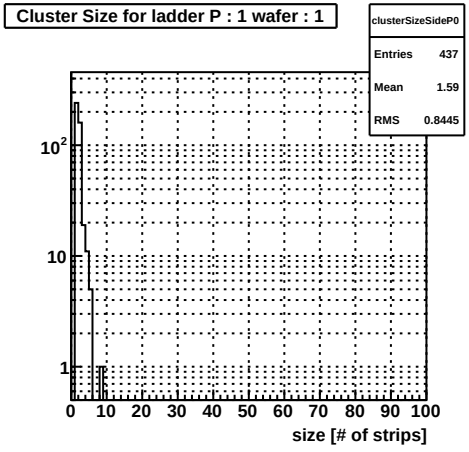
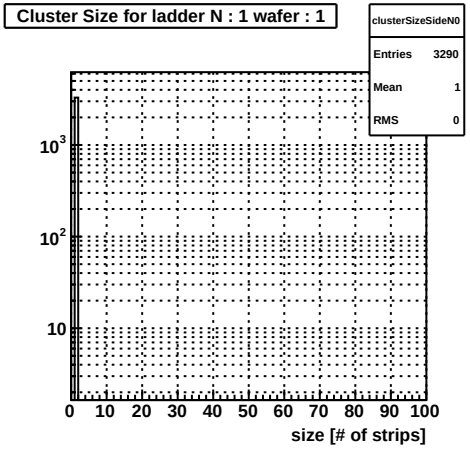
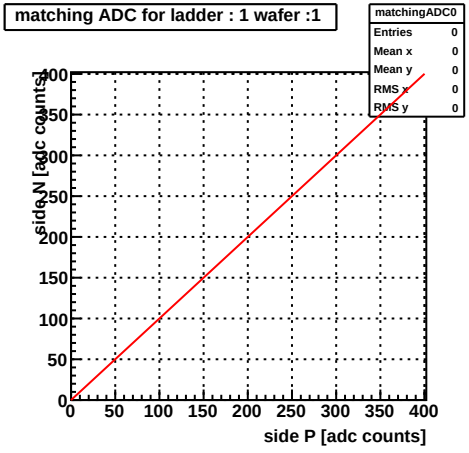
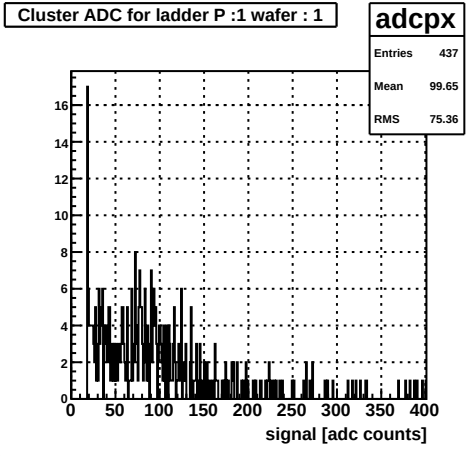
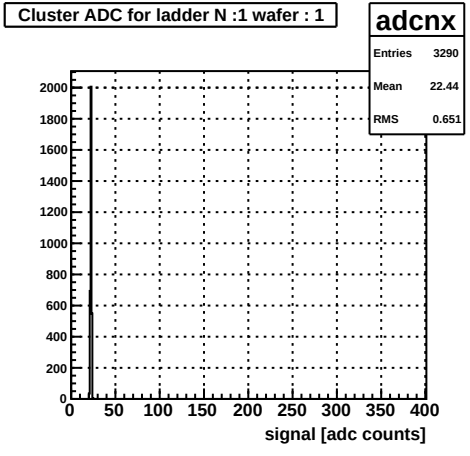
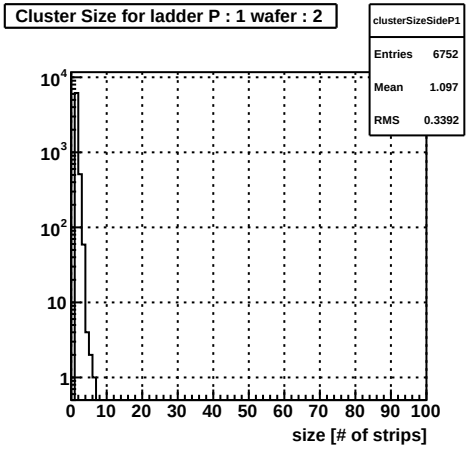

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 437
Mean 1.59
RMS 0.8445
size [# of strips]

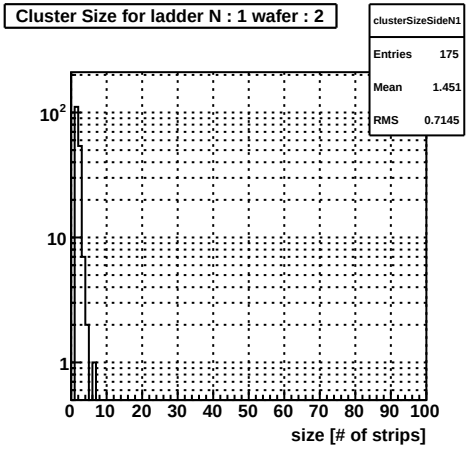

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3290
Mean 1
RMS 0
size [# of strips]

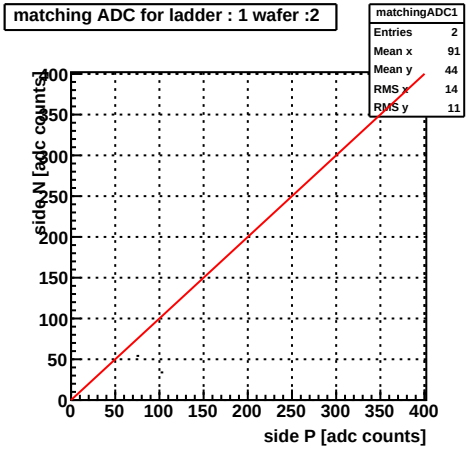

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

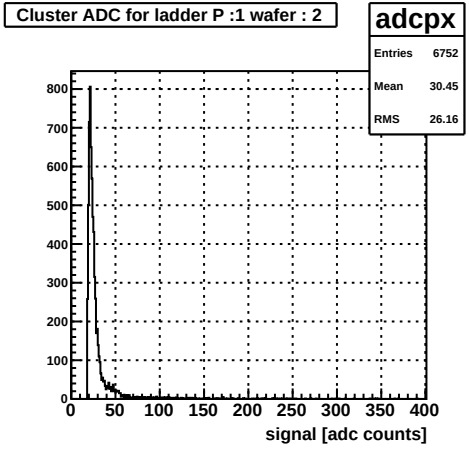

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 437
Mean 99.65
RMS 75.36
signal [adc counts]

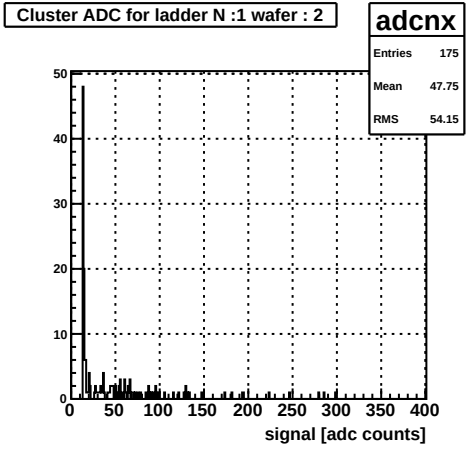

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3290
Mean 22.44
RMS 0.651
signal [adc counts]

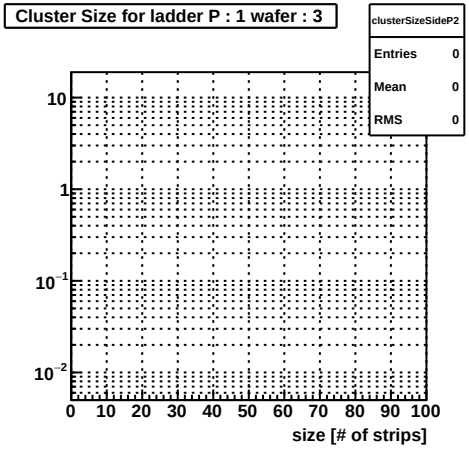

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6752
Mean 1.097
RMS 0.3392
size [# of strips]

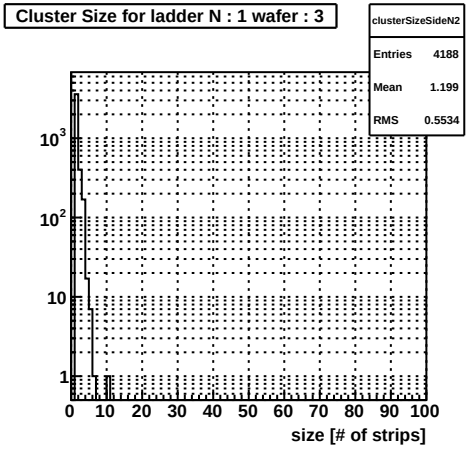

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 175
Mean 1.451
RMS 0.7145
size [# of strips]

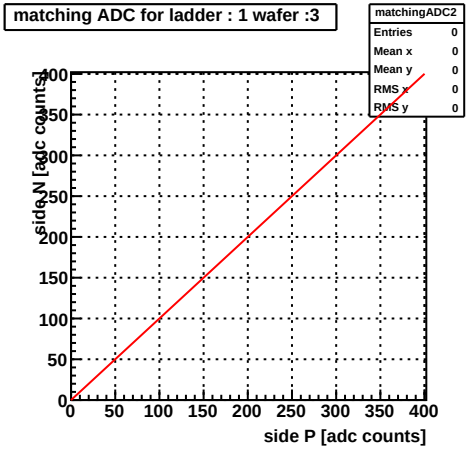

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 91
Mean y 44
RMS x 14
RMS y 11
side N [adc counts]
side P [adc counts]

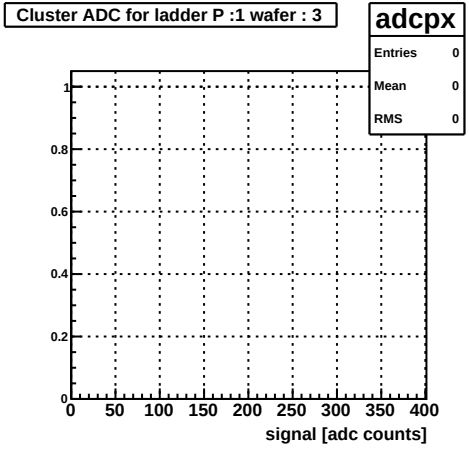

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6752
Mean 30.45
RMS 26.16
signal [adc counts]

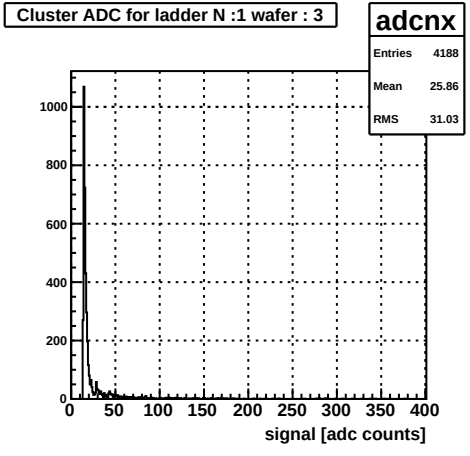

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 175
Mean 47.75
RMS 54.15
signal [adc counts]

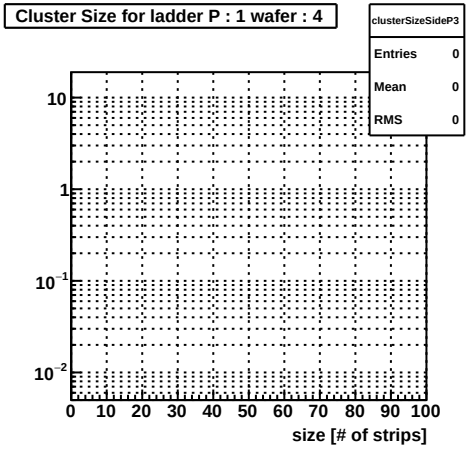

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

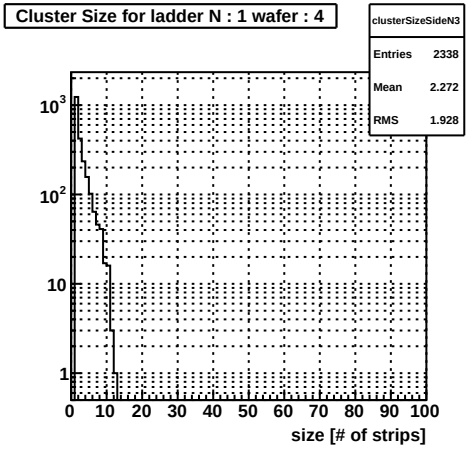

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4188
Mean 1.199
RMS 0.5534
size [# of strips]

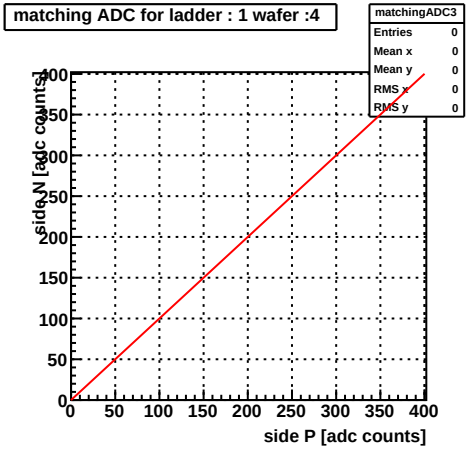

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

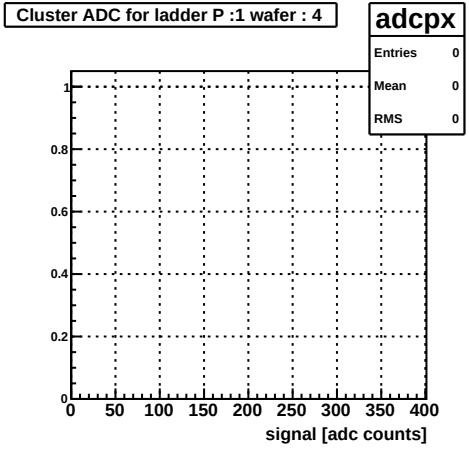

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

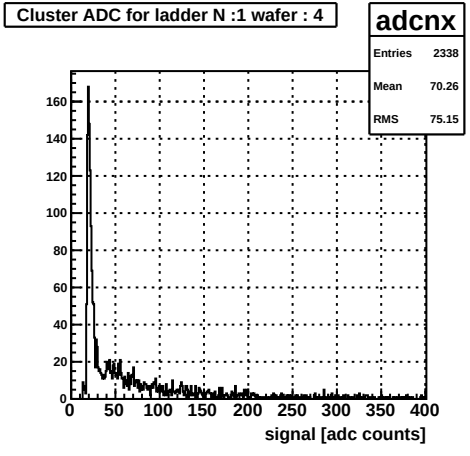

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4188
Mean 25.86
RMS 31.03
signal [adc counts]

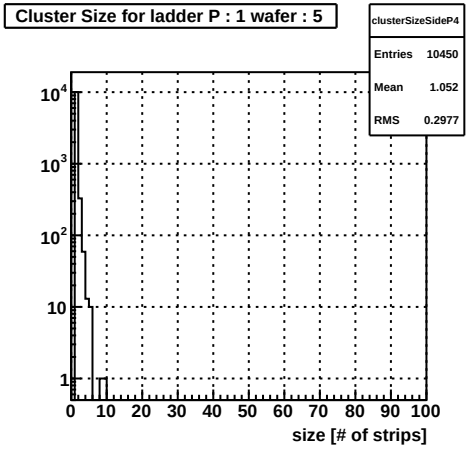

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

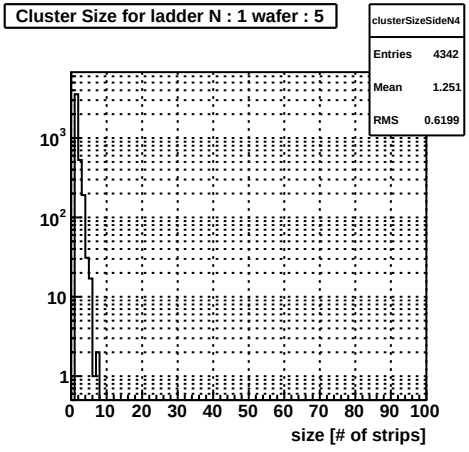

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2338
Mean 2.272
RMS 1.928
size [# of strips]

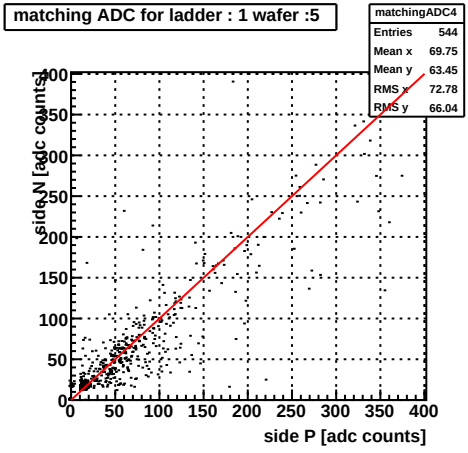

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

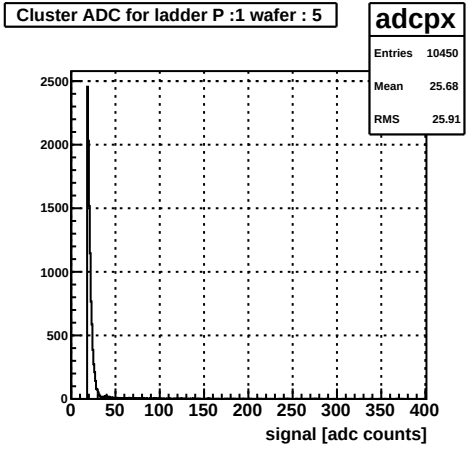

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

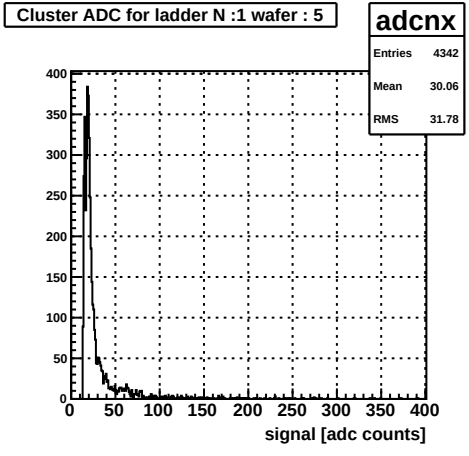

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2338
Mean 70.26
RMS 75.15
signal [adc counts]

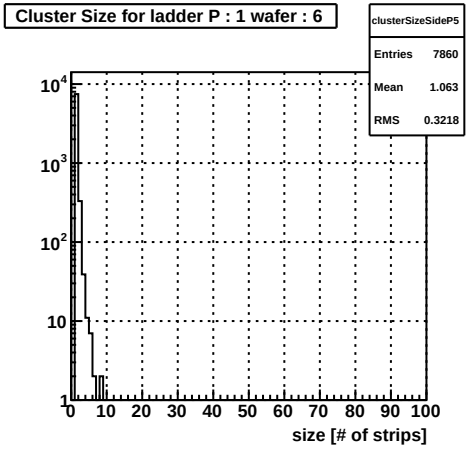

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10450
Mean 1.052
RMS 0.2977
size [# of strips]

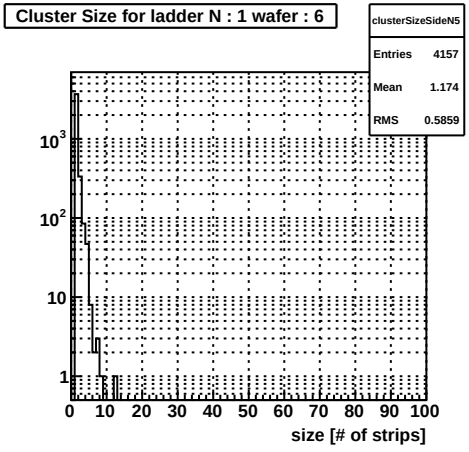

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4342
Mean 1.251
RMS 0.6199
size [# of strips]

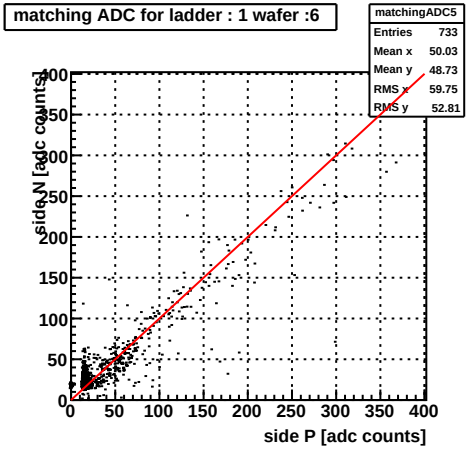

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 544
Mean x 69.75
Mean y 63.45
RMS x 72.78
RMS y 66.04
side N [adc counts]
side P [adc counts]

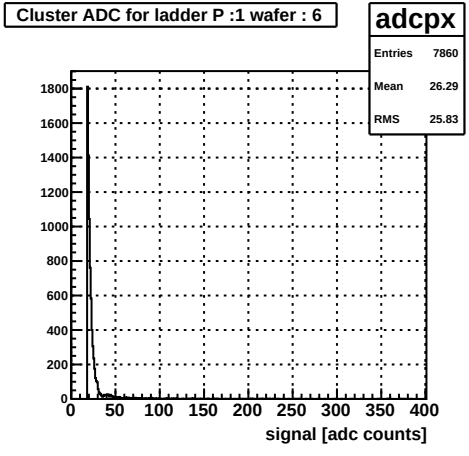

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10450
Mean 25.68
RMS 25.91
signal [adc counts]

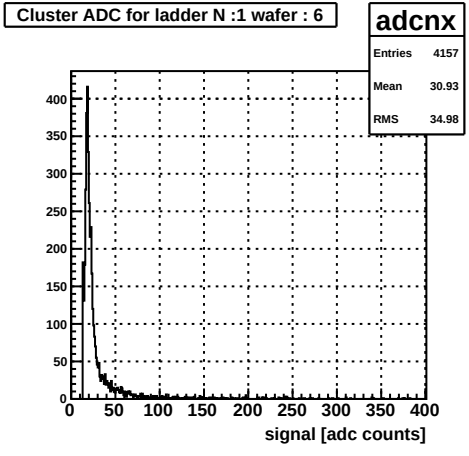

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4342
Mean 30.06
RMS 31.78
signal [adc counts]

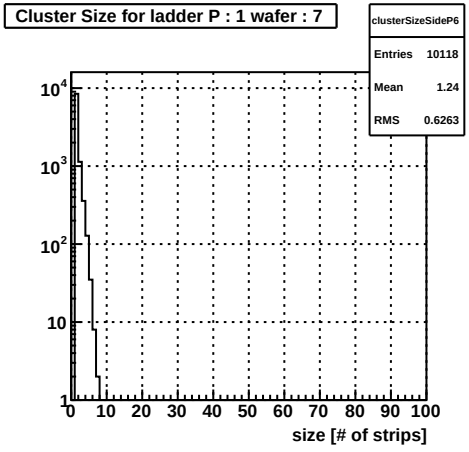

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7860
Mean 1.063
RMS 0.3218
size [# of strips]

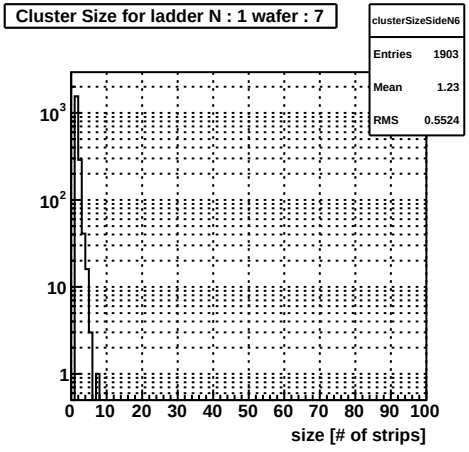

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4157
Mean 1.174
RMS 0.5859
size [# of strips]

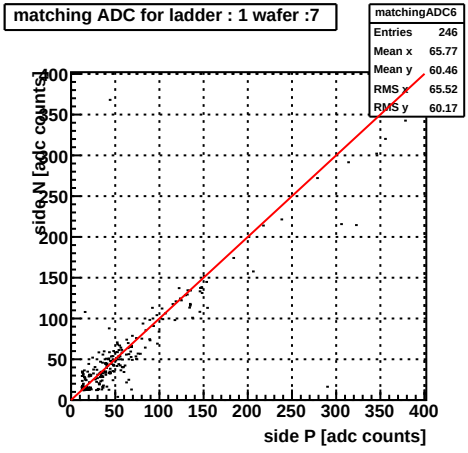

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 733
Mean x 50.03
Mean y 48.73
RMS x 59.75
RMS y 52.81
side N [adc counts]
side P [adc counts]

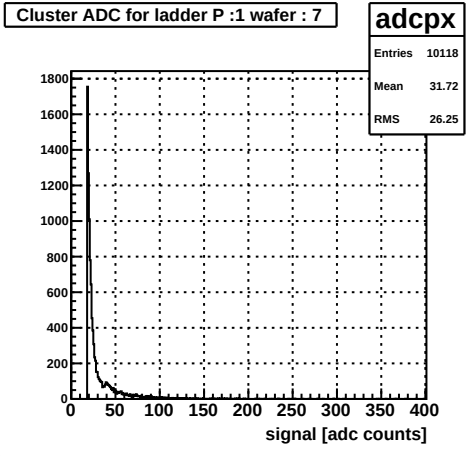

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7860
Mean 26.29
RMS 25.83
signal [adc counts]

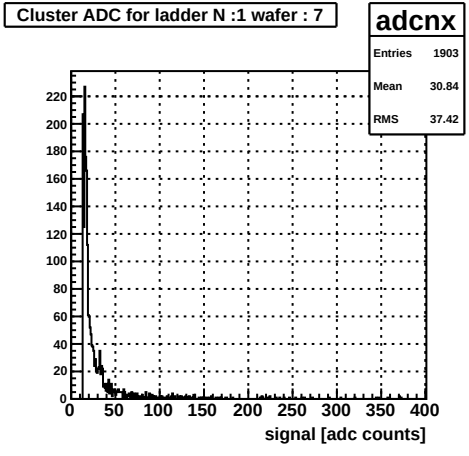

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4157
Mean 30.93
RMS 34.98
signal [adc counts]

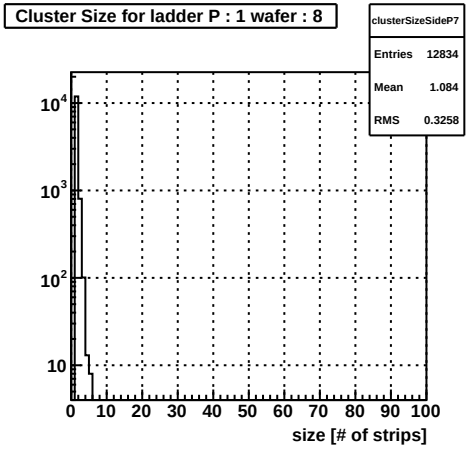

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10118
Mean 1.24
RMS 0.6263
size [# of strips]

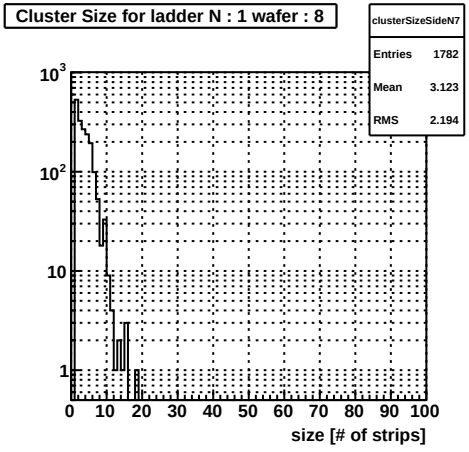

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1903
Mean 1.23
RMS 0.5524
size [# of strips]

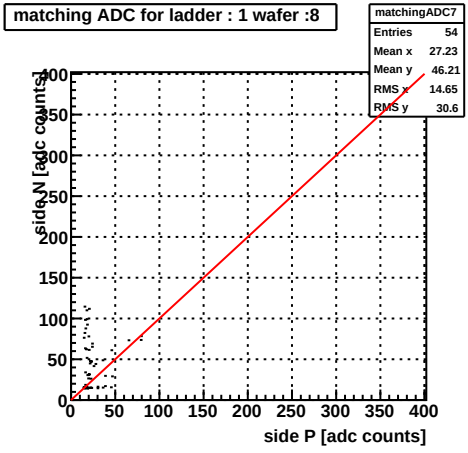

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 246
Mean x 65.77
Mean y 60.46
RMS x 65.52
RMS y 60.17
side N [adc counts]
side P [adc counts]

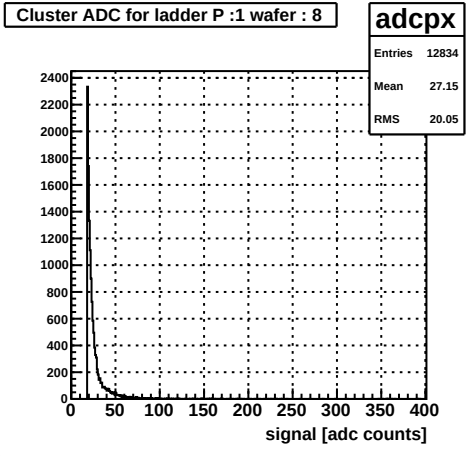

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10118
Mean 31.72
RMS 26.25
signal [adc counts]

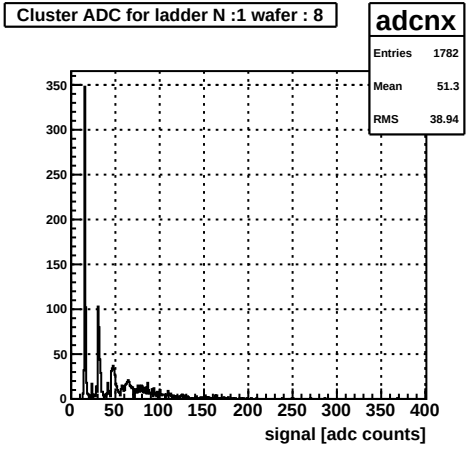

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1903
Mean 30.84
RMS 37.42
signal [adc counts]

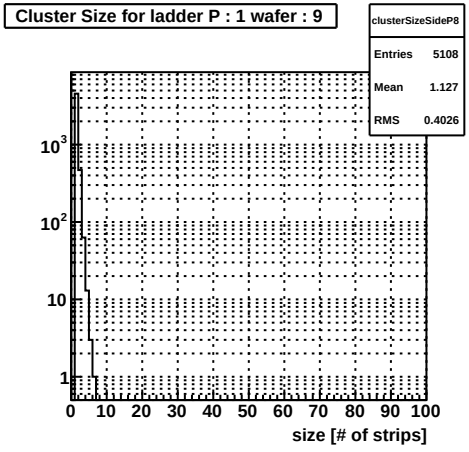

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 12834
Mean 1.084
RMS 0.3258
size [# of strips]

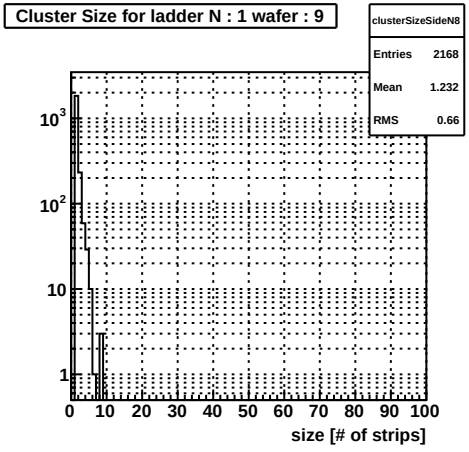

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1782
Mean 3.123
RMS 2.194
size [# of strips]

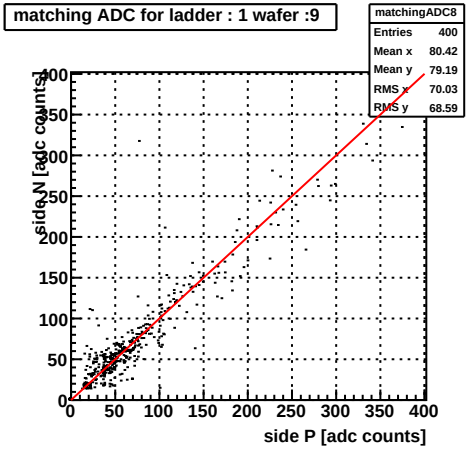

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 54
Mean x 27.23
Mean y 46.21
RMS x 14.65
RMS y 30.6
side N [adc counts]
side P [adc counts]

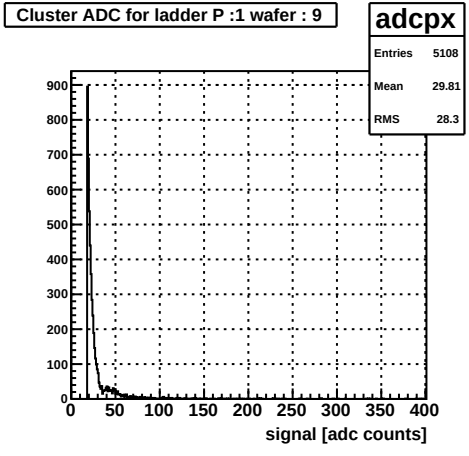

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 12834
Mean 27.15
RMS 20.05
signal [adc counts]

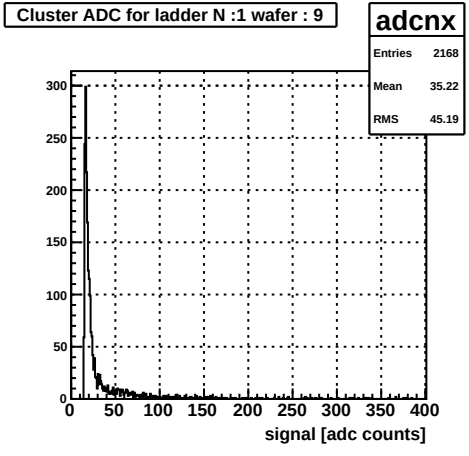

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1782
Mean 51.3
RMS 38.94
signal [adc counts]

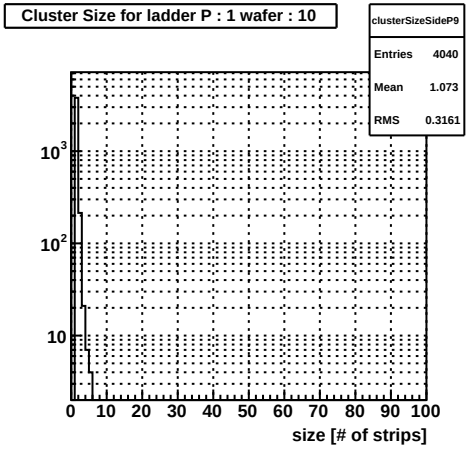

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5108
Mean 1.127
RMS 0.4026
size [# of strips]

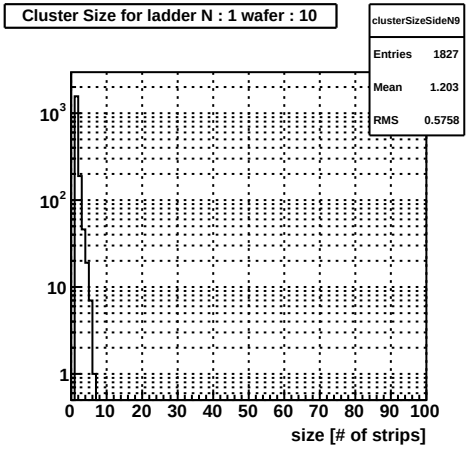

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2168
Mean 1.232
RMS 0.66
size [# of strips]

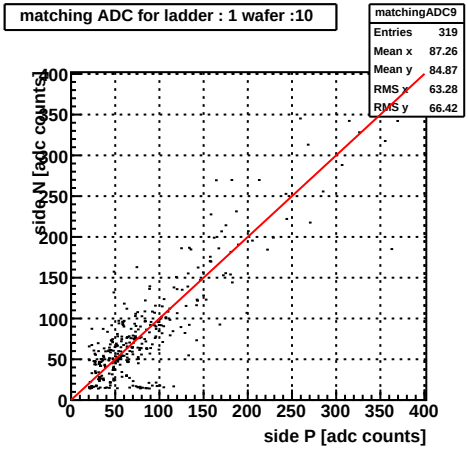

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 400
Mean x 80.42
Mean y 79.19
RMS x 70.03
RMS y 68.59
side N [adc counts]
side P [adc counts]

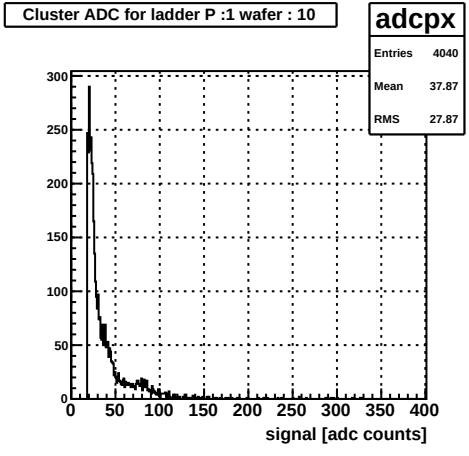

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5108
Mean 29.81
RMS 28.3
signal [adc counts]

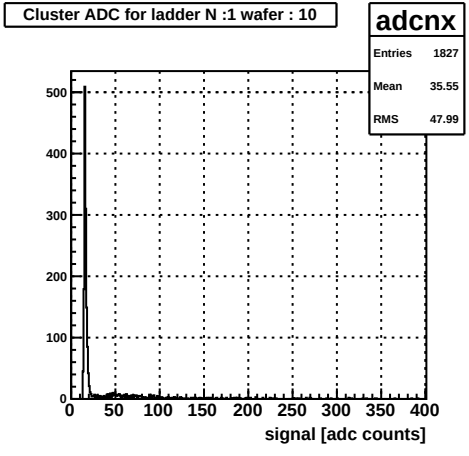

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2168
Mean 35.22
RMS 45.19
signal [adc counts]

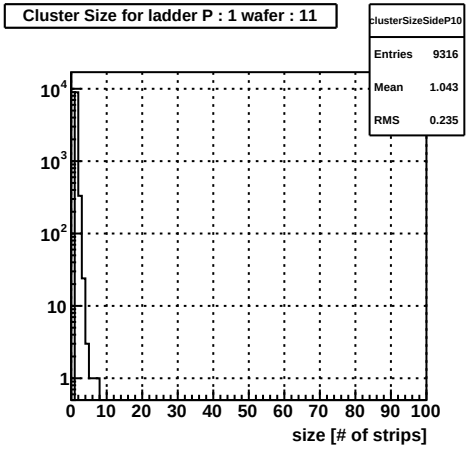

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4040
Mean 1.073
RMS 0.3161
size [# of strips]

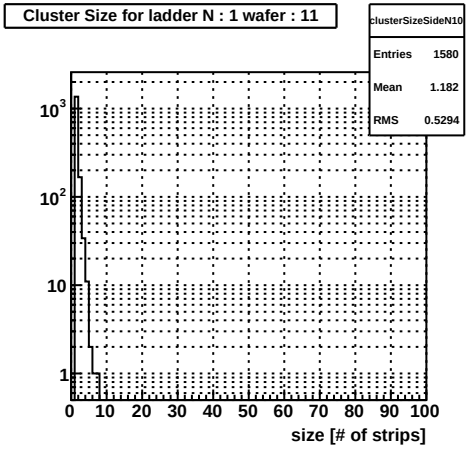

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1827
Mean 1.203
RMS 0.5758
size [# of strips]

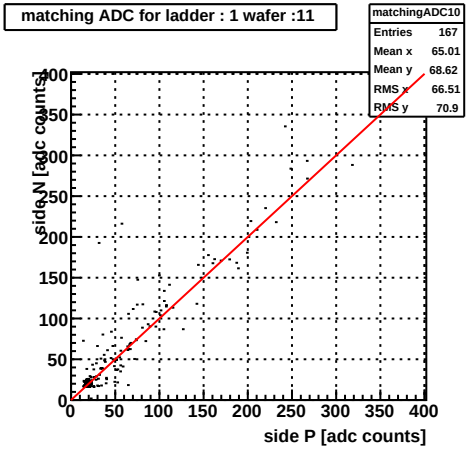

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 319
Mean x 87.26
Mean y 84.87
RMS x 63.28
RMS y 66.42
side N [adc counts]
side P [adc counts]

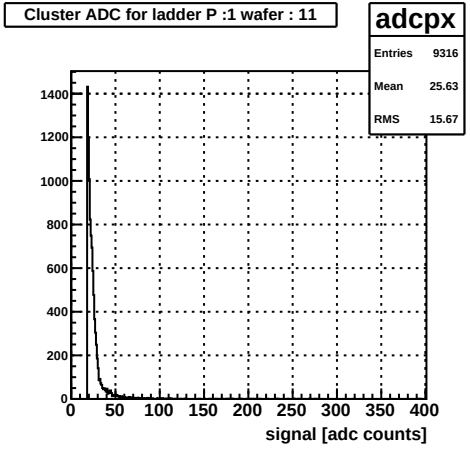

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4040
Mean 37.87
RMS 27.87
signal [adc counts]

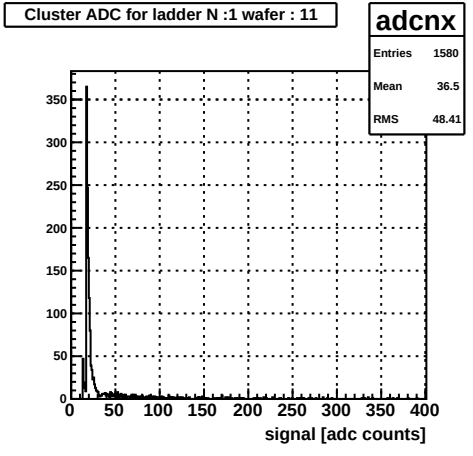

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1827
Mean 35.55
RMS 47.99
signal [adc counts]

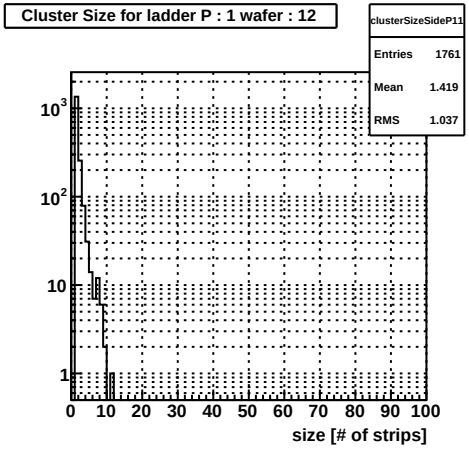

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9316
Mean 1.043
RMS 0.235
size [# of strips]

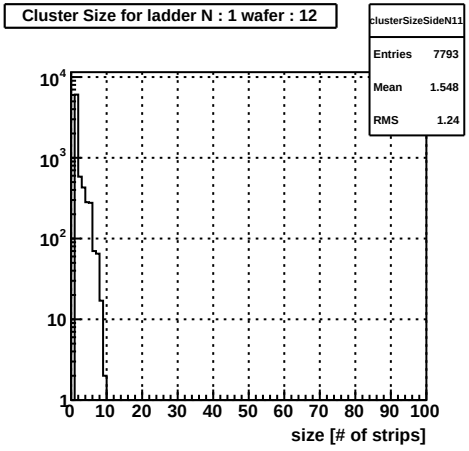

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1580
Mean 1.182
RMS 0.5294
size [# of strips]

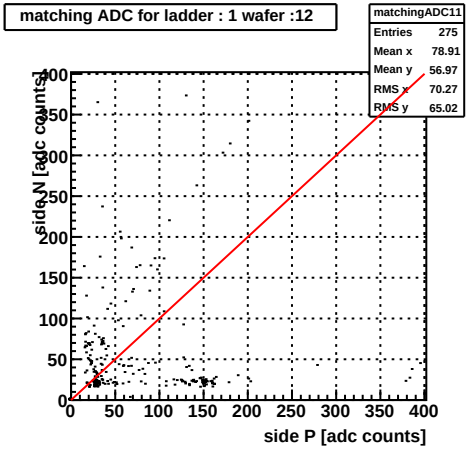

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 167
Mean x 65.01
Mean y 68.62
RMS x 66.51
RMS y 70.9
side N [adc counts]
side P [adc counts]

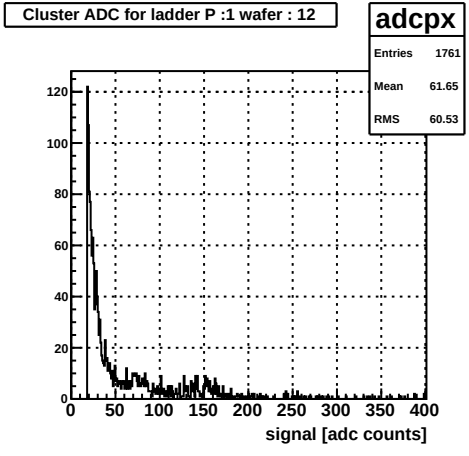

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9316
Mean 25.63
RMS 15.67
signal [adc counts]

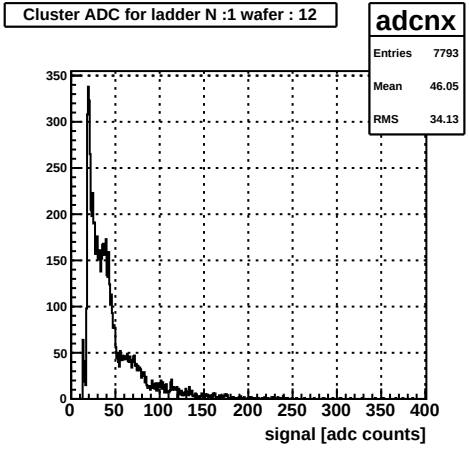

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1580
Mean 36.5
RMS 48.41
signal [adc counts]

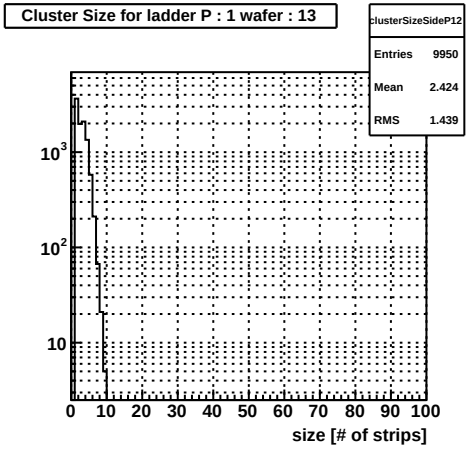

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1761
Mean 1.419
RMS 1.037
size [# of strips]

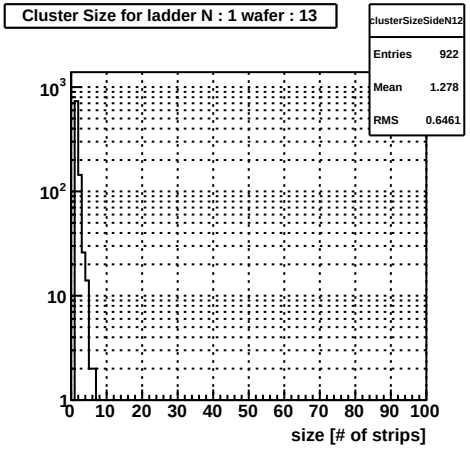

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7793
Mean 1.548
RMS 1.24
size [# of strips]

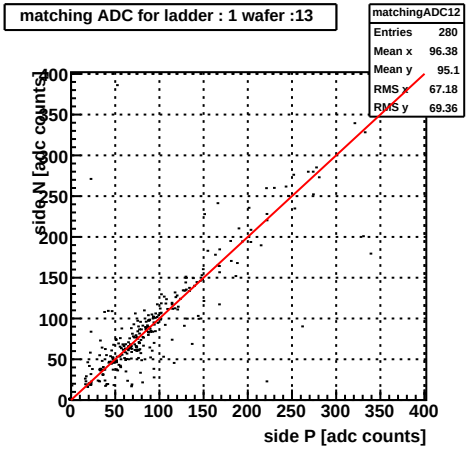

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 275
Mean x 78.91
Mean y 56.97
RMS x 70.27
RMS y 65.02
side N [adc counts]
side P [adc counts]

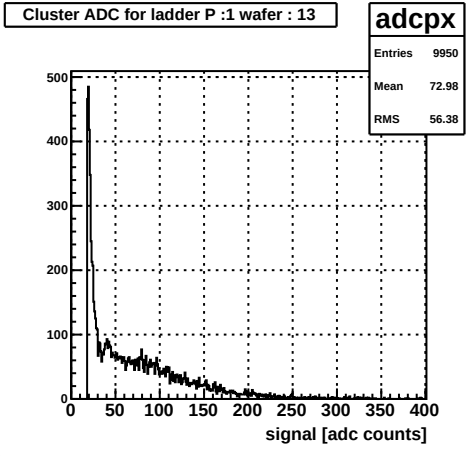

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1761
Mean 61.65
RMS 60.53
signal [adc counts]

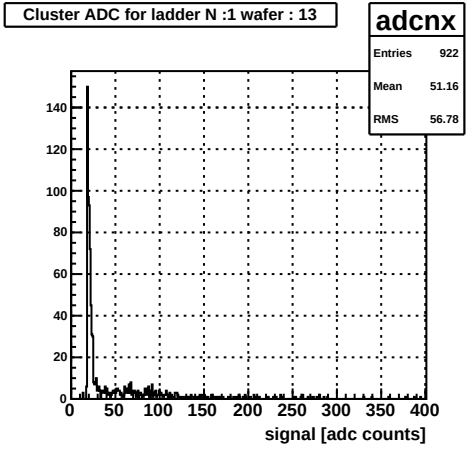

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7793
Mean 46.05
RMS 34.13
signal [adc counts]

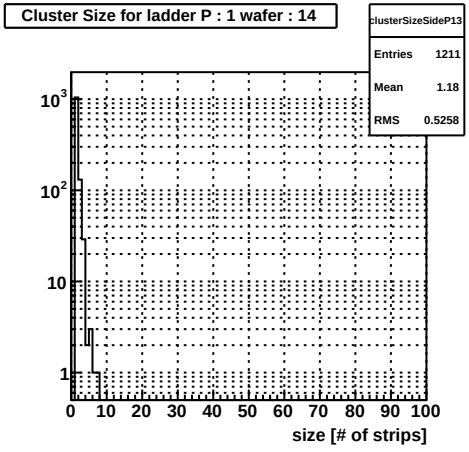

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 9950
Mean 2.424
RMS 1.439
size [# of strips]

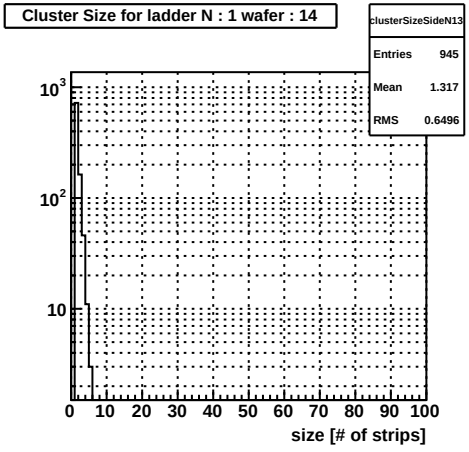

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 922
Mean 1.278
RMS 0.6461
size [# of strips]

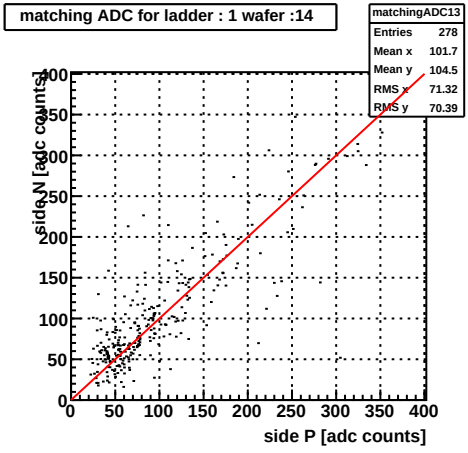

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 280
Mean x 96.38
Mean y 95.1
RMS x 67.18
RMS y 69.36
side N [adc counts]
side P [adc counts]

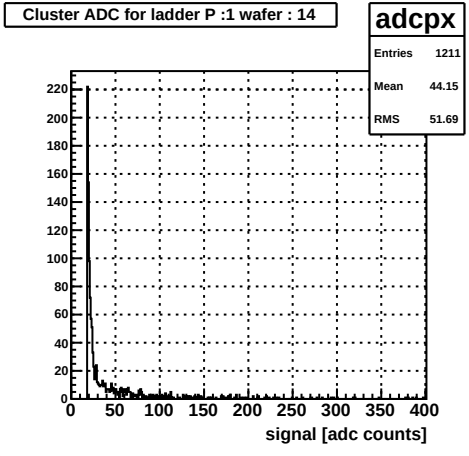

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 9950
Mean 72.98
RMS 56.38
signal [adc counts]

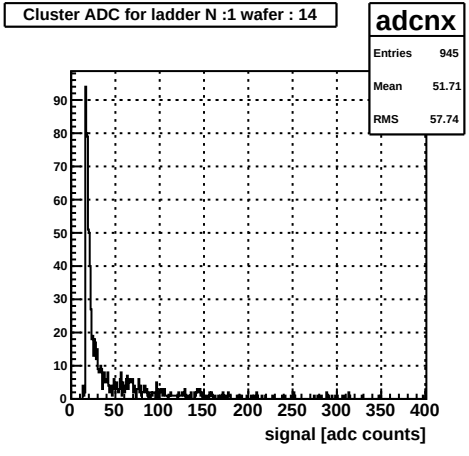

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 922
Mean 51.16
RMS 56.78
signal [adc counts]

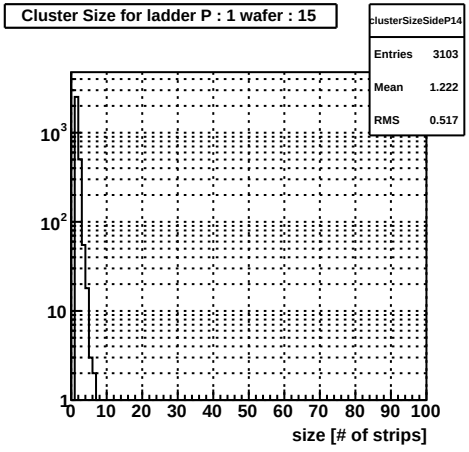

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1211
Mean 1.18
RMS 0.5258
size [# of strips]

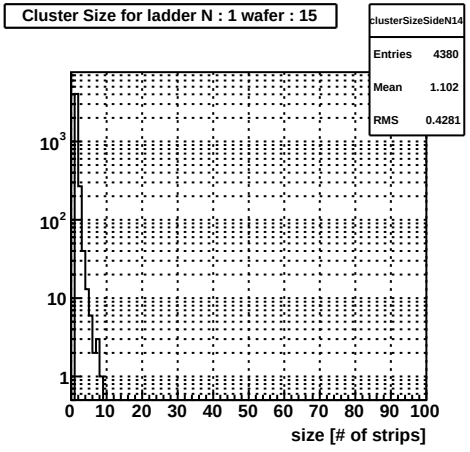

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 945
Mean 1.317
RMS 0.6496
size [# of strips]

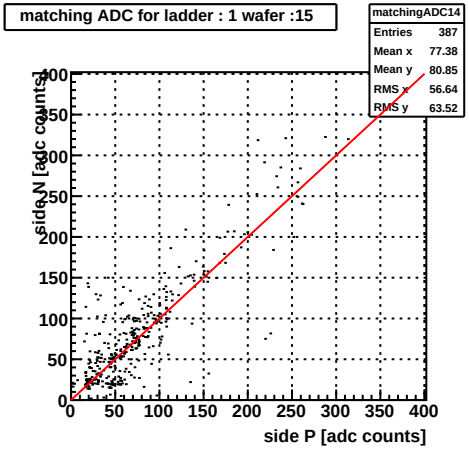

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 278
Mean x 101.7
Mean y 104.5
RMS x 71.32
RMS y 70.39
side N [adc counts]
side P [adc counts]

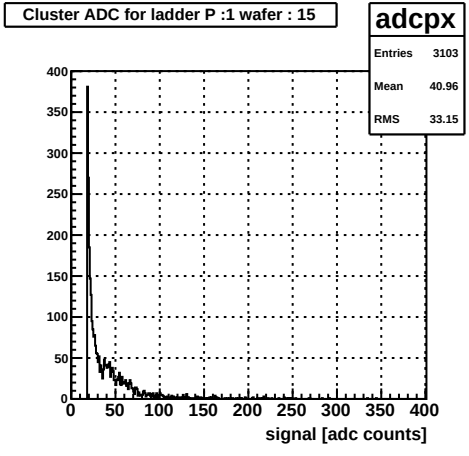

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1211
Mean 44.15
RMS 51.69
signal [adc counts]

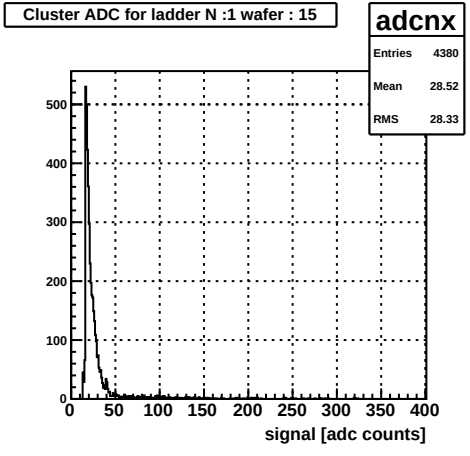

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 945
Mean 51.71
RMS 57.74
signal [adc counts]

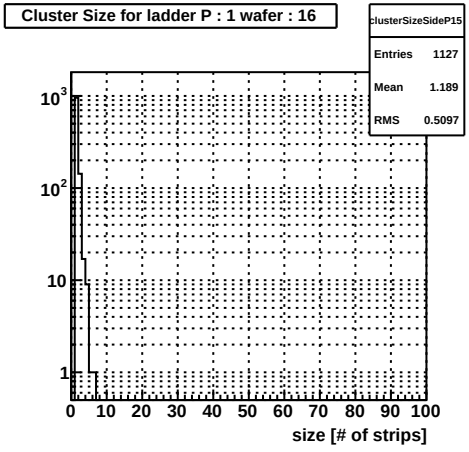

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3103
Mean 1.222
RMS 0.517
size [# of strips]

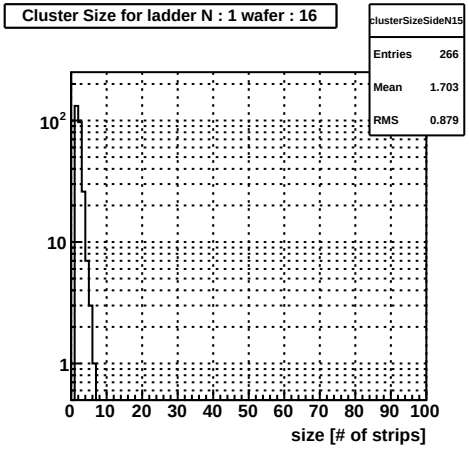

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4380
Mean 1.102
RMS 0.4281
size [# of strips]

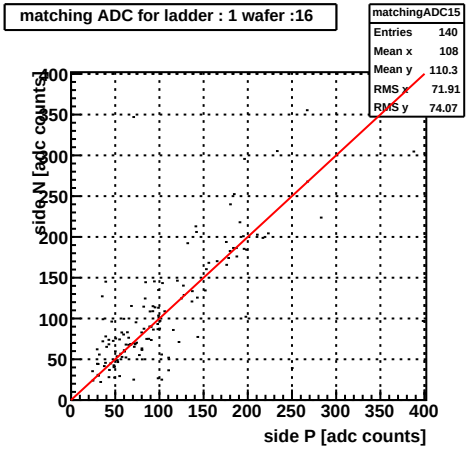

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 387
Mean x 77.38
Mean y 80.85
RMS x 56.64
RMS y 63.52
side N [adc counts]
side P [adc counts]

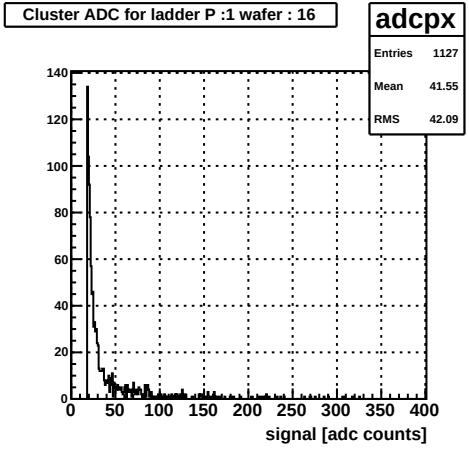

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3103
Mean 40.96
RMS 33.15
signal [adc counts]

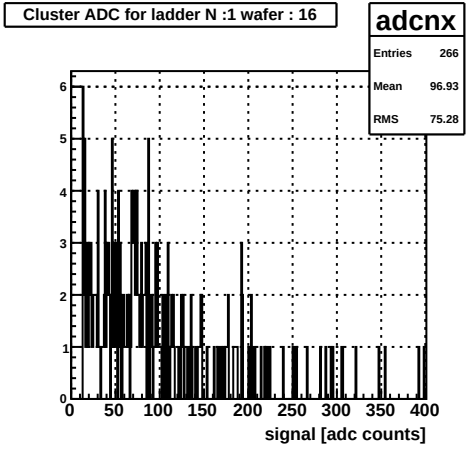

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4380
Mean 28.52
RMS 28.33
signal [adc counts]

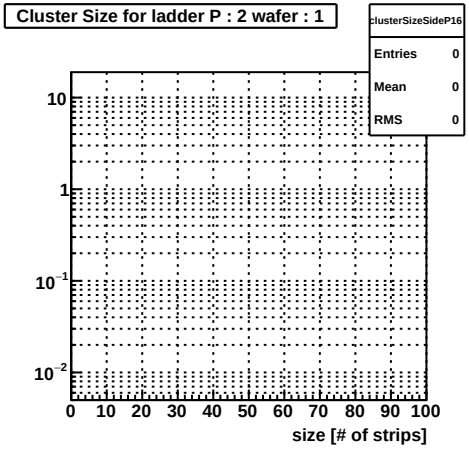

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1127
Mean 1.189
RMS 0.5097
size [# of strips]

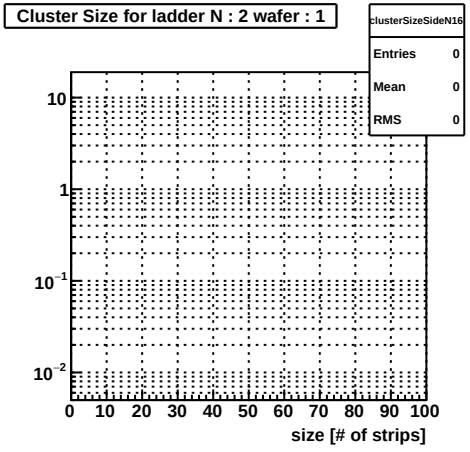

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 266
Mean 1.703
RMS 0.879
size [# of strips]

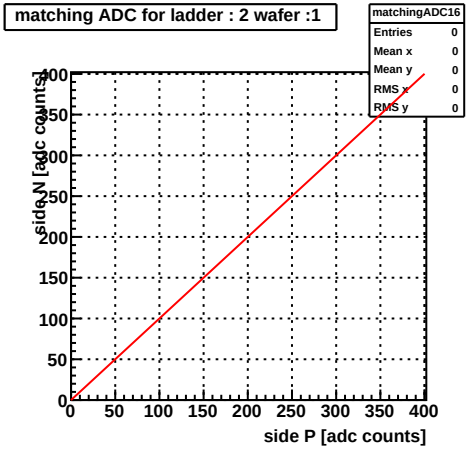

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 140
Mean x 108
Mean y 110.3
RMS x 71.91
RMS y 74.07
side N [adc counts]
side P [adc counts]

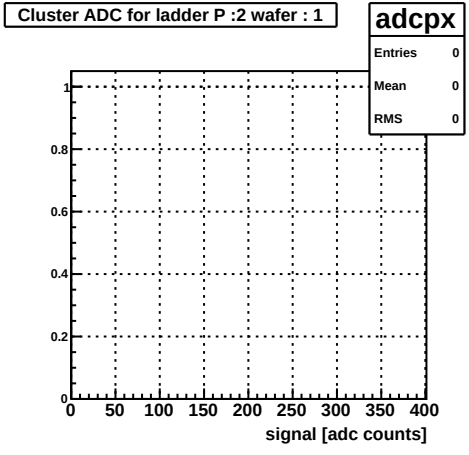

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1127
Mean 41.55
RMS 42.09
signal [adc counts]

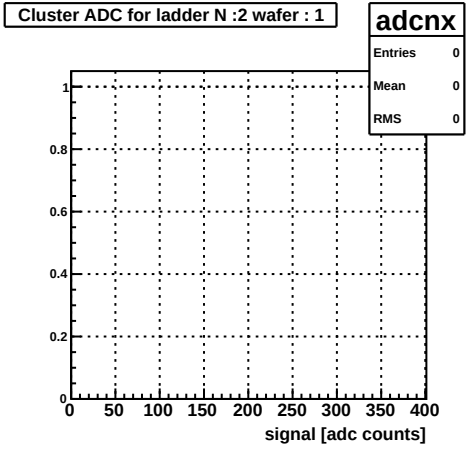

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 266
Mean 96.93
RMS 75.28
signal [adc counts]

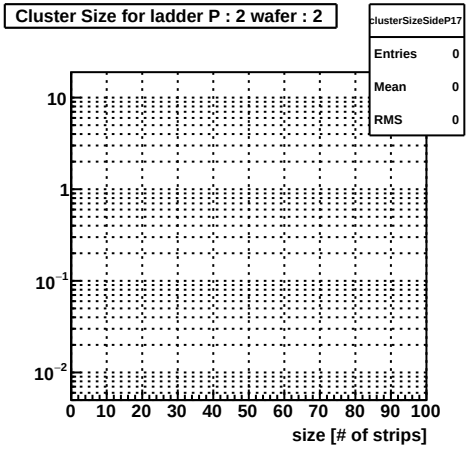

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

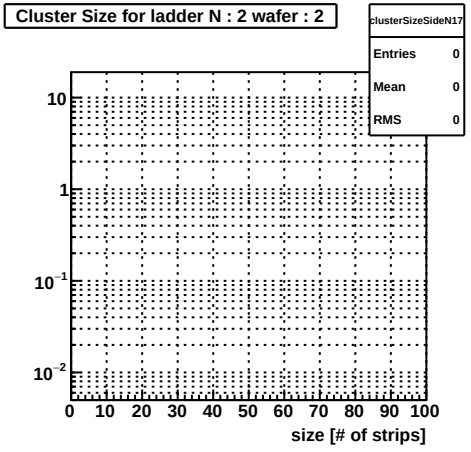

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

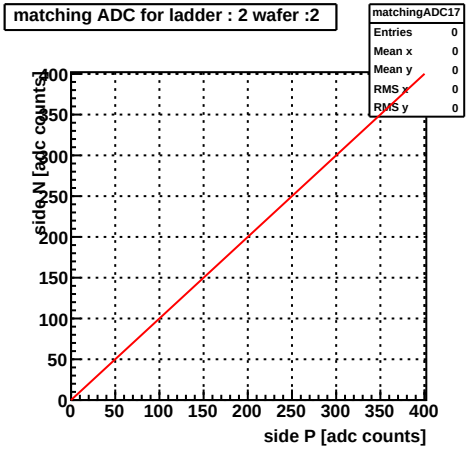

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

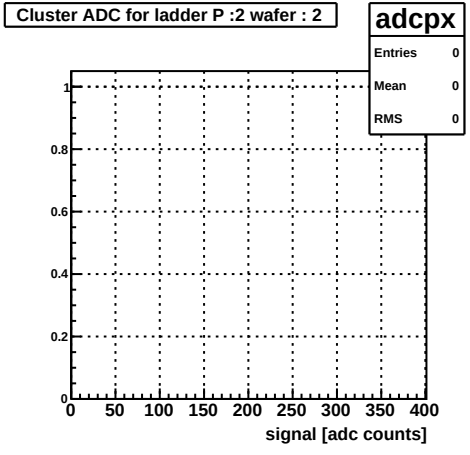

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

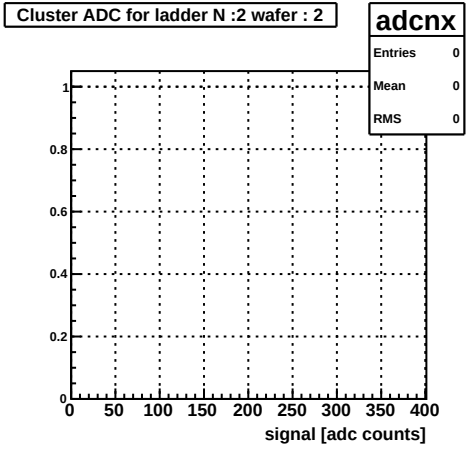

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

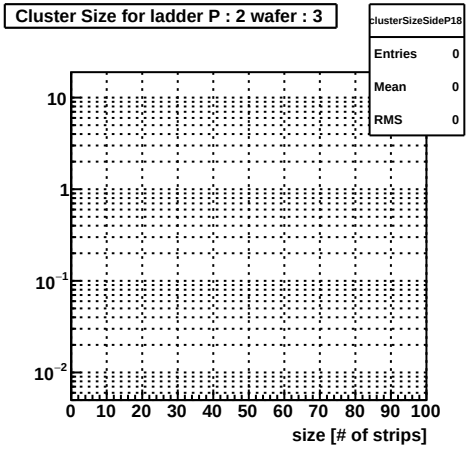

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

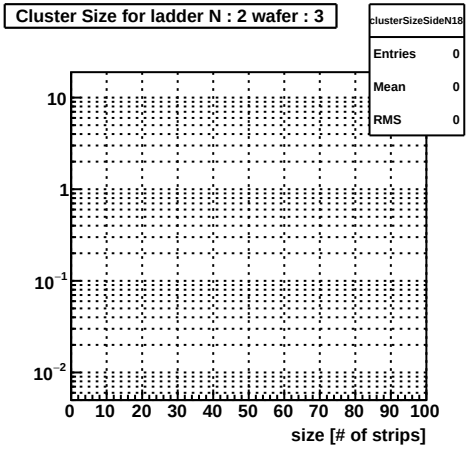

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

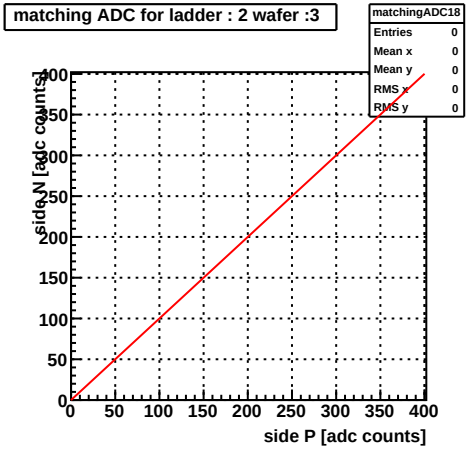

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

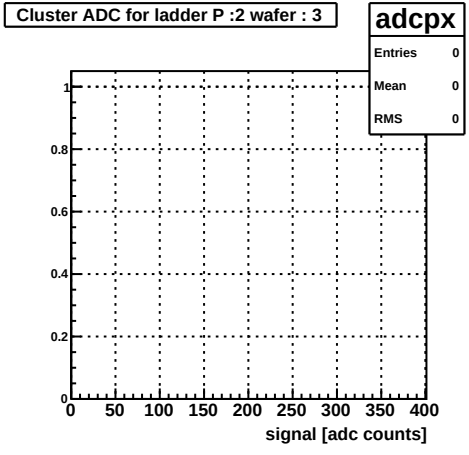

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

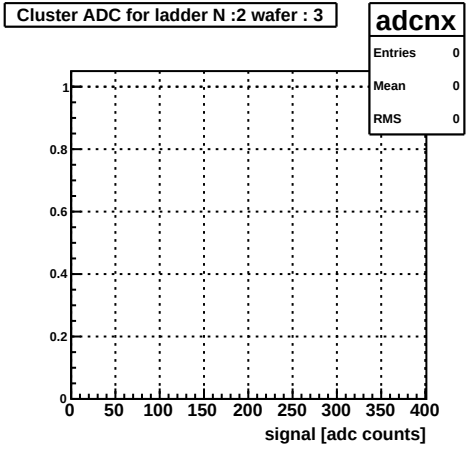

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

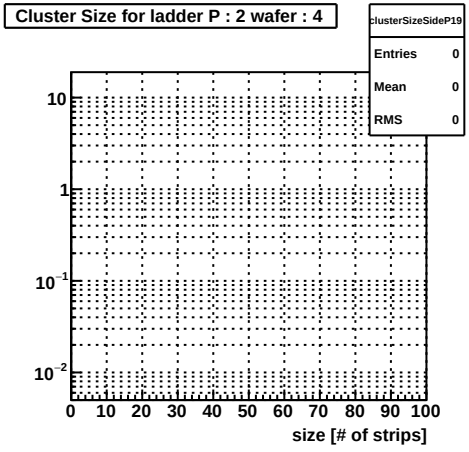

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

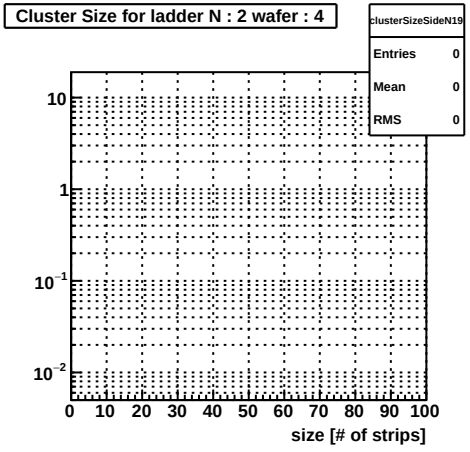

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

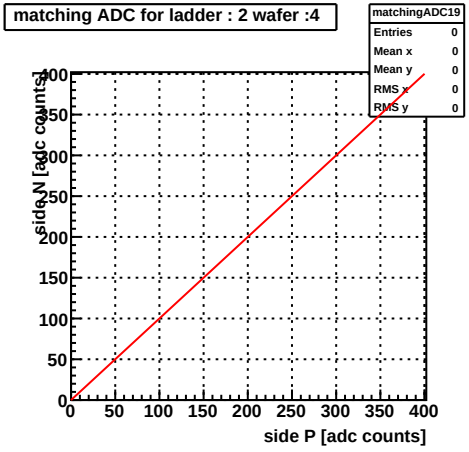

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

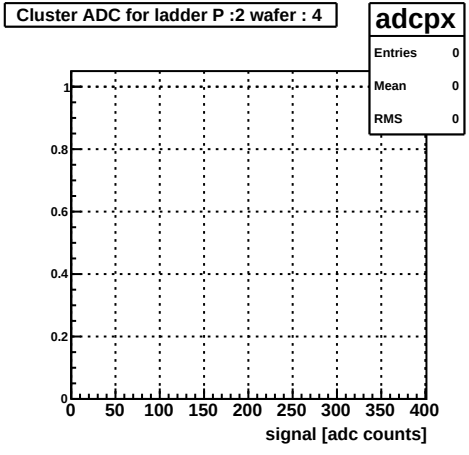

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

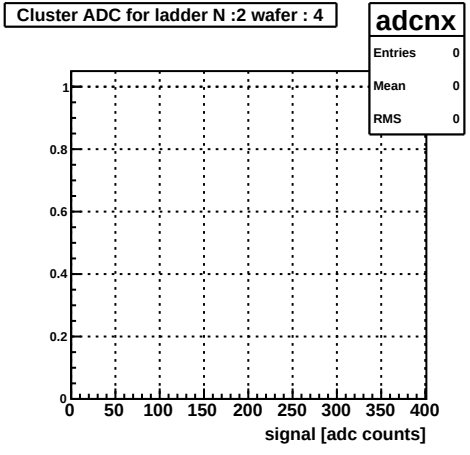

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

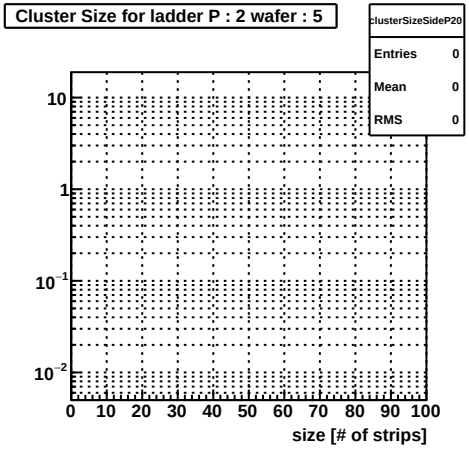

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

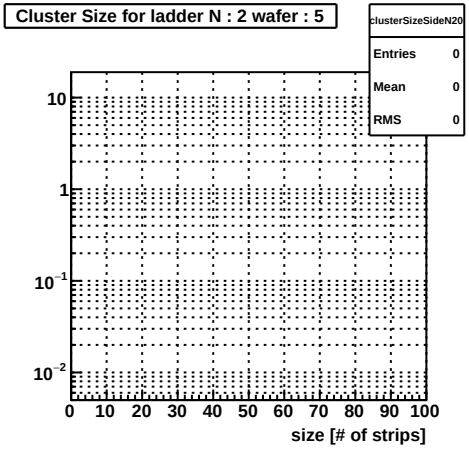

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

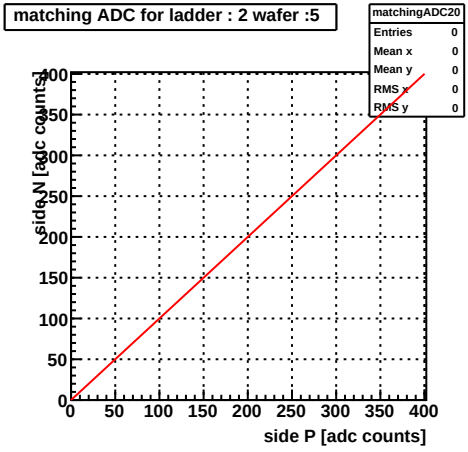

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

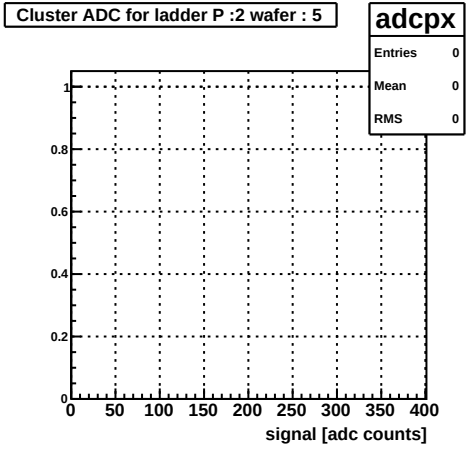

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

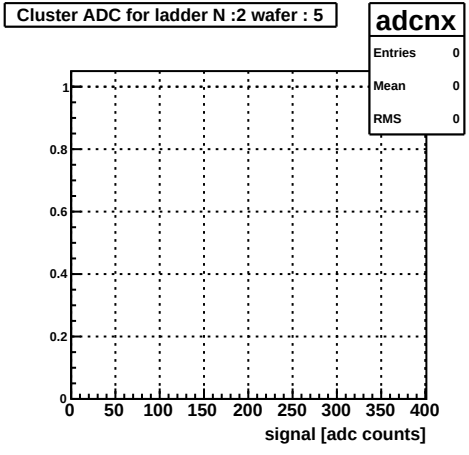

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

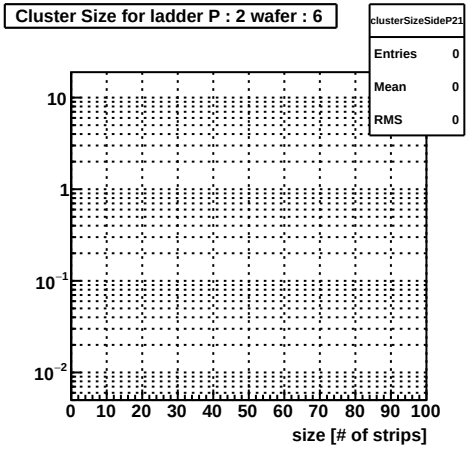

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

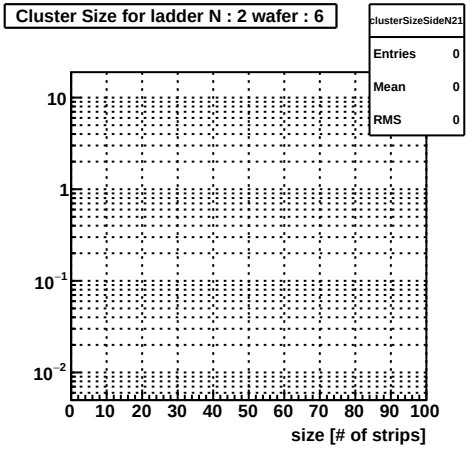

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

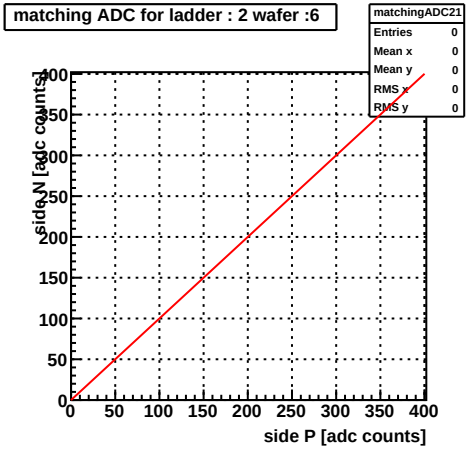

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

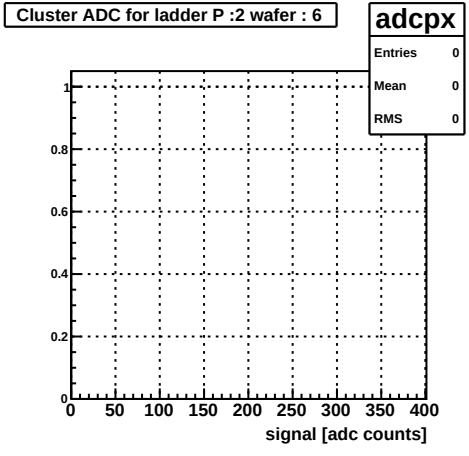

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

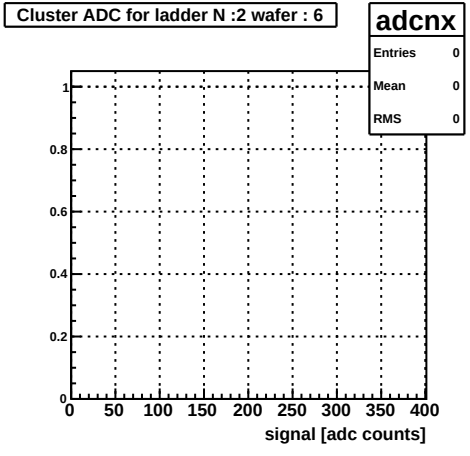

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

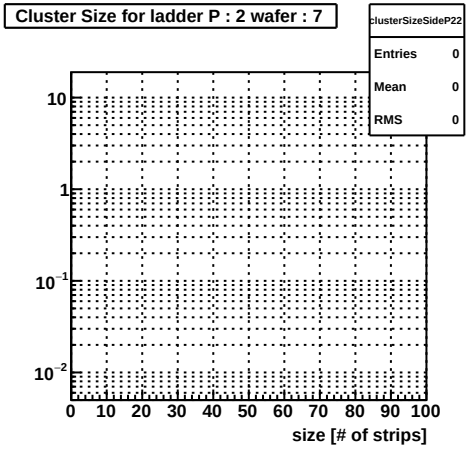

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

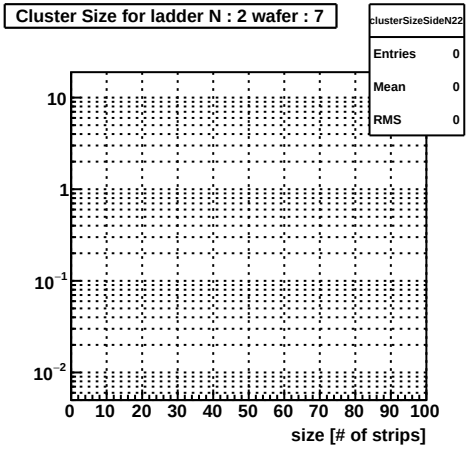

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

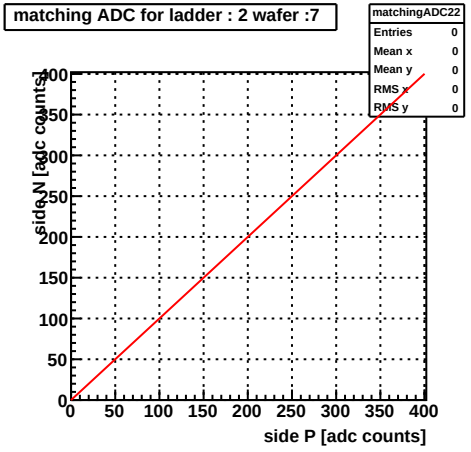

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

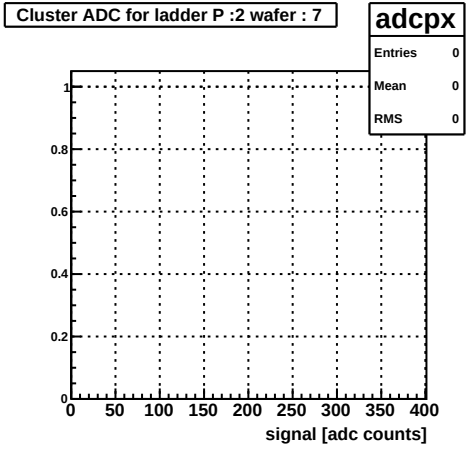

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

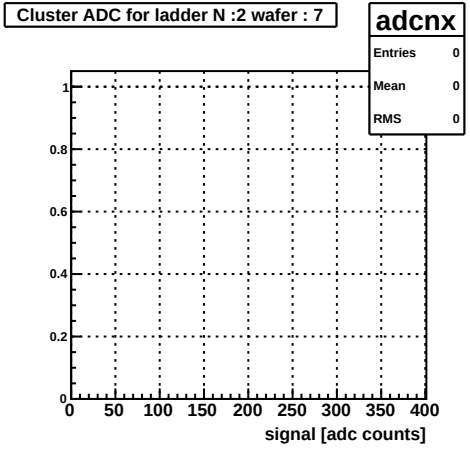

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

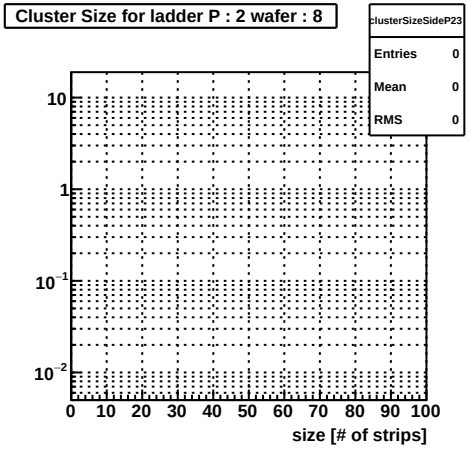

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

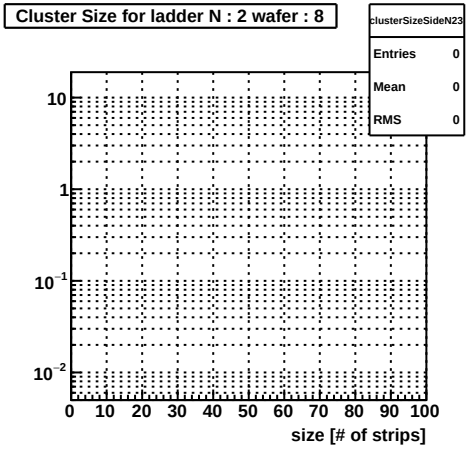

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

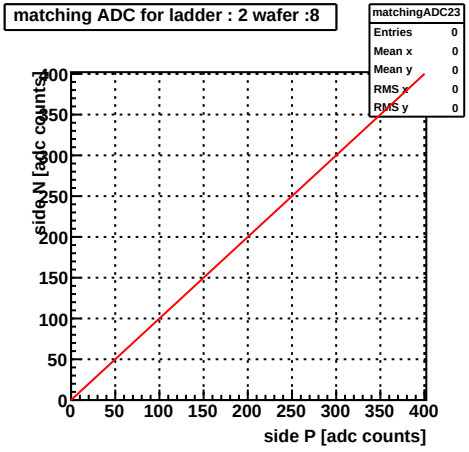

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

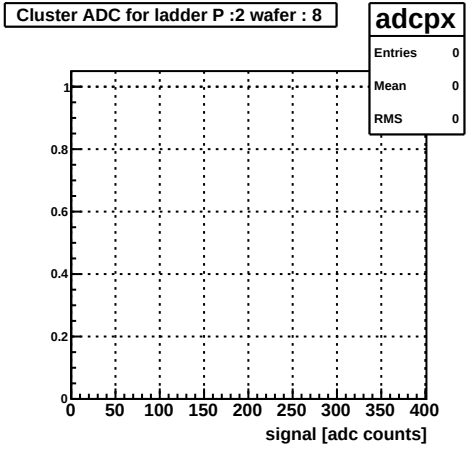

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

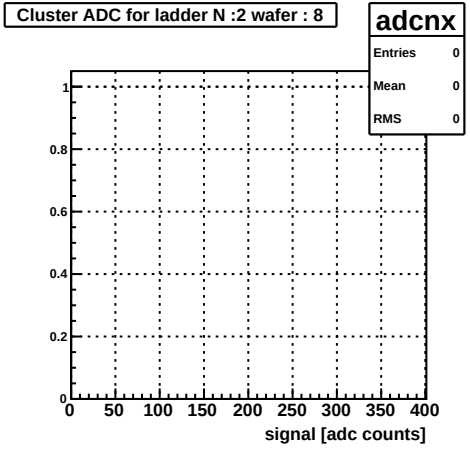

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

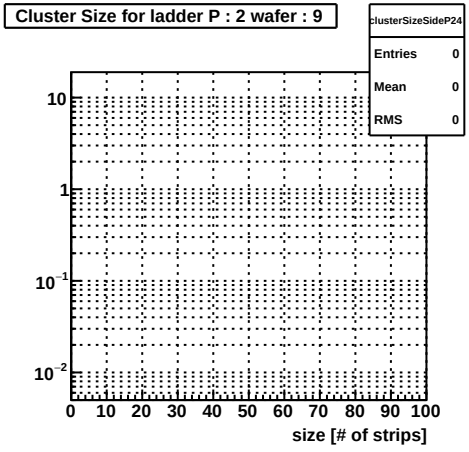

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

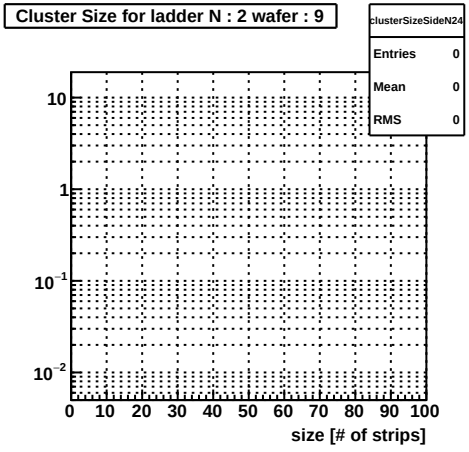

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

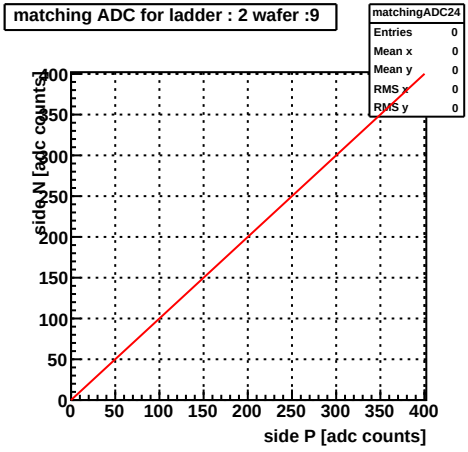

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

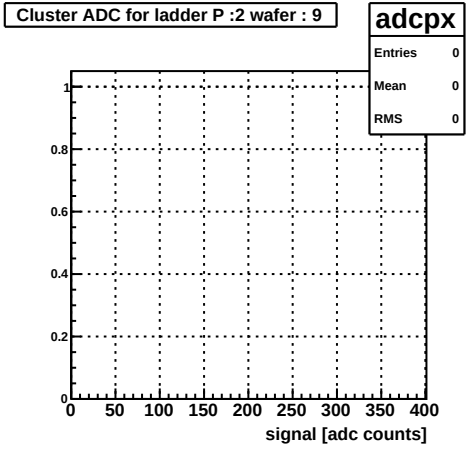

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

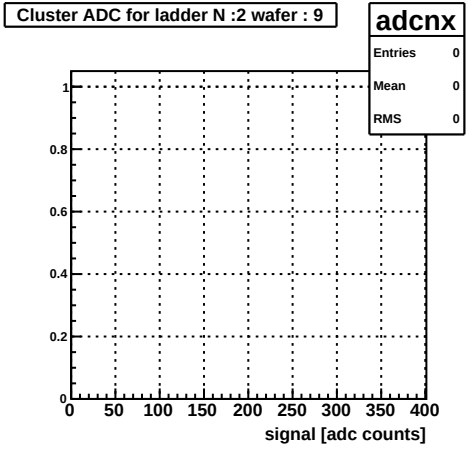

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

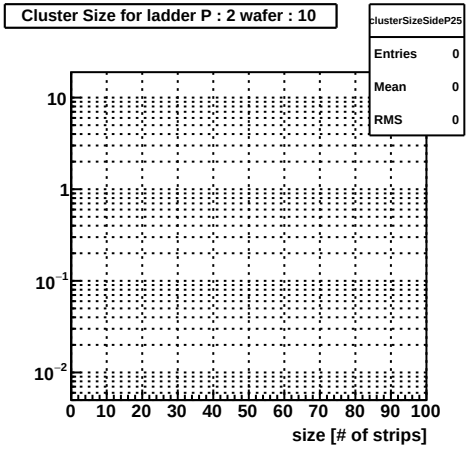

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

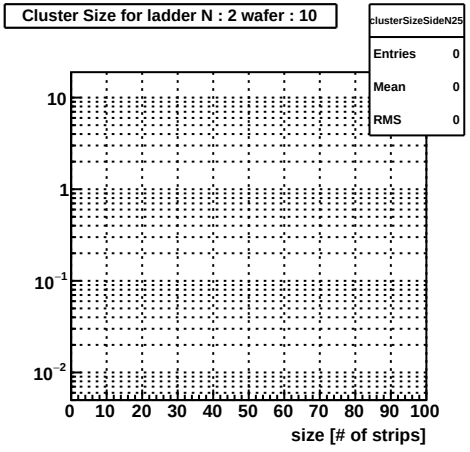

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

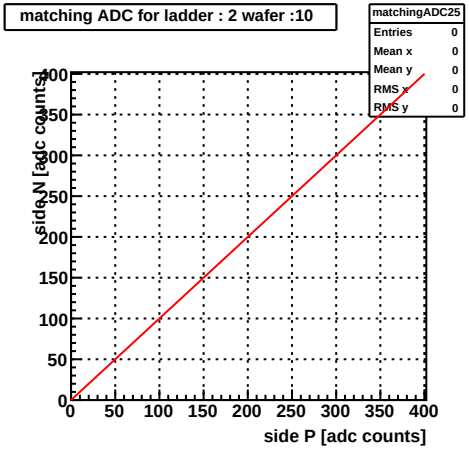

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

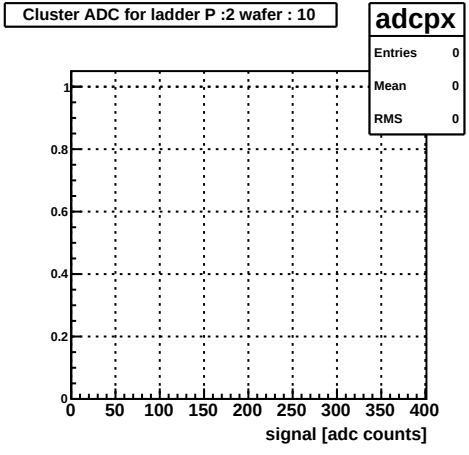

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

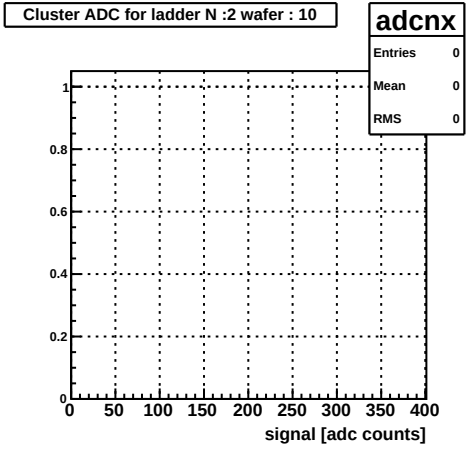

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

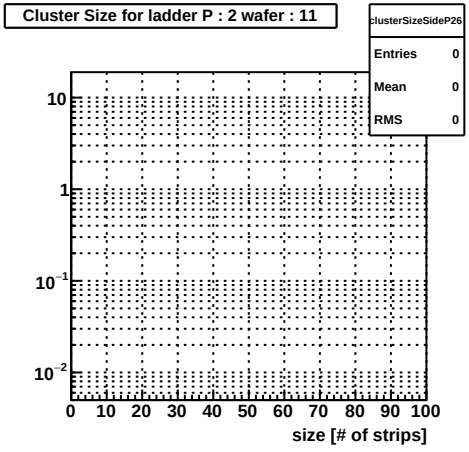

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

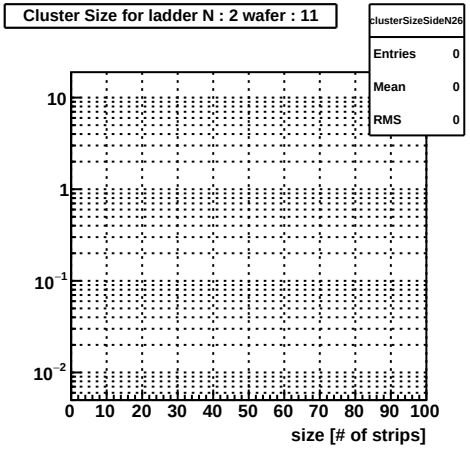

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

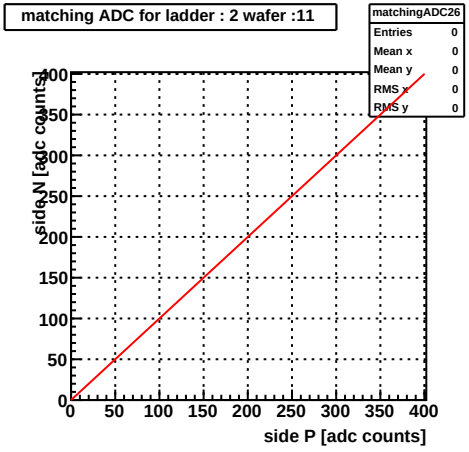

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

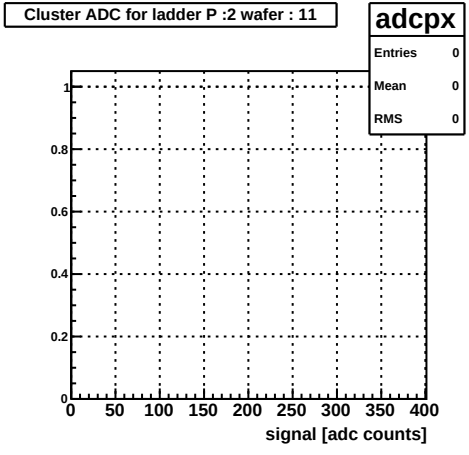

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

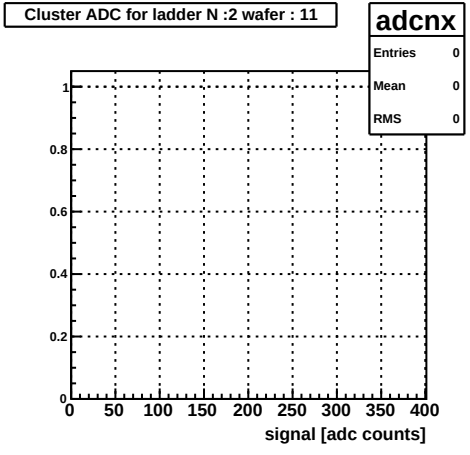

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

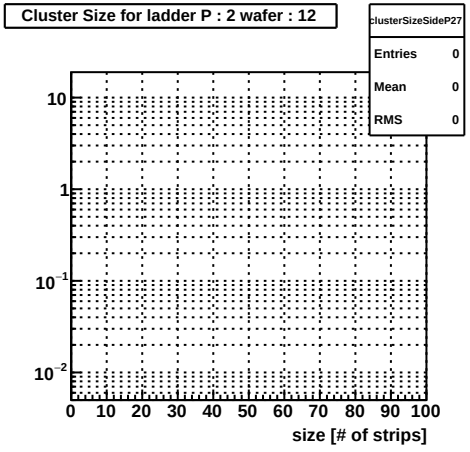

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

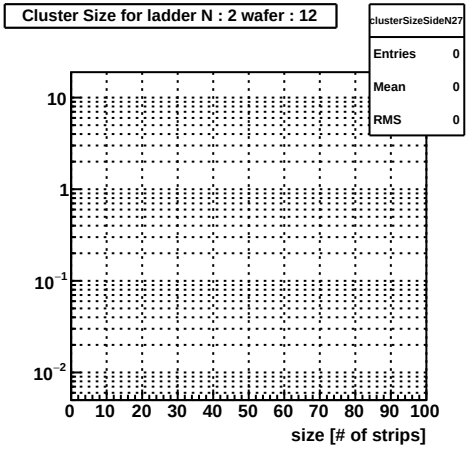

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

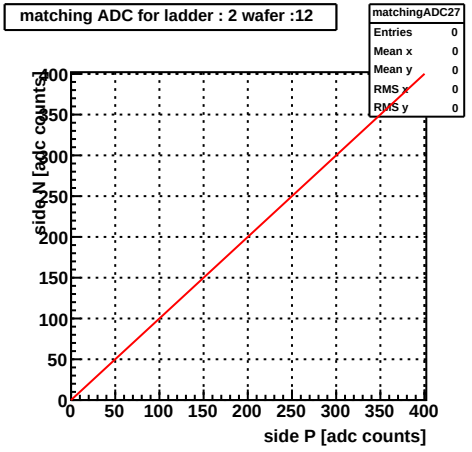

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

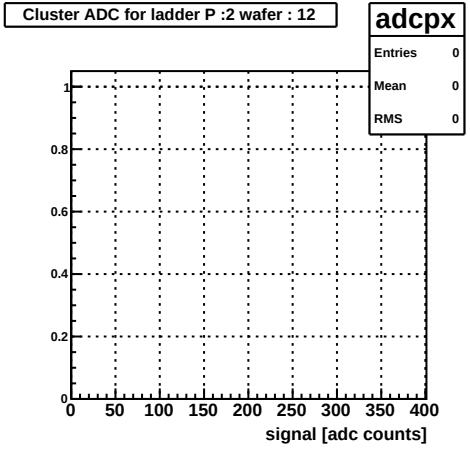

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

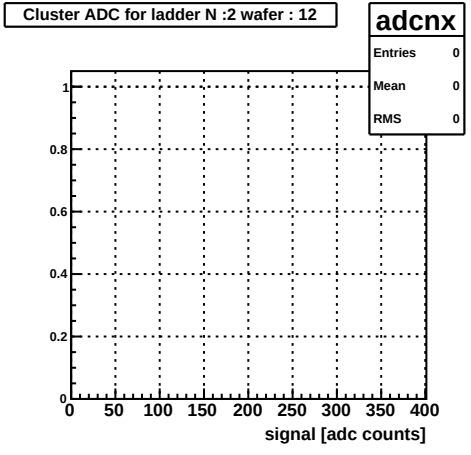

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

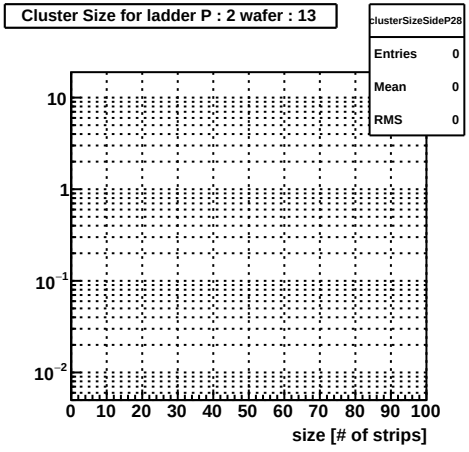

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

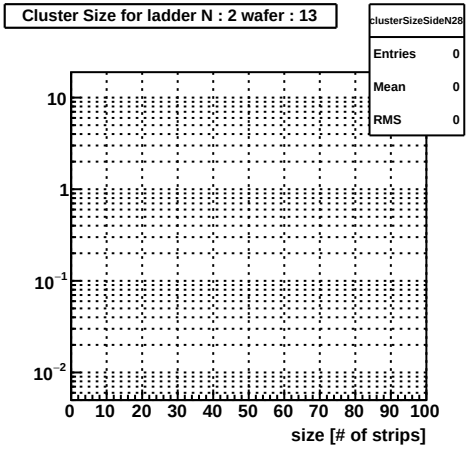

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

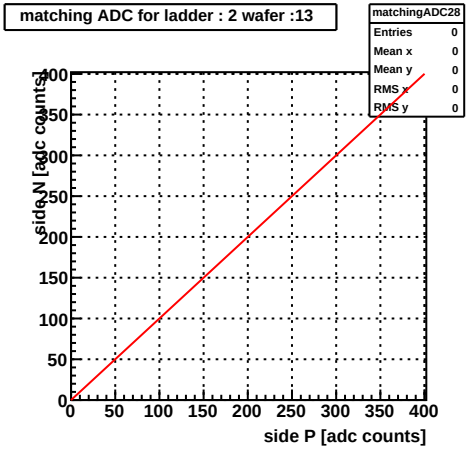

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

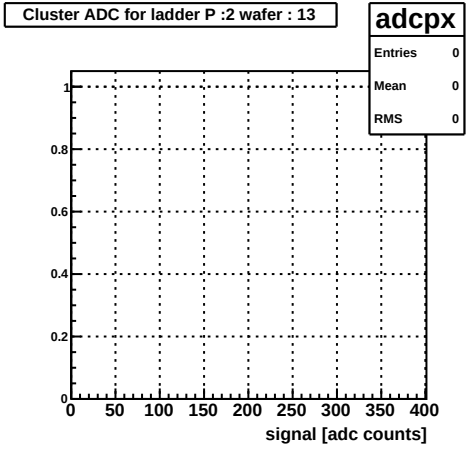

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

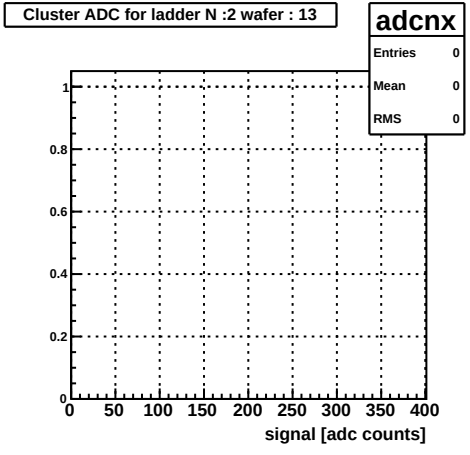

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

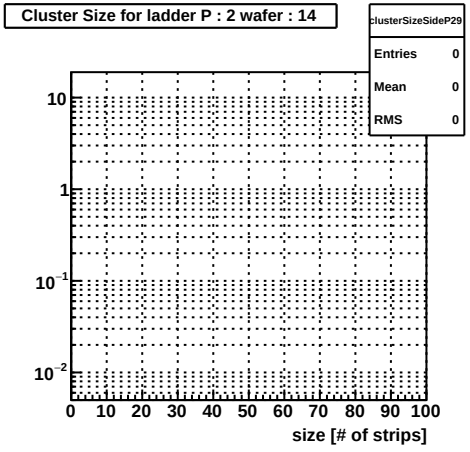

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

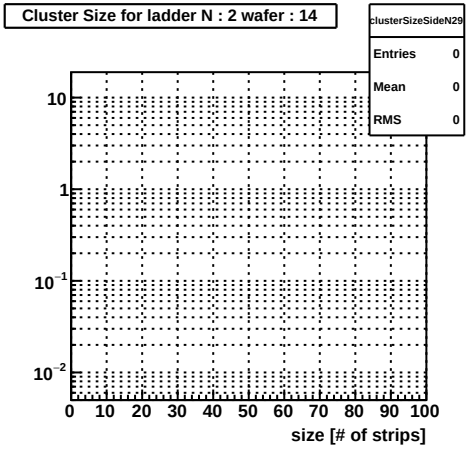

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

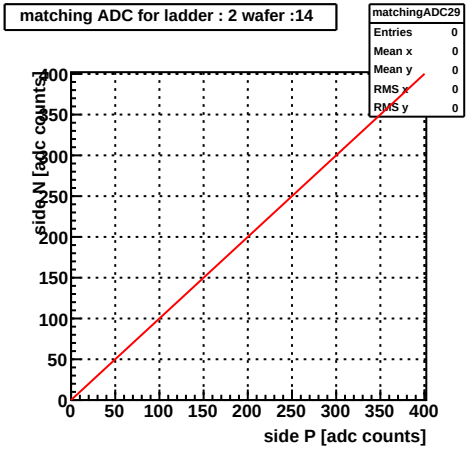

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

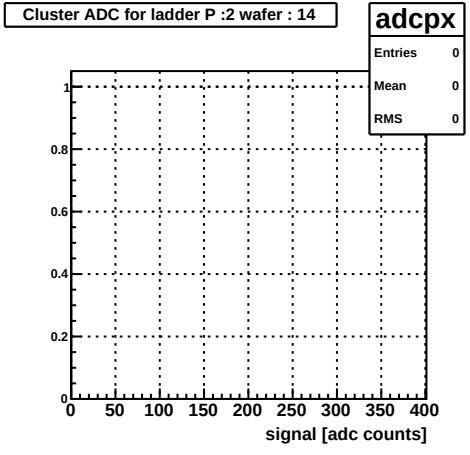

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

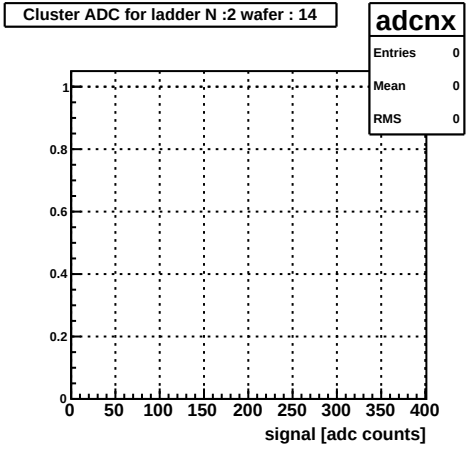

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

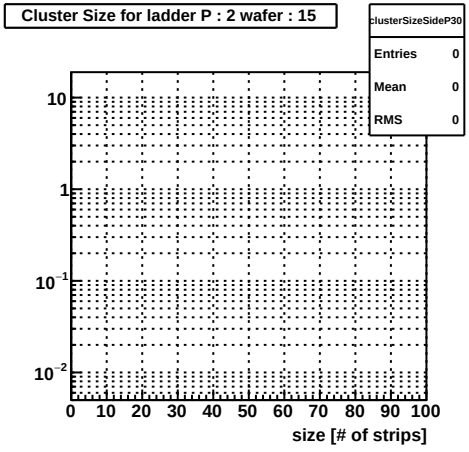

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

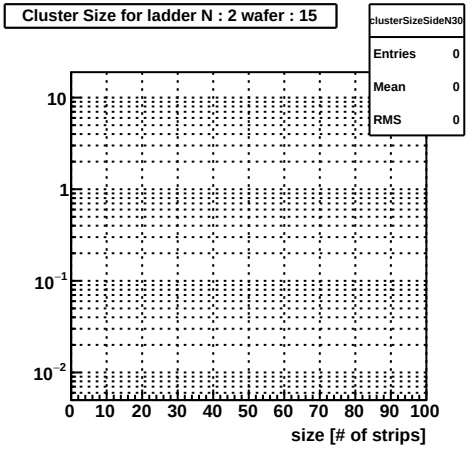

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

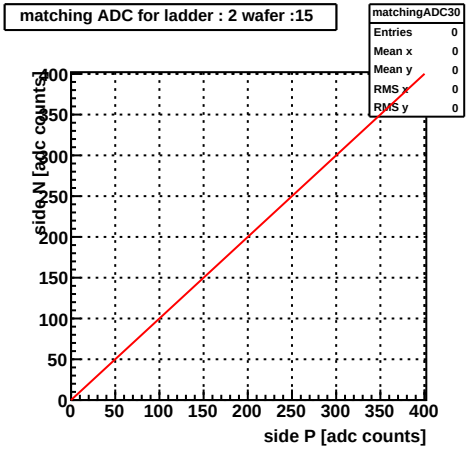

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

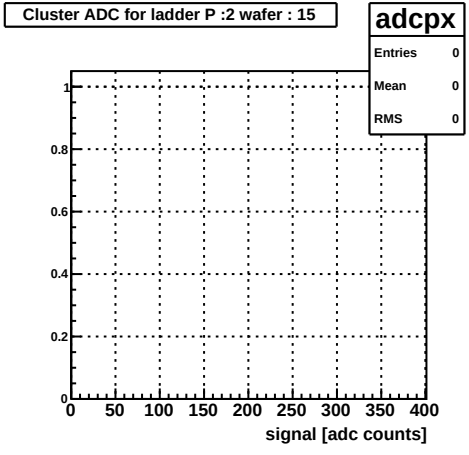

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

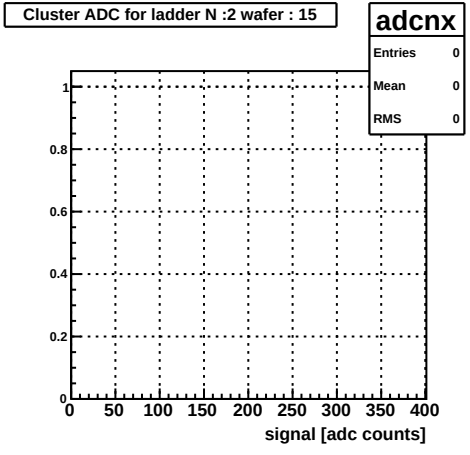

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

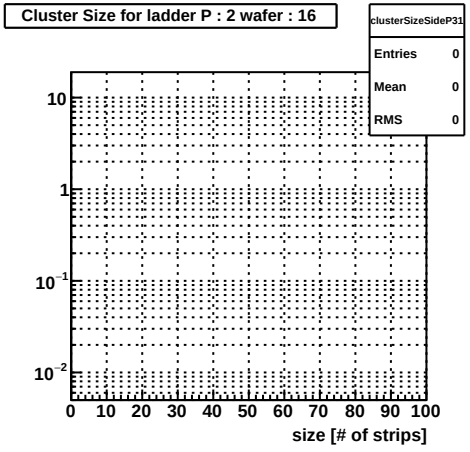

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

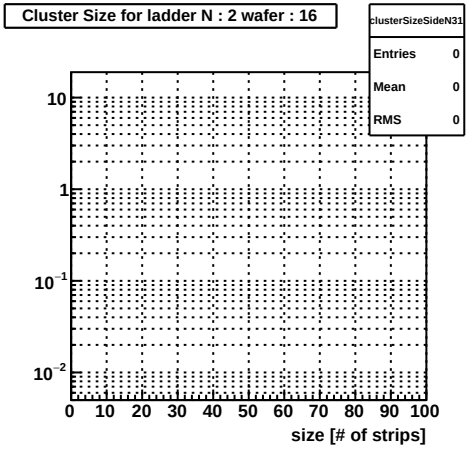

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

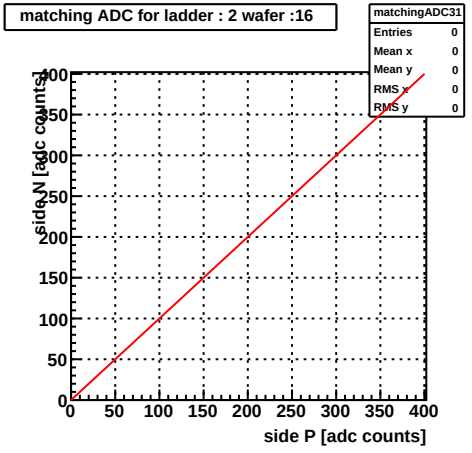

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

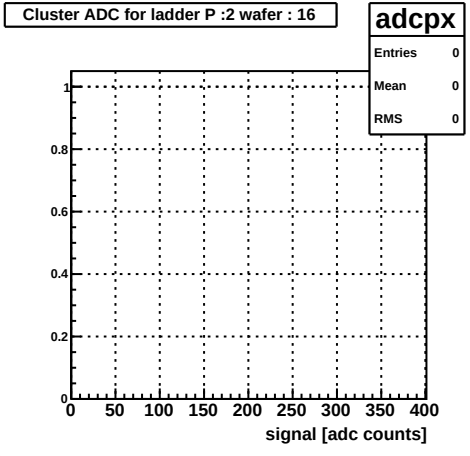

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

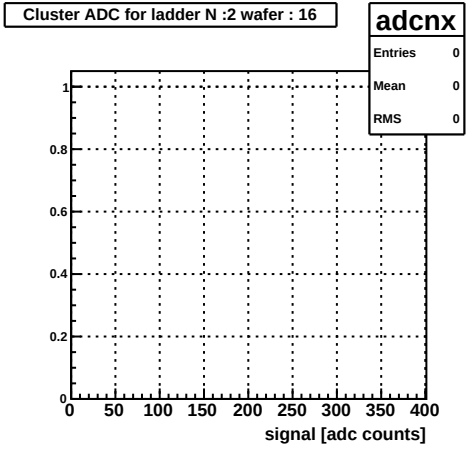

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

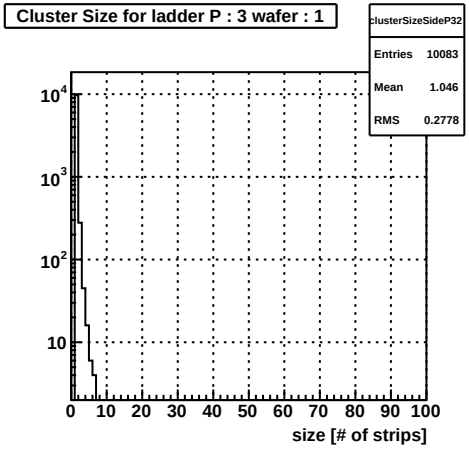

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

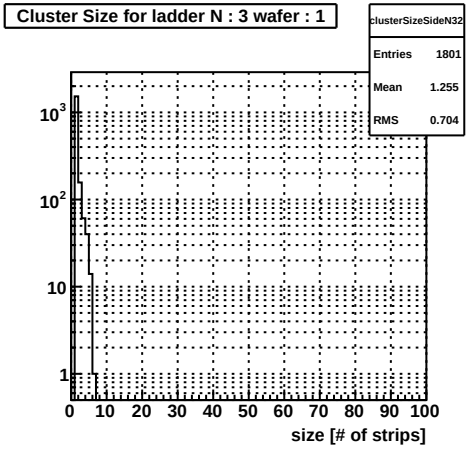

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

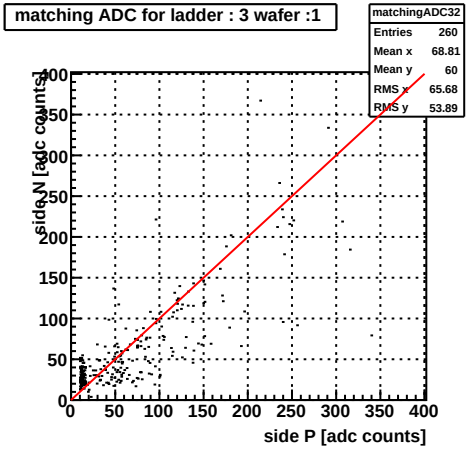

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

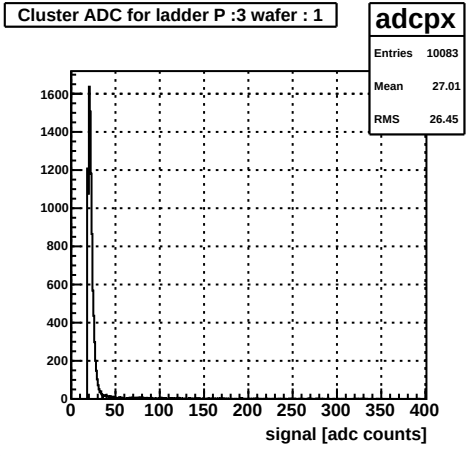

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

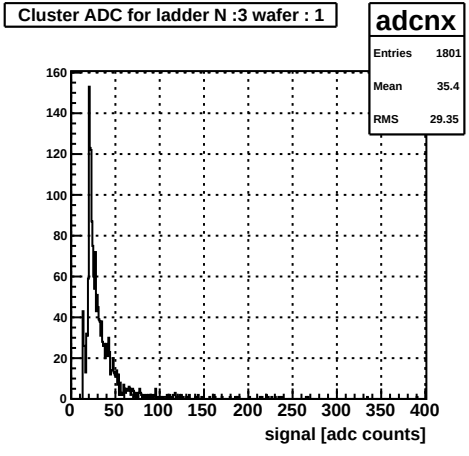

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

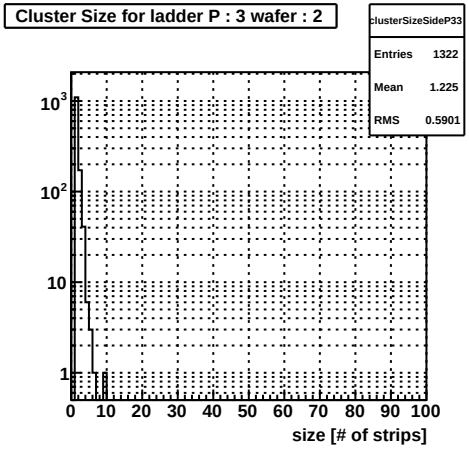

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10083
Mean 1.046
RMS 0.2778
size [# of strips]

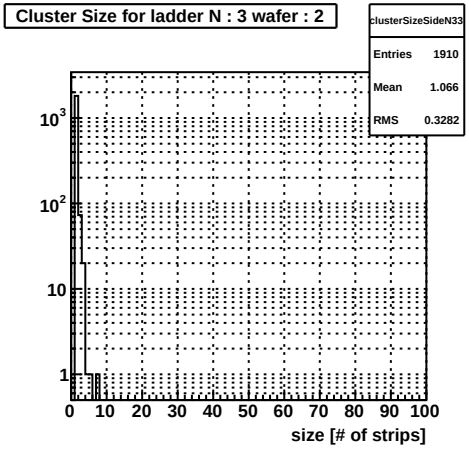

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1801
Mean 1.255
RMS 0.704
size [# of strips]

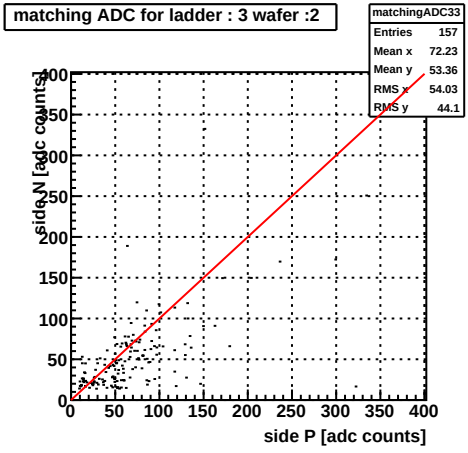

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 260
Mean x 68.81
Mean y 60
RMS x 65.68
RMS y 53.89
side N [adc counts]
side P [adc counts]

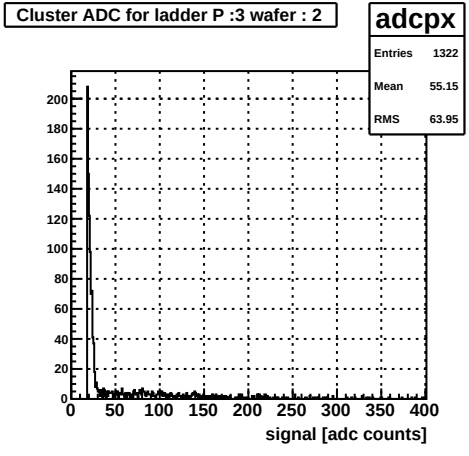

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10083
Mean 27.01
RMS 26.45
signal [adc counts]

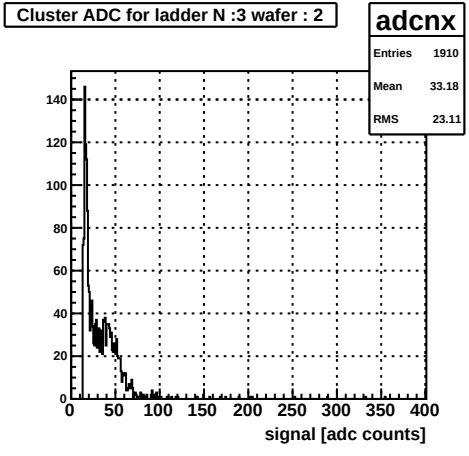

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1801
Mean 35.4
RMS 29.35
signal [adc counts]

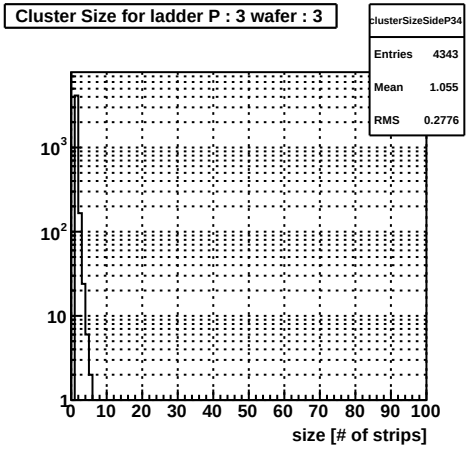

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1322
Mean 1.225
RMS 0.5901
size [# of strips]

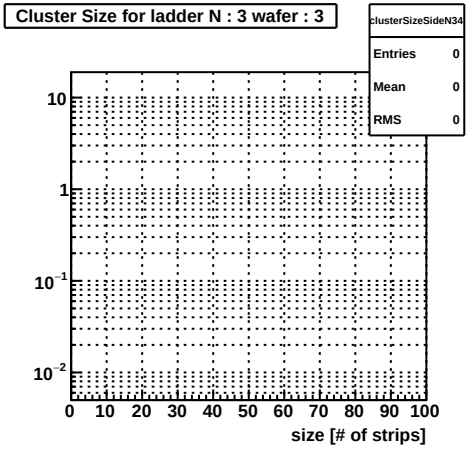

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1910
Mean 1.066
RMS 0.3282
size [# of strips]

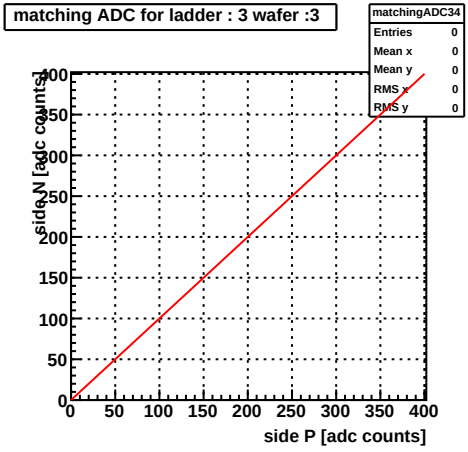

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 157
Mean x 72.23
Mean y 53.36
RMS x 54.03
RMS y 44.1
side N [adc counts]
side P [adc counts]

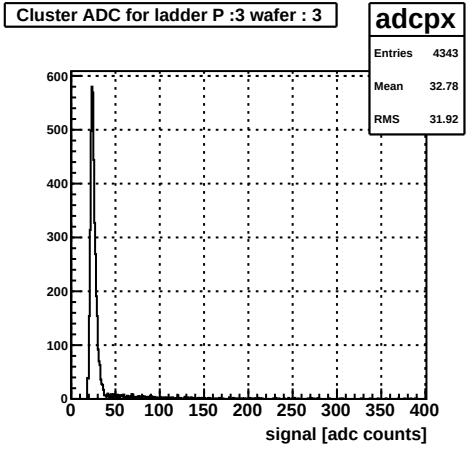

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1322
Mean 55.15
RMS 63.95
signal [adc counts]

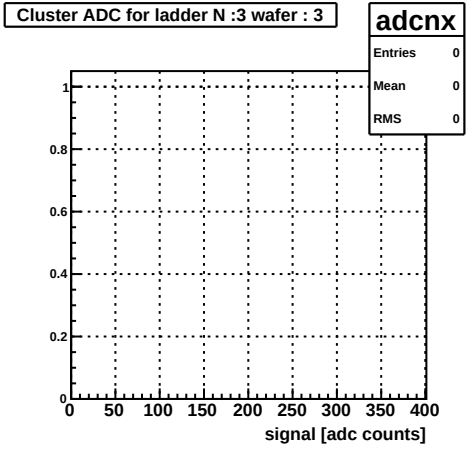

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1910
Mean 33.18
RMS 23.11
signal [adc counts]

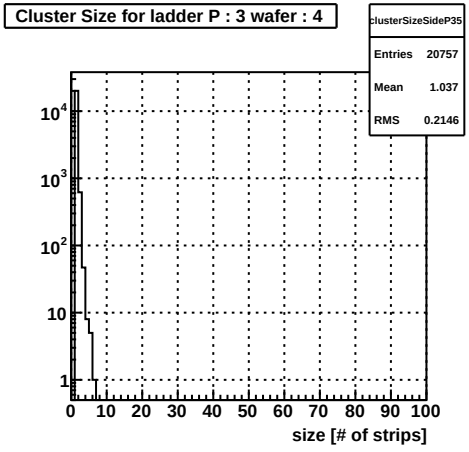

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4343
Mean 1.055
RMS 0.2776
size [# of strips]

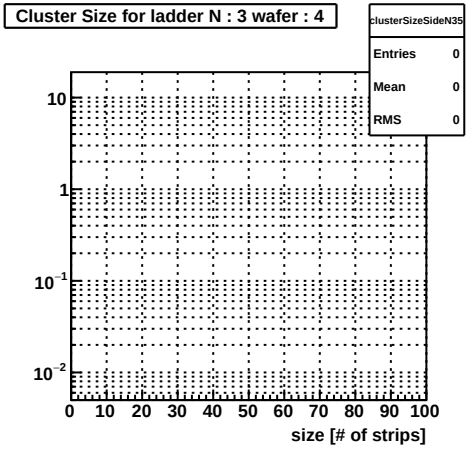

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

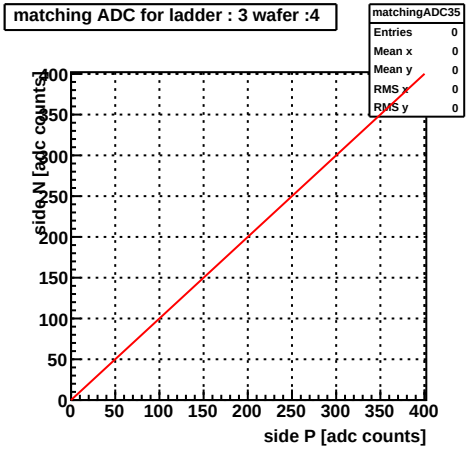

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

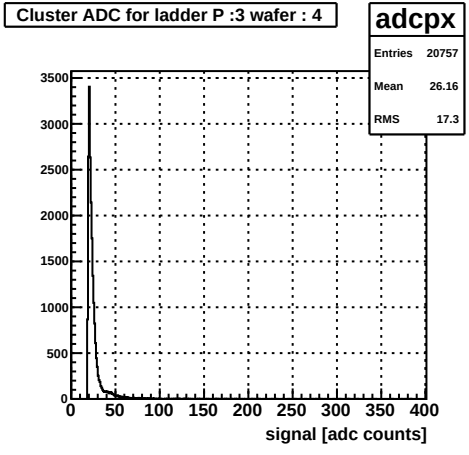

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4343
Mean 32.78
RMS 31.92
signal [adc counts]

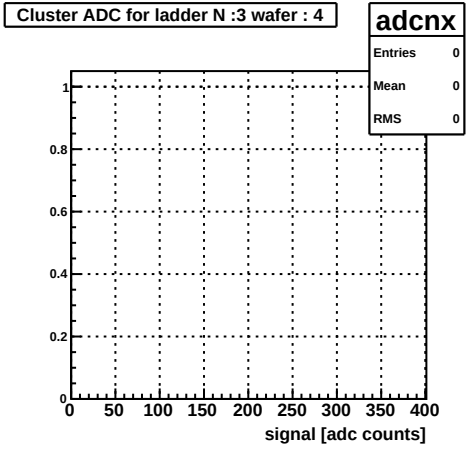

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

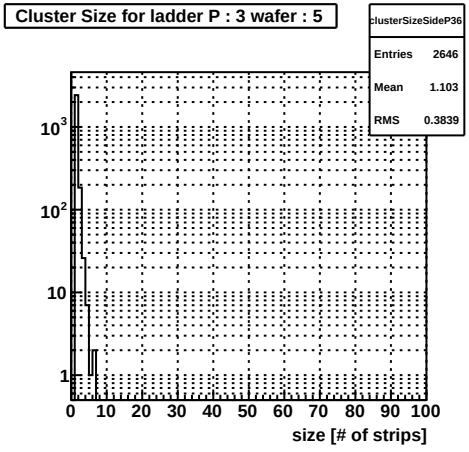

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 20757
Mean 1.037
RMS 0.2146
size [# of strips]

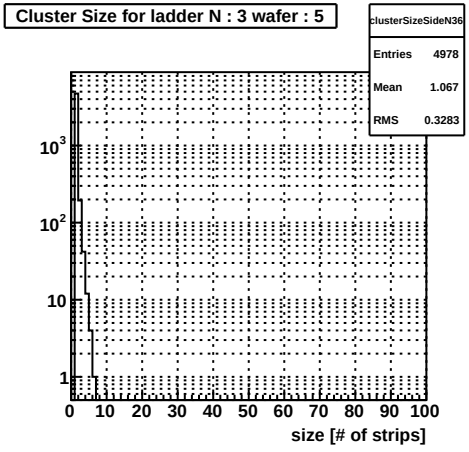

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

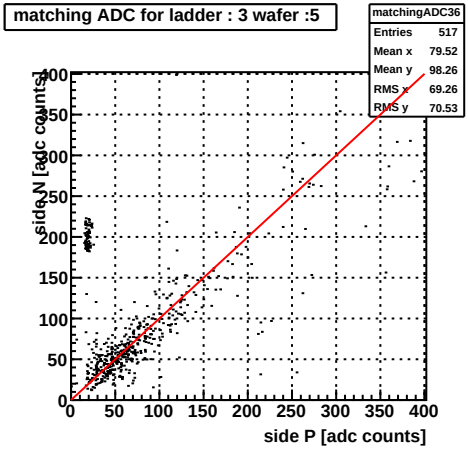

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

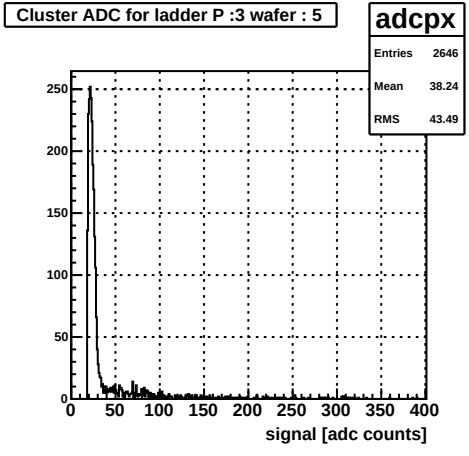

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 20757
Mean 26.16
RMS 17.3
signal [adc counts]

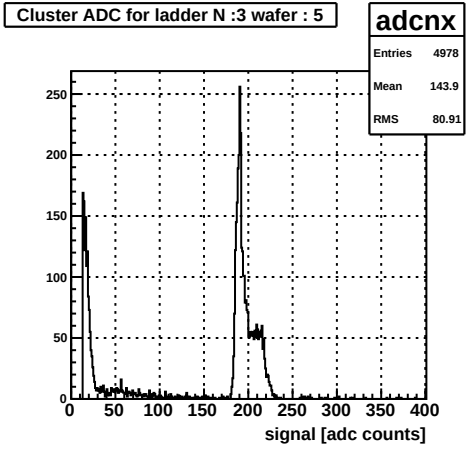

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

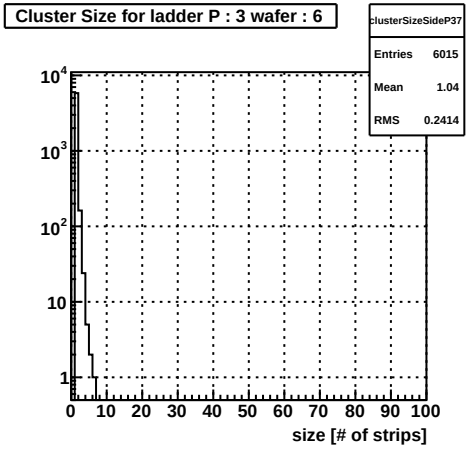

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2646
Mean 1.103
RMS 0.3839
size [# of strips]

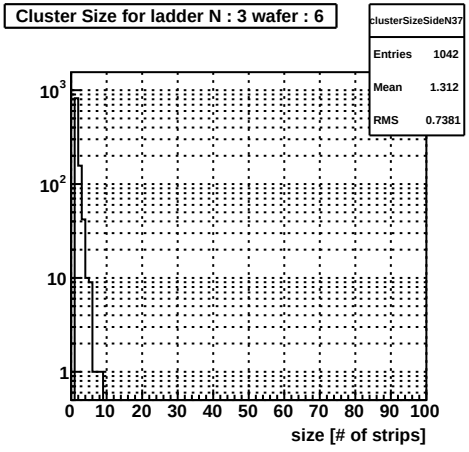

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4978
Mean 1.067
RMS 0.3283
size [# of strips]

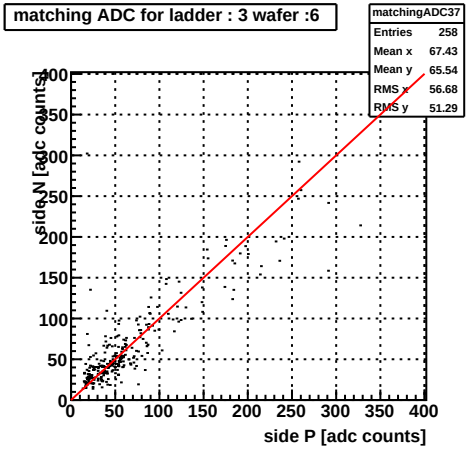

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 517
Mean x 79.52
Mean y 98.26
RMS x 69.26
RMS y 70.53
side N [adc counts]
side P [adc counts]

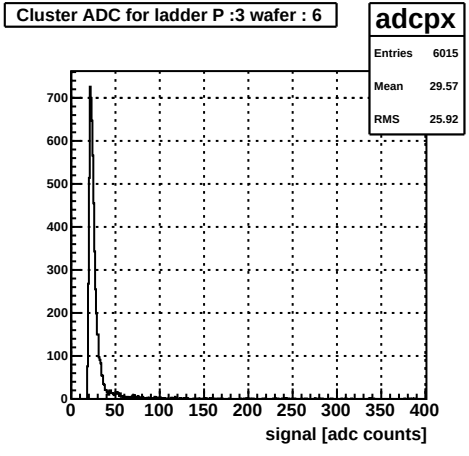

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2646
Mean 38.24
RMS 43.49
signal [adc counts]

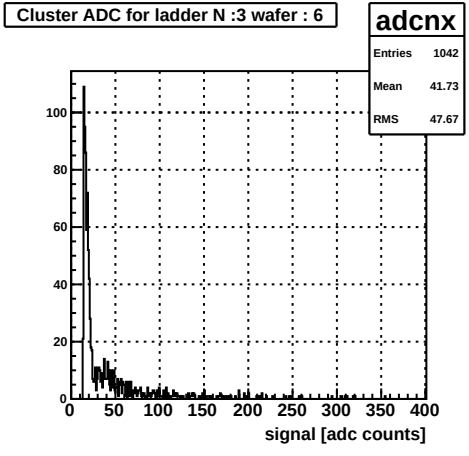

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4978
Mean 143.9
RMS 80.91
signal [adc counts]

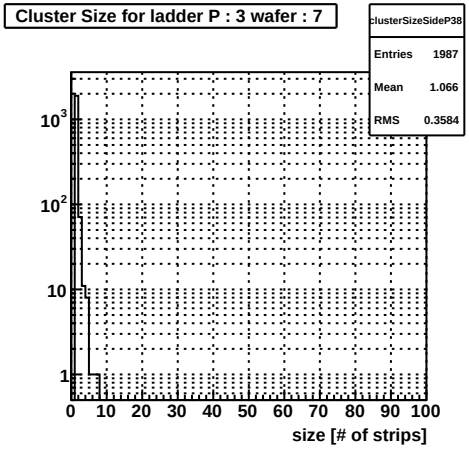

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6015
Mean 1.04
RMS 0.2414
size [# of strips]

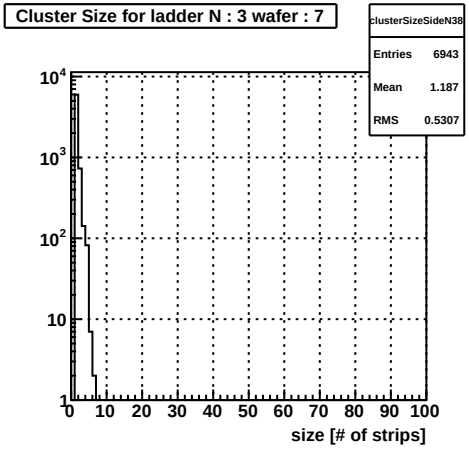

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1042
Mean 1.312
RMS 0.7381
size [# of strips]

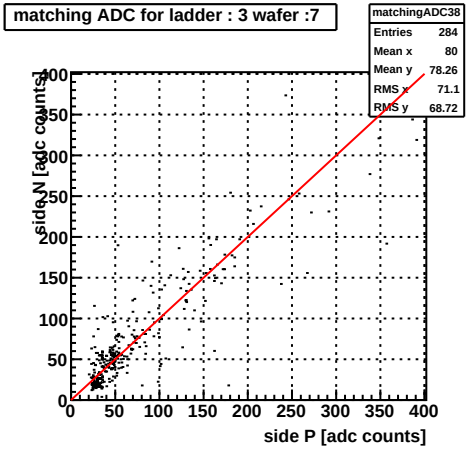

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 258
Mean x 67.43
Mean y 65.54
RMS x 56.68
RMS y 51.29
side N [adc counts]
side P [adc counts]

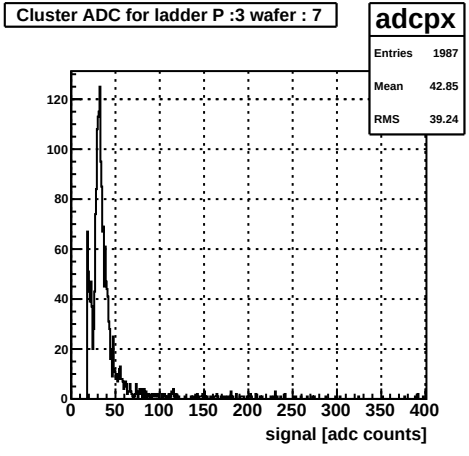

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6015
Mean 29.57
RMS 25.92
signal [adc counts]

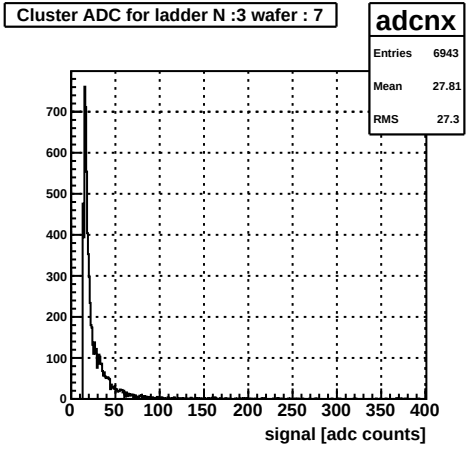

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1042
Mean 41.73
RMS 47.67
signal [adc counts]

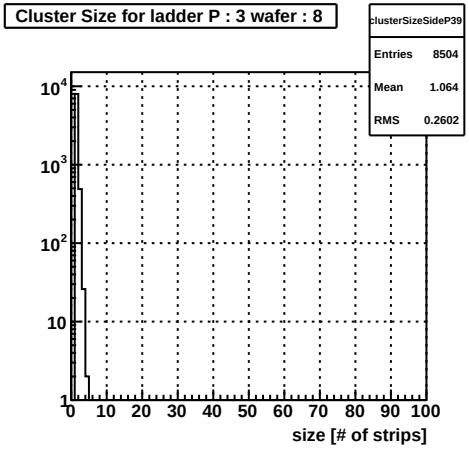

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1987
Mean 1.066
RMS 0.3584
size [# of strips]

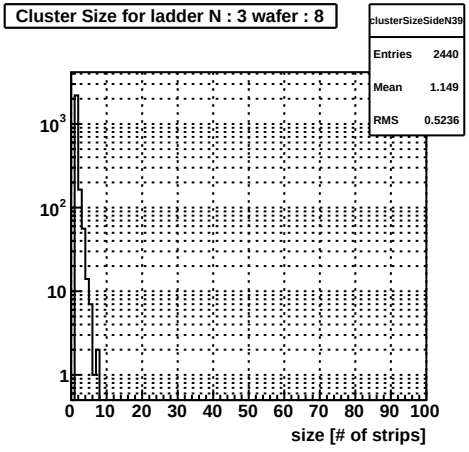

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6943
Mean 1.187
RMS 0.5307
size [# of strips]

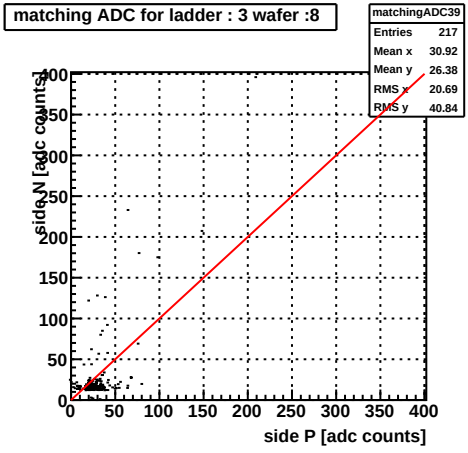

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 284
Mean x 80
Mean y 78.26
RMS x 71.1
RMS y 68.72
side N [adc counts]
side P [adc counts]

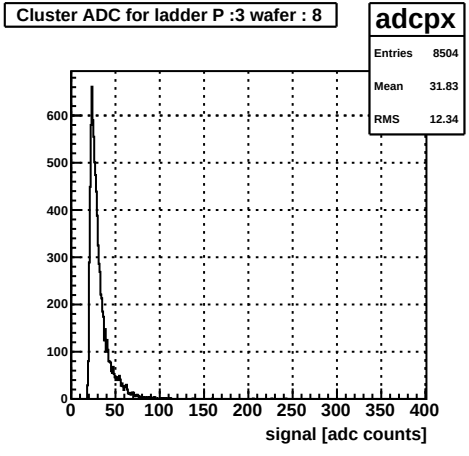

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1987
Mean 42.85
RMS 39.24
signal [adc counts]

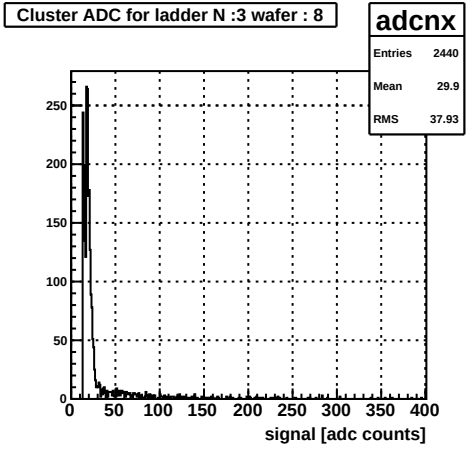

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6943
Mean 27.81
RMS 27.3
signal [adc counts]

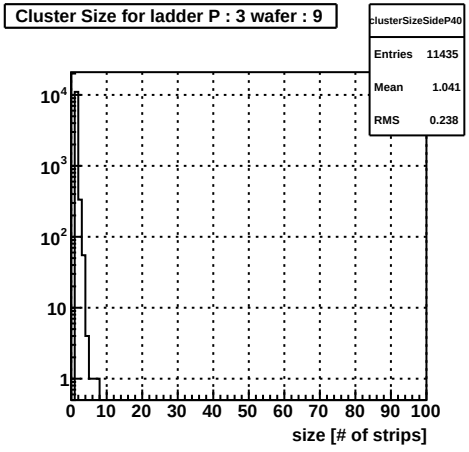

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8504
Mean 1.064
RMS 0.2602
size [# of strips]

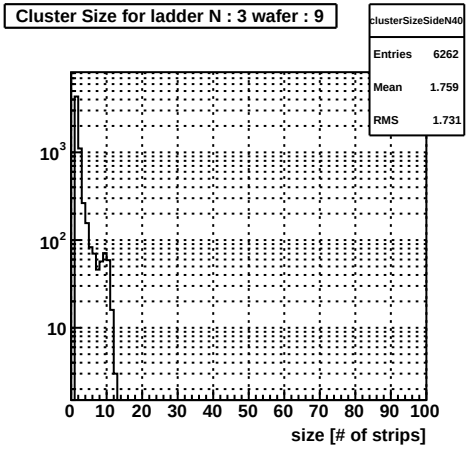

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2440
Mean 1.149
RMS 0.5236
size [# of strips]

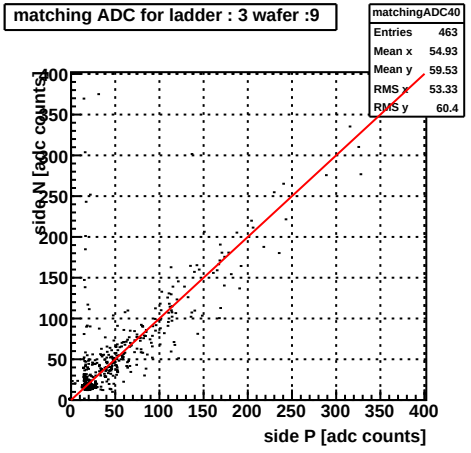

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 217
Mean x 30.92
Mean y 26.38
RMS x 20.69
RMS y 40.84
side N [adc counts]
side P [adc counts]

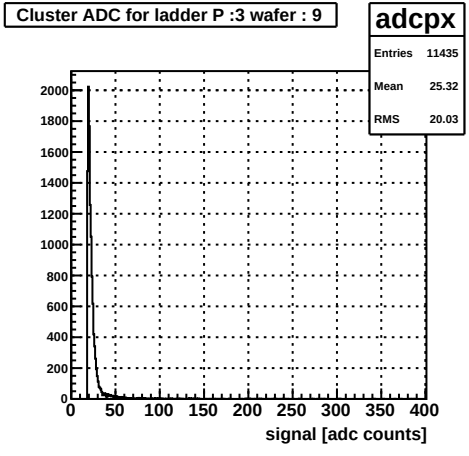

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8504
Mean 31.83
RMS 12.34
signal [adc counts]

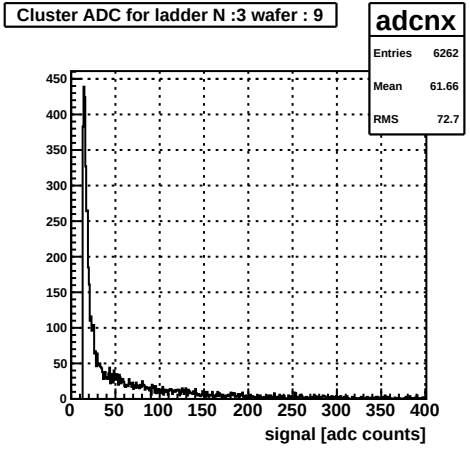

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2440
Mean 29.9
RMS 37.93
signal [adc counts]

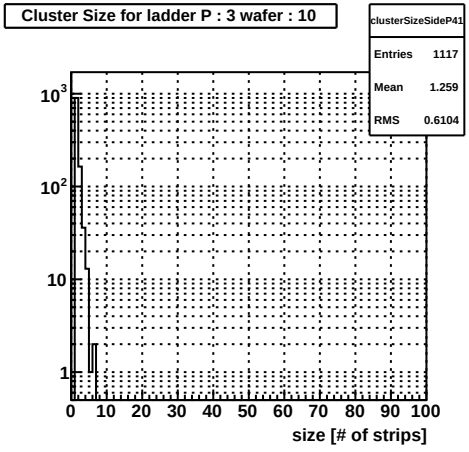

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 11435
Mean 1.041
RMS 0.238
size [# of strips]

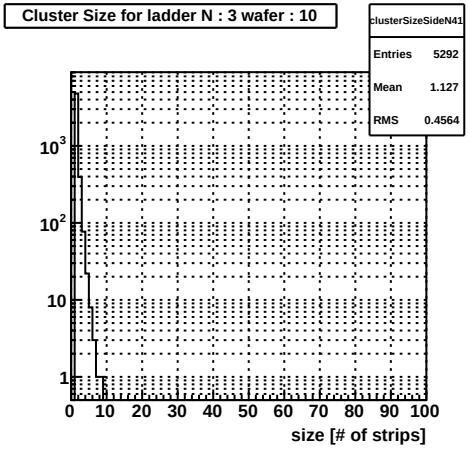

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6262
Mean 1.759
RMS 1.731
size [# of strips]

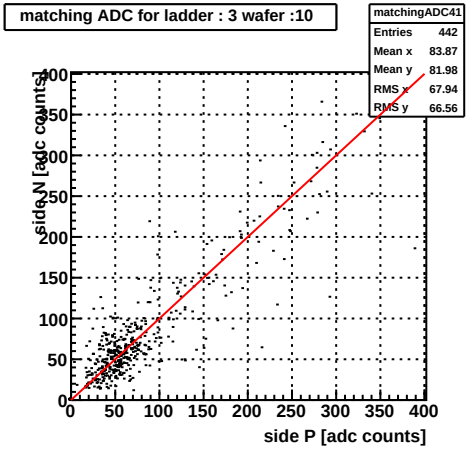

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 463
Mean x 54.93
Mean y 59.53
RMS x 53.33
RMS y 60.4
side N [adc counts]
side P [adc counts]

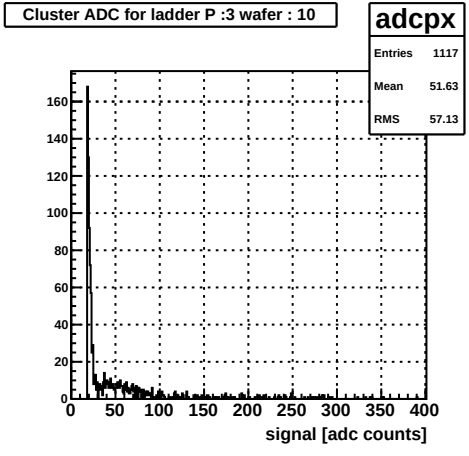

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 11435
Mean 25.32
RMS 20.03
signal [adc counts]

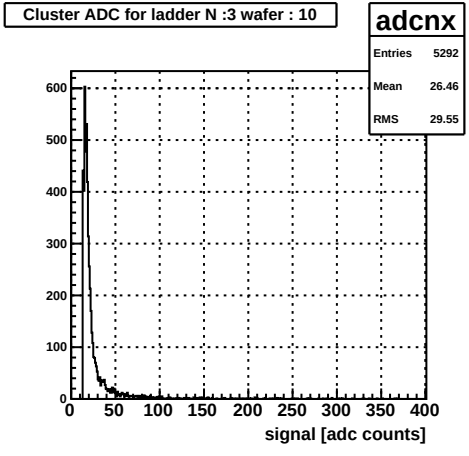

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6262
Mean 61.66
RMS 72.7
signal [adc counts]

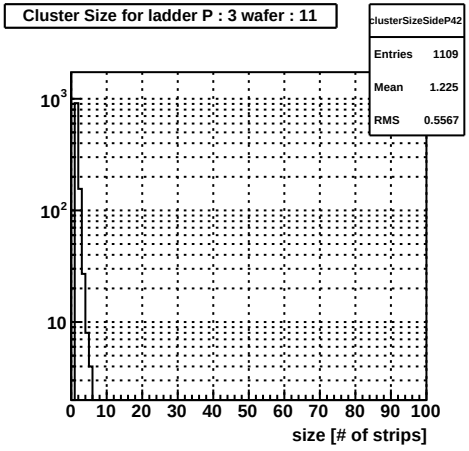

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1117
Mean 1.259
RMS 0.6104
size [# of strips]

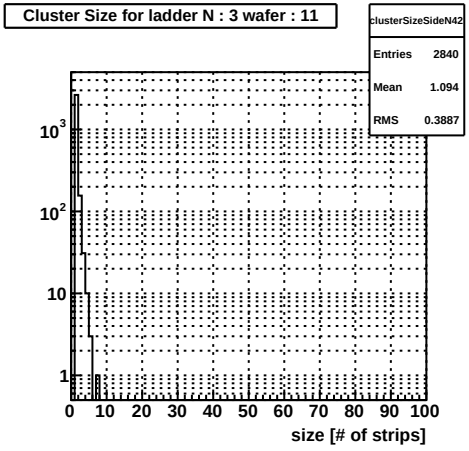

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5292
Mean 1.127
RMS 0.4564
size [# of strips]

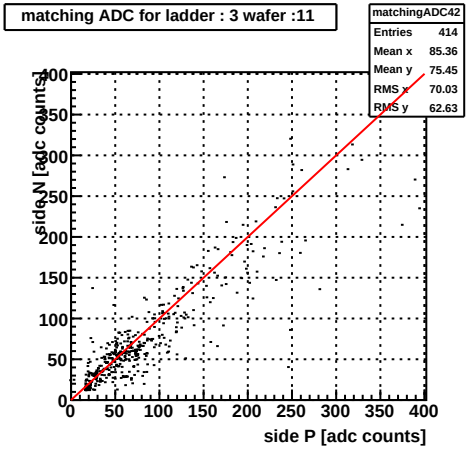

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 442
Mean x 83.87
Mean y 81.98
RMS x 67.94
RMS y 66.56
side N [adc counts]
side P [adc counts]

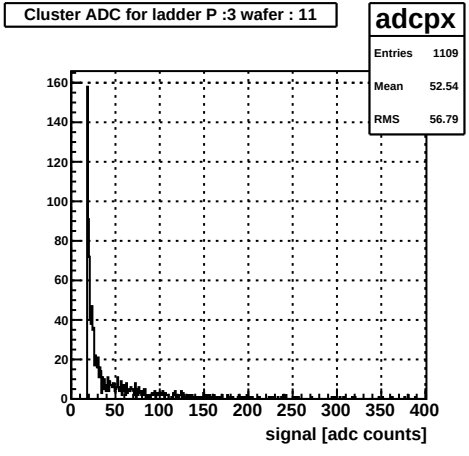

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1117
Mean 51.63
RMS 57.13
signal [adc counts]

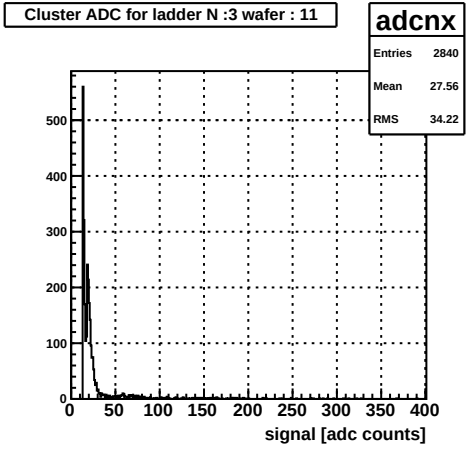

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5292
Mean 26.46
RMS 29.55
signal [adc counts]

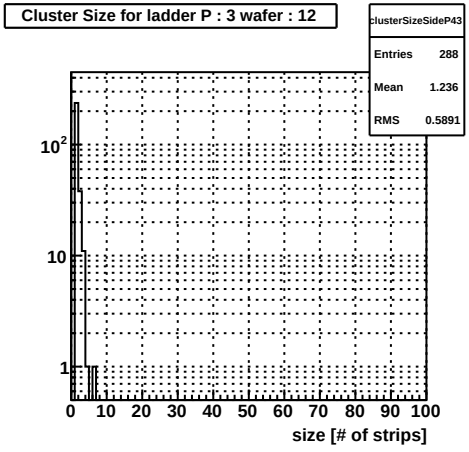

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1109
Mean 1.225
RMS 0.5567
size [# of strips]

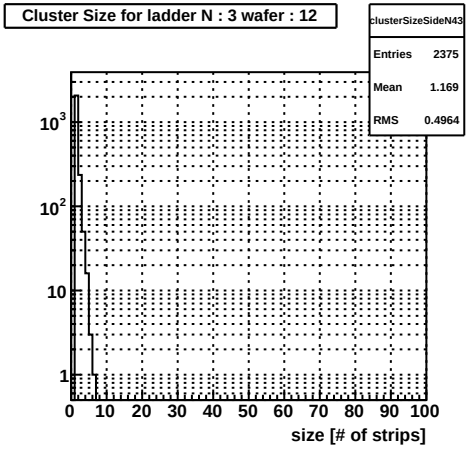

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2840
Mean 1.094
RMS 0.3887
size [# of strips]

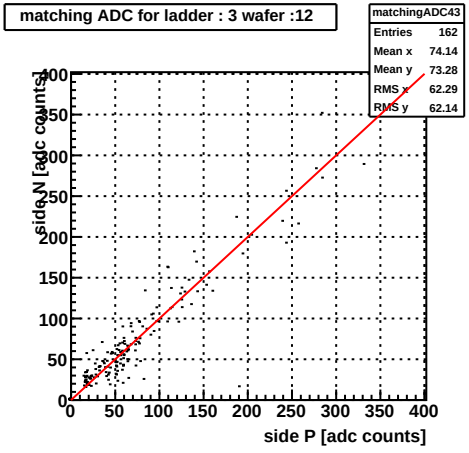

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 414
Mean x 85.36
Mean y 75.45
RMS x 70.03
RMS y 62.63
side N [adc counts]
side P [adc counts]

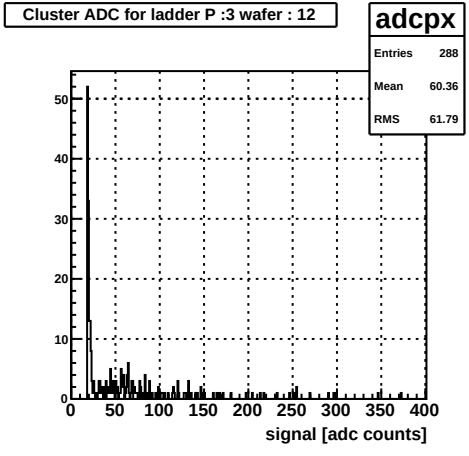

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1109
Mean 52.54
RMS 56.79
signal [adc counts]

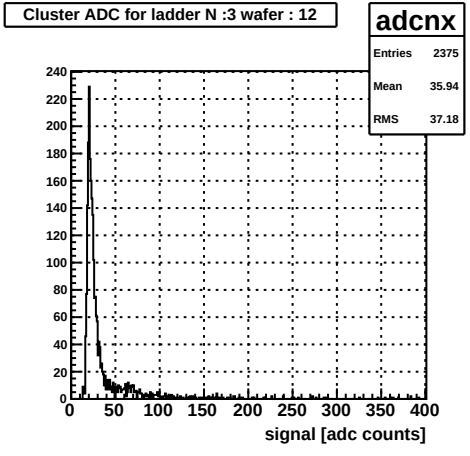

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2840
Mean 27.56
RMS 34.22
signal [adc counts]

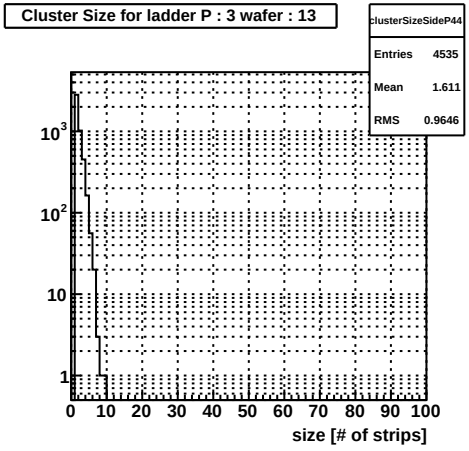

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 288
Mean 1.236
RMS 0.5891
size [# of strips]

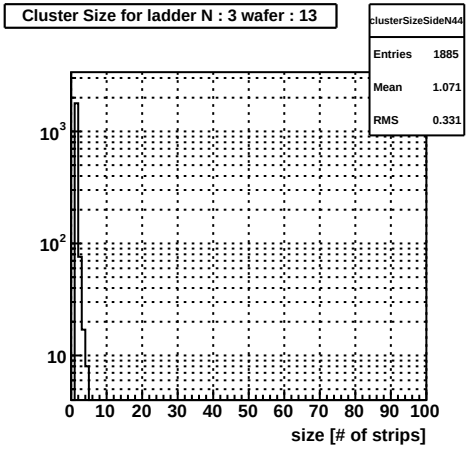

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2375
Mean 1.169
RMS 0.4964
size [# of strips]

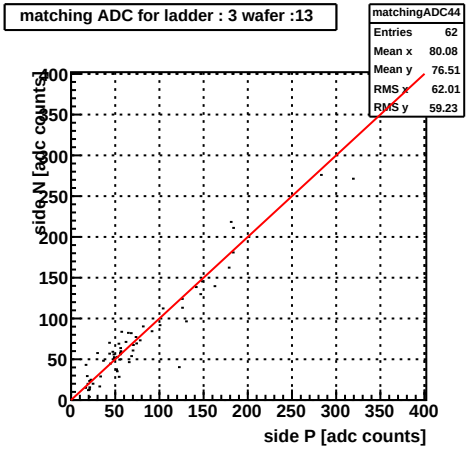

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 162
Mean x 74.14
Mean y 73.28
RMS x 62.29
RMS y 62.14
side N [adc counts]
side P [adc counts]

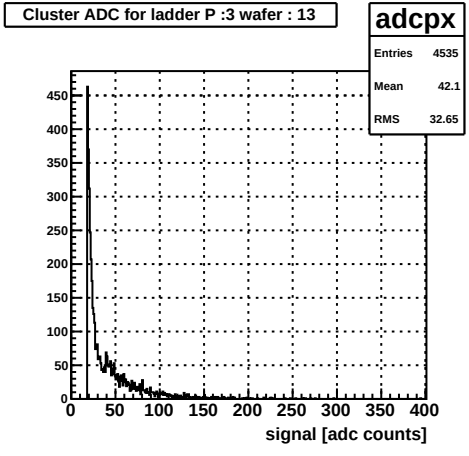

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 288
Mean 60.36
RMS 61.79
signal [adc counts]

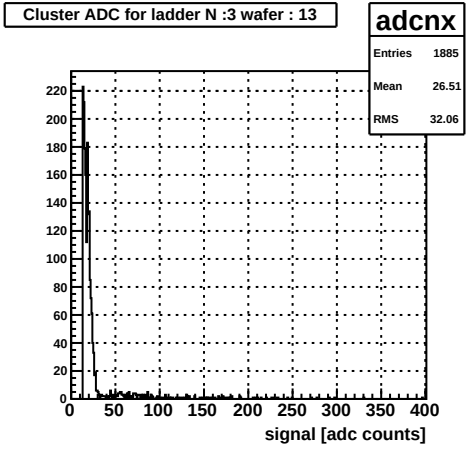

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2375
Mean 35.94
RMS 37.18
signal [adc counts]

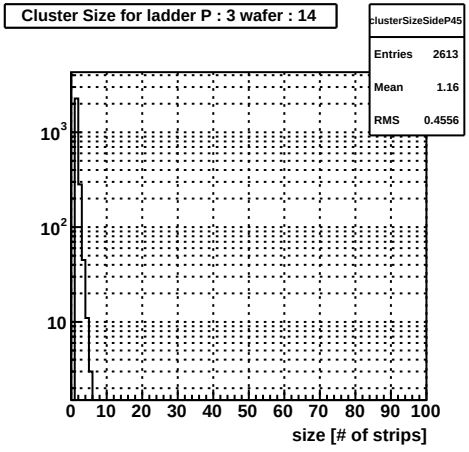

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4535
Mean 1.611
RMS 0.9646
size [# of strips]

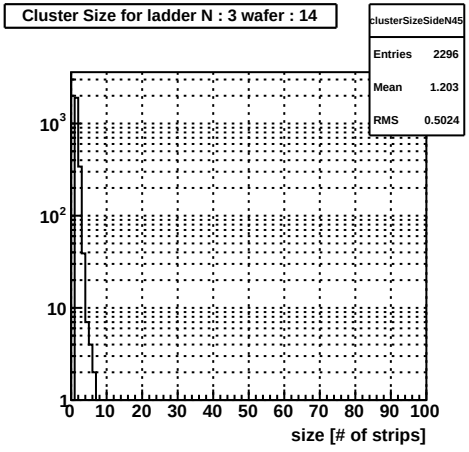

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1885
Mean 1.071
RMS 0.331
size [# of strips]

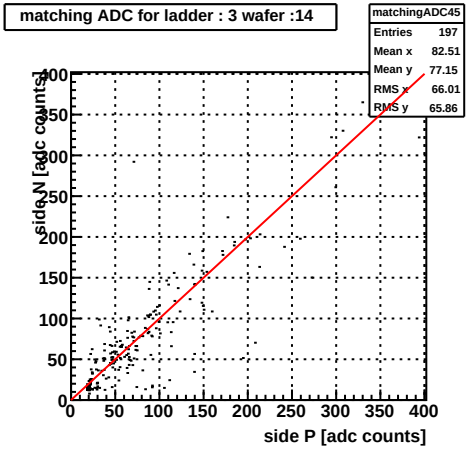

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 62
Mean x 80.08
Mean y 76.51
RMS x 62.01
RMS y 59.23
side N [adc counts]
side P [adc counts]

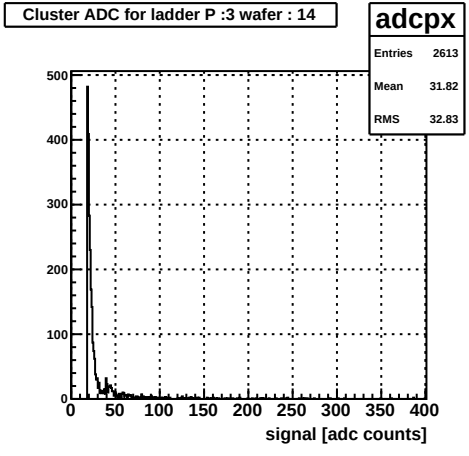

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4535
Mean 42.1
RMS 32.65
signal [adc counts]

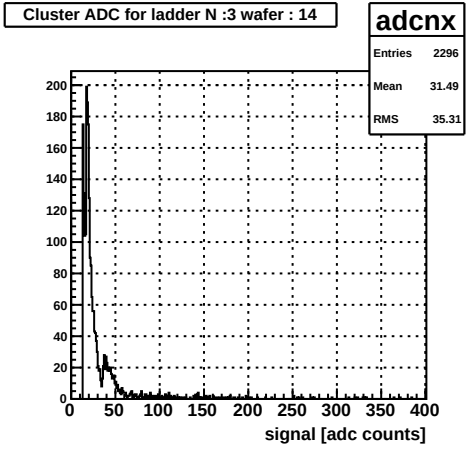

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1885
Mean 26.51
RMS 32.06
signal [adc counts]

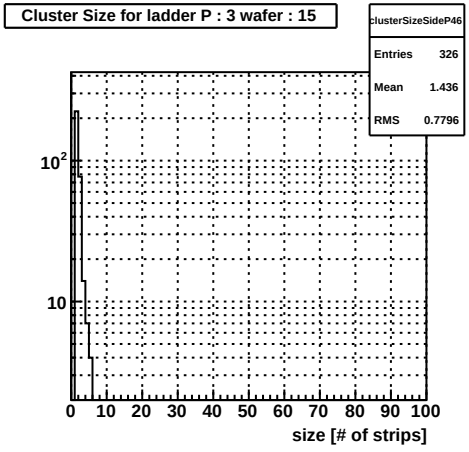

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2613
Mean 1.16
RMS 0.4556
size [# of strips]

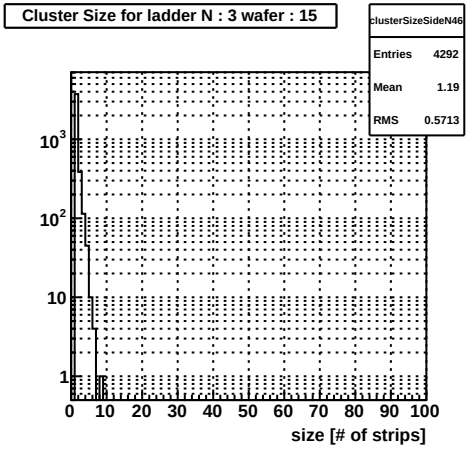

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2296
Mean 1.203
RMS 0.5024
size [# of strips]

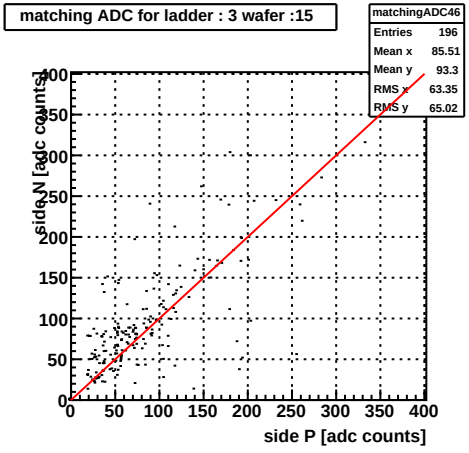

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 197
Mean x 82.51
Mean y 77.15
RMS x 66.01
RMS y 65.86
side N [adc counts]
side P [adc counts]

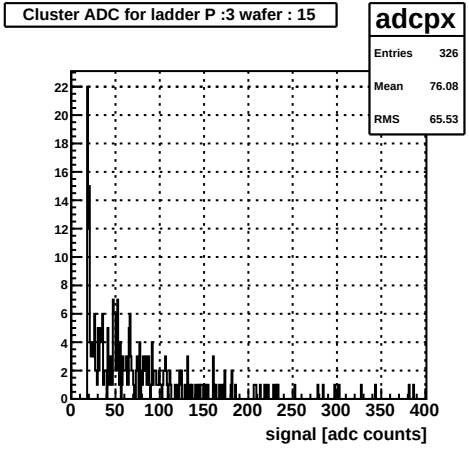

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2613
Mean 31.82
RMS 32.83
signal [adc counts]

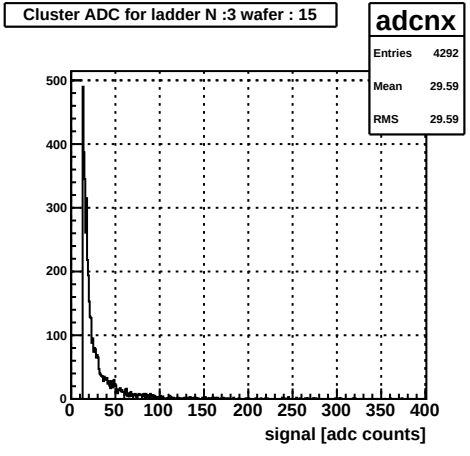

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2296
Mean 31.49
RMS 35.31
signal [adc counts]

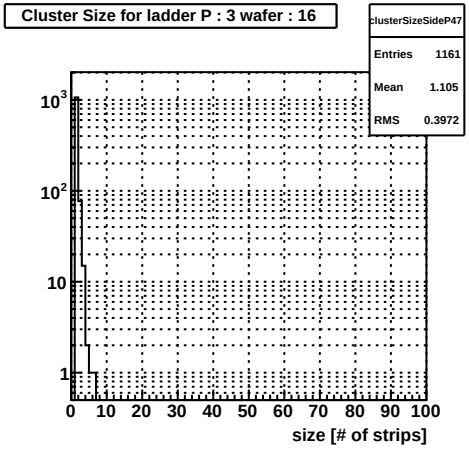

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 326
Mean 1.436
RMS 0.7796
size [# of strips]

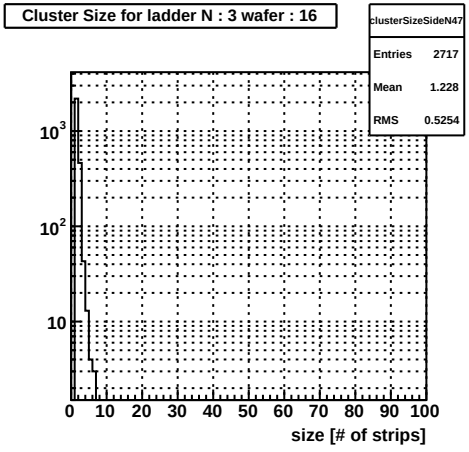

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4292
Mean 1.19
RMS 0.5713
size [# of strips]

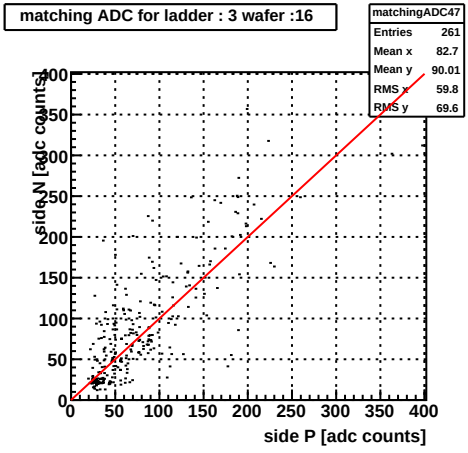

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 196
Mean x 85.51
Mean y 93.3
RMS x 63.35
RMS y 65.02
side N [adc counts]
side P [adc counts]

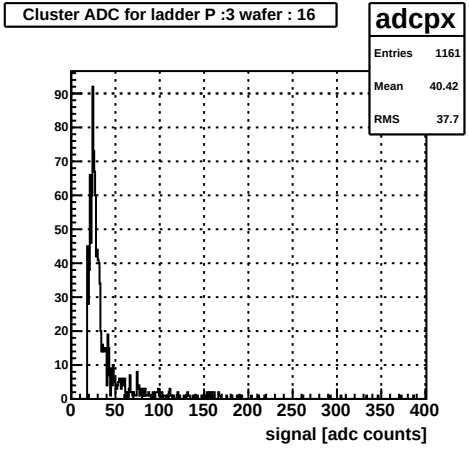

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 326
Mean 76.08
RMS 65.53
signal [adc counts]

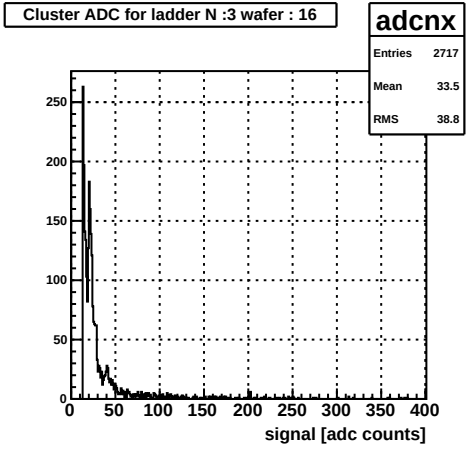

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4292
Mean 29.59
RMS 29.59
signal [adc counts]

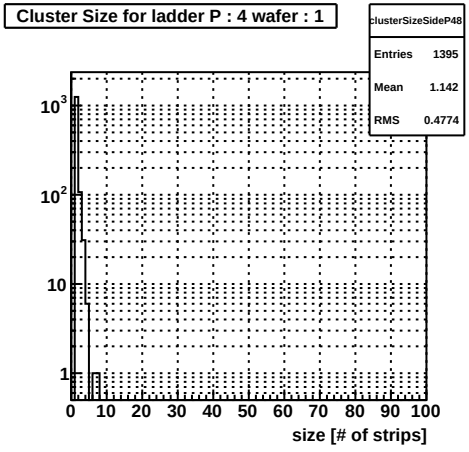

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1161
Mean 1.105
RMS 0.3972
size [# of strips]

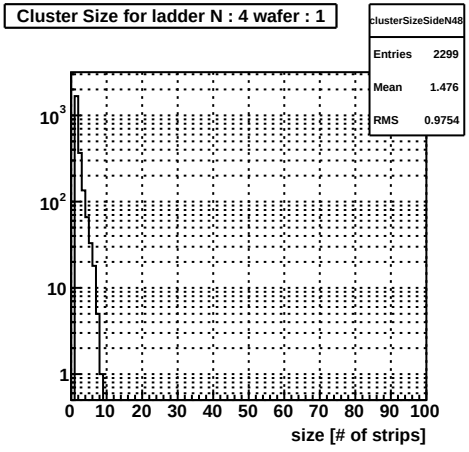

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2717
Mean 1.228
RMS 0.5254
size [# of strips]

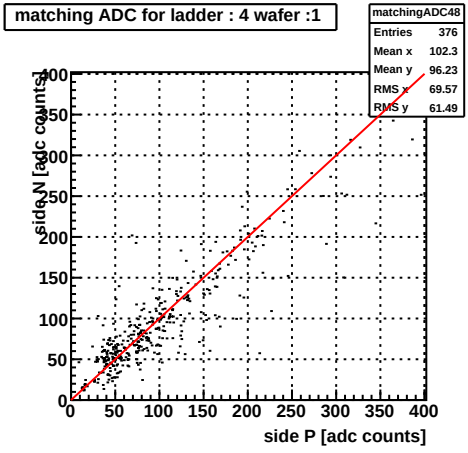

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 261
Mean x 82.7
Mean y 90.01
RMS x 59.8
RMS y 69.6
side N [adc counts]
side P [adc counts]

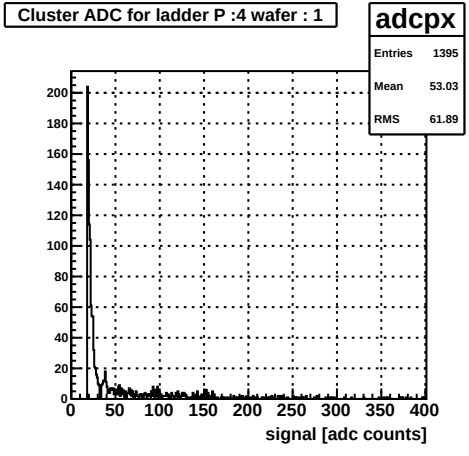

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1161
Mean 40.42
RMS 37.7
signal [adc counts]

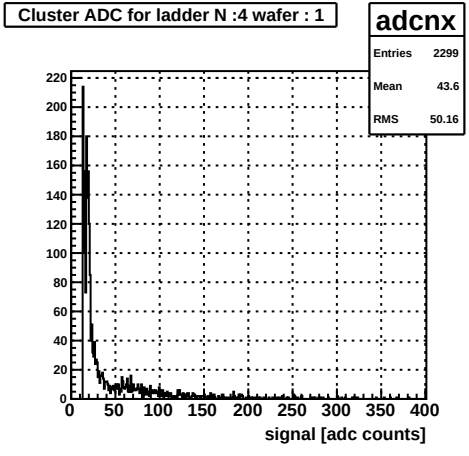

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2717
Mean 33.5
RMS 38.8
signal [adc counts]

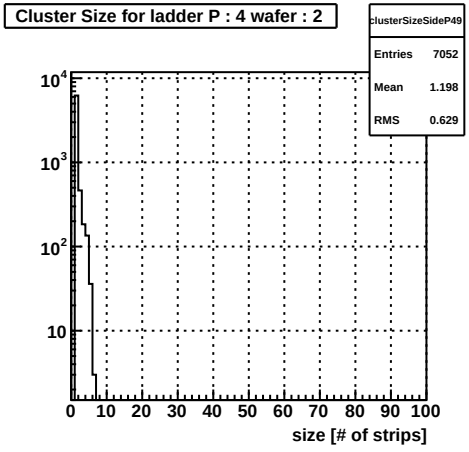

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1395
Mean 1.142
RMS 0.4774
size [# of strips]

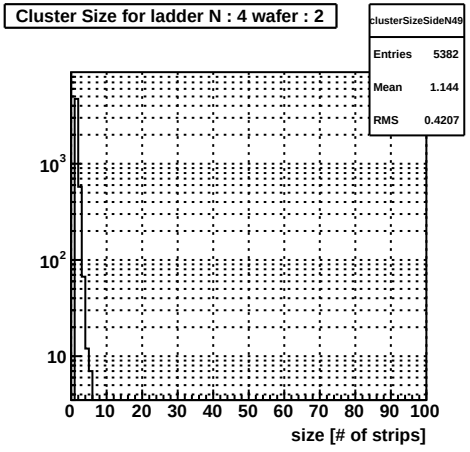

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2299
Mean 1.476
RMS 0.9754
size [# of strips]

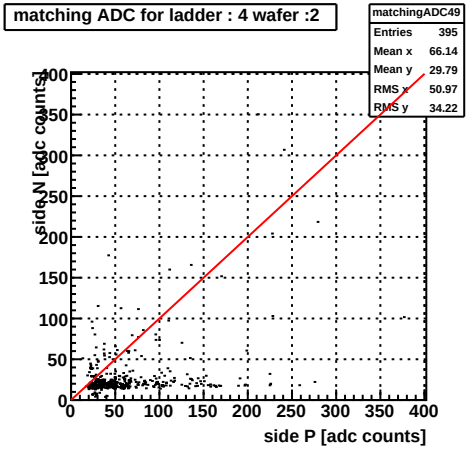

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 376
Mean x 102.3
Mean y 96.23
RMS x 69.57
RMS y 61.49
side N [adc counts]
side P [adc counts]

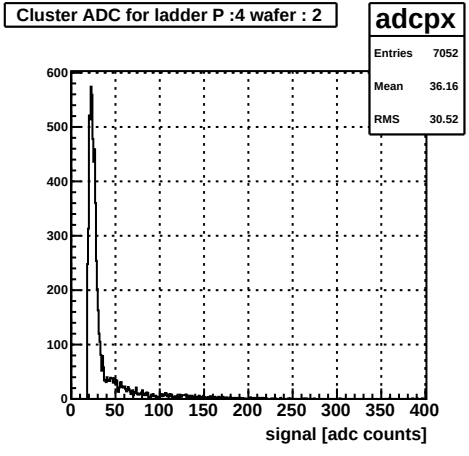

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1395
Mean 53.03
RMS 61.89
signal [adc counts]

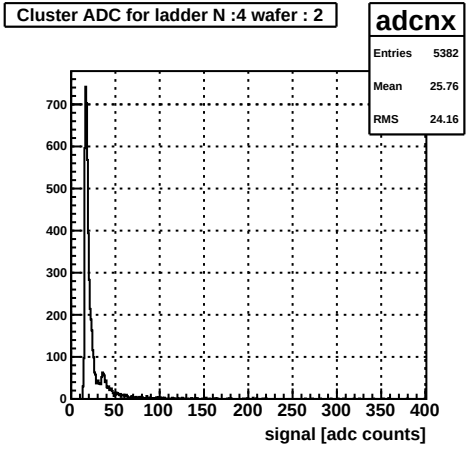

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2299
Mean 43.6
RMS 50.16
signal [adc counts]

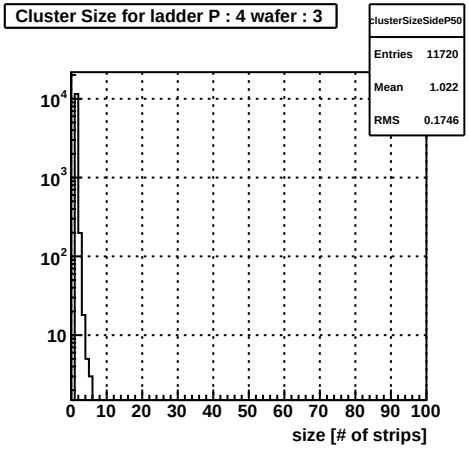

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7052
Mean 1.198
RMS 0.629
size [# of strips]

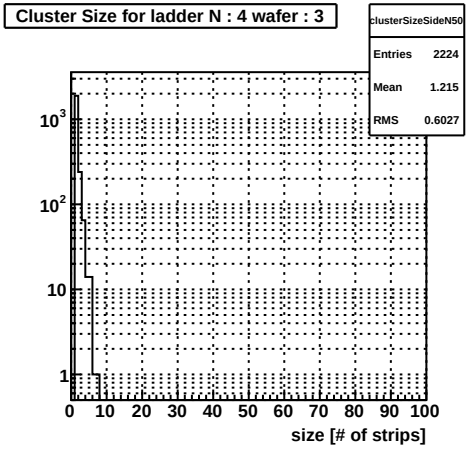

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5382
Mean 1.144
RMS 0.4207
size [# of strips]

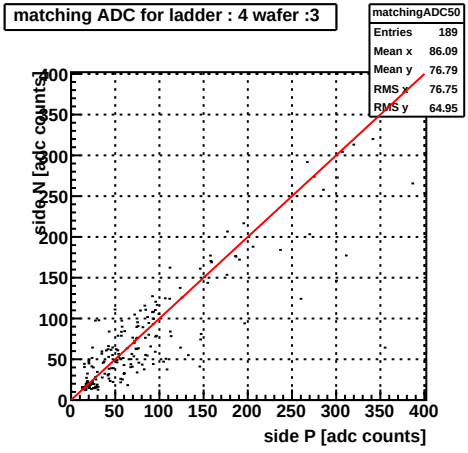

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 395
Mean x 66.14
Mean y 29.79
RMS x 50.97
RMS y 34.22
side N [adc counts]
side P [adc counts]

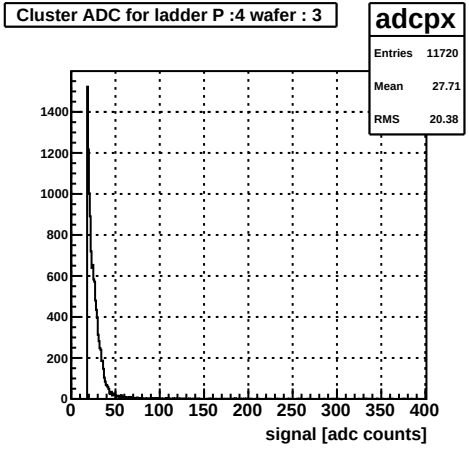

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7052
Mean 36.16
RMS 30.52
signal [adc counts]

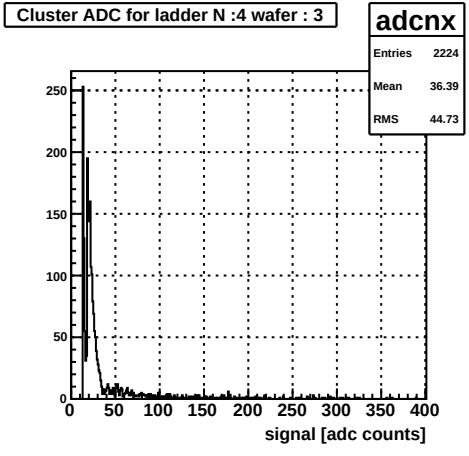

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5382
Mean 25.76
RMS 24.16
signal [adc counts]

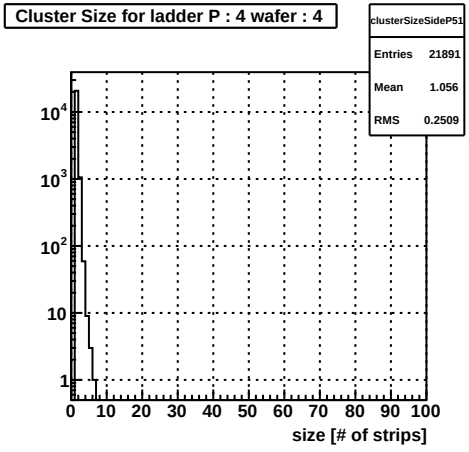

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 11720
Mean 1.022
RMS 0.1746
size [# of strips]

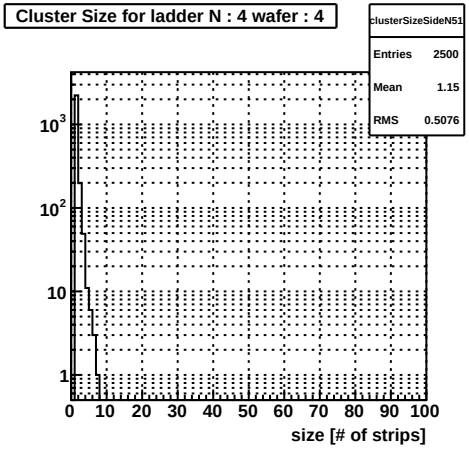

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2224
Mean 1.215
RMS 0.6027
size [# of strips]

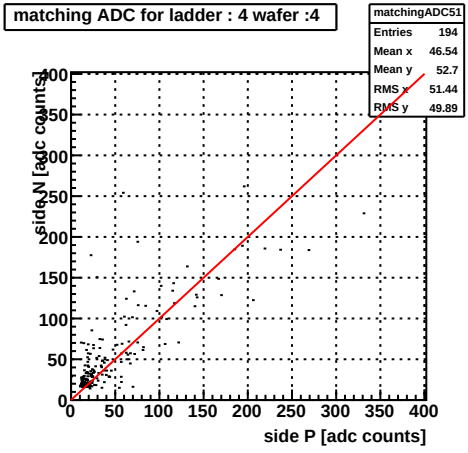

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 189
Mean x 86.09
Mean y 76.79
RMS x 76.75
RMS y 64.95
side N [adc counts]
side P [adc counts]

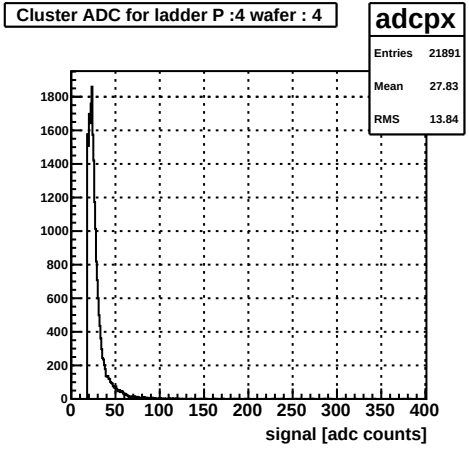

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 11720
Mean 27.71
RMS 20.38
signal [adc counts]

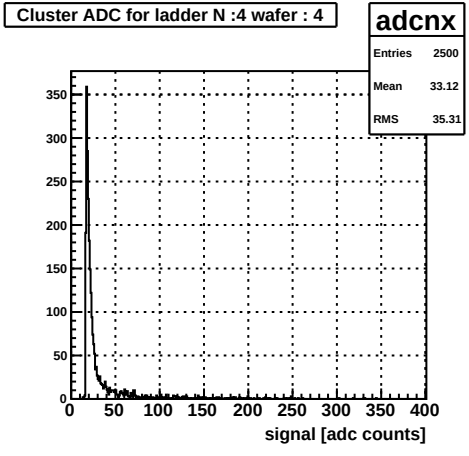

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2224
Mean 36.39
RMS 44.73
signal [adc counts]

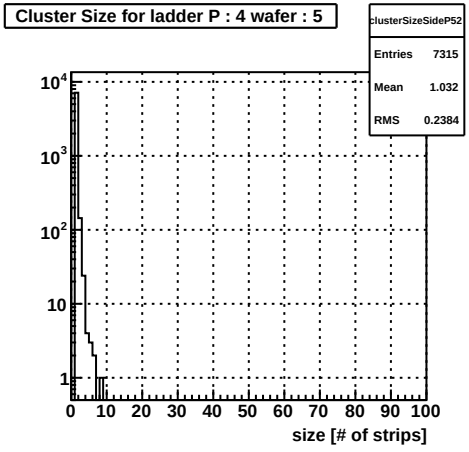

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21891
Mean 1.056
RMS 0.2509
size [# of strips]

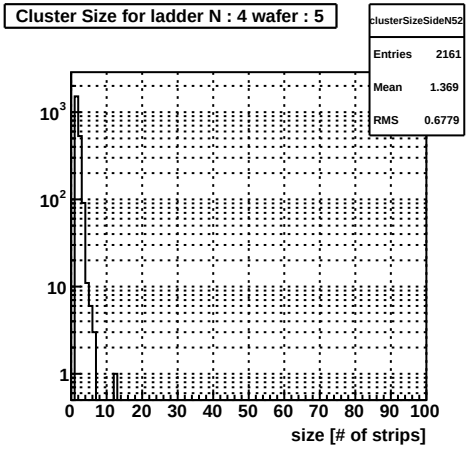

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2500
Mean 1.15
RMS 0.5076
size [# of strips]

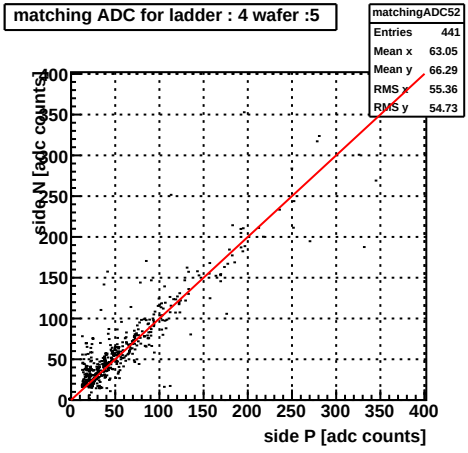

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 194
Mean x 46.54
Mean y 52.7
RMS x 51.44
RMS y 49.89
side N [adc counts]
side P [adc counts]

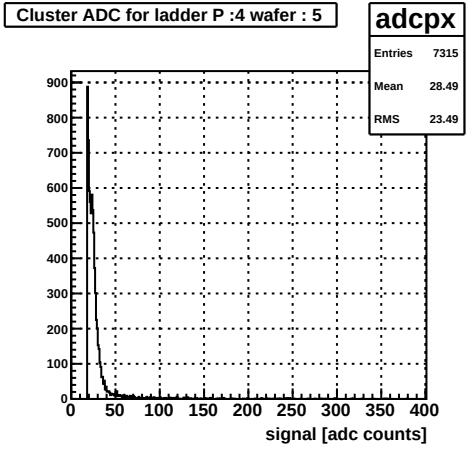

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21891
Mean 27.83
RMS 13.84
signal [adc counts]

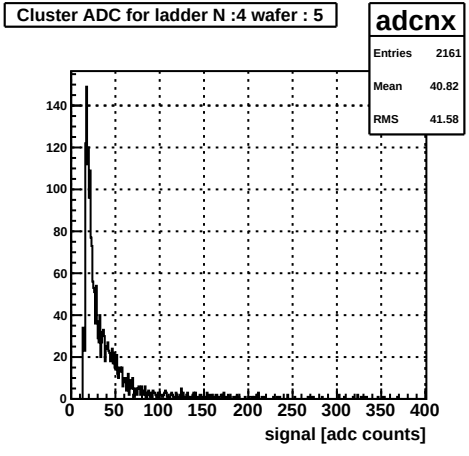

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2500
Mean 33.12
RMS 35.31
signal [adc counts]

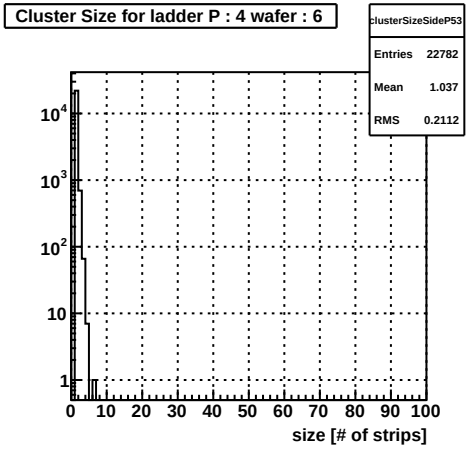

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7315
Mean 1.032
RMS 0.2384
size [# of strips]

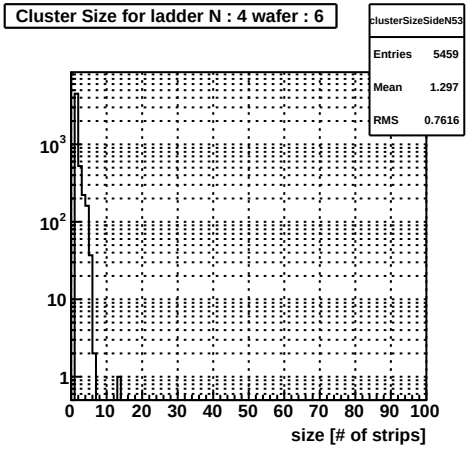

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2161
Mean 1.369
RMS 0.6779
size [# of strips]

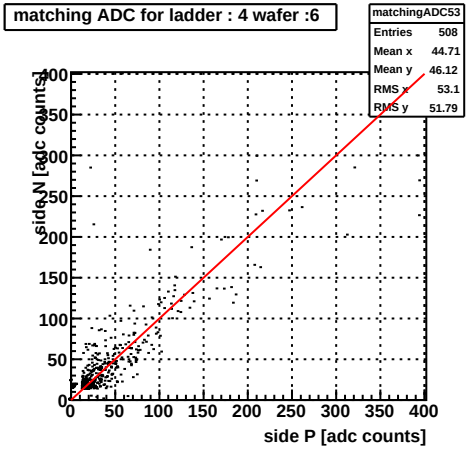

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 441
Mean x 63.05
Mean y 66.29
RMS x 55.36
RMS y 54.73
side N [adc counts]
side P [adc counts]

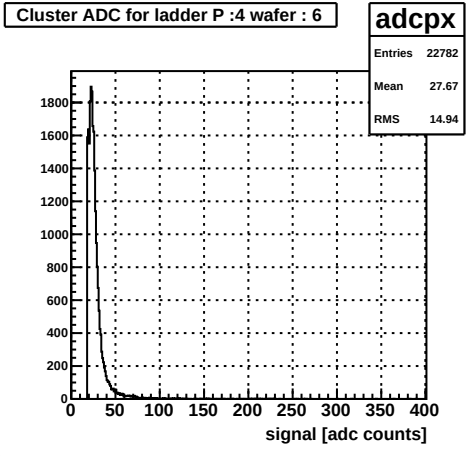

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7315
Mean 28.49
RMS 23.49
signal [adc counts]

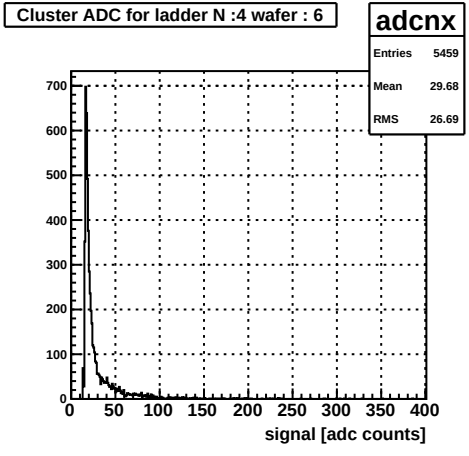

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2161
Mean 40.82
RMS 41.58
signal [adc counts]

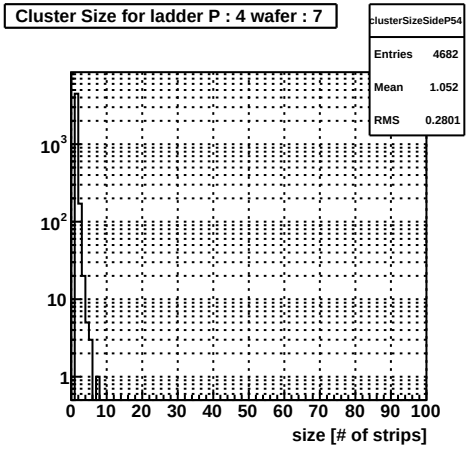

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 22782
Mean 1.037
RMS 0.2112
size [# of strips]

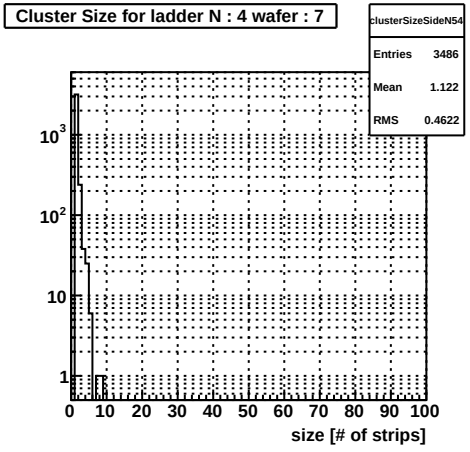

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5459
Mean 1.297
RMS 0.7616
size [# of strips]

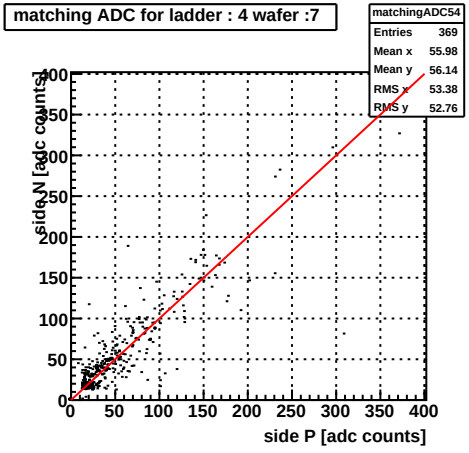

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 508
Mean x 44.71
Mean y 46.12
RMS x 53.1
RMS y 51.79
side N [adc counts]
side P [adc counts]

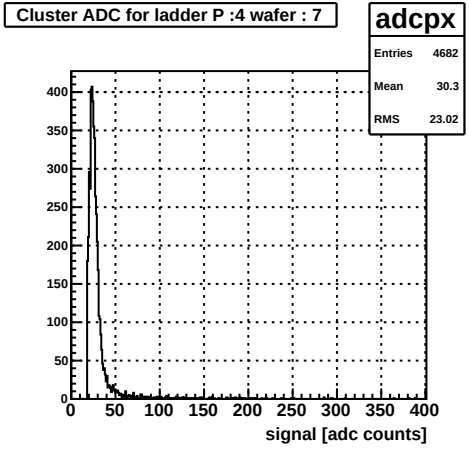

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 22782
Mean 27.67
RMS 14.94
signal [adc counts]

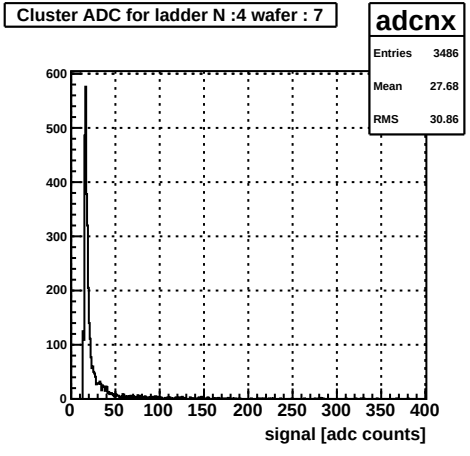

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5459
Mean 29.68
RMS 26.69
signal [adc counts]

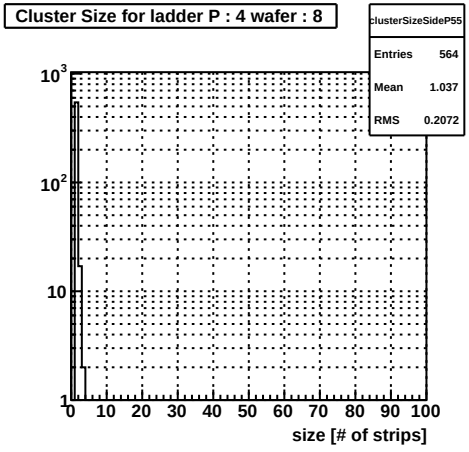

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4682
Mean 1.052
RMS 0.2801
size [# of strips]

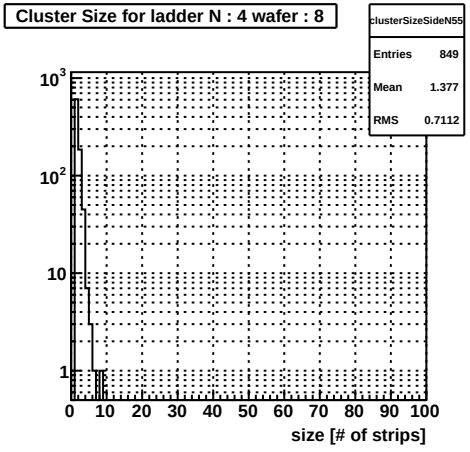

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3486
Mean 1.122
RMS 0.4622
size [# of strips]

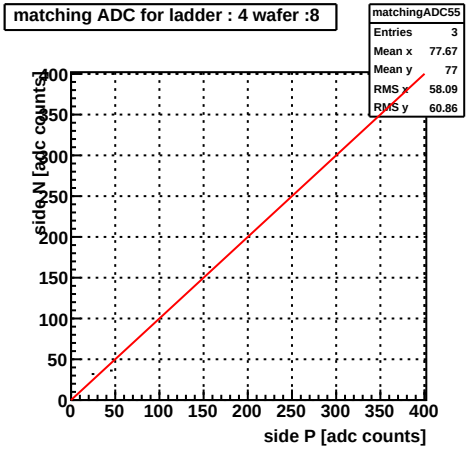

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 369
Mean x 55.98
Mean y 56.14
RMS x 53.38
RMS y 52.76
side N [adc counts]
side P [adc counts]

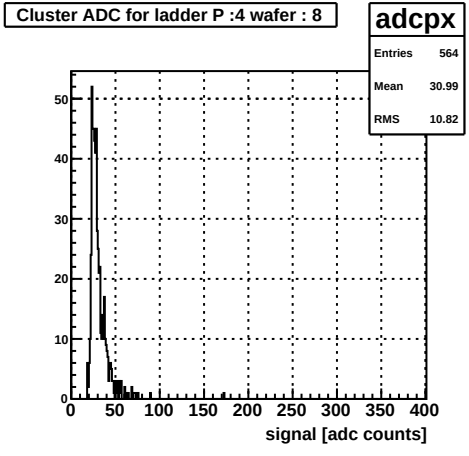

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4682
Mean 30.3
RMS 23.02
signal [adc counts]

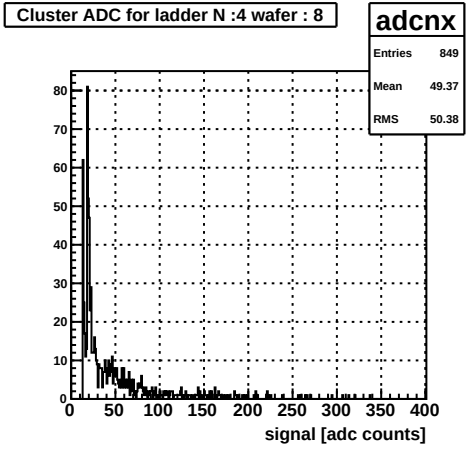

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3486
Mean 27.68
RMS 30.86
signal [adc counts]

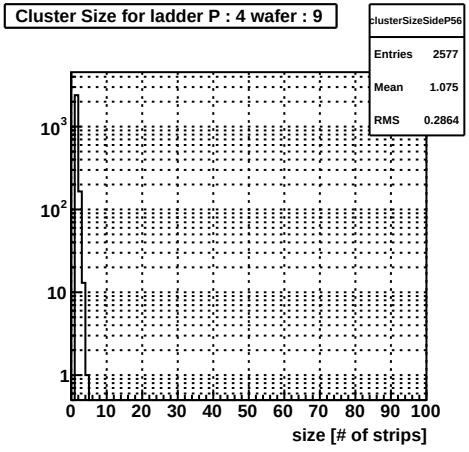

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 564
Mean 1.037
RMS 0.2072
size [# of strips]

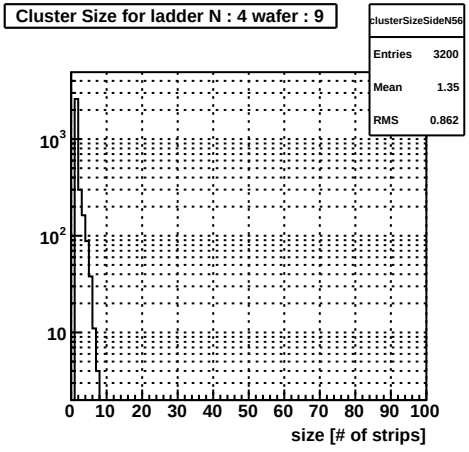

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 849
Mean 1.377
RMS 0.7112
size [# of strips]

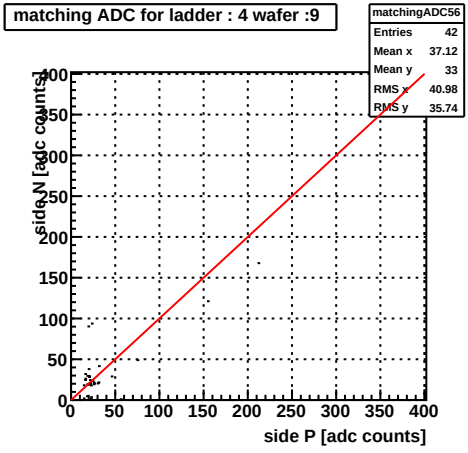

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 77.67
Mean y 77
RMS x 58.09
RMS y 60.86
side N [adc counts]
side P [adc counts]

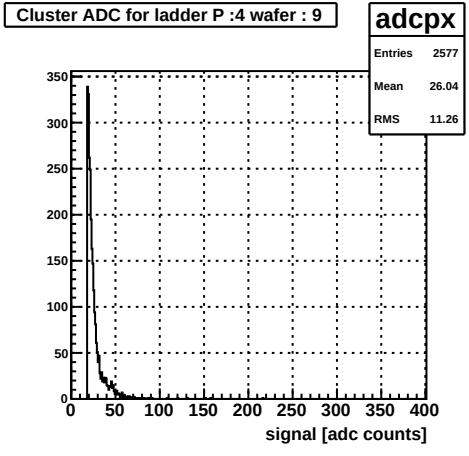

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 564
Mean 30.99
RMS 10.82
signal [adc counts]

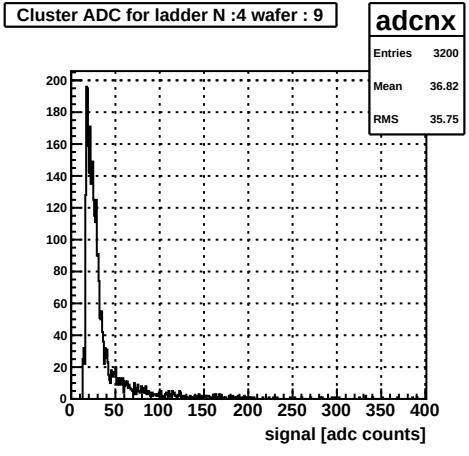

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 849
Mean 49.37
RMS 50.38
signal [adc counts]

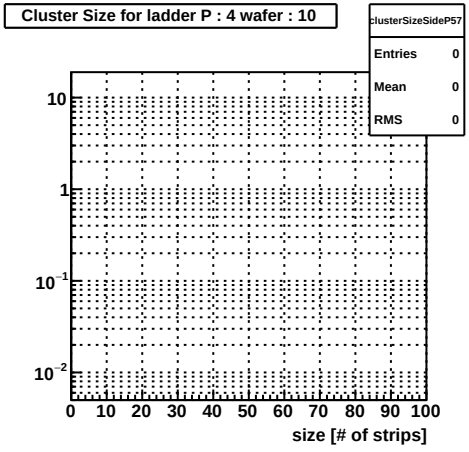

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2577
Mean 1.075
RMS 0.2864
size [# of strips]

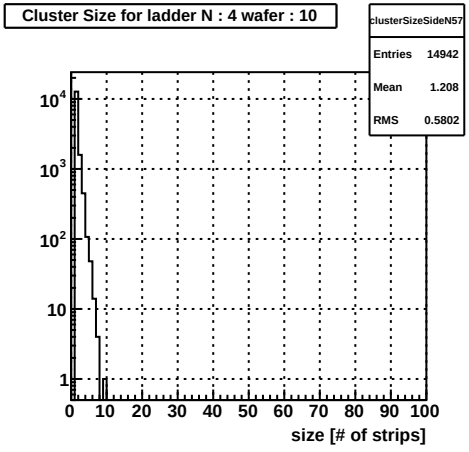

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3200
Mean 1.35
RMS 0.862
size [# of strips]

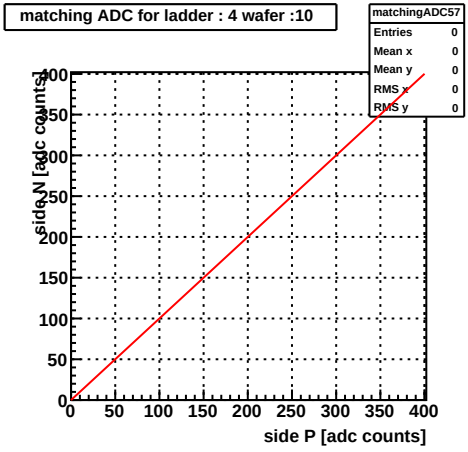

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 42
Mean x 37.12
Mean y 33
RMS x 40.98
RMS y 35.74
side N [adc counts]
side P [adc counts]

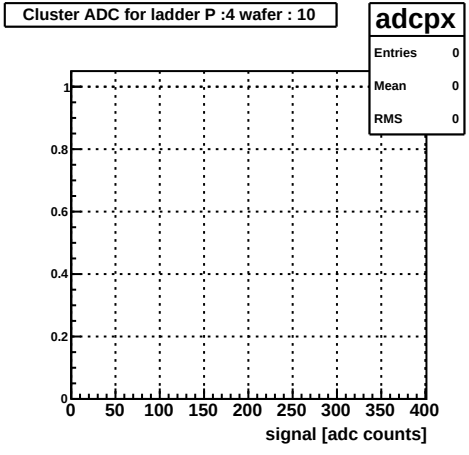

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2577
Mean 26.04
RMS 11.26
signal [adc counts]

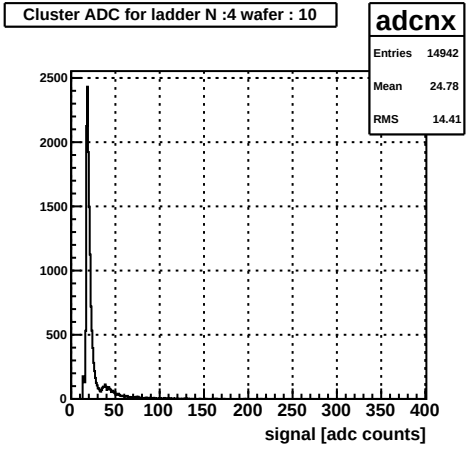

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3200
Mean 36.82
RMS 35.75
signal [adc counts]

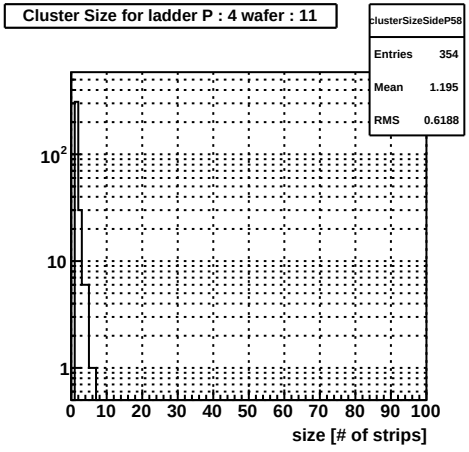

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

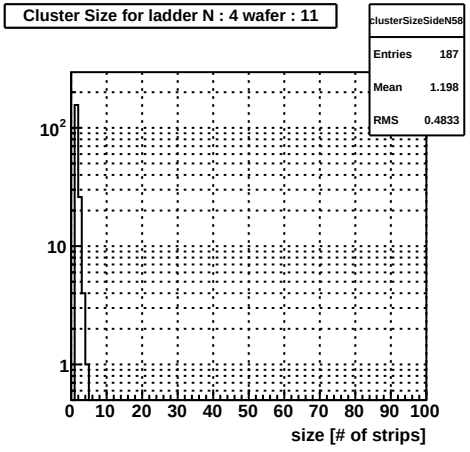

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14942
Mean 1.208
RMS 0.5802
size [# of strips]

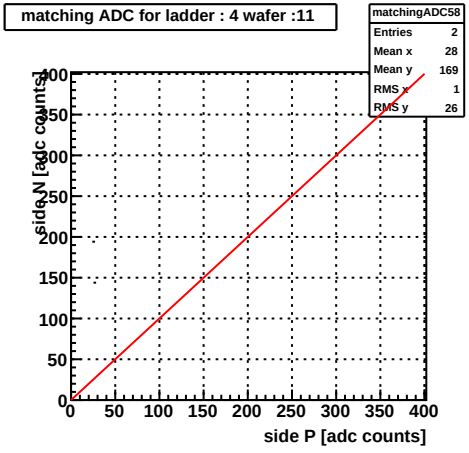

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

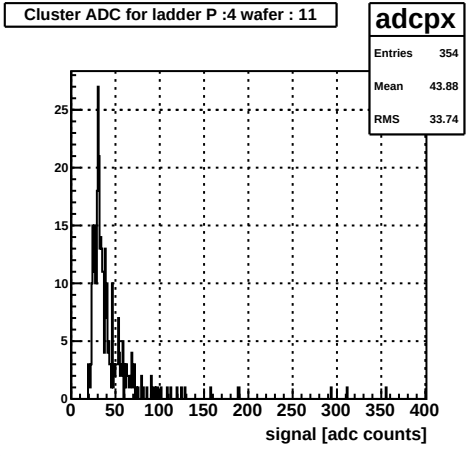

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

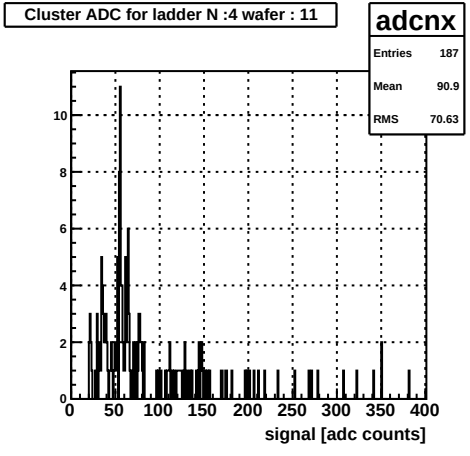

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14942
Mean 24.78
RMS 14.41
signal [adc counts]

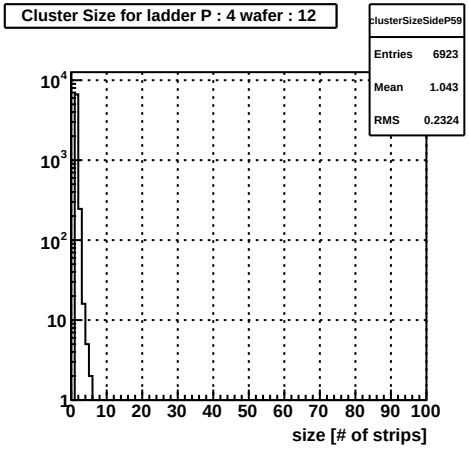

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 354
Mean 1.195
RMS 0.6188
size [# of strips]

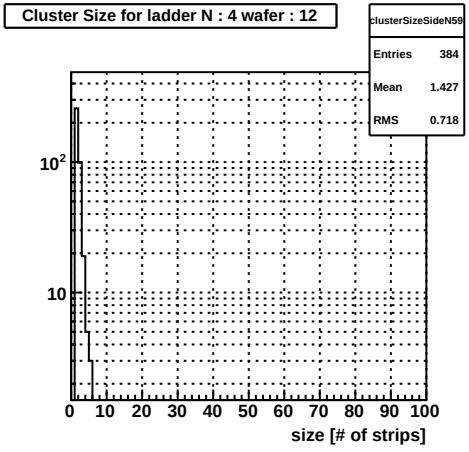

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 187
Mean 1.198
RMS 0.4833
size [# of strips]

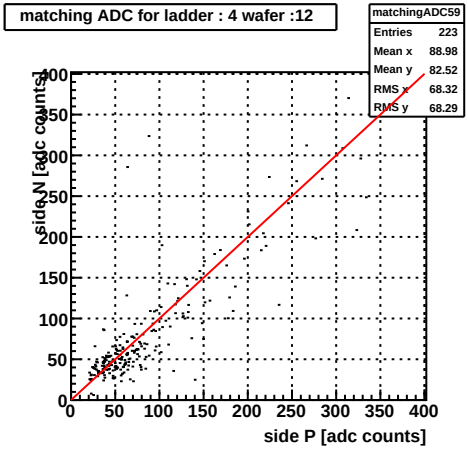

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 28
Mean y 169
RMS x 1
RMS y 26
side N [adc counts]
side P [adc counts]

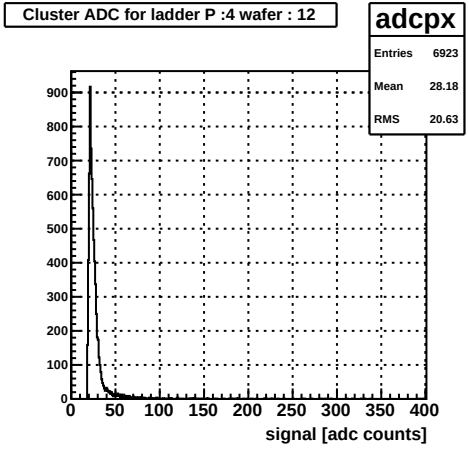

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 354
Mean 43.88
RMS 33.74
signal [adc counts]

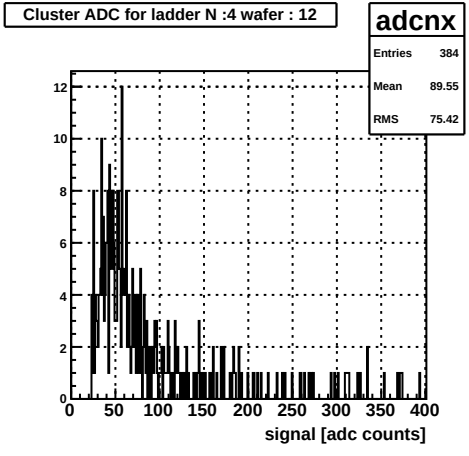

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 187
Mean 90.9
RMS 70.63
signal [adc counts]

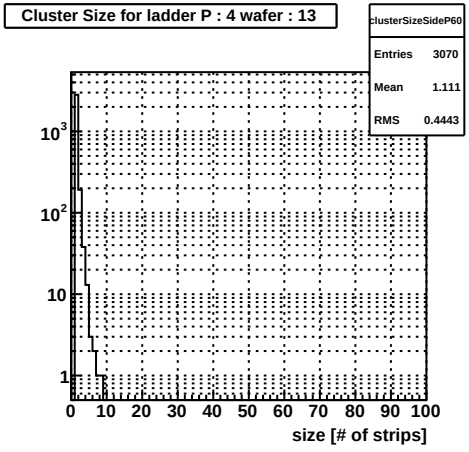

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6923
Mean 1.043
RMS 0.2324
size [# of strips]

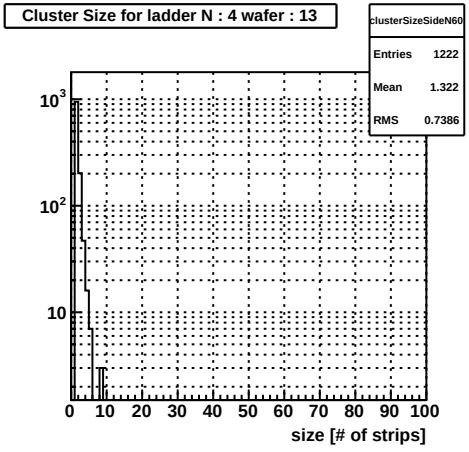

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 384
Mean 1.427
RMS 0.718
size [# of strips]

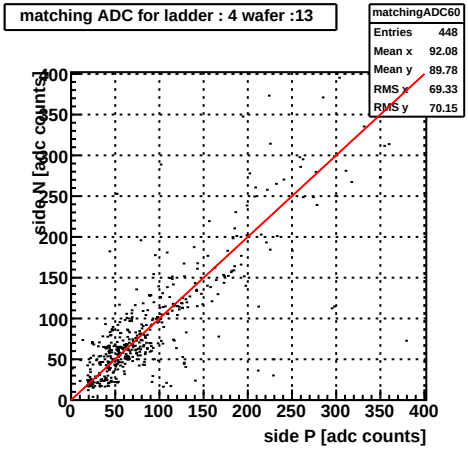

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 223
Mean x 88.98
Mean y 82.52
RMS x 68.32
RMS y 68.29
side N [adc counts]
side P [adc counts]

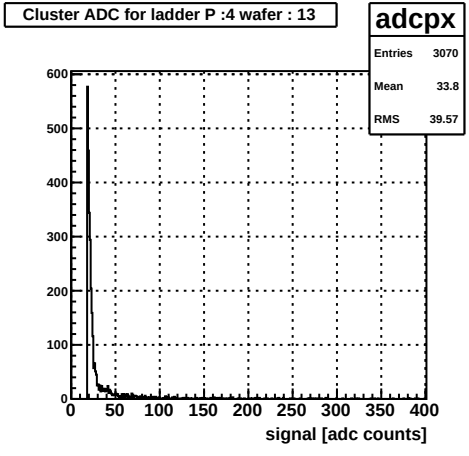

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6923
Mean 28.18
RMS 20.63
signal [adc counts]

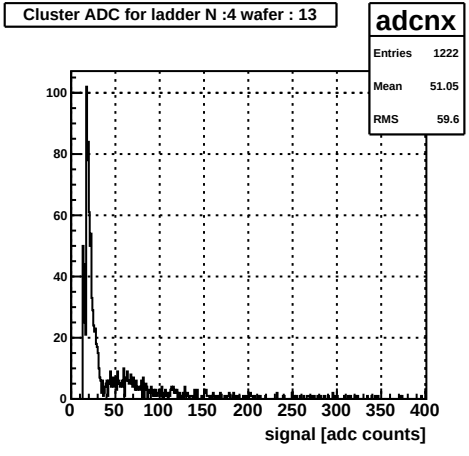

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 384
Mean 89.55
RMS 75.42
signal [adc counts]

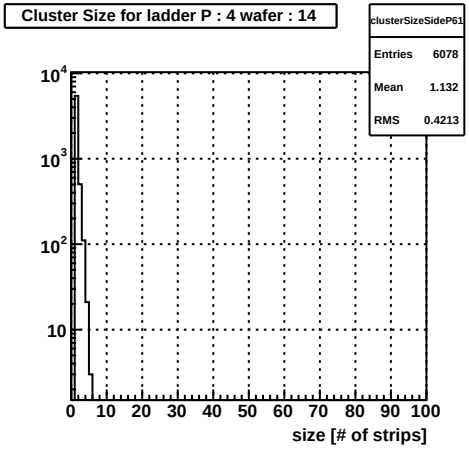

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3070
Mean 1.111
RMS 0.4443
size [# of strips]

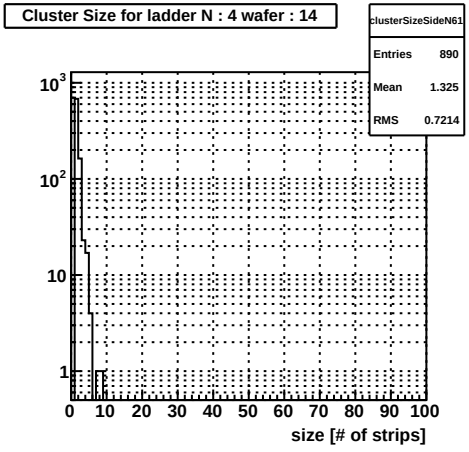

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1222
Mean 1.322
RMS 0.7386
size [# of strips]

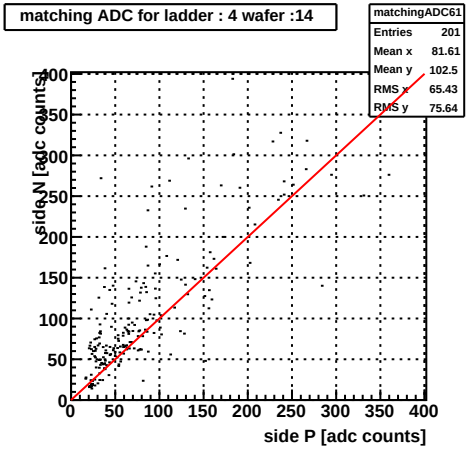

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 448
Mean x 92.08
Mean y 89.78
RMS x 69.33
RMS y 70.15
side N [adc counts]
side P [adc counts]

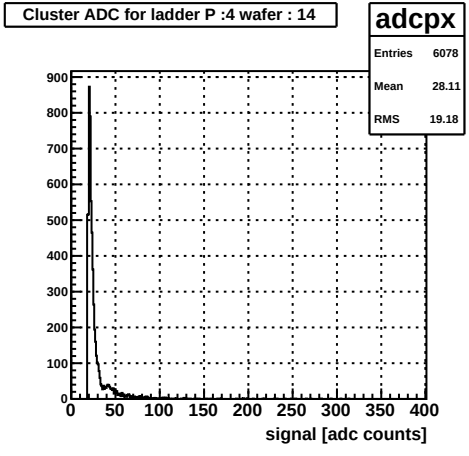

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3070
Mean 33.8
RMS 39.57
signal [adc counts]

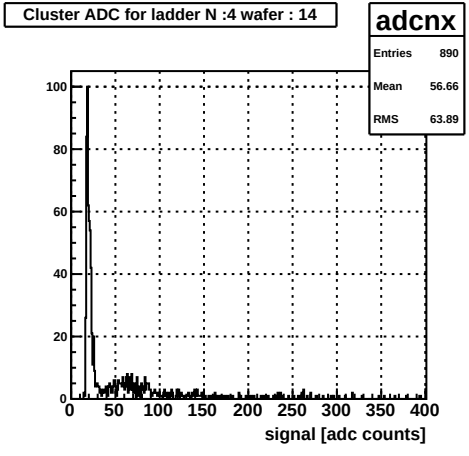

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1222
Mean 51.05
RMS 59.6
signal [adc counts]

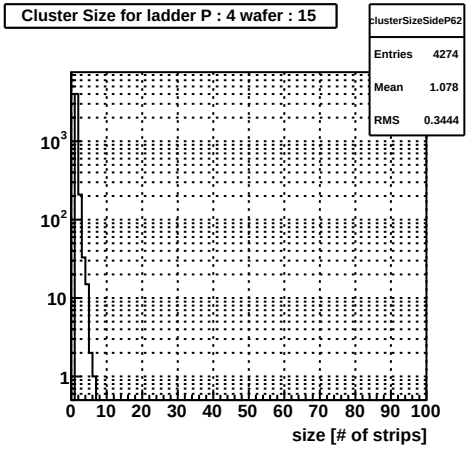

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 6078
Mean 1.132
RMS 0.4213
size [# of strips]

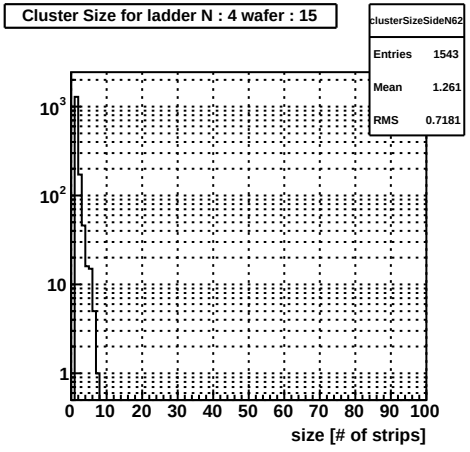

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 890
Mean 1.325
RMS 0.7214
size [# of strips]

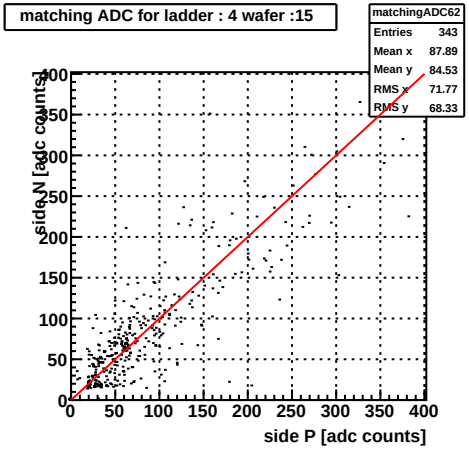

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 201
Mean x 81.61
Mean y 102.5
RMS x 65.43
RMS y 75.64
side N [adc counts]
side P [adc counts]

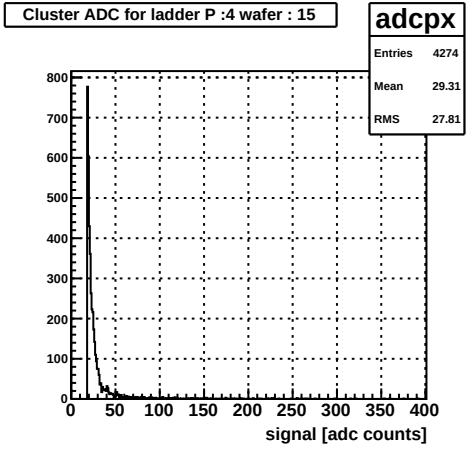

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 6078
Mean 28.11
RMS 19.18
signal [adc counts]

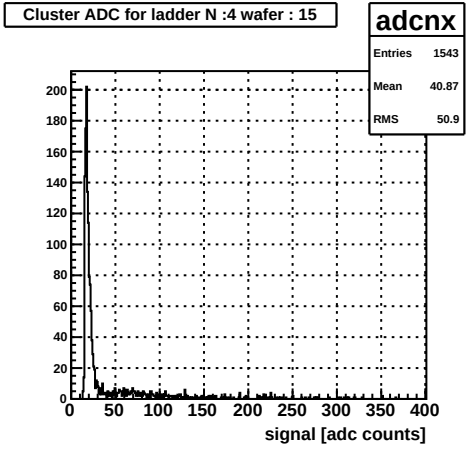

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 890
Mean 56.66
RMS 63.89
signal [adc counts]

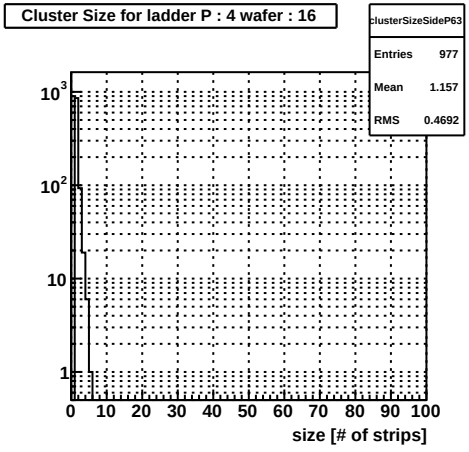

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4274
Mean 1.078
RMS 0.3444
size [# of strips]

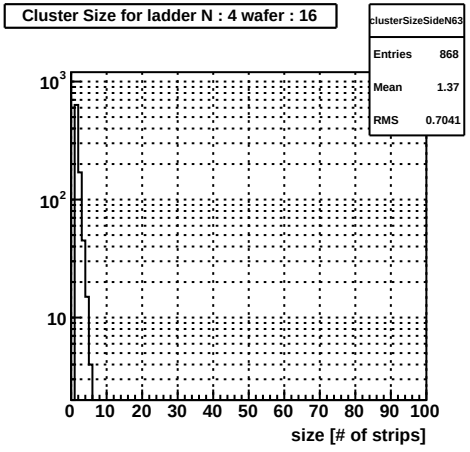

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1543
Mean 1.261
RMS 0.7181
size [# of strips]

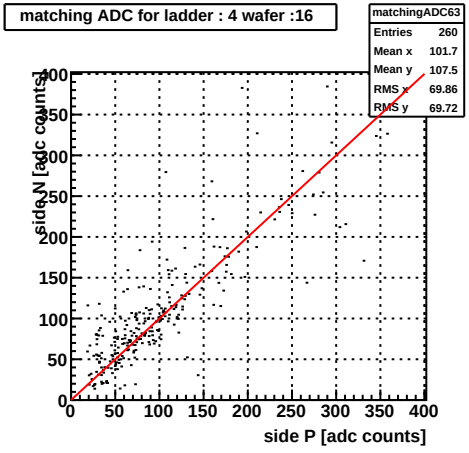

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 343
Mean x 87.89
Mean y 84.53
RMS x 71.77
RMS y 68.33
side N [adc counts]
side P [adc counts]

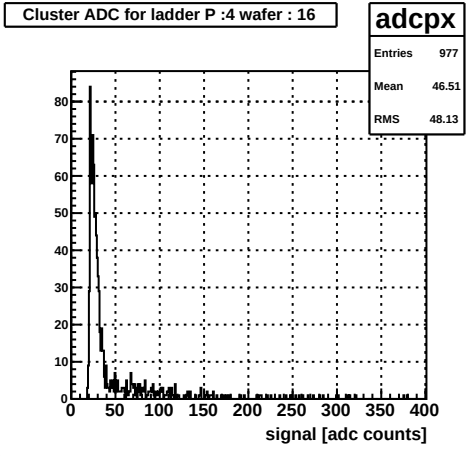

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4274
Mean 29.31
RMS 27.81
signal [adc counts]

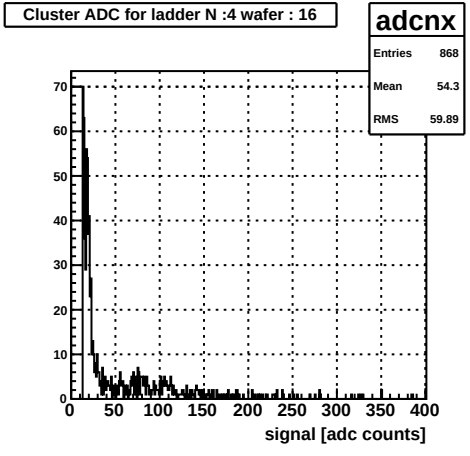

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1543
Mean 40.87
RMS 50.9
signal [adc counts]

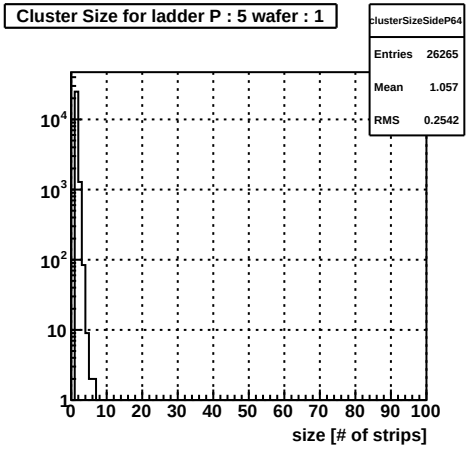

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 977
Mean 1.157
RMS 0.4692
size [# of strips]

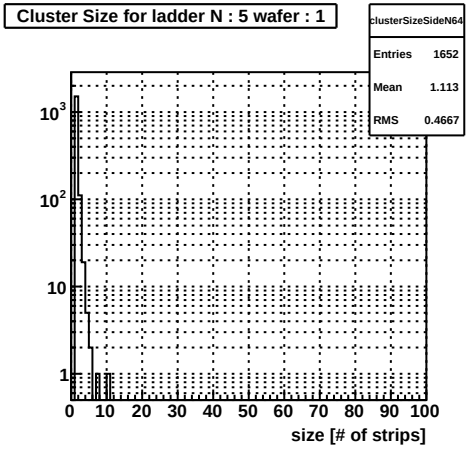

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 868
Mean 1.37
RMS 0.7041
size [# of strips]

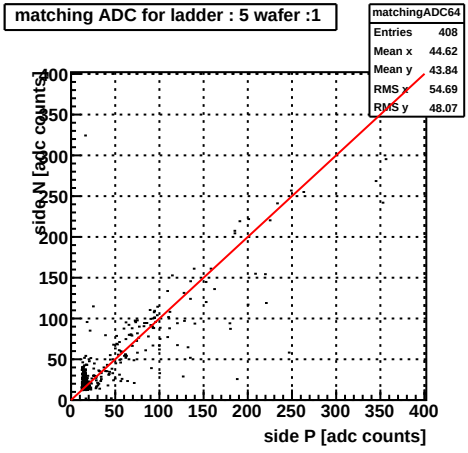

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 260
Mean x 101.7
Mean y 107.5
RMS x 69.86
RMS y 69.72
side N [adc counts]
side P [adc counts]

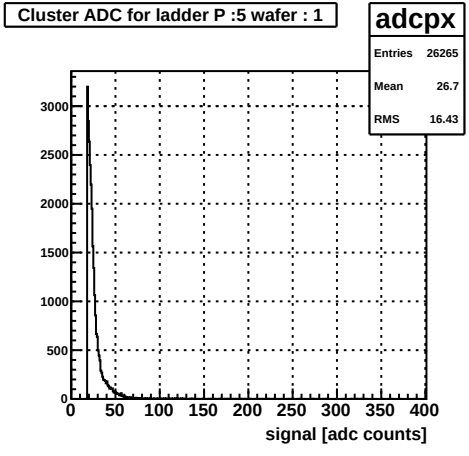

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 977
Mean 46.51
RMS 48.13
signal [adc counts]

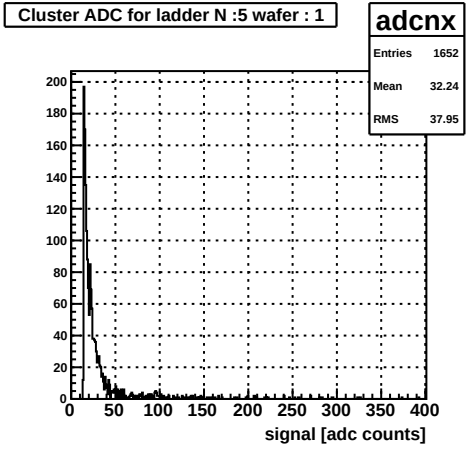

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 868
Mean 54.3
RMS 59.89
signal [adc counts]

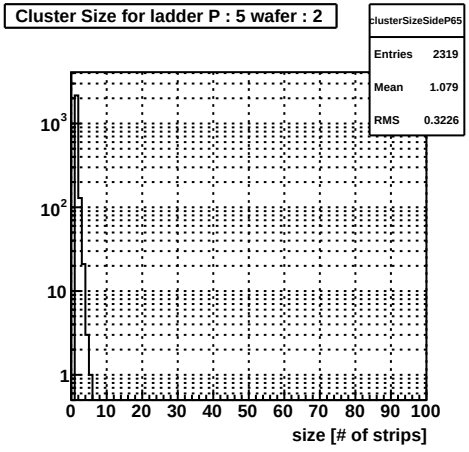

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 26265
Mean 1.057
RMS 0.2542
size [# of strips]

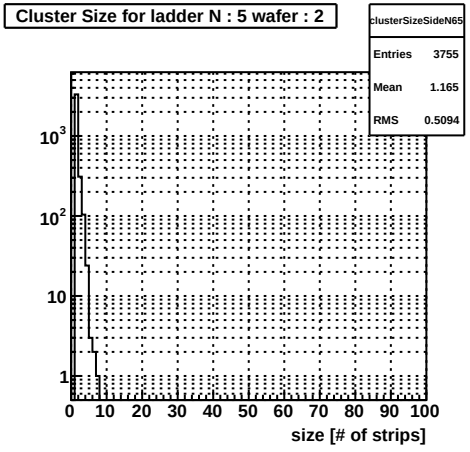

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1652
Mean 1.113
RMS 0.4667
size [# of strips]

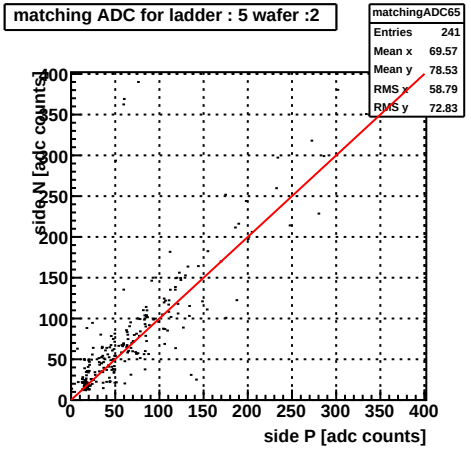

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 408
Mean x 44.62
Mean y 43.84
RMS x 54.69
RMS y 48.07
side N [adc counts]
side P [adc counts]

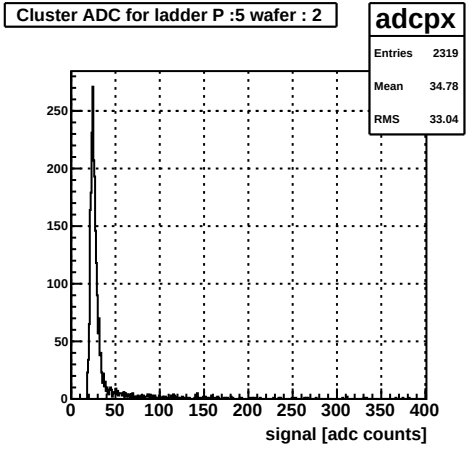

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 26265
Mean 26.7
RMS 16.43
signal [adc counts]

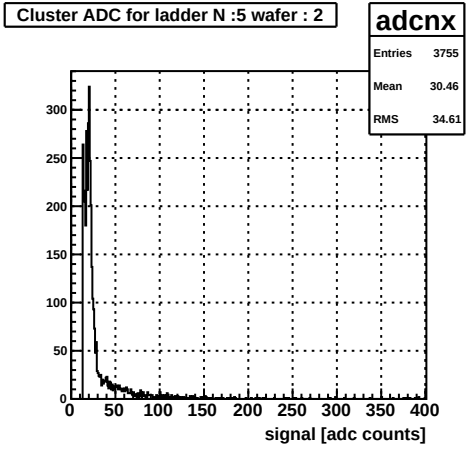

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1652
Mean 32.24
RMS 37.95
signal [adc counts]

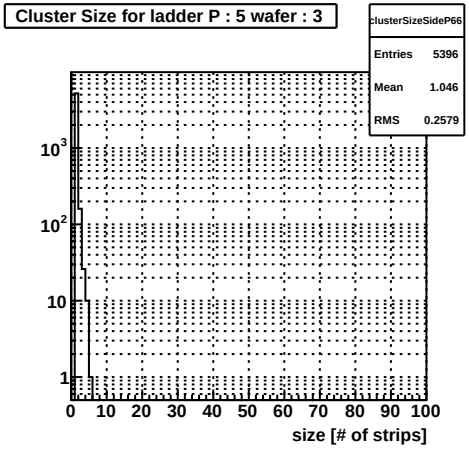

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2319
Mean 1.079
RMS 0.3226
size [# of strips]

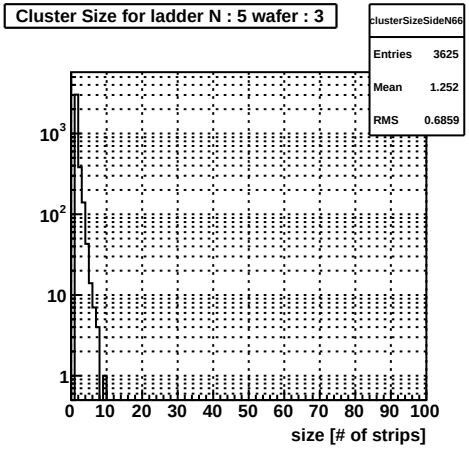

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3755
Mean 1.165
RMS 0.5094
size [# of strips]

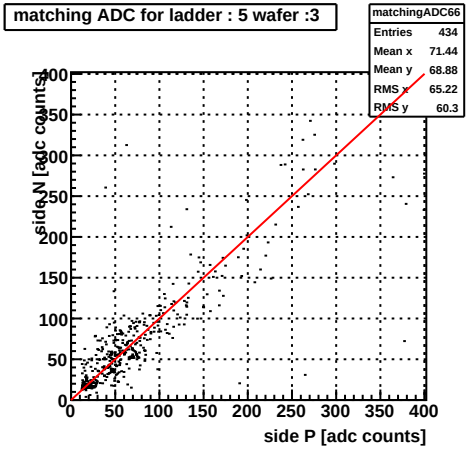

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 241
Mean x 69.57
Mean y 78.53
RMS x 58.79
RMS y 72.83
side N [adc counts]
side P [adc counts]

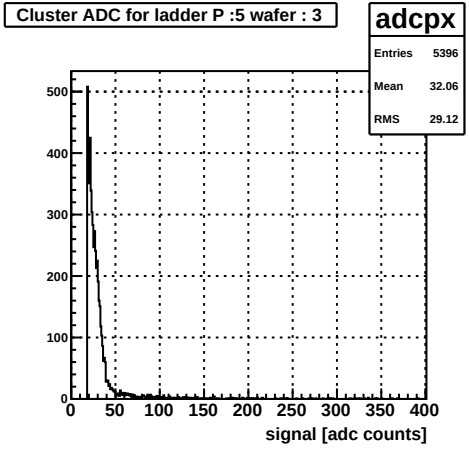

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2319
Mean 34.78
RMS 33.04
signal [adc counts]

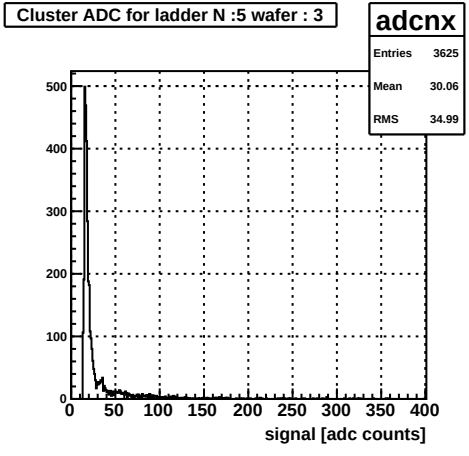

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3755
Mean 30.46
RMS 34.61
signal [adc counts]

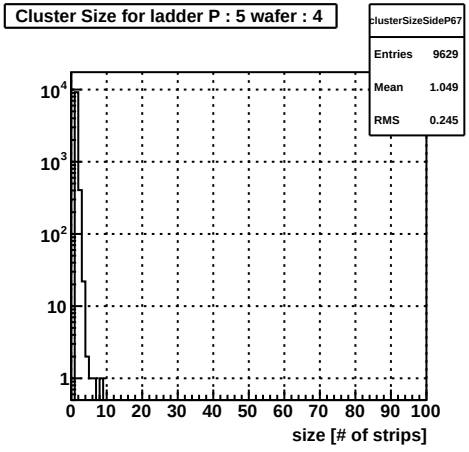

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5396
Mean 1.046
RMS 0.2579
size [# of strips]

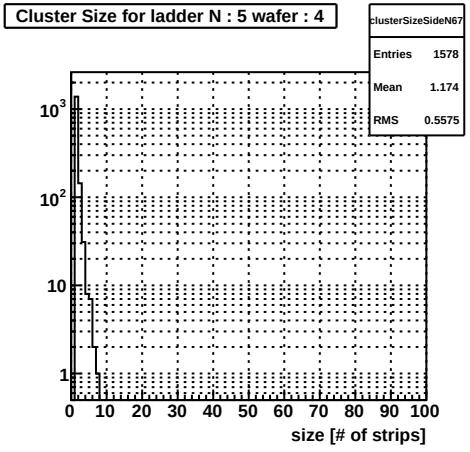

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3625
Mean 1.252
RMS 0.6859
size [# of strips]

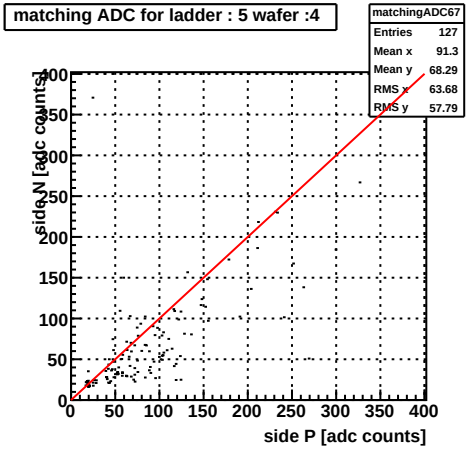

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 434
Mean x 71.44
Mean y 68.88
RMS x 65.22
RMS y 60.3
side N [adc counts]
side P [adc counts]

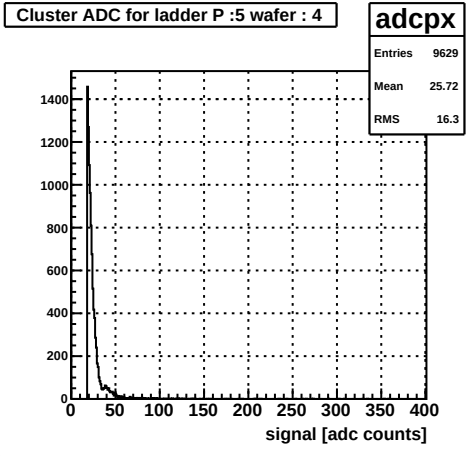

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5396
Mean 32.06
RMS 29.12
signal [adc counts]

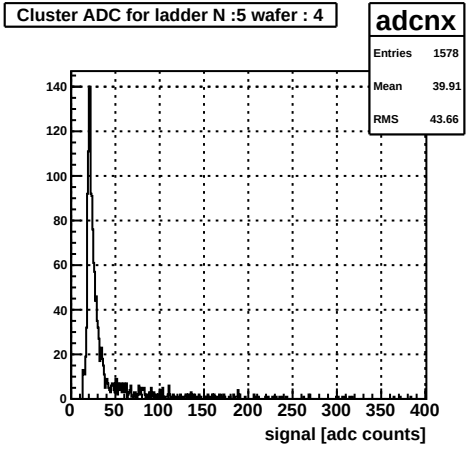

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3625
Mean 30.06
RMS 34.99
signal [adc counts]

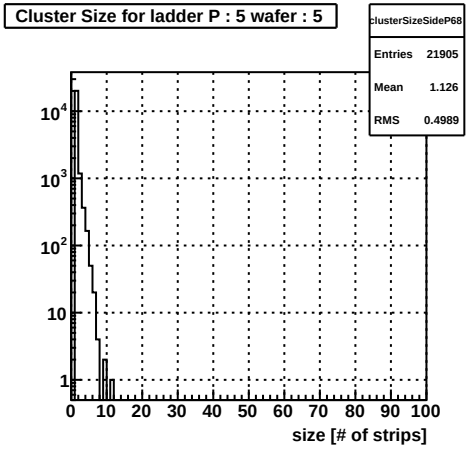

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 9629
Mean 1.049
RMS 0.245
size [# of strips]

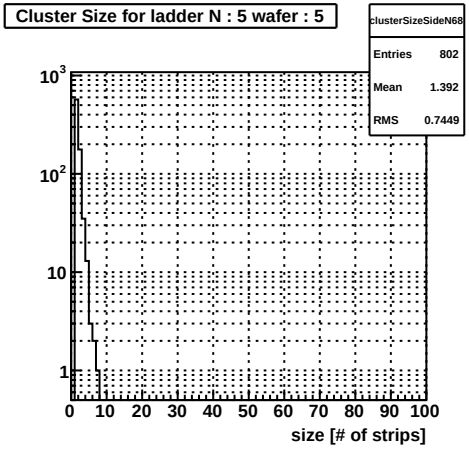

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1578
Mean 1.174
RMS 0.5575
size [# of strips]

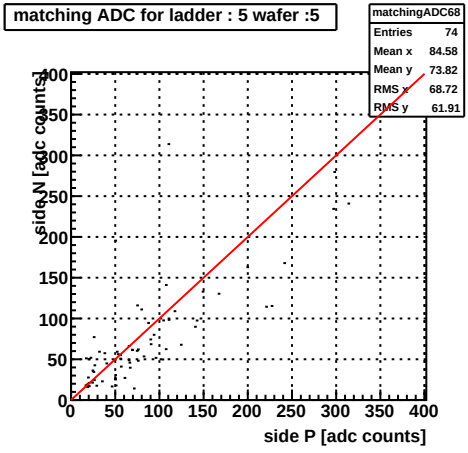

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 127
Mean x 91.3
Mean y 68.29
RMS x 63.68
RMS y 57.79
side N [adc counts]
side P [adc counts]

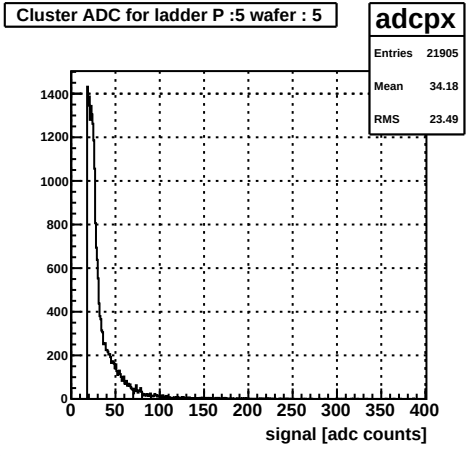

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 9629
Mean 25.72
RMS 16.3
signal [adc counts]

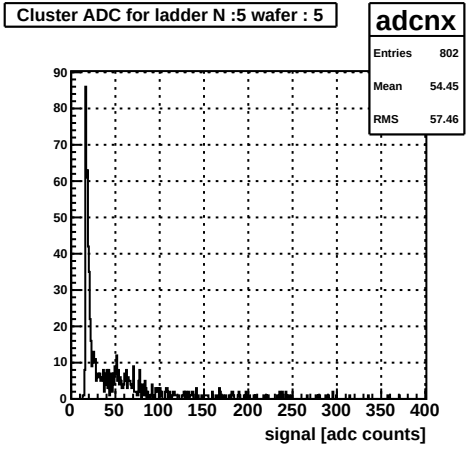

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1578
Mean 39.91
RMS 43.66
signal [adc counts]

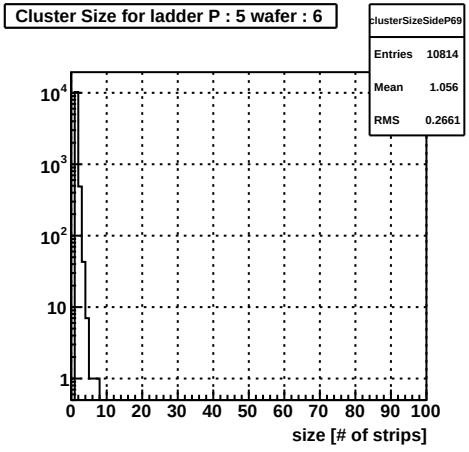

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 21905
Mean 1.126
RMS 0.4989
size [# of strips]

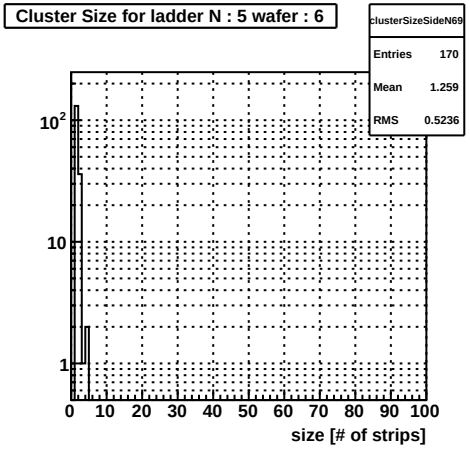

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 802
Mean 1.392
RMS 0.7449
size [# of strips]

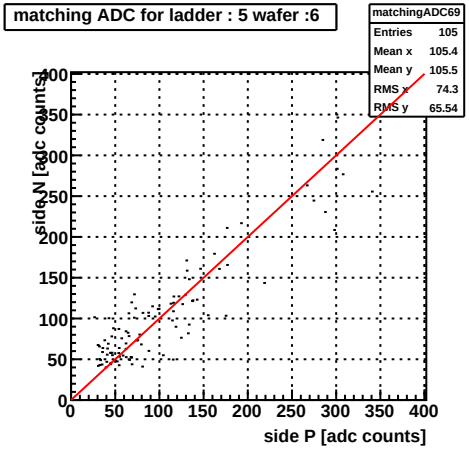

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 74
Mean x 84.58
Mean y 73.82
RMS x 68.72
RMS y 61.91
side N [adc counts]
side P [adc counts]

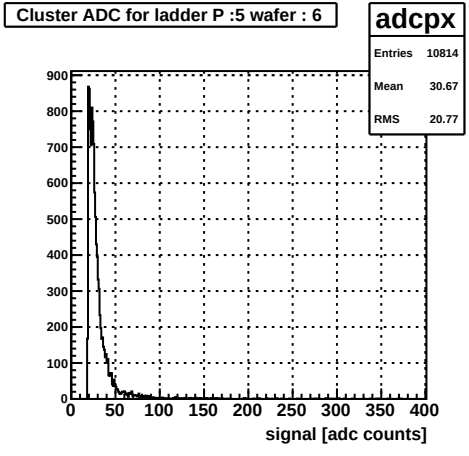

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 21905
Mean 34.18
RMS 23.49
signal [adc counts]

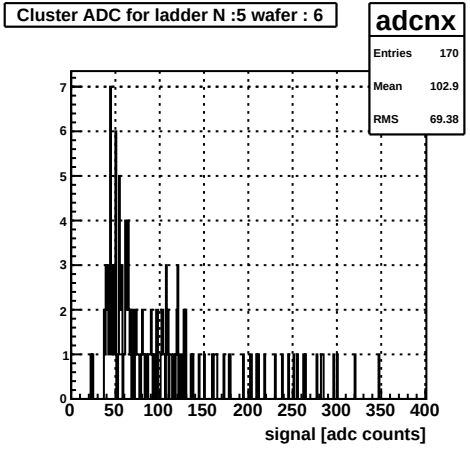

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 802
Mean 54.45
RMS 57.46
signal [adc counts]

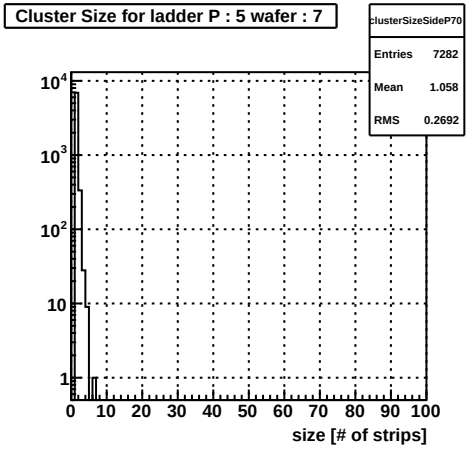

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10814
Mean 1.056
RMS 0.2661
size [# of strips]

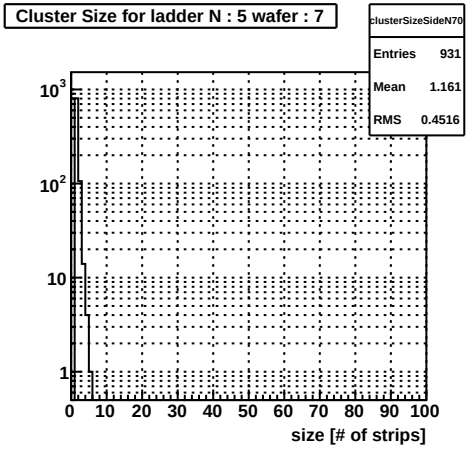

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 170
Mean 1.259
RMS 0.5236
size [# of strips]

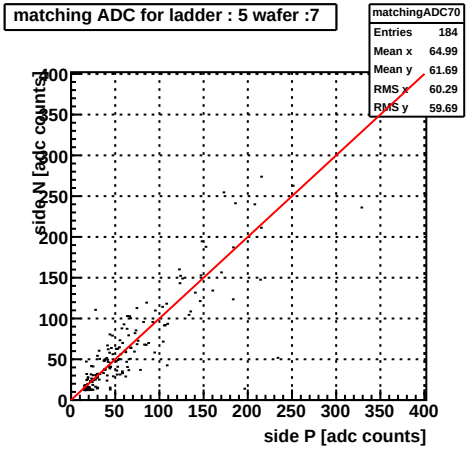

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 105
Mean x 105.4
Mean y 105.5
RMS x 74.3
RMS y 65.54
side N [adc counts]
side P [adc counts]

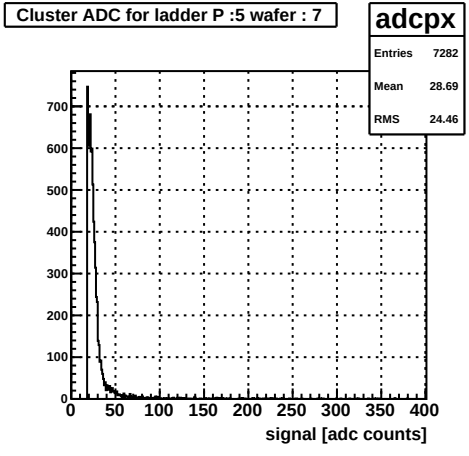

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10814
Mean 30.67
RMS 20.77
signal [adc counts]

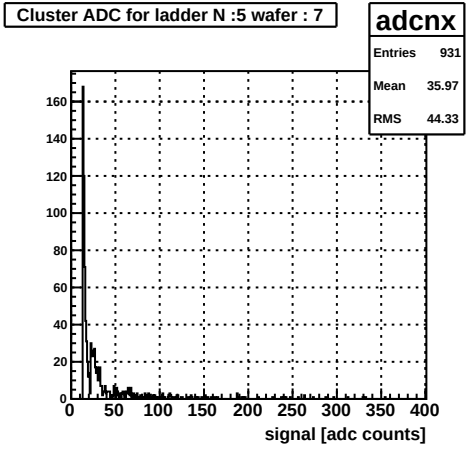

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 170
Mean 102.9
RMS 69.38
signal [adc counts]

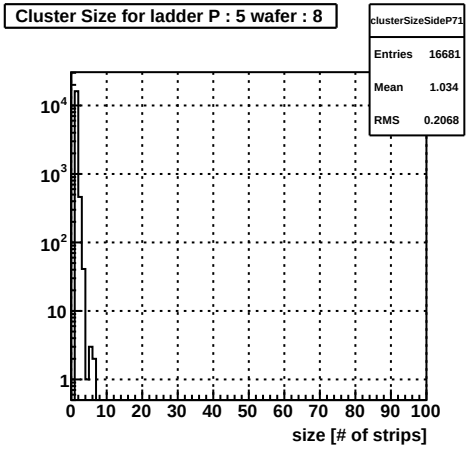

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7282
Mean 1.058
RMS 0.2692
size [# of strips]

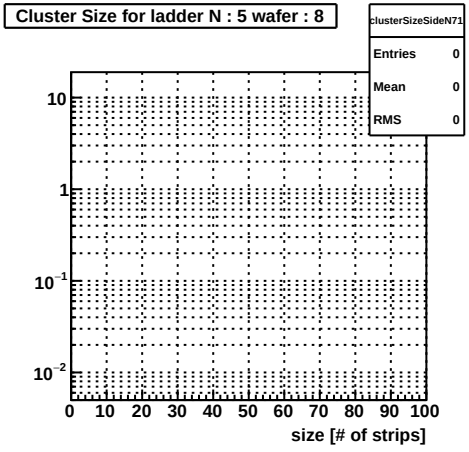

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 931
Mean 1.161
RMS 0.4516
size [# of strips]

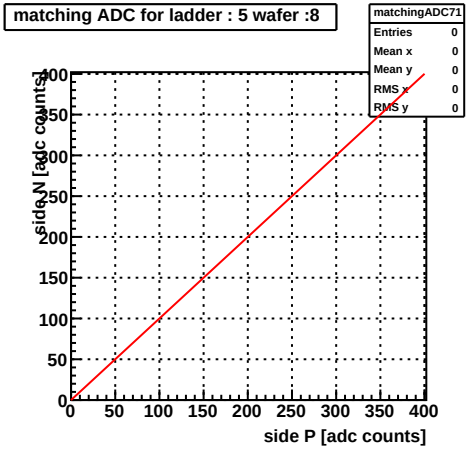

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 184
Mean x 64.99
Mean y 61.69
RMS x 60.29
RMS y 59.69
side N [adc counts]
side P [adc counts]

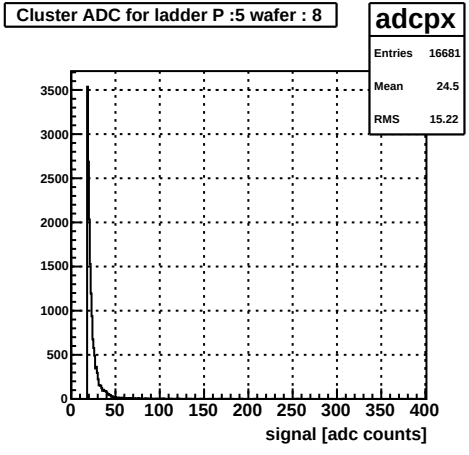

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7282
Mean 28.69
RMS 24.46
signal [adc counts]

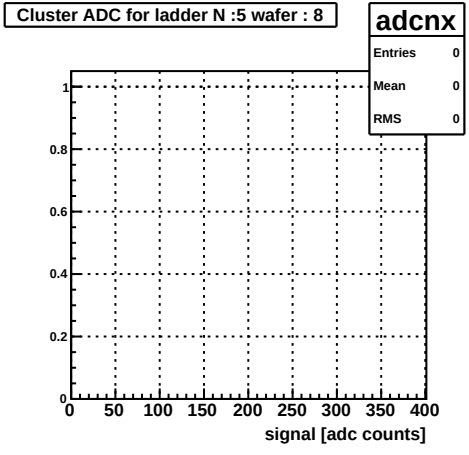

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 931
Mean 35.97
RMS 44.33
signal [adc counts]

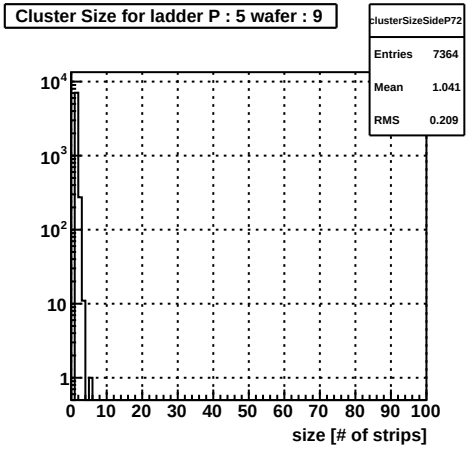

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16681
Mean 1.034
RMS 0.2068
size [# of strips]

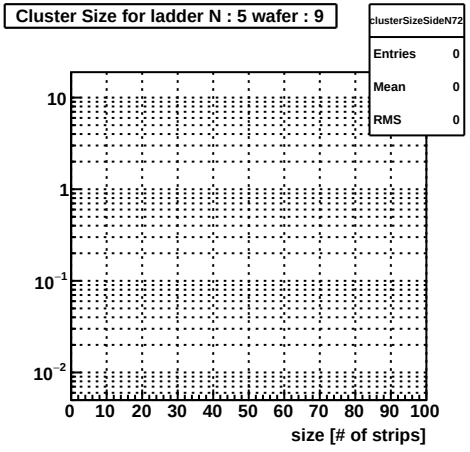

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

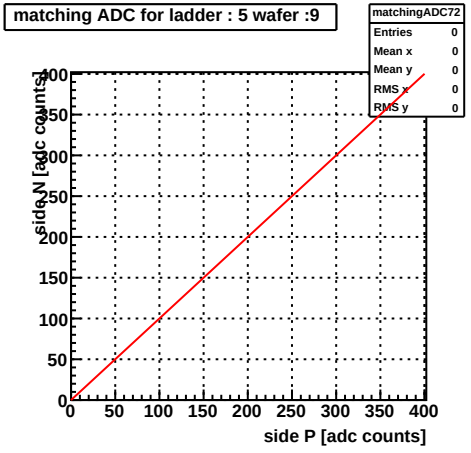

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

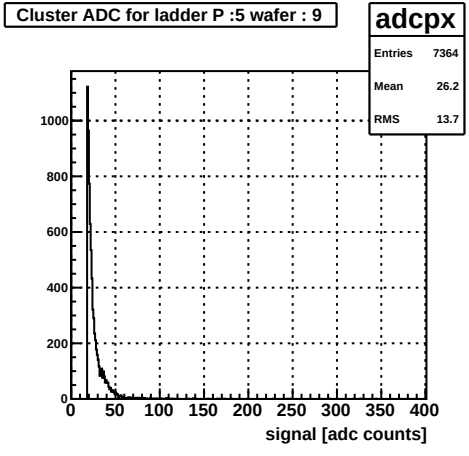

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16681
Mean 24.5
RMS 15.22
signal [adc counts]

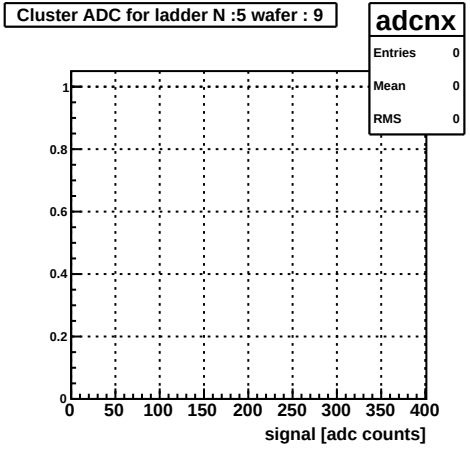

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

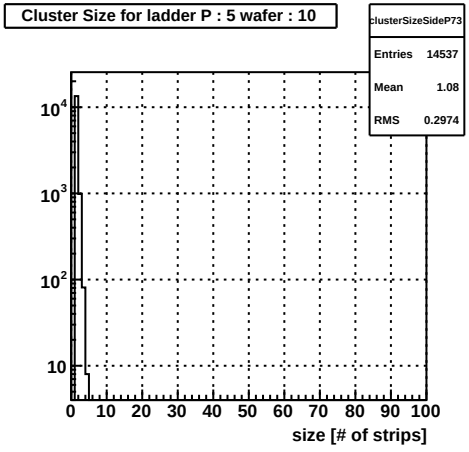

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 7364
Mean 1.041
RMS 0.209
size [# of strips]

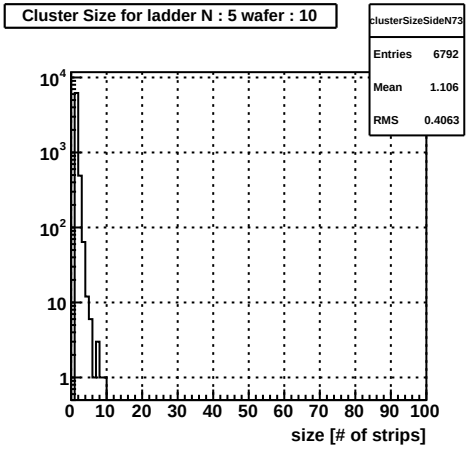

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

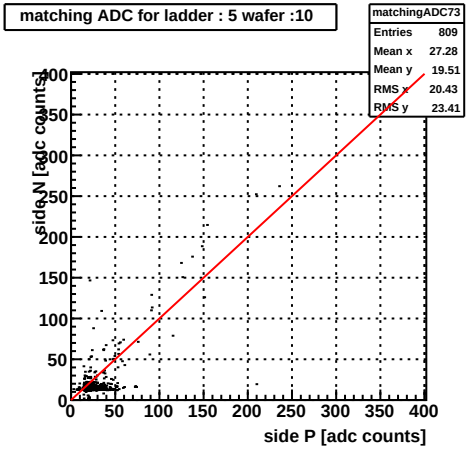

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

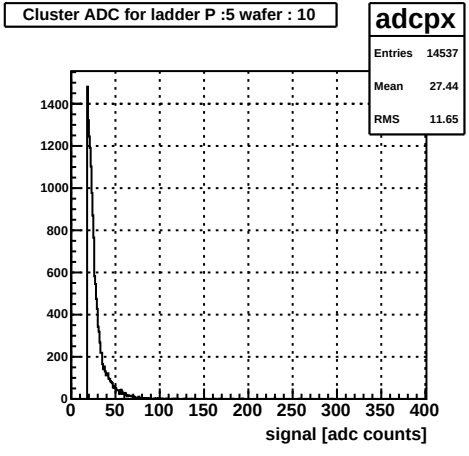

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 7364
Mean 26.2
RMS 13.7
signal [adc counts]

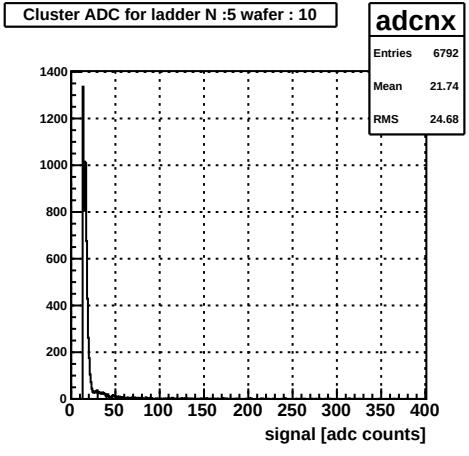

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

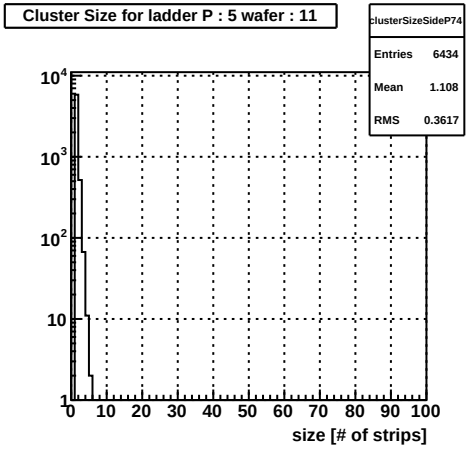

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 14537
Mean 1.08
RMS 0.2974
size [# of strips]

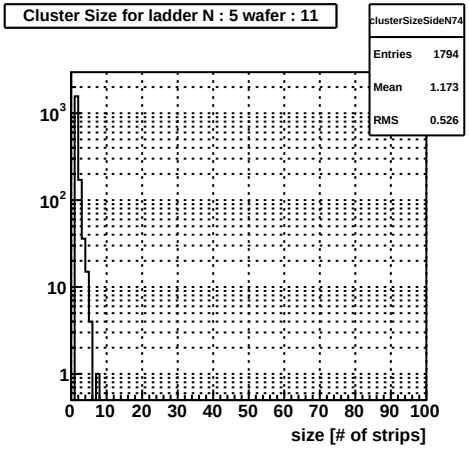

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6792
Mean 1.106
RMS 0.4063
size [# of strips]

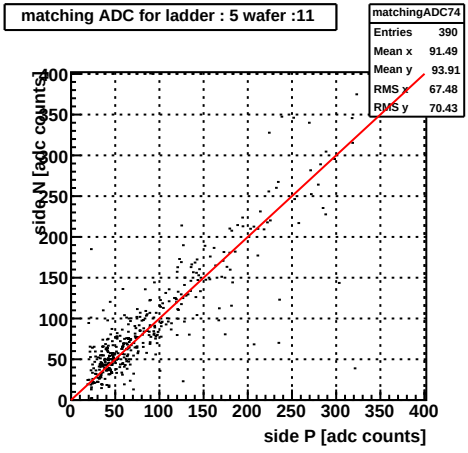

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 809
Mean x 27.28
Mean y 19.51
RMS x 20.43
RMS y 23.41
side N [adc counts]
side P [adc counts]

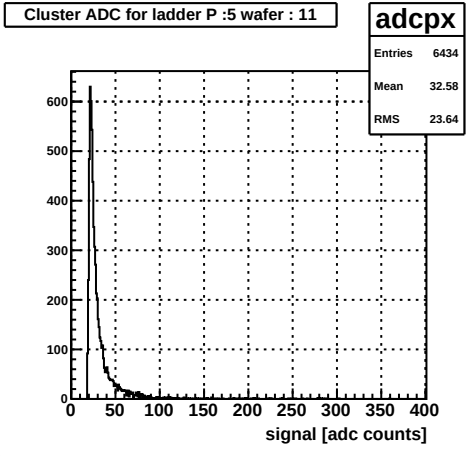

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 14537
Mean 27.44
RMS 11.65
signal [adc counts]

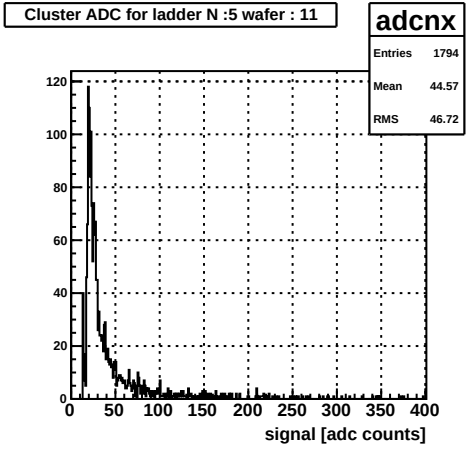

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6792
Mean 21.74
RMS 24.68
signal [adc counts]

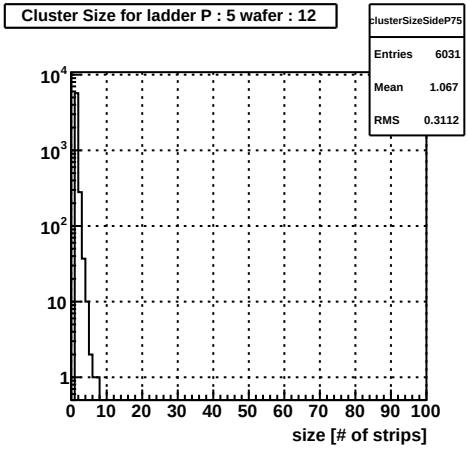

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6434
Mean 1.108
RMS 0.3617
size [# of strips]

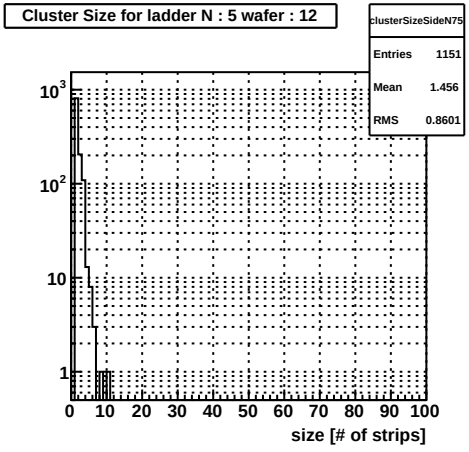

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1794
Mean 1.173
RMS 0.526
size [# of strips]

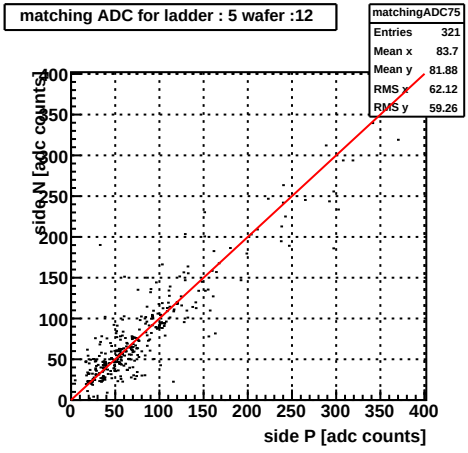

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 390
Mean x 91.49
Mean y 93.91
RMS x 67.48
RMS y 70.43
side N [adc counts]
side P [adc counts]

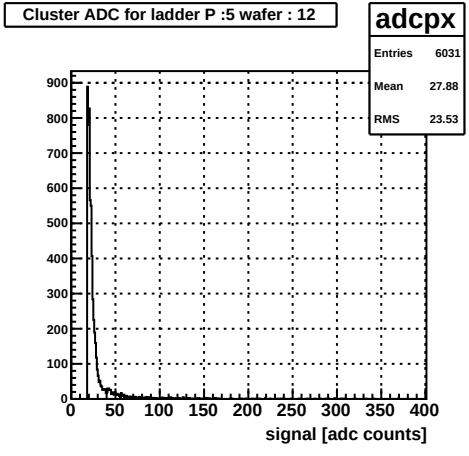

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6434
Mean 32.58
RMS 23.64
signal [adc counts]

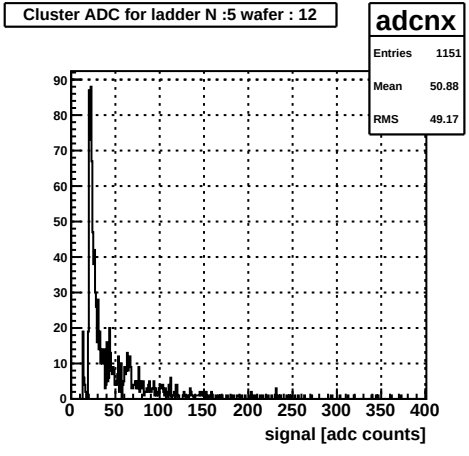

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1794
Mean 44.57
RMS 46.72
signal [adc counts]

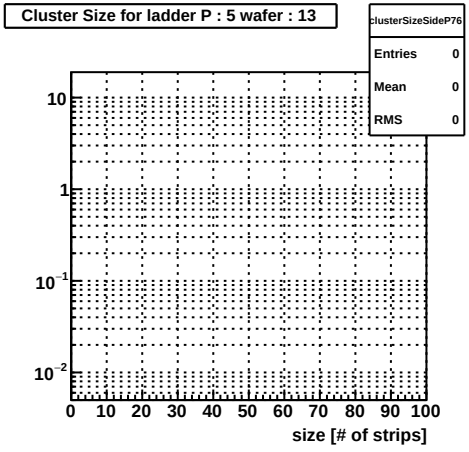

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6031
Mean 1.067
RMS 0.3112
size [# of strips]

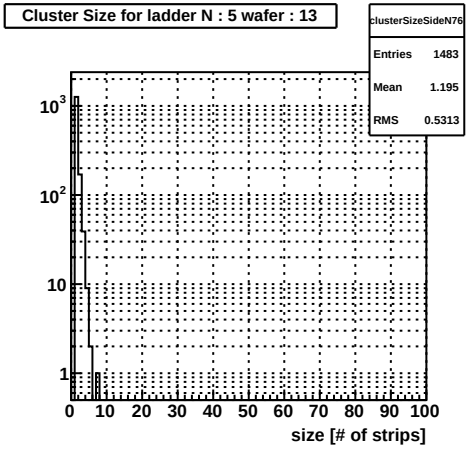

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1151
Mean 1.456
RMS 0.8601
size [# of strips]

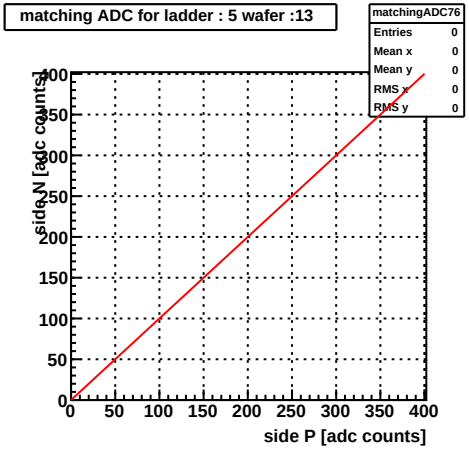

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 321
Mean x 83.7
Mean y 81.88
RMS x 62.12
RMS y 59.26
side N [adc counts]
side P [adc counts]

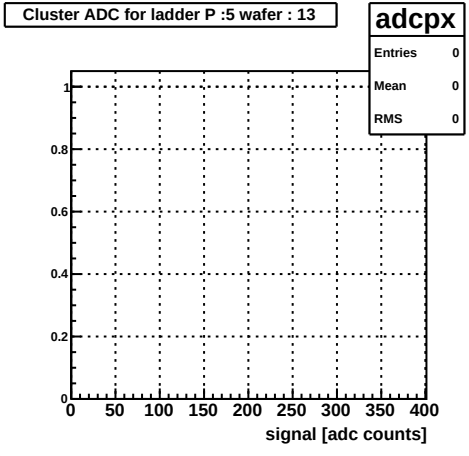

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6031
Mean 27.88
RMS 23.53
signal [adc counts]

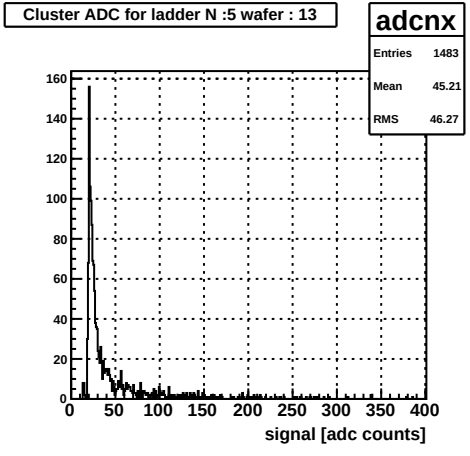

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1151
Mean 50.88
RMS 49.17
signal [adc counts]

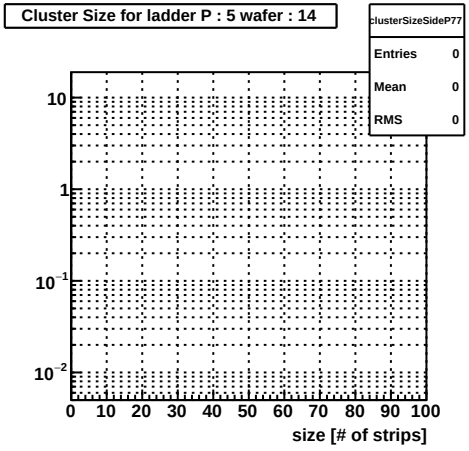

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

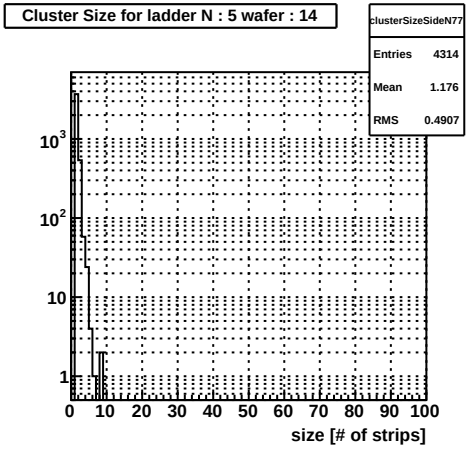

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1483
Mean 1.195
RMS 0.5313
size [# of strips]

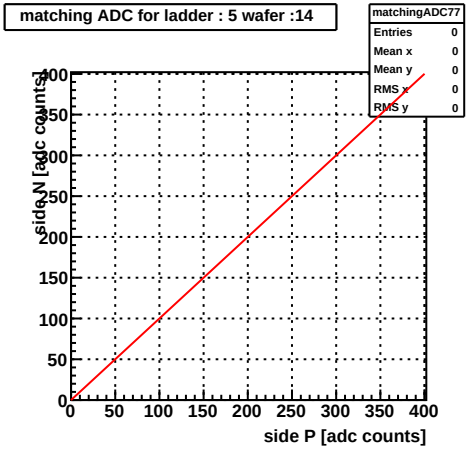

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

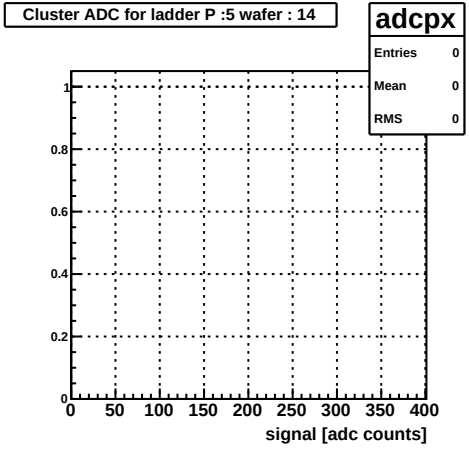

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

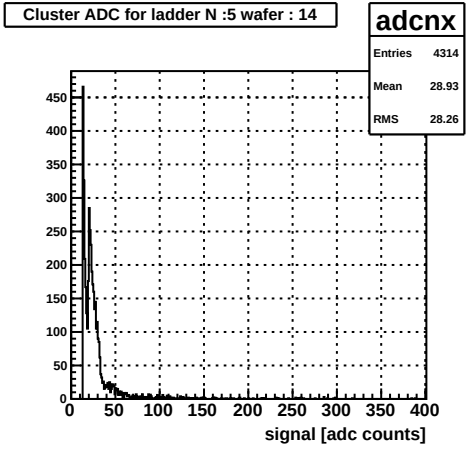

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1483
Mean 45.21
RMS 46.27
signal [adc counts]

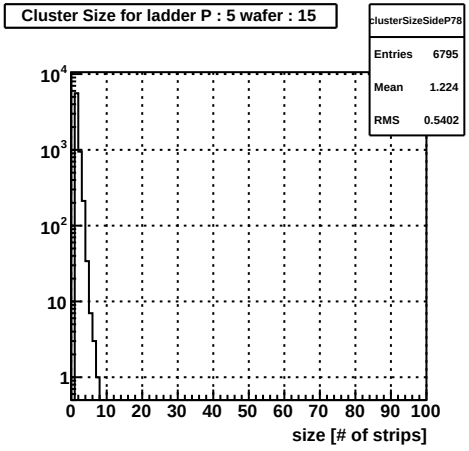

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

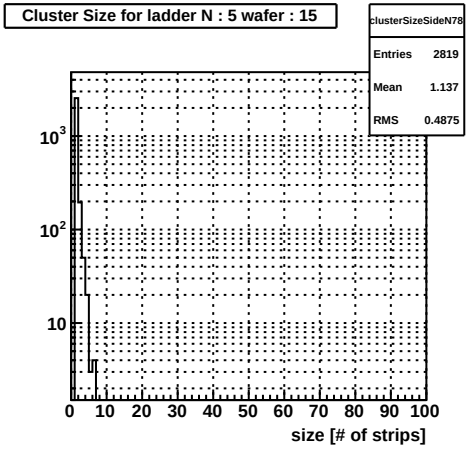

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 4314
Mean 1.176
RMS 0.4907
size [# of strips]

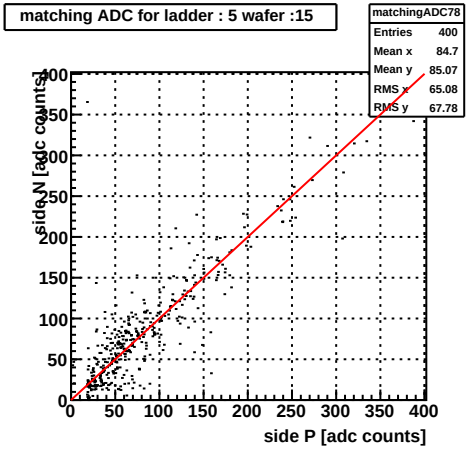

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

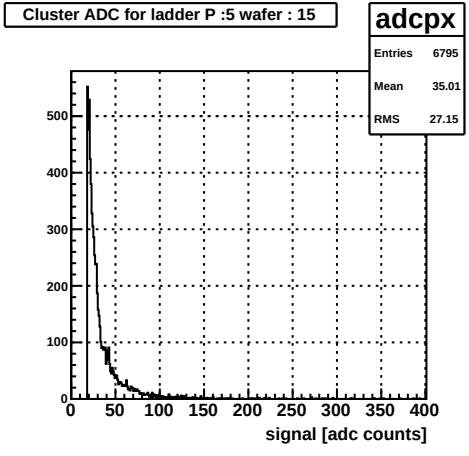

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

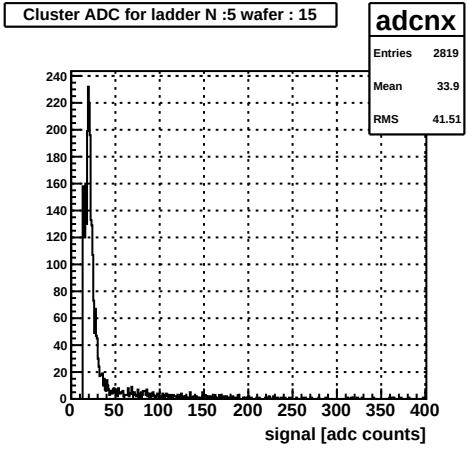

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 4314
Mean 28.93
RMS 28.26
signal [adc counts]

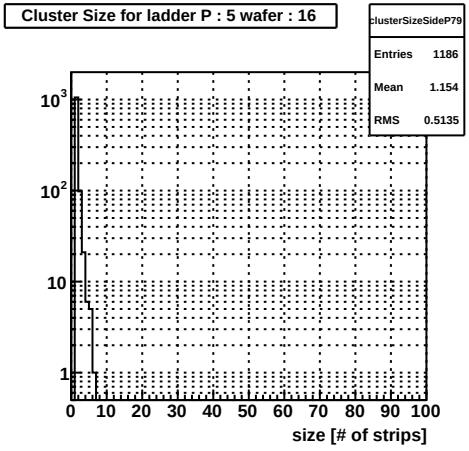

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6795
Mean 1.224
RMS 0.5402
size [# of strips]

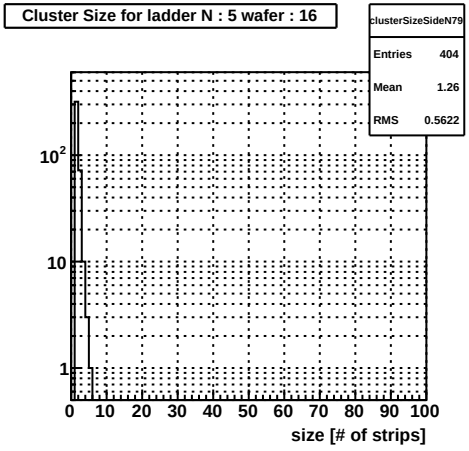

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2819
Mean 1.137
RMS 0.4875
size [# of strips]

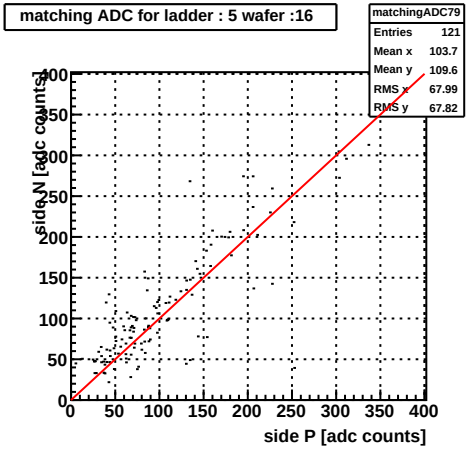

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 400
Mean x 84.7
Mean y 85.07
RMS x 65.08
RMS y 67.78
side N [adc counts]
side P [adc counts]

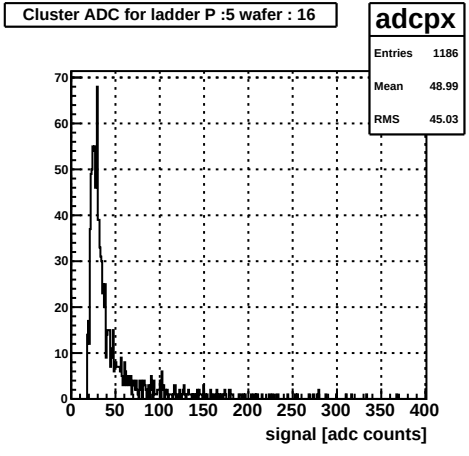

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6795
Mean 35.01
RMS 27.15
signal [adc counts]

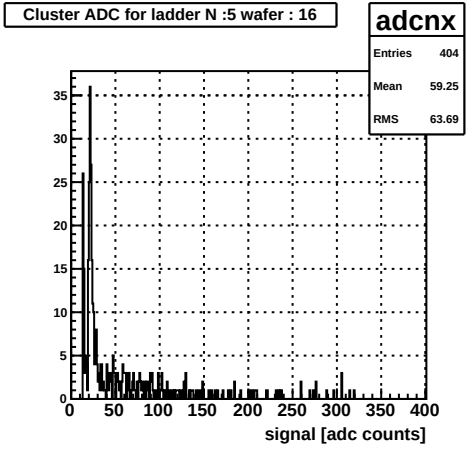

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2819
Mean 33.9
RMS 41.51
signal [adc counts]

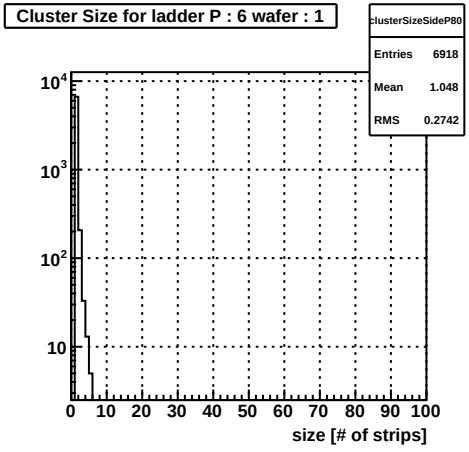

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1186
Mean 1.154
RMS 0.5135
size [# of strips]

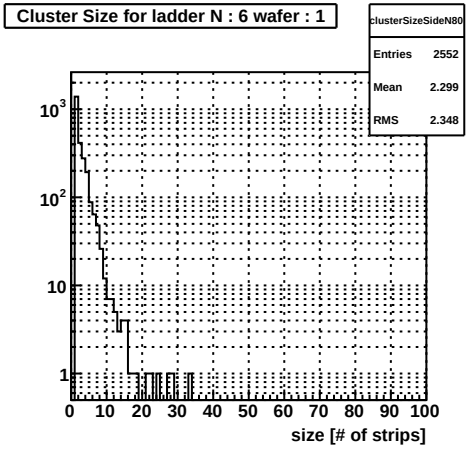

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 404
Mean 1.26
RMS 0.5622
size [# of strips]

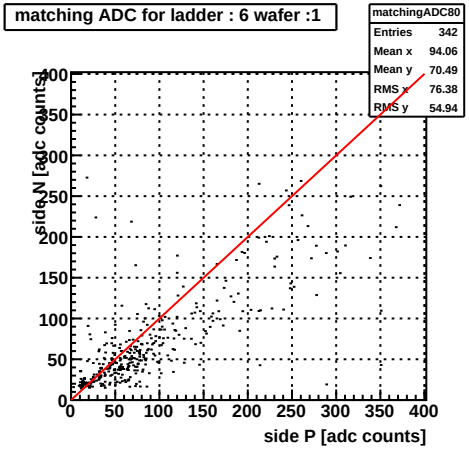

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 121
Mean x 103.7
Mean y 109.6
RMS x 67.99
RMS y 67.82
side N [adc counts]
side P [adc counts]

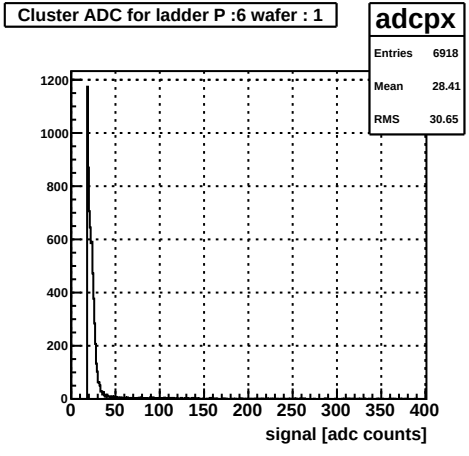

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1186
Mean 48.99
RMS 45.03
signal [adc counts]

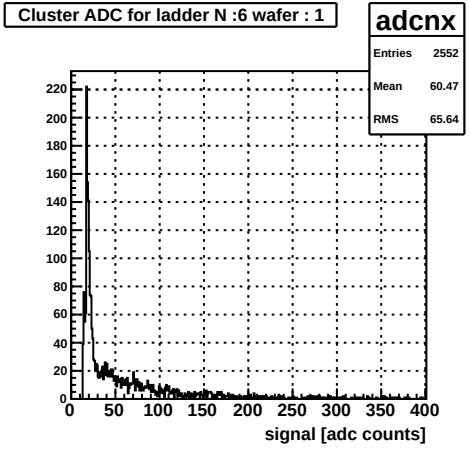

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 404
Mean 59.25
RMS 63.69
signal [adc counts]

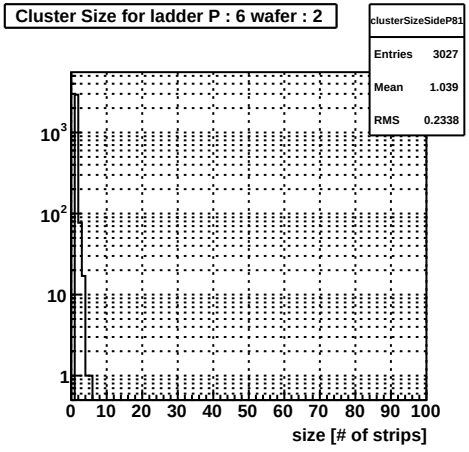

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 6918
Mean 1.048
RMS 0.2742
size [# of strips]

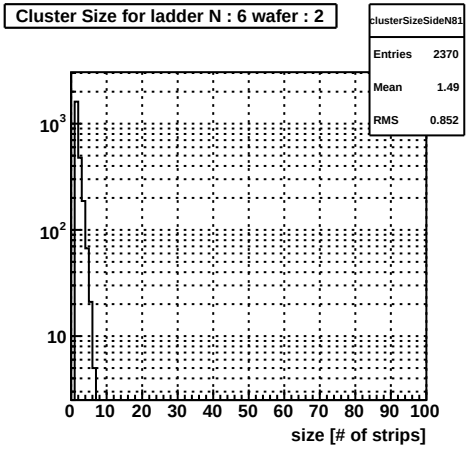

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2552
Mean 2.299
RMS 2.348
size [# of strips]

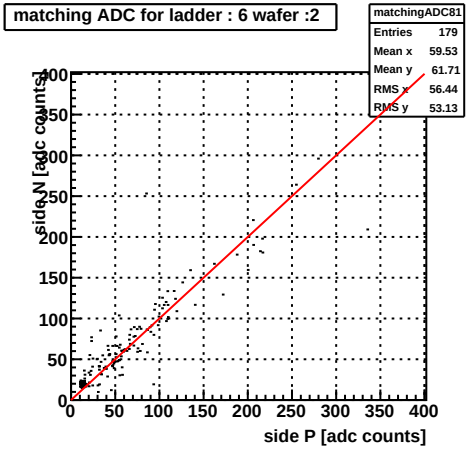

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 342
Mean x 94.06
Mean y 70.49
RMS x 76.38
RMS y 54.94
side N [adc counts]
side P [adc counts]

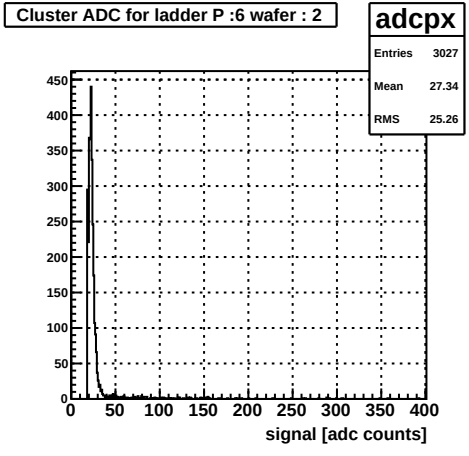

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 6918
Mean 28.41
RMS 30.65
signal [adc counts]

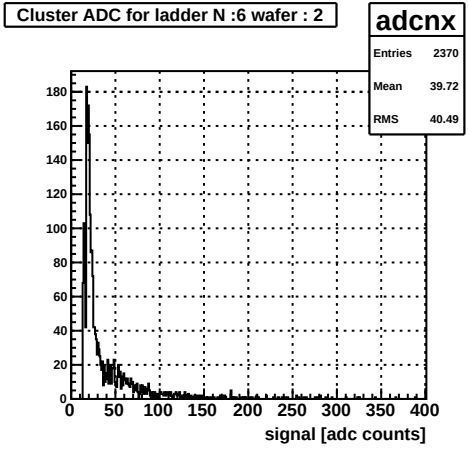

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2552
Mean 60.47
RMS 65.64
signal [adc counts]

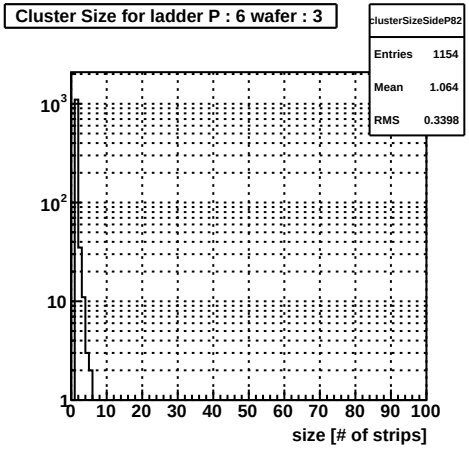

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3027
Mean 1.039
RMS 0.2338
size [# of strips]

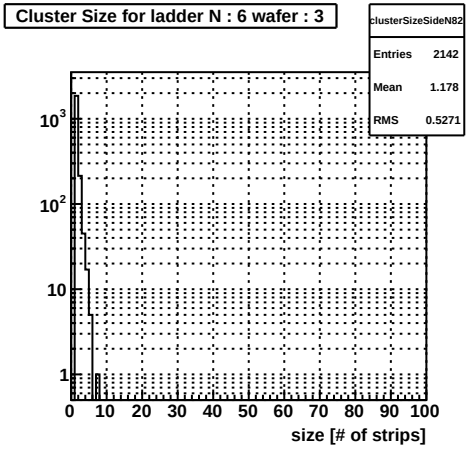

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2370
Mean 1.49
RMS 0.852
size [# of strips]

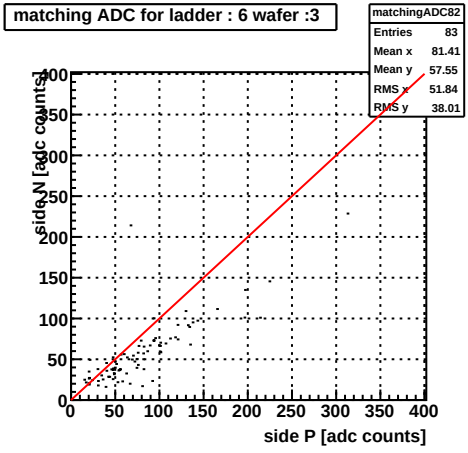

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 179
Mean x 59.53
Mean y 61.71
RMS x 56.44
RMS y 53.13
side N [adc counts]
side P [adc counts]

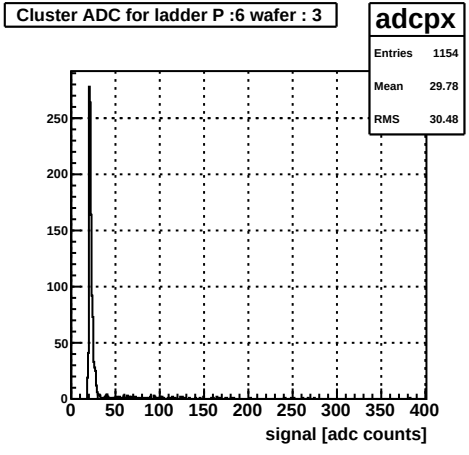

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3027
Mean 27.34
RMS 25.26
signal [adc counts]

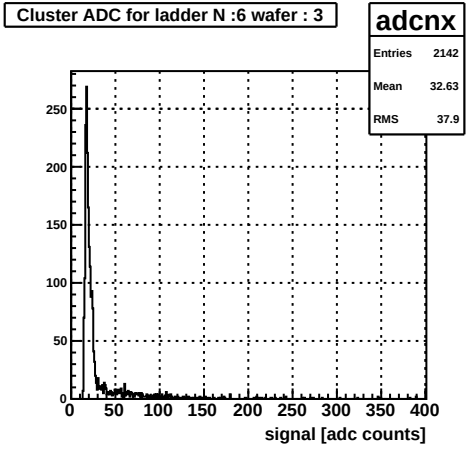

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2370
Mean 39.72
RMS 40.49
signal [adc counts]

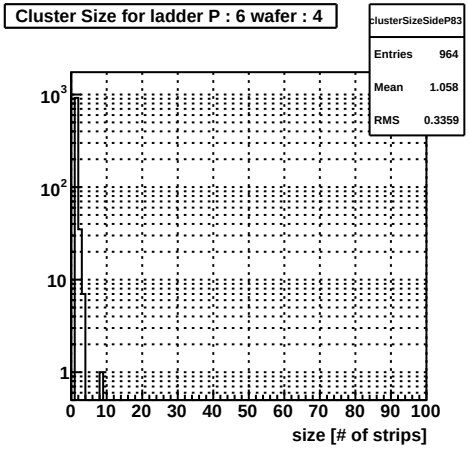

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1154
Mean 1.064
RMS 0.3398
size [# of strips]

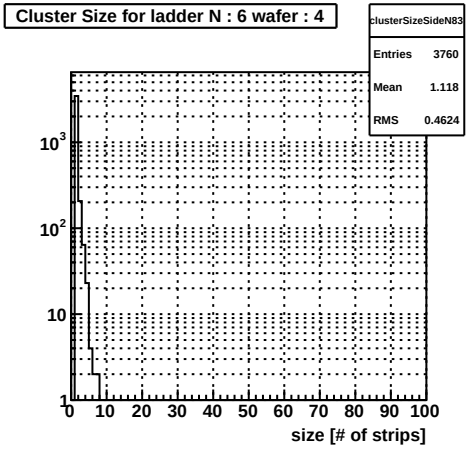

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2142
Mean 1.178
RMS 0.5271
size [# of strips]

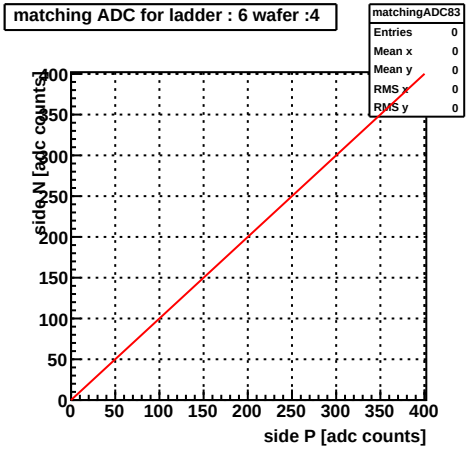

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 83
Mean x 81.41
Mean y 57.55
RMS x 51.84
RMS y 38.01
side N [adc counts]
side P [adc counts]

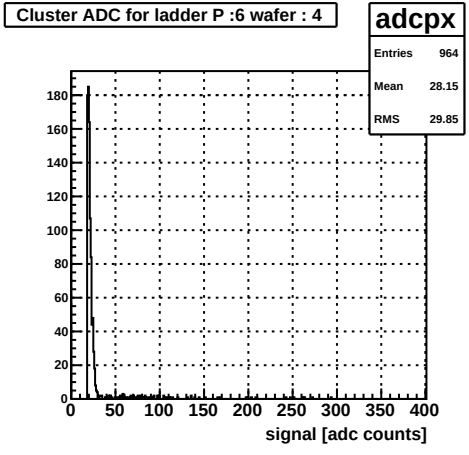

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1154
Mean 29.78
RMS 30.48
signal [adc counts]

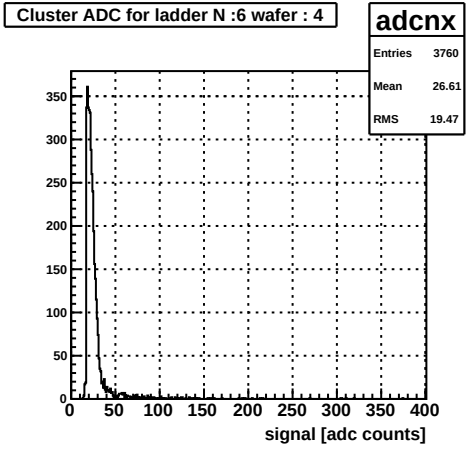

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2142
Mean 32.63
RMS 37.9
signal [adc counts]

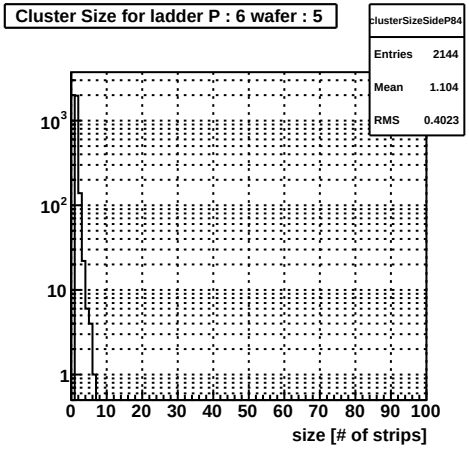

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 964
Mean 1.058
RMS 0.3359
size [# of strips]

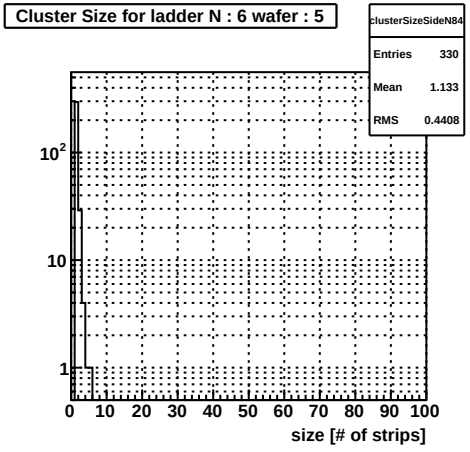

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3760
Mean 1.118
RMS 0.4624
size [# of strips]

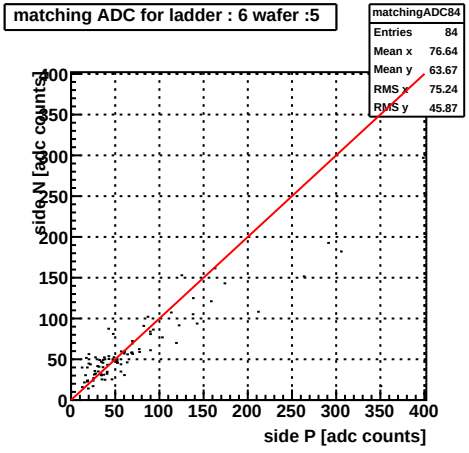

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

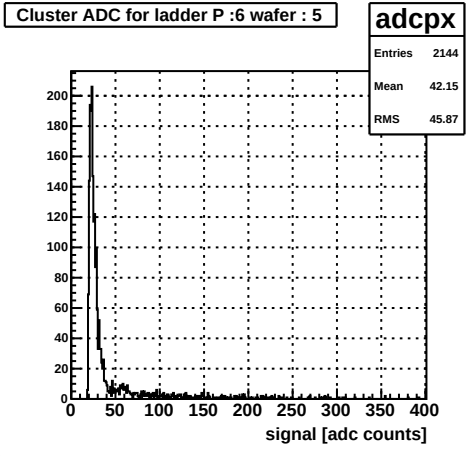

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 964
Mean 28.15
RMS 29.85
signal [adc counts]

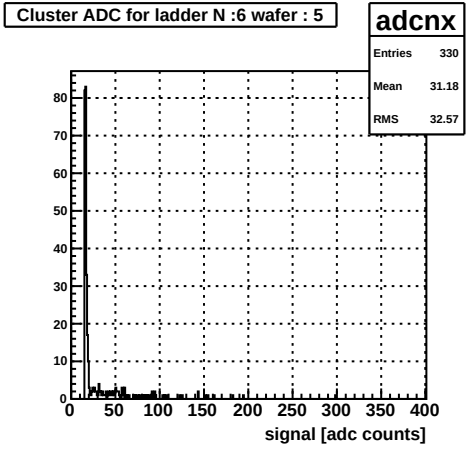

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3760
Mean 26.61
RMS 19.47
signal [adc counts]

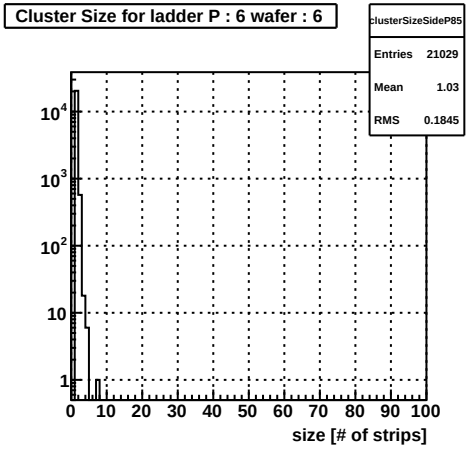

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2144
Mean 1.104
RMS 0.4023
size [# of strips]

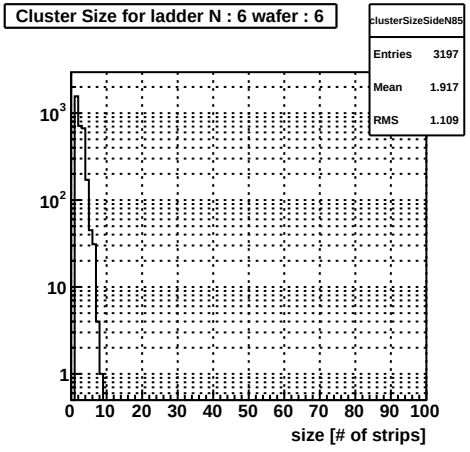

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 330
Mean 1.133
RMS 0.4408
size [# of strips]

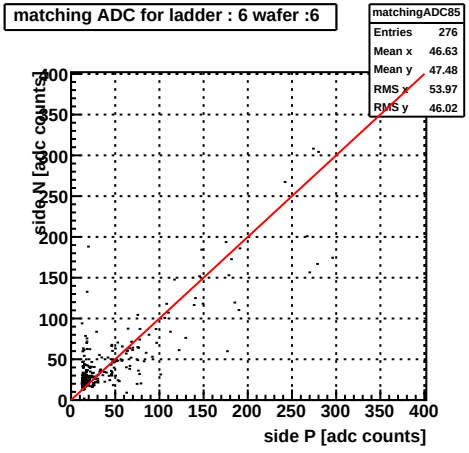

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 84
Mean x 76.64
Mean y 63.67
RMS x 75.24
RMS y 45.87
side N [adc counts]
side P [adc counts]

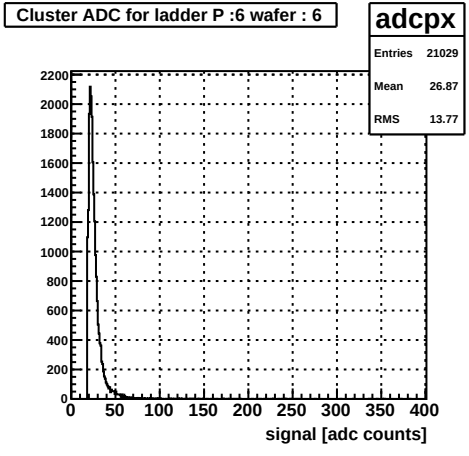

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2144
Mean 42.15
RMS 45.87
signal [adc counts]

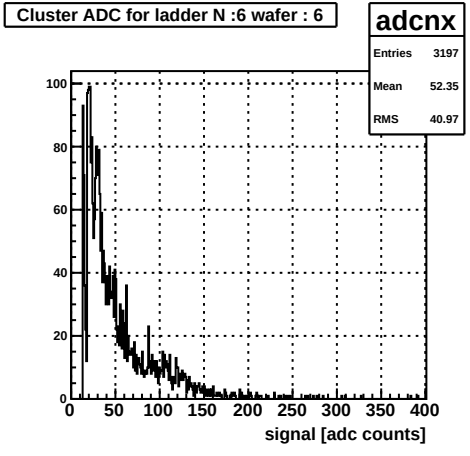

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 330
Mean 31.18
RMS 32.57
signal [adc counts]

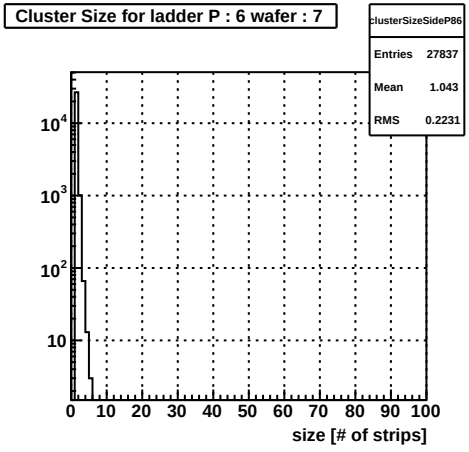

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 21029
Mean 1.03
RMS 0.1845
size [# of strips]

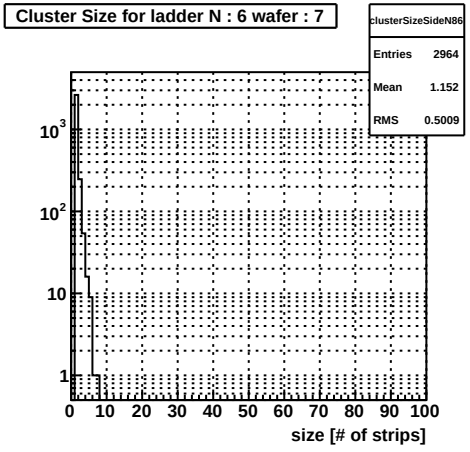

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3197
Mean 1.917
RMS 1.109
size [# of strips]

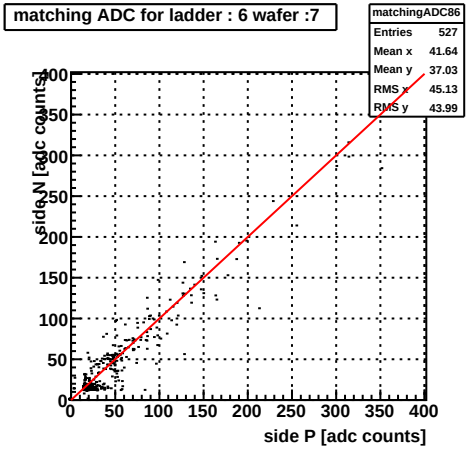

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 276
Mean x 46.63
Mean y 47.48
RMS x 53.97
RMS y 46.02
side N [adc counts]
side P [adc counts]

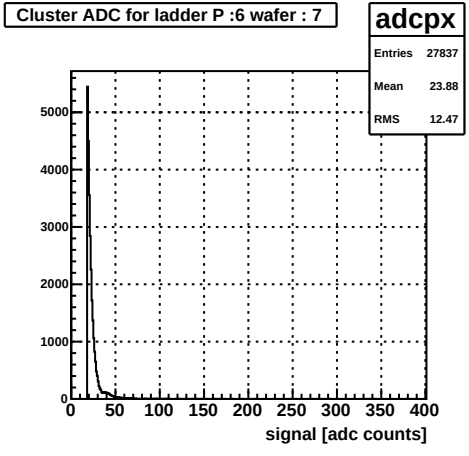

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 21029
Mean 26.87
RMS 13.77
signal [adc counts]

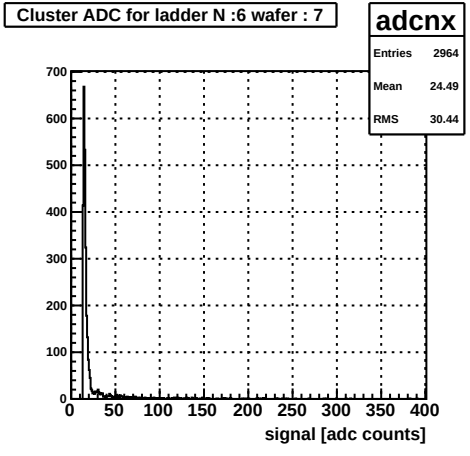

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3197
Mean 52.35
RMS 40.97
signal [adc counts]

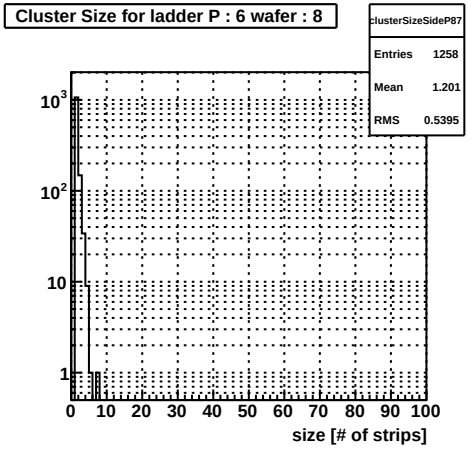

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 27837
Mean 1.043
RMS 0.2231
size [# of strips]

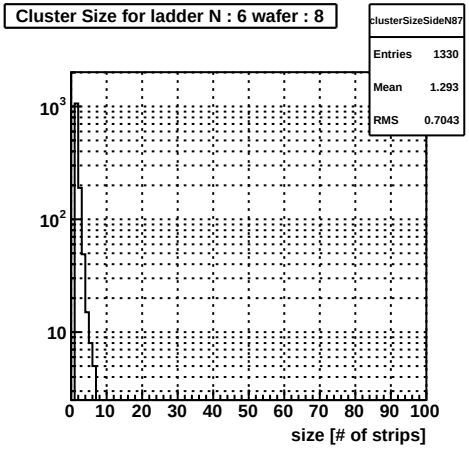

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2964
Mean 1.152
RMS 0.5009
size [# of strips]

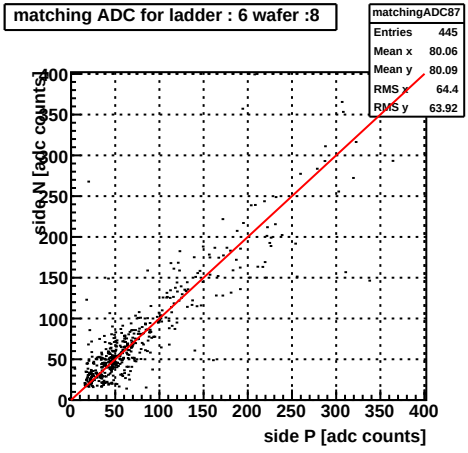

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 527
Mean x 41.64
Mean y 37.03
RMS x 45.13
RMS y 43.99
side N [adc counts]
side P [adc counts]

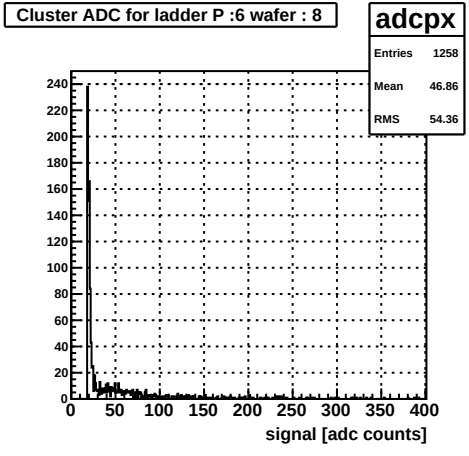

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 27837
Mean 23.88
RMS 12.47
signal [adc counts]

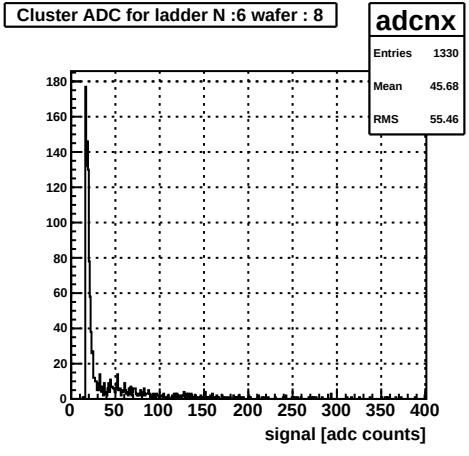

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2964
Mean 24.49
RMS 30.44
signal [adc counts]

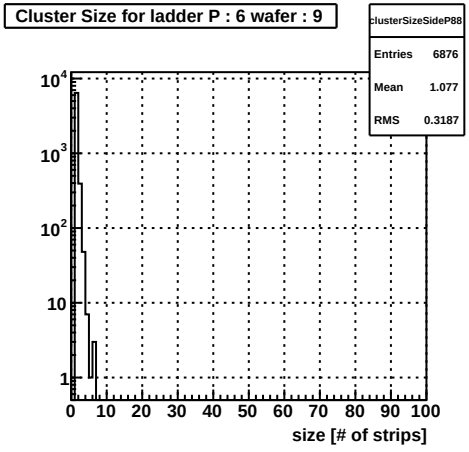

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1258
Mean 1.201
RMS 0.5395
size [# of strips]

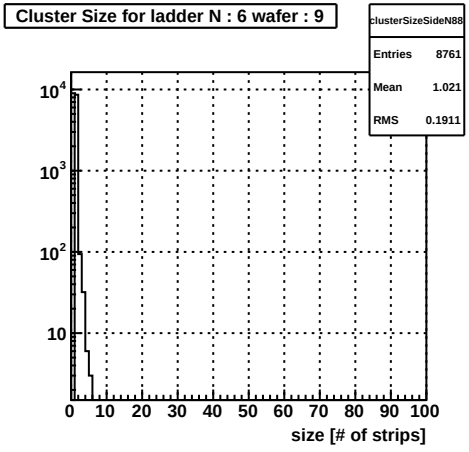

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1330
Mean 1.293
RMS 0.7043
size [# of strips]

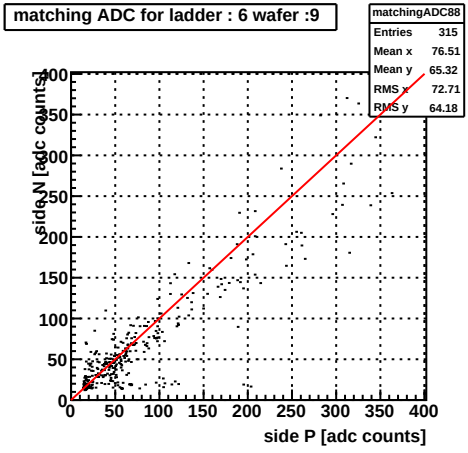

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 445
Mean x 80.06
Mean y 80.09
RMS x 64.4
RMS y 63.92
side N [adc counts]
side P [adc counts]

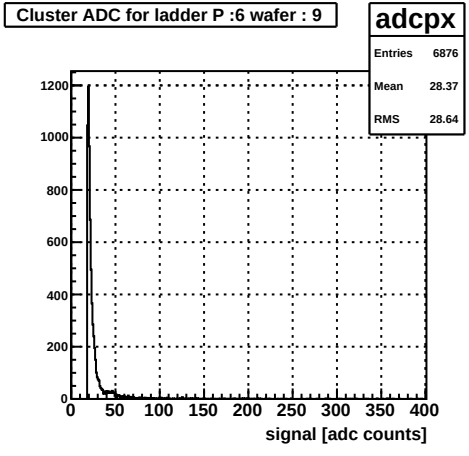

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1258
Mean 46.86
RMS 54.36
signal [adc counts]

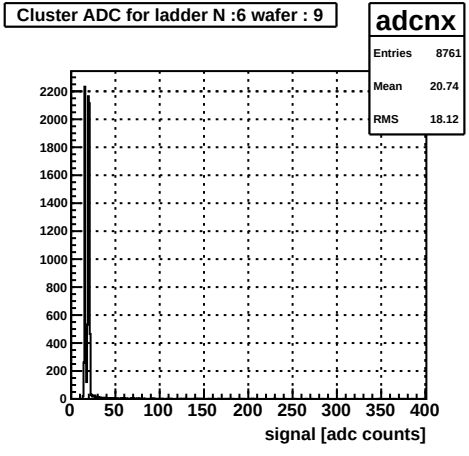

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1330
Mean 45.68
RMS 55.46
signal [adc counts]

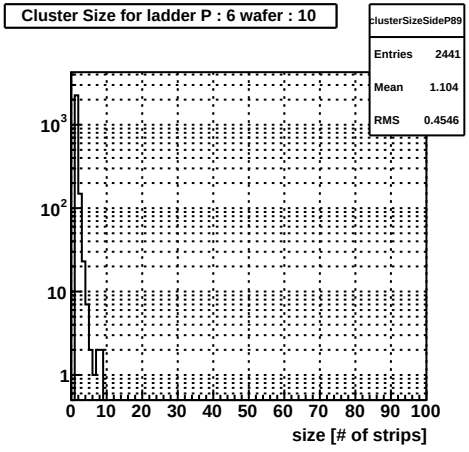

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6876
Mean 1.077
RMS 0.3187
size [# of strips]

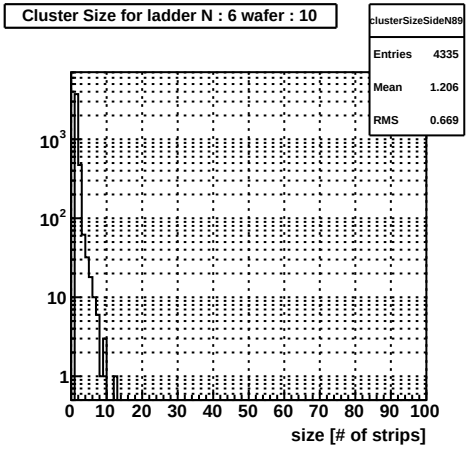

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 8761
Mean 1.021
RMS 0.1911
size [# of strips]

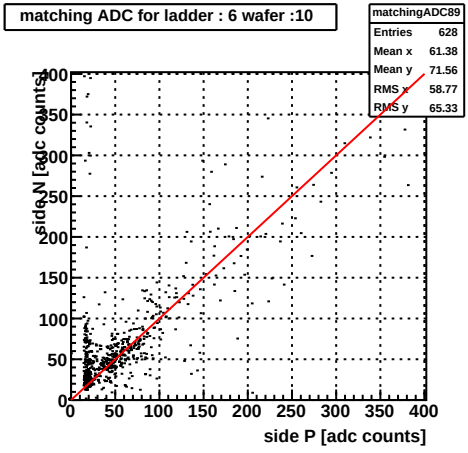

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 315
Mean x 76.51
Mean y 65.32
RMS x 72.71
RMS y 64.18
side N [adc counts]
side P [adc counts]

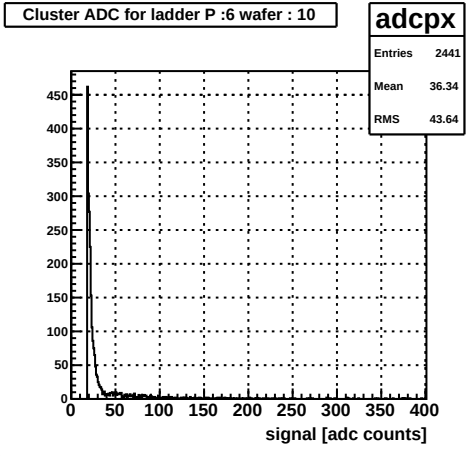

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6876
Mean 28.37
RMS 28.64
signal [adc counts]

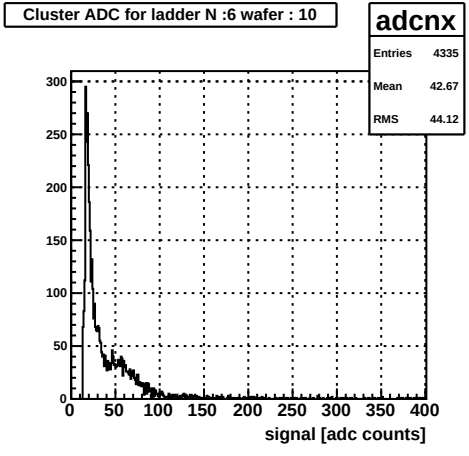

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 8761
Mean 20.74
RMS 18.12
signal [adc counts]

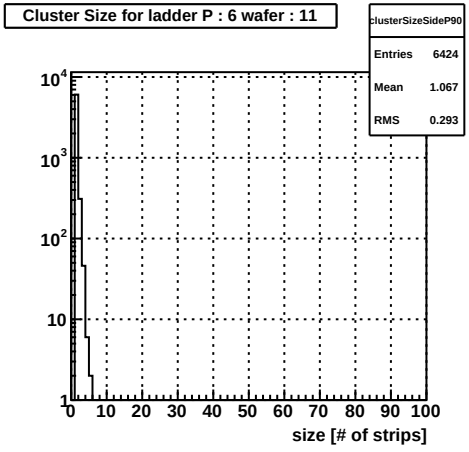

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2441
Mean 1.104
RMS 0.4546
size [# of strips]

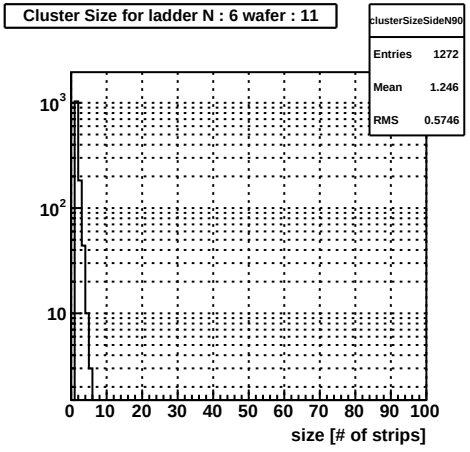

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 4335
Mean 1.206
RMS 0.669
size [# of strips]

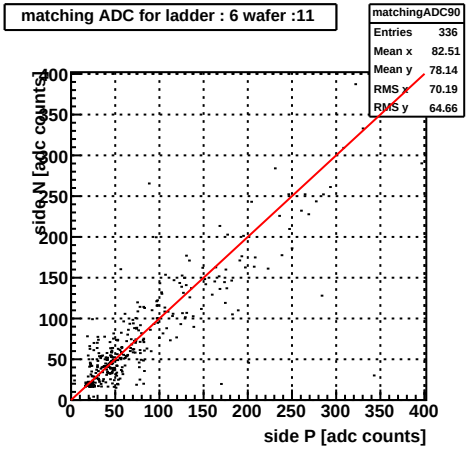

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 628
Mean x 61.38
Mean y 71.56
RMS x 58.77
RMS y 65.33
side N [adc counts]
side P [adc counts]

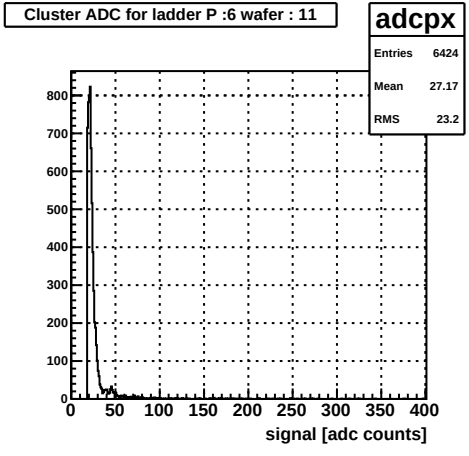

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2441
Mean 36.34
RMS 43.64
signal [adc counts]

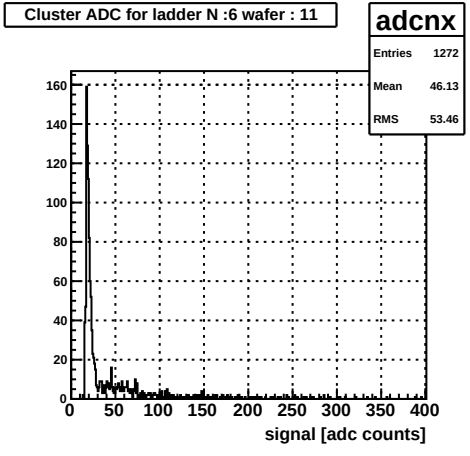

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 4335
Mean 42.67
RMS 44.12
signal [adc counts]

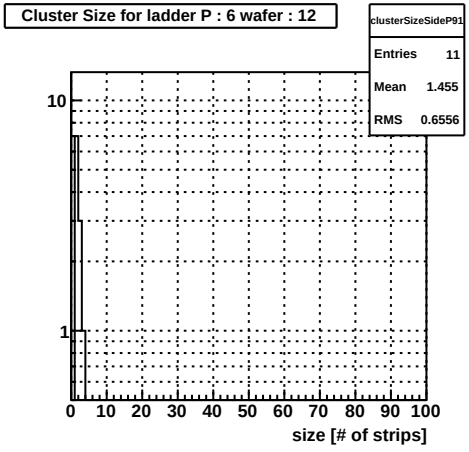

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6424
Mean 1.067
RMS 0.293
size [# of strips]

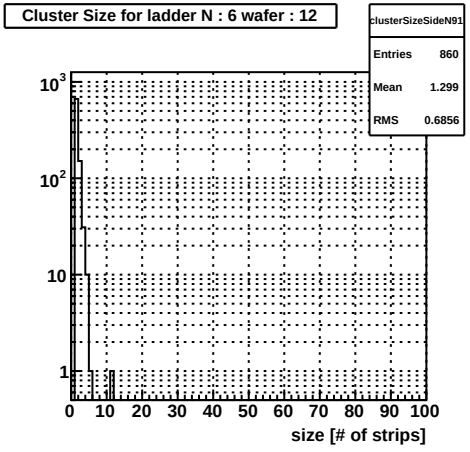

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1272
Mean 1.246
RMS 0.5746
size [# of strips]

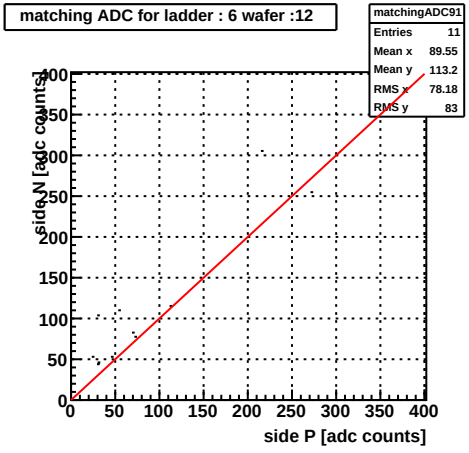

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 336
Mean x 82.51
Mean y 78.14
RMS x 70.19
RMS y 64.66
side N [adc counts]
side P [adc counts]

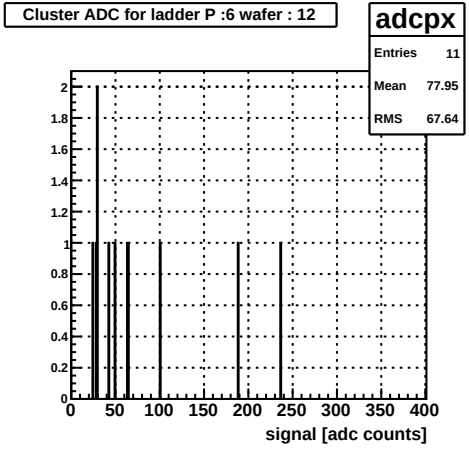

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6424
Mean 27.17
RMS 23.2
signal [adc counts]

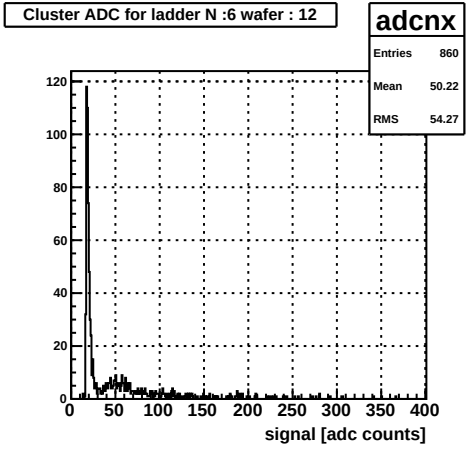

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1272
Mean 46.13
RMS 53.46
signal [adc counts]

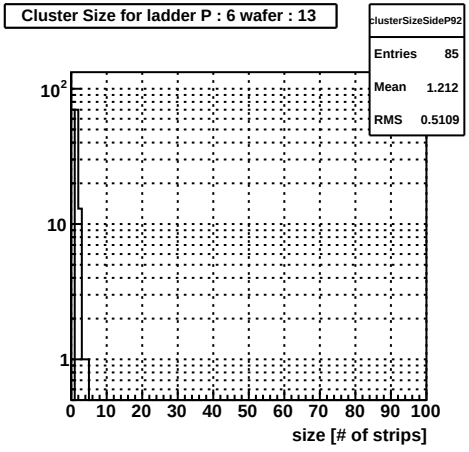

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 11
Mean 1.455
RMS 0.6556
size [# of strips]

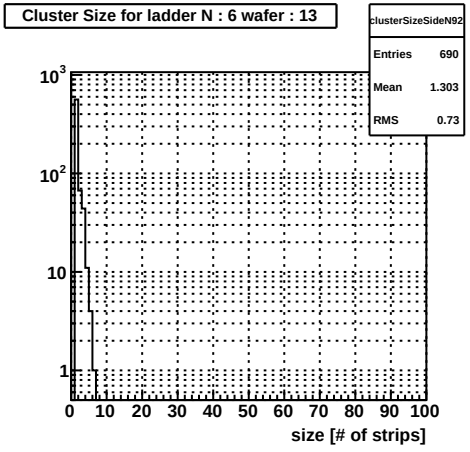

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 860
Mean 1.299
RMS 0.6856
size [# of strips]

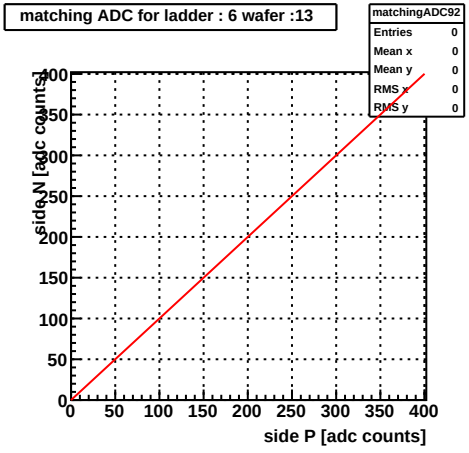

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 11
Mean x 89.55
Mean y 113.2
RMS x 78.18
RMS y 83
side N [adc counts]
side P [adc counts]

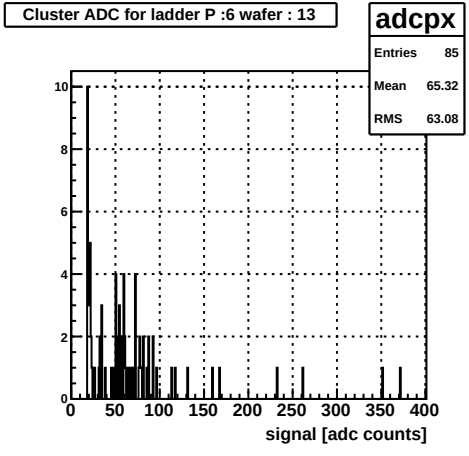

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 11
Mean 77.95
RMS 67.64
signal [adc counts]

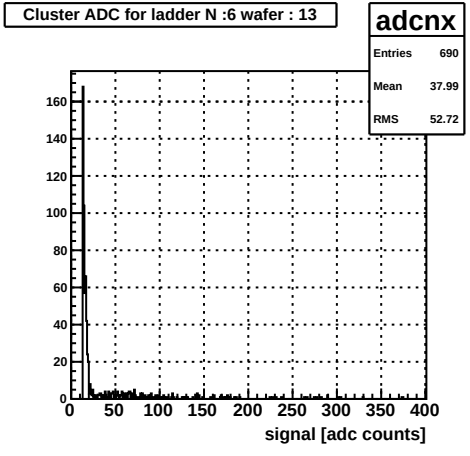

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 860
Mean 50.22
RMS 54.27
signal [adc counts]

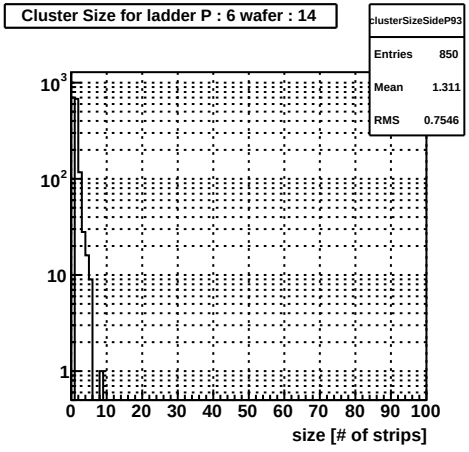

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 85
Mean 1.212
RMS 0.5109
size [# of strips]

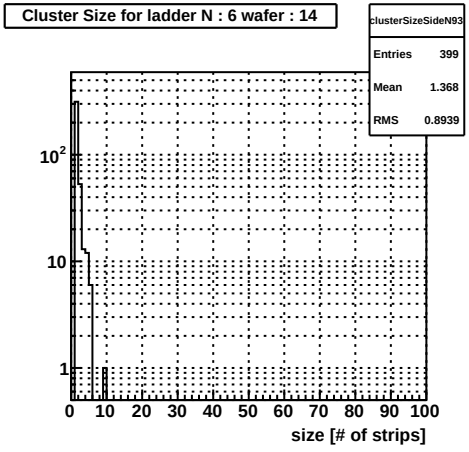

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 690
Mean 1.303
RMS 0.73
size [# of strips]

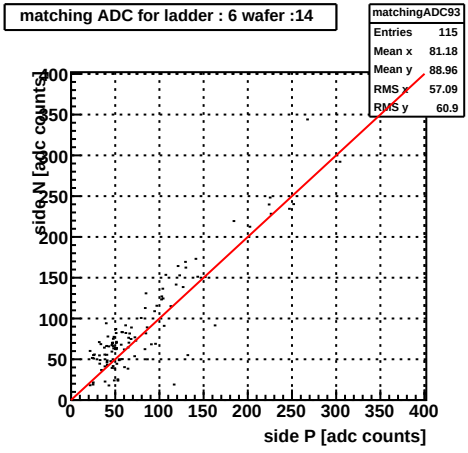

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

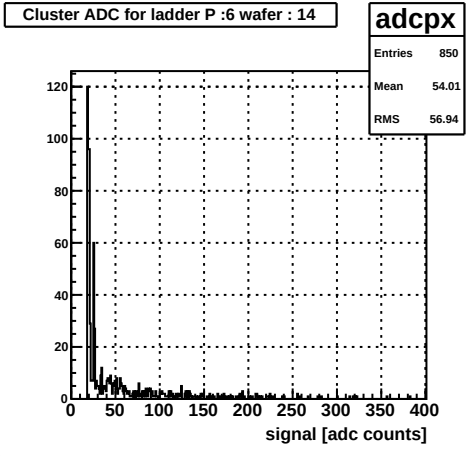

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 85
Mean 65.32
RMS 63.08
signal [adc counts]

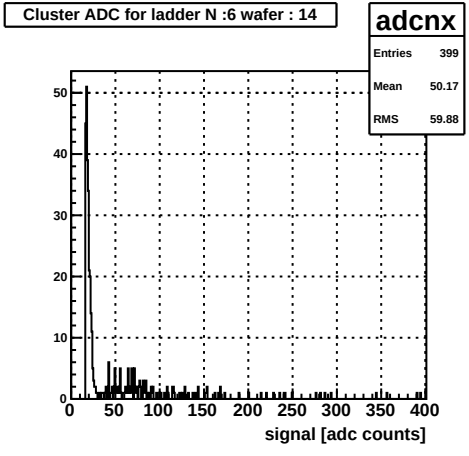

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 690
Mean 37.99
RMS 52.72
signal [adc counts]

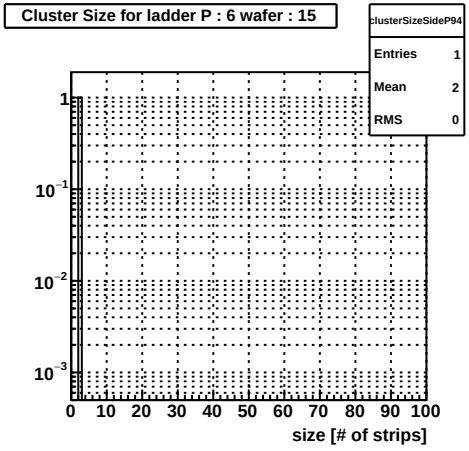

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 850
Mean 1.311
RMS 0.7546
size [# of strips]

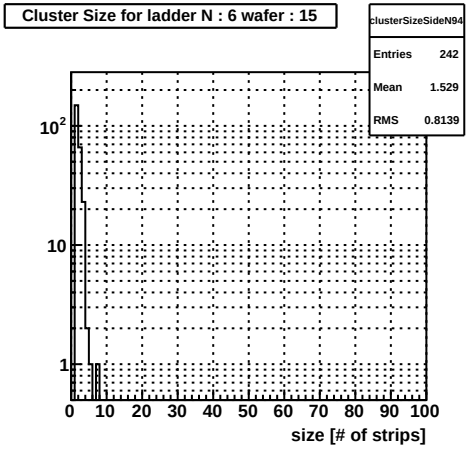

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 399
Mean 1.368
RMS 0.8939
size [# of strips]

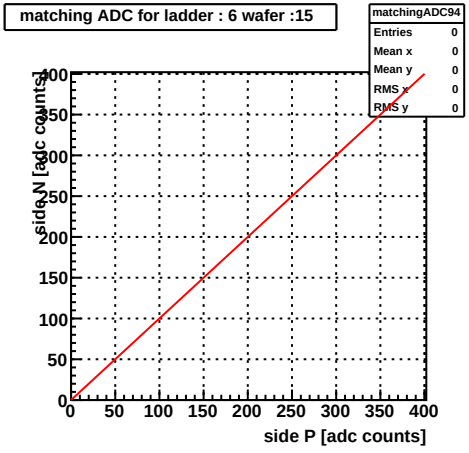

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 115
Mean x 81.18
Mean y 88.96
RMS x 57.09
RMS y 60.9
side N [adc counts]
side P [adc counts]

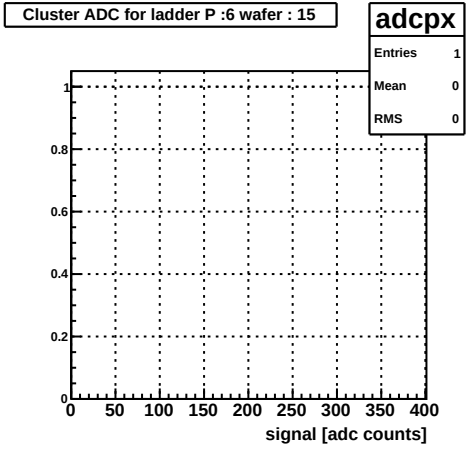

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 850
Mean 54.01
RMS 56.94
signal [adc counts]

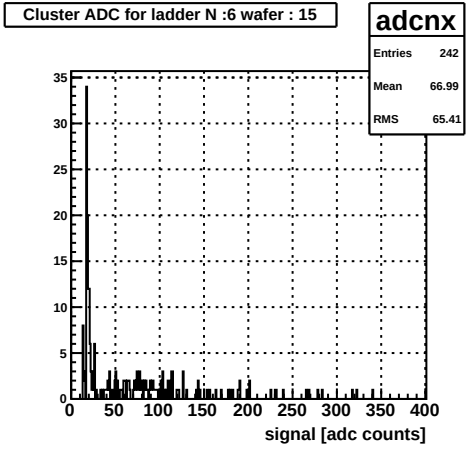

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 399
Mean 50.17
RMS 59.88
signal [adc counts]

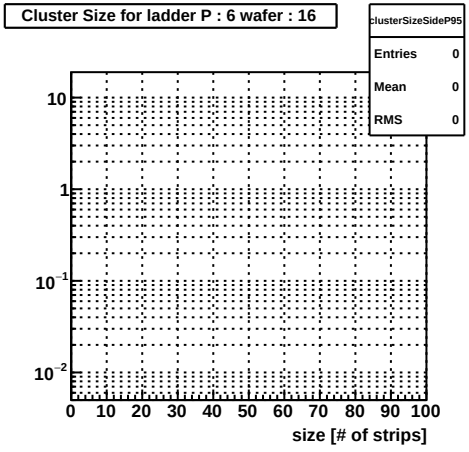

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 2
RMS 0
size [# of strips]

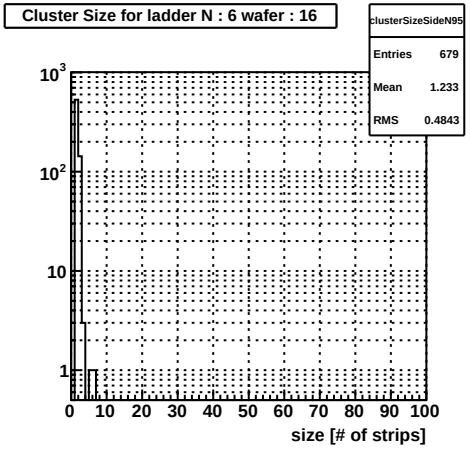

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 242
Mean 1.529
RMS 0.8139
size [# of strips]

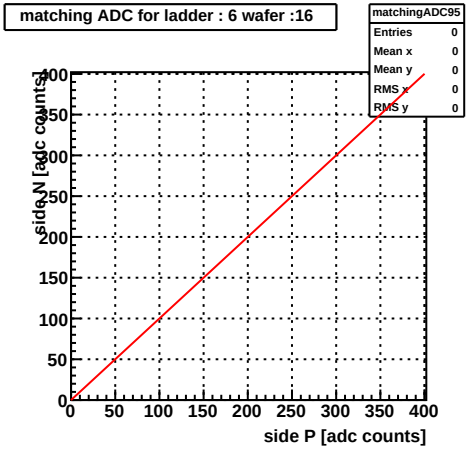

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

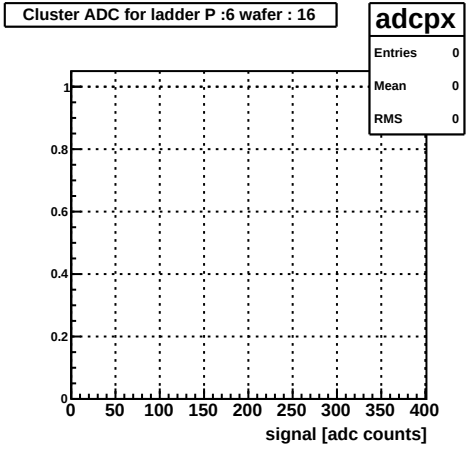

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

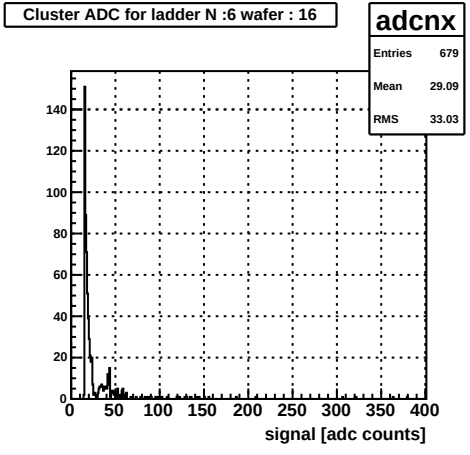

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 242
Mean 66.99
RMS 65.41
signal [adc counts]

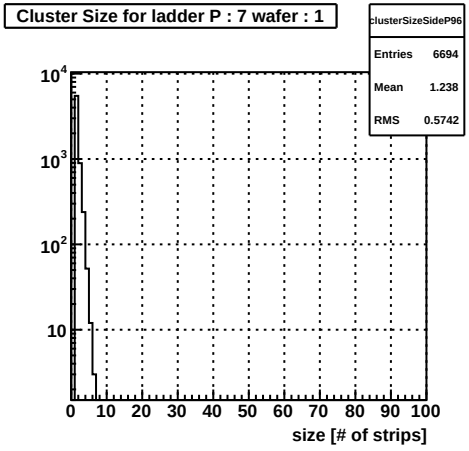

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

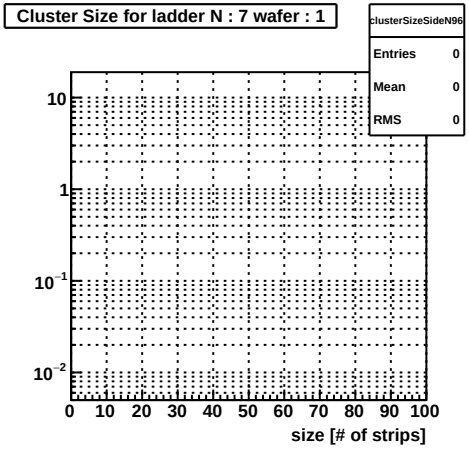

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 679
Mean 1.233
RMS 0.4843
size [# of strips]

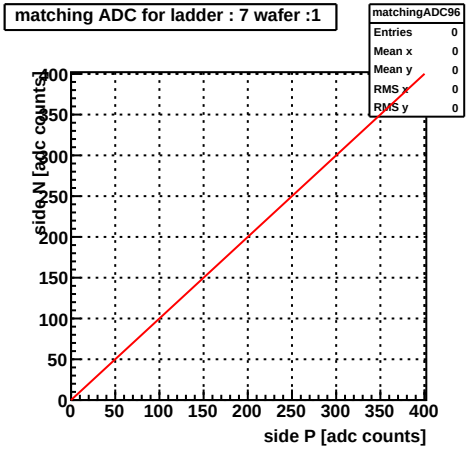

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

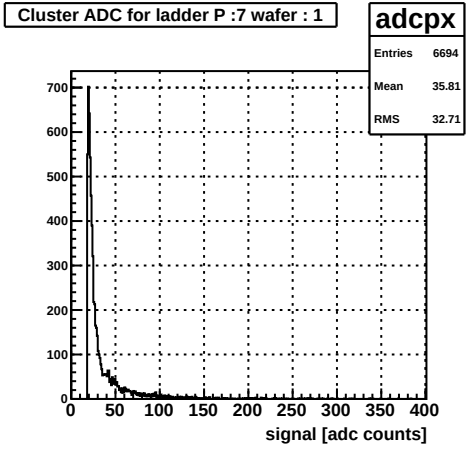

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

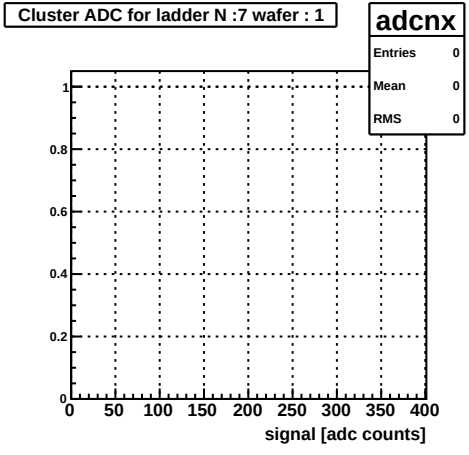

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 679
Mean 29.09
RMS 33.03
signal [adc counts]

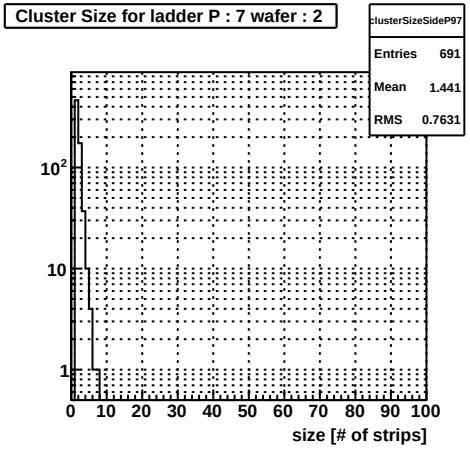

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 6694
Mean 1.238
RMS 0.5742
size [# of strips]

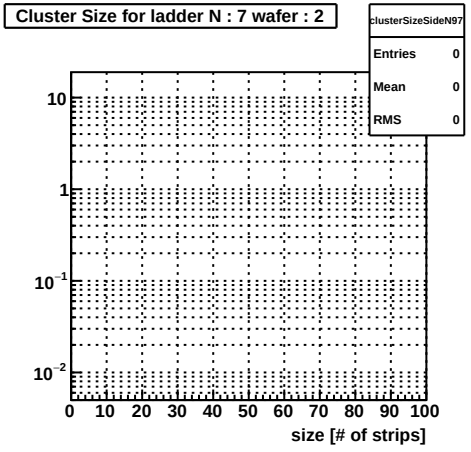

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

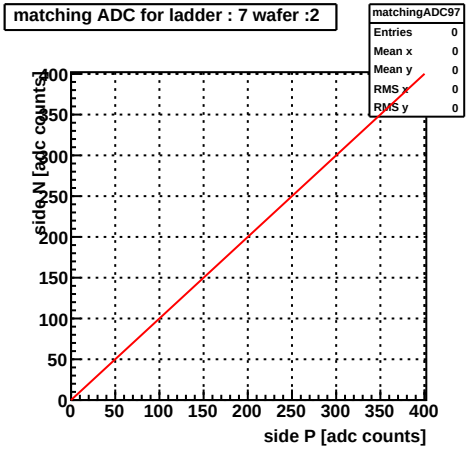

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

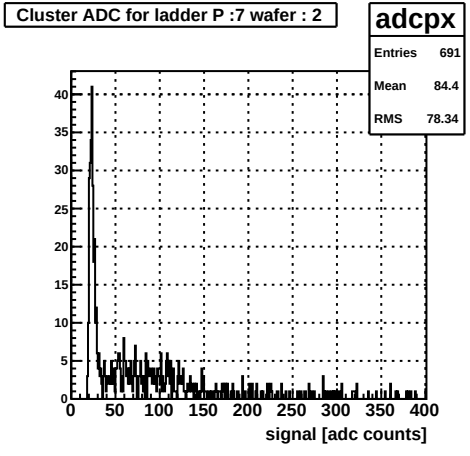

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 6694
Mean 35.81
RMS 32.71
signal [adc counts]

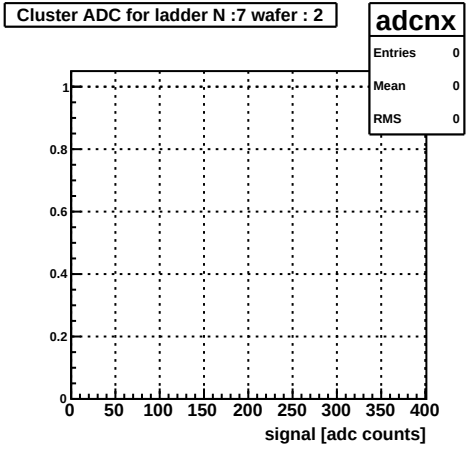

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

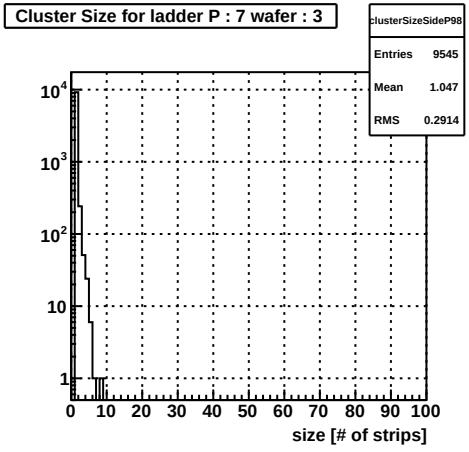

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 691
Mean 1.441
RMS 0.7631
size [# of strips]

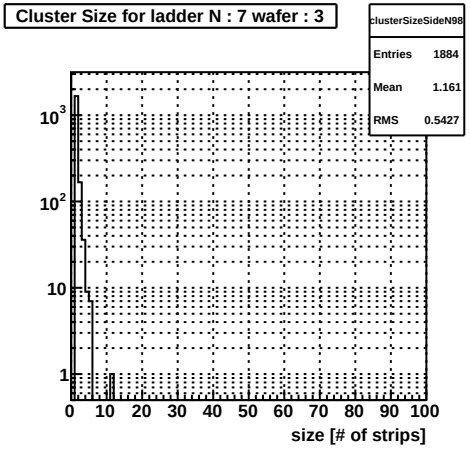

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

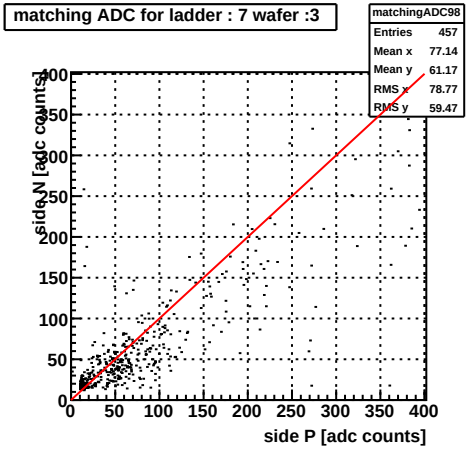

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

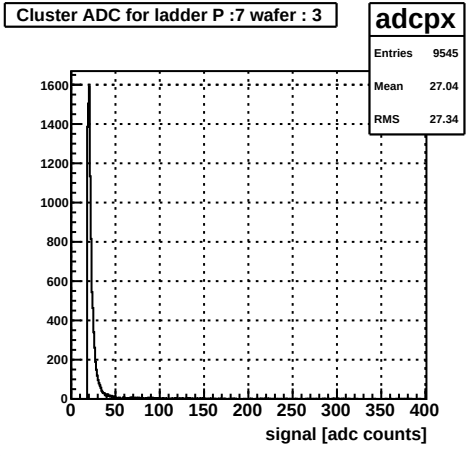

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 691
Mean 84.4
RMS 78.34
signal [adc counts]

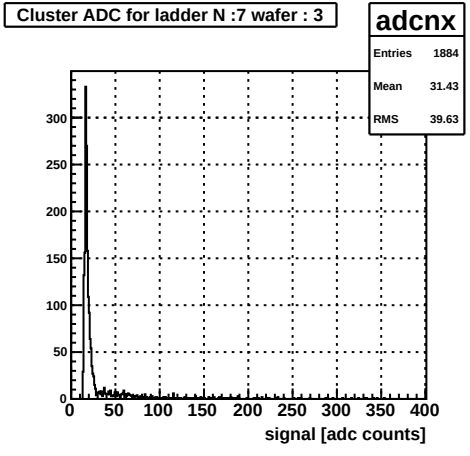

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

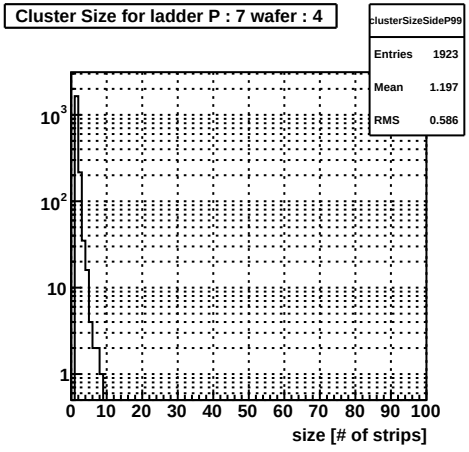

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 9545
Mean 1.047
RMS 0.2914
size [# of strips]

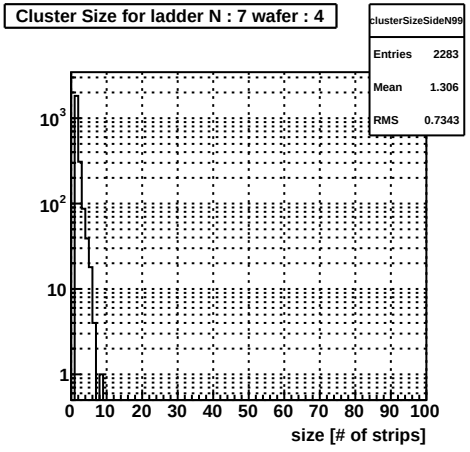

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1884
Mean 1.161
RMS 0.5427
size [# of strips]

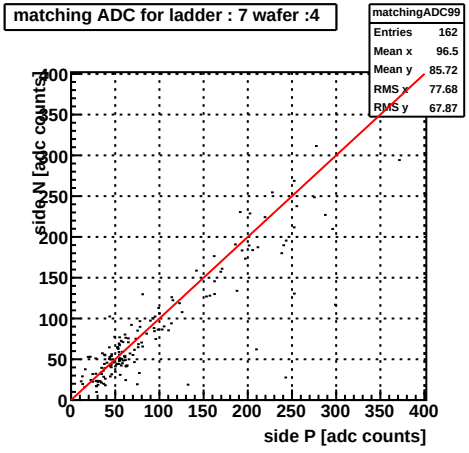

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 457
Mean x 77.14
Mean y 61.17
RMS x 78.77
RMS y 59.47
side N [adc counts]
side P [adc counts]

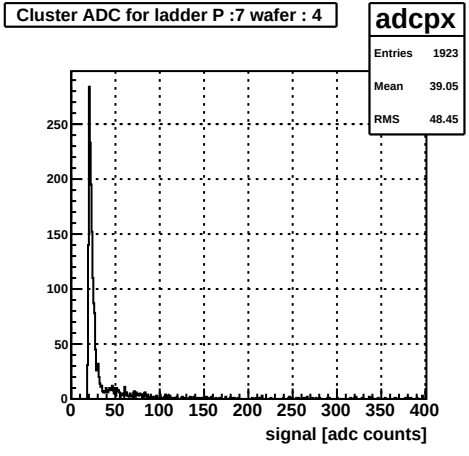

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 9545
Mean 27.04
RMS 27.34
signal [adc counts]

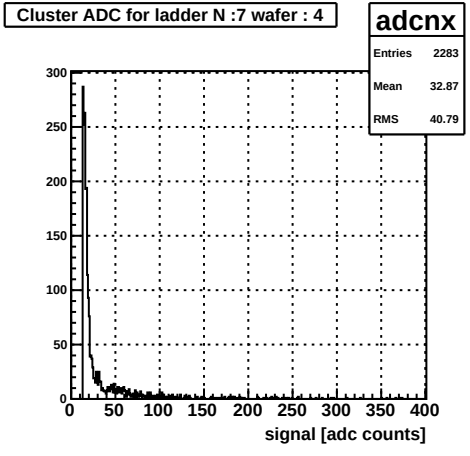

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1884
Mean 31.43
RMS 39.63
signal [adc counts]

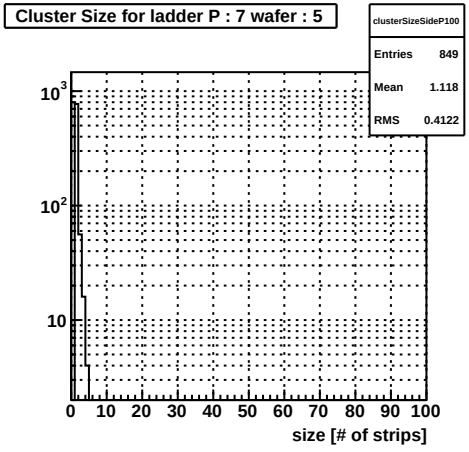

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1923
Mean 1.197
RMS 0.586
size [# of strips]

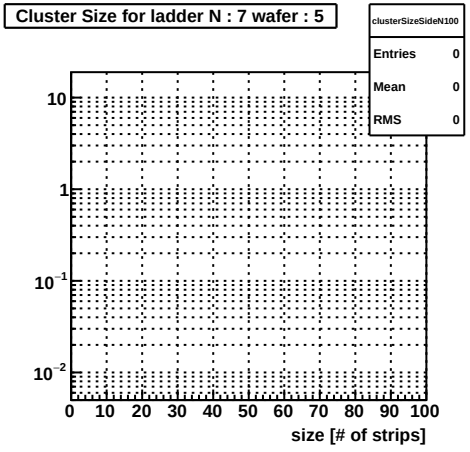

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2283
Mean 1.306
RMS 0.7343
size [# of strips]

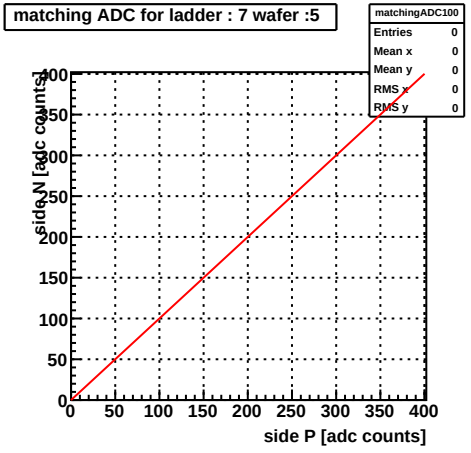

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 162
Mean x 96.5
Mean y 85.72
RMS x 77.68
RMS y 67.87
side N [adc counts]
side P [adc counts]

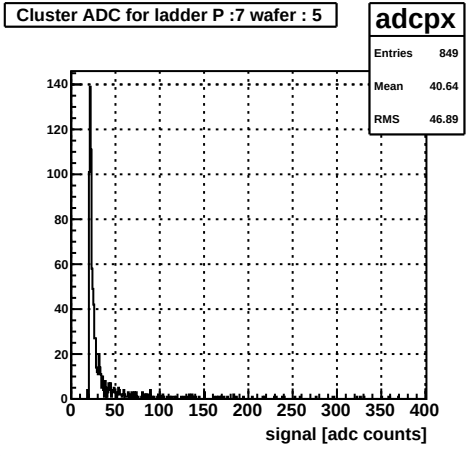

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1923
Mean 39.05
RMS 48.45
signal [adc counts]

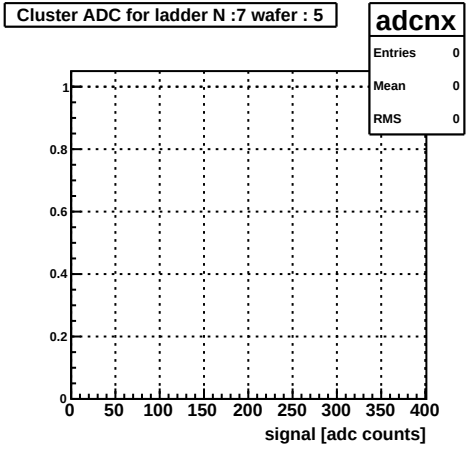

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2283
Mean 32.87
RMS 40.79
signal [adc counts]

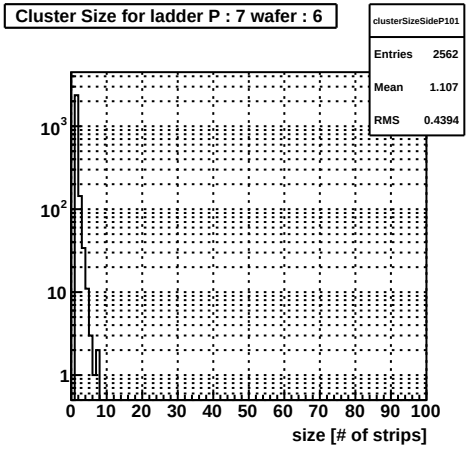

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 849
Mean 1.118
RMS 0.4122
size [# of strips]

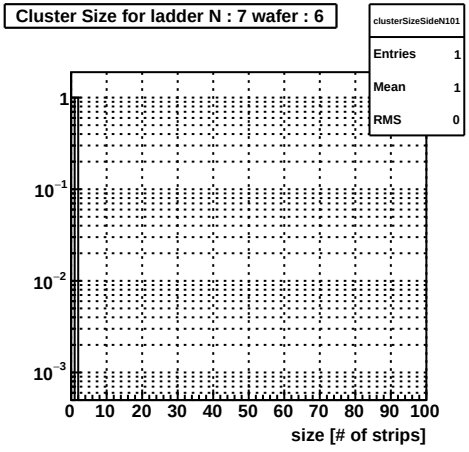

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

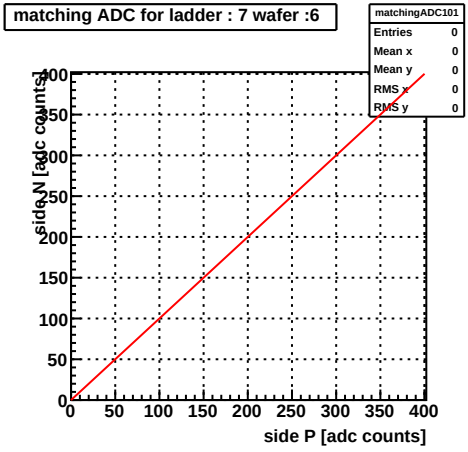

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

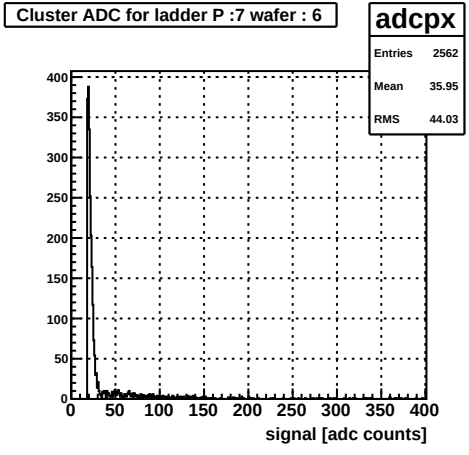

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 849
Mean 40.64
RMS 46.89
signal [adc counts]

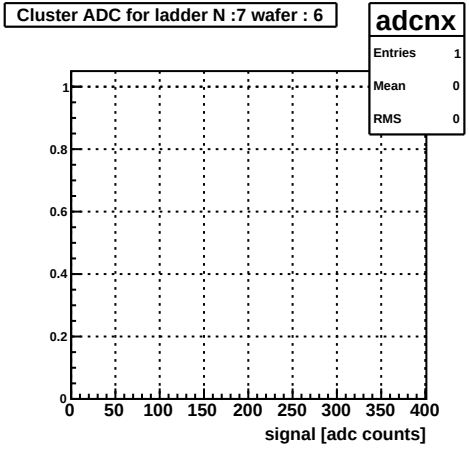

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

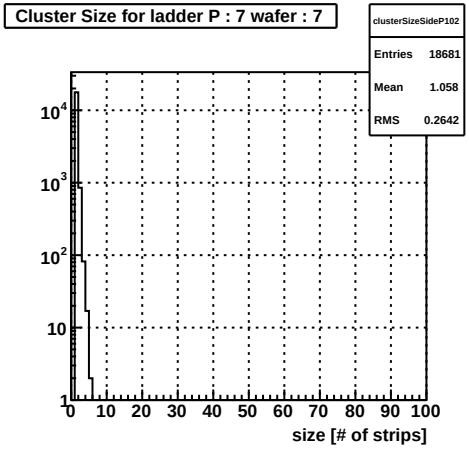

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2562
Mean 1.107
RMS 0.4394
size [# of strips]

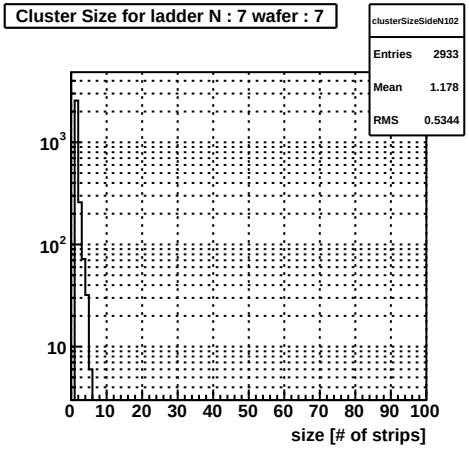

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

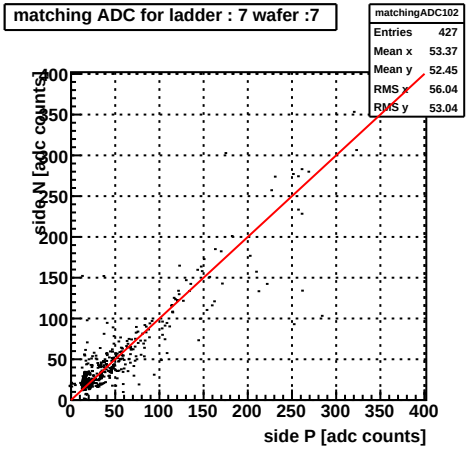

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

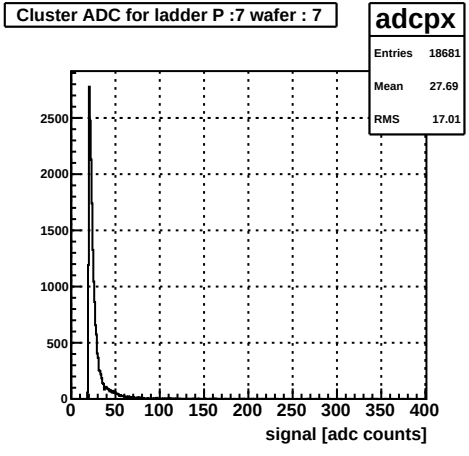

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2562
Mean 35.95
RMS 44.03
signal [adc counts]

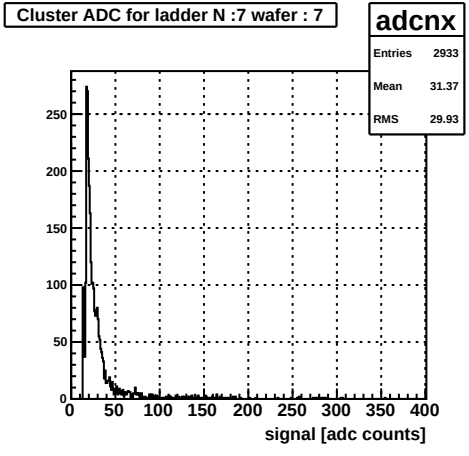

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

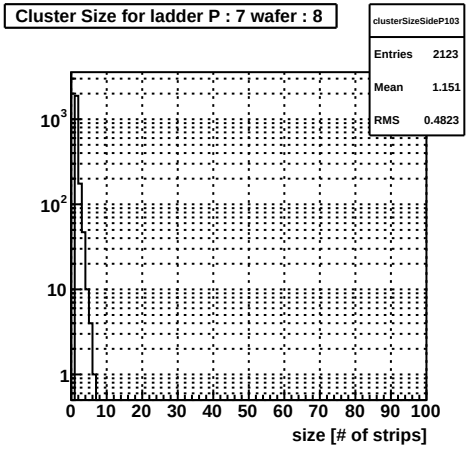

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 18681
Mean 1.058
RMS 0.2642
size [# of strips]

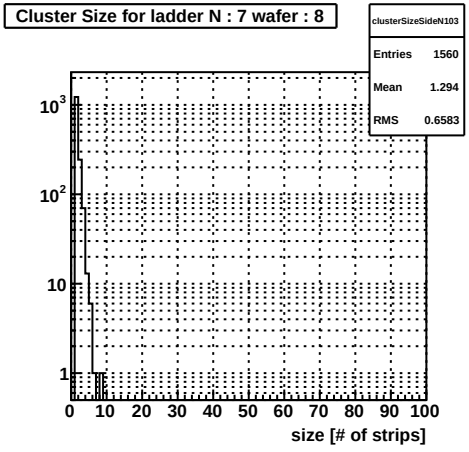

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2933
Mean 1.178
RMS 0.5344
size [# of strips]

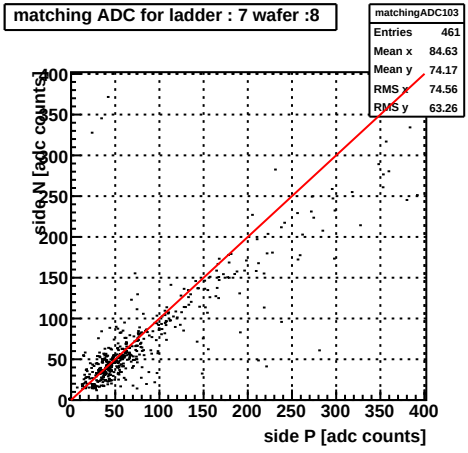

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 427
Mean x 53.37
Mean y 52.45
RMS x 56.04
RMS y 53.04
side N [adc counts]
side P [adc counts]

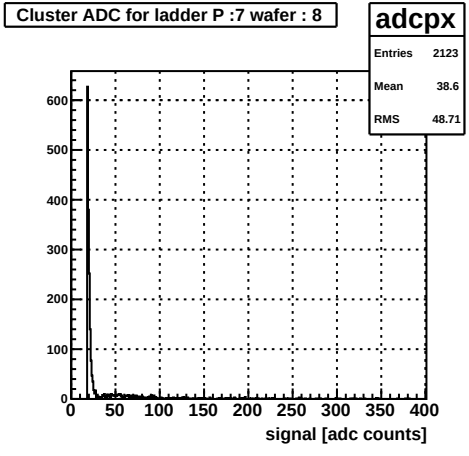

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 18681
Mean 27.69
RMS 17.01
signal [adc counts]

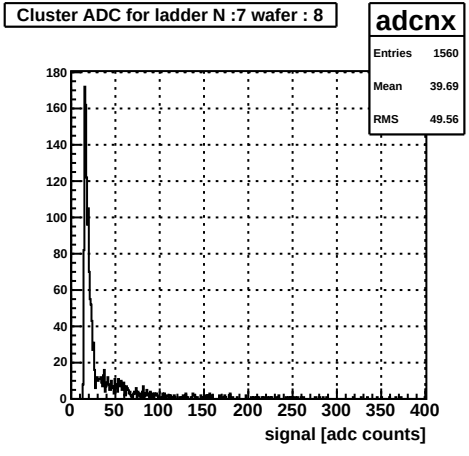

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2933
Mean 31.37
RMS 29.93
signal [adc counts]

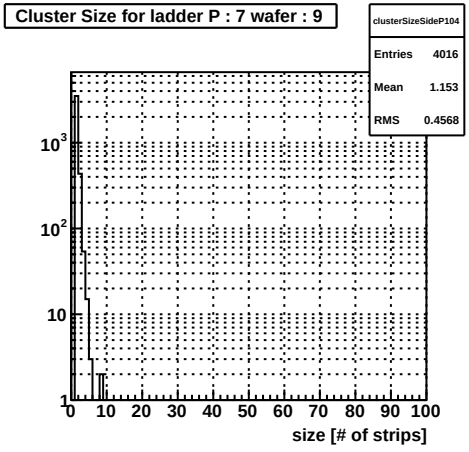

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2123
Mean 1.151
RMS 0.4823
size [# of strips]

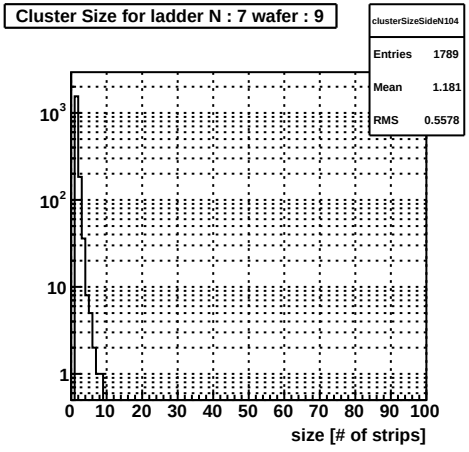

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1560
Mean 1.294
RMS 0.6583
size [# of strips]

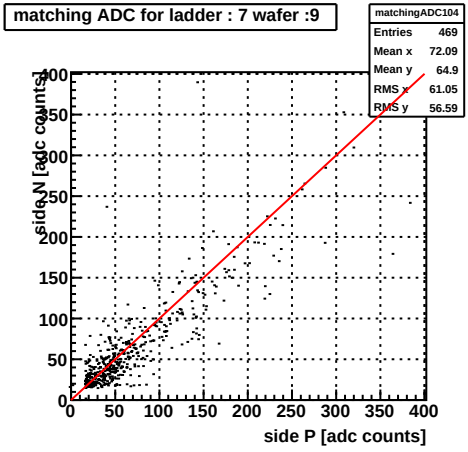

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 461
Mean x 84.63
Mean y 74.17
RMS x 74.56
RMS y 63.26
side N [adc counts]
side P [adc counts]

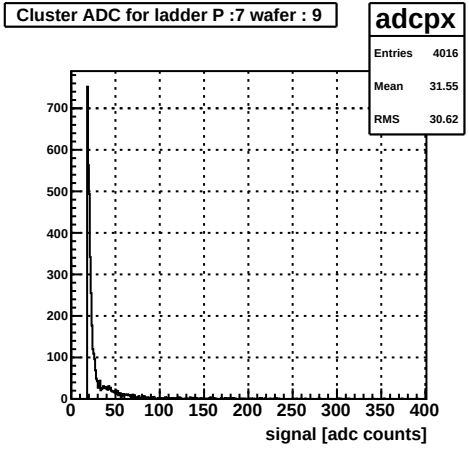

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2123
Mean 38.6
RMS 48.71
signal [adc counts]

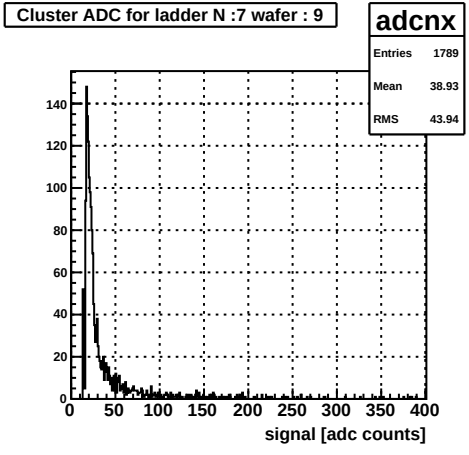

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1560
Mean 39.69
RMS 49.56
signal [adc counts]

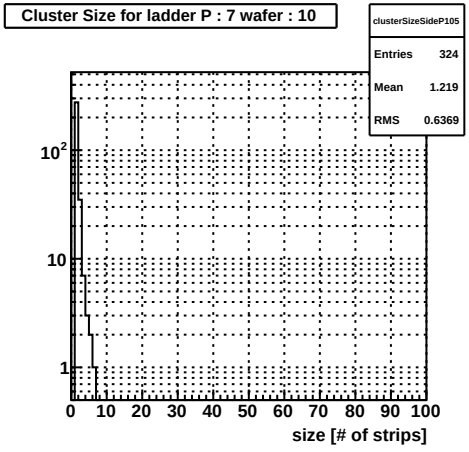

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4016
Mean 1.153
RMS 0.4568
size [# of strips]

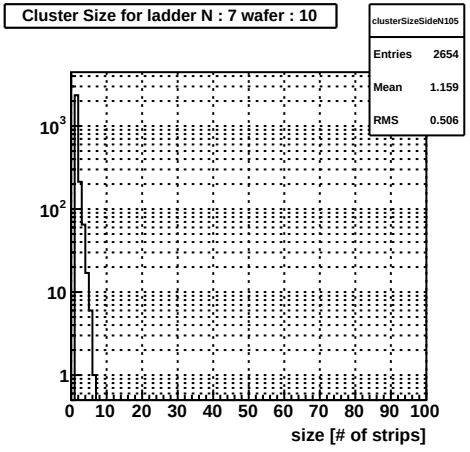

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1789
Mean 1.181
RMS 0.5578
size [# of strips]

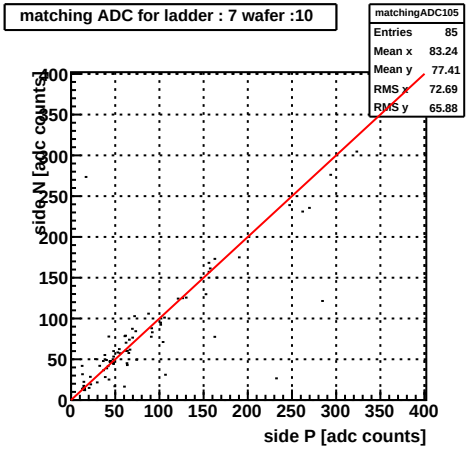

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 469
Mean x 72.09
Mean y 64.9
RMS x 61.05
RMS y 56.59
side N [adc counts]
side P [adc counts]

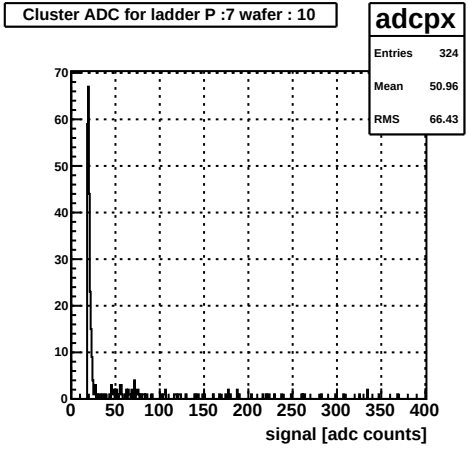

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4016
Mean 31.55
RMS 30.62
signal [adc counts]

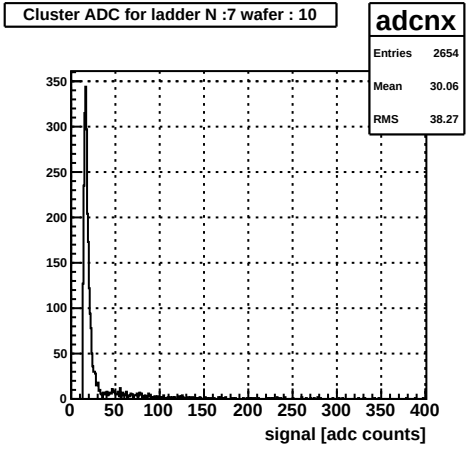

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1789
Mean 38.93
RMS 43.94
signal [adc counts]

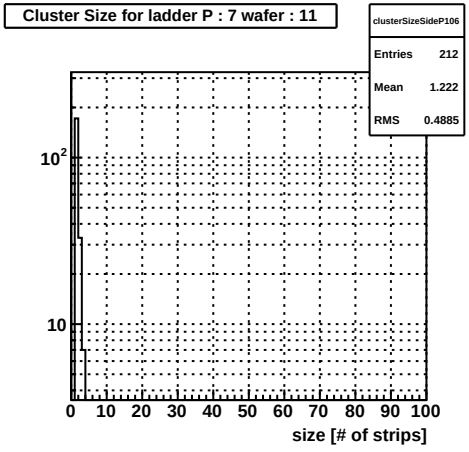

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 324
Mean 1.219
RMS 0.6369
size [# of strips]

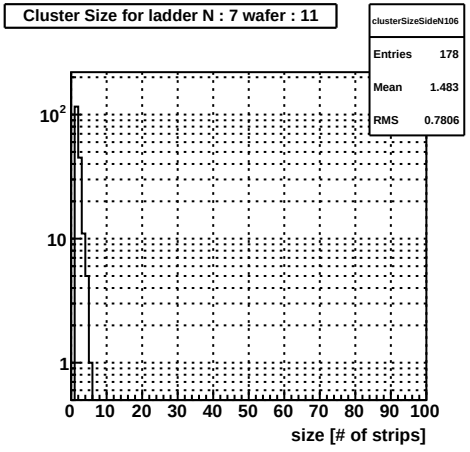

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2654
Mean 1.159
RMS 0.506
size [# of strips]

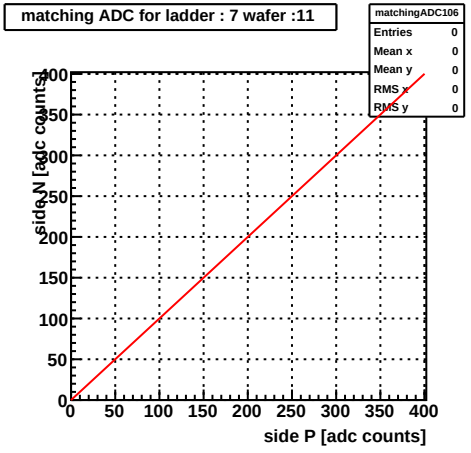

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 85
Mean x 83.24
Mean y 77.41
RMS x 72.69
RMS y 65.88
side N [adc counts]
side P [adc counts]

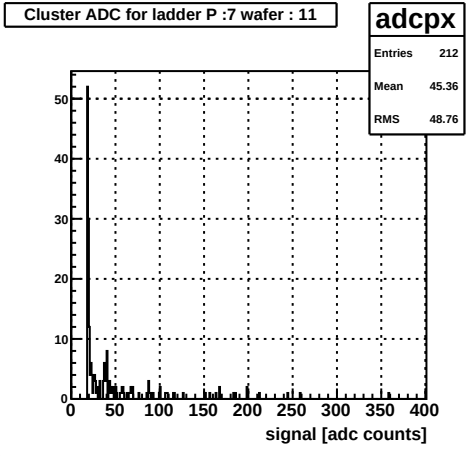

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 324
Mean 50.96
RMS 66.43
signal [adc counts]

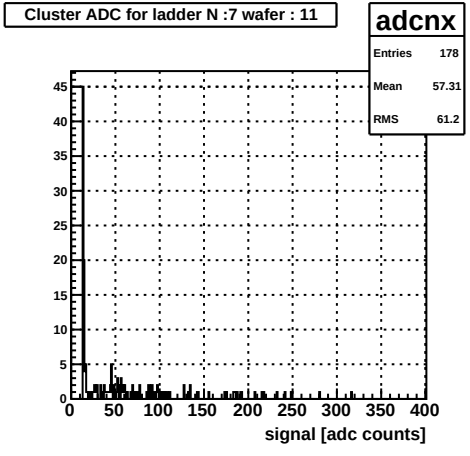

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2654
Mean 30.06
RMS 38.27
signal [adc counts]

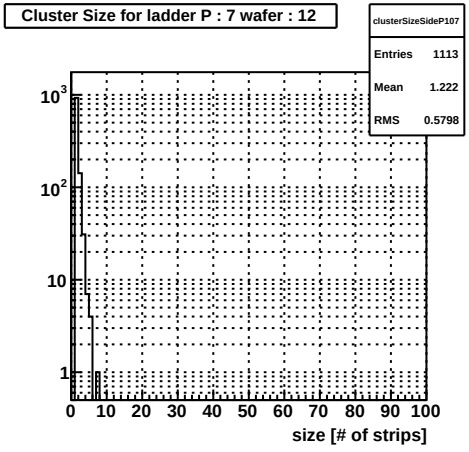

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 212
Mean 1.222
RMS 0.4885
size [# of strips]

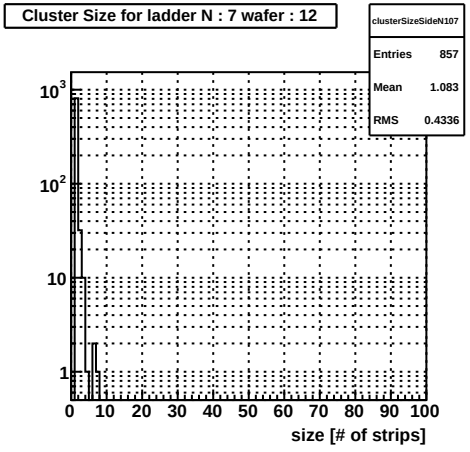

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 178
Mean 1.483
RMS 0.7806
size [# of strips]

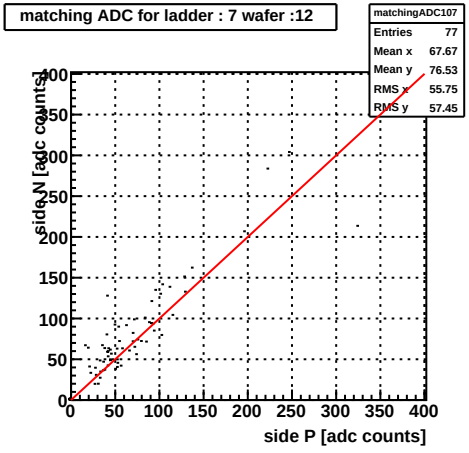

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

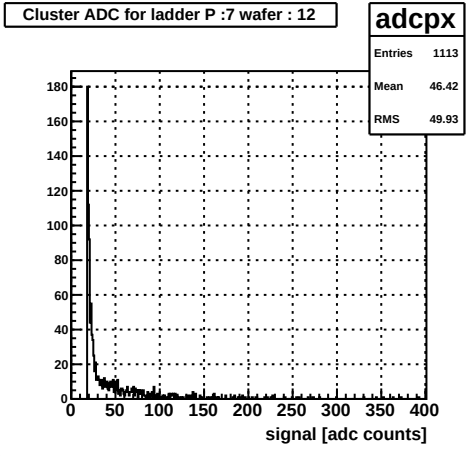

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 212
Mean 45.36
RMS 48.76
signal [adc counts]

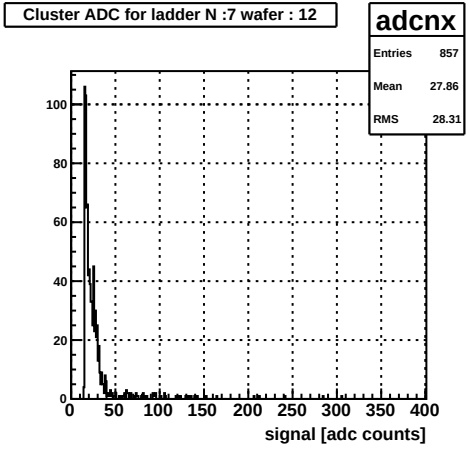

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 178
Mean 57.31
RMS 61.2
signal [adc counts]

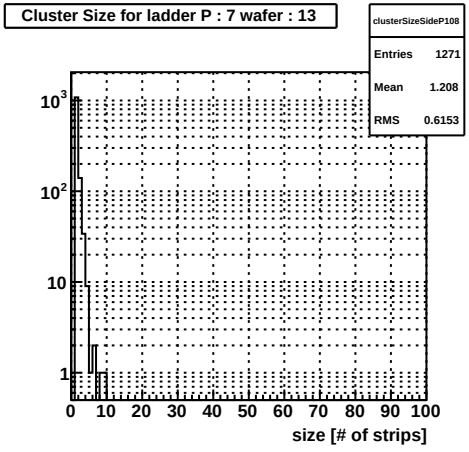

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1113
Mean 1.222
RMS 0.5798
size [# of strips]

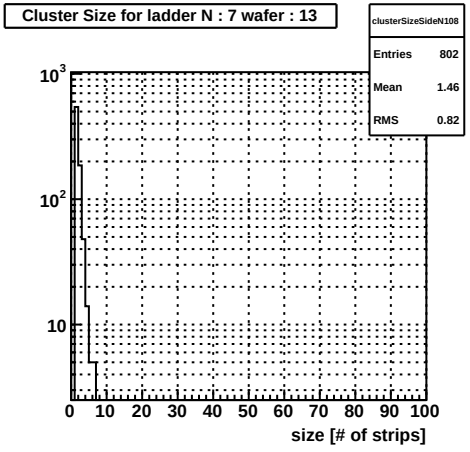

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 857
Mean 1.083
RMS 0.4336
size [# of strips]

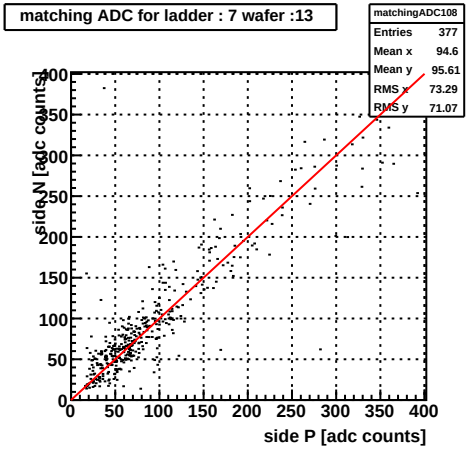

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 77
Mean x 67.67
Mean y 76.53
RMS x 55.75
RMS y 57.45
side N [adc counts]
side P [adc counts]

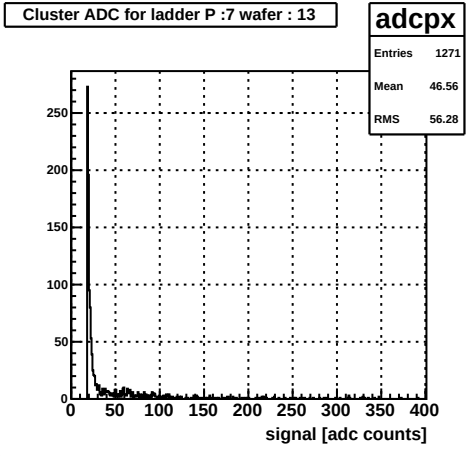

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1113
Mean 46.42
RMS 49.93
signal [adc counts]

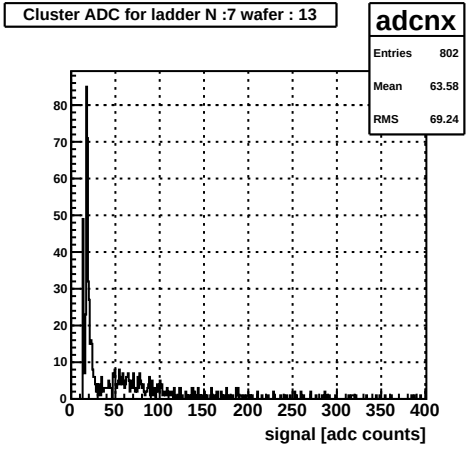

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 857
Mean 27.86
RMS 28.31
signal [adc counts]

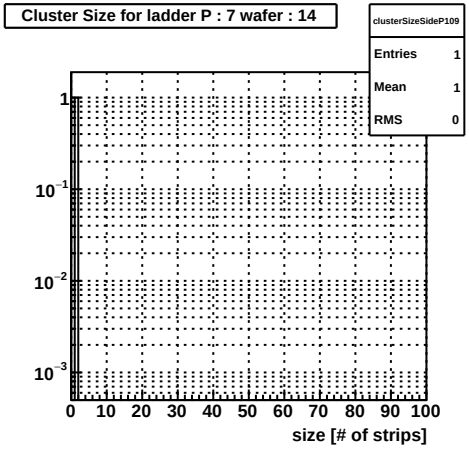

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1271
Mean 1.208
RMS 0.6153
size [# of strips]

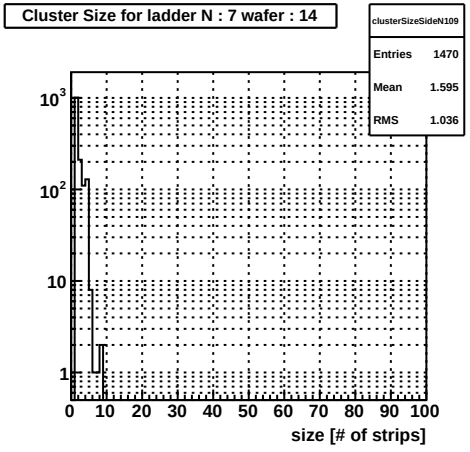

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 802
Mean 1.46
RMS 0.82
size [# of strips]

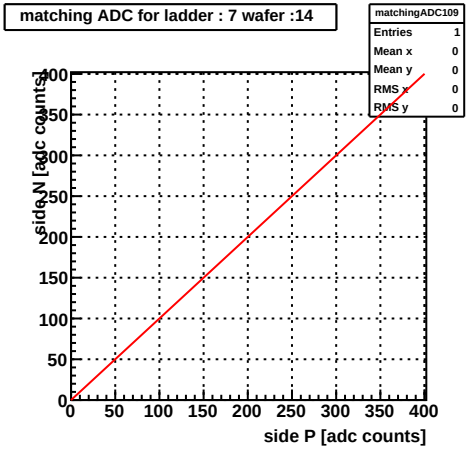

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 377
Mean x 94.6
Mean y 95.61
RMS x 73.29
RMS y 71.07
side N [adc counts]
side P [adc counts]

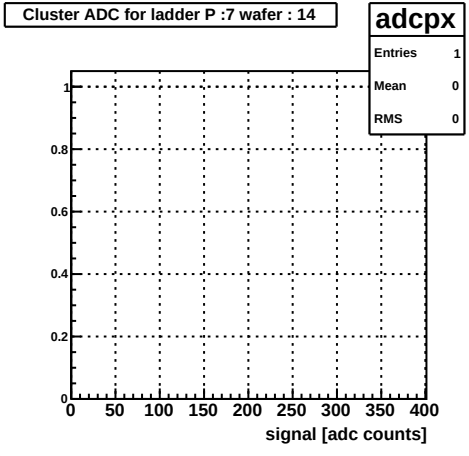

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1271
Mean 46.56
RMS 56.28
signal [adc counts]

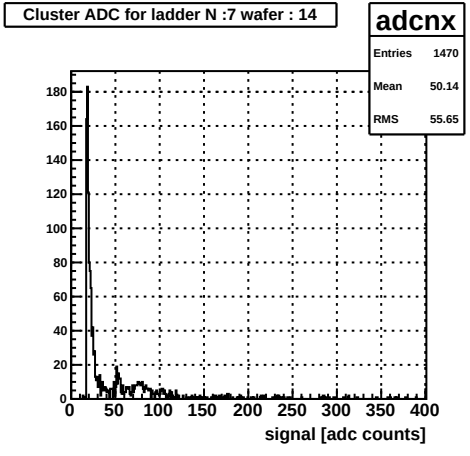

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 802
Mean 63.58
RMS 69.24
signal [adc counts]

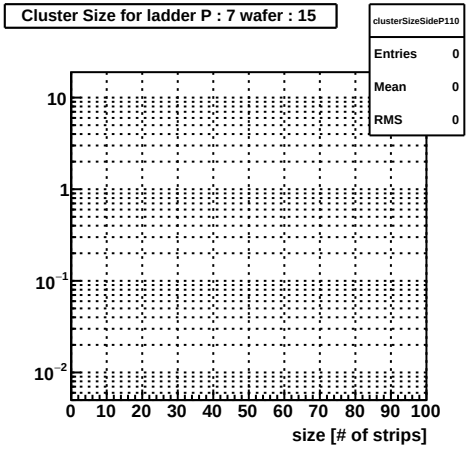

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1
Mean 1
RMS 0
size [# of strips]

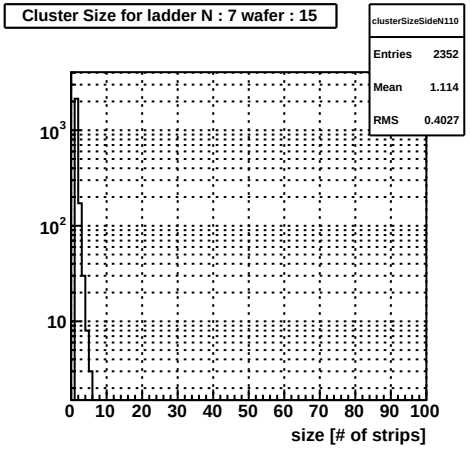

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1470
Mean 1.595
RMS 1.036
size [# of strips]

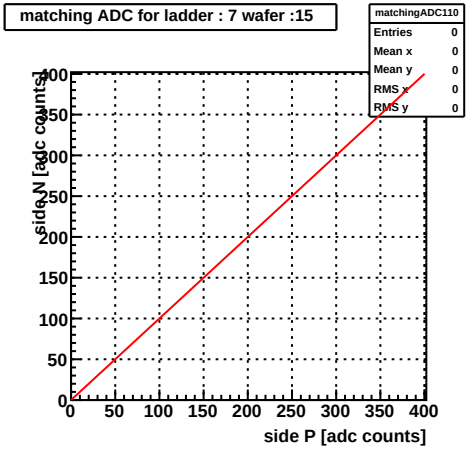

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

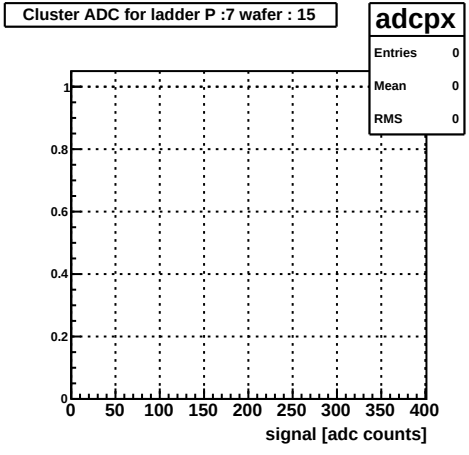

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

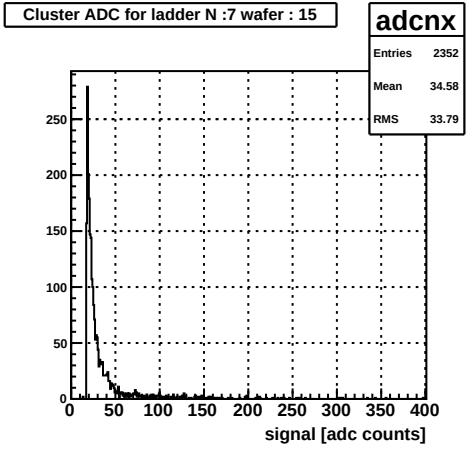

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1470
Mean 50.14
RMS 55.65
signal [adc counts]

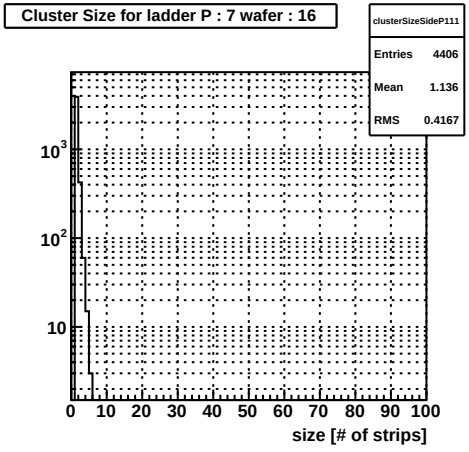

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

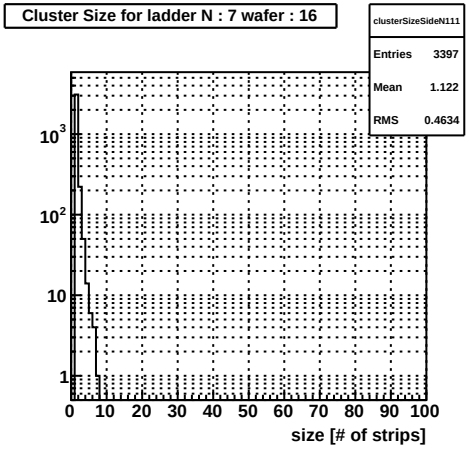

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2352
Mean 1.114
RMS 0.4027
size [# of strips]

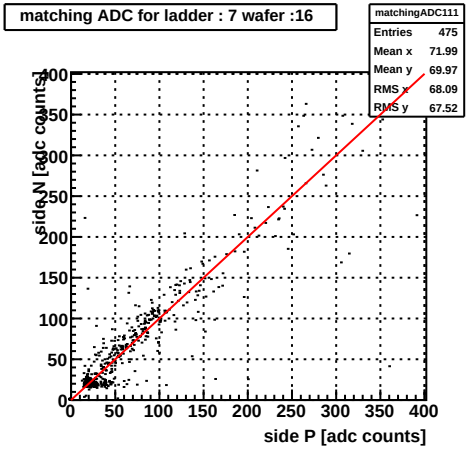

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

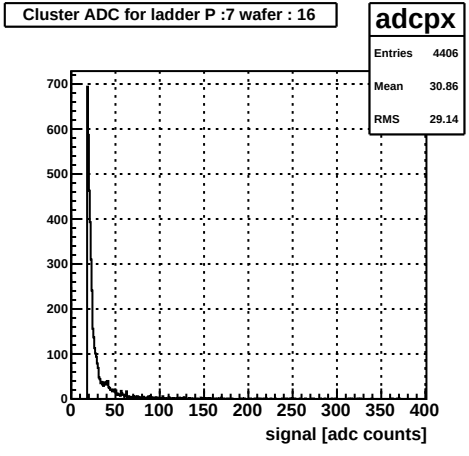

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

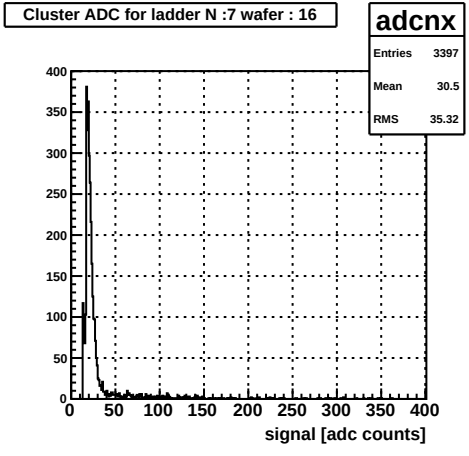

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2352
Mean 34.58
RMS 33.79
signal [adc counts]

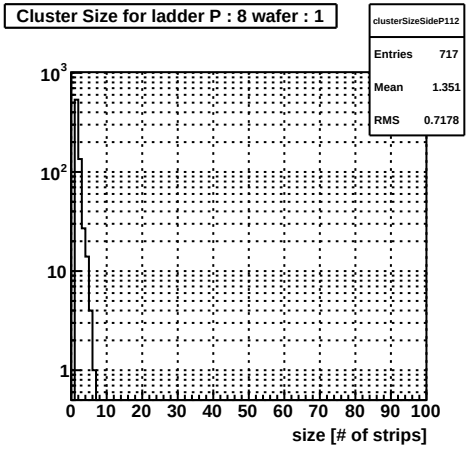

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4406
Mean 1.136
RMS 0.4167
size [# of strips]

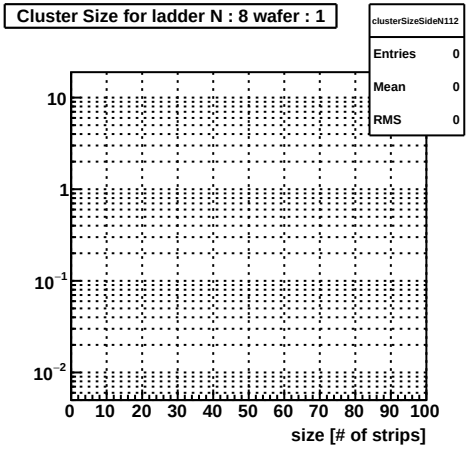

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3397
Mean 1.122
RMS 0.4634
size [# of strips]

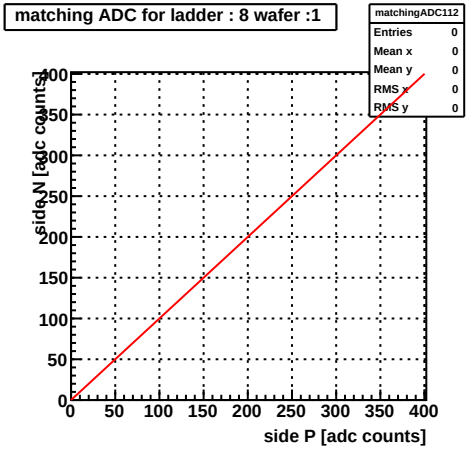

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 475
Mean x 71.99
Mean y 69.97
RMS x 68.09
RMS y 67.52
side N [adc counts]
side P [adc counts]

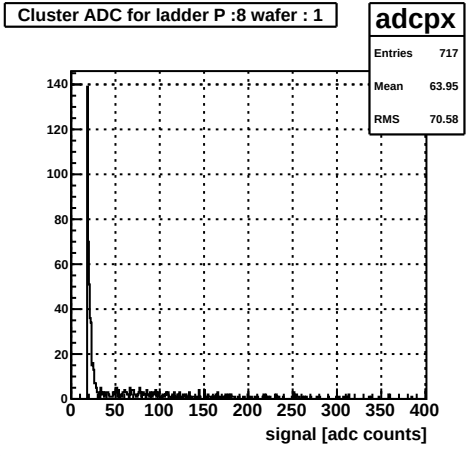

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4406
Mean 30.86
RMS 29.14
signal [adc counts]

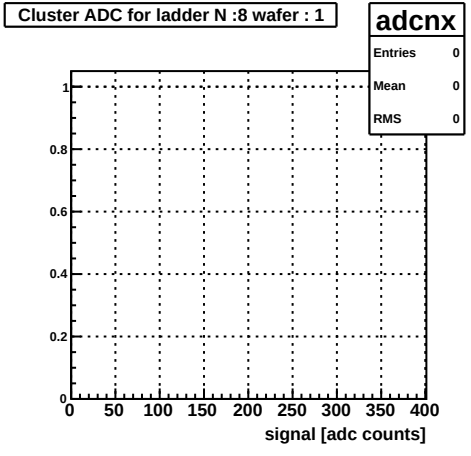

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3397
Mean 30.5
RMS 35.32
signal [adc counts]

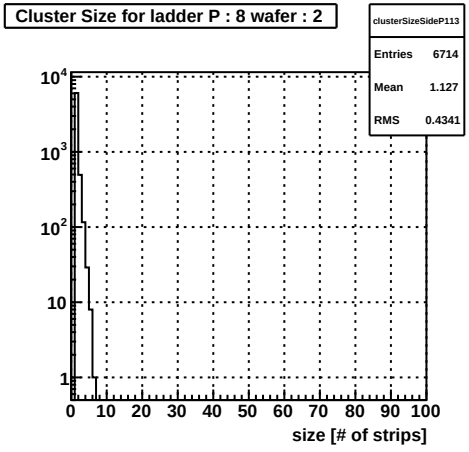

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 717
Mean 1.351
RMS 0.7178
size [# of strips]

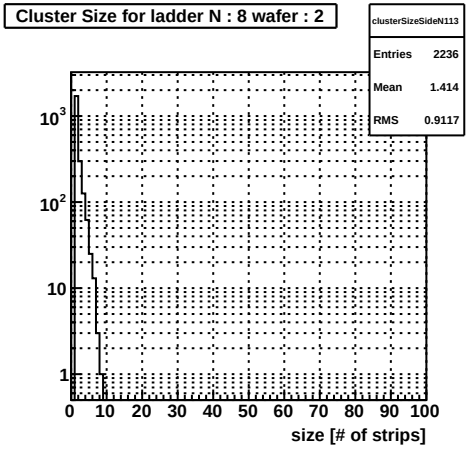

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

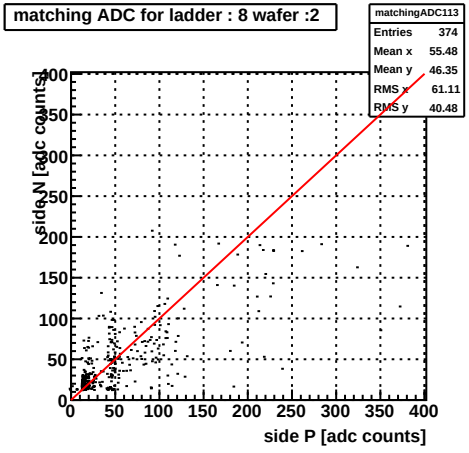

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

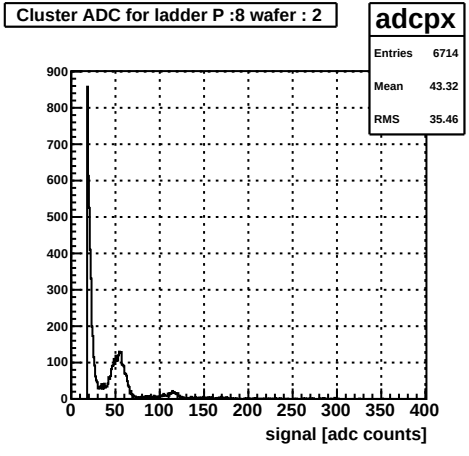

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 717
Mean 63.95
RMS 70.58
signal [adc counts]

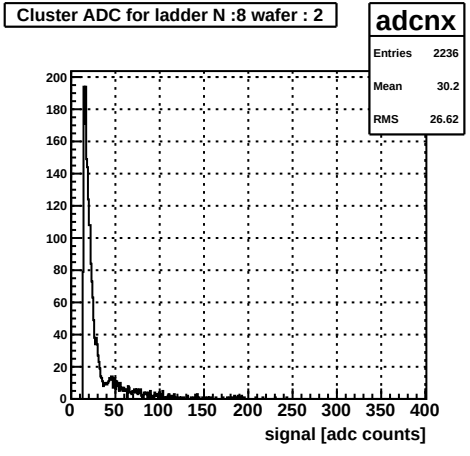

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

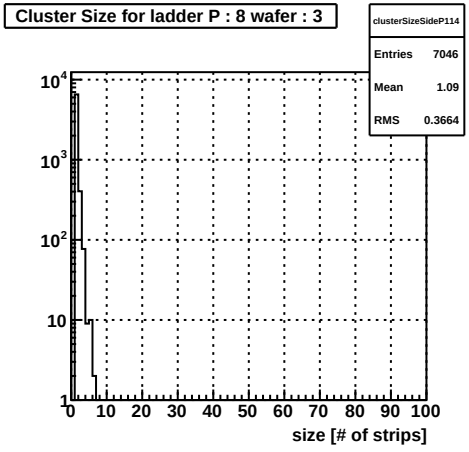

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6714
Mean 1.127
RMS 0.4341
size [# of strips]

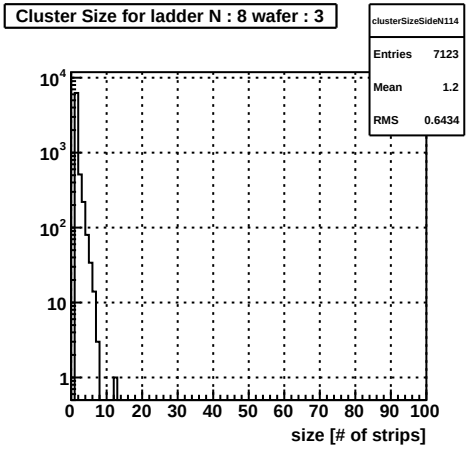

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2236
Mean 1.414
RMS 0.9117
size [# of strips]

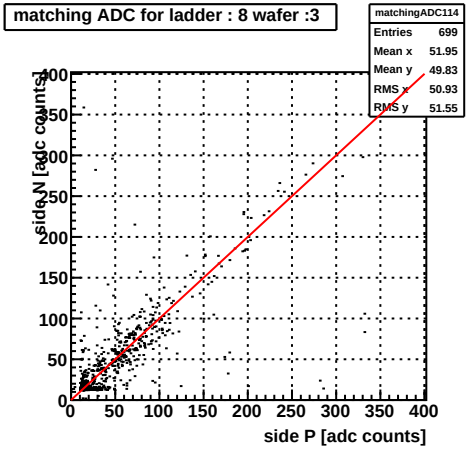

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 374
Mean x 55.48
Mean y 46.35
RMS x 61.11
RMS y 40.48
side N [adc counts]
side P [adc counts]

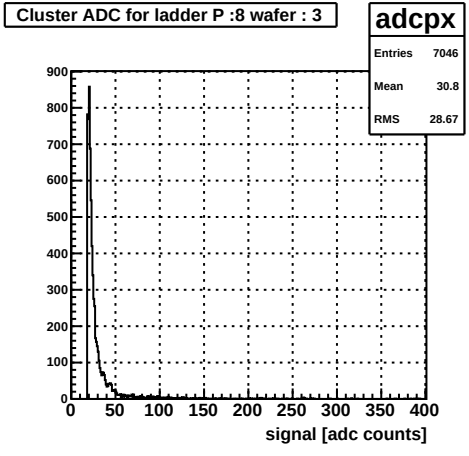

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6714
Mean 43.32
RMS 35.46
signal [adc counts]

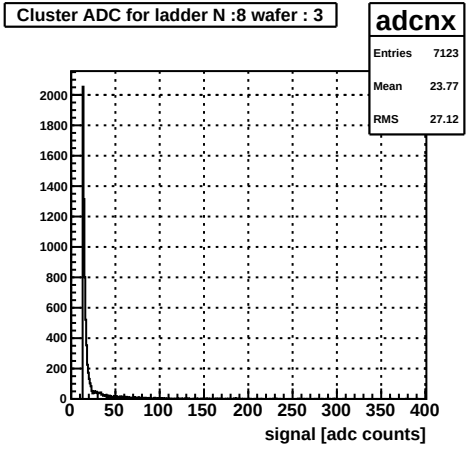

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2236
Mean 30.2
RMS 26.62
signal [adc counts]

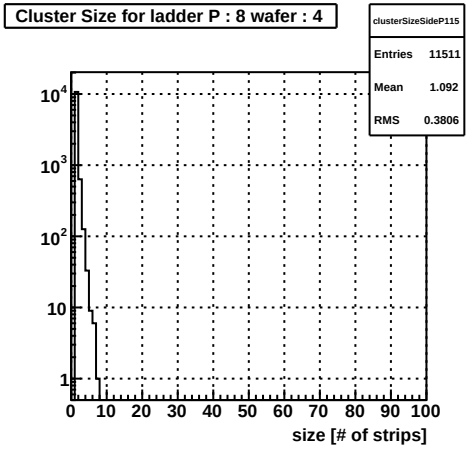

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7046
Mean 1.09
RMS 0.3664
size [# of strips]

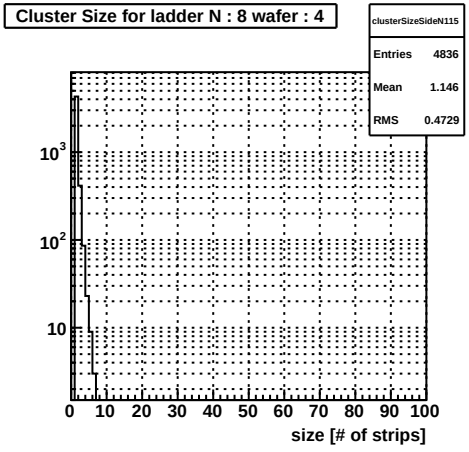

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 7123
Mean 1.2
RMS 0.6434
size [# of strips]

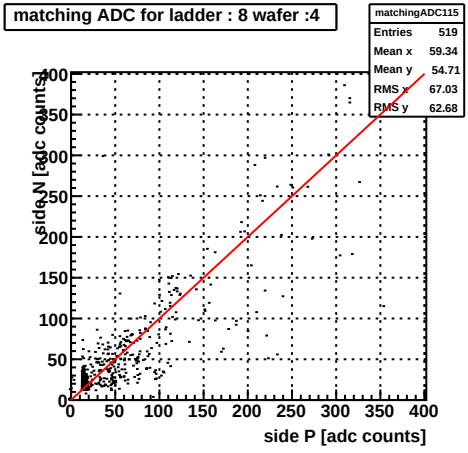

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 699
Mean x 51.95
Mean y 49.83
RMS x 50.93
RMS y 51.55
side N [adc counts]
side P [adc counts]

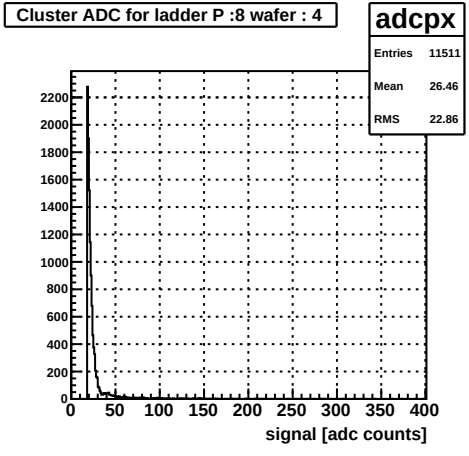

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7046
Mean 30.8
RMS 28.67
signal [adc counts]

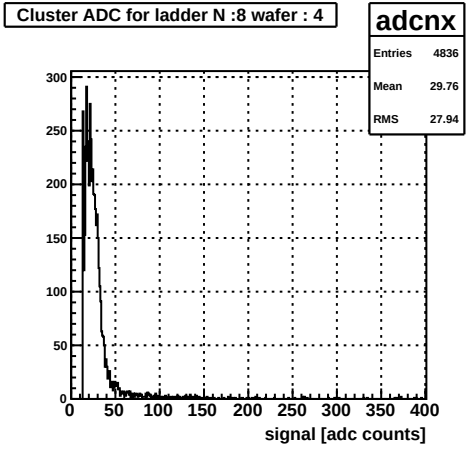

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 7123
Mean 23.77
RMS 27.12
signal [adc counts]

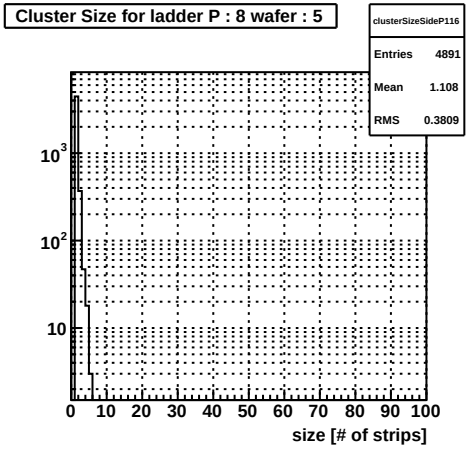

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 11511
Mean 1.092
RMS 0.3806
size [# of strips]

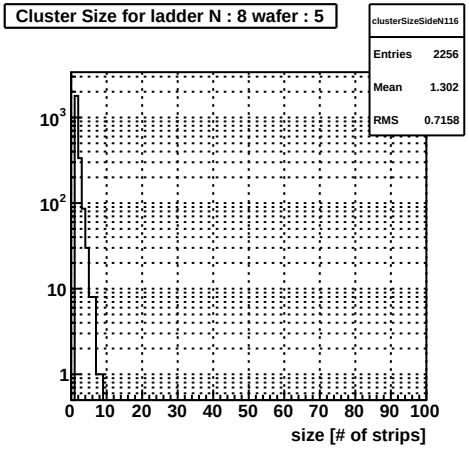

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4836
Mean 1.146
RMS 0.4729
size [# of strips]

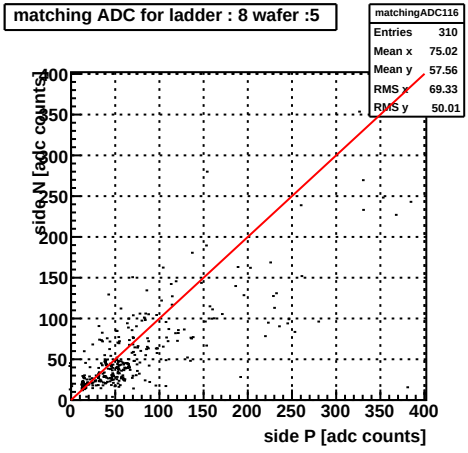

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 519
Mean x 59.34
Mean y 54.71
RMS x 67.03
RMS y 62.68
side N [adc counts]
side P [adc counts]

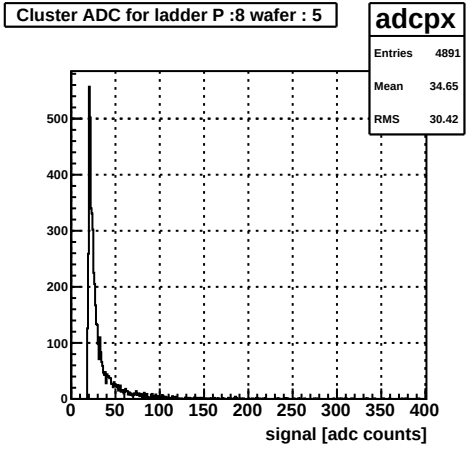

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 11511
Mean 26.46
RMS 22.86
signal [adc counts]

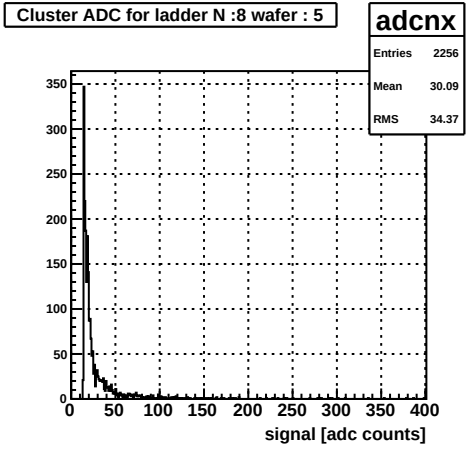

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4836
Mean 29.76
RMS 27.94
signal [adc counts]

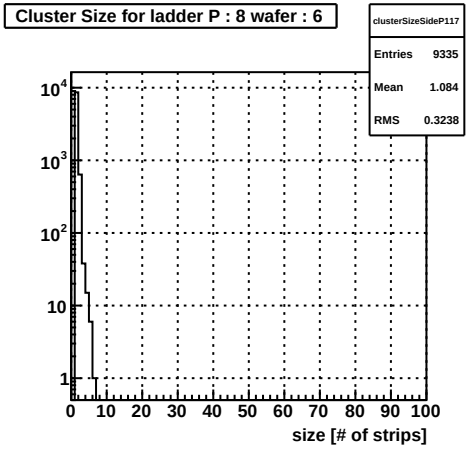

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4891
Mean 1.108
RMS 0.3809
size [# of strips]

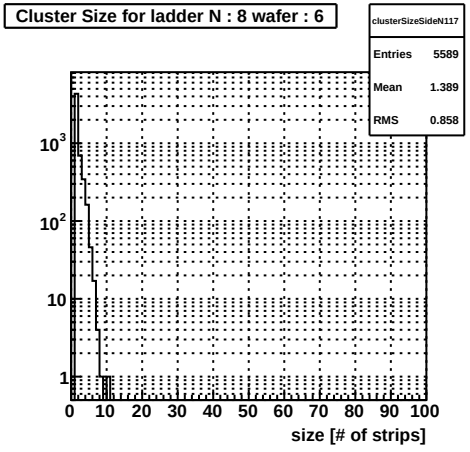

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2256
Mean 1.302
RMS 0.7158
size [# of strips]

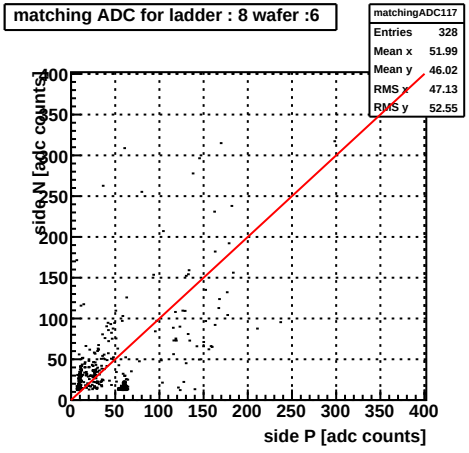

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 310
Mean x 75.02
Mean y 57.56
RMS x 69.33
RMS y 50.01
side N [adc counts]
side P [adc counts]

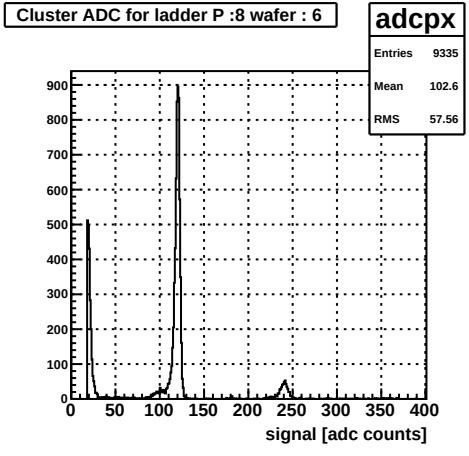

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4891
Mean 34.65
RMS 30.42
signal [adc counts]

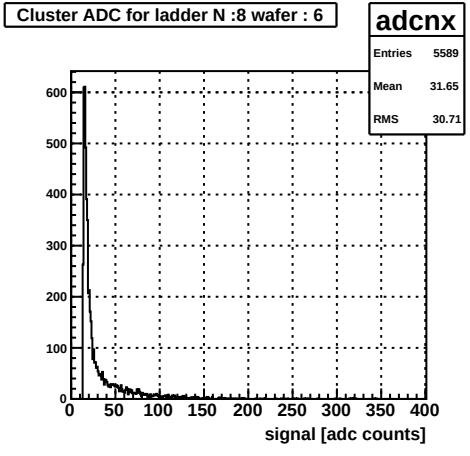

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2256
Mean 30.09
RMS 34.37
signal [adc counts]

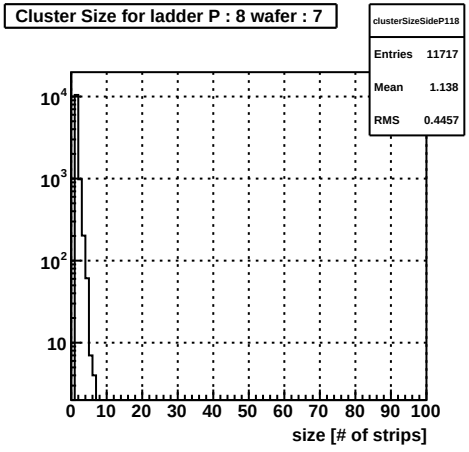

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9335
Mean 1.084
RMS 0.3238
size [# of strips]

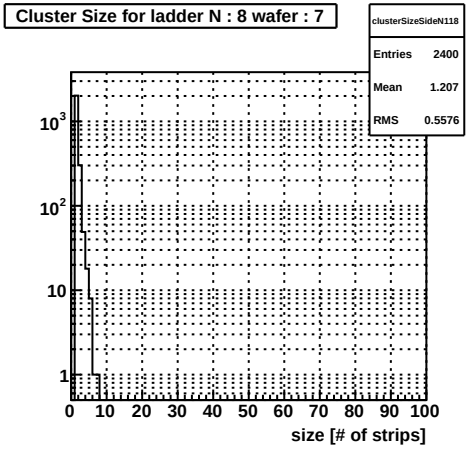

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5589
Mean 1.389
RMS 0.858
size [# of strips]

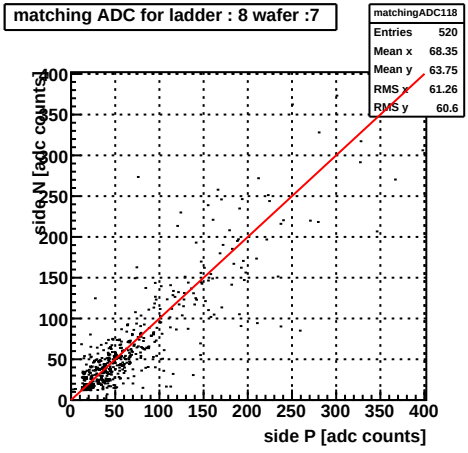

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 328
Mean x 51.99
Mean y 46.02
RMS x 47.13
RMS y 52.55
side N [adc counts]
side P [adc counts]

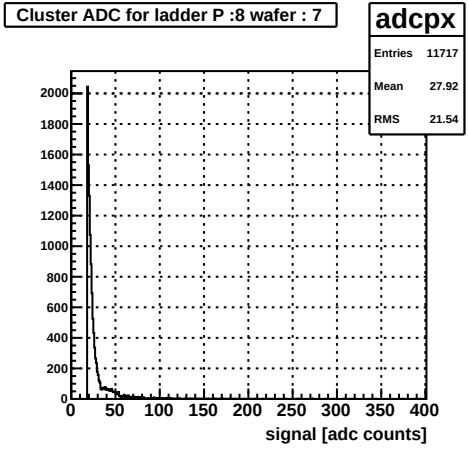

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9335
Mean 102.6
RMS 57.56
signal [adc counts]

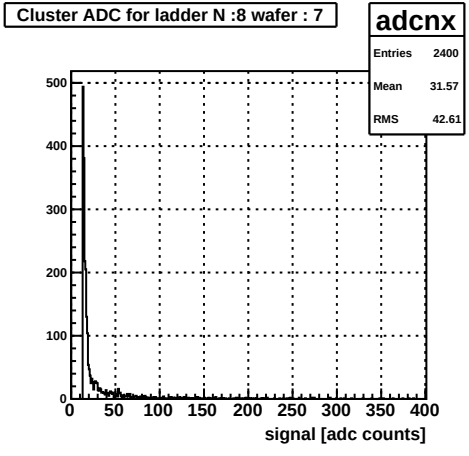

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5589
Mean 31.65
RMS 30.71
signal [adc counts]

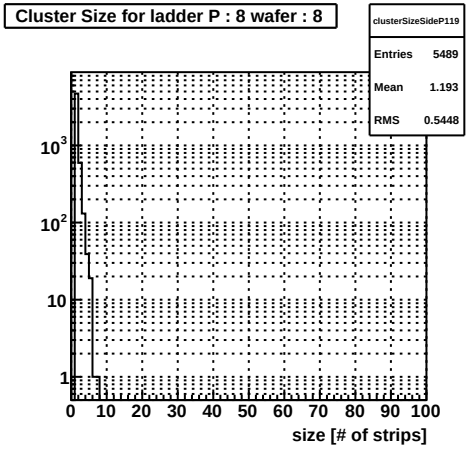

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 11717
Mean 1.138
RMS 0.4457
size [# of strips]

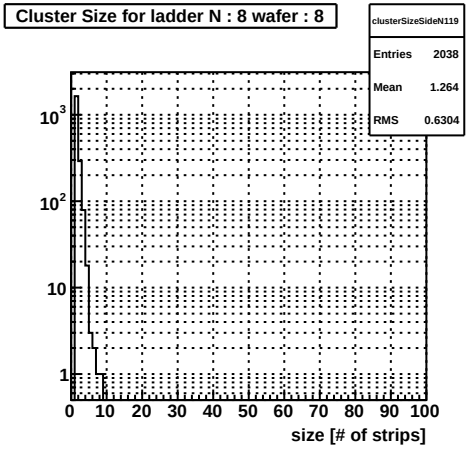

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2400
Mean 1.207
RMS 0.5576
size [# of strips]

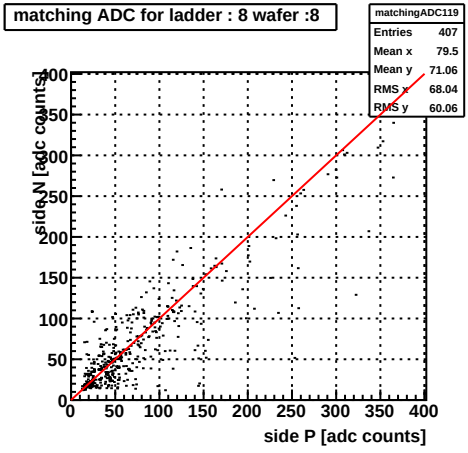

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 520
Mean x 68.35
Mean y 63.75
RMS x 61.26
RMS y 60.6
side N [adc counts]
side P [adc counts]

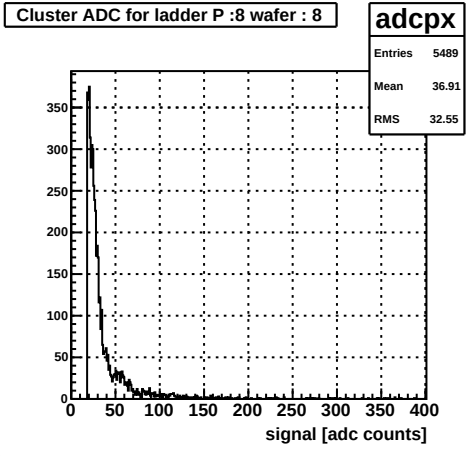

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 11717
Mean 27.92
RMS 21.54
signal [adc counts]

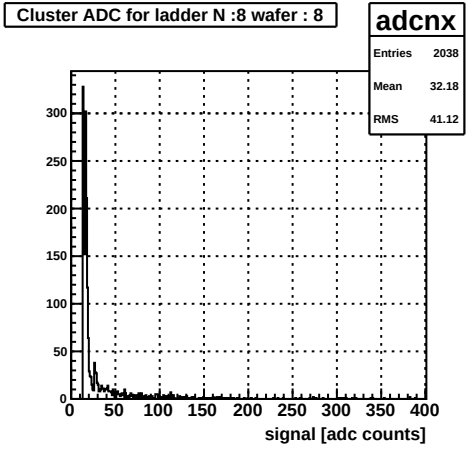

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2400
Mean 31.57
RMS 42.61
signal [adc counts]

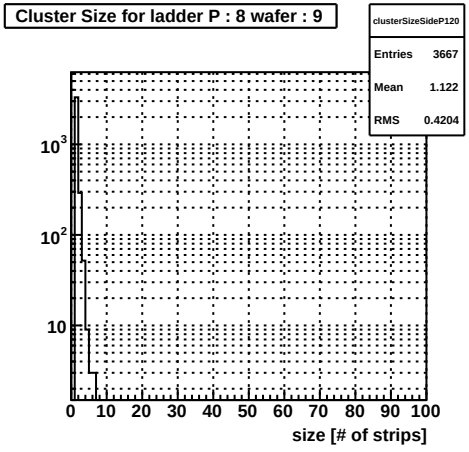

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5489
Mean 1.193
RMS 0.5448
size [# of strips]

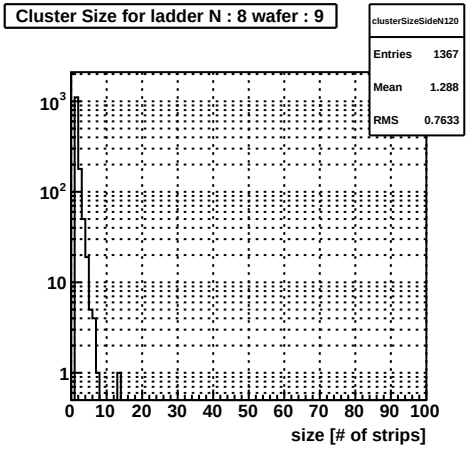

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2038
Mean 1.264
RMS 0.6304
size [# of strips]

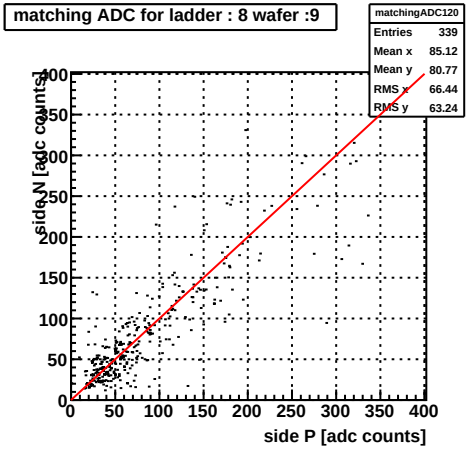

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 407
Mean x 79.5
Mean y 71.06
RMS x 68.04
RMS y 60.06
side N [adc counts]
side P [adc counts]

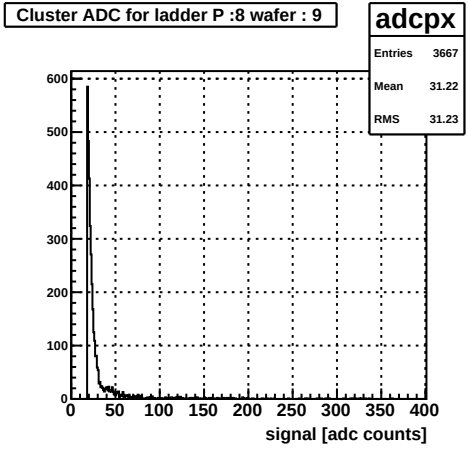

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5489
Mean 36.91
RMS 32.55
signal [adc counts]

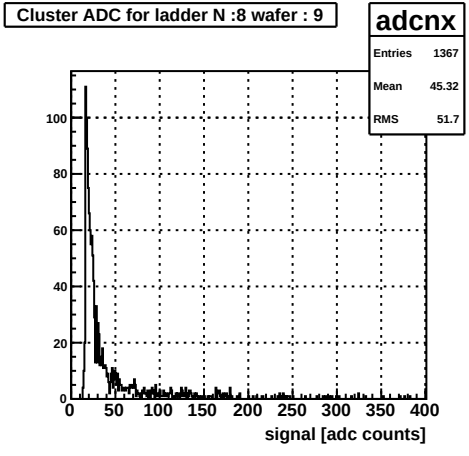

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2038
Mean 32.18
RMS 41.12
signal [adc counts]

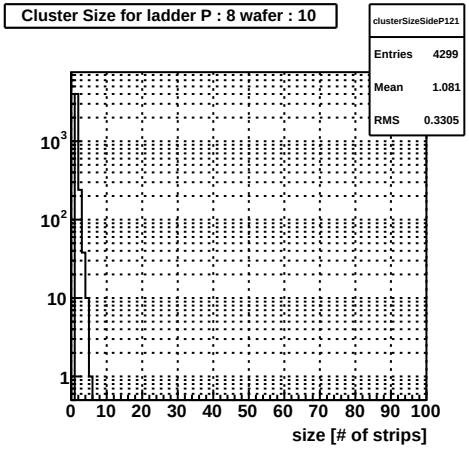

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3667
Mean 1.122
RMS 0.4204
size [# of strips]

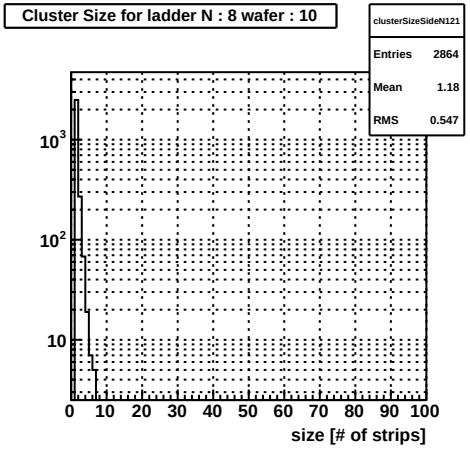

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1367
Mean 1.288
RMS 0.7633
size [# of strips]

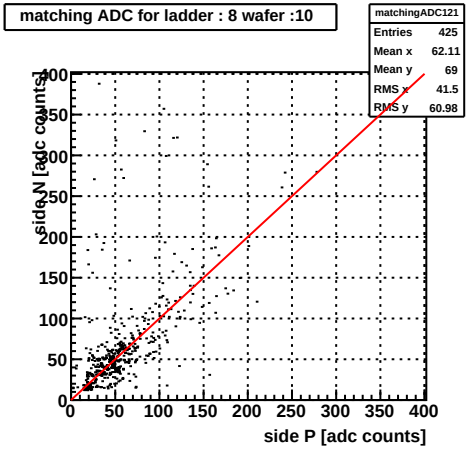

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 339
Mean x 85.12
Mean y 80.77
RMS x 66.44
RMS y 63.24
side N [adc counts]
side P [adc counts]

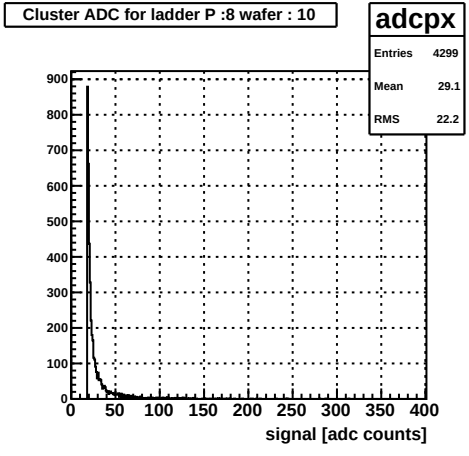

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3667
Mean 31.22
RMS 31.23
signal [adc counts]

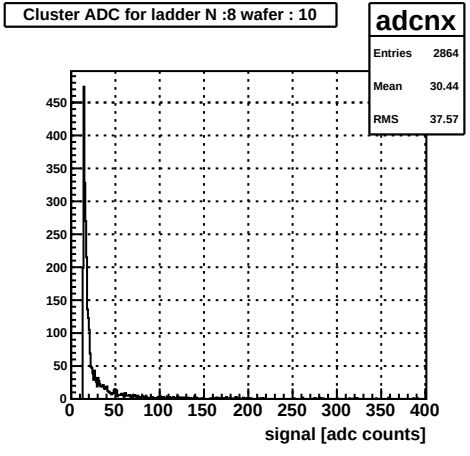

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1367
Mean 45.32
RMS 51.7
signal [adc counts]

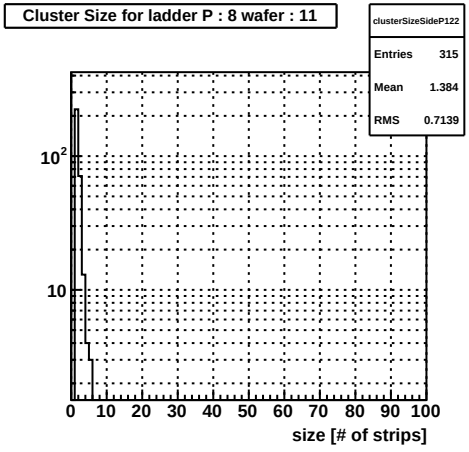

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4299
Mean 1.081
RMS 0.3305
size [# of strips]

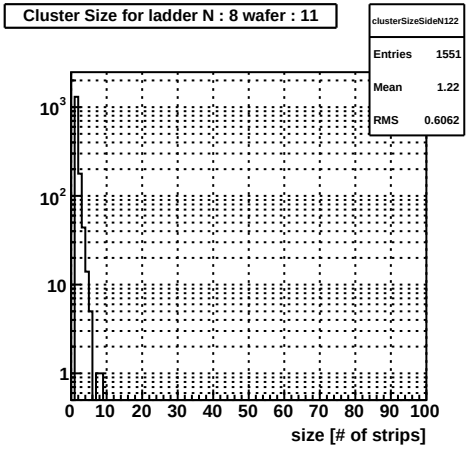

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2864
Mean 1.18
RMS 0.547
size [# of strips]

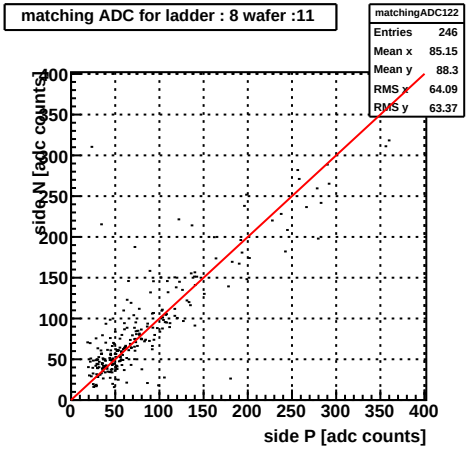

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 425
Mean x 62.11
Mean y 69
RMS x 41.5
RMS y 60.98
side N [adc counts]
side P [adc counts]

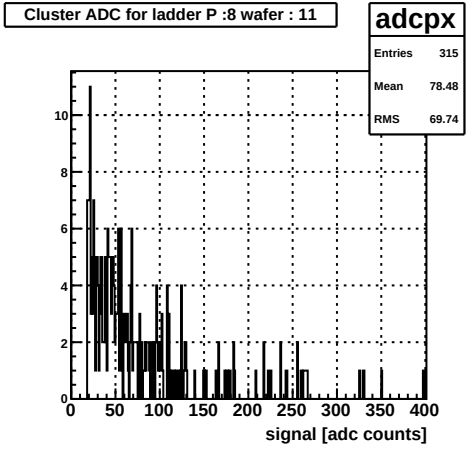

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4299
Mean 29.1
RMS 22.2
signal [adc counts]

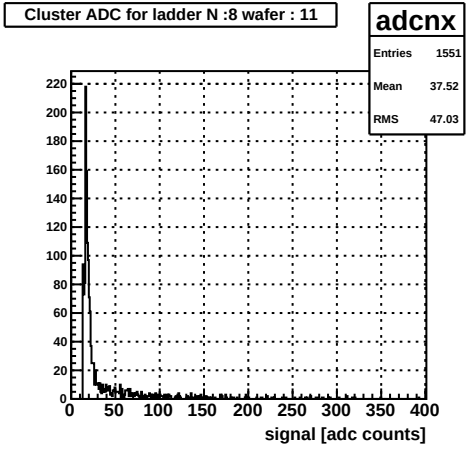

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2864
Mean 30.44
RMS 37.57
signal [adc counts]

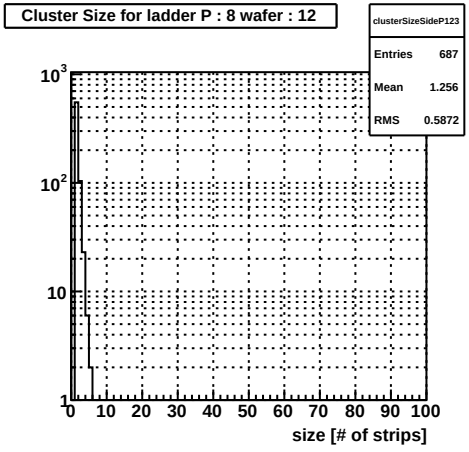

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 315
Mean 1.384
RMS 0.7139
size [# of strips]

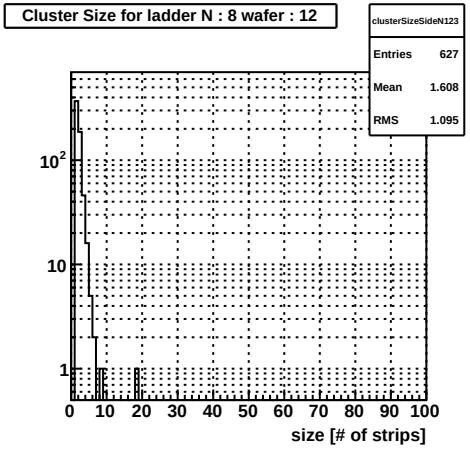

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1551
Mean 1.22
RMS 0.6062
size [# of strips]

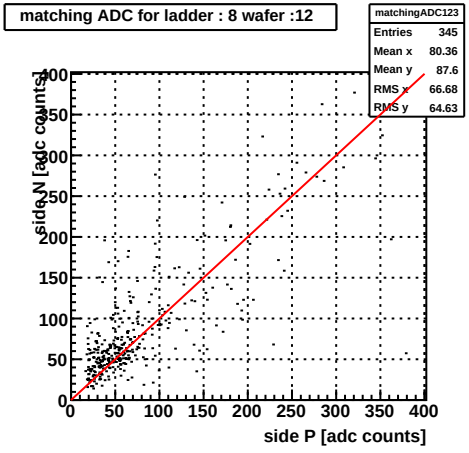

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 246
Mean x 85.15
Mean y 88.3
RMS x 64.09
RMS y 63.37
side N [adc counts]
side P [adc counts]

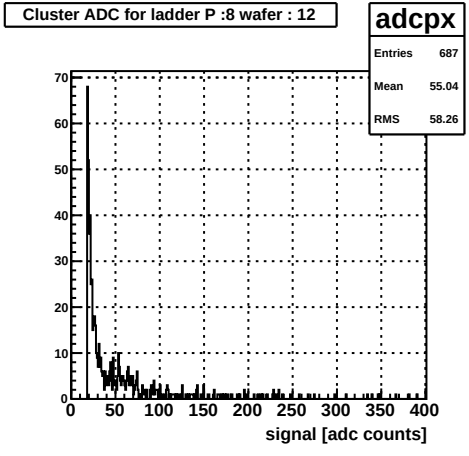

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 315
Mean 78.48
RMS 69.74
signal [adc counts]

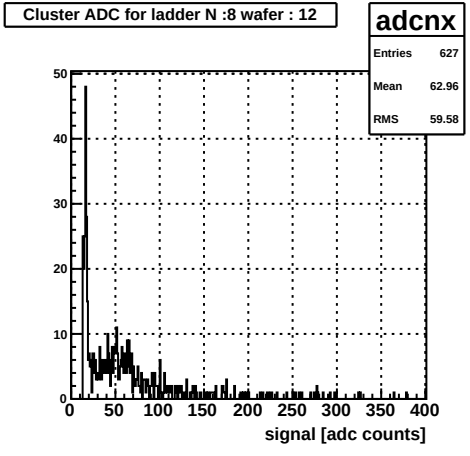

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1551
Mean 37.52
RMS 47.03
signal [adc counts]

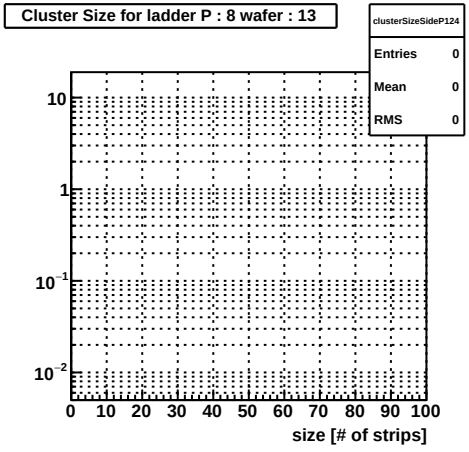

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 687
Mean 1.256
RMS 0.5872
size [# of strips]

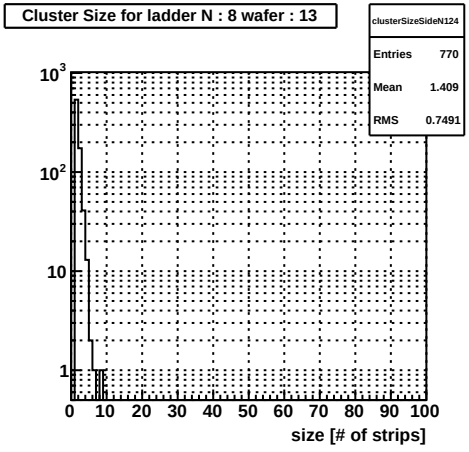

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 627
Mean 1.608
RMS 1.095
size [# of strips]

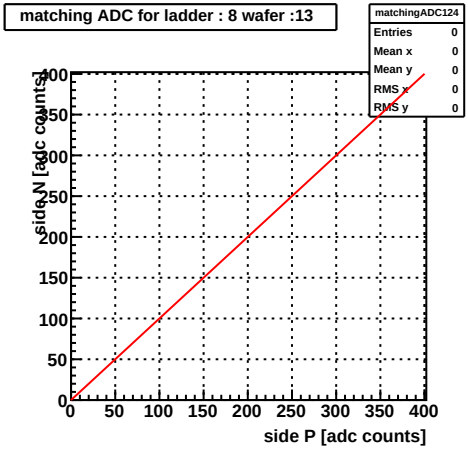

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 345
Mean x 80.36
Mean y 87.6
RMS x 66.68
RMS y 64.63
side N [adc counts]
side P [adc counts]

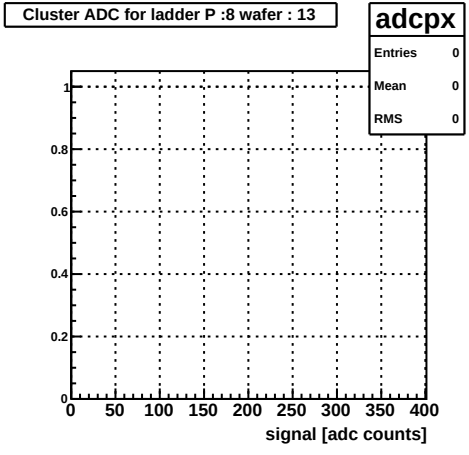

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 687
Mean 55.04
RMS 58.26
signal [adc counts]

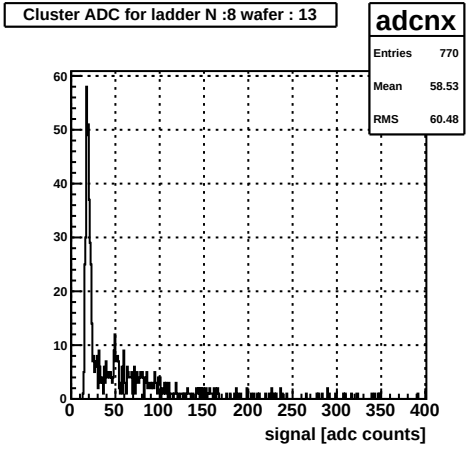

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 627
Mean 62.96
RMS 59.58
signal [adc counts]

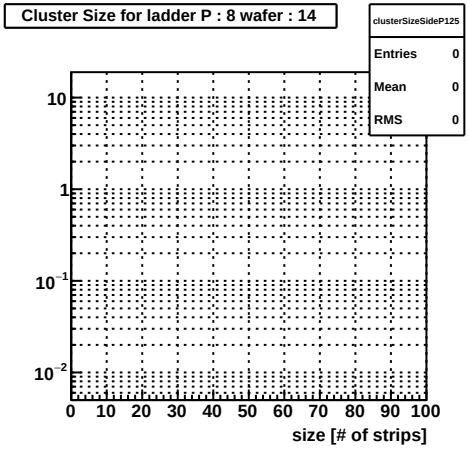

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

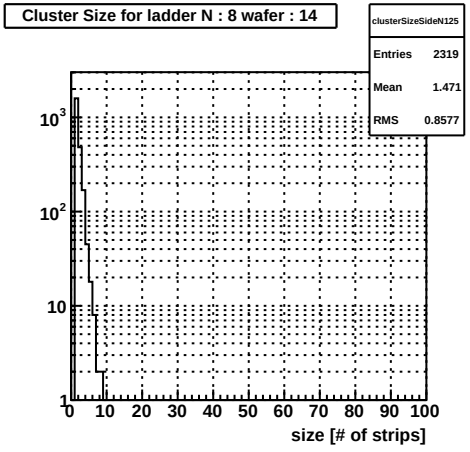

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 770
Mean 1.409
RMS 0.7491
size [# of strips]

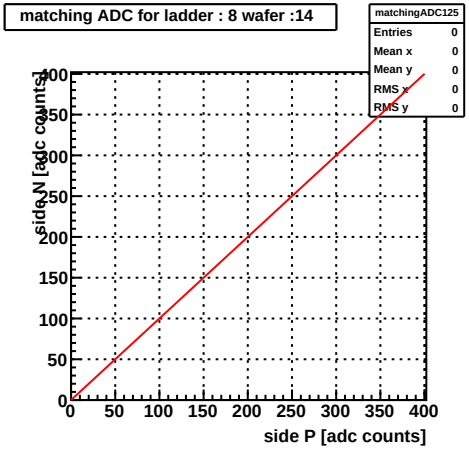

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

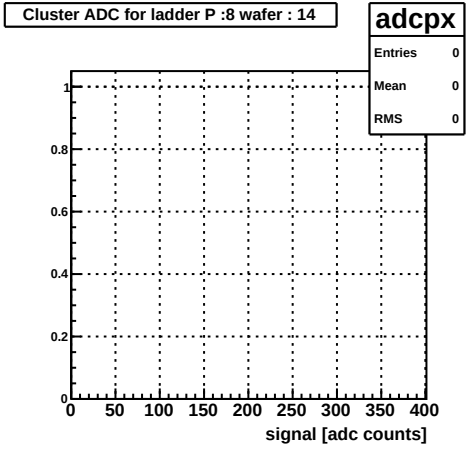

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

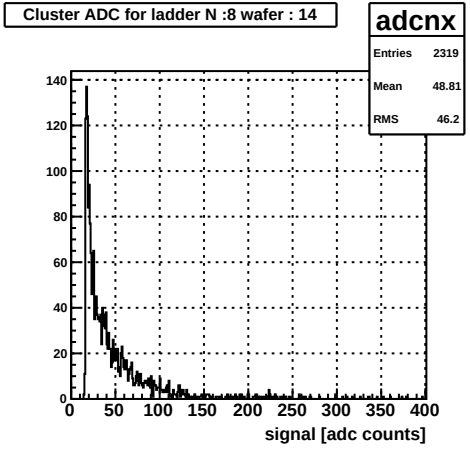

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 770
Mean 58.53
RMS 60.48
signal [adc counts]

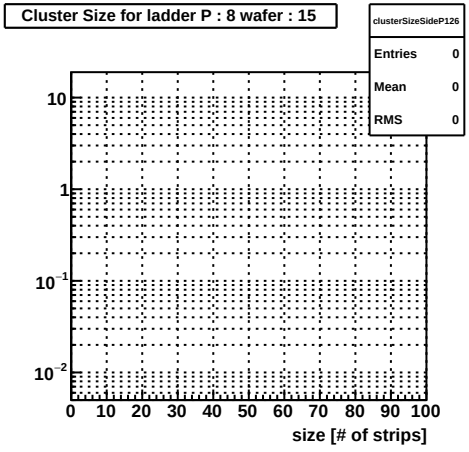

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

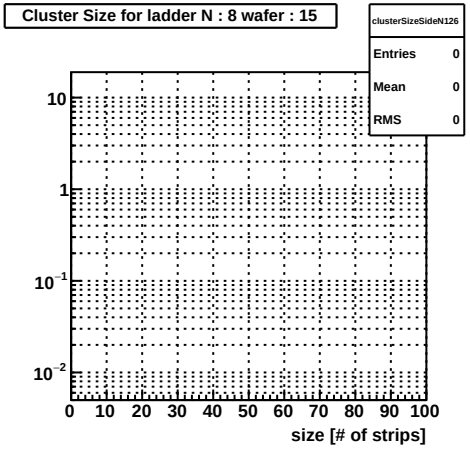

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2319
Mean 1.471
RMS 0.8577
size [# of strips]

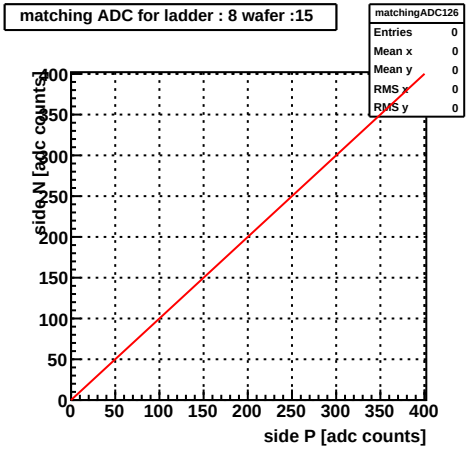

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

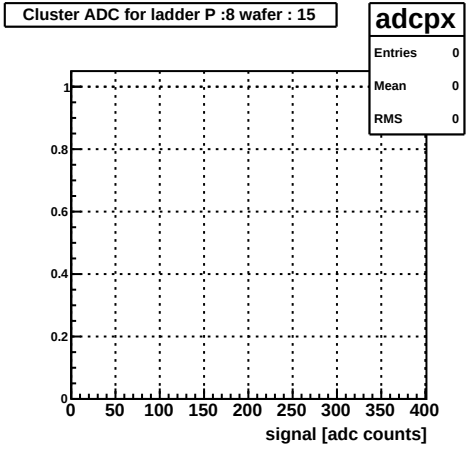

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

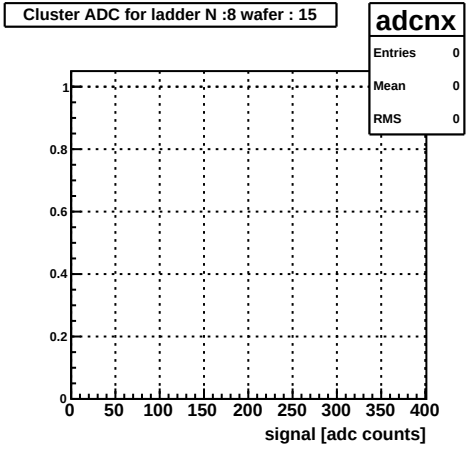

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2319
Mean 48.81
RMS 46.2
signal [adc counts]

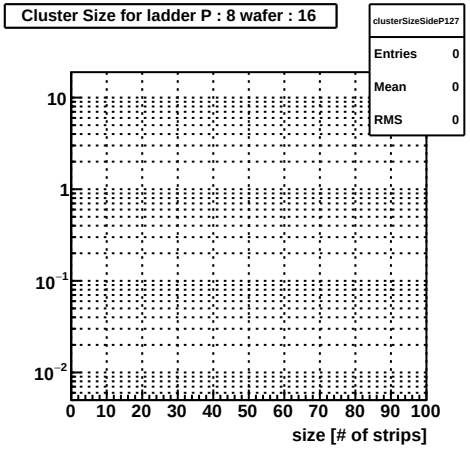

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

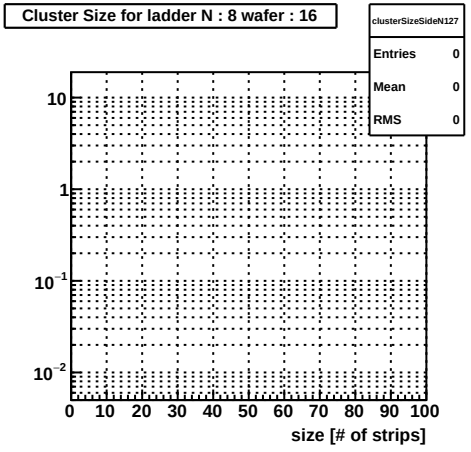

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

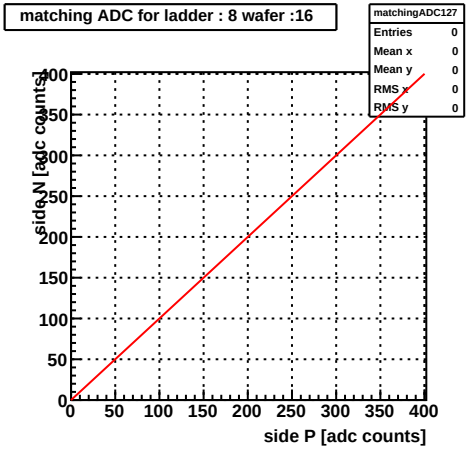

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

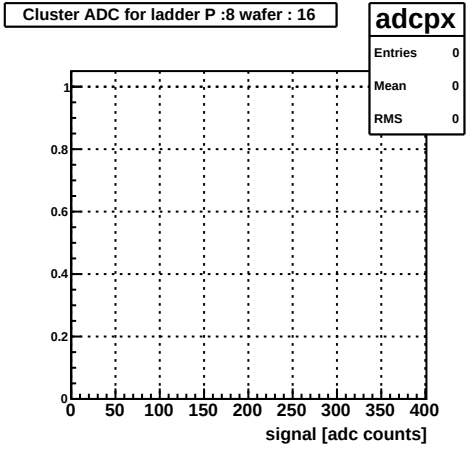

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

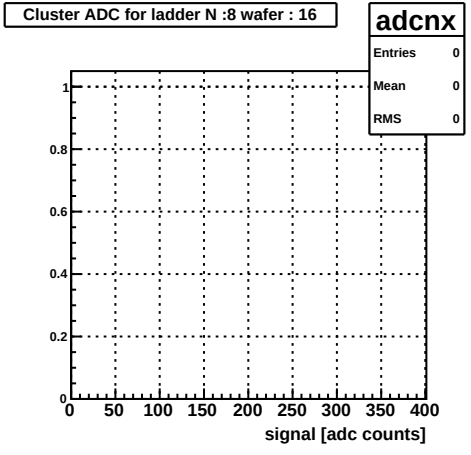

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

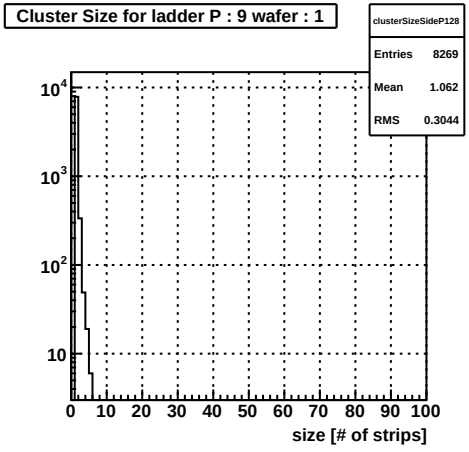

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

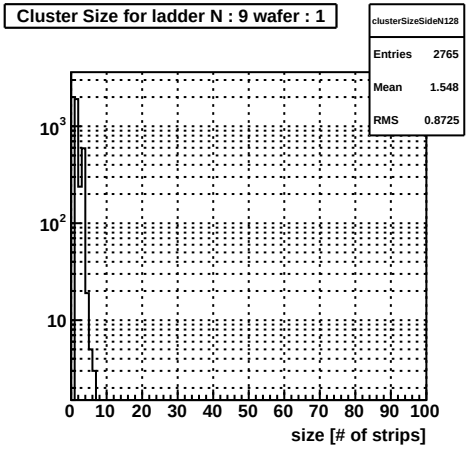

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

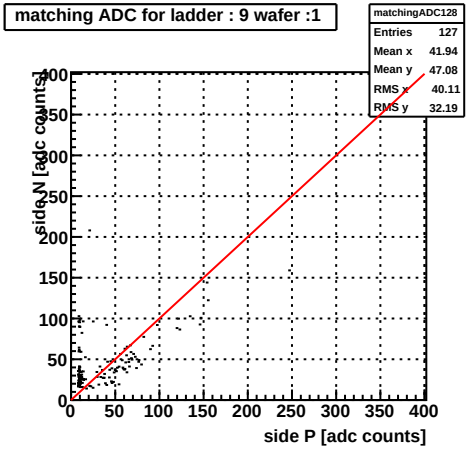

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

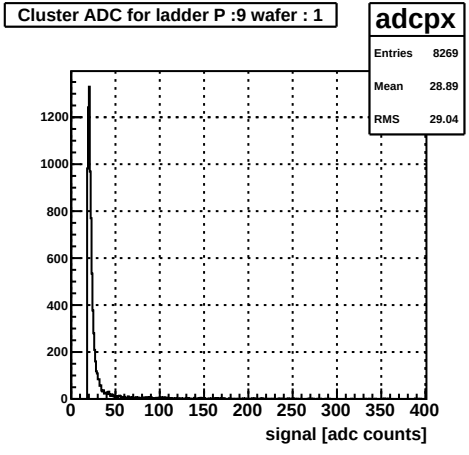

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

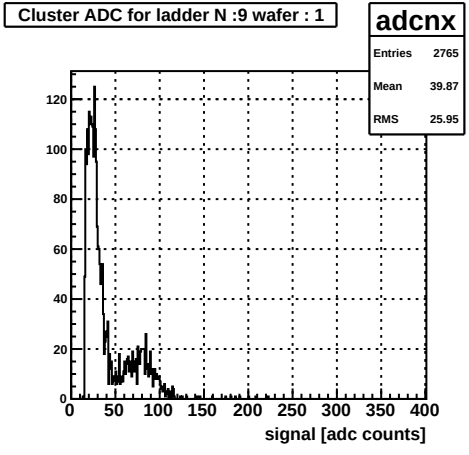

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

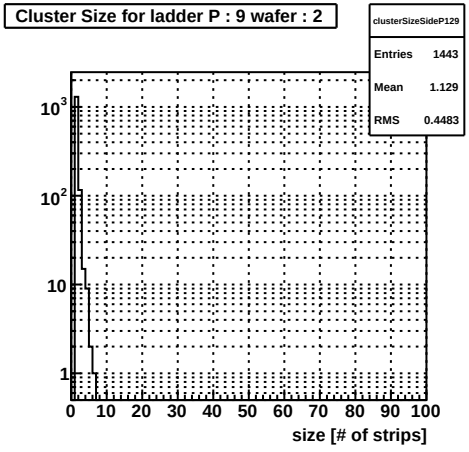

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8269
Mean 1.062
RMS 0.3044
size [# of strips]

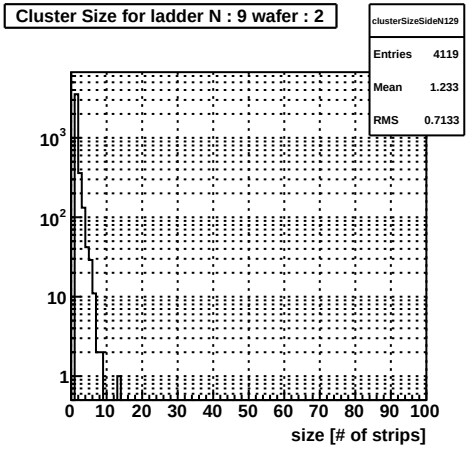

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2765
Mean 1.548
RMS 0.8725
size [# of strips]

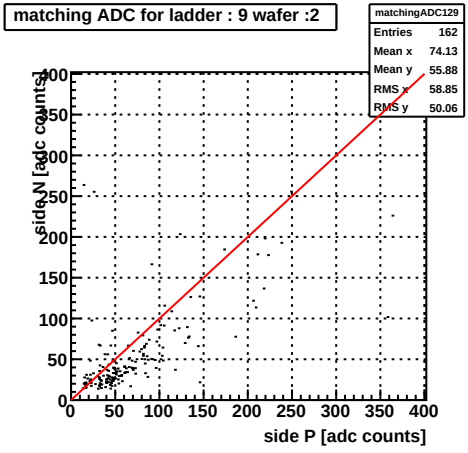

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 127
Mean x 41.94
Mean y 47.08
RMS x 40.11
RMS y 32.19
side N [adc counts]
side P [adc counts]

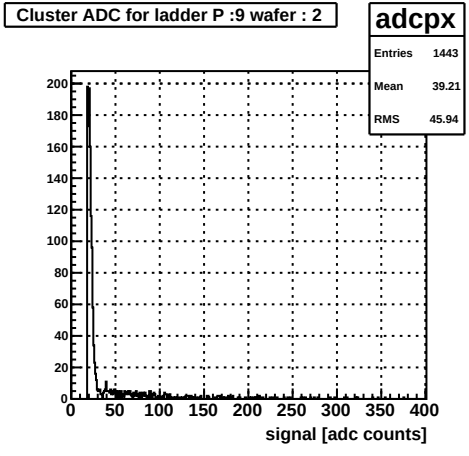

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8269
Mean 28.89
RMS 29.04
signal [adc counts]

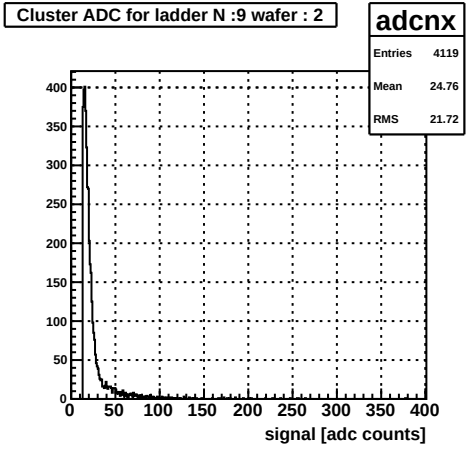

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2765
Mean 39.87
RMS 25.95
signal [adc counts]

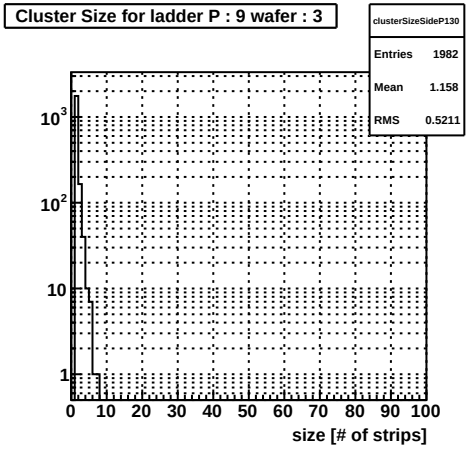

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1443
Mean 1.129
RMS 0.4483
size [# of strips]

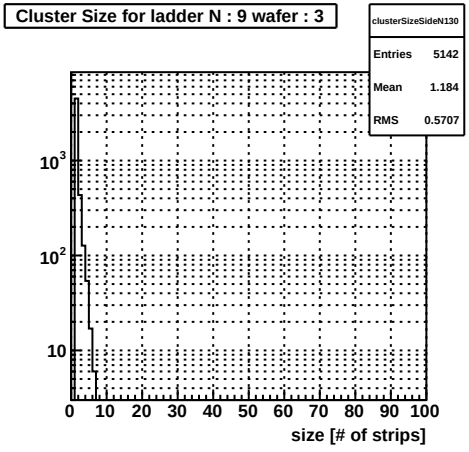

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4119
Mean 1.233
RMS 0.7133
size [# of strips]

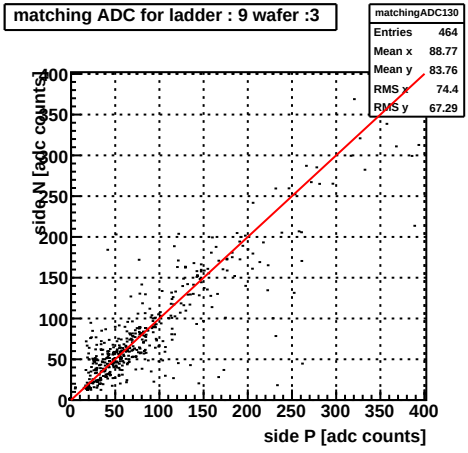

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 162
Mean x 74.13
Mean y 55.88
RMS x 58.85
RMS y 50.06
side N [adc counts]
side P [adc counts]

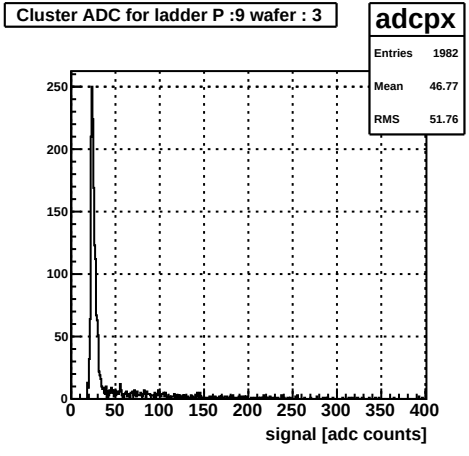

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1443
Mean 39.21
RMS 45.94
signal [adc counts]

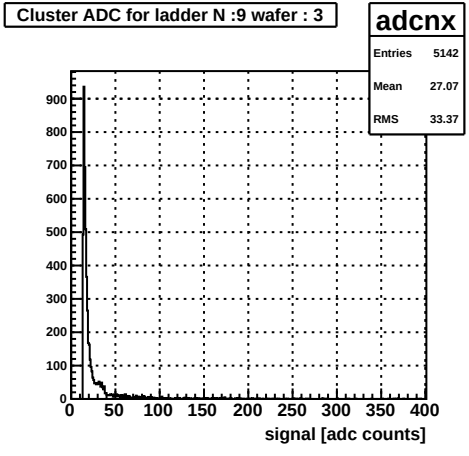

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4119
Mean 24.76
RMS 21.72
signal [adc counts]

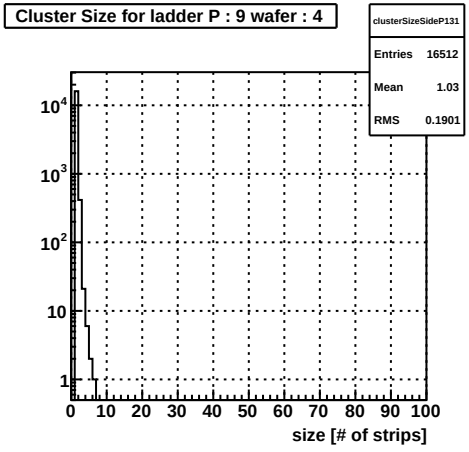

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1982
Mean 1.158
RMS 0.5211
size [# of strips]

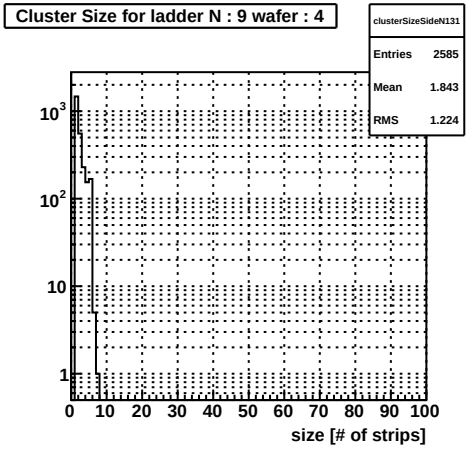

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5142
Mean 1.184
RMS 0.5707
size [# of strips]

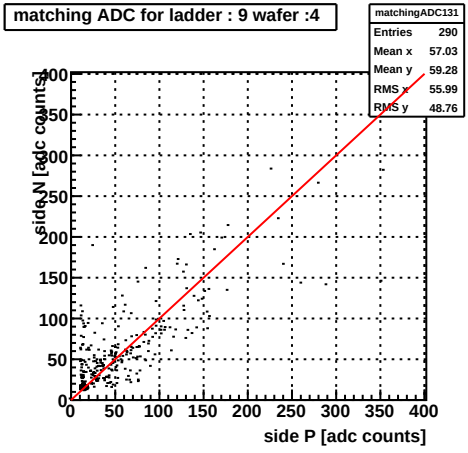

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 464
Mean x 88.77
Mean y 83.76
RMS x 74.4
RMS y 67.29
side N [adc counts]
side P [adc counts]

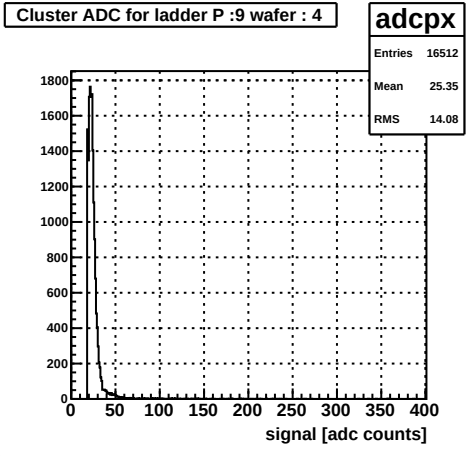

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1982
Mean 46.77
RMS 51.76
signal [adc counts]

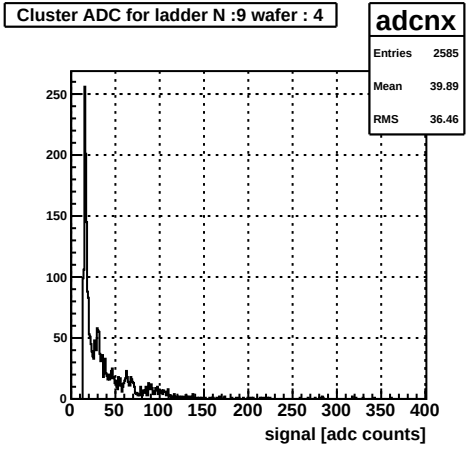

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5142
Mean 27.07
RMS 33.37
signal [adc counts]

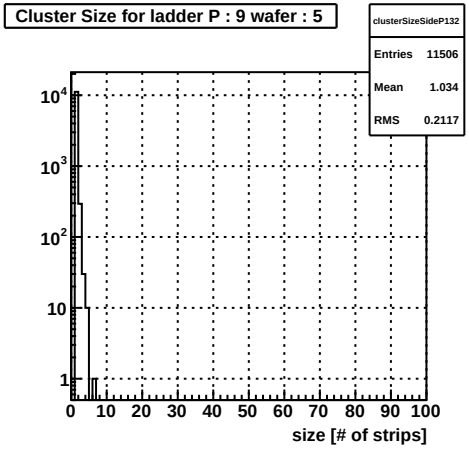

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 16512
Mean 1.03
RMS 0.1901
size [# of strips]

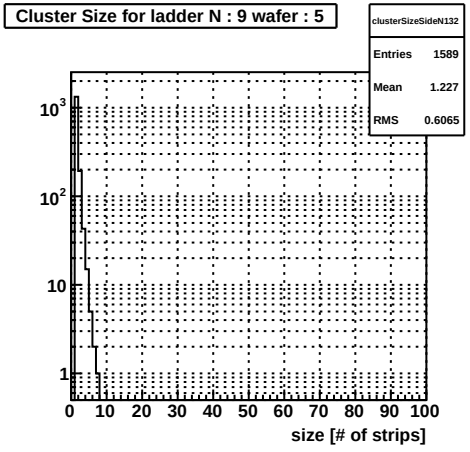

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2585
Mean 1.843
RMS 1.224
size [# of strips]

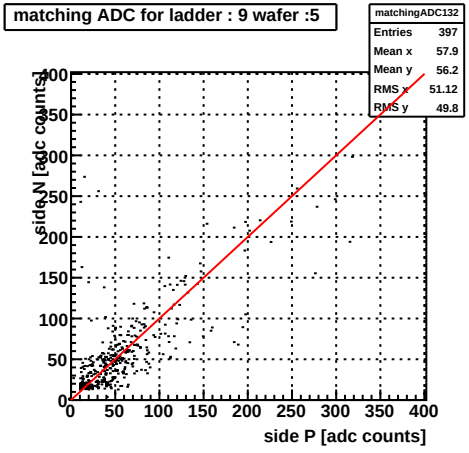

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 290
Mean x 57.03
Mean y 59.28
RMS x 55.99
RMS y 48.76
side N [adc counts]
side P [adc counts]

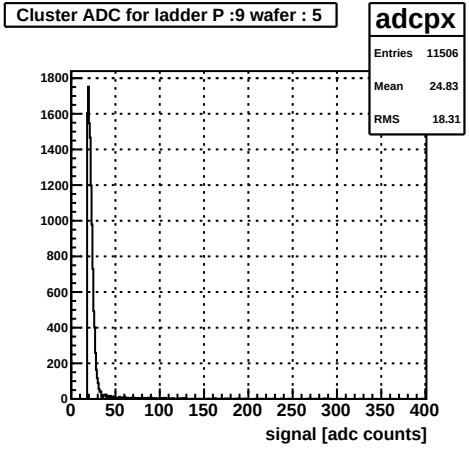

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 16512
Mean 25.35
RMS 14.08
signal [adc counts]

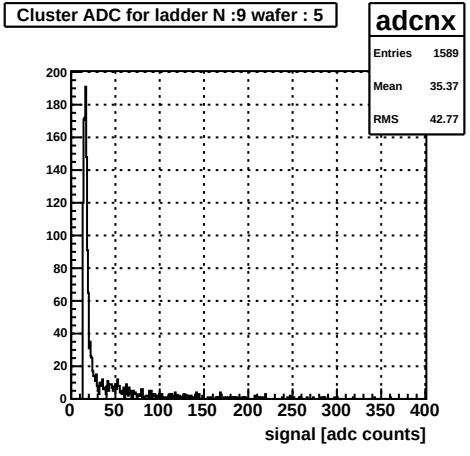

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2585
Mean 39.89
RMS 36.46
signal [adc counts]

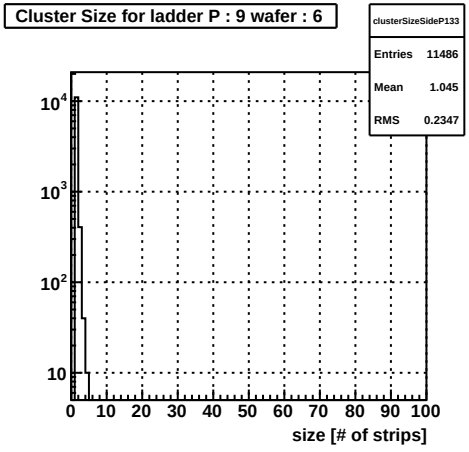

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 11506
Mean 1.034
RMS 0.2117
size [# of strips]

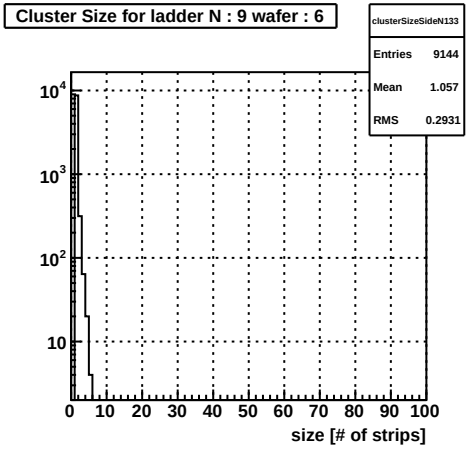

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1589
Mean 1.227
RMS 0.6065
size [# of strips]

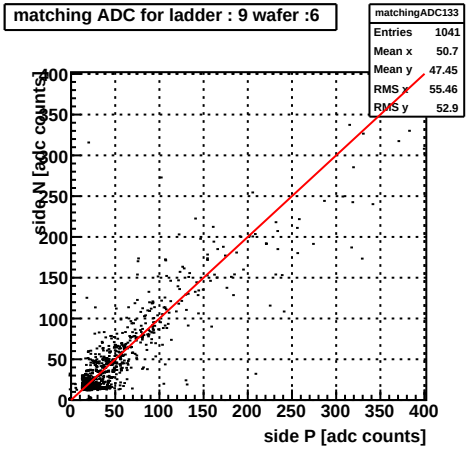

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 397
Mean x 57.9
Mean y 56.2
RMS x 51.12
RMS y 49.8
side N [adc counts]
side P [adc counts]

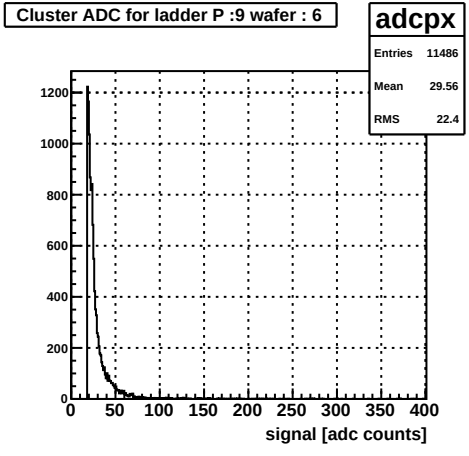

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 11506
Mean 24.83
RMS 18.31
signal [adc counts]

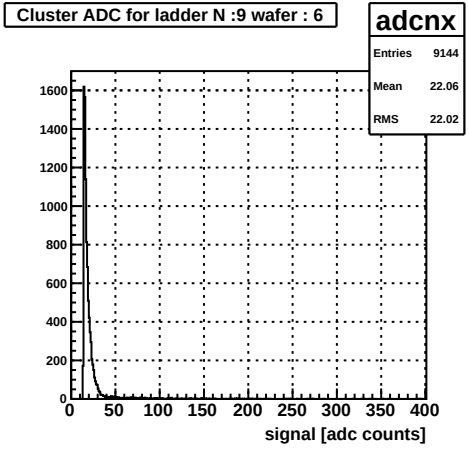

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1589
Mean 35.37
RMS 42.77
signal [adc counts]

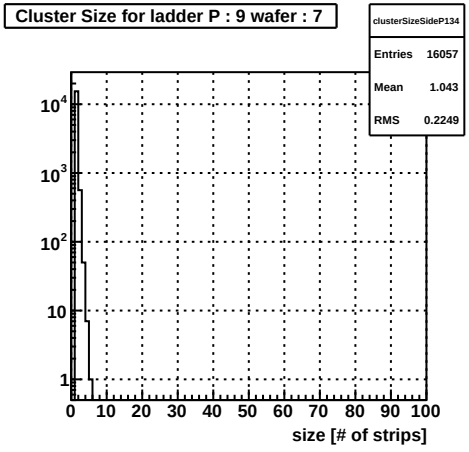

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 11486
Mean 1.045
RMS 0.2347
size [# of strips]

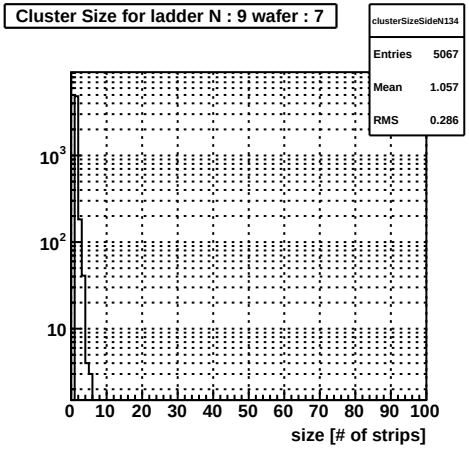

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9144
Mean 1.057
RMS 0.2931
size [# of strips]

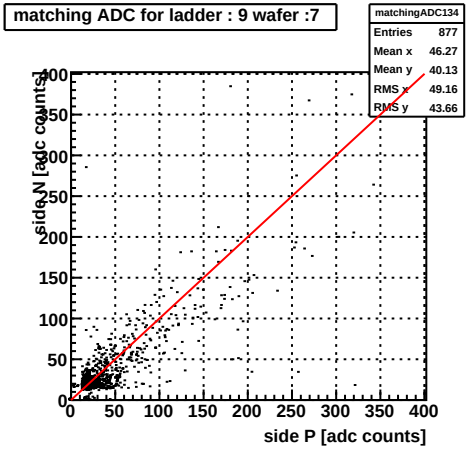

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1041
Mean x 50.7
Mean y 47.45
RMS x 55.46
RMS y 52.9
side N [adc counts]
side P [adc counts]

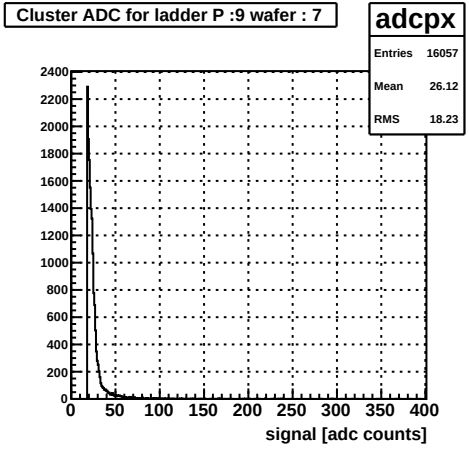

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 11486
Mean 29.56
RMS 22.4
signal [adc counts]

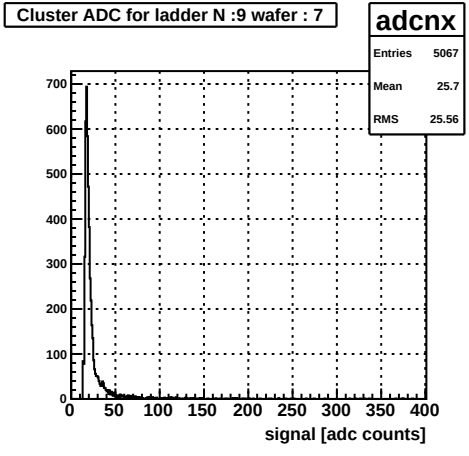

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9144
Mean 22.06
RMS 22.02
signal [adc counts]

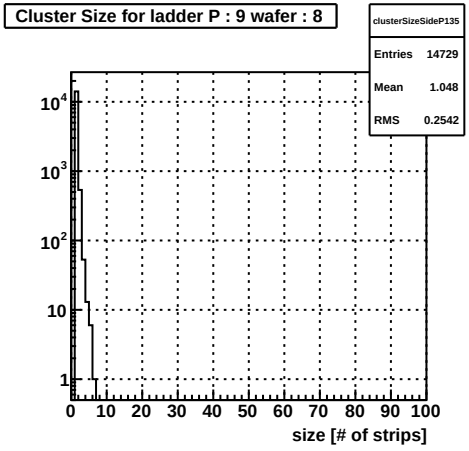

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 16057
Mean 1.043
RMS 0.2249
size [# of strips]

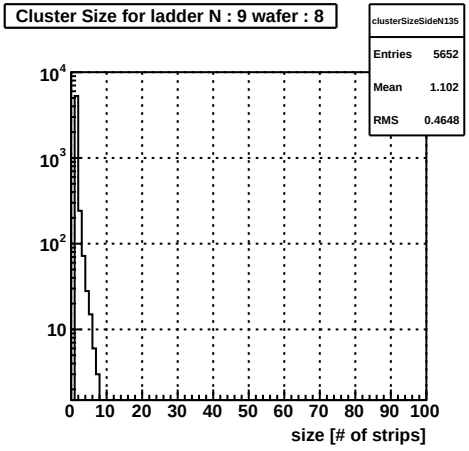

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 5067
Mean 1.057
RMS 0.286
size [# of strips]

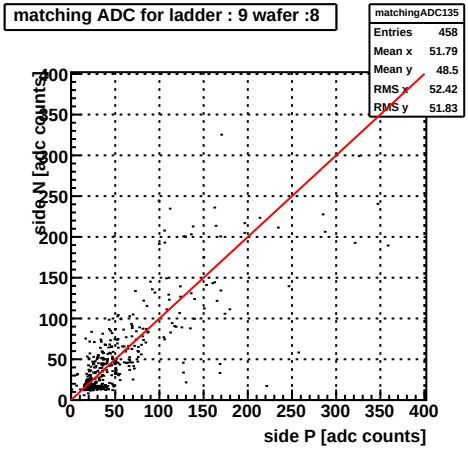

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 877
Mean x 46.27
Mean y 40.13
RMS x 49.16
RMS y 43.66
side N [adc counts]
side P [adc counts]

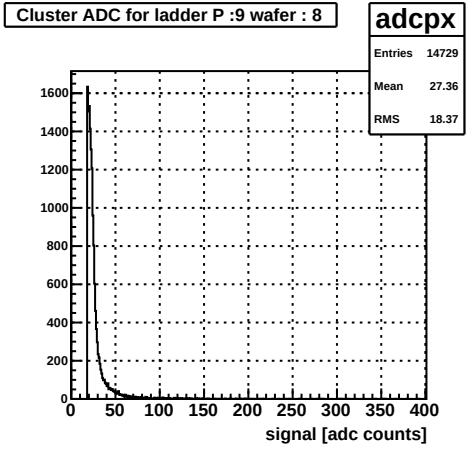

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 16057
Mean 26.12
RMS 18.23
signal [adc counts]

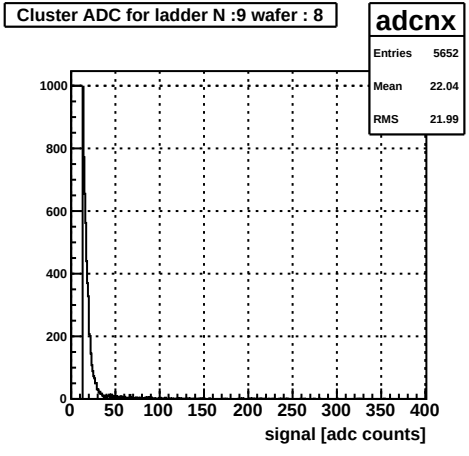

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 5067
Mean 25.7
RMS 25.56
signal [adc counts]

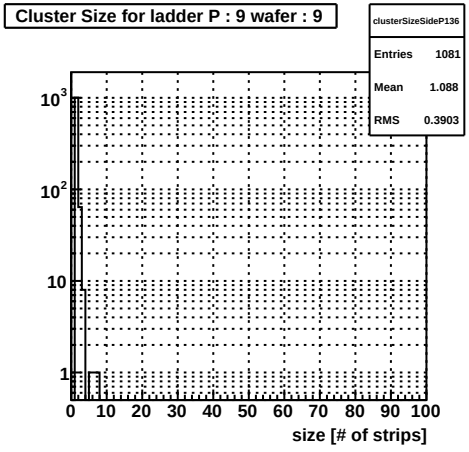

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14729
Mean 1.048
RMS 0.2542
size [# of strips]

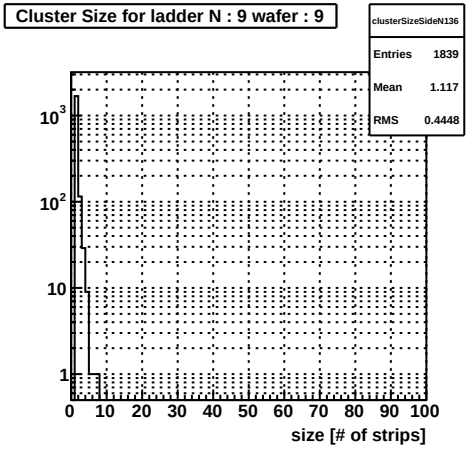

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5652
Mean 1.102
RMS 0.4648
size [# of strips]

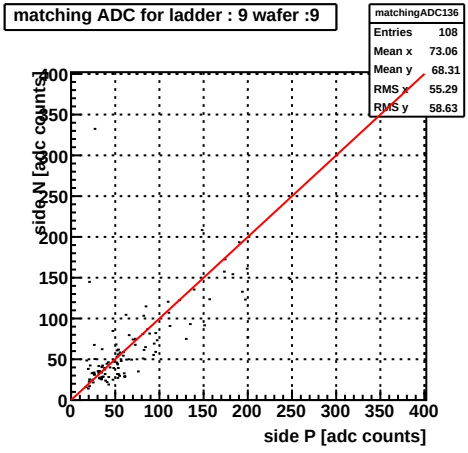

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 458
Mean x 51.79
Mean y 48.5
RMS x 52.42
RMS y 51.83
side N [adc counts]
side P [adc counts]

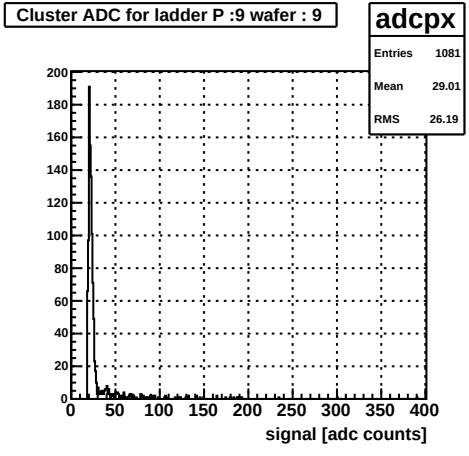

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14729
Mean 27.36
RMS 18.37
signal [adc counts]

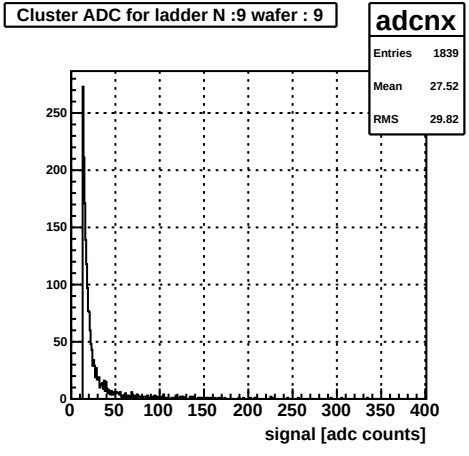

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5652
Mean 22.04
RMS 21.99
signal [adc counts]

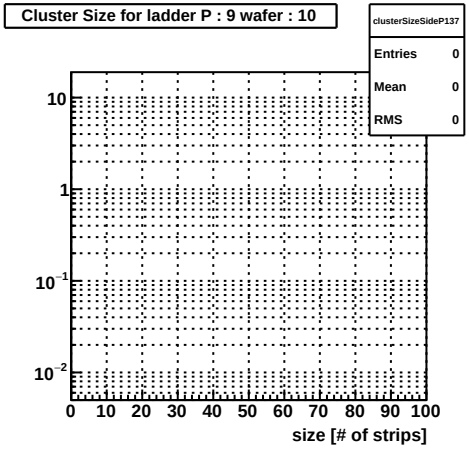

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1081
Mean 1.088
RMS 0.3903
size [# of strips]

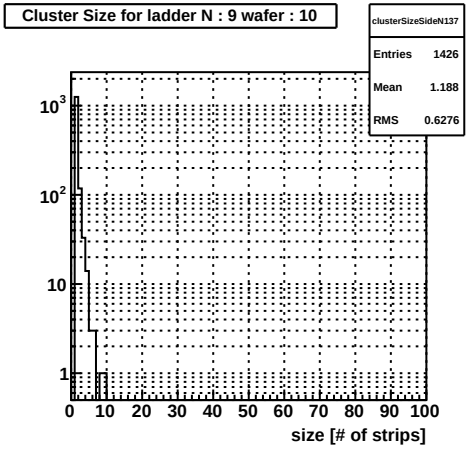

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1839
Mean 1.117
RMS 0.4448
size [# of strips]

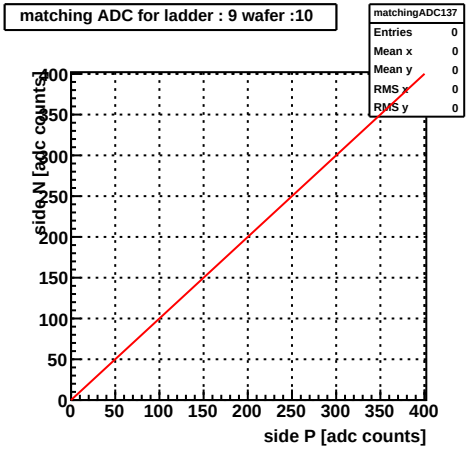

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 108
Mean x 73.06
Mean y 68.31
RMS x 55.29
RMS y 58.63
side N [adc counts]
side P [adc counts]

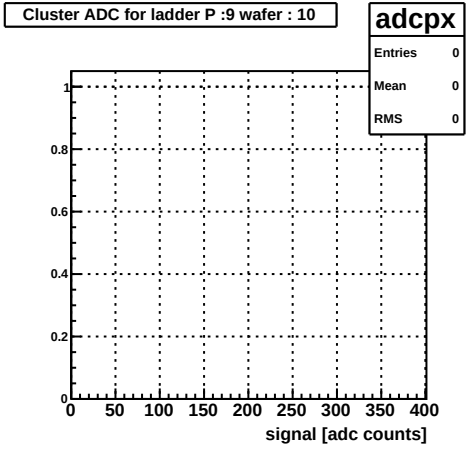

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1081
Mean 29.01
RMS 26.19
signal [adc counts]

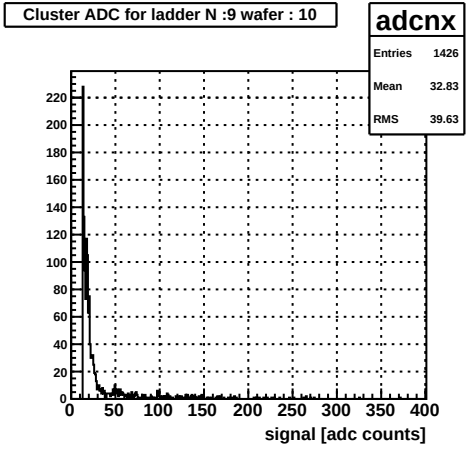

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1839
Mean 27.52
RMS 29.82
signal [adc counts]

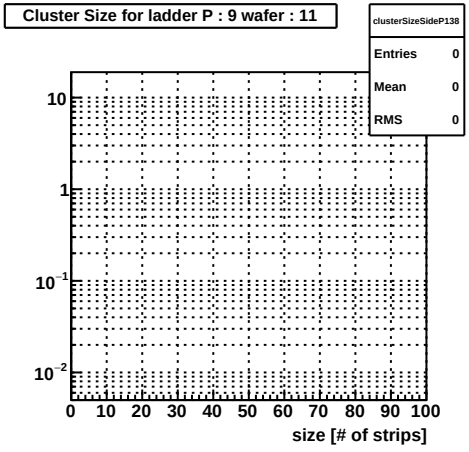

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

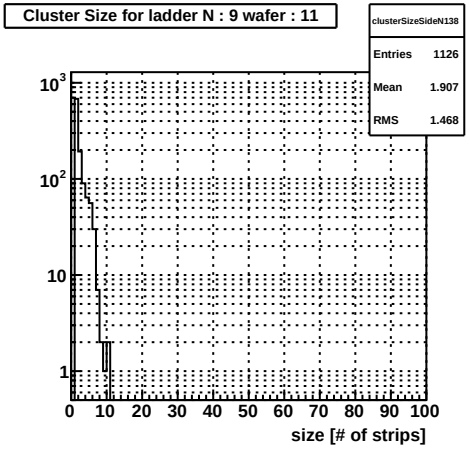

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1426
Mean 1.188
RMS 0.6276
size [# of strips]

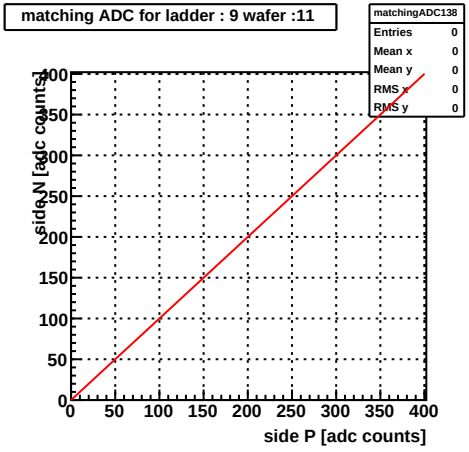

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

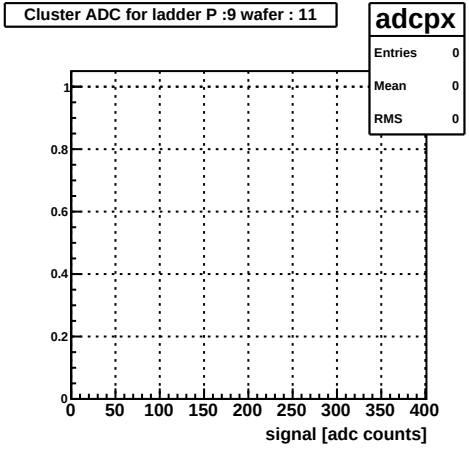

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

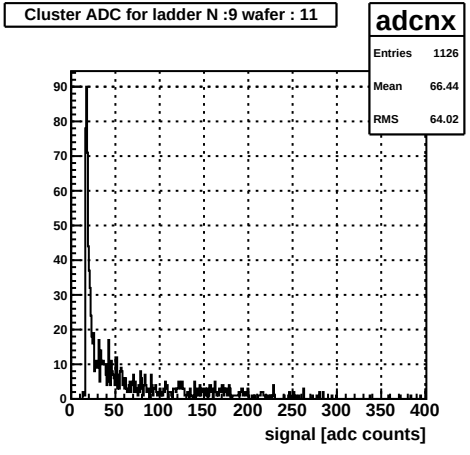

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1426
Mean 32.83
RMS 39.63
signal [adc counts]

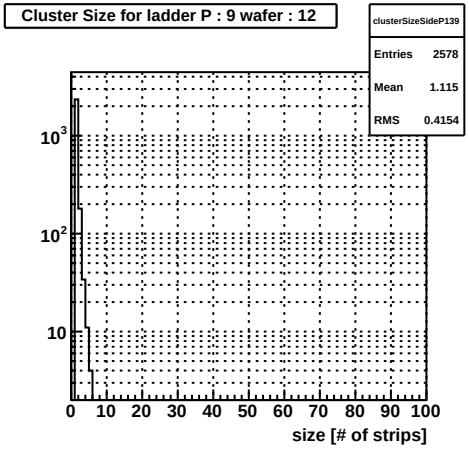

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

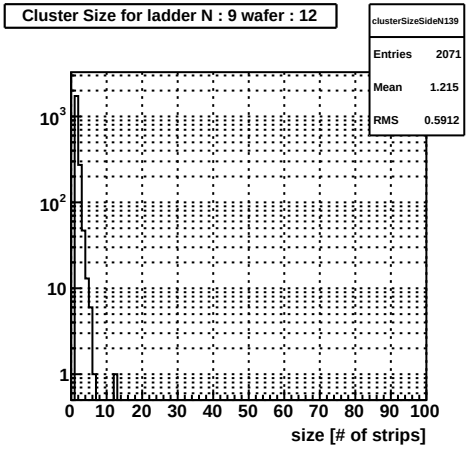

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1126
Mean 1.907
RMS 1.468
size [# of strips]

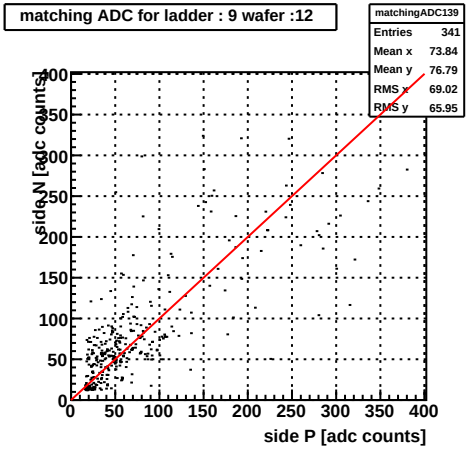

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

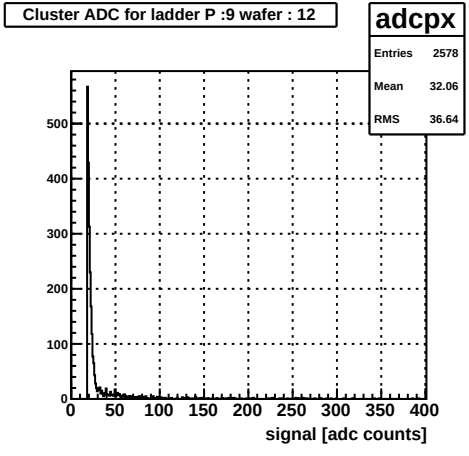

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

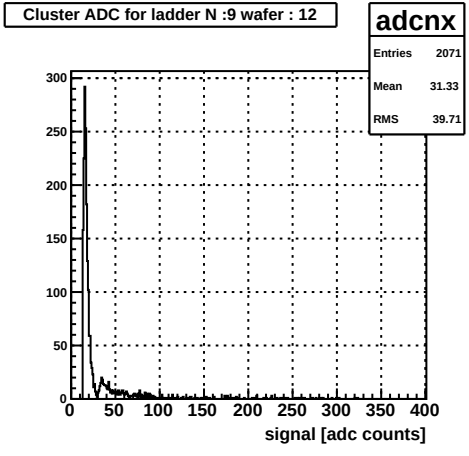

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1126
Mean 66.44
RMS 64.02
signal [adc counts]

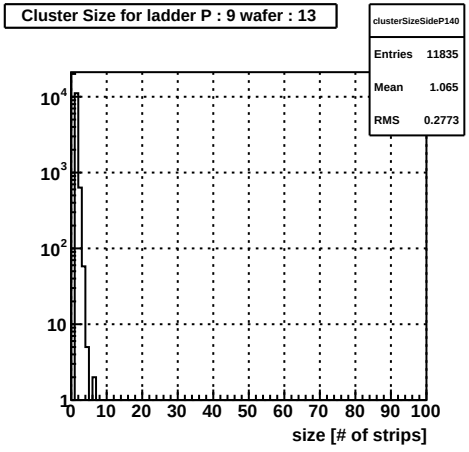

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2578
Mean 1.115
RMS 0.4154
size [# of strips]

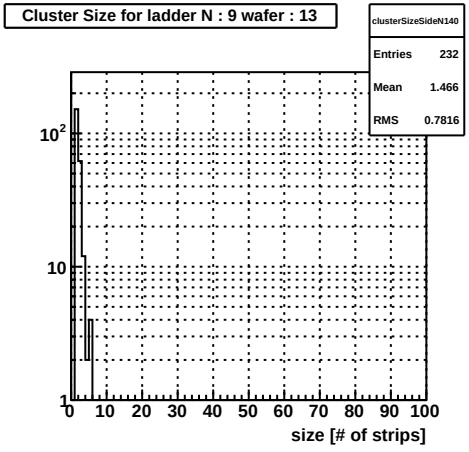

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2071
Mean 1.215
RMS 0.5912
size [# of strips]

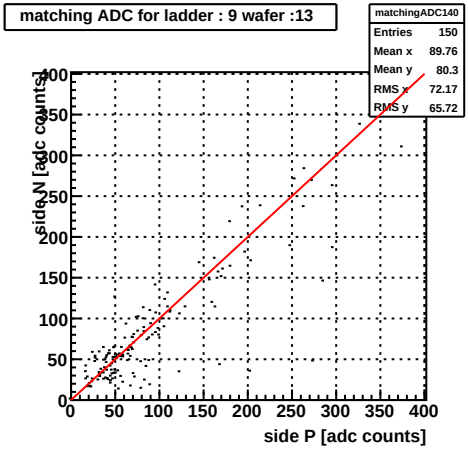

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 341
Mean x 73.84
Mean y 76.79
RMS x 69.02
RMS y 65.95
side N [adc counts]
side P [adc counts]

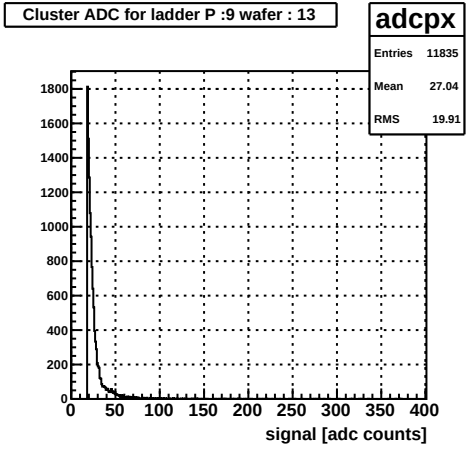

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2578
Mean 32.06
RMS 36.64
signal [adc counts]

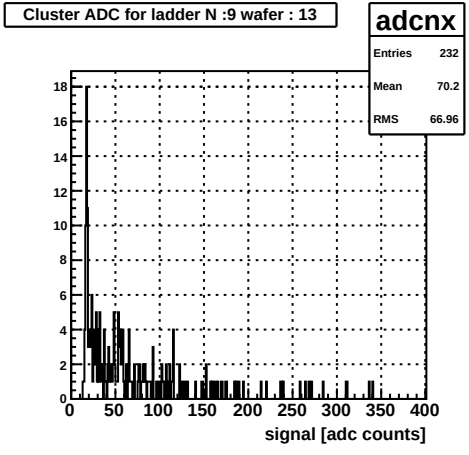

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2071
Mean 31.33
RMS 39.71
signal [adc counts]

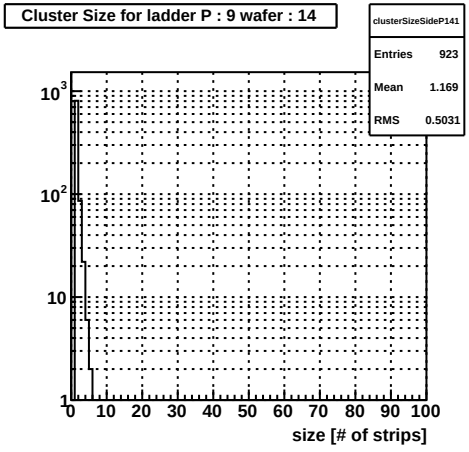

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 11835
Mean 1.065
RMS 0.2773
size [# of strips]

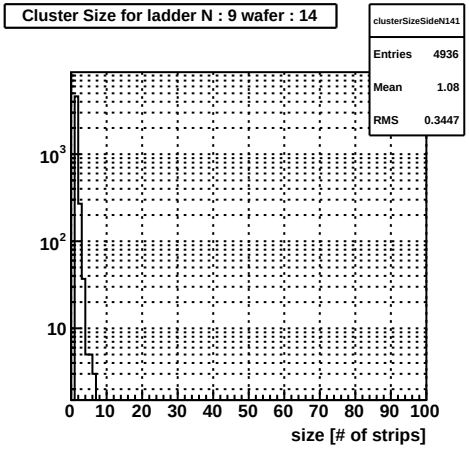

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 232
Mean 1.466
RMS 0.7816
size [# of strips]

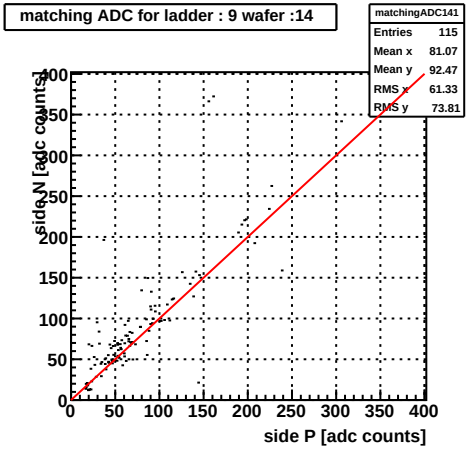

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 150
Mean x 89.76
Mean y 80.3
RMS x 72.17
RMS y 65.72
side N [adc counts]
side P [adc counts]

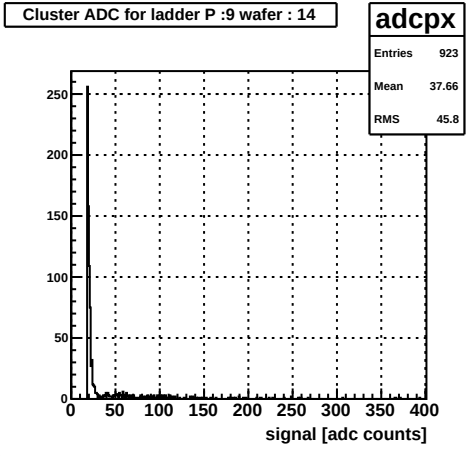

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 11835
Mean 27.04
RMS 19.91
signal [adc counts]

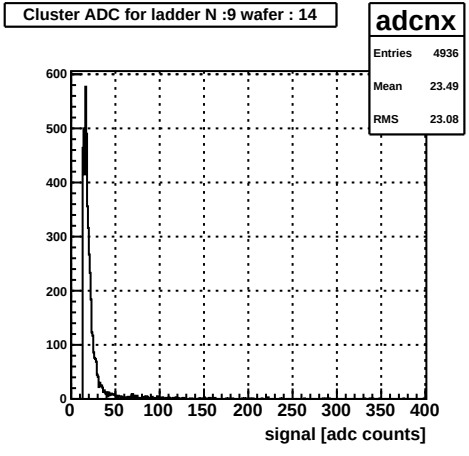

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 232
Mean 70.2
RMS 66.96
signal [adc counts]

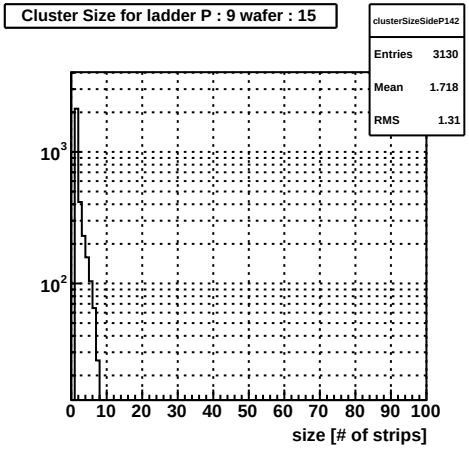

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 923
Mean 1.169
RMS 0.5031
size [# of strips]

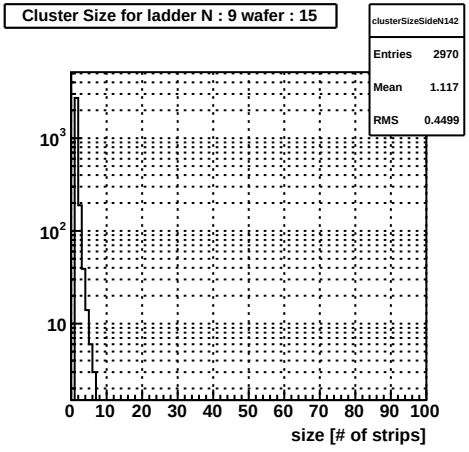

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4936
Mean 1.08
RMS 0.3447
size [# of strips]

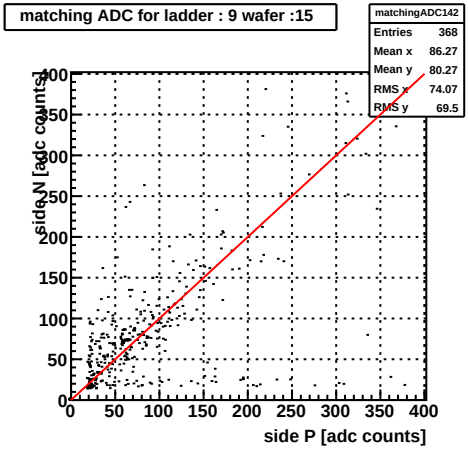

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 115
Mean x 81.07
Mean y 92.47
RMS x 61.33
RMS y 73.81
side N [adc counts]
side P [adc counts]

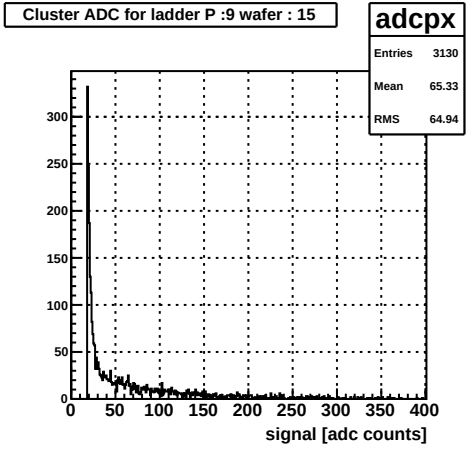

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 923
Mean 37.66
RMS 45.8
signal [adc counts]

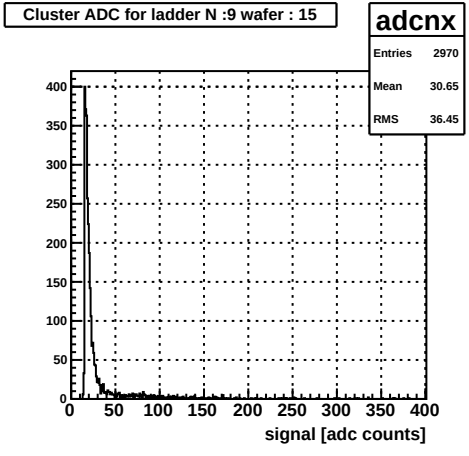

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4936
Mean 23.49
RMS 23.08
signal [adc counts]

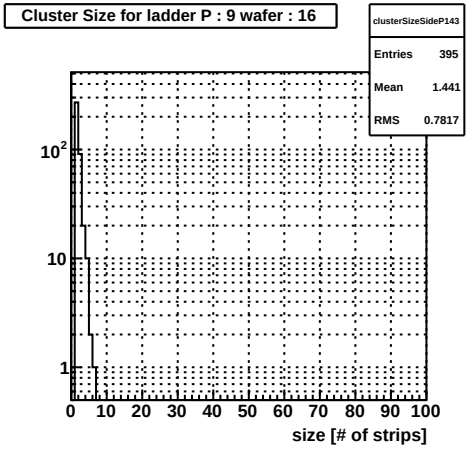

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3130
Mean 1.718
RMS 1.31
size [# of strips]

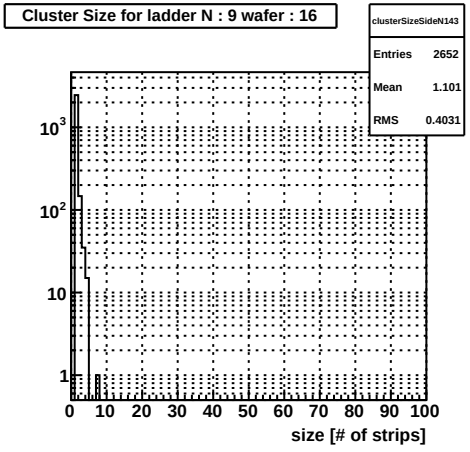

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2970
Mean 1.117
RMS 0.4499
size [# of strips]

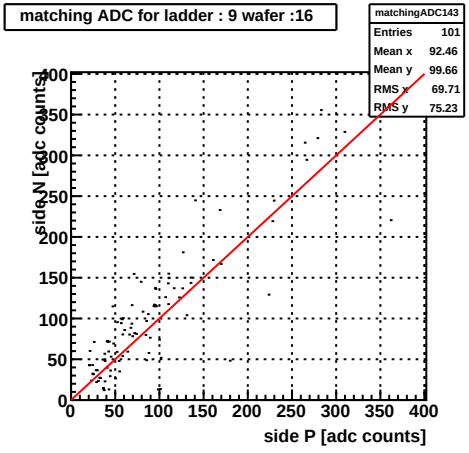

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 368
Mean x 86.27
Mean y 80.27
RMS x 74.07
RMS y 69.5
side N [adc counts]
side P [adc counts]

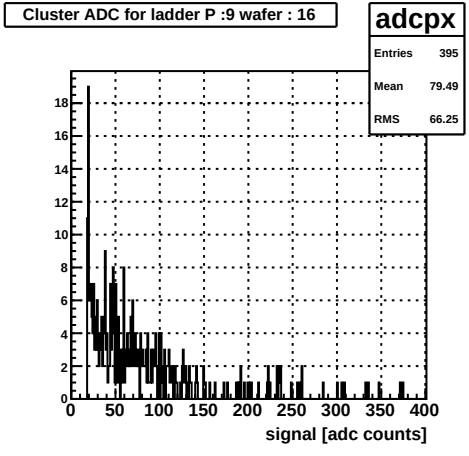

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3130
Mean 65.33
RMS 64.94
signal [adc counts]

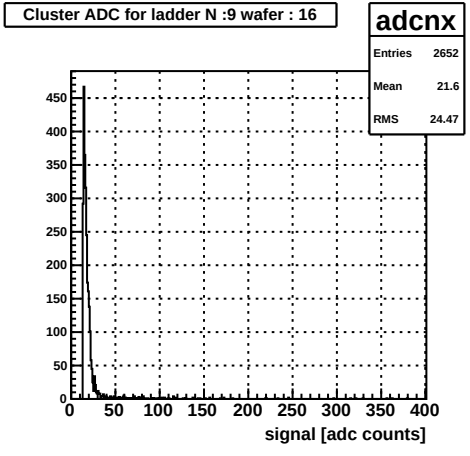

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2970
Mean 30.65
RMS 36.45
signal [adc counts]

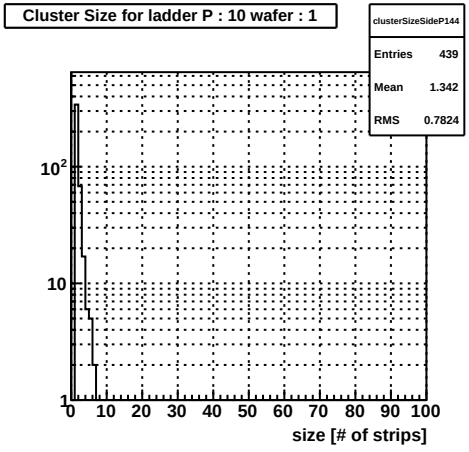

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 395
Mean 1.441
RMS 0.7817
size [# of strips]

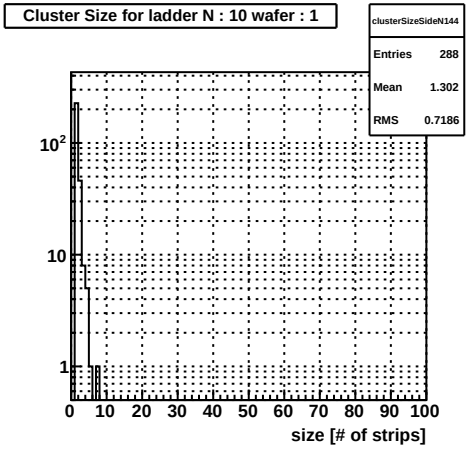

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2652
Mean 1.101
RMS 0.4031
size [# of strips]

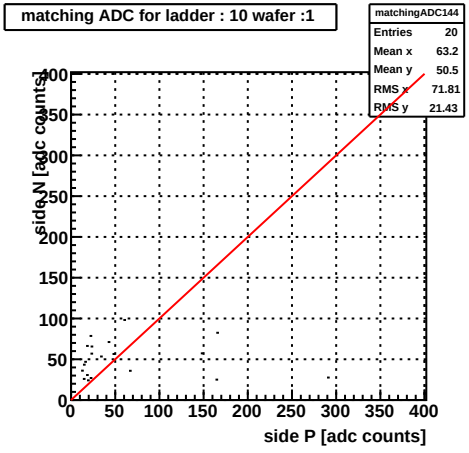

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 101
Mean x 92.46
Mean y 99.66
RMS x 69.71
RMS y 75.23
side N [adc counts]
side P [adc counts]

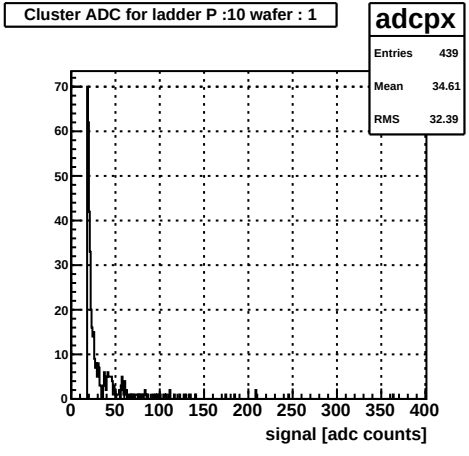

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 395
Mean 79.49
RMS 66.25
signal [adc counts]

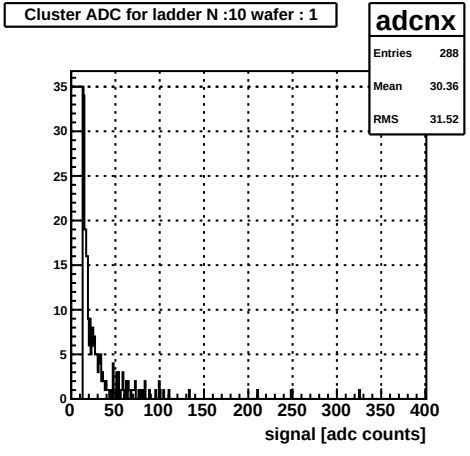

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2652
Mean 21.6
RMS 24.47
signal [adc counts]

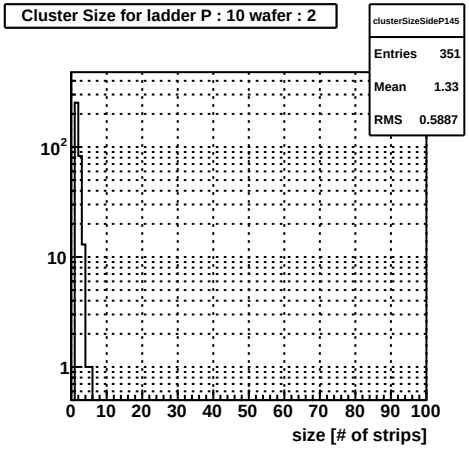

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 439
Mean 1.342
RMS 0.7824
size [# of strips]

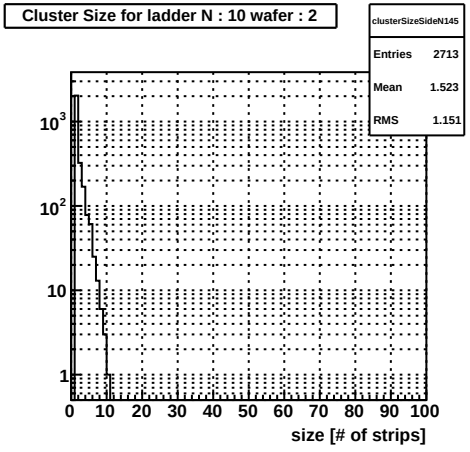

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 288
Mean 1.302
RMS 0.7186
size [# of strips]

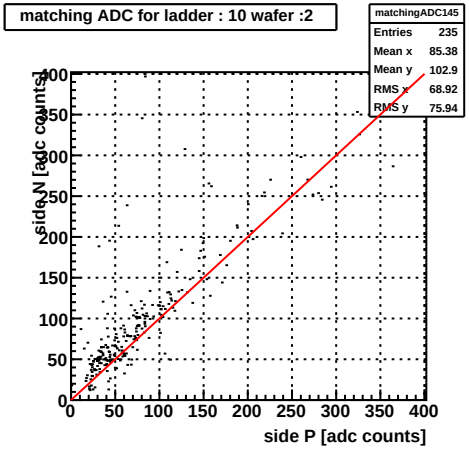

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 20
Mean x 63.2
Mean y 50.5
RMS x 71.81
RMS y 21.43
side N [adc counts]
side P [adc counts]

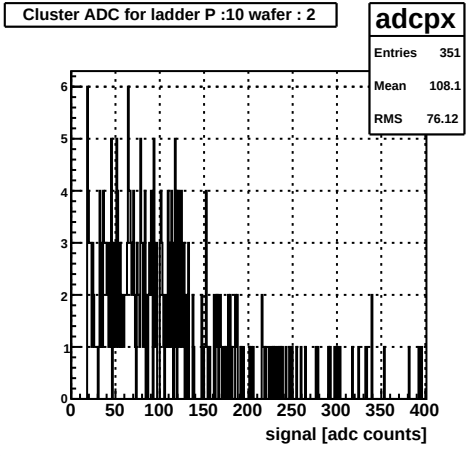

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 439
Mean 34.61
RMS 32.39
signal [adc counts]

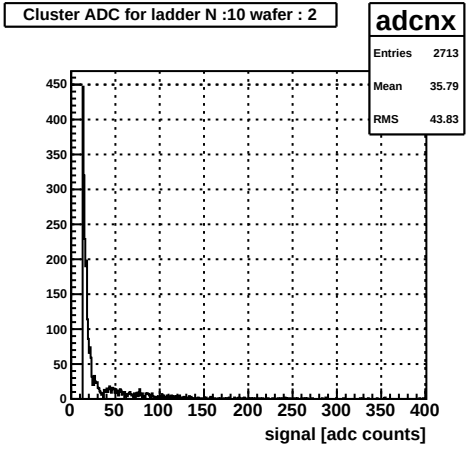

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 288
Mean 30.36
RMS 31.52
signal [adc counts]

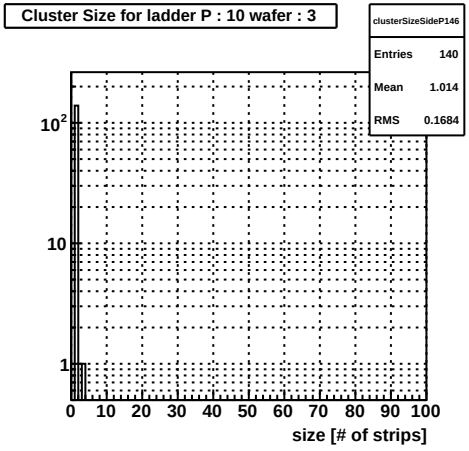

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 351
Mean 1.33
RMS 0.5887
size [# of strips]

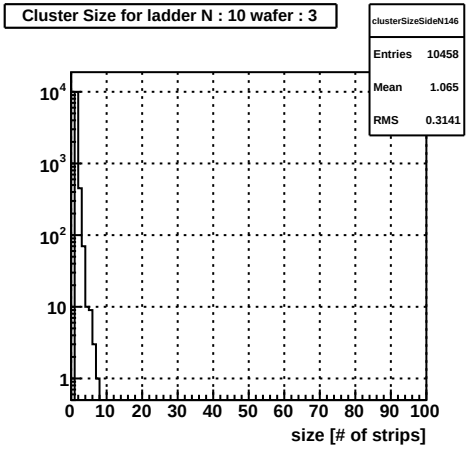

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2713
Mean 1.523
RMS 1.151
size [# of strips]

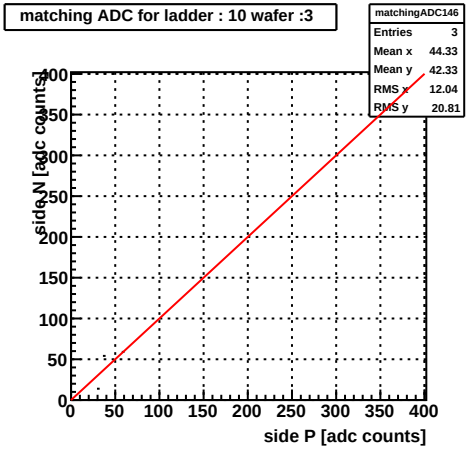

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 235
Mean x 85.38
Mean y 102.9
RMS x 68.92
RMS y 75.94
side N [adc counts]
side P [adc counts]

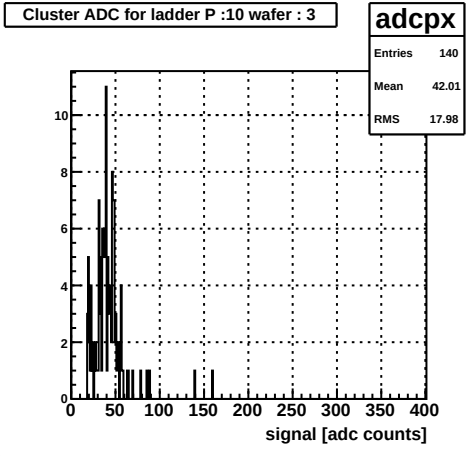

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 351
Mean 108.1
RMS 76.12
signal [adc counts]

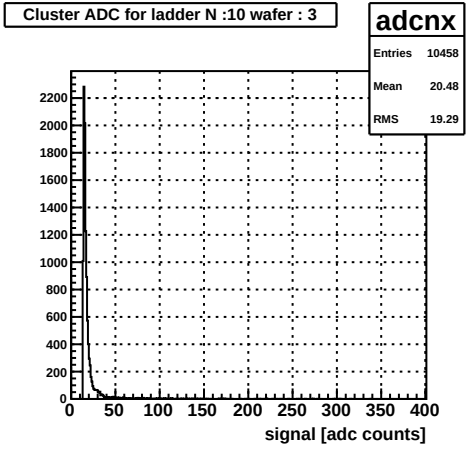

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2713
Mean 35.79
RMS 43.83
signal [adc counts]

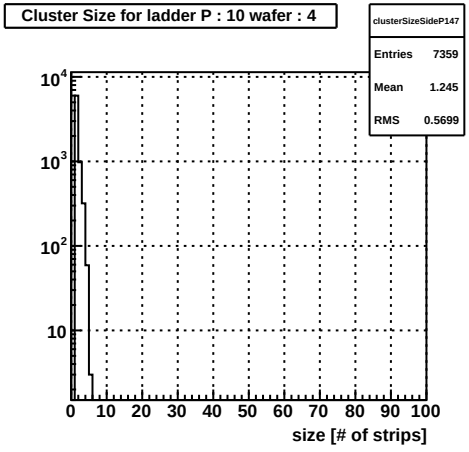

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 140
Mean 1.014
RMS 0.1684
size [# of strips]

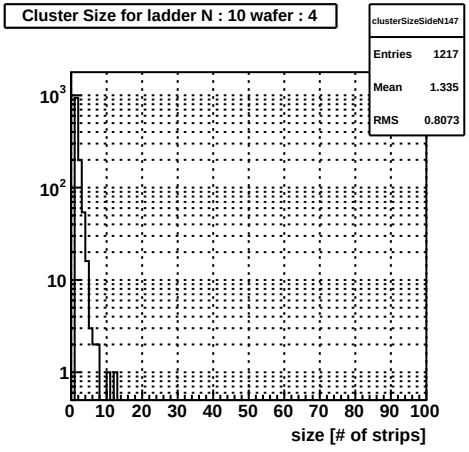

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 10458
Mean 1.065
RMS 0.3141
size [# of strips]

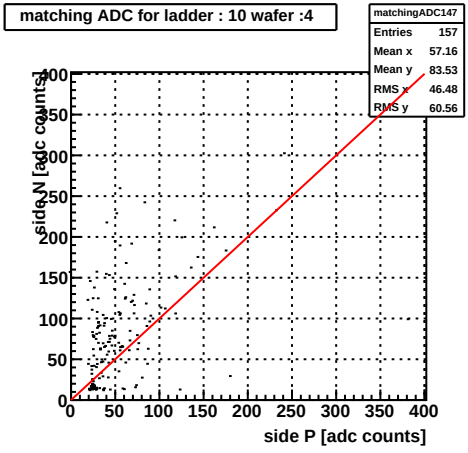

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 44.33
Mean y 42.33
RMS x 12.04
RMS y 20.81
side N [adc counts]
side P [adc counts]

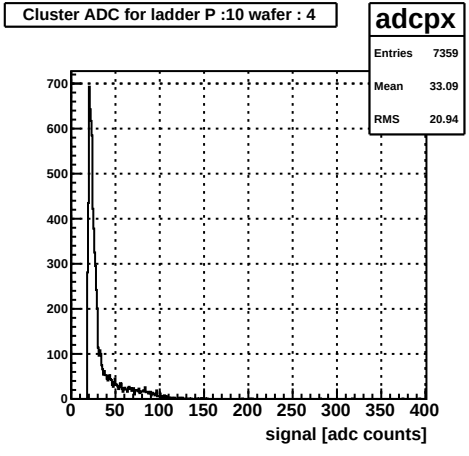

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 140
Mean 42.01
RMS 17.98
signal [adc counts]

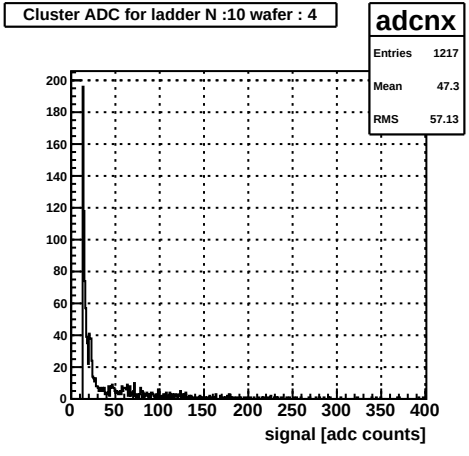

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 10458
Mean 20.48
RMS 19.29
signal [adc counts]

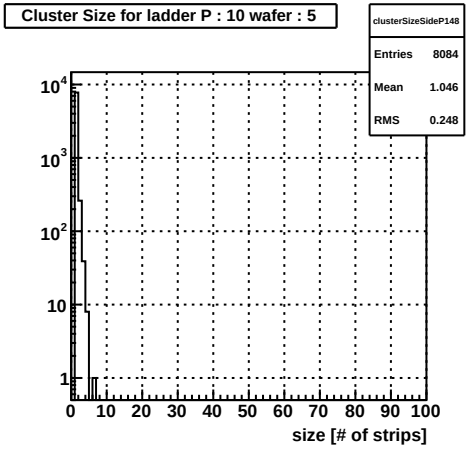

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7359
Mean 1.245
RMS 0.5699
size [# of strips]

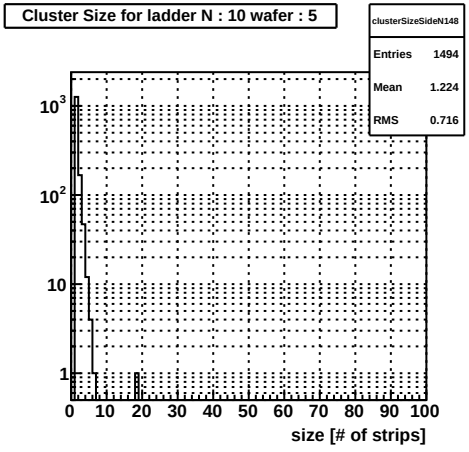

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1217
Mean 1.335
RMS 0.8073
size [# of strips]

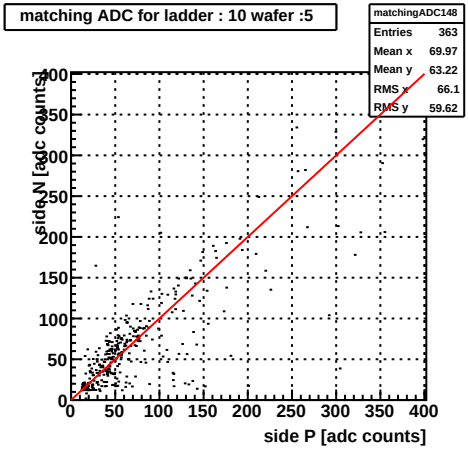

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 157
Mean x 57.16
Mean y 83.53
RMS x 46.48
RMS y 60.56
side N [adc counts]
side P [adc counts]

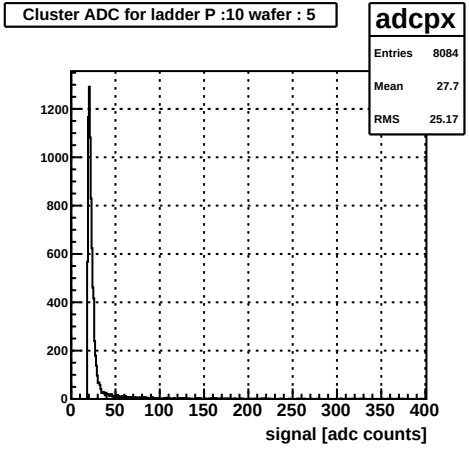

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7359
Mean 33.09
RMS 20.94
signal [adc counts]

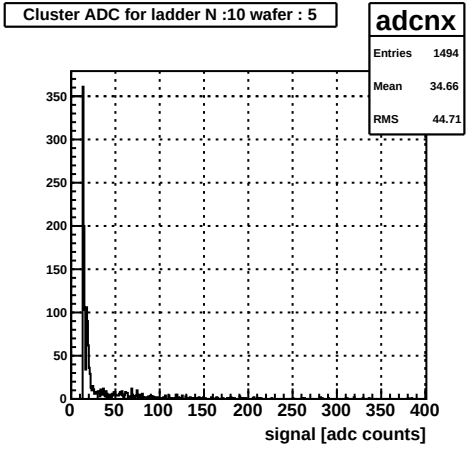

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1217
Mean 47.3
RMS 57.13
signal [adc counts]

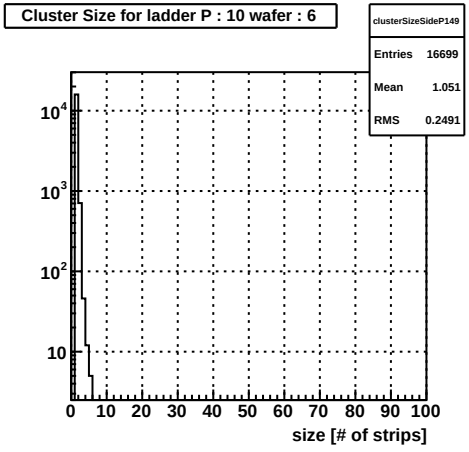

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8084
Mean 1.046
RMS 0.248
size [# of strips]

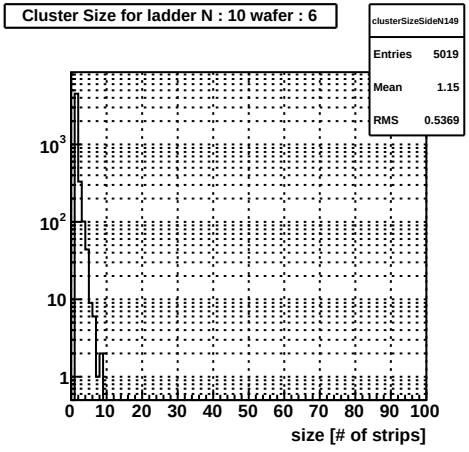

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1494
Mean 1.224
RMS 0.716
size [# of strips]

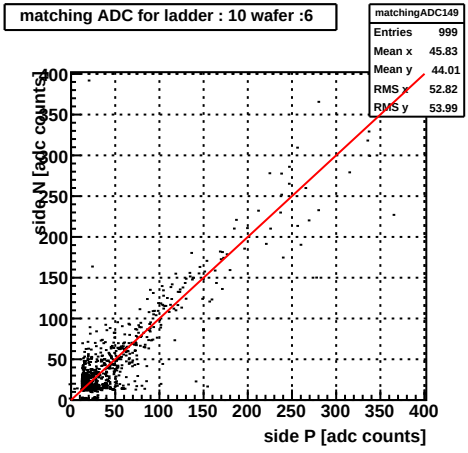

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 363
Mean x 69.97
Mean y 63.22
RMS x 66.1
RMS y 59.62
side N [adc counts]
side P [adc counts]

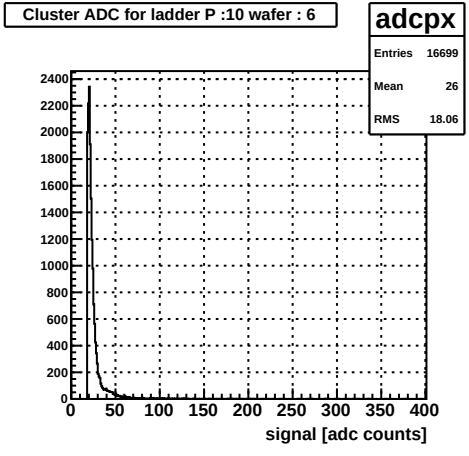

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8084
Mean 27.7
RMS 25.17
signal [adc counts]

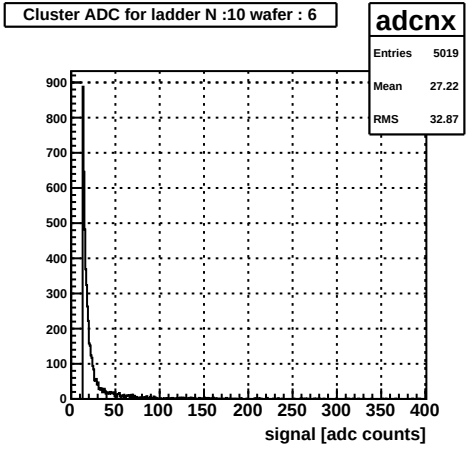

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1494
Mean 34.66
RMS 44.71
signal [adc counts]

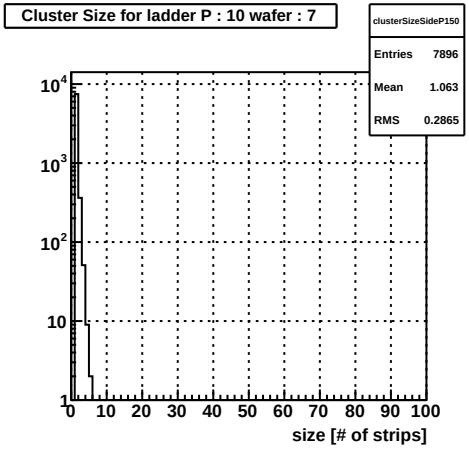

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 16699
Mean 1.051
RMS 0.2491
size [# of strips]

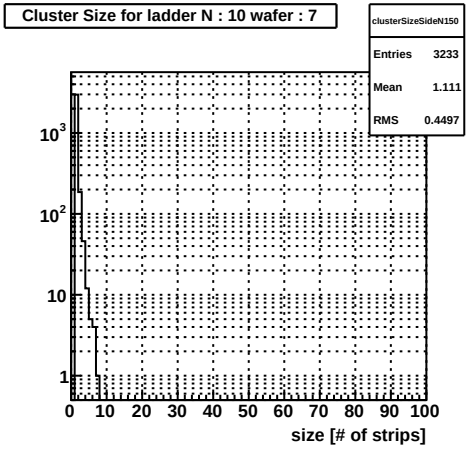

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5019
Mean 1.15
RMS 0.5369
size [# of strips]

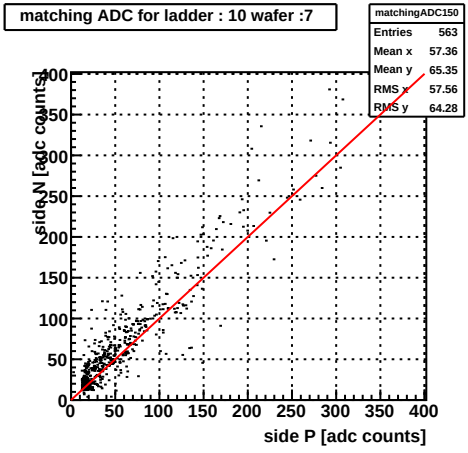

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 999
Mean x 45.83
Mean y 44.01
RMS x 52.82
RMS y 53.99
side N [adc counts]
side P [adc counts]

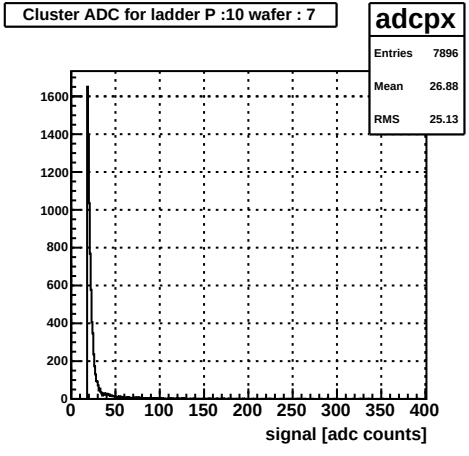

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 16699
Mean 26
RMS 18.06
signal [adc counts]

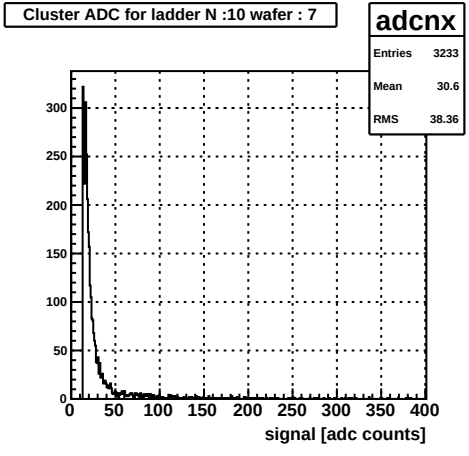

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5019
Mean 27.22
RMS 32.87
signal [adc counts]

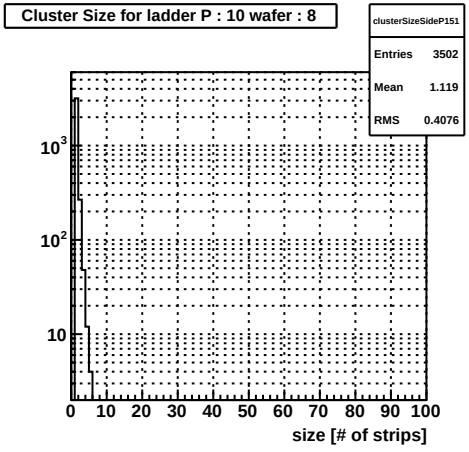

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7896
Mean 1.063
RMS 0.2865
size [# of strips]

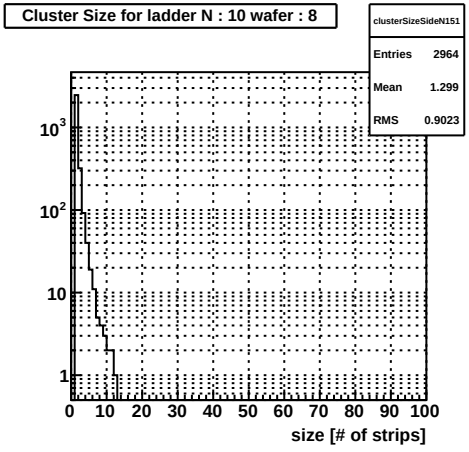

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3233
Mean 1.111
RMS 0.4497
size [# of strips]

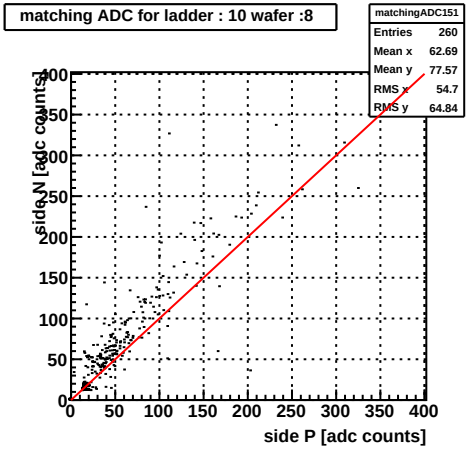

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 563
Mean x 57.36
Mean y 65.35
RMS x 57.56
RMS y 64.28
side N [adc counts]
side P [adc counts]

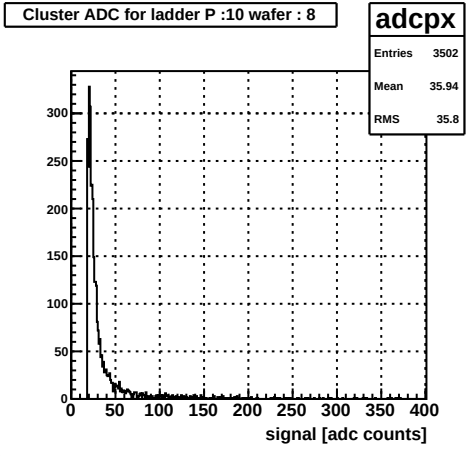

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7896
Mean 26.88
RMS 25.13
signal [adc counts]

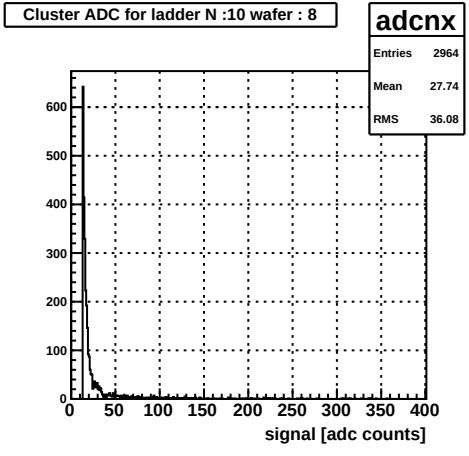

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3233
Mean 30.6
RMS 38.36
signal [adc counts]

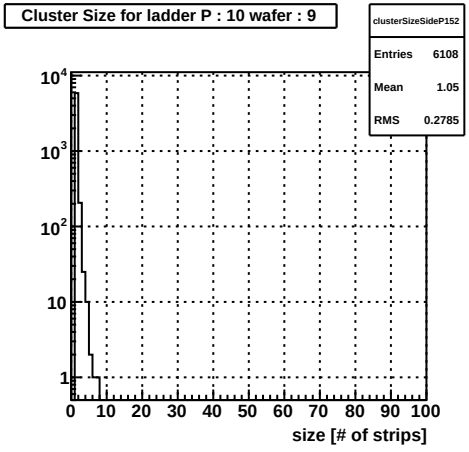

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3502
Mean 1.119
RMS 0.4076
size [# of strips]

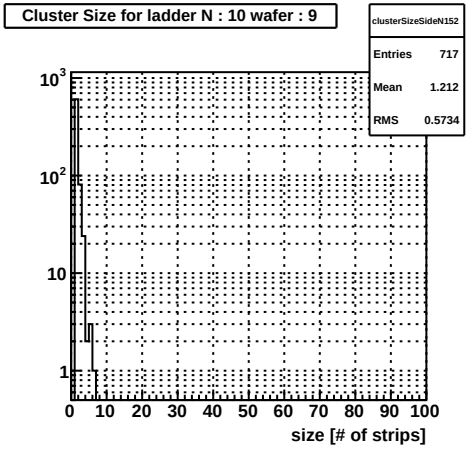

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2964
Mean 1.299
RMS 0.9023
size [# of strips]

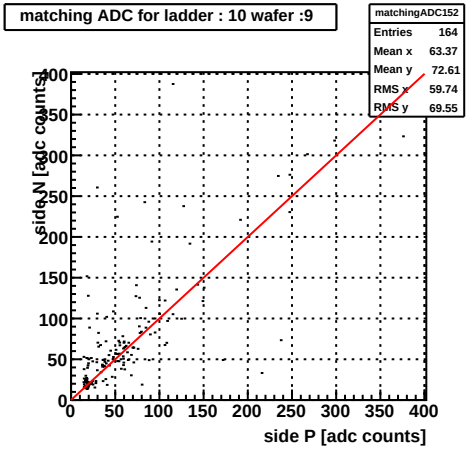

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 260
Mean x 62.69
Mean y 77.57
RMS x 54.7
RMS y 64.84
side N [adc counts]
side P [adc counts]

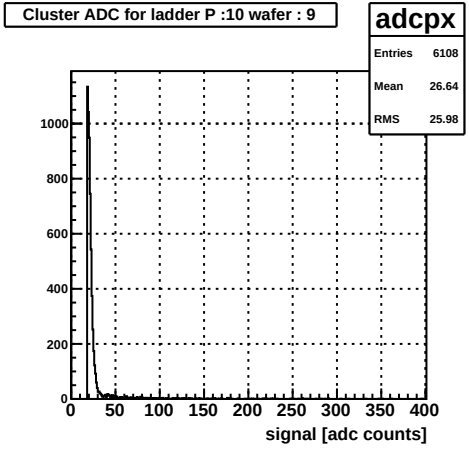

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3502
Mean 35.94
RMS 35.8
signal [adc counts]

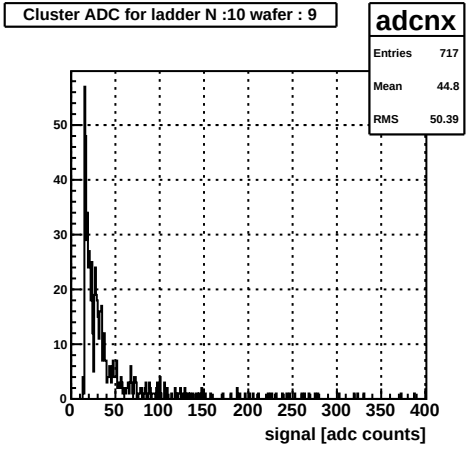

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2964
Mean 27.74
RMS 36.08
signal [adc counts]

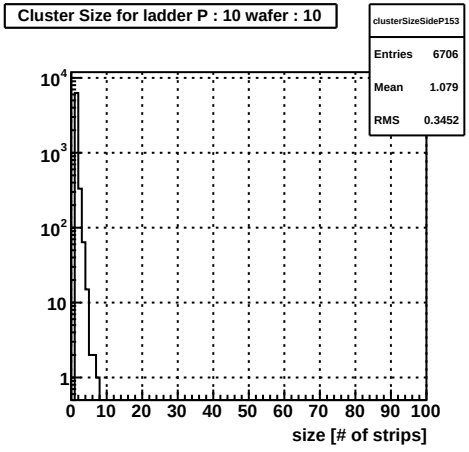

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6108
Mean 1.05
RMS 0.2785
size [# of strips]

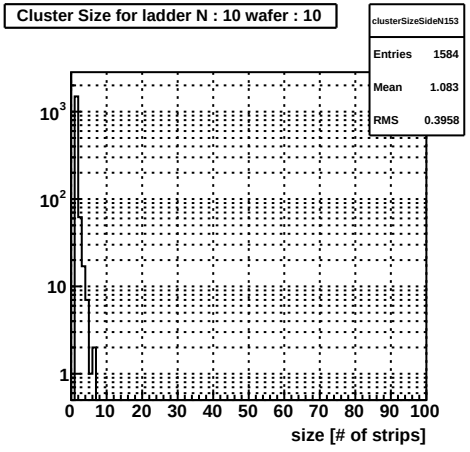

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 717
Mean 1.212
RMS 0.5734
size [# of strips]

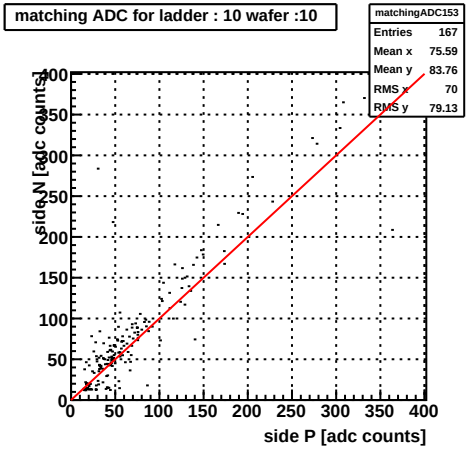

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 164
Mean x 63.37
Mean y 72.61
RMS x 59.74
RMS y 69.55
side N [adc counts]
side P [adc counts]

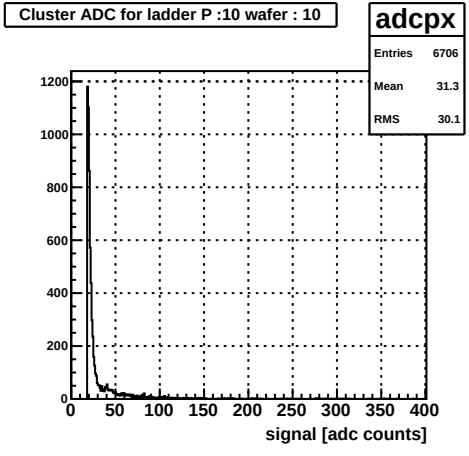

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6108
Mean 26.64
RMS 25.98
signal [adc counts]

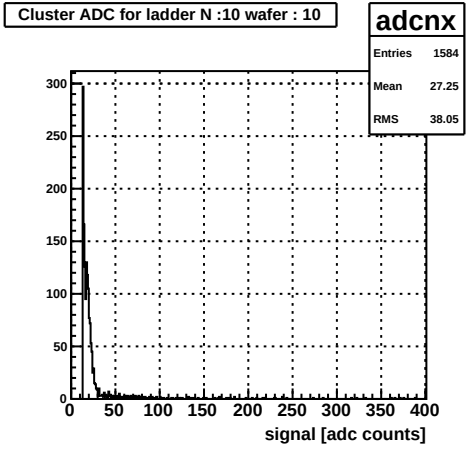

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 717
Mean 44.8
RMS 50.39
signal [adc counts]

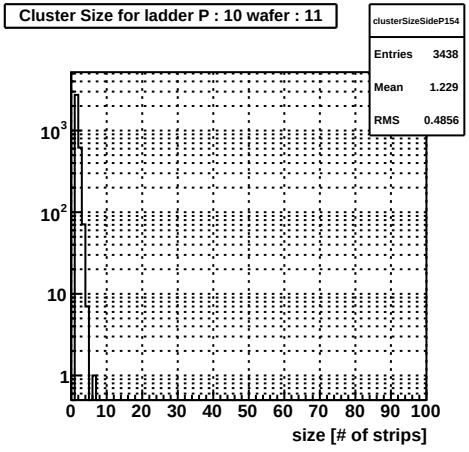

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6706
Mean 1.079
RMS 0.3452
size [# of strips]

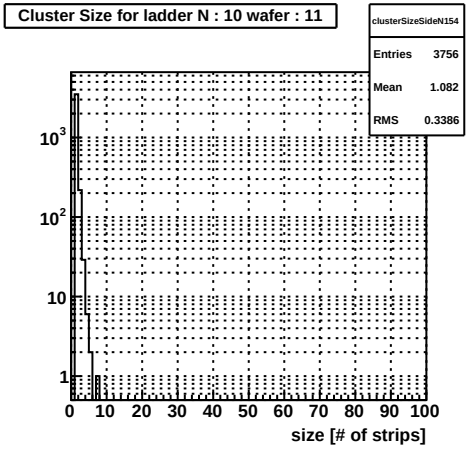

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1584
Mean 1.083
RMS 0.3958
size [# of strips]

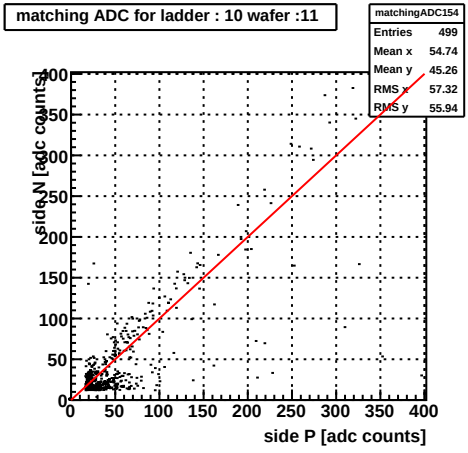

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 167
Mean x 75.59
Mean y 83.76
RMS x 70
RMS y 79.13
side N [adc counts]
side P [adc counts]

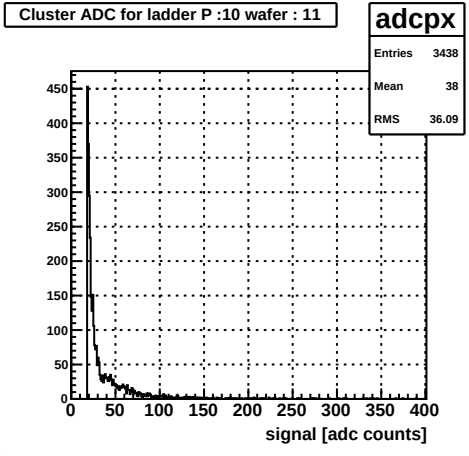

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6706
Mean 31.3
RMS 30.1
signal [adc counts]

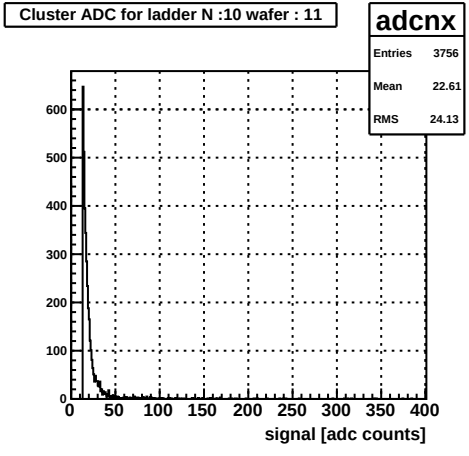

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1584
Mean 27.25
RMS 38.05
signal [adc counts]

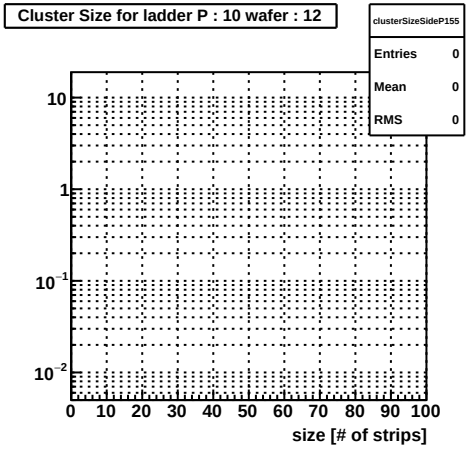

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3438
Mean 1.229
RMS 0.4856
size [# of strips]

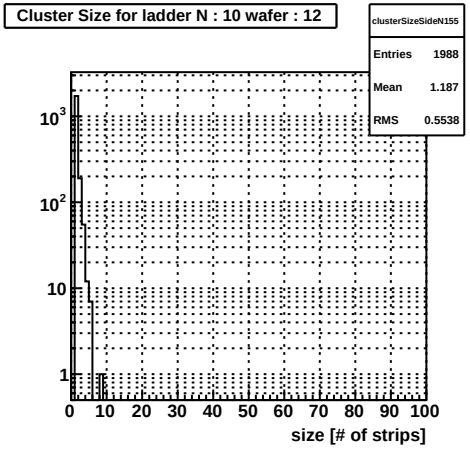

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3756
Mean 1.082
RMS 0.3386
size [# of strips]

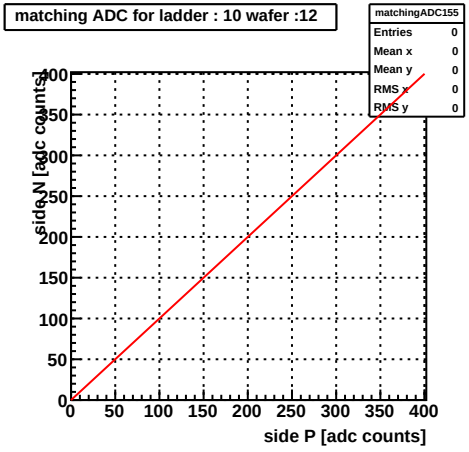

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 499
Mean x 54.74
Mean y 45.26
RMS x 57.32
RMS y 55.94
side N [adc counts]
side P [adc counts]

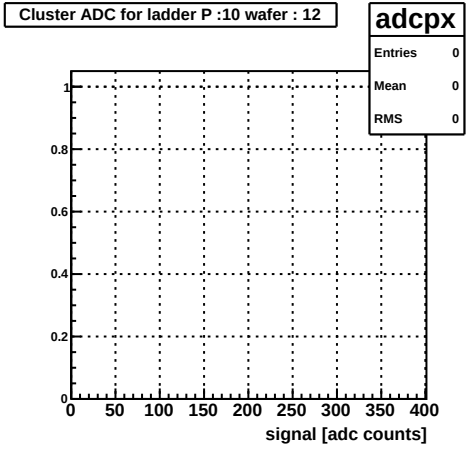

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3438
Mean 38
RMS 36.09
signal [adc counts]

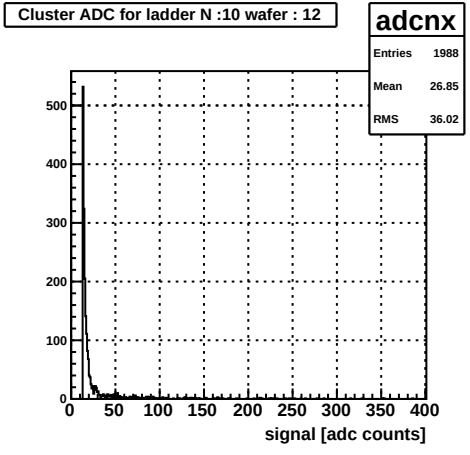

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3756
Mean 22.61
RMS 24.13
signal [adc counts]

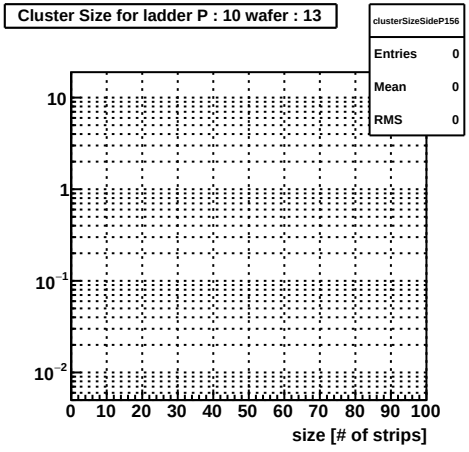

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

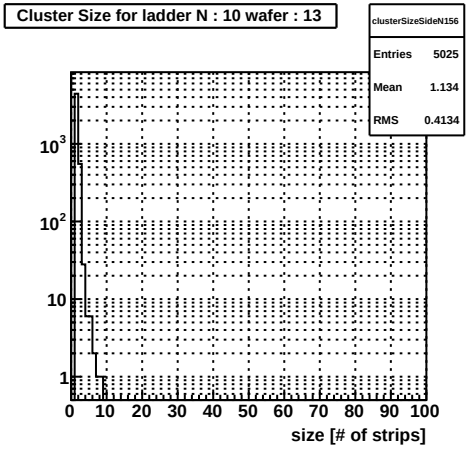

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1988
Mean 1.187
RMS 0.5538
size [# of strips]

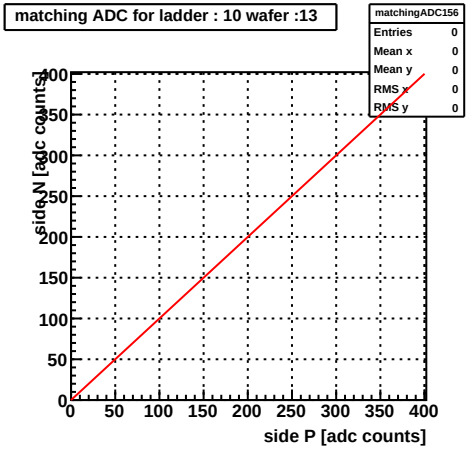

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

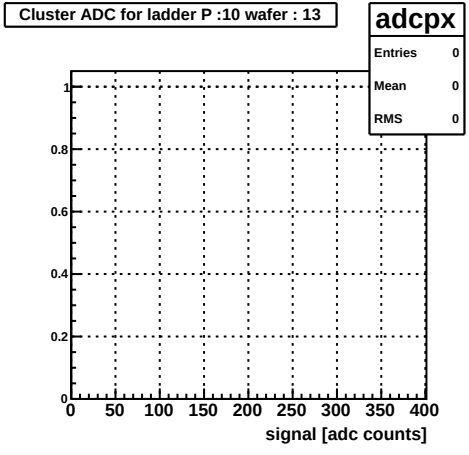

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

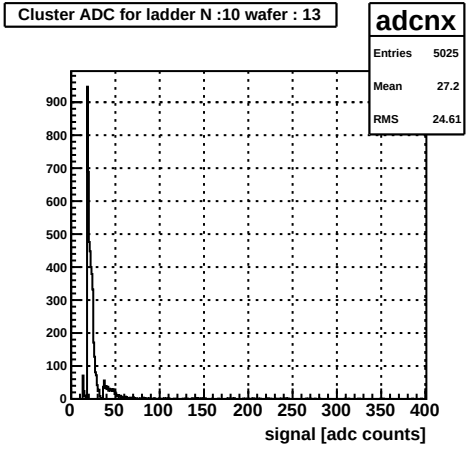

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1988
Mean 26.85
RMS 36.02
signal [adc counts]

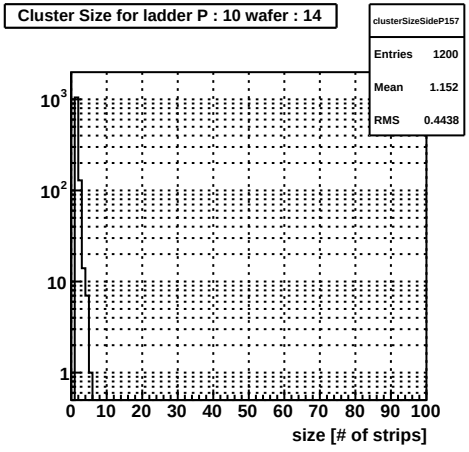

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

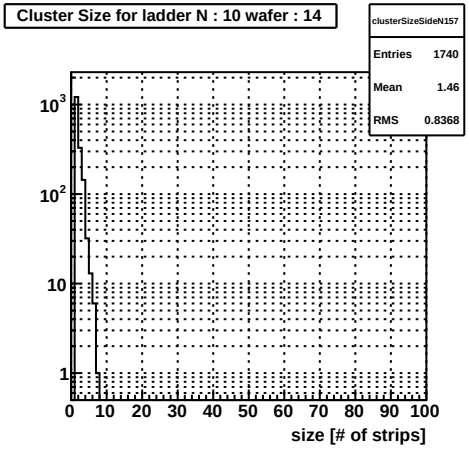

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5025
Mean 1.134
RMS 0.4134
size [# of strips]

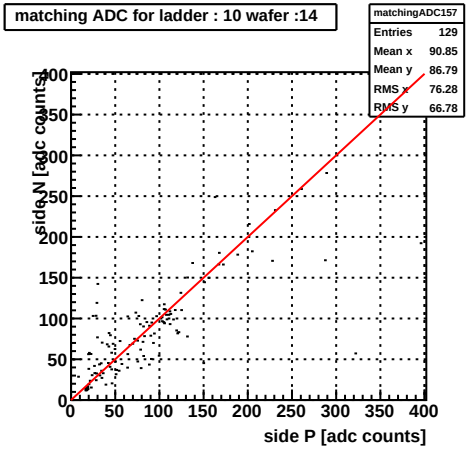

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

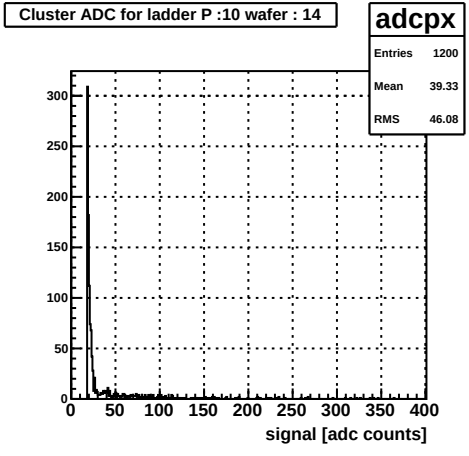

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

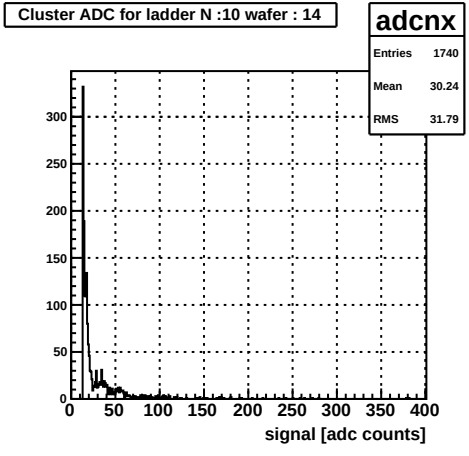

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5025
Mean 27.2
RMS 24.61
signal [adc counts]

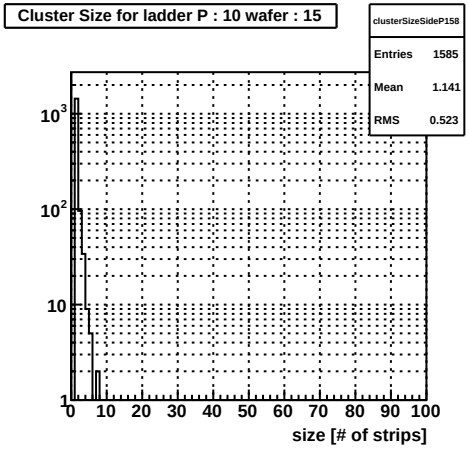

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1200
Mean 1.152
RMS 0.4438
size [# of strips]

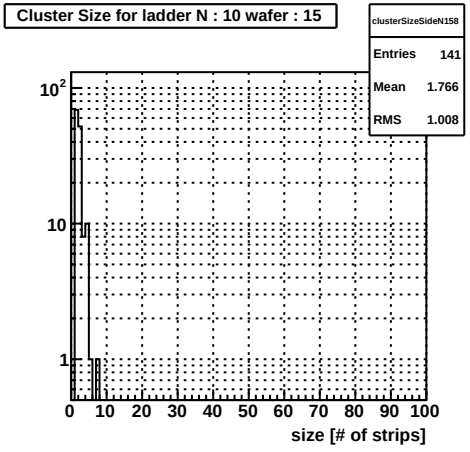

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1740
Mean 1.46
RMS 0.8368
size [# of strips]

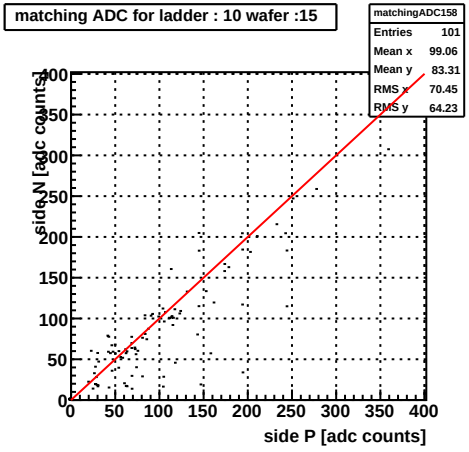

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 129
Mean x 90.85
Mean y 86.79
RMS x 76.28
RMS y 66.78
side N [adc counts]
side P [adc counts]

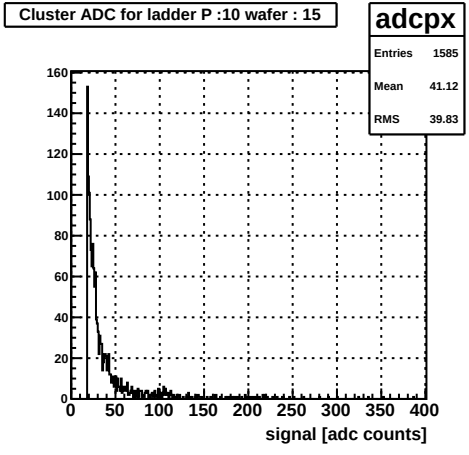

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1200
Mean 39.33
RMS 46.08
signal [adc counts]

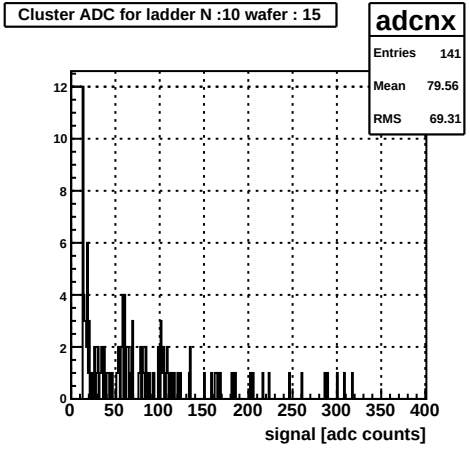

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1740
Mean 30.24
RMS 31.79
signal [adc counts]

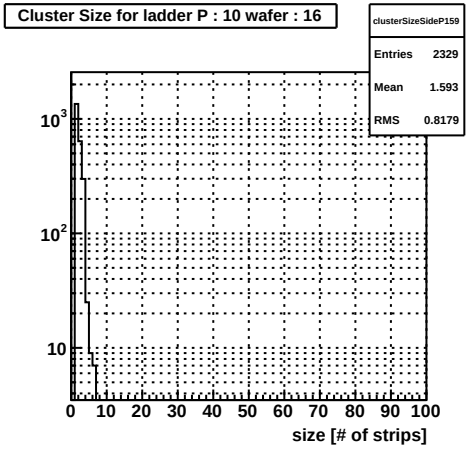

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1585
Mean 1.141
RMS 0.523
size [# of strips]

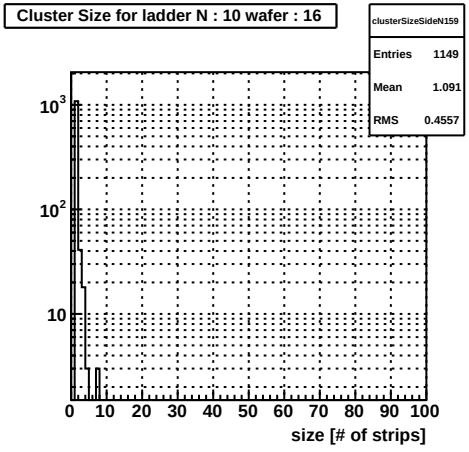

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 141
Mean 1.766
RMS 1.008
size [# of strips]

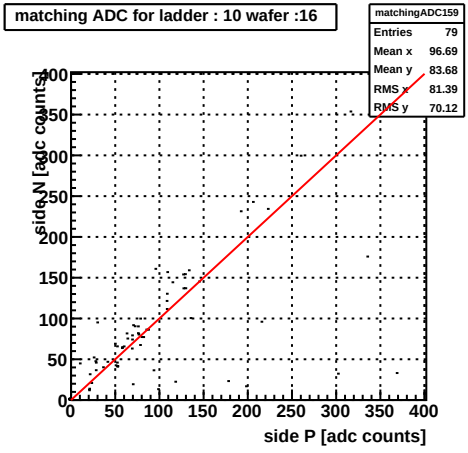

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 101
Mean x 99.06
Mean y 83.31
RMS x 70.45
RMS y 64.23
side N [adc counts]
side P [adc counts]

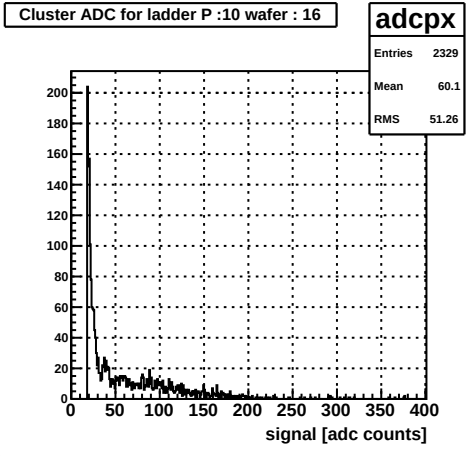

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1585
Mean 41.12
RMS 39.83
signal [adc counts]

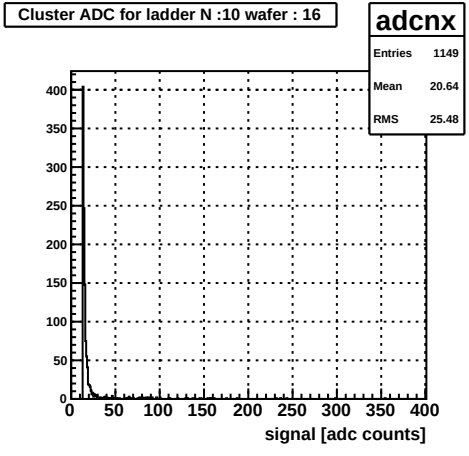

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 141
Mean 79.56
RMS 69.31
signal [adc counts]

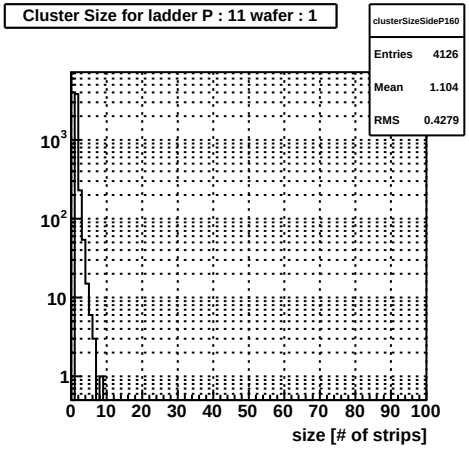

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2329
Mean 1.593
RMS 0.8179
size [# of strips]

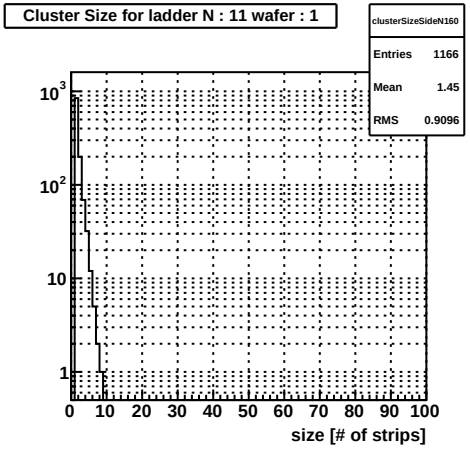

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1149
Mean 1.091
RMS 0.4557
size [# of strips]

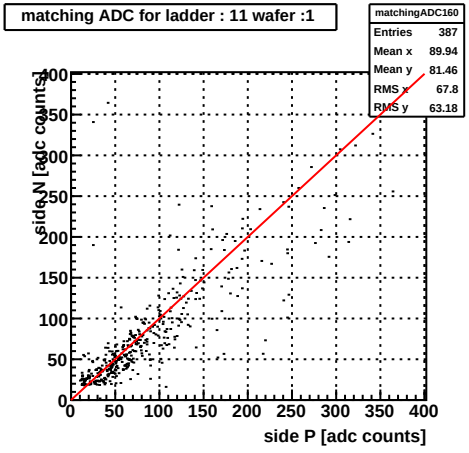

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 79
Mean x 96.69
Mean y 83.68
RMS x 81.39
RMS y 70.12
side N [adc counts]
side P [adc counts]

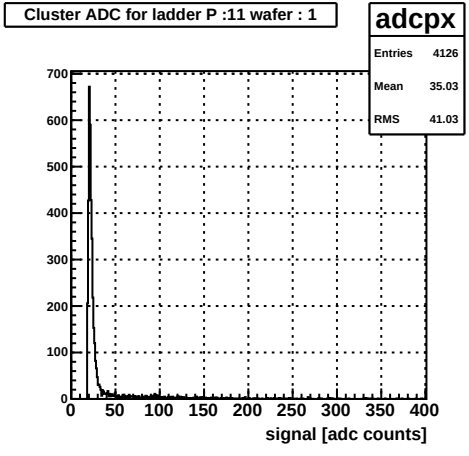

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2329
Mean 60.1
RMS 51.26
signal [adc counts]

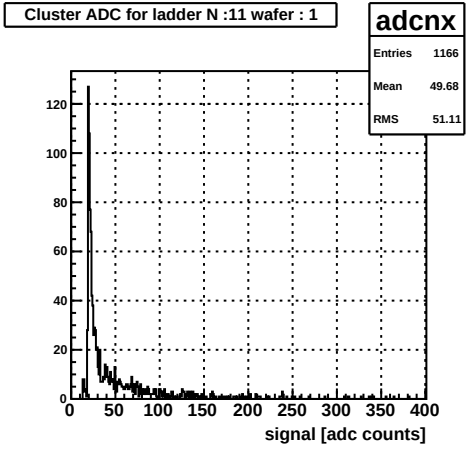

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1149
Mean 20.64
RMS 25.48
signal [adc counts]

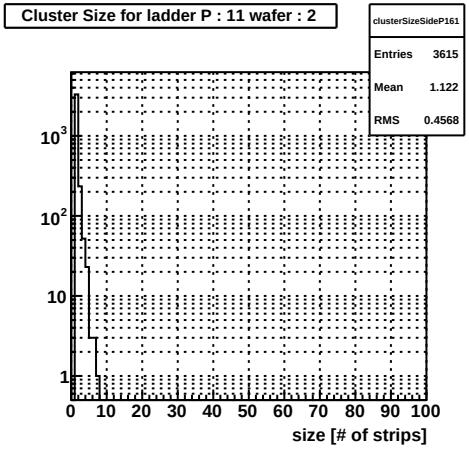

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4126
Mean 1.104
RMS 0.4279
size [# of strips]

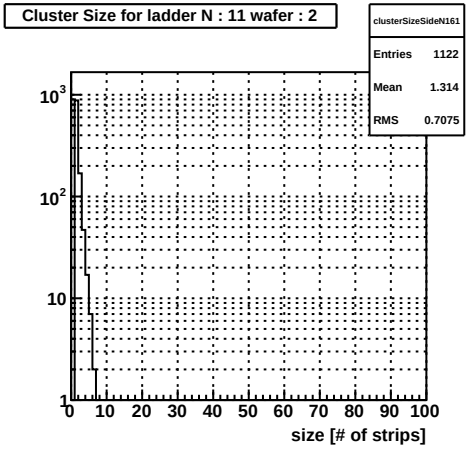

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1166
Mean 1.45
RMS 0.9096
size [# of strips]

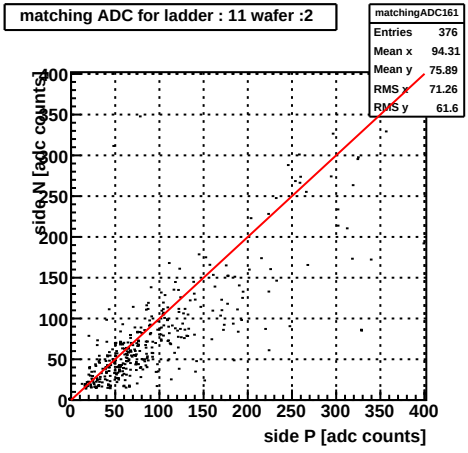

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 387
Mean x 89.94
Mean y 81.46
RMS x 67.8
RMS y 63.18
side N [adc counts]
side P [adc counts]

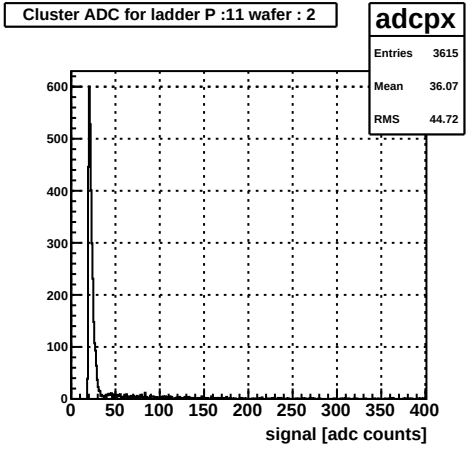

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4126
Mean 35.03
RMS 41.03
signal [adc counts]

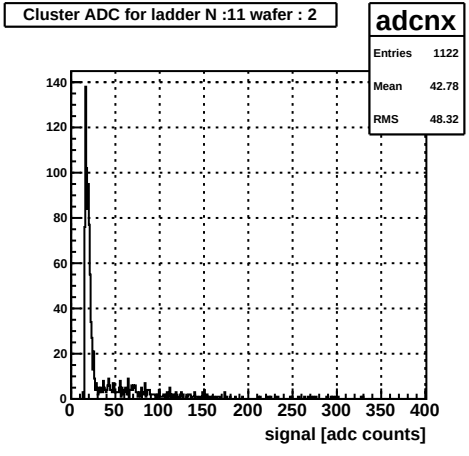

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1166
Mean 49.68
RMS 51.11
signal [adc counts]

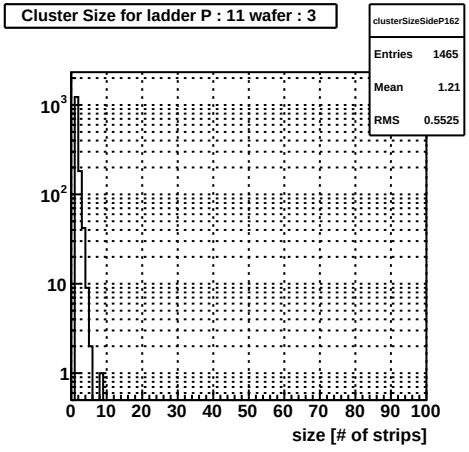

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3615
Mean 1.122
RMS 0.4568
size [# of strips]

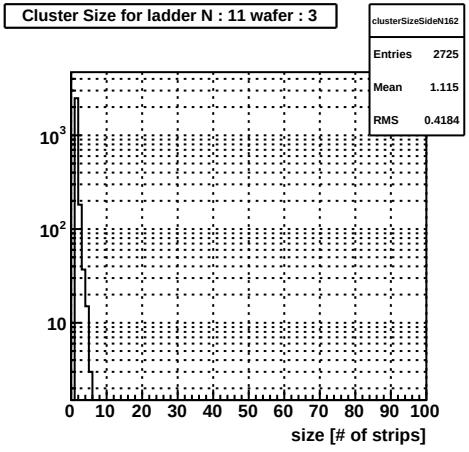

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1122
Mean 1.314
RMS 0.7075
size [# of strips]

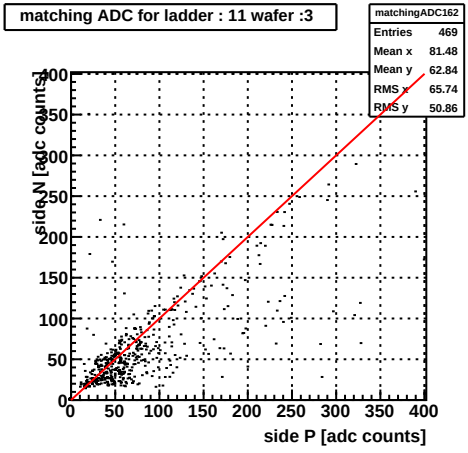

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 376
Mean x 94.31
Mean y 75.89
RMS x 71.26
RMS y 61.6
side N [adc counts]
side P [adc counts]

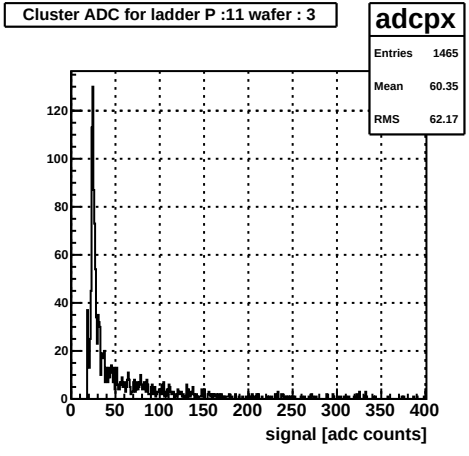

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3615
Mean 36.07
RMS 44.72
signal [adc counts]

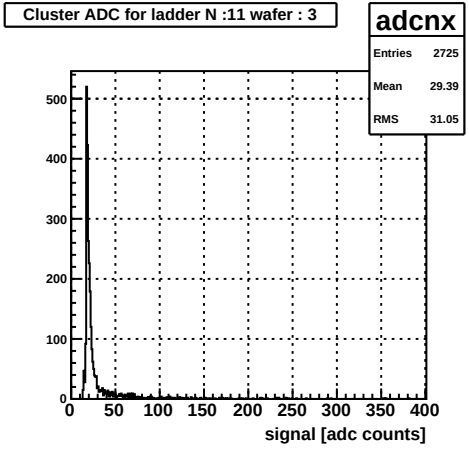

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1122
Mean 42.78
RMS 48.32
signal [adc counts]

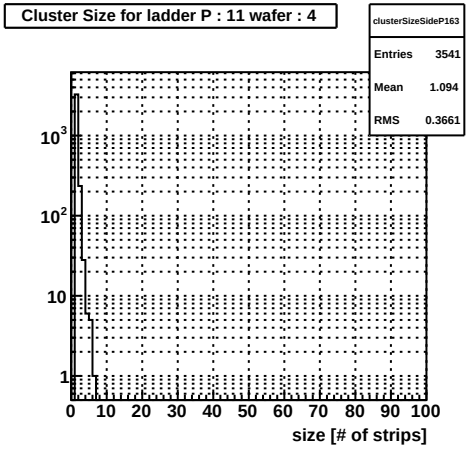

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1465
Mean 1.21
RMS 0.5525
size [# of strips]

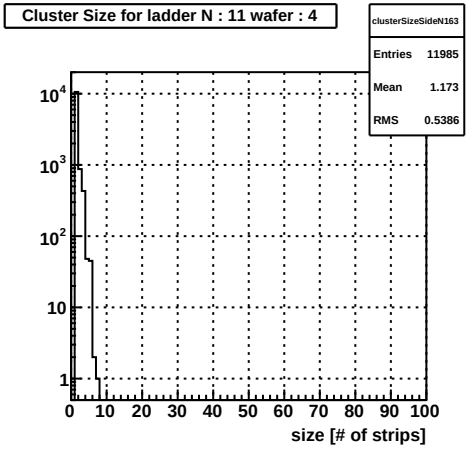

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2725
Mean 1.115
RMS 0.4184
size [# of strips]

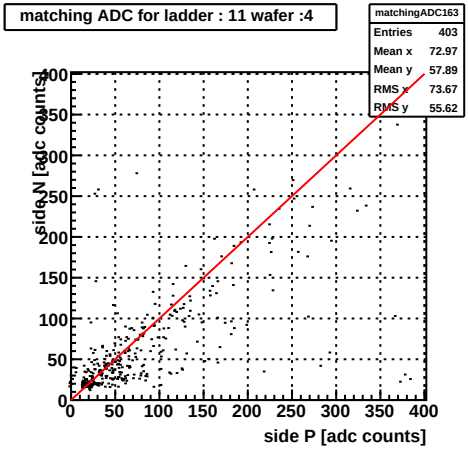

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 469
Mean x 81.48
Mean y 62.84
RMS x 65.74
RMS y 50.86
side N [adc counts]
side P [adc counts]

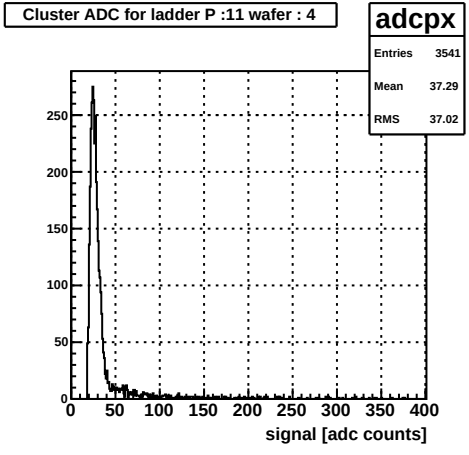

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1465
Mean 60.35
RMS 62.17
signal [adc counts]

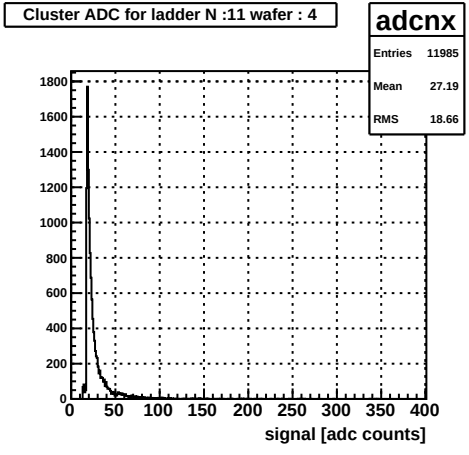

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2725
Mean 29.39
RMS 31.05
signal [adc counts]

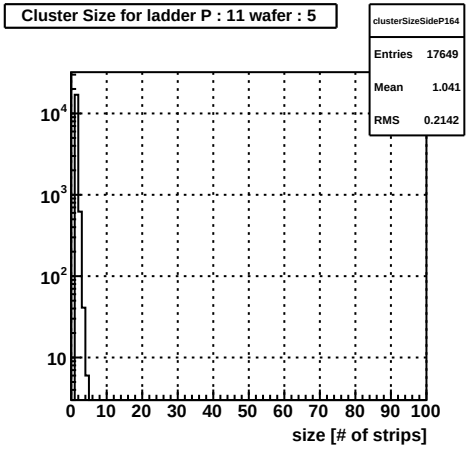

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3541
Mean 1.094
RMS 0.3661
size [# of strips]

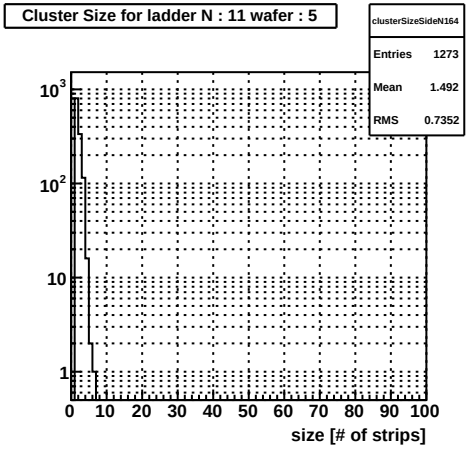

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 11985
Mean 1.173
RMS 0.5386
size [# of strips]

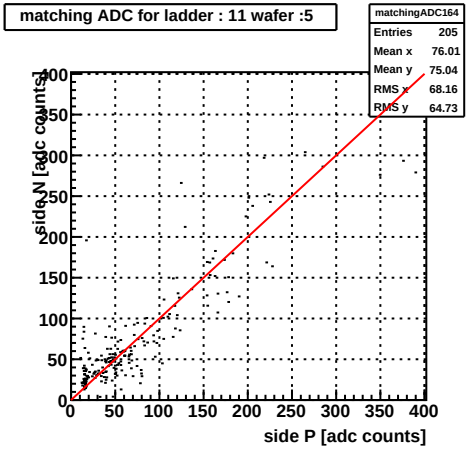

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 403
Mean x 72.97
Mean y 57.89
RMS x 73.67
RMS y 55.62
side N [adc counts]
side P [adc counts]

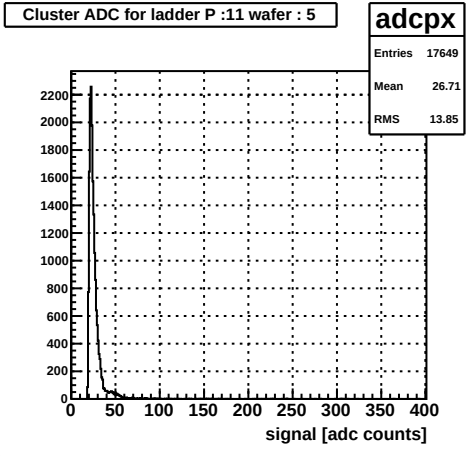

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3541
Mean 37.29
RMS 37.02
signal [adc counts]

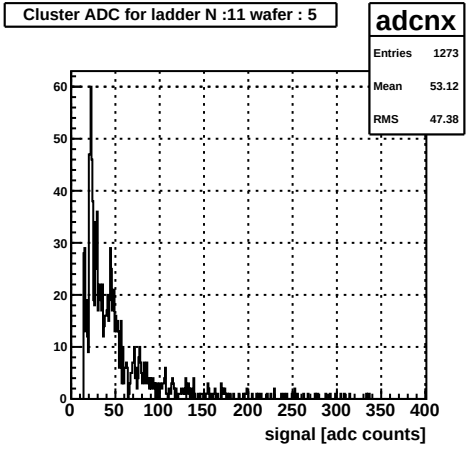

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 11985
Mean 27.19
RMS 18.66
signal [adc counts]

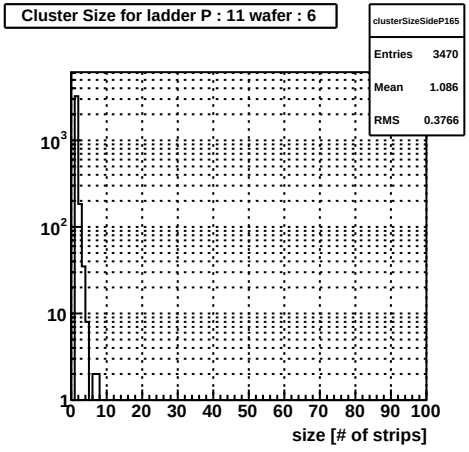

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 17649
Mean 1.041
RMS 0.2142
size [# of strips]

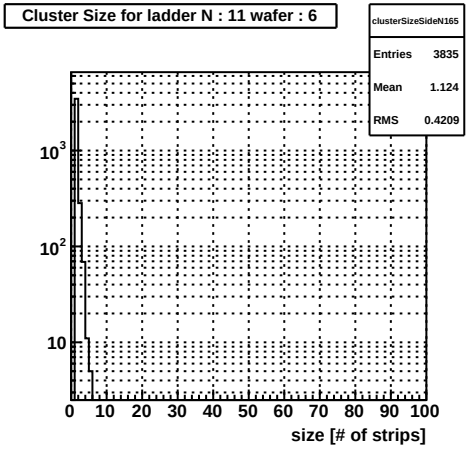

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1273
Mean 1.492
RMS 0.7352
size [# of strips]

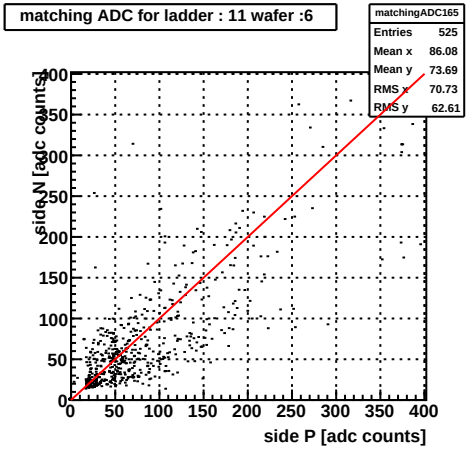

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 205
Mean x 76.01
Mean y 75.04
RMS x 68.16
RMS y 64.73
side N [adc counts]
side P [adc counts]

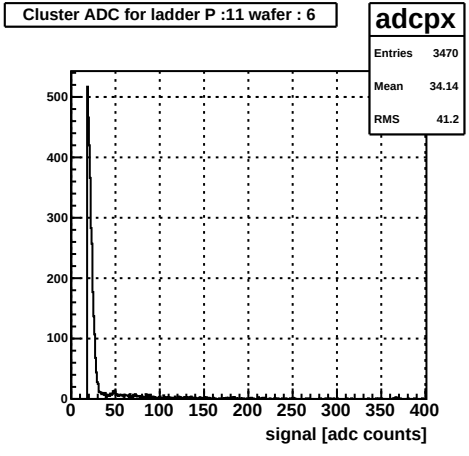

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 17649
Mean 26.71
RMS 13.85
signal [adc counts]

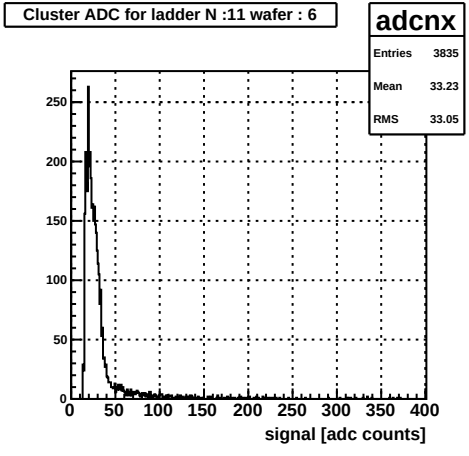

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1273
Mean 53.12
RMS 47.38
signal [adc counts]

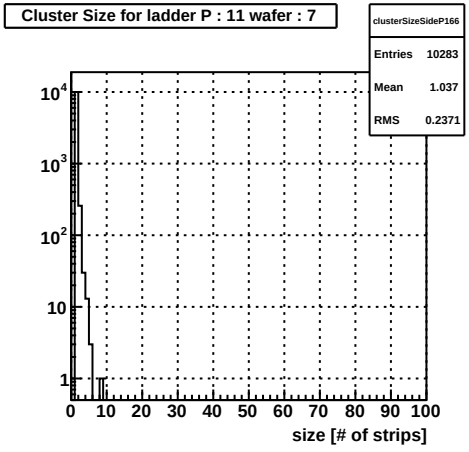

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3470
Mean 1.086
RMS 0.3766
size [# of strips]

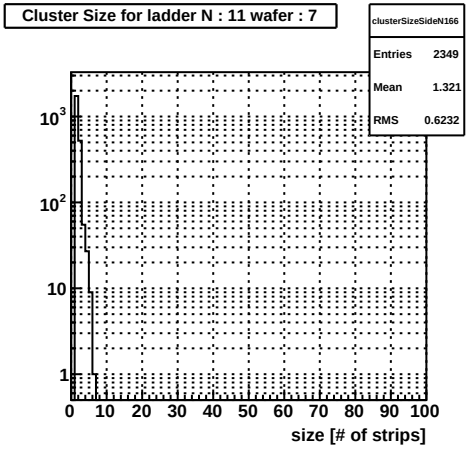

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3835
Mean 1.124
RMS 0.4209
size [# of strips]

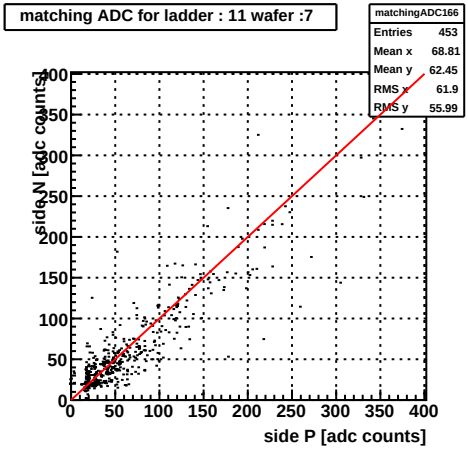

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 525
Mean x 86.08
Mean y 73.69
RMS x 70.73
RMS y 62.61
side N [adc counts]
side P [adc counts]

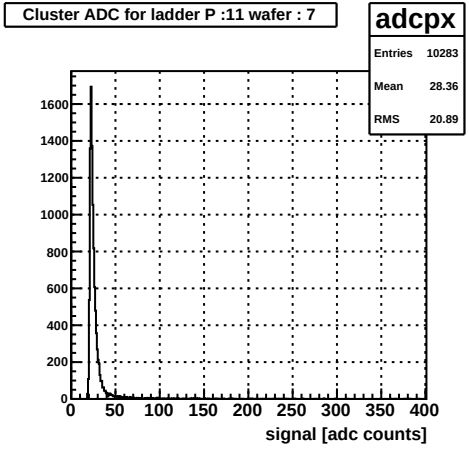

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3470
Mean 34.14
RMS 41.2
signal [adc counts]

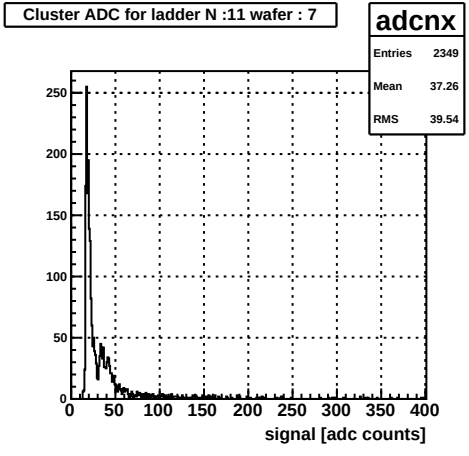

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3835
Mean 33.23
RMS 33.05
signal [adc counts]

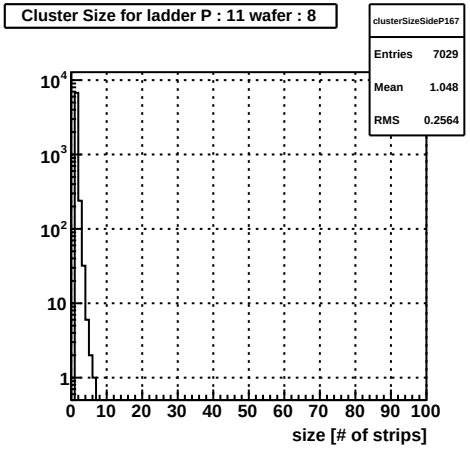

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 10283
Mean 1.037
RMS 0.2371
size [# of strips]

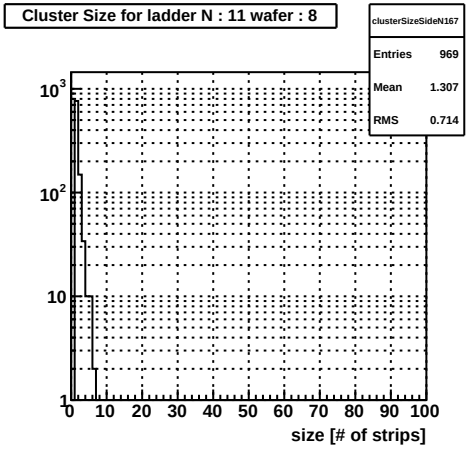

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2349
Mean 1.321
RMS 0.6232
size [# of strips]

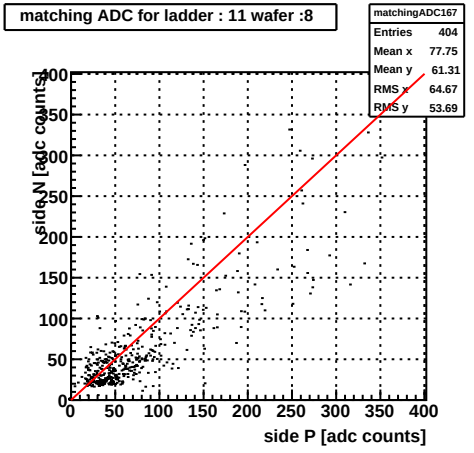

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 453
Mean x 68.81
Mean y 62.45
RMS x 61.9
RMS y 55.99
side N [adc counts]
side P [adc counts]

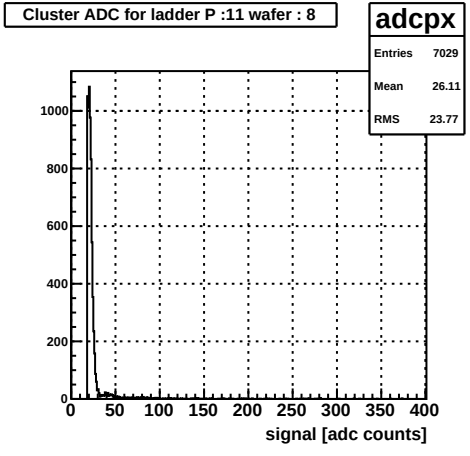

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 10283
Mean 28.36
RMS 20.89
signal [adc counts]

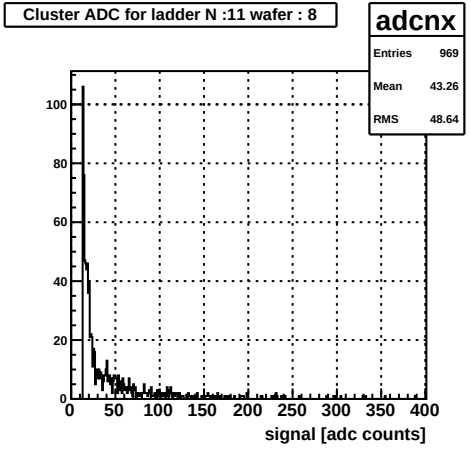

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2349
Mean 37.26
RMS 39.54
signal [adc counts]

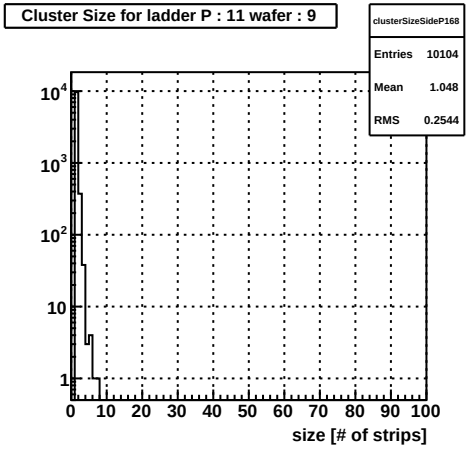

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7029
Mean 1.048
RMS 0.2564
size [# of strips]

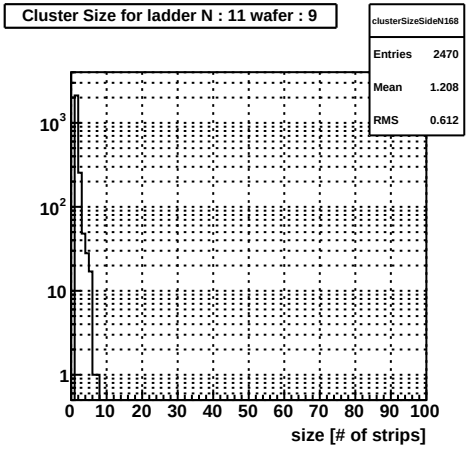

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 969
Mean 1.307
RMS 0.714
size [# of strips]

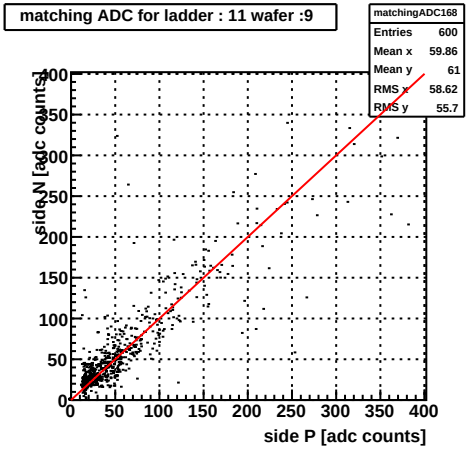

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 404
Mean x 77.75
Mean y 61.31
RMS x 64.67
RMS y 53.69
side N [adc counts]
side P [adc counts]

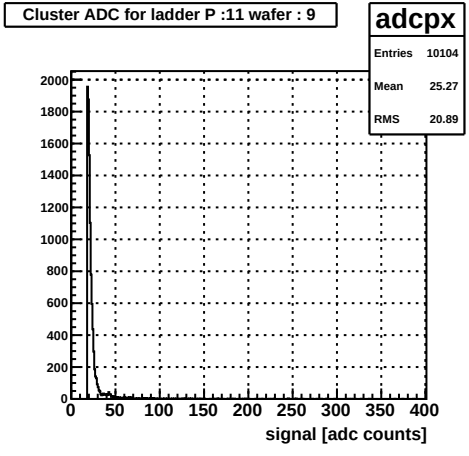

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7029
Mean 26.11
RMS 23.77
signal [adc counts]

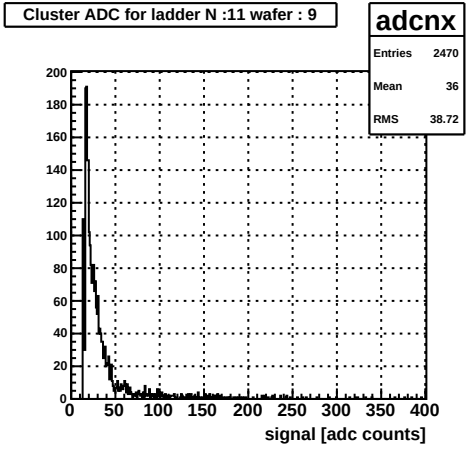

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 969
Mean 43.26
RMS 48.64
signal [adc counts]

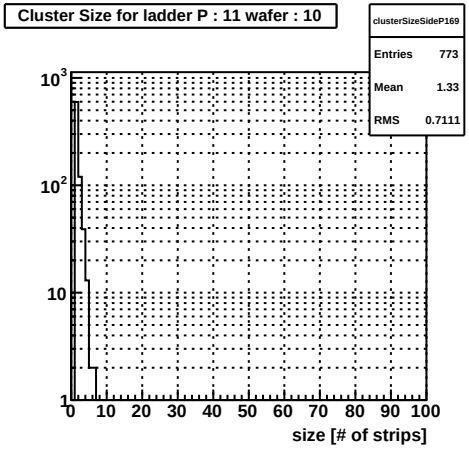

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10104
Mean 1.048
RMS 0.2544
size [# of strips]

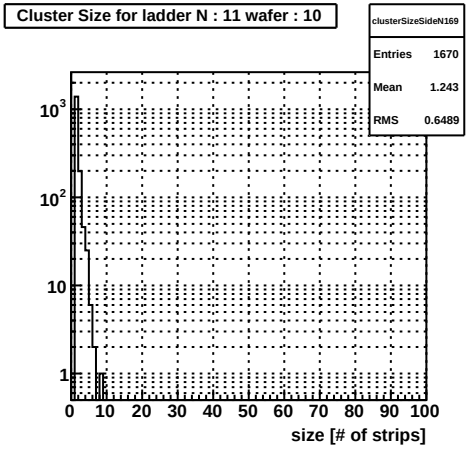

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2470
Mean 1.208
RMS 0.612
size [# of strips]

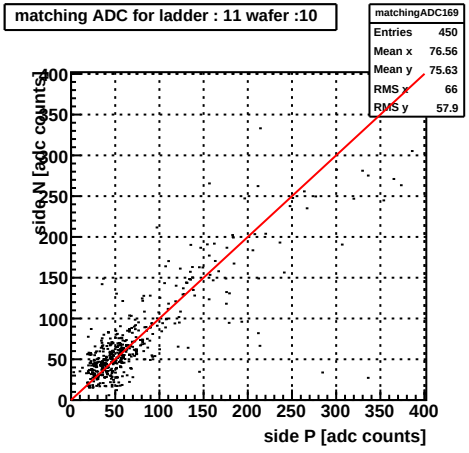

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 600
Mean x 59.86
Mean y 61
RMS x 58.62
RMS y 55.7
side N [adc counts]
side P [adc counts]

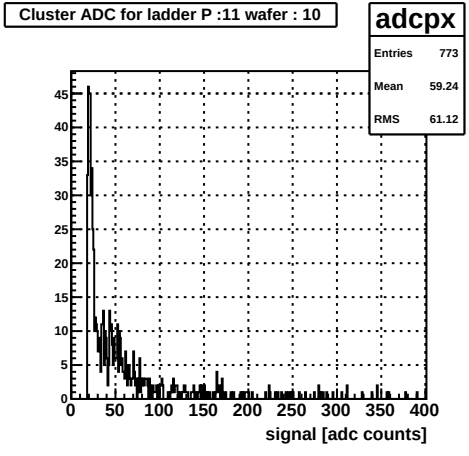

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10104
Mean 25.27
RMS 20.89
signal [adc counts]

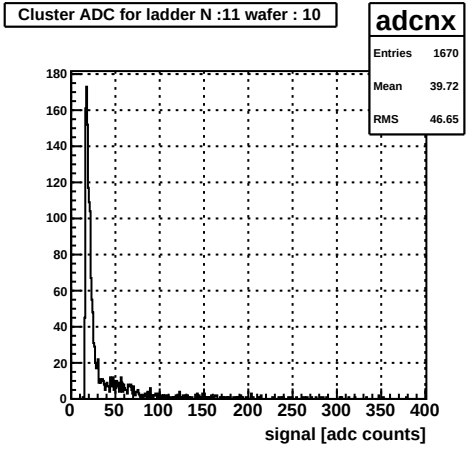

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2470
Mean 36
RMS 38.72
signal [adc counts]

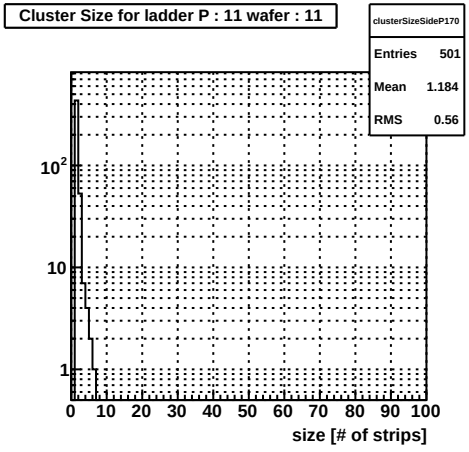

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 773
Mean 1.33
RMS 0.7111
size [# of strips]

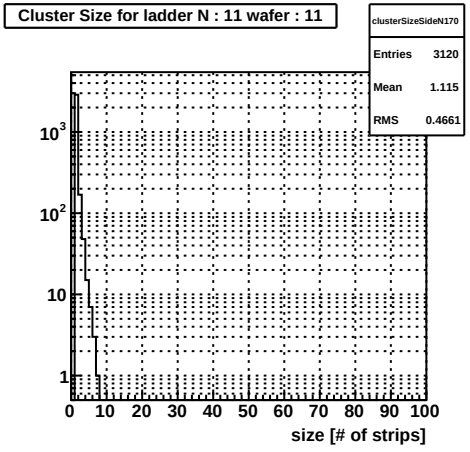

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1670
Mean 1.243
RMS 0.6489
size [# of strips]

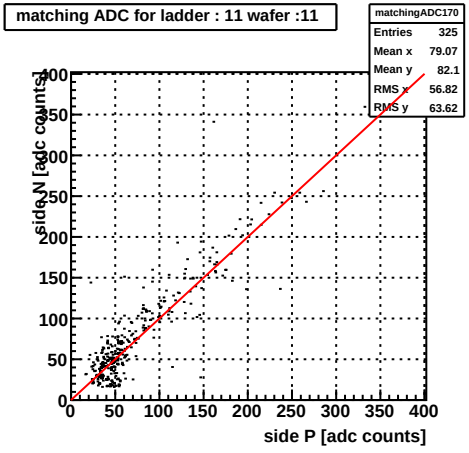

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 450
Mean x 76.56
Mean y 75.63
RMS x 66
RMS y 57.9
side N [adc counts]
side P [adc counts]

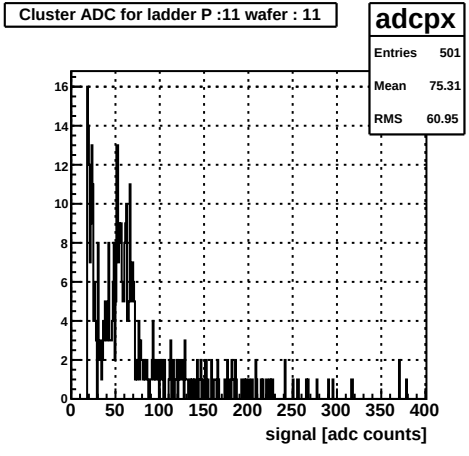

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 773
Mean 59.24
RMS 61.12
signal [adc counts]

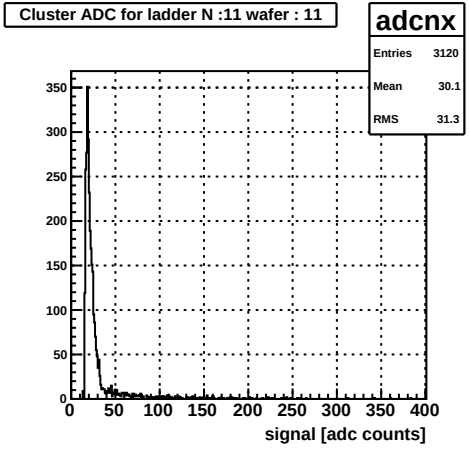

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1670
Mean 39.72
RMS 46.65
signal [adc counts]

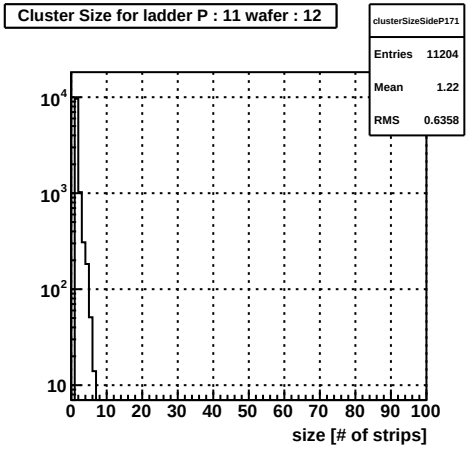

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 501
Mean 1.184
RMS 0.56
size [# of strips]

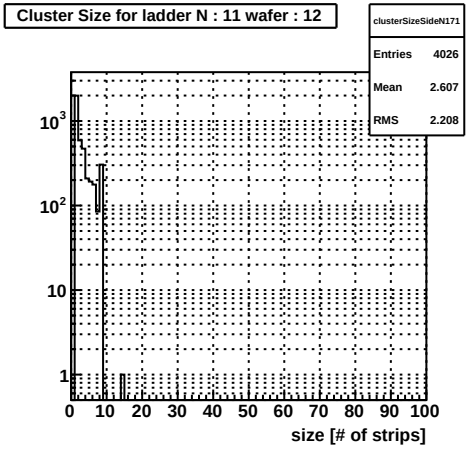

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3120
Mean 1.115
RMS 0.4661
size [# of strips]

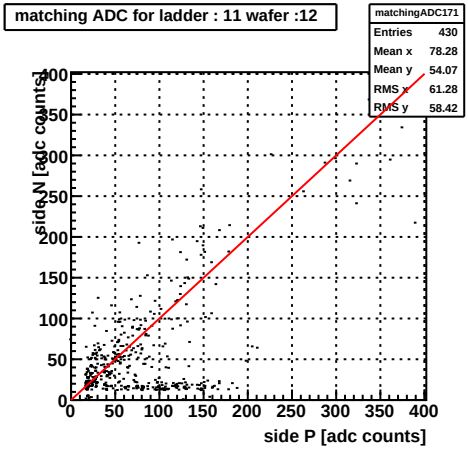

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 325
Mean x 79.07
Mean y 82.1
RMS x 56.82
RMS y 63.62
side N [adc counts]
side P [adc counts]

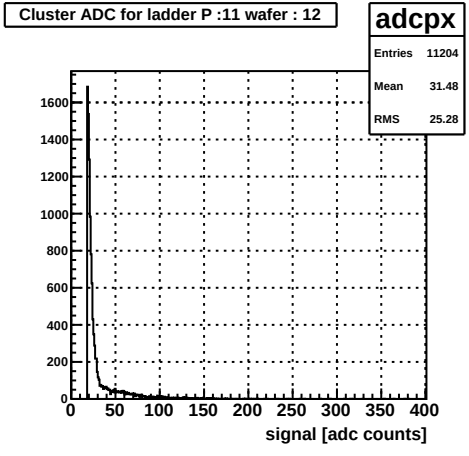

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 501
Mean 75.31
RMS 60.95
signal [adc counts]

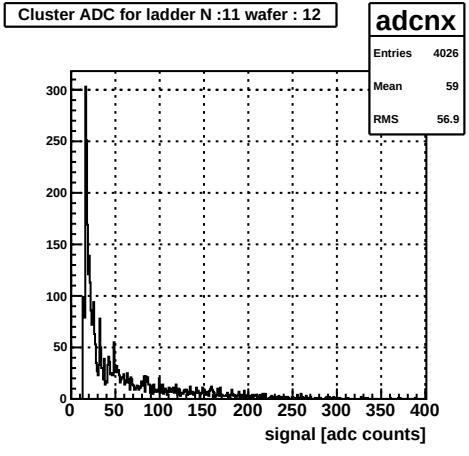

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3120
Mean 30.1
RMS 31.3
signal [adc counts]

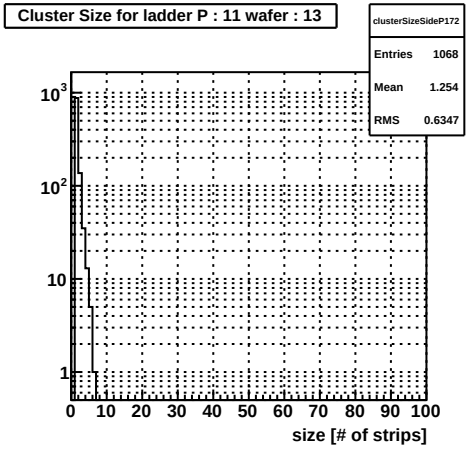

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11204
Mean 1.22
RMS 0.6358
size [# of strips]

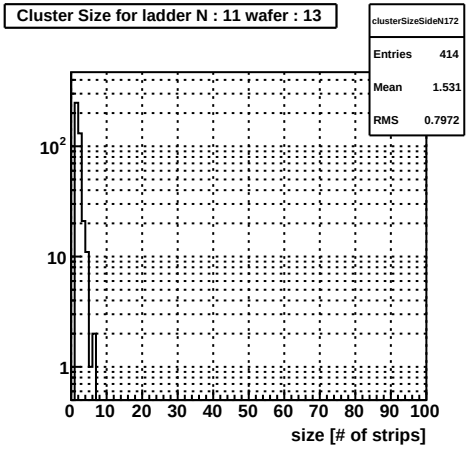

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4026
Mean 2.607
RMS 2.208
size [# of strips]

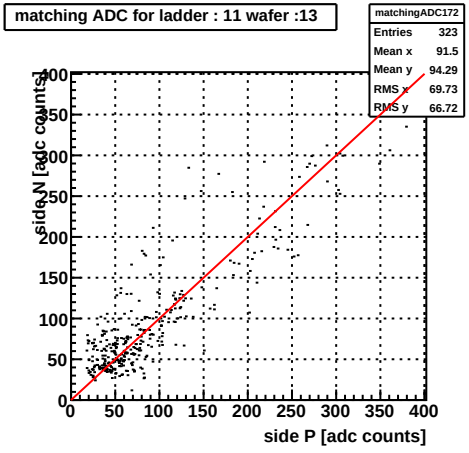

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 430
Mean x 78.28
Mean y 54.07
RMS x 61.28
RMS y 58.42
side N [adc counts]
side P [adc counts]

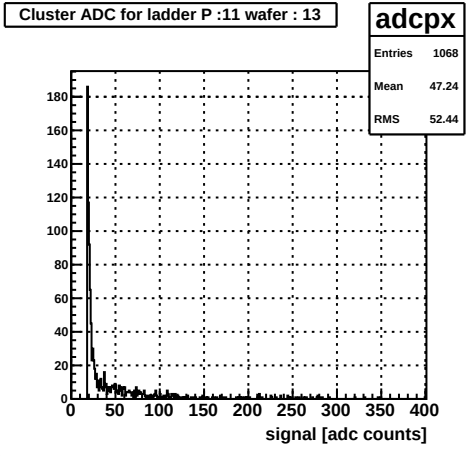

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11204
Mean 31.48
RMS 25.28
signal [adc counts]

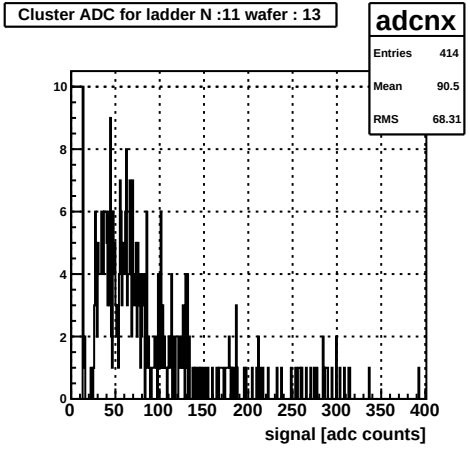

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4026
Mean 59
RMS 56.9
signal [adc counts]

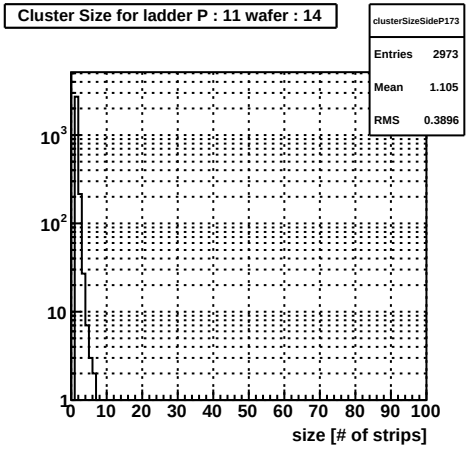

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1068
Mean 1.254
RMS 0.6347
size [# of strips]

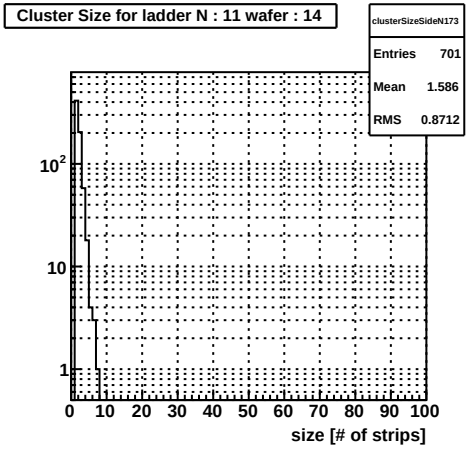

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 414
Mean 1.531
RMS 0.7972
size [# of strips]

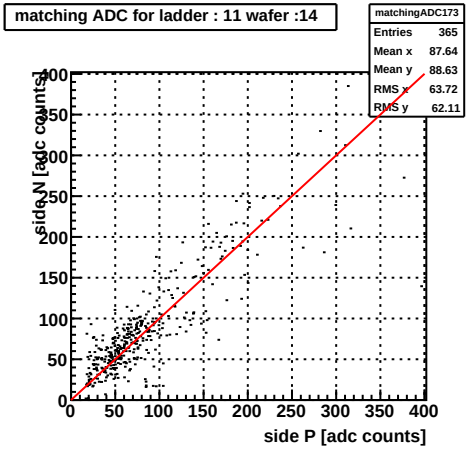

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 323
Mean x 91.5
Mean y 94.29
RMS x 69.73
RMS y 66.72
side N [adc counts]
side P [adc counts]

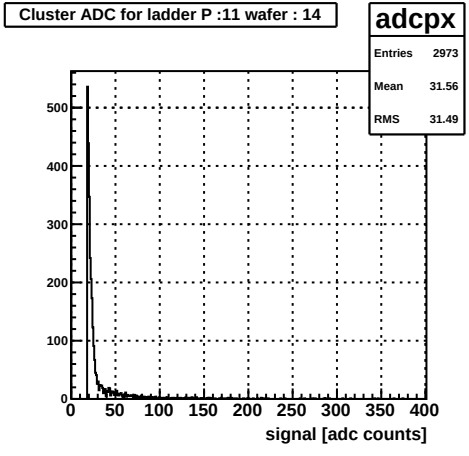

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1068
Mean 47.24
RMS 52.44
signal [adc counts]

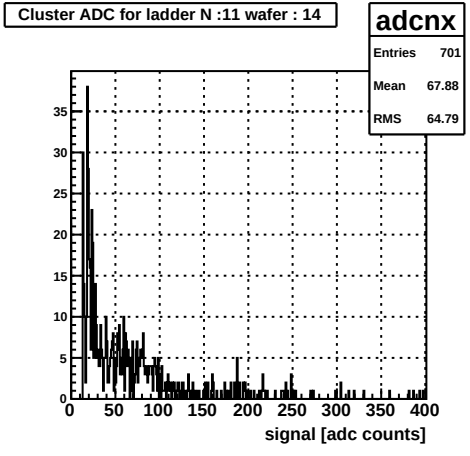

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 414
Mean 90.5
RMS 68.31
signal [adc counts]

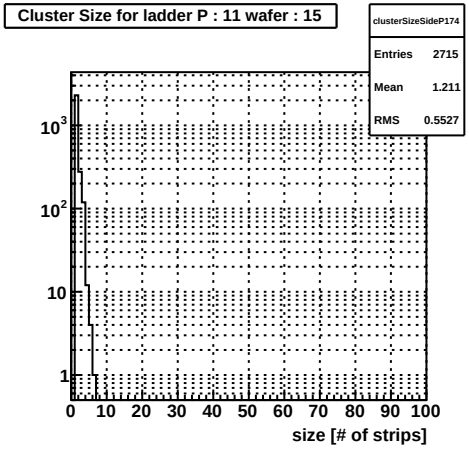

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2973
Mean 1.105
RMS 0.3896
size [# of strips]

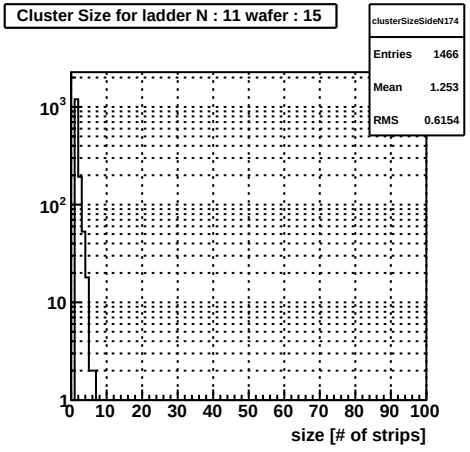

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 701
Mean 1.586
RMS 0.8712
size [# of strips]

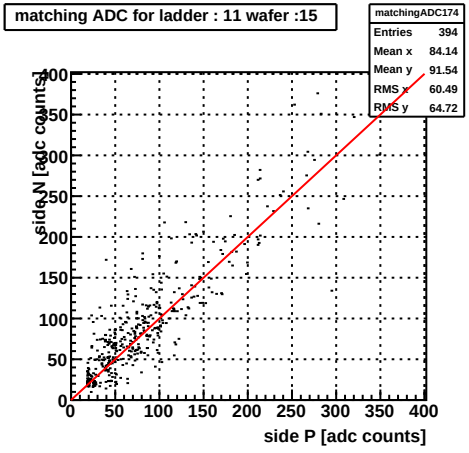

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 365
Mean x 87.64
Mean y 88.63
RMS x 63.72
RMS y 62.11
side N [adc counts]
side P [adc counts]

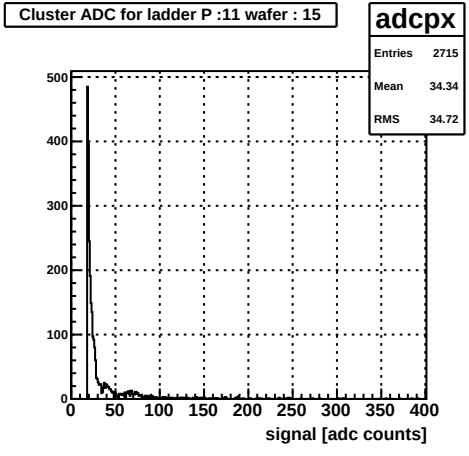

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2973
Mean 31.56
RMS 31.49
signal [adc counts]

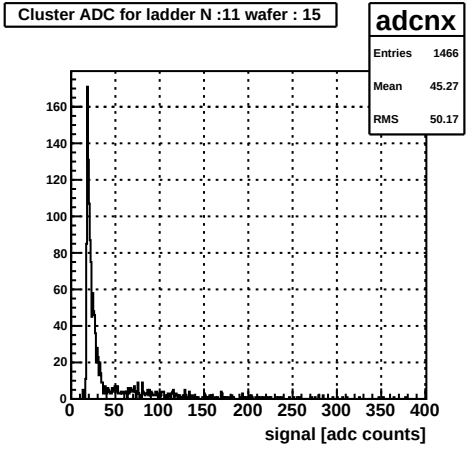

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 701
Mean 67.88
RMS 64.79
signal [adc counts]

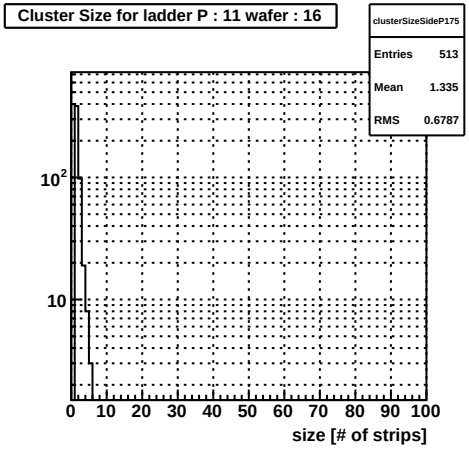

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2715
Mean 1.211
RMS 0.5527
size [# of strips]

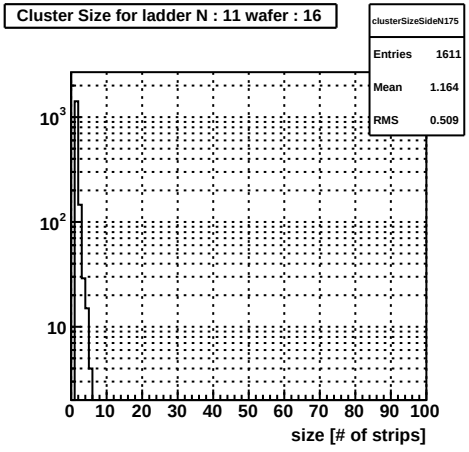

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1466
Mean 1.253
RMS 0.6154
size [# of strips]

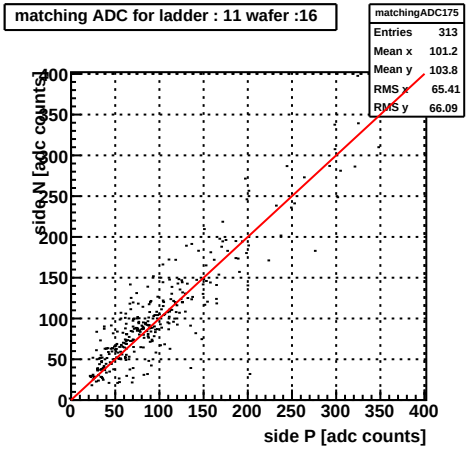

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 394
Mean x 84.14
Mean y 91.54
RMS x 60.49
RMS y 64.72
side N [adc counts]
side P [adc counts]

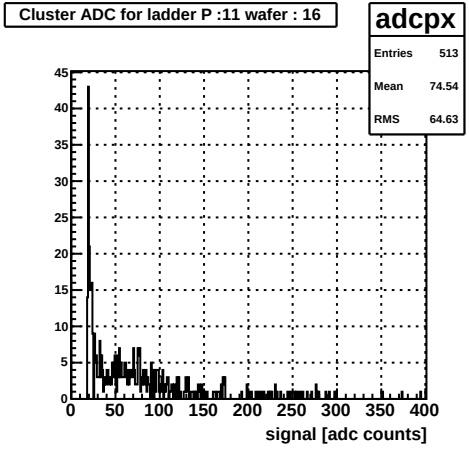

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2715
Mean 34.34
RMS 34.72
signal [adc counts]

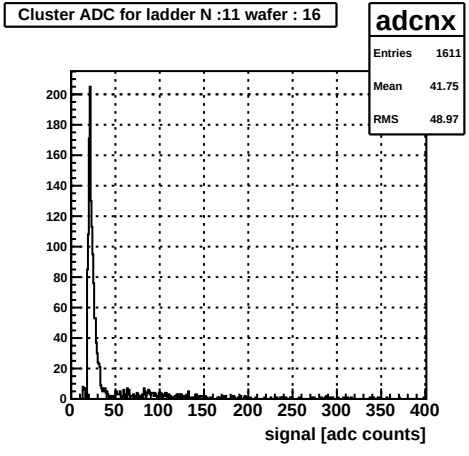

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1466
Mean 45.27
RMS 50.17
signal [adc counts]

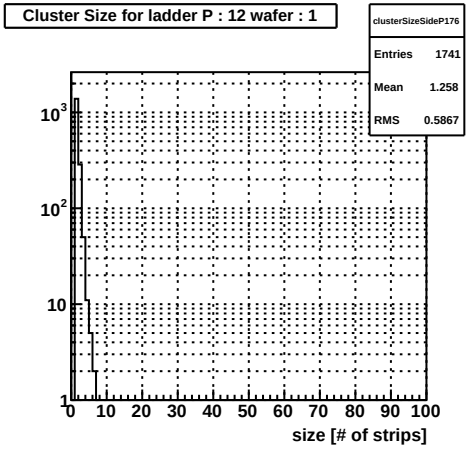

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 513
Mean 1.335
RMS 0.6787
size [# of strips]

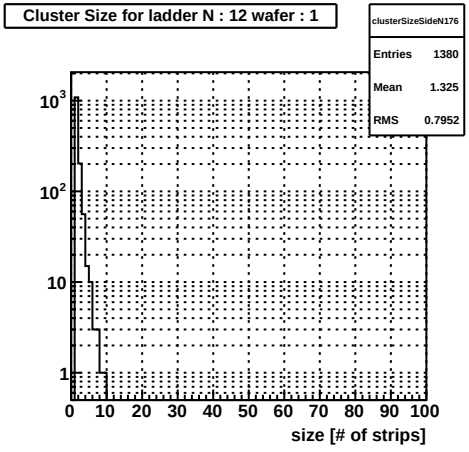

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1611
Mean 1.164
RMS 0.509
size [# of strips]

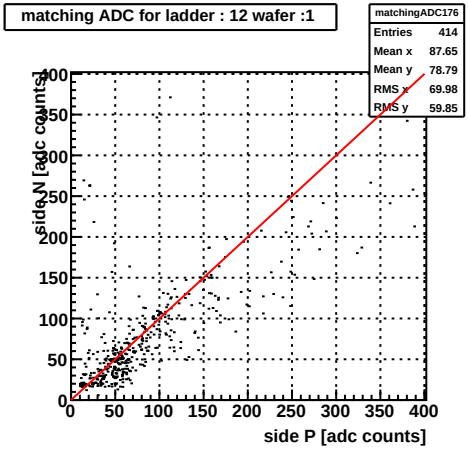

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 313
Mean x 101.2
Mean y 103.8
RMS x 65.41
RMS y 66.09
side N [adc counts]
side P [adc counts]

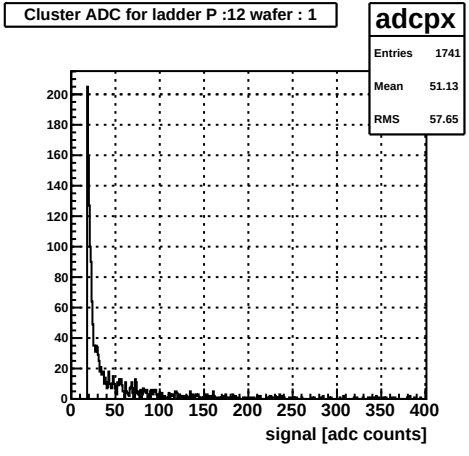

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 513
Mean 74.54
RMS 64.63
signal [adc counts]

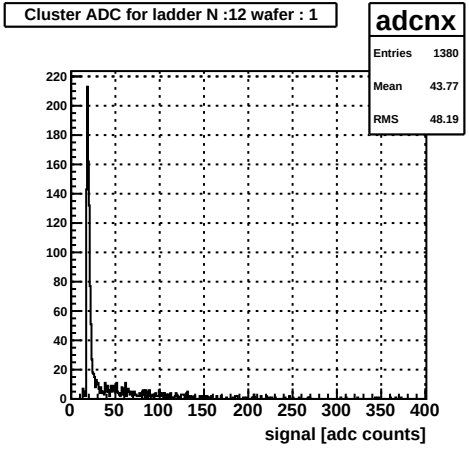

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1611
Mean 41.75
RMS 48.97
signal [adc counts]

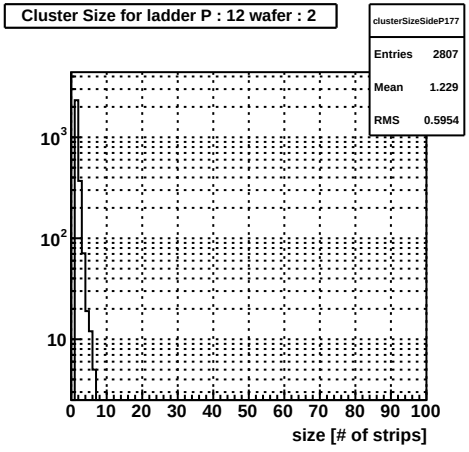

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1741
Mean 1.258
RMS 0.5867
size [# of strips]

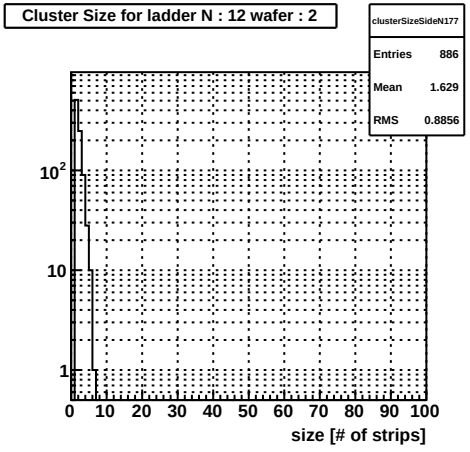

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1380
Mean 1.325
RMS 0.7952
size [# of strips]

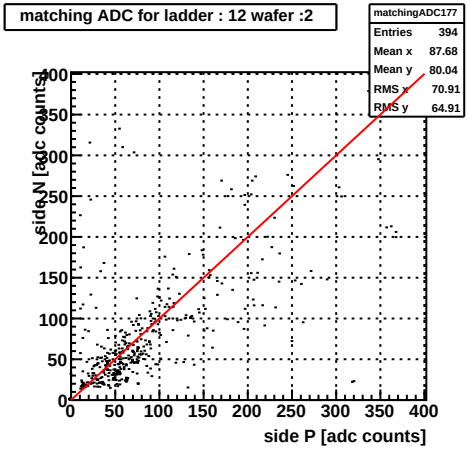

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 414
Mean x 87.65
Mean y 78.79
RMS x 69.98
RMS y 59.85
side N [adc counts]
side P [adc counts]

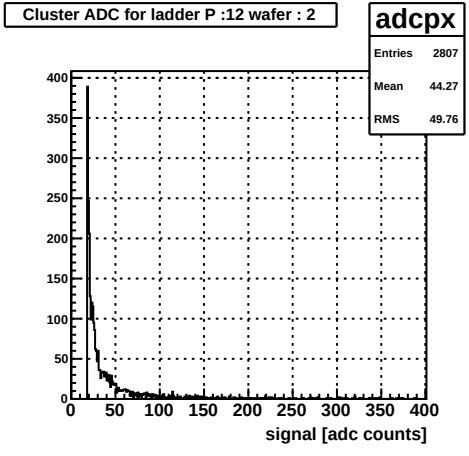

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1741
Mean 51.13
RMS 57.65
signal [adc counts]

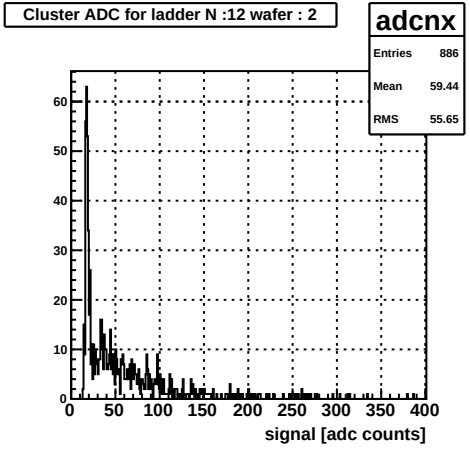

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1380
Mean 43.77
RMS 48.19
signal [adc counts]

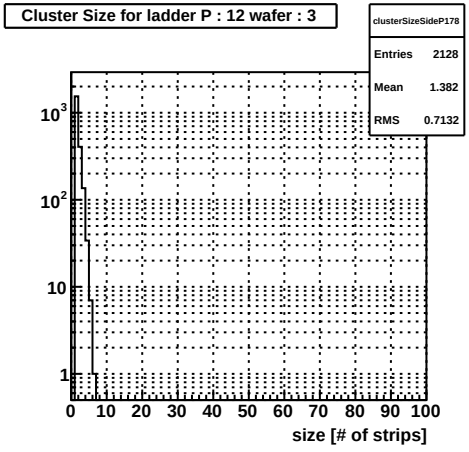

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2807
Mean 1.229
RMS 0.5954
size [# of strips]

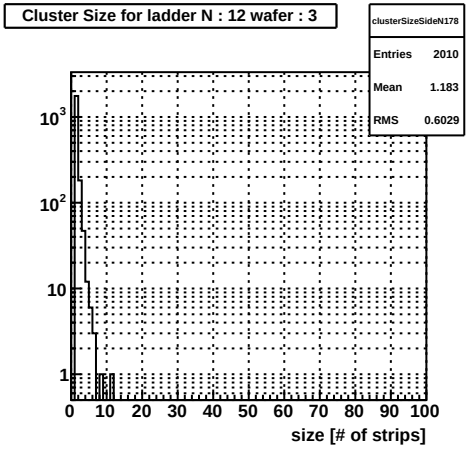

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 886
Mean 1.629
RMS 0.8856
size [# of strips]

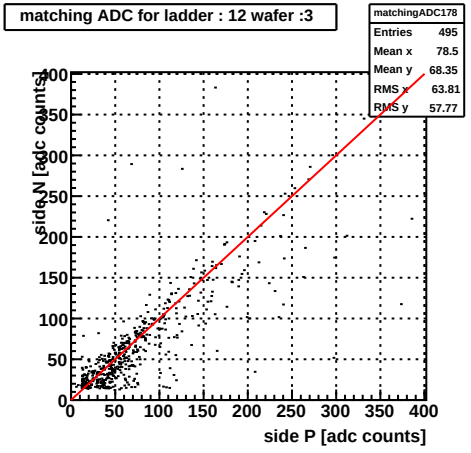

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 394
Mean x 87.68
Mean y 80.04
RMS x 70.91
RMS y 64.91
side N [adc counts]
side P [adc counts]

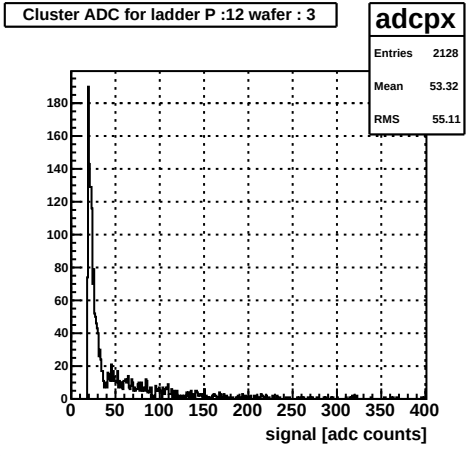

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2807
Mean 44.27
RMS 49.76
signal [adc counts]

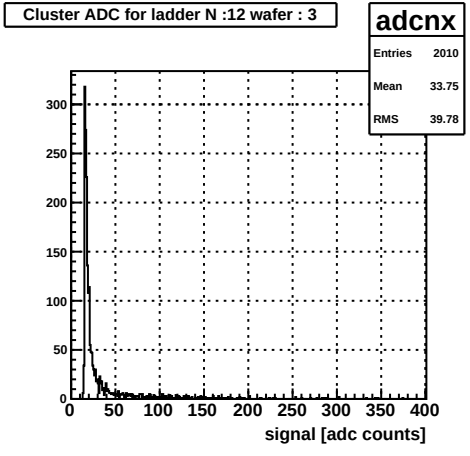

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 886
Mean 59.44
RMS 55.65
signal [adc counts]

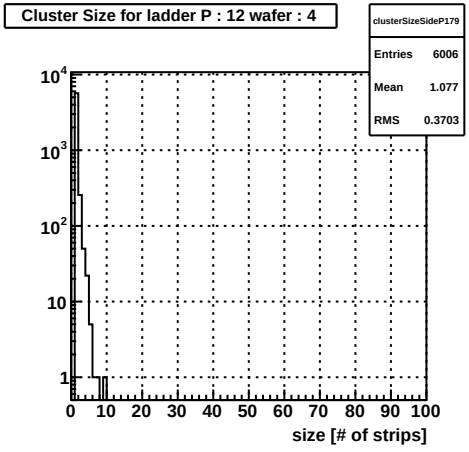

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2128
Mean 1.382
RMS 0.7132
size [# of strips]

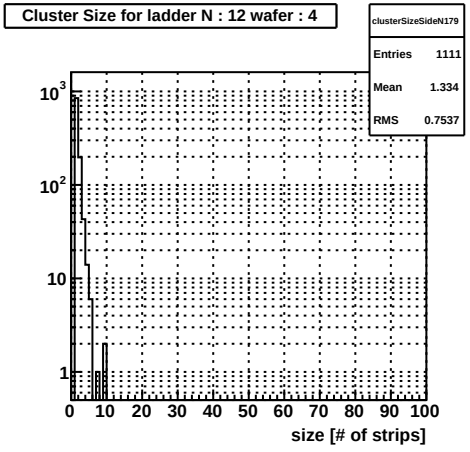

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2010
Mean 1.183
RMS 0.6029
size [# of strips]

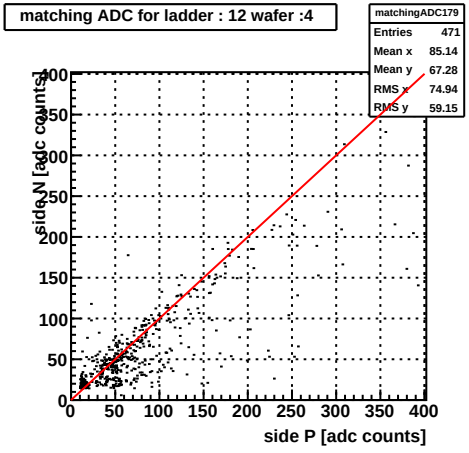

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 495
Mean x 78.5
Mean y 68.35
RMS x 63.81
RMS y 57.77
side N [adc counts]
side P [adc counts]

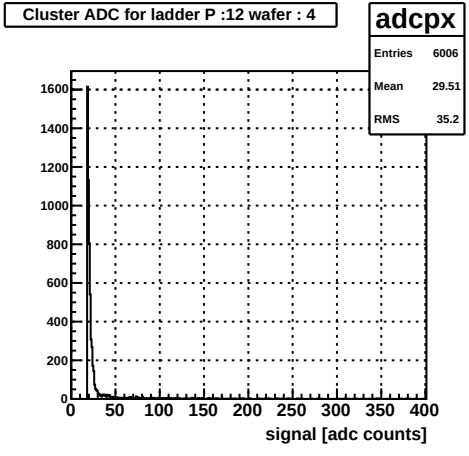

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2128
Mean 53.32
RMS 55.11
signal [adc counts]

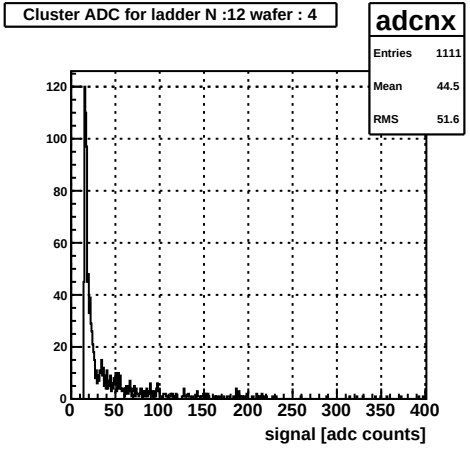

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2010
Mean 33.75
RMS 39.78
signal [adc counts]

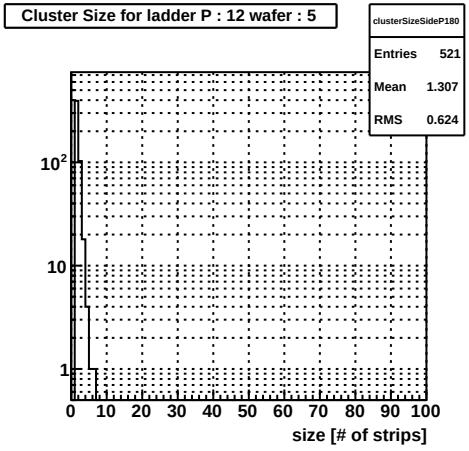

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6006
Mean 1.077
RMS 0.3703
size [# of strips]

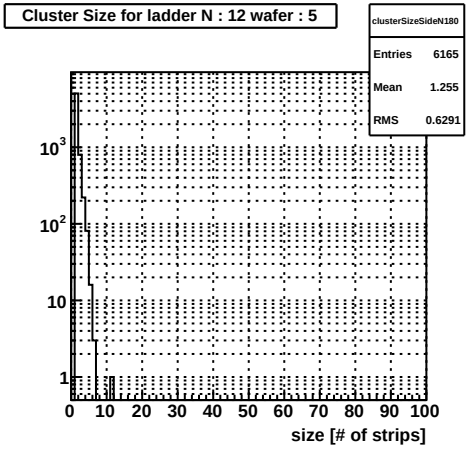

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1111
Mean 1.334
RMS 0.7537
size [# of strips]

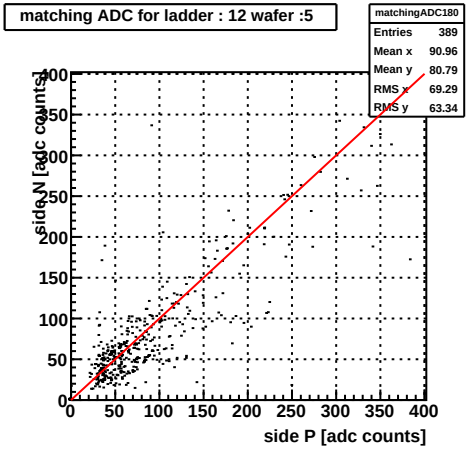

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 471
Mean x 85.14
Mean y 67.28
RMS x 74.94
RMS y 59.15
side N [adc counts]
side P [adc counts]

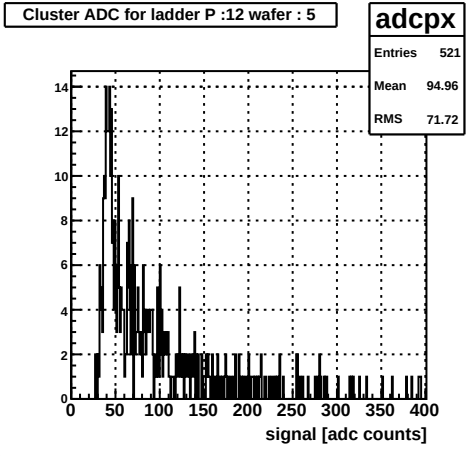

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6006
Mean 29.51
RMS 35.2
signal [adc counts]

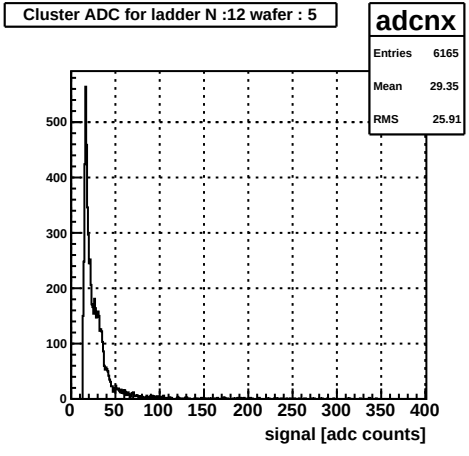

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1111
Mean 44.5
RMS 51.6
signal [adc counts]

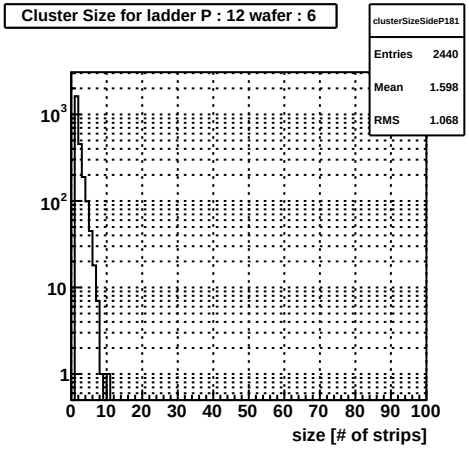

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 521
Mean 1.307
RMS 0.624
size [# of strips]

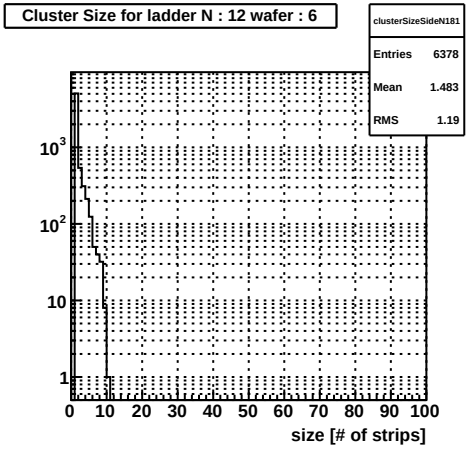

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6165
Mean 1.255
RMS 0.6291
size [# of strips]

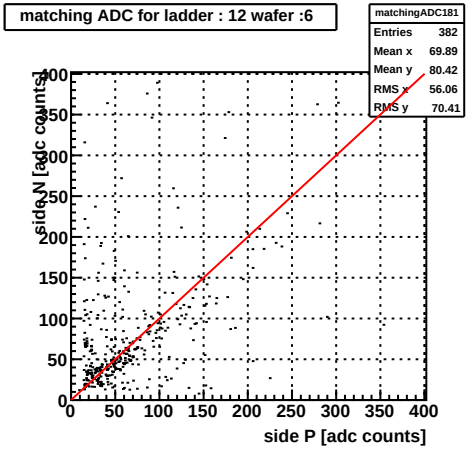

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 389
Mean x 90.96
Mean y 80.79
RMS x 69.29
RMS y 63.34
side N [adc counts]
side P [adc counts]

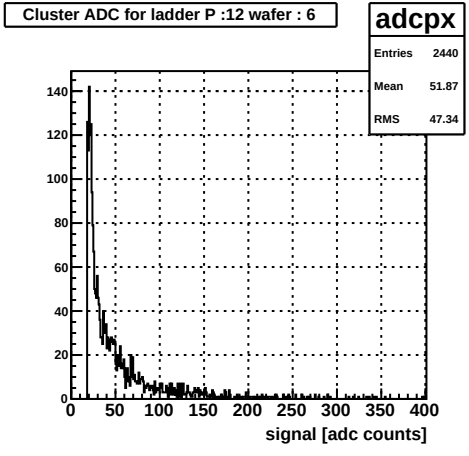

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 521
Mean 94.96
RMS 71.72
signal [adc counts]

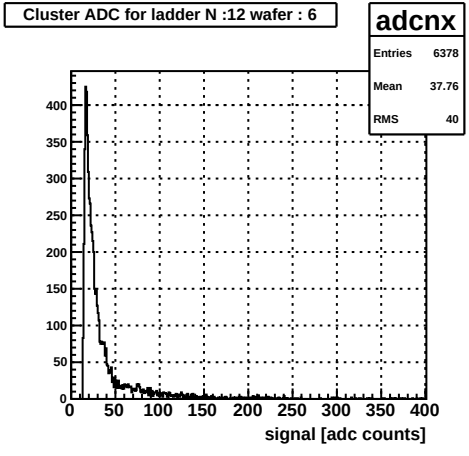

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6165
Mean 29.35
RMS 25.91
signal [adc counts]

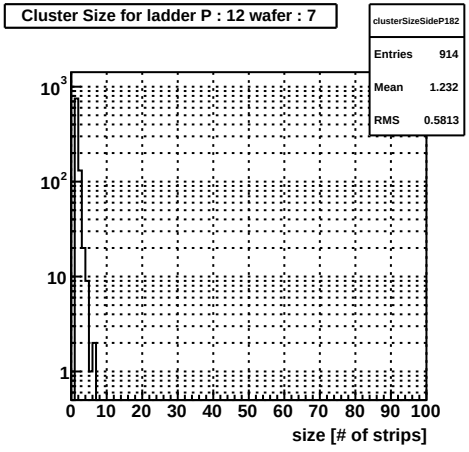

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2440
Mean 1.598
RMS 1.068
size [# of strips]

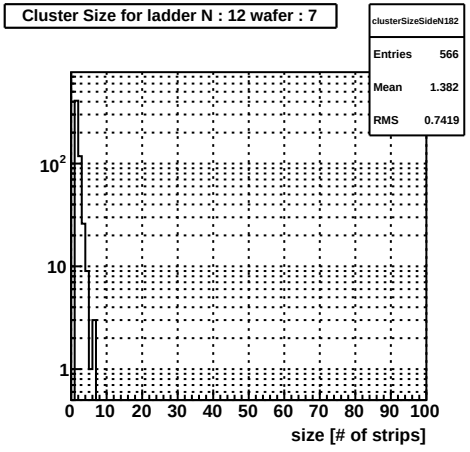

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6378
Mean 1.483
RMS 1.19
size [# of strips]

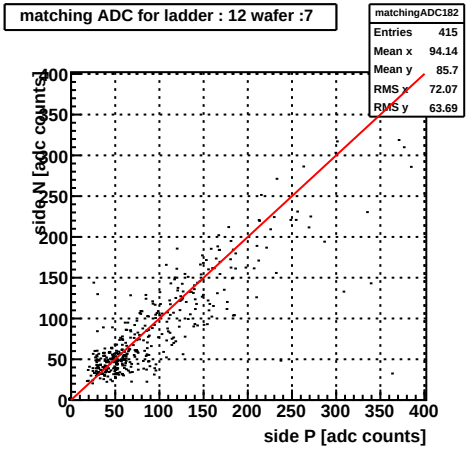

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 382
Mean x 69.89
Mean y 80.42
RMS x 56.06
RMS y 70.41
side N [adc counts]
side P [adc counts]

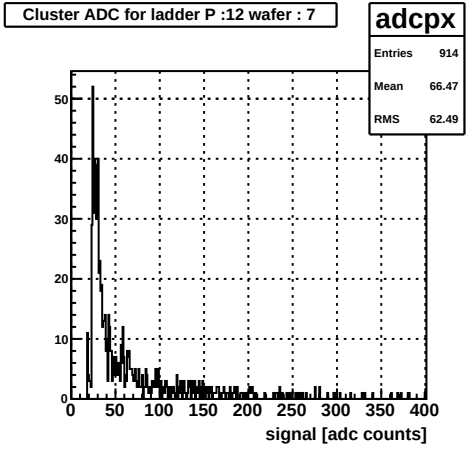

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2440
Mean 51.87
RMS 47.34
signal [adc counts]

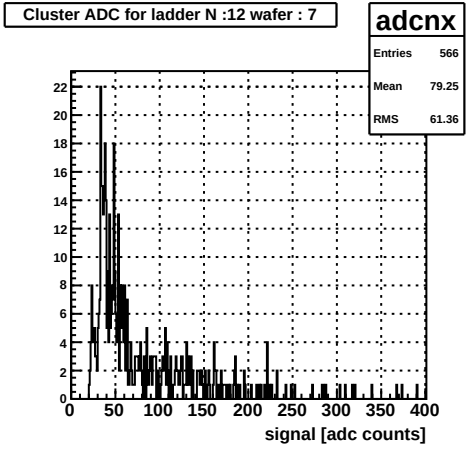

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6378
Mean 37.76
RMS 40
signal [adc counts]

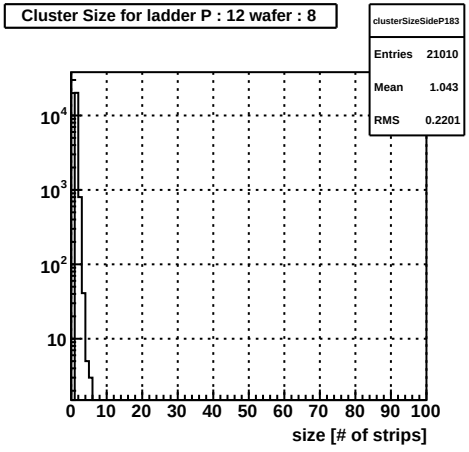

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 914
Mean 1.232
RMS 0.5813
size [# of strips]

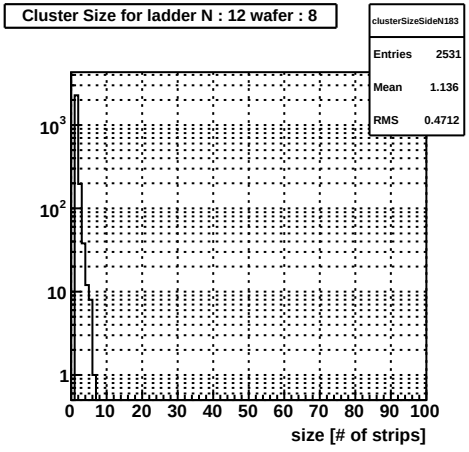

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 566
Mean 1.382
RMS 0.7419
size [# of strips]

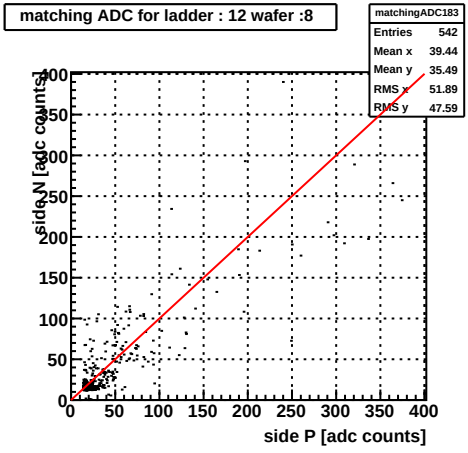

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 415
Mean x 94.14
Mean y 85.7
RMS x 72.07
RMS y 63.69
side N [adc counts]
side P [adc counts]

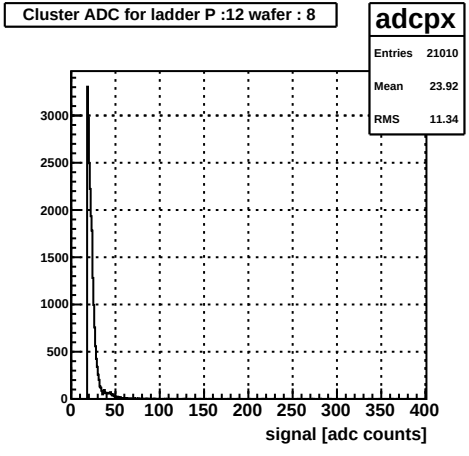

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 914
Mean 66.47
RMS 62.49
signal [adc counts]

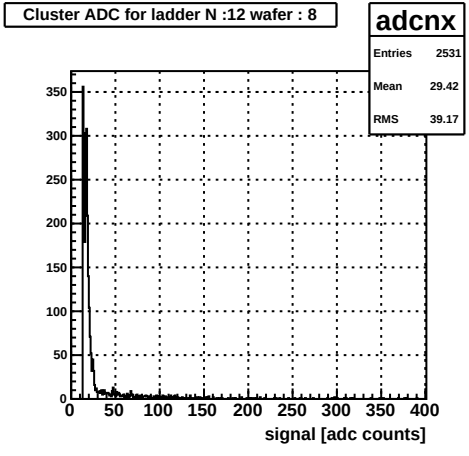

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 566
Mean 79.25
RMS 61.36
signal [adc counts]

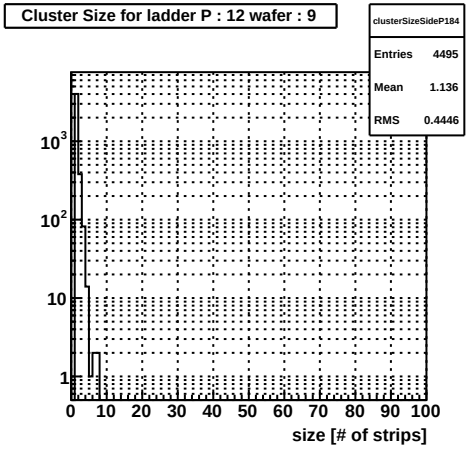

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21010
Mean 1.043
RMS 0.2201
size [# of strips]

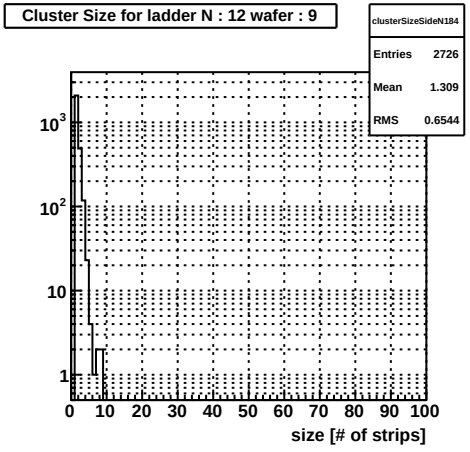

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2531
Mean 1.136
RMS 0.4712
size [# of strips]

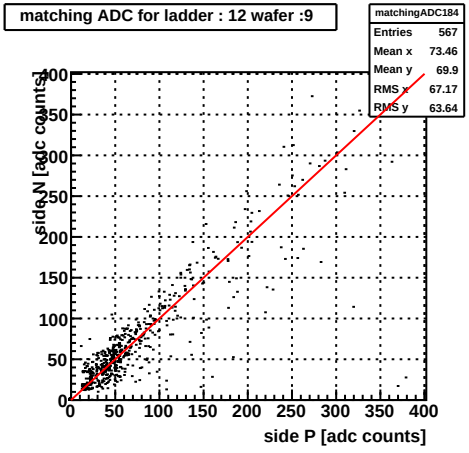

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 542
Mean x 39.44
Mean y 35.49
RMS x 51.89
RMS y 47.59
side N [adc counts]
side P [adc counts]

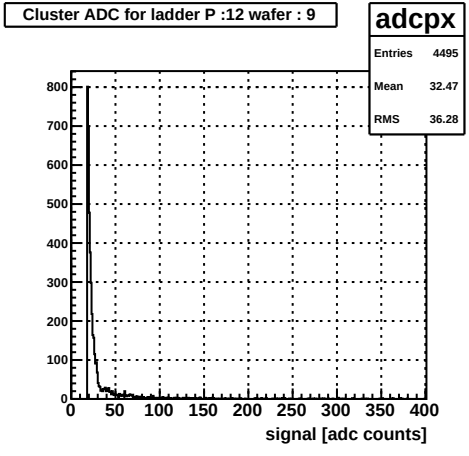

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21010
Mean 23.92
RMS 11.34
signal [adc counts]

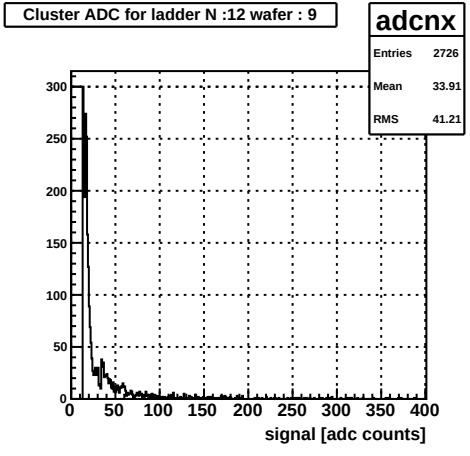

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2531
Mean 29.42
RMS 39.17
signal [adc counts]

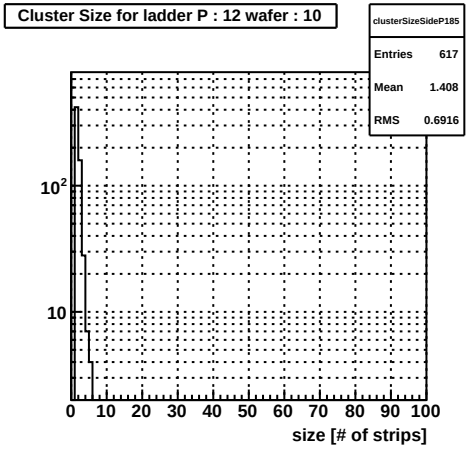

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4495
Mean 1.136
RMS 0.4446
size [# of strips]

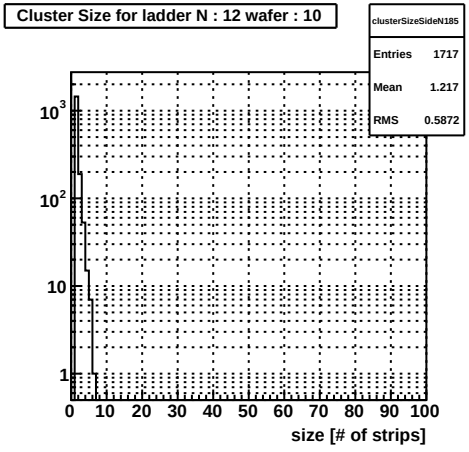

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2726
Mean 1.309
RMS 0.6544
size [# of strips]

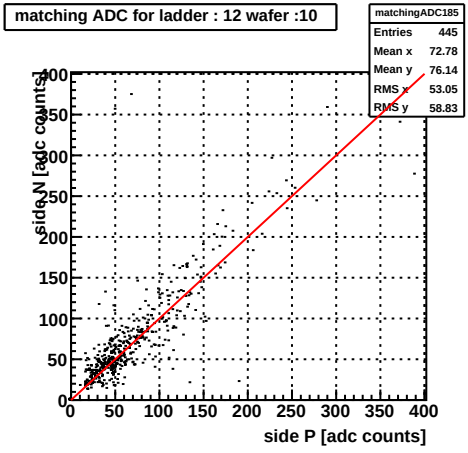

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 567
Mean x 73.46
Mean y 69.9
RMS x 67.17
RMS y 63.64
side N [adc counts]
side P [adc counts]

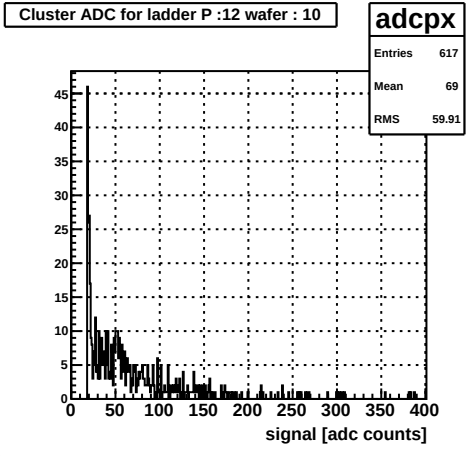

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4495
Mean 32.47
RMS 36.28
signal [adc counts]

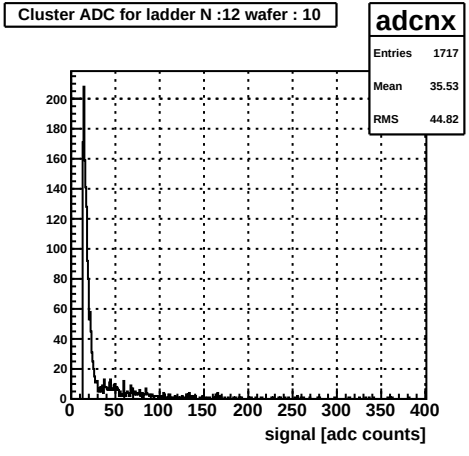

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2726
Mean 33.91
RMS 41.21
signal [adc counts]

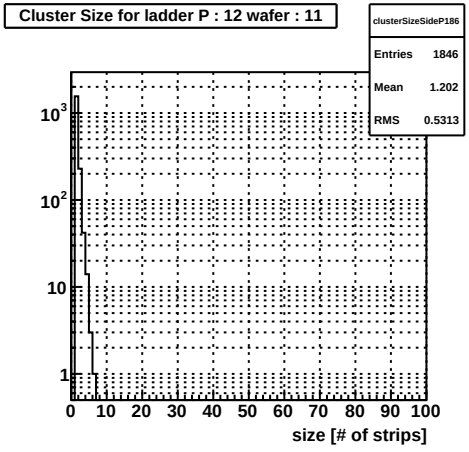

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 617
Mean 1.408
RMS 0.6916
size [# of strips]

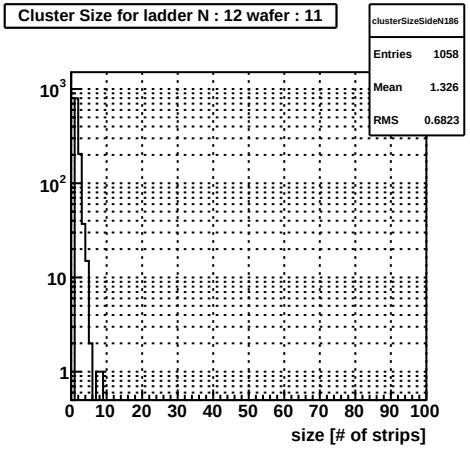

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1717
Mean 1.217
RMS 0.5872
size [# of strips]

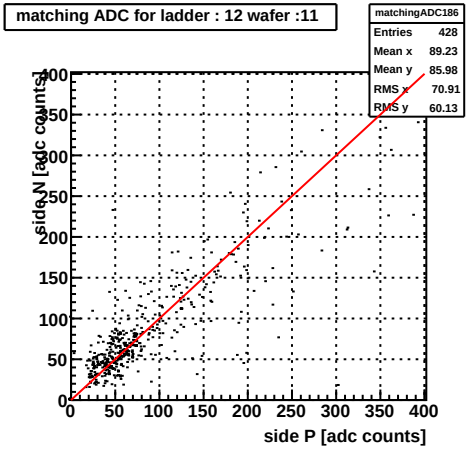

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 445
Mean x 72.78
Mean y 76.14
RMS x 53.05
RMS y 58.83
side N [adc counts]
side P [adc counts]

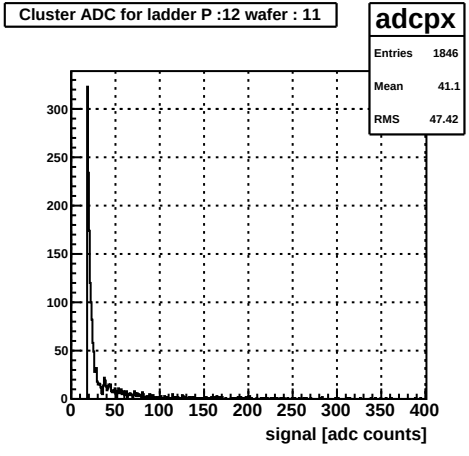

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 617
Mean 69
RMS 59.91
signal [adc counts]

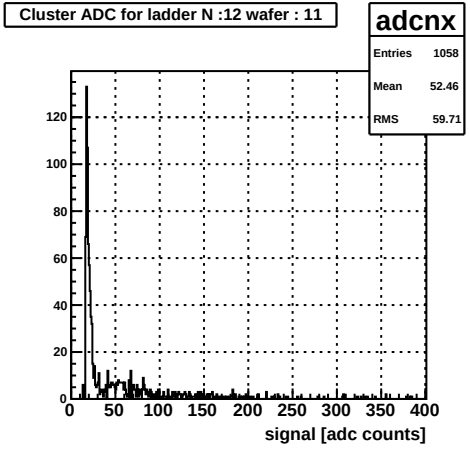

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1717
Mean 35.53
RMS 44.82
signal [adc counts]

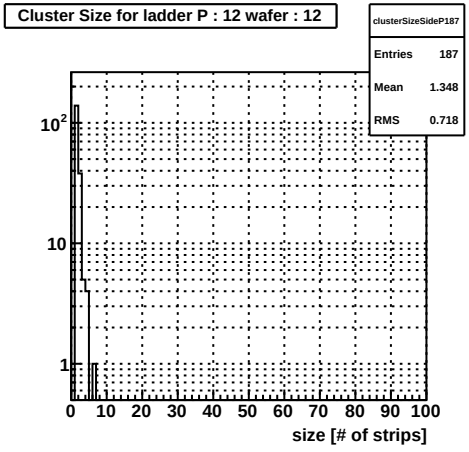

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1846
Mean 1.202
RMS 0.5313
size [# of strips]

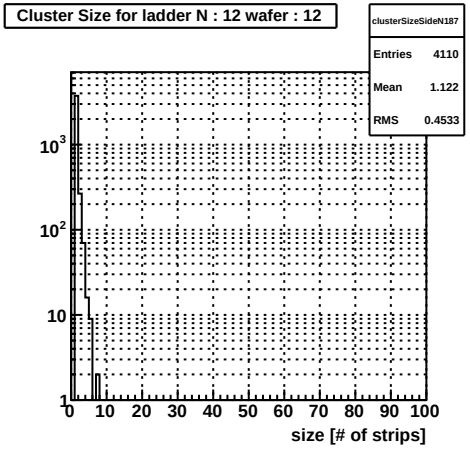

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1058
Mean 1.326
RMS 0.6823
size [# of strips]

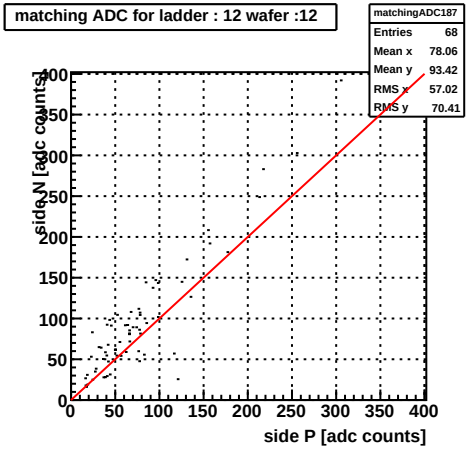

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 428
Mean x 89.23
Mean y 85.98
RMS x 70.91
RMS y 60.13
side N [adc counts]
side P [adc counts]

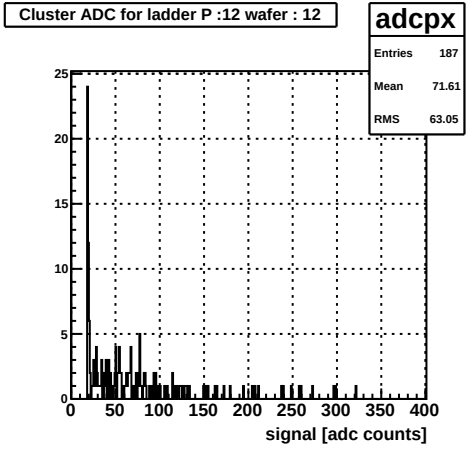

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1846
Mean 41.1
RMS 47.42
signal [adc counts]

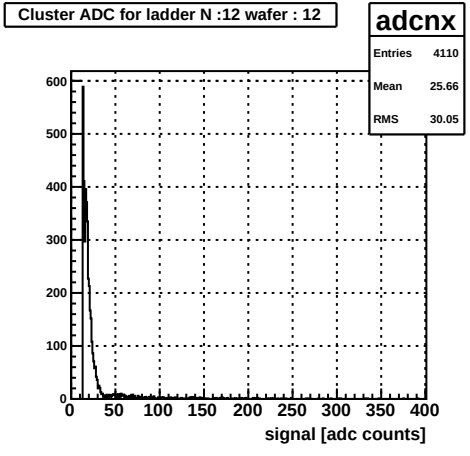

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1058
Mean 52.46
RMS 59.71
signal [adc counts]

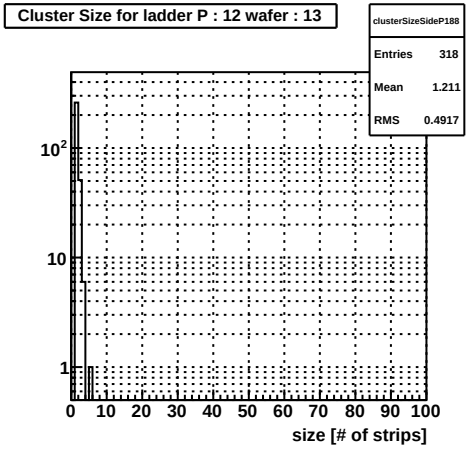

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 187
Mean 1.348
RMS 0.718
size [# of strips]

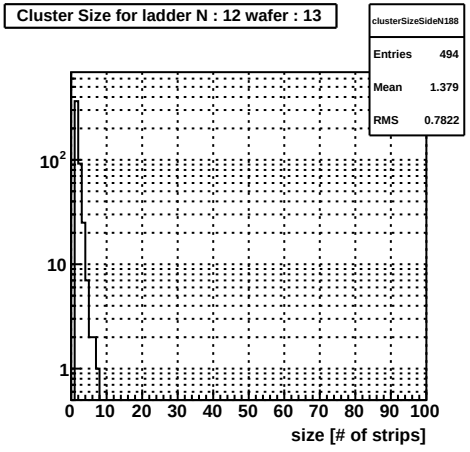

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4110
Mean 1.122
RMS 0.4533
size [# of strips]

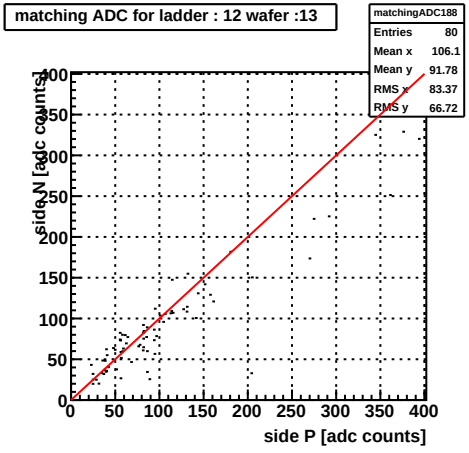

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 68
Mean x 78.06
Mean y 93.42
RMS x 57.02
RMS y 70.41
side N [adc counts]
side P [adc counts]

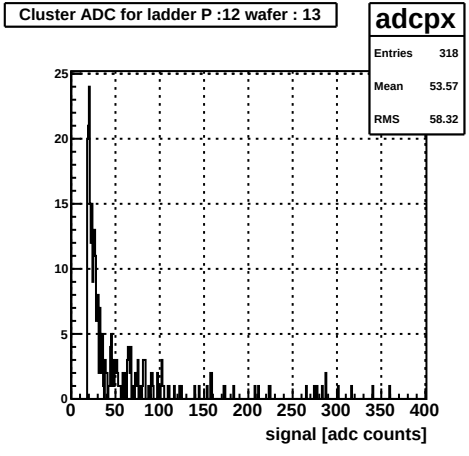

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 187
Mean 71.61
RMS 63.05
signal [adc counts]

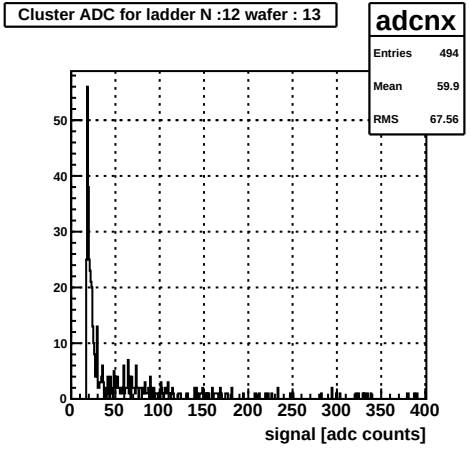

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4110
Mean 25.66
RMS 30.05
signal [adc counts]

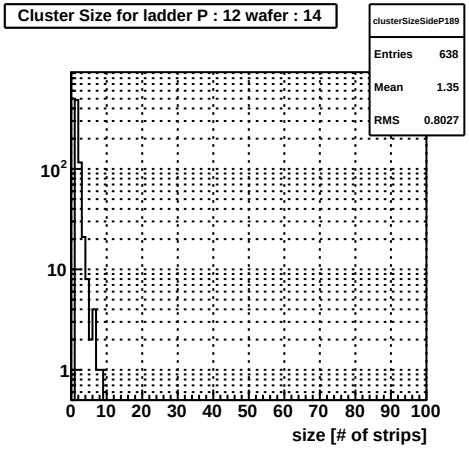

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 318
Mean 1.211
RMS 0.4917
size [# of strips]

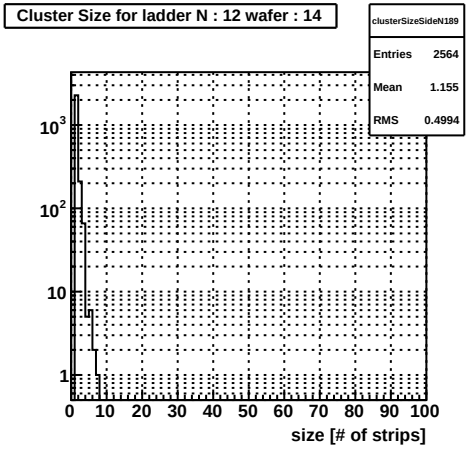

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 494
Mean 1.379
RMS 0.7822
size [# of strips]

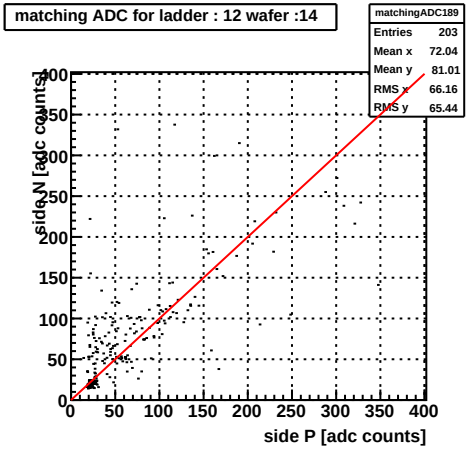

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 80
Mean x 106.1
Mean y 91.78
RMS x 83.37
RMS y 66.72
side N [adc counts]
side P [adc counts]

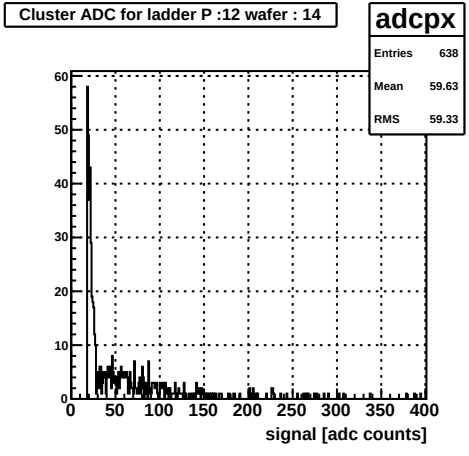

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 318
Mean 53.57
RMS 58.32
signal [adc counts]

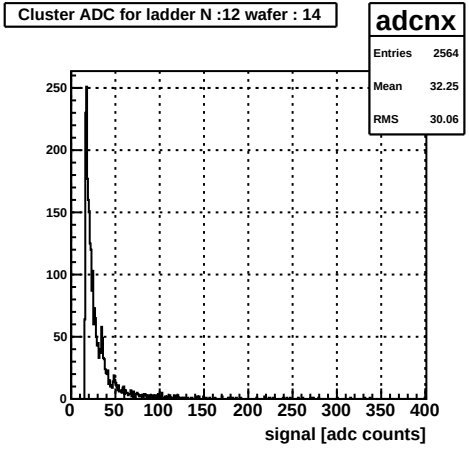

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 494
Mean 59.9
RMS 67.56
signal [adc counts]

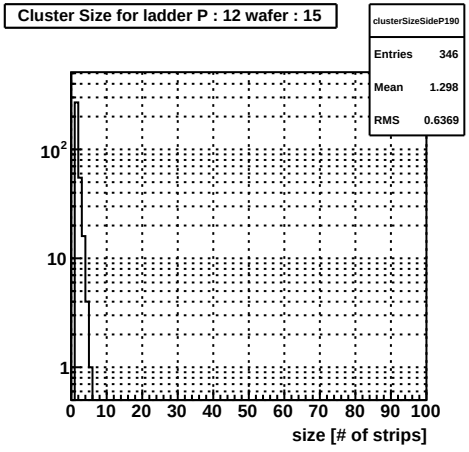

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 638
Mean 1.35
RMS 0.8027
size [# of strips]

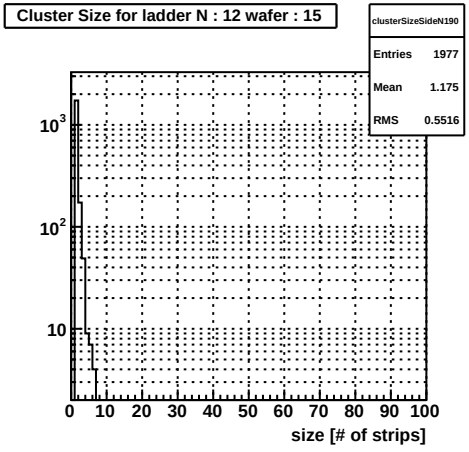

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2564
Mean 1.155
RMS 0.4994
size [# of strips]

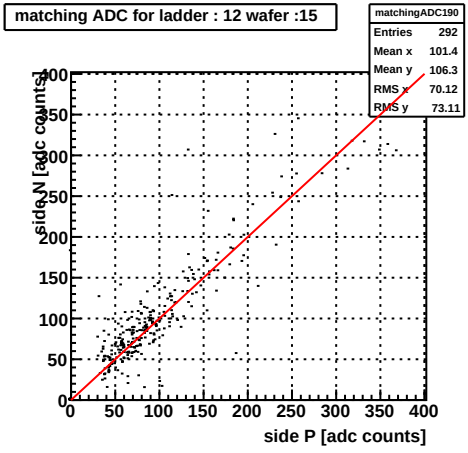

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 203
Mean x 72.04
Mean y 81.01
RMS x 66.16
RMS y 65.44
side N [adc counts]
side P [adc counts]

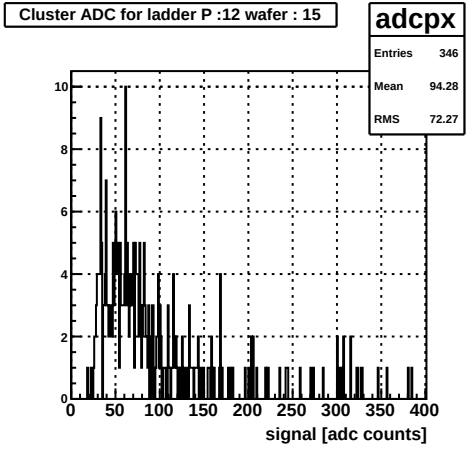

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 638
Mean 59.63
RMS 59.33
signal [adc counts]

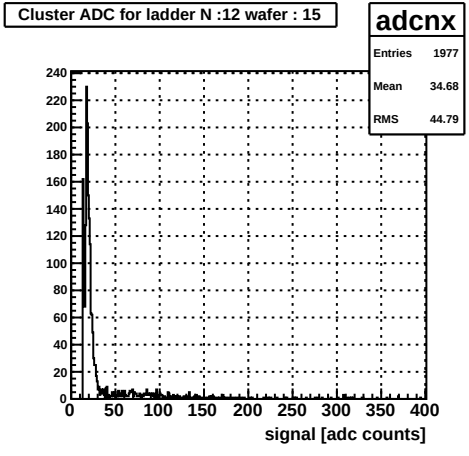

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2564
Mean 32.25
RMS 30.06
signal [adc counts]

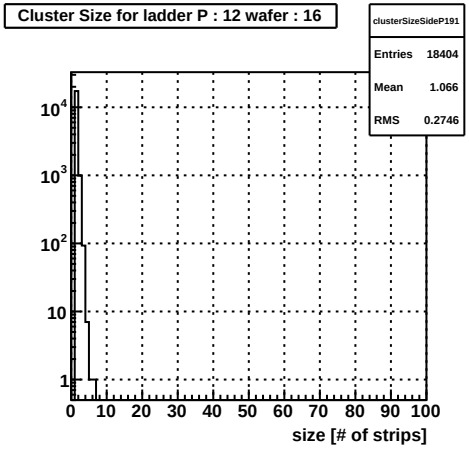

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 346
Mean 1.298
RMS 0.6369
size [# of strips]

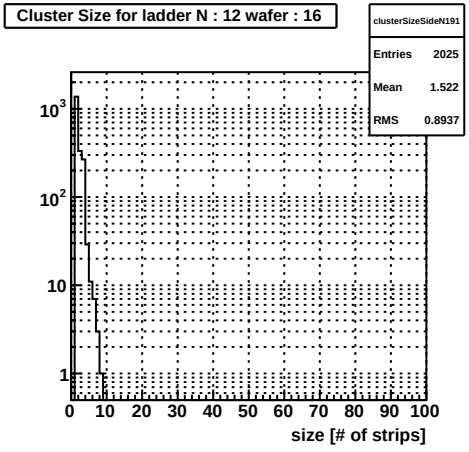

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1977
Mean 1.175
RMS 0.5516
size [# of strips]

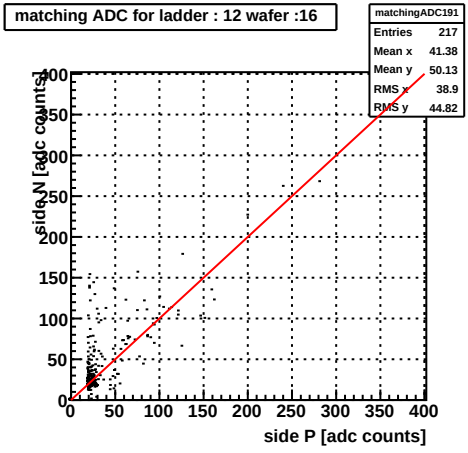

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 292
Mean x 101.4
Mean y 106.3
RMS x 70.12
RMS y 73.11
side N [adc counts]
side P [adc counts]

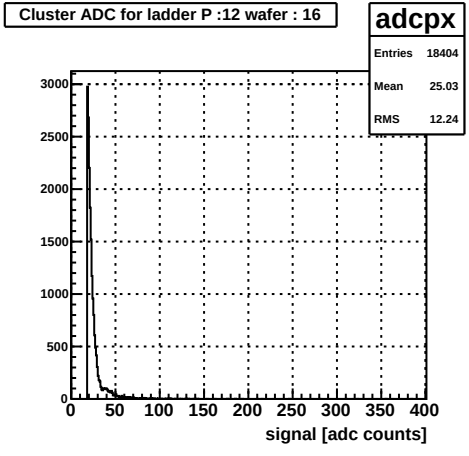

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 346
Mean 94.28
RMS 72.27
signal [adc counts]

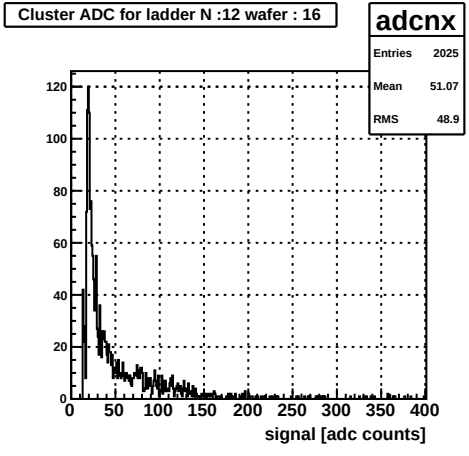

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1977
Mean 34.68
RMS 44.79
signal [adc counts]

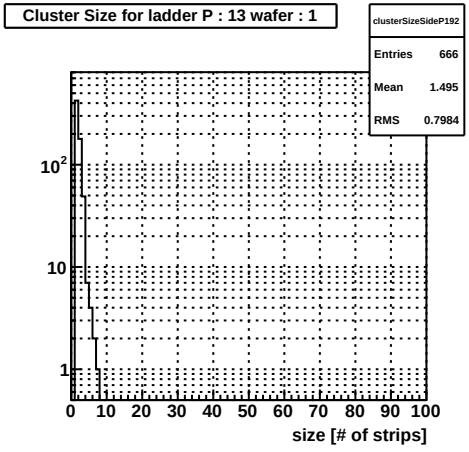

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18404
Mean 1.066
RMS 0.2746
size [# of strips]

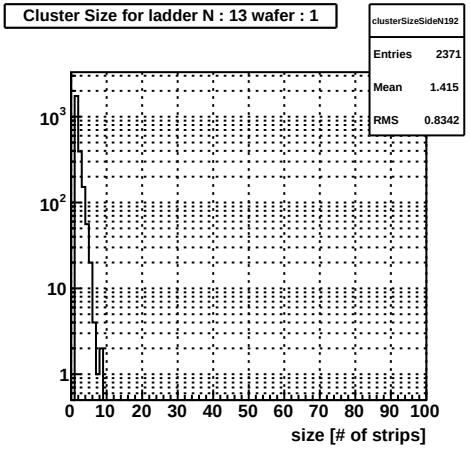

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2025
Mean 1.522
RMS 0.8937
size [# of strips]

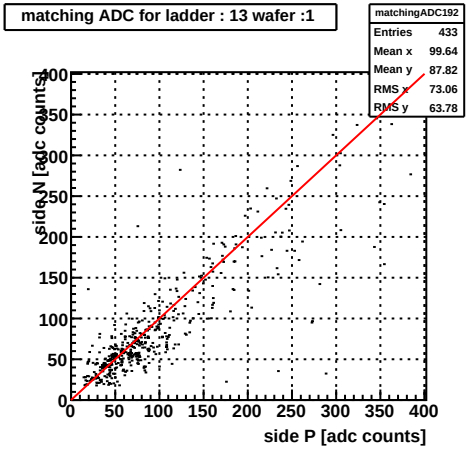

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 217
Mean x 41.38
Mean y 50.13
RMS x 38.9
RMS y 44.82
side N [adc counts]
side P [adc counts]

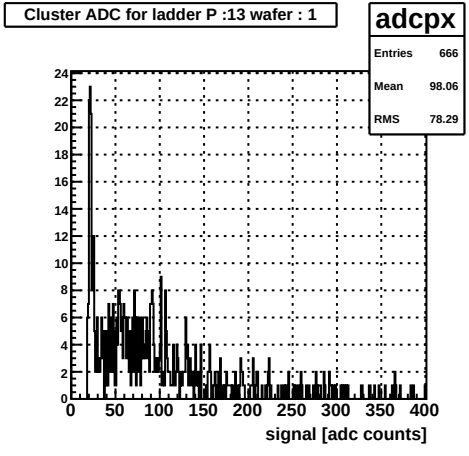

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18404
Mean 25.03
RMS 12.24
signal [adc counts]

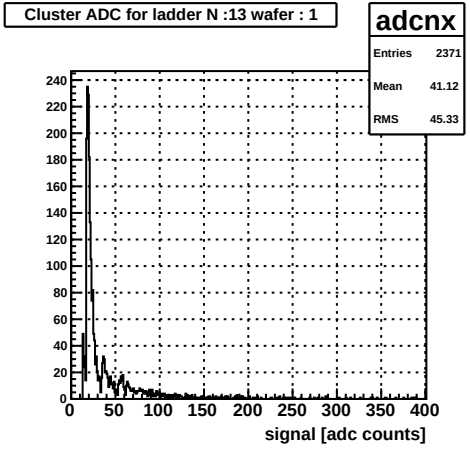

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2025
Mean 51.07
RMS 48.9
signal [adc counts]

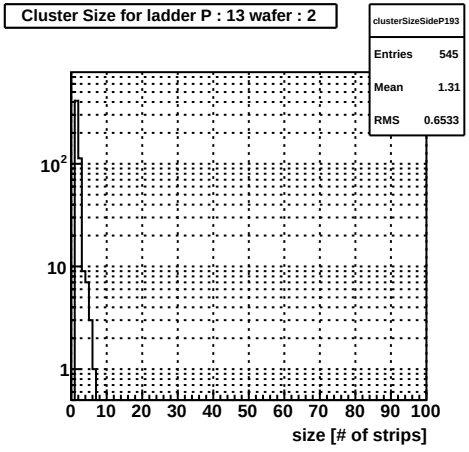

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 666
Mean 1.495
RMS 0.7984
size [# of strips]

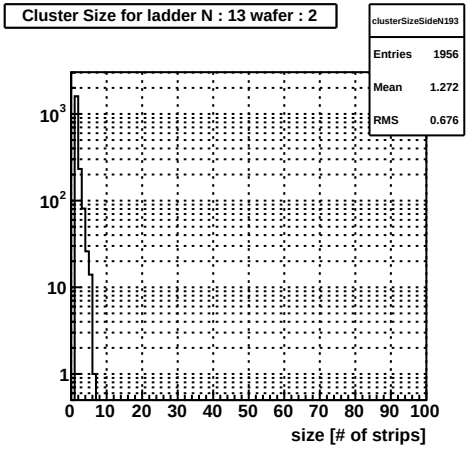

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2371
Mean 1.415
RMS 0.8342
size [# of strips]

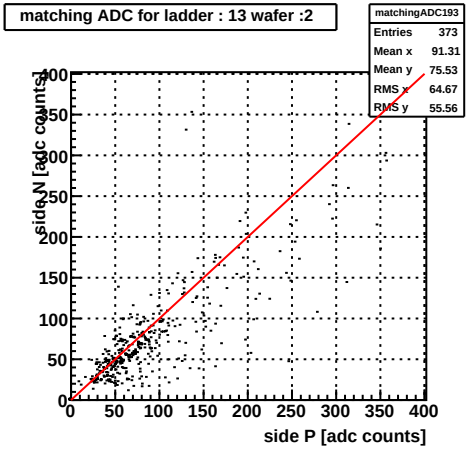

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 433
Mean x 99.64
Mean y 87.82
RMS x 73.06
RMS y 63.78
side N [adc counts]
side P [adc counts]

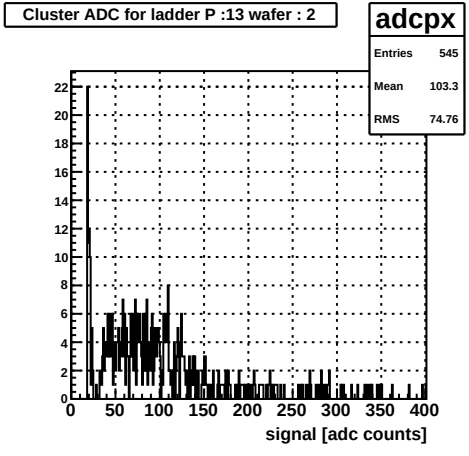

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 666
Mean 98.06
RMS 78.29
signal [adc counts]

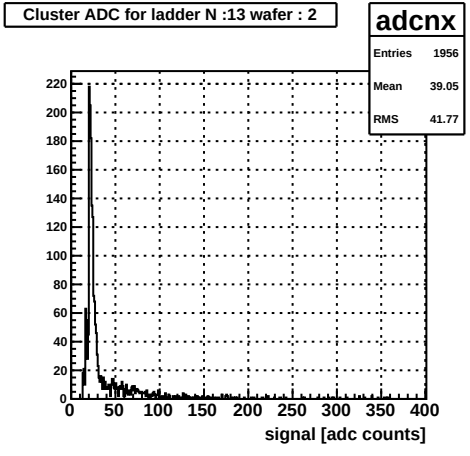

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2371
Mean 41.12
RMS 45.33
signal [adc counts]

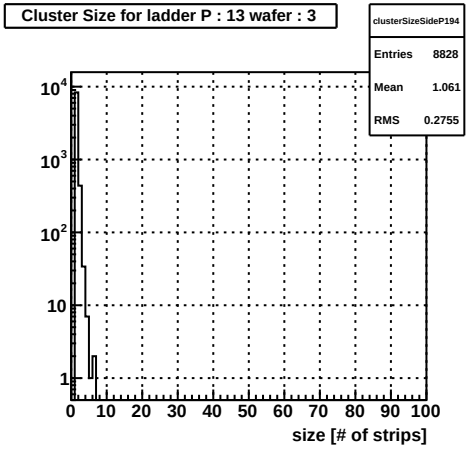

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 545
Mean 1.31
RMS 0.6533
size [# of strips]

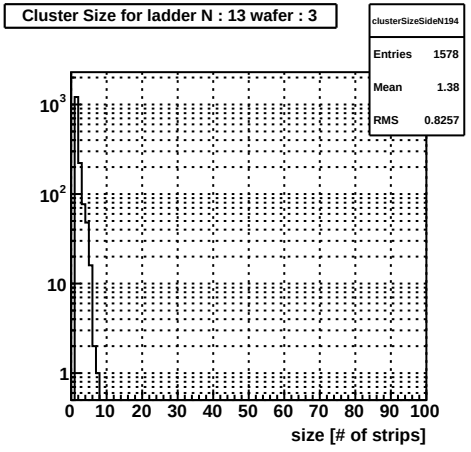

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 1956
Mean 1.272
RMS 0.676
size [# of strips]

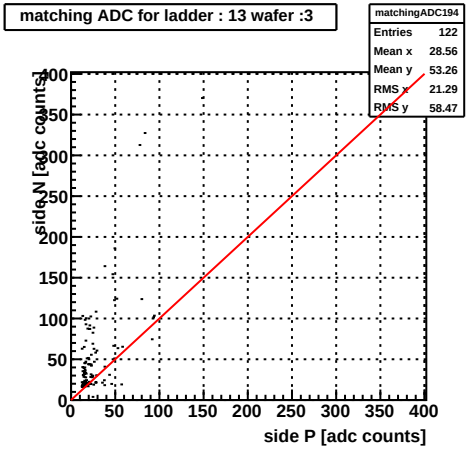

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 373
Mean x 91.31
Mean y 75.53
RMS x 64.67
RMS y 55.56
side N [adc counts]
side P [adc counts]

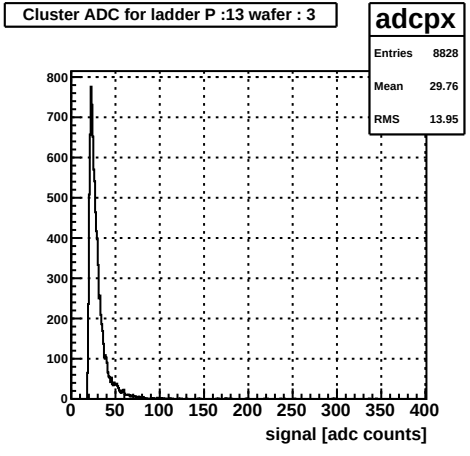

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 545
Mean 103.3
RMS 74.76
signal [adc counts]

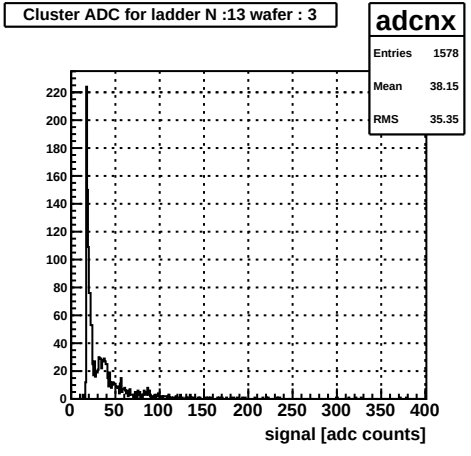

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 1956
Mean 39.05
RMS 41.77
signal [adc counts]

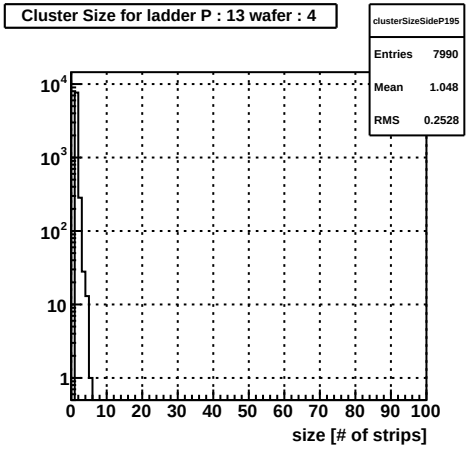

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8828
Mean 1.061
RMS 0.2755
size [# of strips]

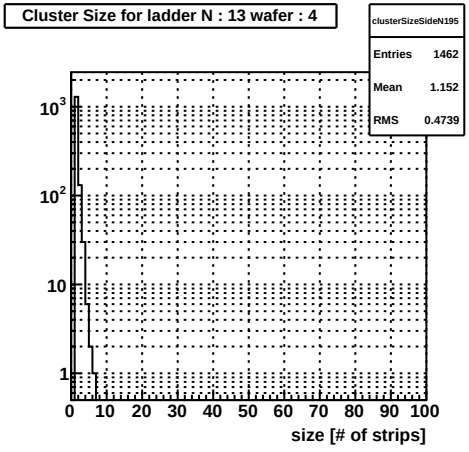

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1578
Mean 1.38
RMS 0.8257
size [# of strips]

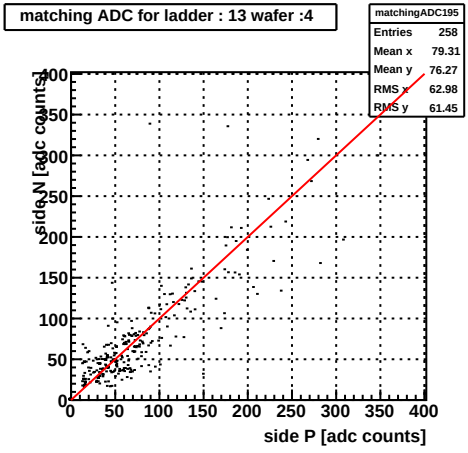

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 122
Mean x 28.56
Mean y 53.26
RMS x 21.29
RMS y 58.47
side N [adc counts]
side P [adc counts]

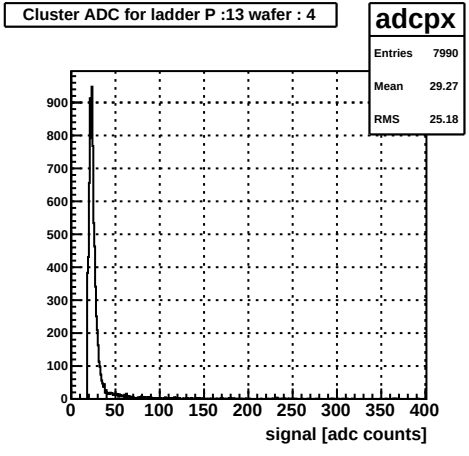

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8828
Mean 29.76
RMS 13.95
signal [adc counts]

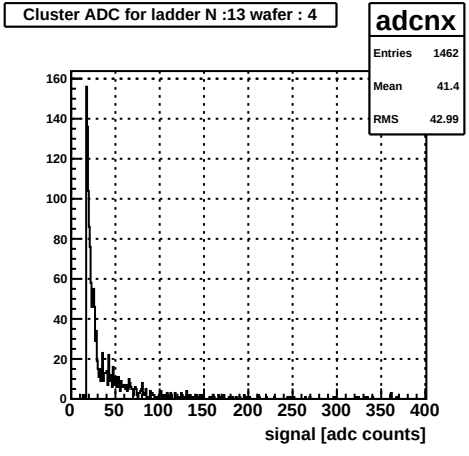

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1578
Mean 38.15
RMS 35.35
signal [adc counts]

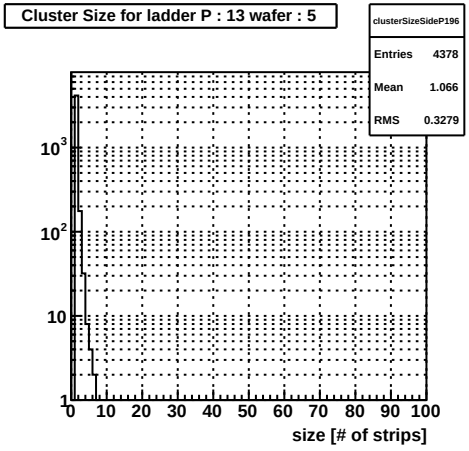

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7990
Mean 1.048
RMS 0.2528
size [# of strips]

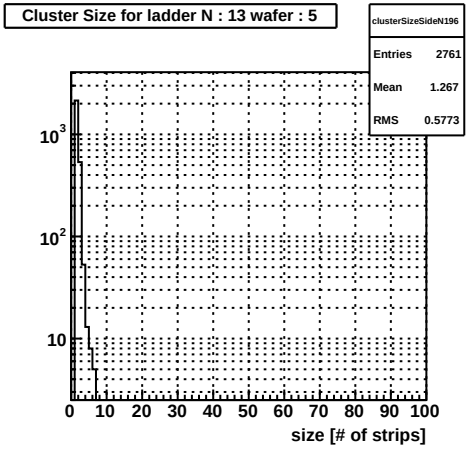

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1462
Mean 1.152
RMS 0.4739
size [# of strips]

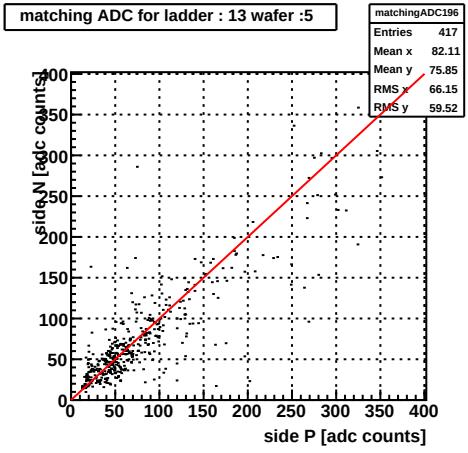

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 258
Mean x 79.31
Mean y 76.27
RMS x 62.98
RMS y 61.45
side N [adc counts]
side P [adc counts]

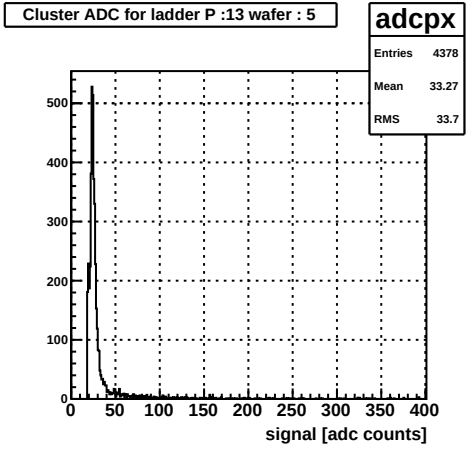

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7990
Mean 29.27
RMS 25.18
signal [adc counts]

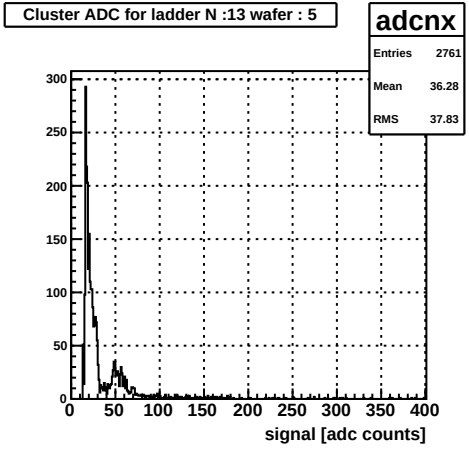

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1462
Mean 41.4
RMS 42.99
signal [adc counts]

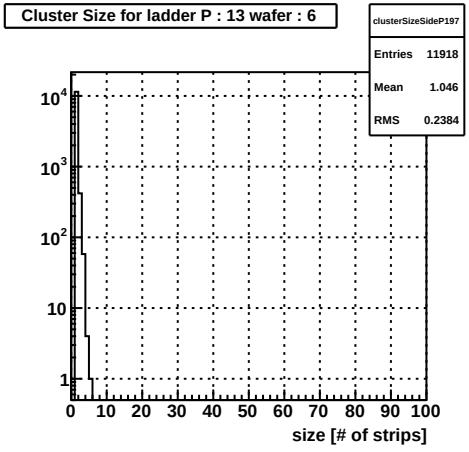

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4378
Mean 1.066
RMS 0.3279
size [# of strips]

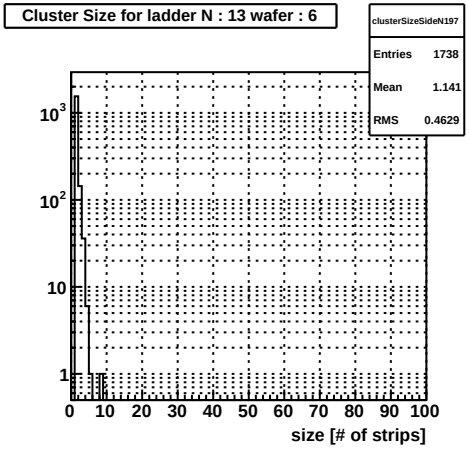

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2761
Mean 1.267
RMS 0.5773
size [# of strips]

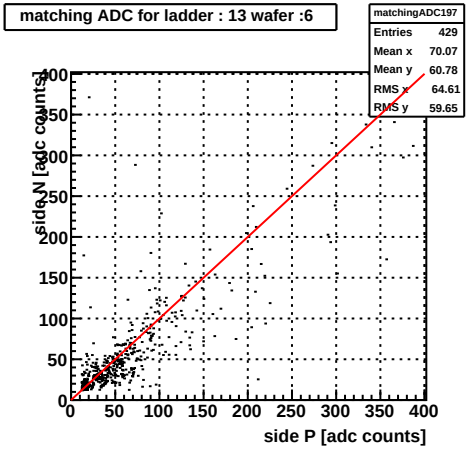

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 417
Mean x 82.11
Mean y 75.85
RMS x 66.15
RMS y 59.52
side N [adc counts]
side P [adc counts]

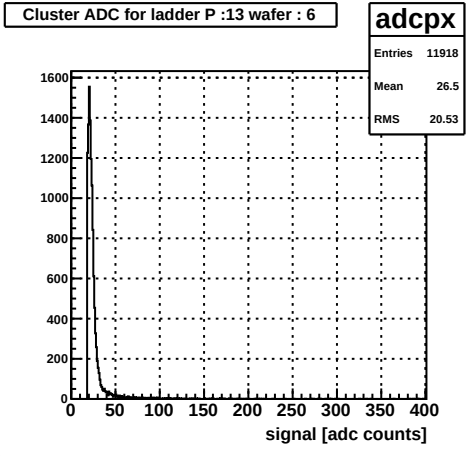

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4378
Mean 33.27
RMS 33.7
signal [adc counts]

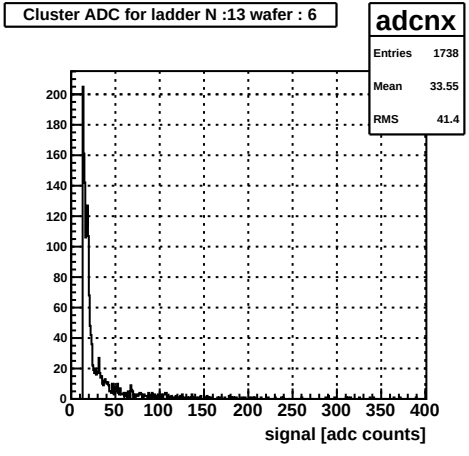

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2761
Mean 36.28
RMS 37.83
signal [adc counts]

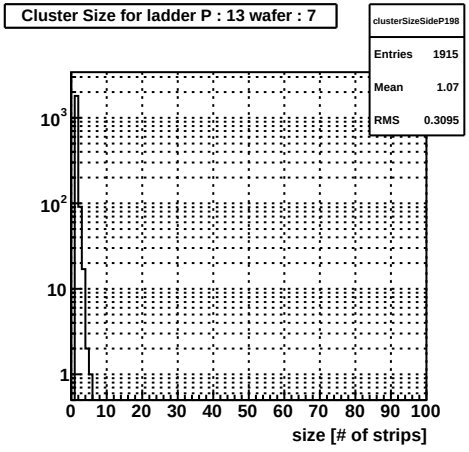

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11918
Mean 1.046
RMS 0.2384
size [# of strips]

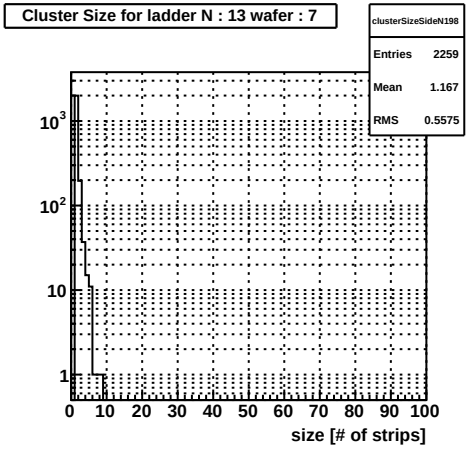

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1738
Mean 1.141
RMS 0.4629
size [# of strips]

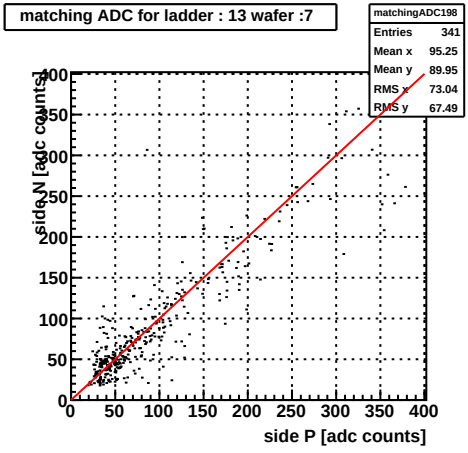

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 429
Mean x 70.07
Mean y 60.78
RMS x 64.61
RMS y 59.65
side N [adc counts]
side P [adc counts]

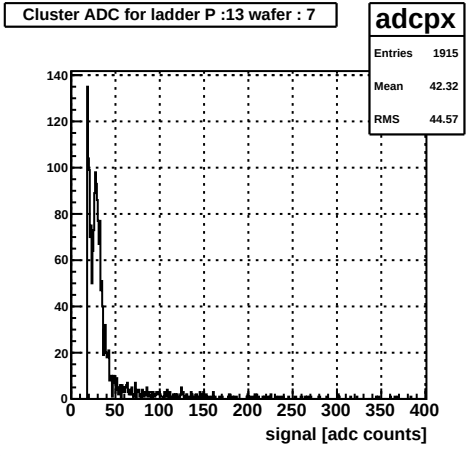

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11918
Mean 26.5
RMS 20.53
signal [adc counts]

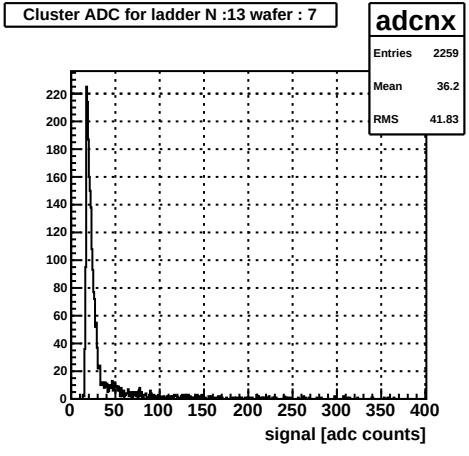

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1738
Mean 33.55
RMS 41.4
signal [adc counts]

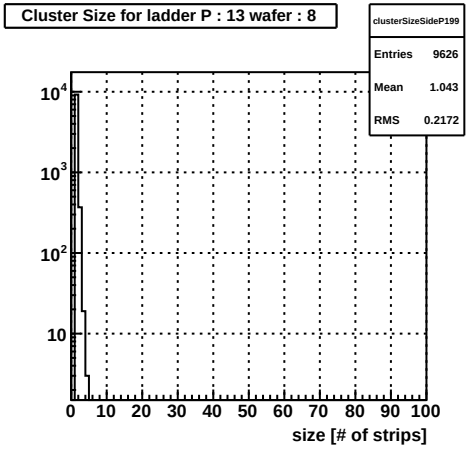

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1915
Mean 1.07
RMS 0.3095
size [# of strips]

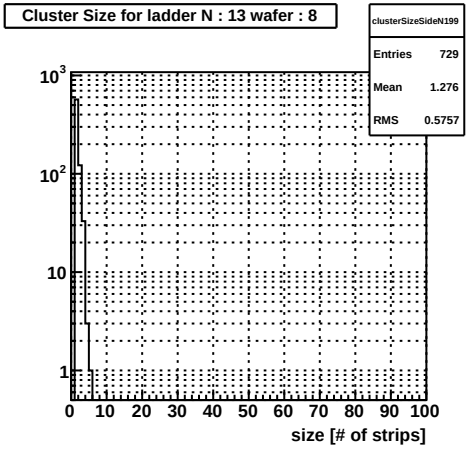

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2259
Mean 1.167
RMS 0.5575
size [# of strips]

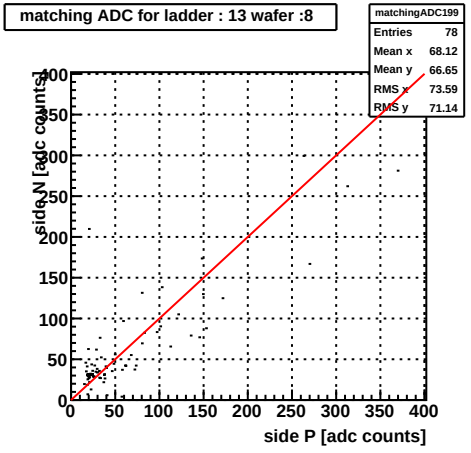

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 341
Mean x 95.25
Mean y 89.95
RMS x 73.04
RMS y 67.49
side N [adc counts]
side P [adc counts]

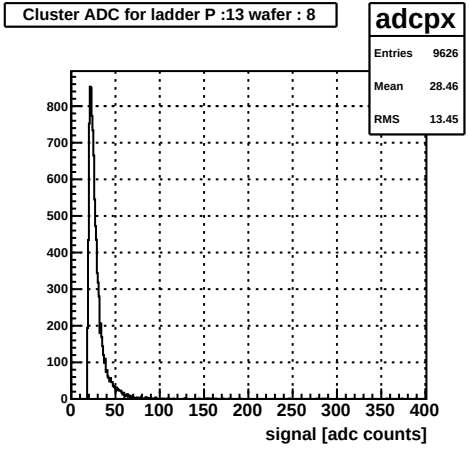

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1915
Mean 42.32
RMS 44.57
signal [adc counts]

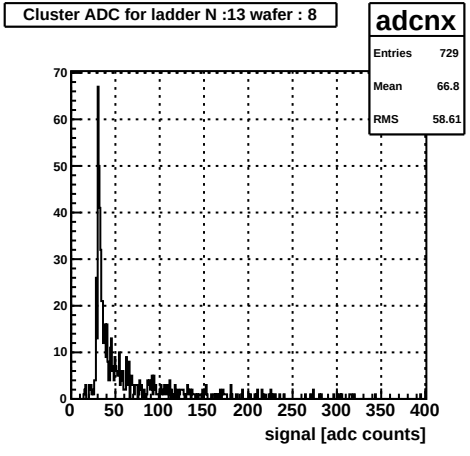

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2259
Mean 36.2
RMS 41.83
signal [adc counts]

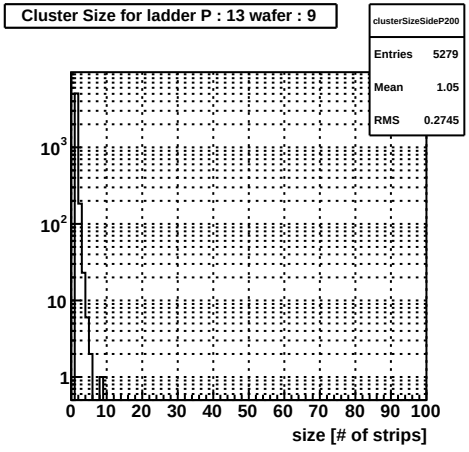

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9626
Mean 1.043
RMS 0.2172
size [# of strips]

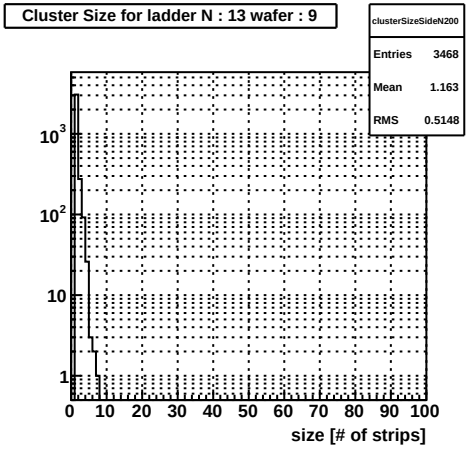

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 729
Mean 1.276
RMS 0.5757
size [# of strips]

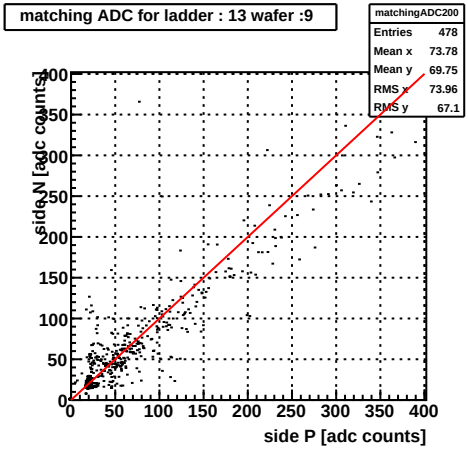

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 78
Mean x 68.12
Mean y 66.65
RMS x 73.59
RMS y 71.14
side N [adc counts]
side P [adc counts]

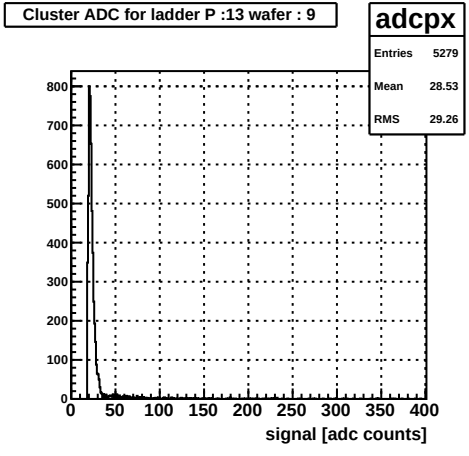

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9626
Mean 28.46
RMS 13.45
signal [adc counts]

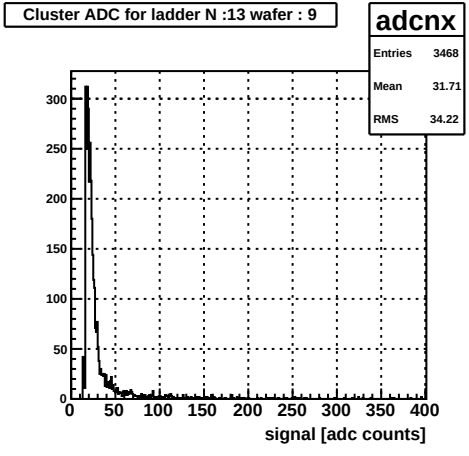

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 729
Mean 66.8
RMS 58.61
signal [adc counts]

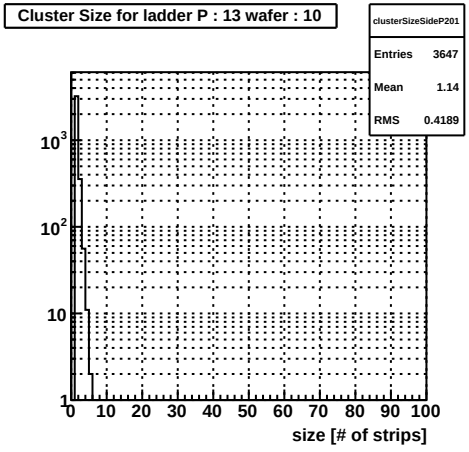

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5279
Mean 1.05
RMS 0.2745
size [# of strips]

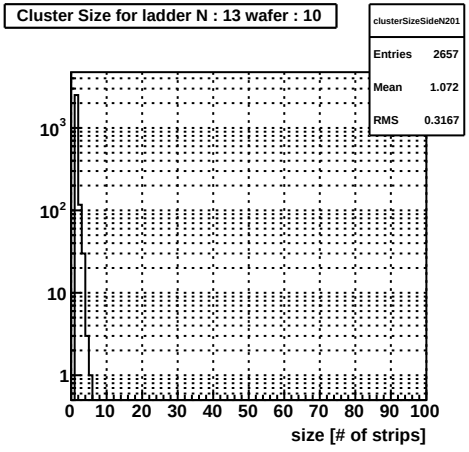

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3468
Mean 1.163
RMS 0.5148
size [# of strips]

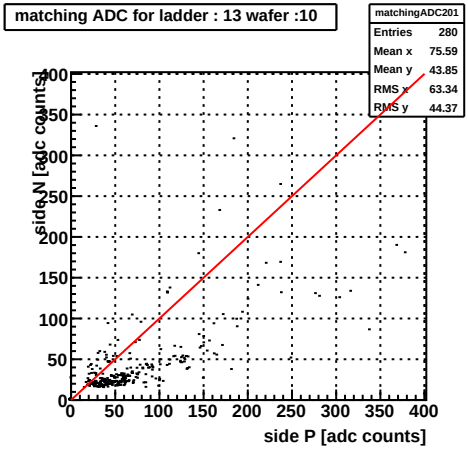

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 478
Mean x 73.78
Mean y 69.75
RMS x 73.96
RMS y 67.1
side N [adc counts]
side P [adc counts]

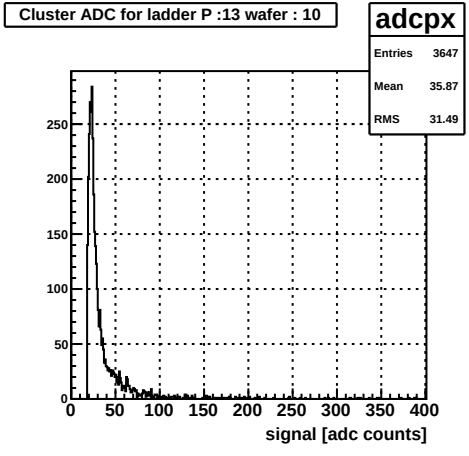

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5279
Mean 28.53
RMS 29.26
signal [adc counts]

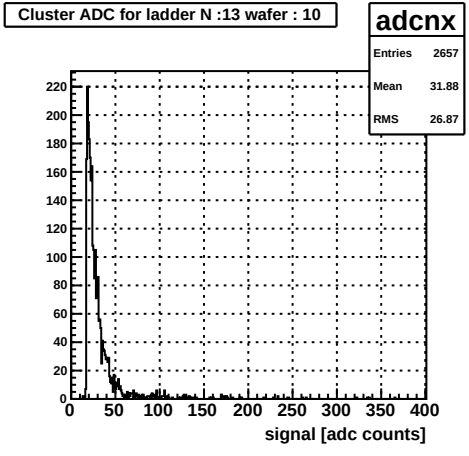

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3468
Mean 31.71
RMS 34.22
signal [adc counts]

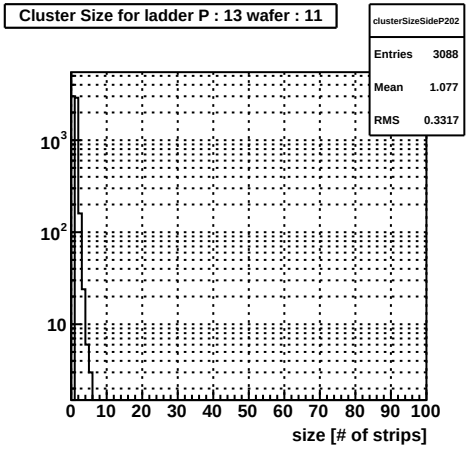

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3647
Mean 1.14
RMS 0.4189
size [# of strips]

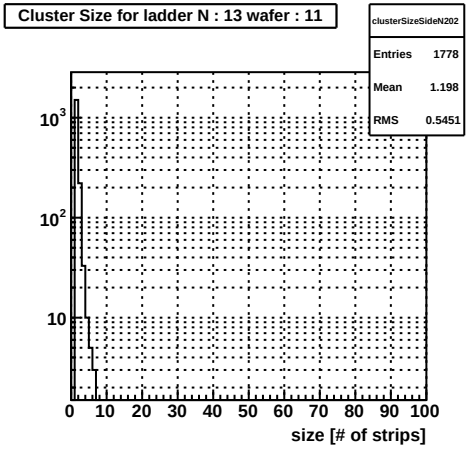

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2657
Mean 1.072
RMS 0.3167
size [# of strips]

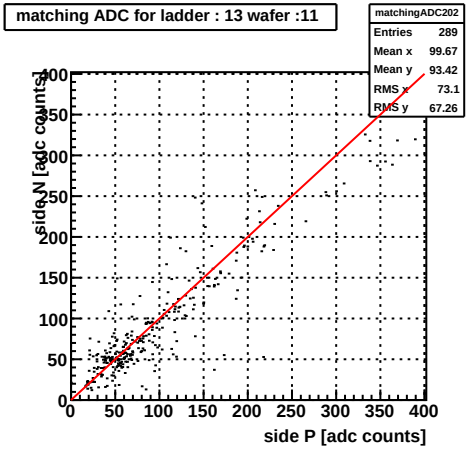

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 280
Mean x 75.59
Mean y 43.85
RMS x 63.34
RMS y 44.37
side N [adc counts]
side P [adc counts]

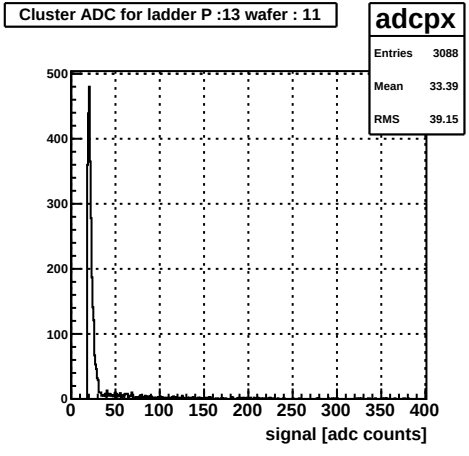

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3647
Mean 35.87
RMS 31.49
signal [adc counts]

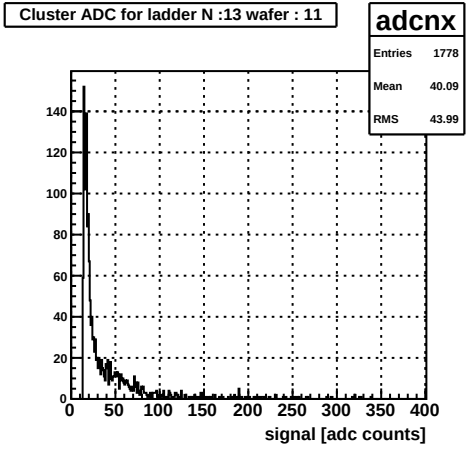

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2657
Mean 31.88
RMS 26.87
signal [adc counts]

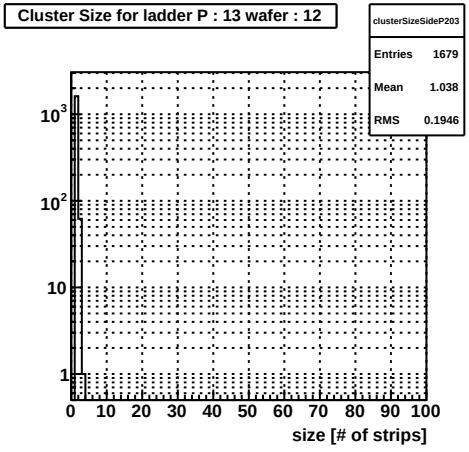

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3088
Mean 1.077
RMS 0.3317
size [# of strips]

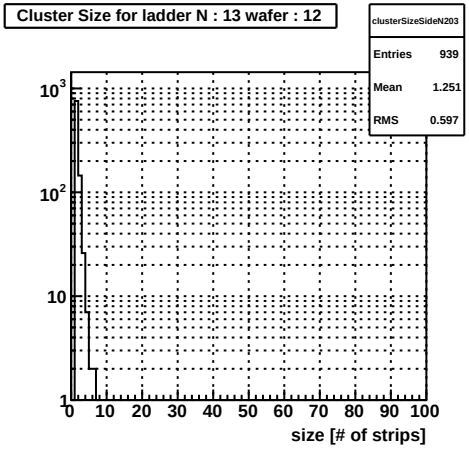

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1778
Mean 1.198
RMS 0.5451
size [# of strips]

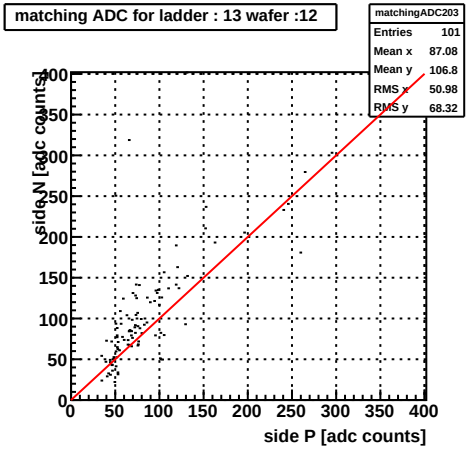

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 289
Mean x 99.67
Mean y 93.42
RMS x 73.1
RMS y 67.26
side N [adc counts]
side P [adc counts]

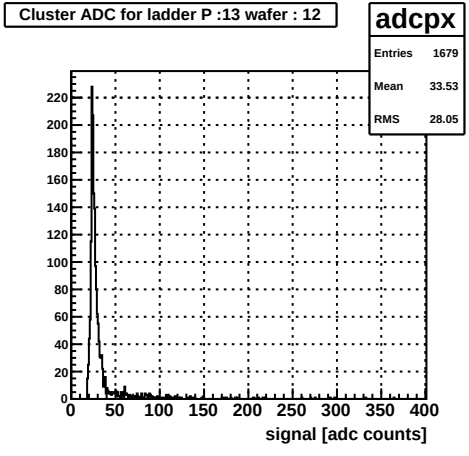

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3088
Mean 33.39
RMS 39.15
signal [adc counts]

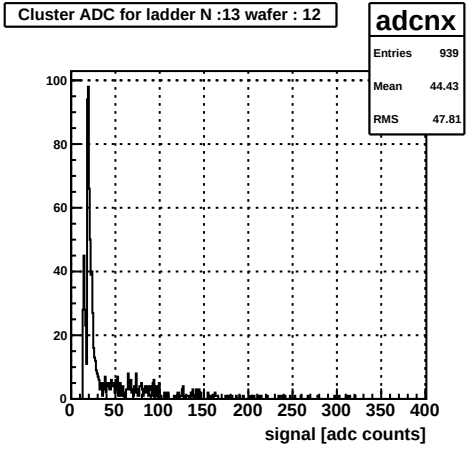

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1778
Mean 40.09
RMS 43.99
signal [adc counts]

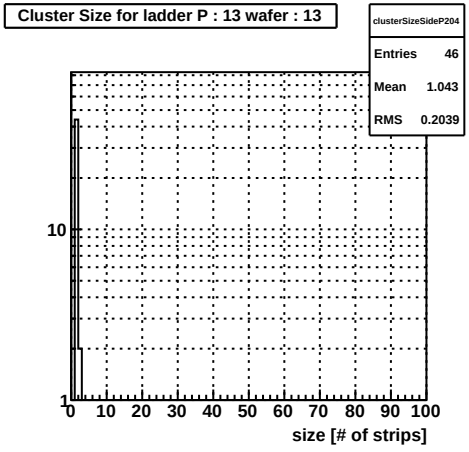

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1679
Mean 1.038
RMS 0.1946
size [# of strips]

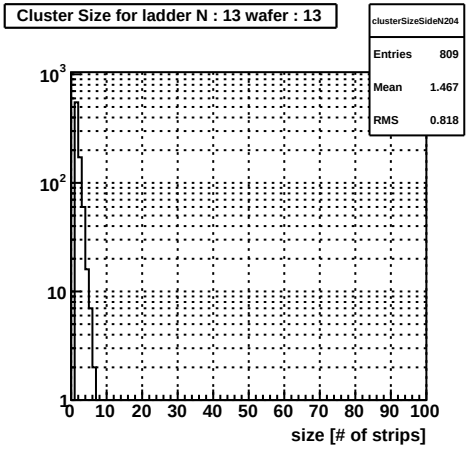

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 939
Mean 1.251
RMS 0.597
size [# of strips]

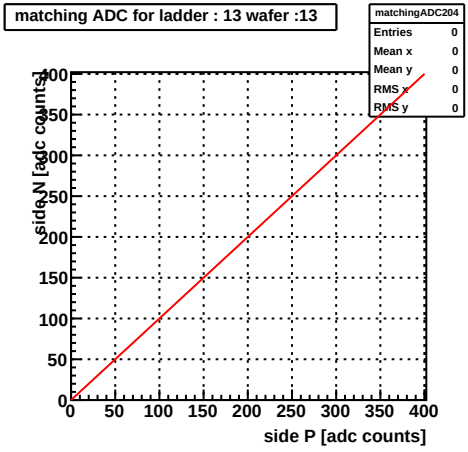

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 101
Mean x 87.08
Mean y 106.8
RMS x 50.98
RMS y 68.32
side N [adc counts]
side P [adc counts]

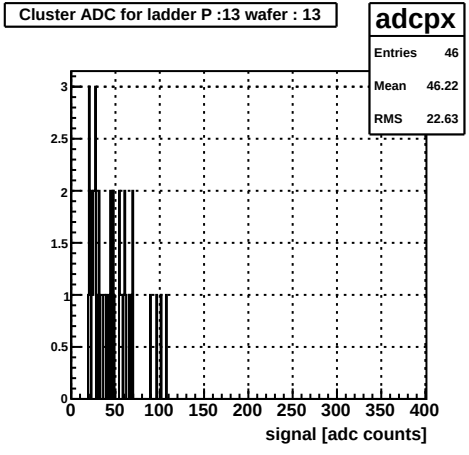

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1679
Mean 33.53
RMS 28.05
signal [adc counts]

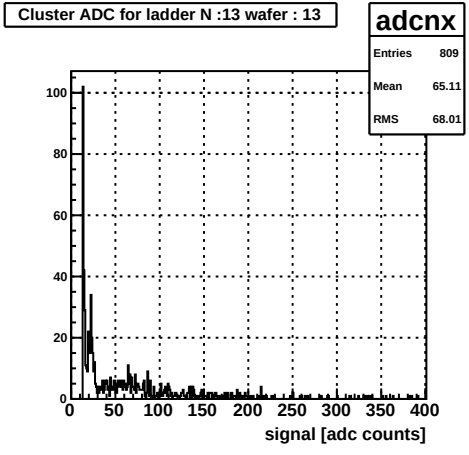

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 939
Mean 44.43
RMS 47.81
signal [adc counts]

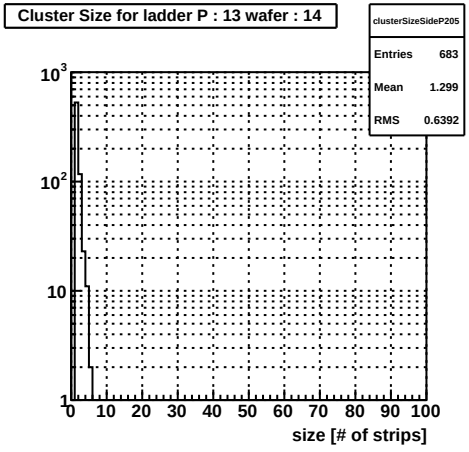

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 46
Mean 1.043
RMS 0.2039
size [# of strips]

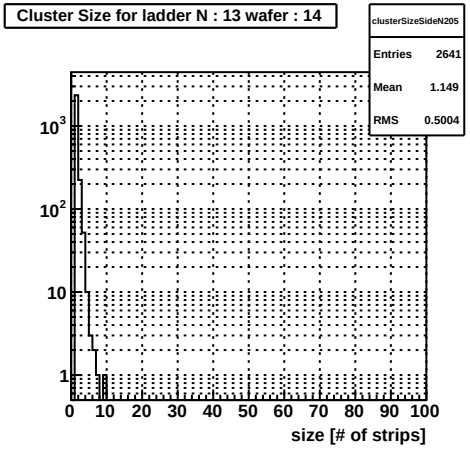

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 809
Mean 1.467
RMS 0.818
size [# of strips]

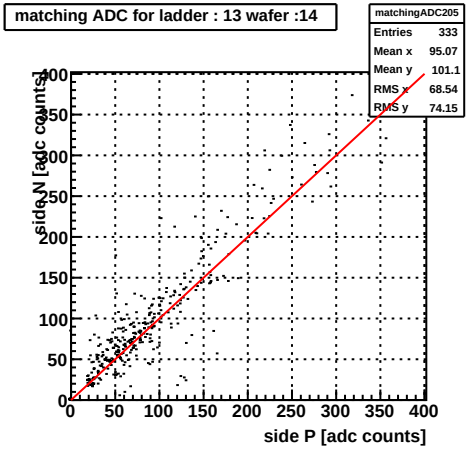

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

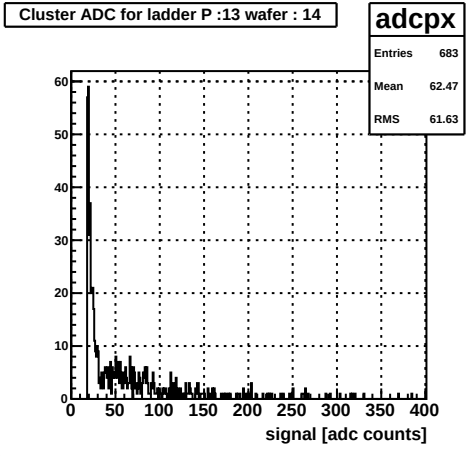

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 46
Mean 46.22
RMS 22.63
signal [adc counts]

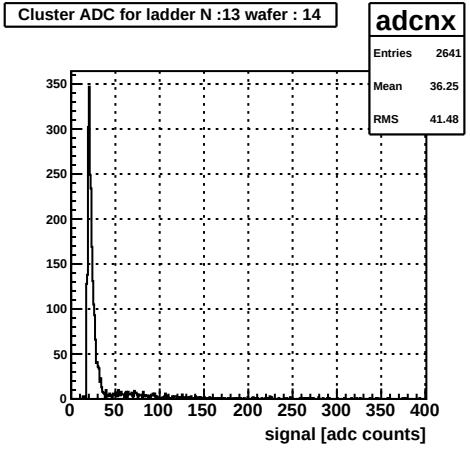

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 809
Mean 65.11
RMS 68.01
signal [adc counts]

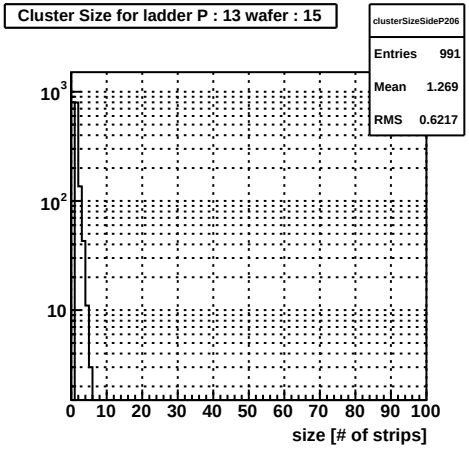

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 683
Mean 1.299
RMS 0.6392
size [# of strips]

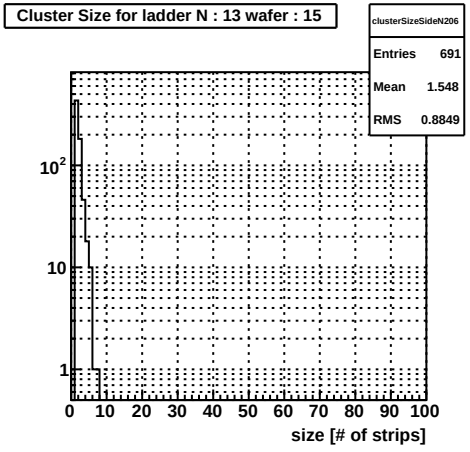

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2641
Mean 1.149
RMS 0.5004
size [# of strips]

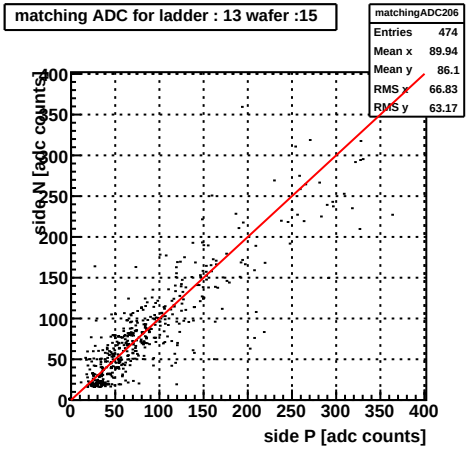

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 333
Mean x 95.07
Mean y 101.1
RMS x 68.54
RMS y 74.15
side N [adc counts]
side P [adc counts]

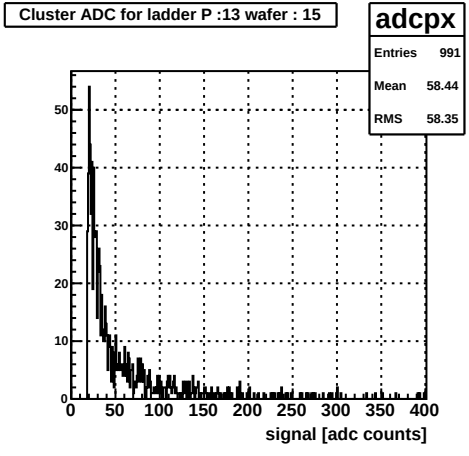

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 683
Mean 62.47
RMS 61.63
signal [adc counts]

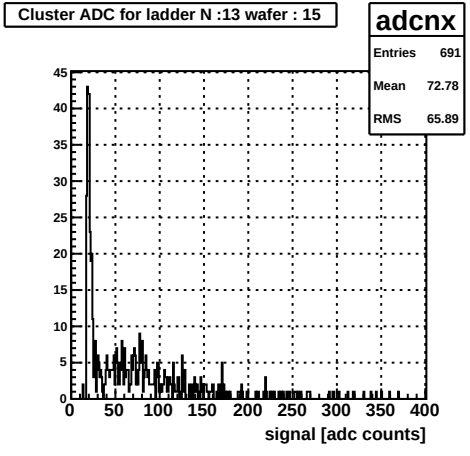

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2641
Mean 36.25
RMS 41.48
signal [adc counts]

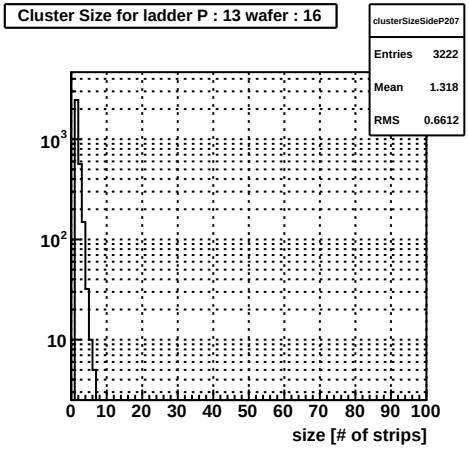

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 991
Mean 1.269
RMS 0.6217
size [# of strips]

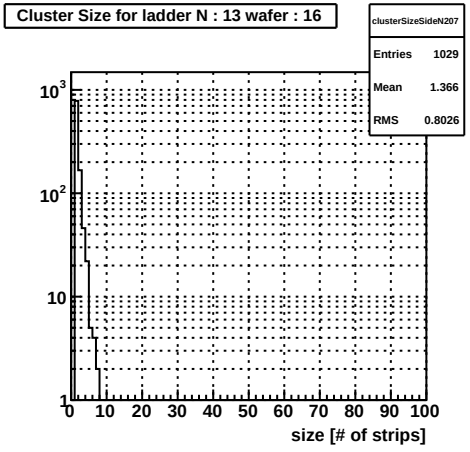

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 691
Mean 1.548
RMS 0.8849
size [# of strips]

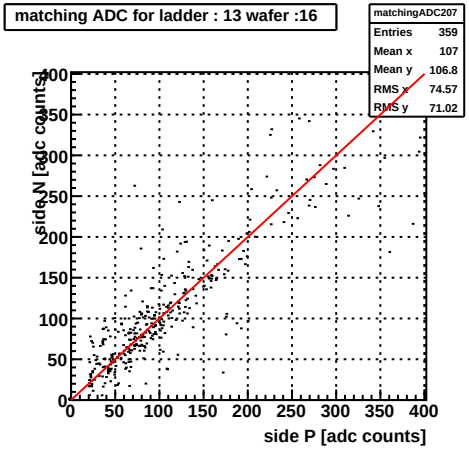

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 474
Mean x 89.94
Mean y 86.1
RMS x 66.83
RMS y 63.17
side N [adc counts]
side P [adc counts]

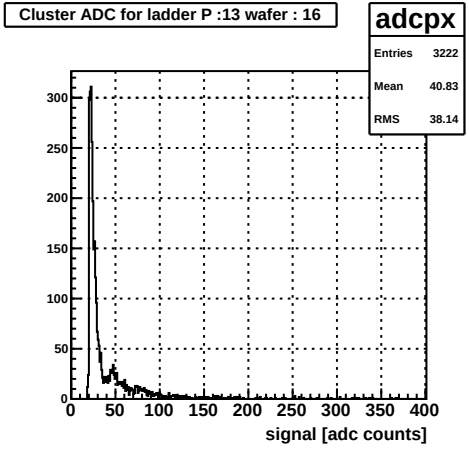

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 991
Mean 58.44
RMS 58.35
signal [adc counts]

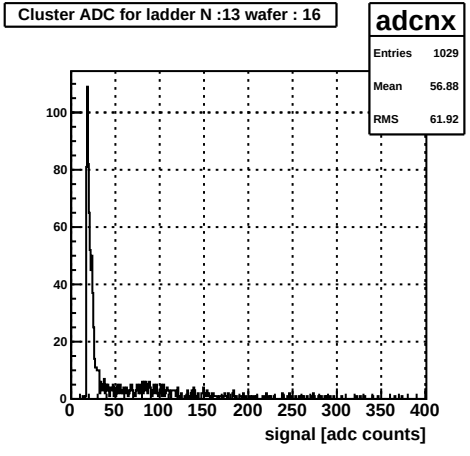

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 691
Mean 72.78
RMS 65.89
signal [adc counts]

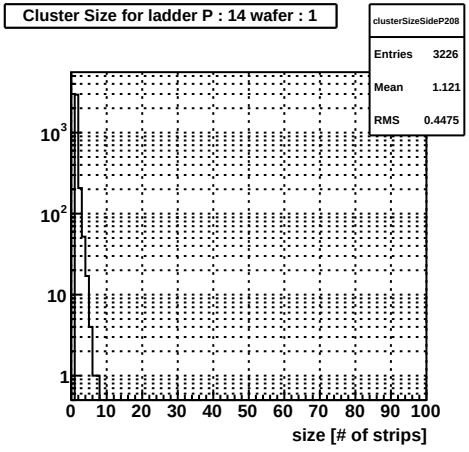

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3222
Mean 1.318
RMS 0.6612
size [# of strips]

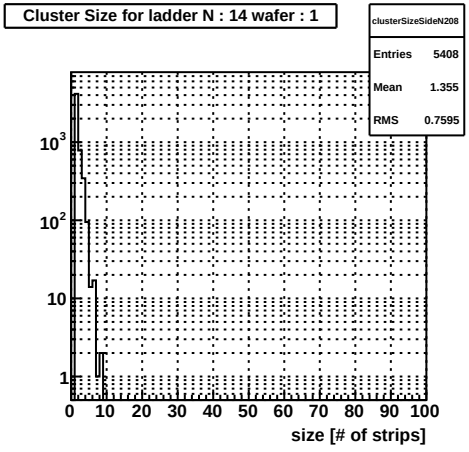

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1029
Mean 1.366
RMS 0.8026
size [# of strips]

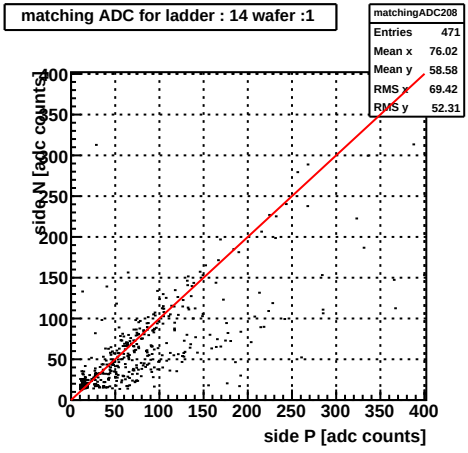

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 359
Mean x 107
Mean y 106.8
RMS x 74.57
RMS y 71.02
side N [adc counts]
side P [adc counts]

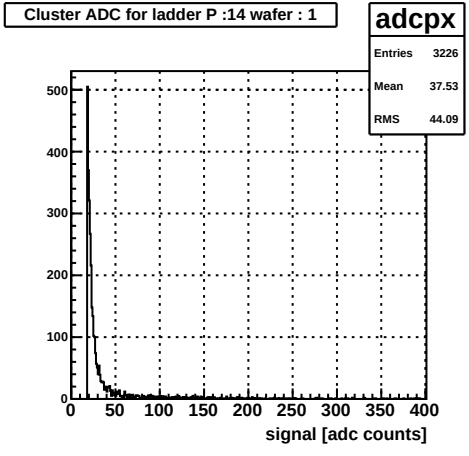

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3222
Mean 40.83
RMS 38.14
signal [adc counts]

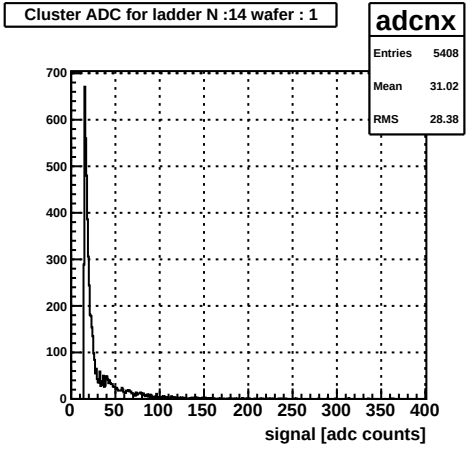

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1029
Mean 56.88
RMS 61.92
signal [adc counts]

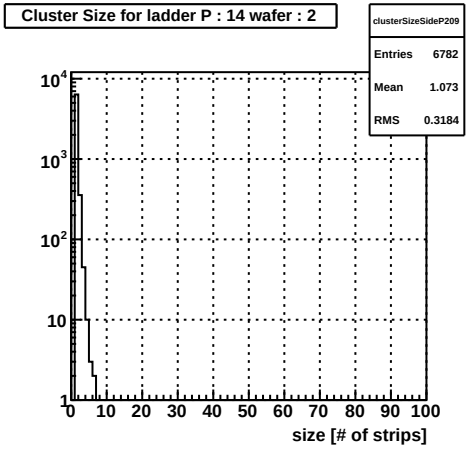

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3226
Mean 1.121
RMS 0.4475
size [# of strips]

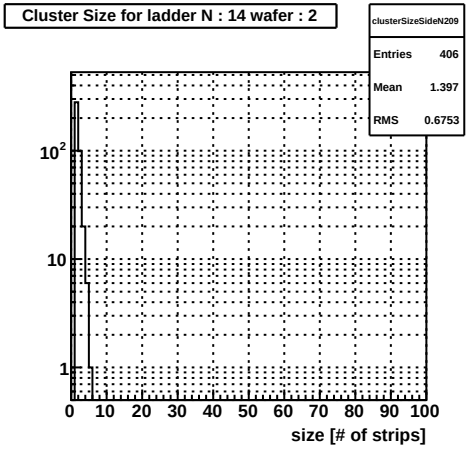

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5408
Mean 1.355
RMS 0.7595
size [# of strips]

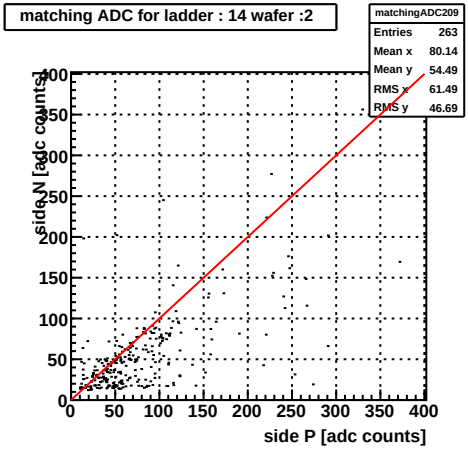

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 471
Mean x 76.02
Mean y 58.58
RMS x 69.42
RMS y 52.31
side N [adc counts]
side P [adc counts]

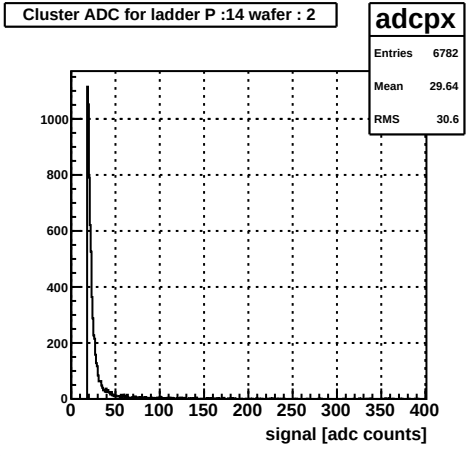

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3226
Mean 37.53
RMS 44.09
signal [adc counts]

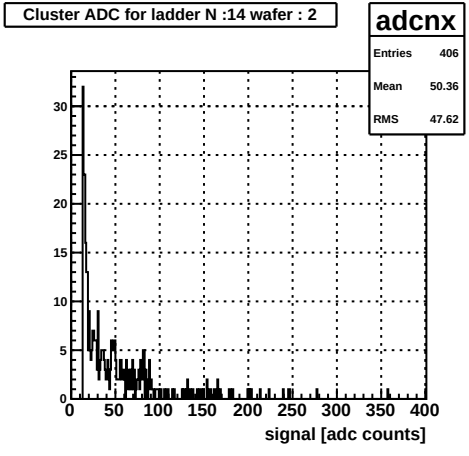

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5408
Mean 31.02
RMS 28.38
signal [adc counts]

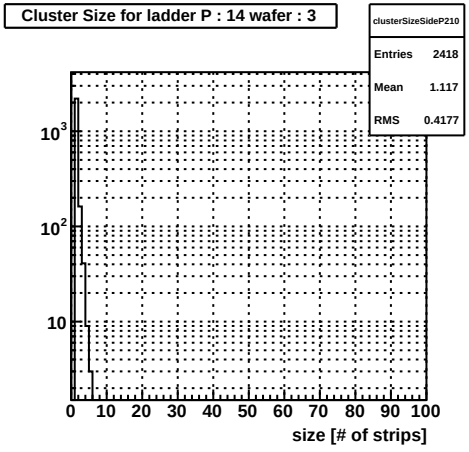

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6782
Mean 1.073
RMS 0.3184
size [# of strips]

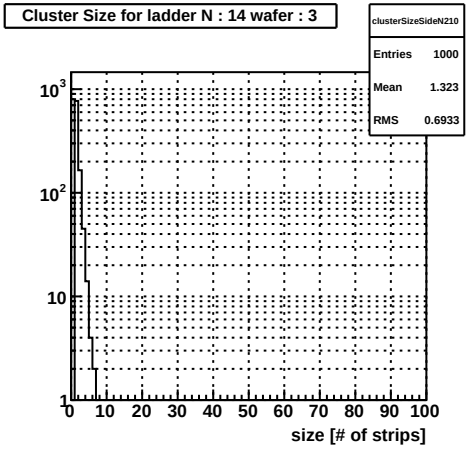

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 406
Mean 1.397
RMS 0.6753
size [# of strips]

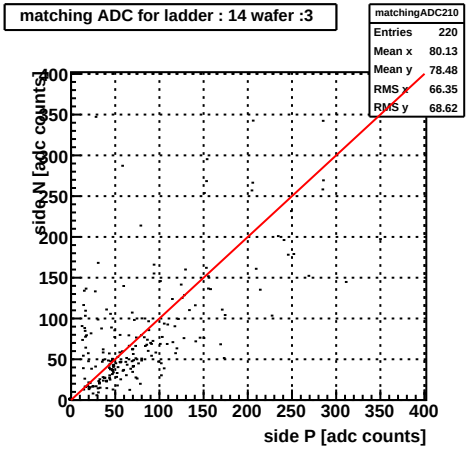

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 263
Mean x 80.14
Mean y 54.49
RMS x 61.49
RMS y 46.69
side N [adc counts]
side P [adc counts]

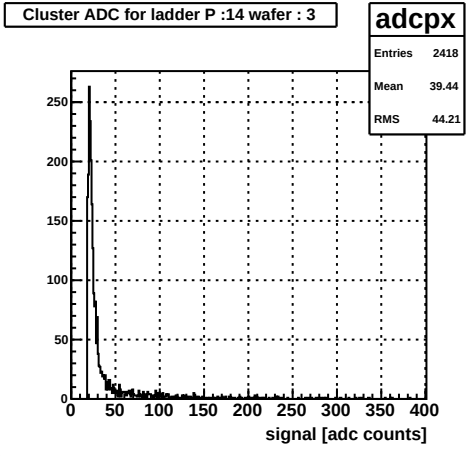

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6782
Mean 29.64
RMS 30.6
signal [adc counts]

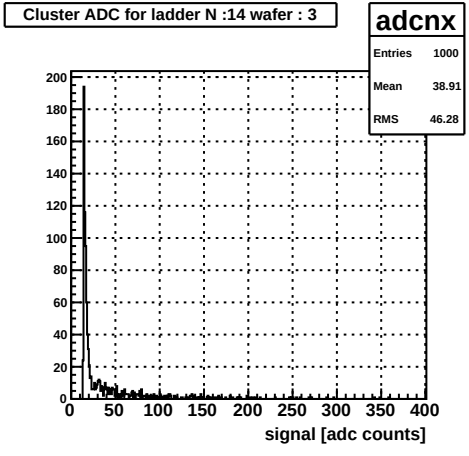

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 406
Mean 50.36
RMS 47.62
signal [adc counts]

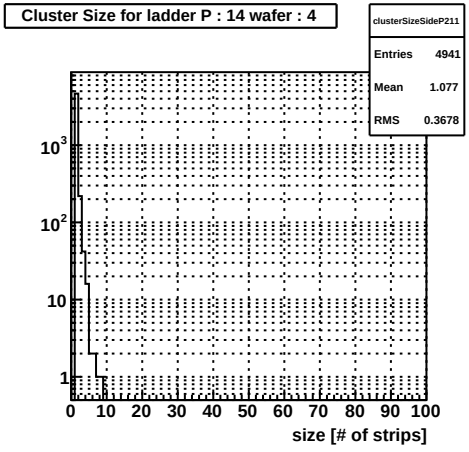

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2418
Mean 1.117
RMS 0.4177
size [# of strips]

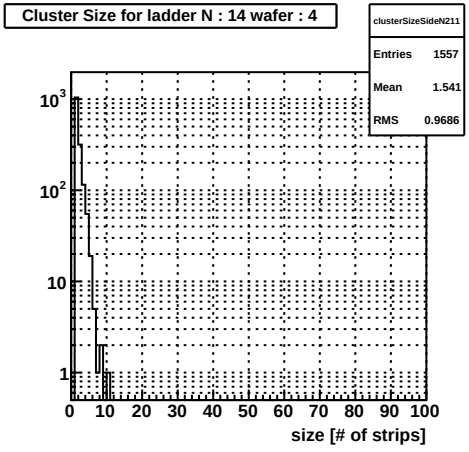

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1000
Mean 1.323
RMS 0.6933
size [# of strips]

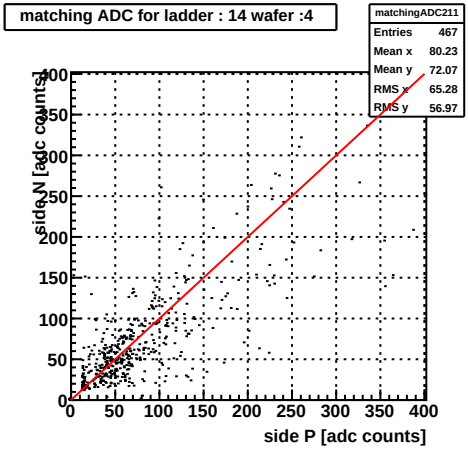

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 220
Mean x 80.13
Mean y 78.48
RMS x 66.35
RMS y 68.62
side N [adc counts]
side P [adc counts]

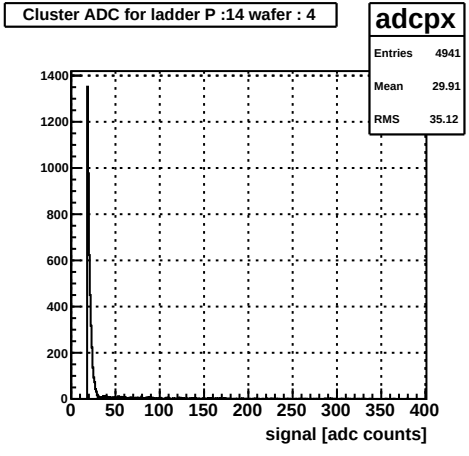

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2418
Mean 39.44
RMS 44.21
signal [adc counts]

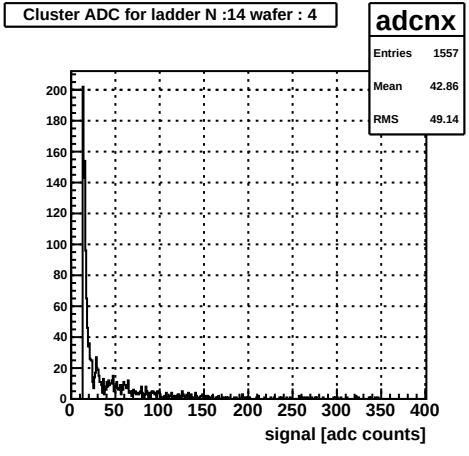

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1000
Mean 38.91
RMS 46.28
signal [adc counts]

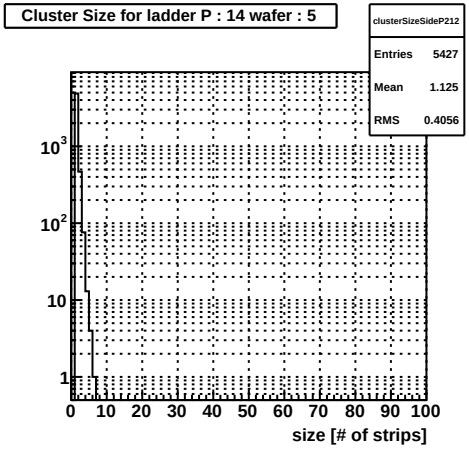

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4941
Mean 1.077
RMS 0.3678
size [# of strips]

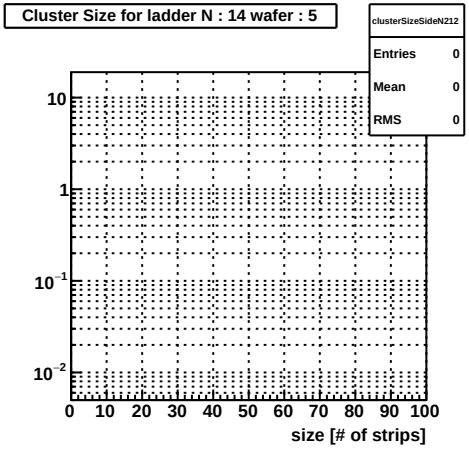

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1557
Mean 1.541
RMS 0.9686
size [# of strips]

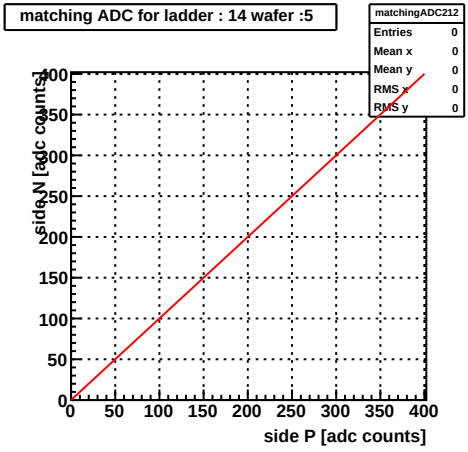

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 467
Mean x 80.23
Mean y 72.07
RMS x 65.28
RMS y 56.97
side N [adc counts]
side P [adc counts]

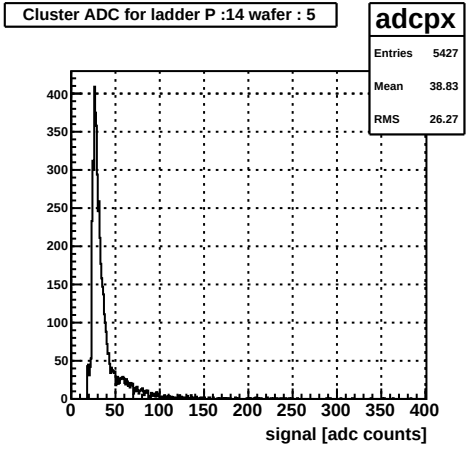

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4941
Mean 29.91
RMS 35.12
signal [adc counts]

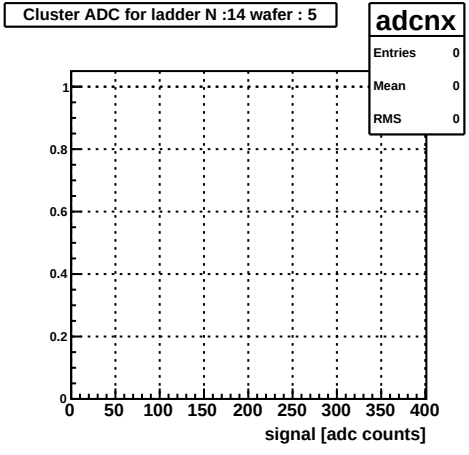

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1557
Mean 42.86
RMS 49.14
signal [adc counts]

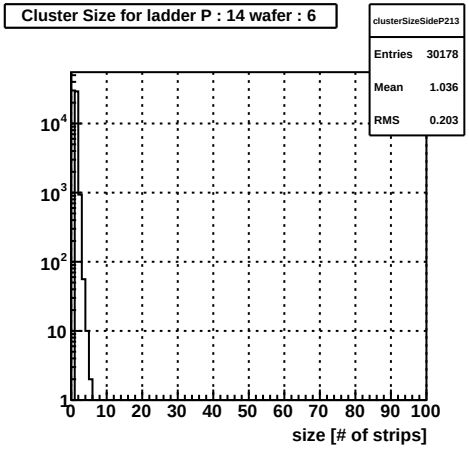

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5427
Mean 1.125
RMS 0.4056
size [# of strips]

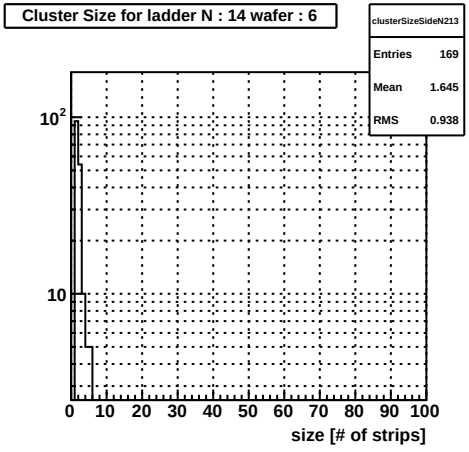

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

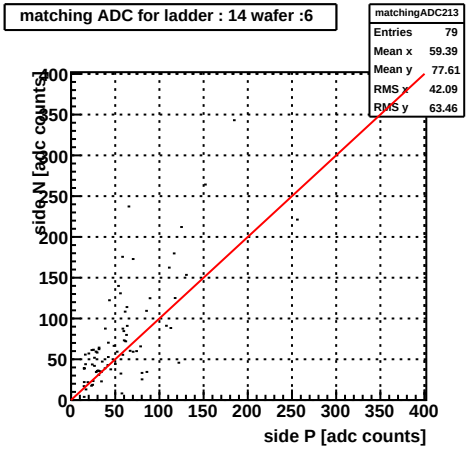

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

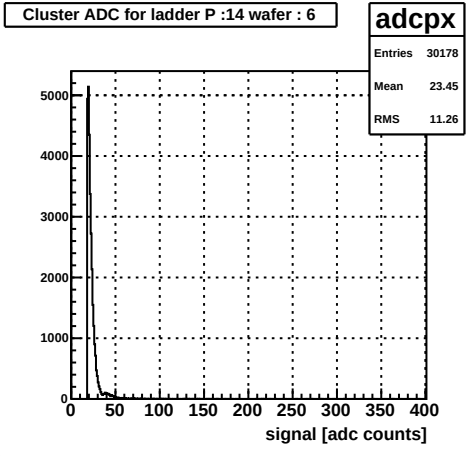

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5427
Mean 38.83
RMS 26.27
signal [adc counts]

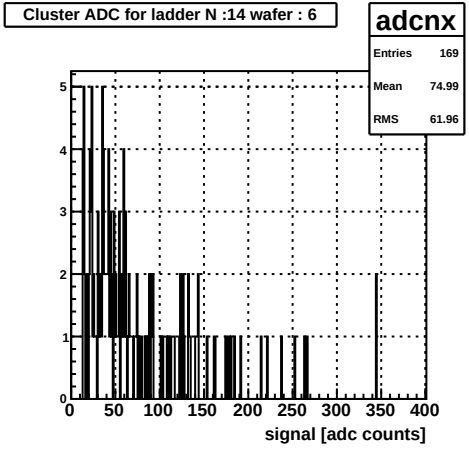

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

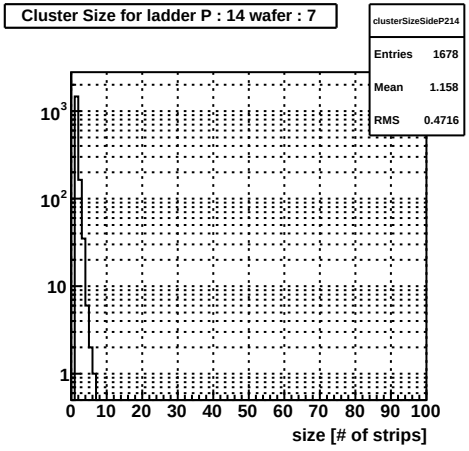

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 30178
Mean 1.036
RMS 0.203
size [# of strips]

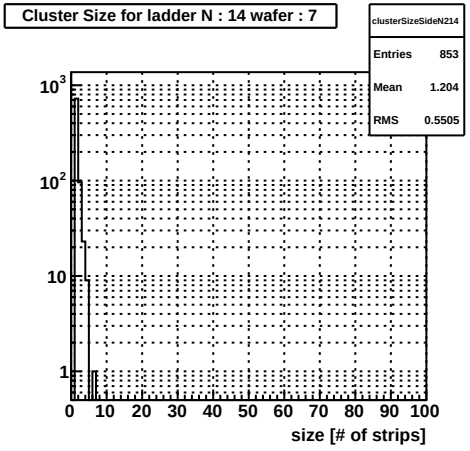

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 169
Mean 1.645
RMS 0.938
size [# of strips]

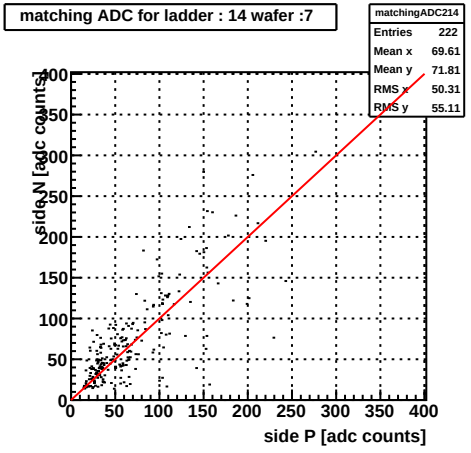

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 79
Mean x 59.39
Mean y 77.61
RMS x 42.09
RMS y 63.46
side N [adc counts]
side P [adc counts]

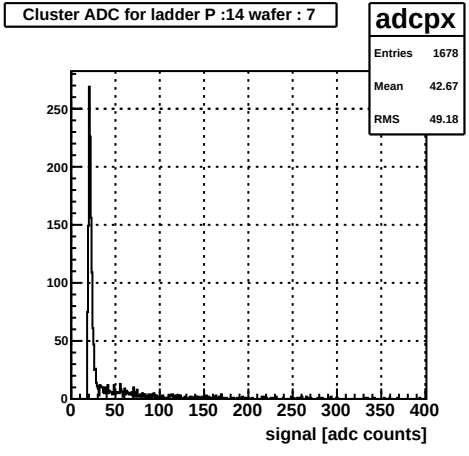

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 30178
Mean 23.45
RMS 11.26
signal [adc counts]

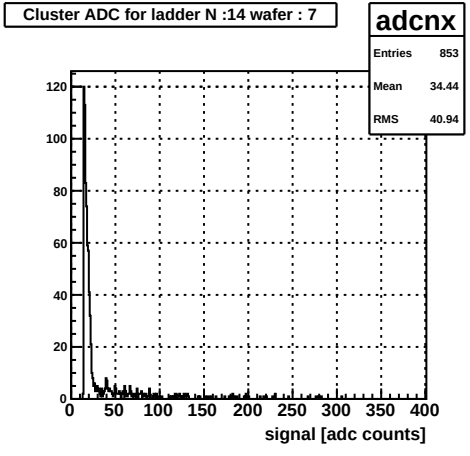

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 169
Mean 74.99
RMS 61.96
signal [adc counts]

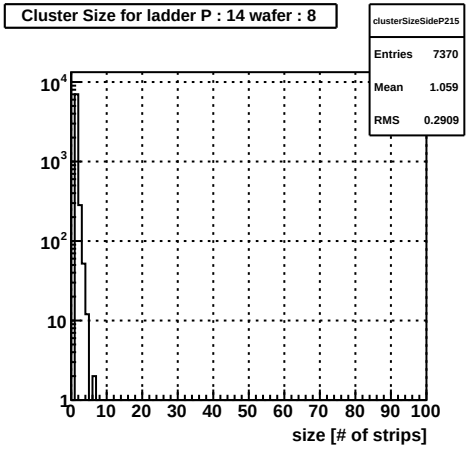

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1678
Mean 1.158
RMS 0.4716
size [# of strips]

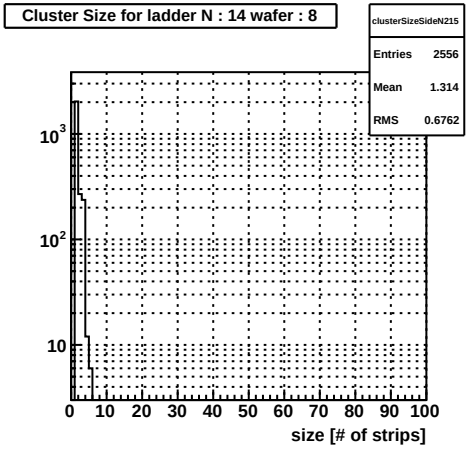

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 853
Mean 1.204
RMS 0.5505
size [# of strips]

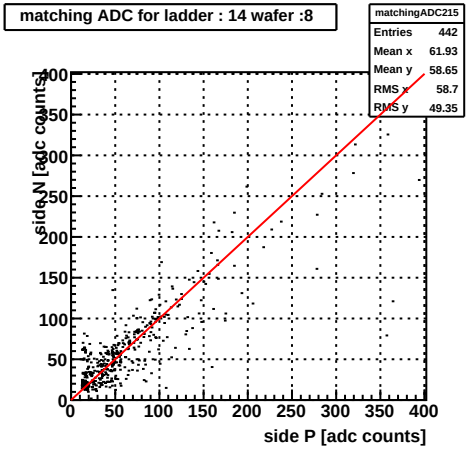

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 222
Mean x 69.61
Mean y 71.81
RMS x 50.31
RMS y 55.11
side N [adc counts]
side P [adc counts]

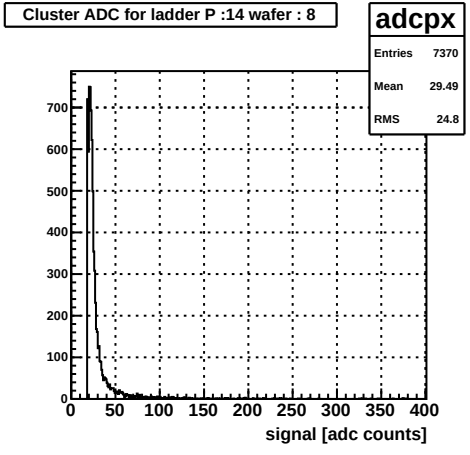

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1678
Mean 42.67
RMS 49.18
signal [adc counts]

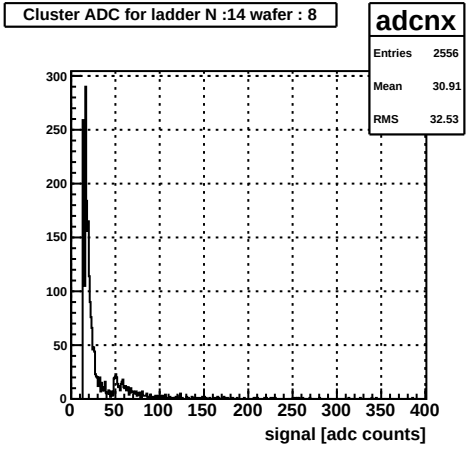

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 853
Mean 34.44
RMS 40.94
signal [adc counts]

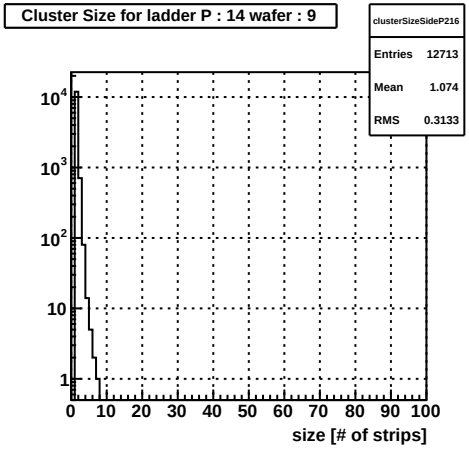

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7370
Mean 1.059
RMS 0.2909
size [# of strips]

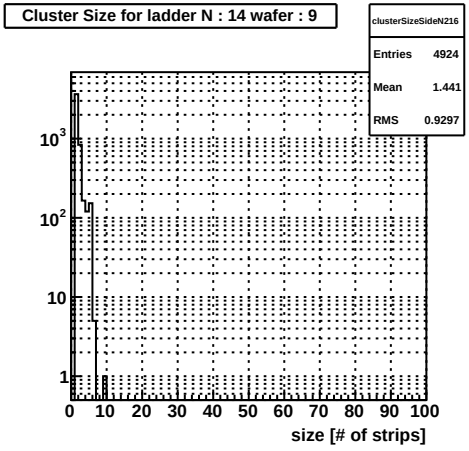

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2556
Mean 1.314
RMS 0.6762
size [# of strips]

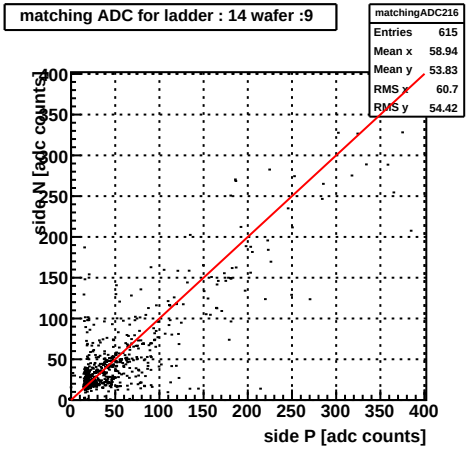

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 442
Mean x 61.93
Mean y 58.65
RMS x 58.7
RMS y 49.35
side N [adc counts]
side P [adc counts]

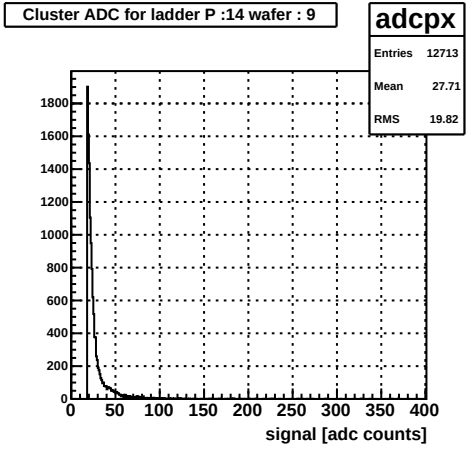

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7370
Mean 29.49
RMS 24.8
signal [adc counts]

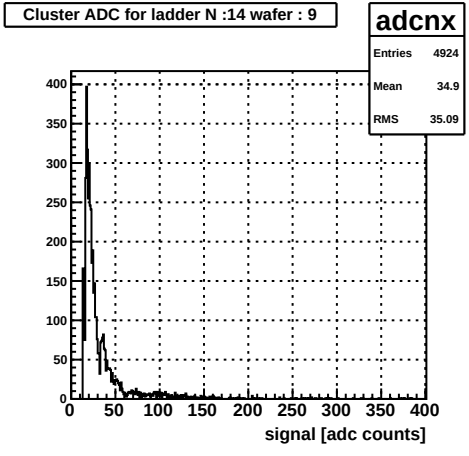

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2556
Mean 30.91
RMS 32.53
signal [adc counts]

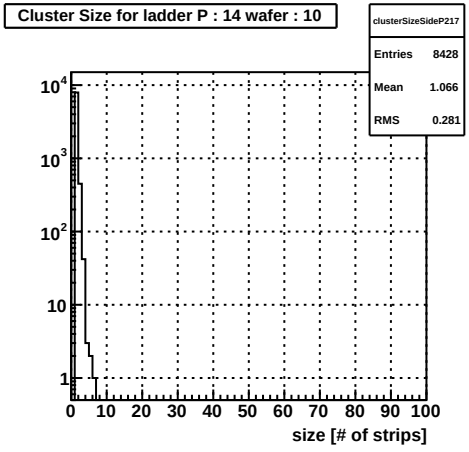

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12713
Mean 1.074
RMS 0.3133
size [# of strips]

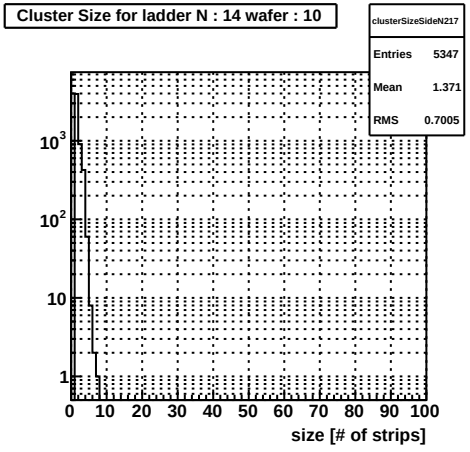

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4924
Mean 1.441
RMS 0.9297
size [# of strips]

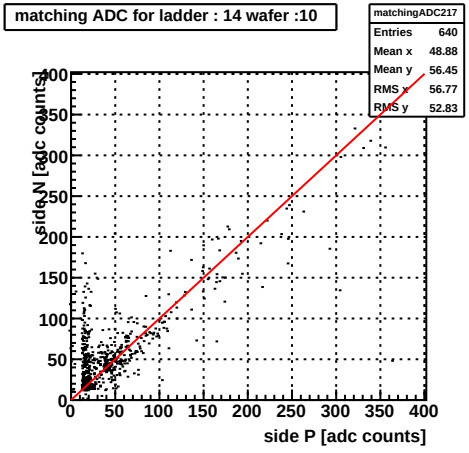

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 615
Mean x 58.94
Mean y 53.83
RMS x 60.7
RMS y 54.42
side N [adc counts]
side P [adc counts]

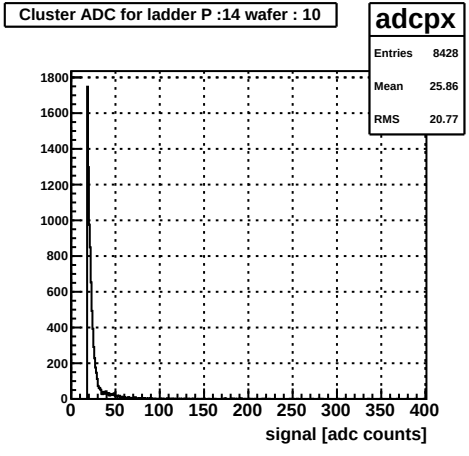

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12713
Mean 27.71
RMS 19.82
signal [adc counts]

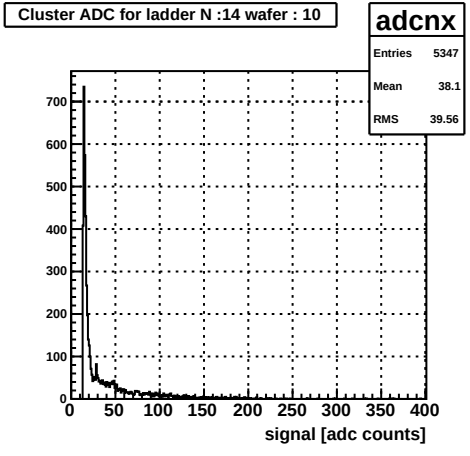

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4924
Mean 34.9
RMS 35.09
signal [adc counts]

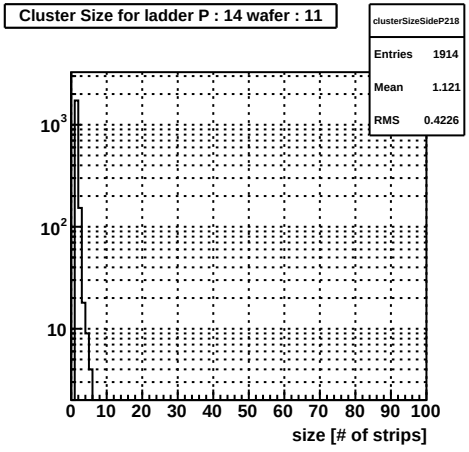

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 8428
Mean 1.066
RMS 0.281
size [# of strips]

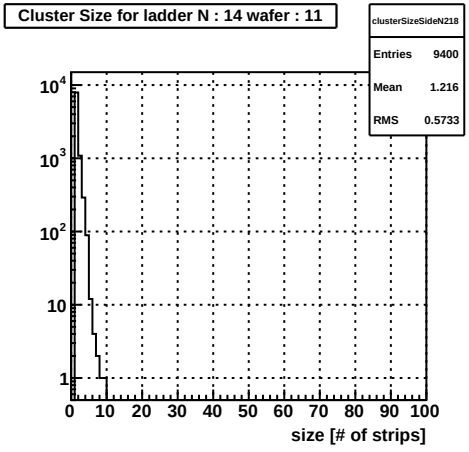

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5347
Mean 1.371
RMS 0.7005
size [# of strips]

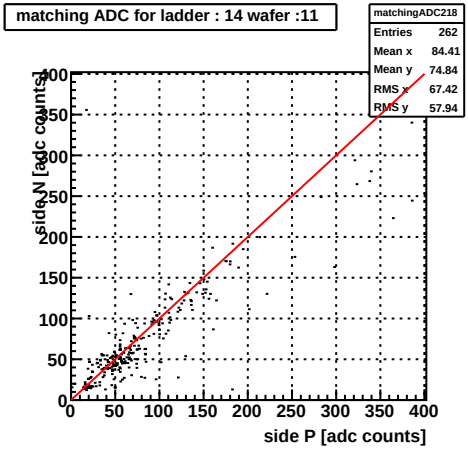

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 640
Mean x 48.88
Mean y 56.45
RMS x 56.77
RMS y 52.83
side N [adc counts]
side P [adc counts]

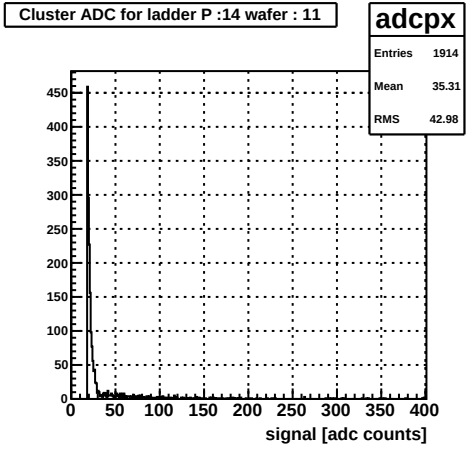

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 8428
Mean 25.86
RMS 20.77
signal [adc counts]

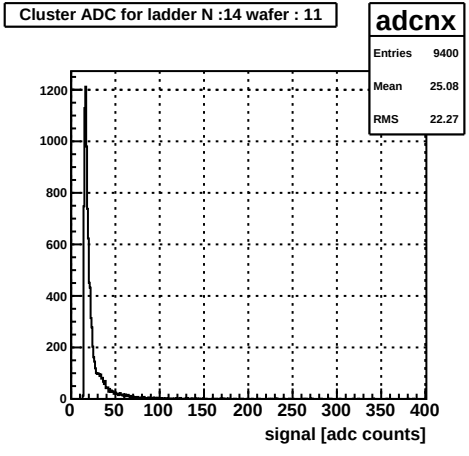

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5347
Mean 38.1
RMS 39.56
signal [adc counts]

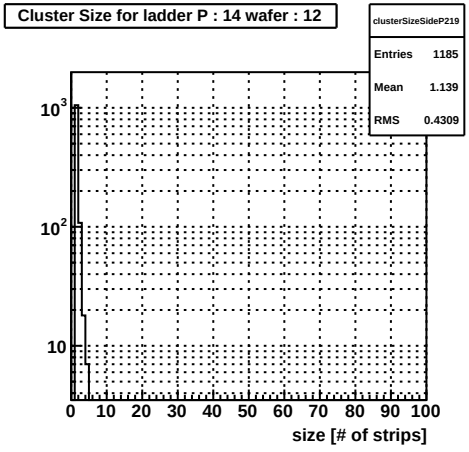

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1914
Mean 1.121
RMS 0.4226
size [# of strips]

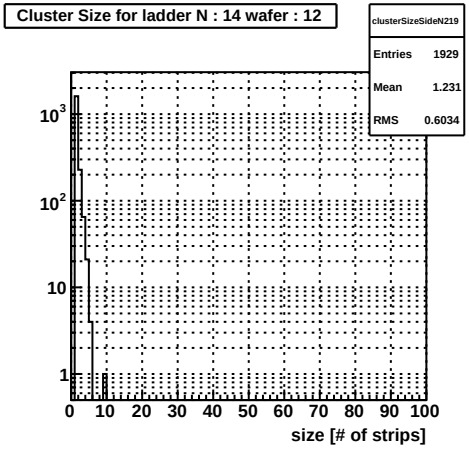

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9400
Mean 1.216
RMS 0.5733
size [# of strips]

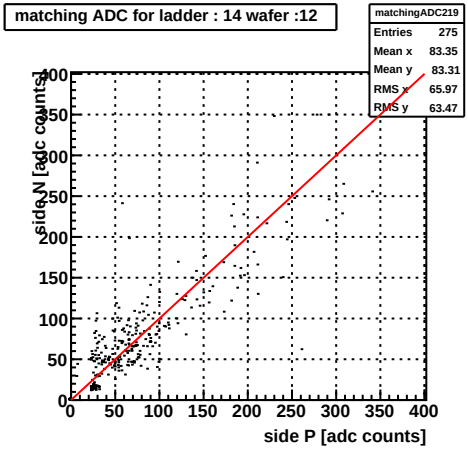

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 262
Mean x 84.41
Mean y 74.84
RMS x 67.42
RMS y 57.94
side N [adc counts]
side P [adc counts]

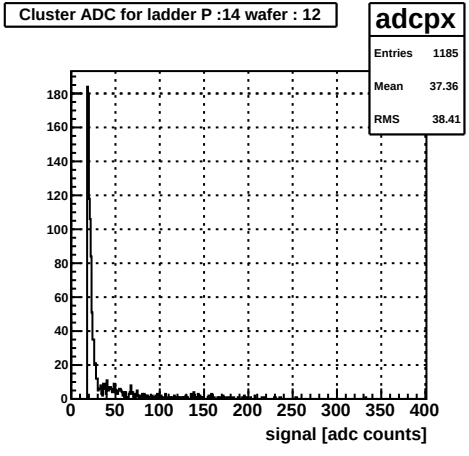

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1914
Mean 35.31
RMS 42.98
signal [adc counts]

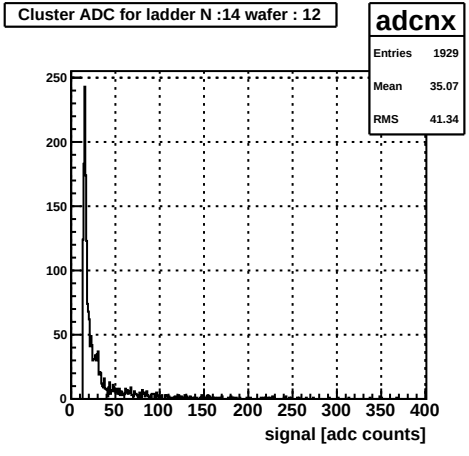

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9400
Mean 25.08
RMS 22.27
signal [adc counts]

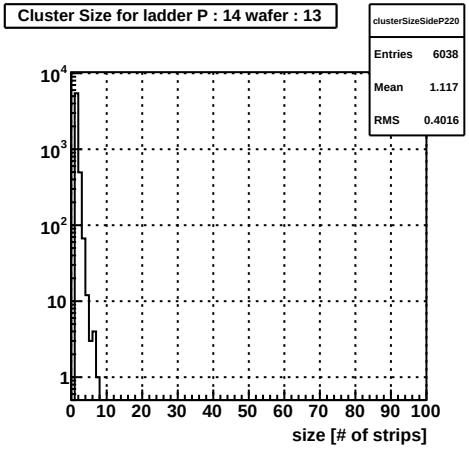

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1185
Mean 1.139
RMS 0.4309
size [# of strips]

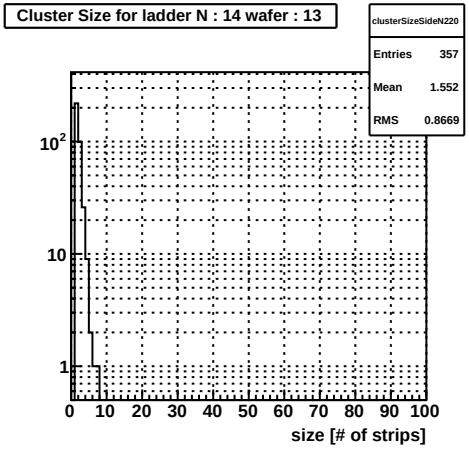

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1929
Mean 1.231
RMS 0.6034
size [# of strips]

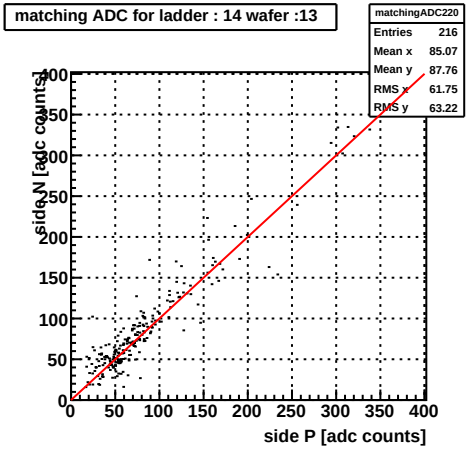

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 275
Mean x 83.35
Mean y 83.31
RMS x 65.97
RMS y 63.47
side N [adc counts]
side P [adc counts]

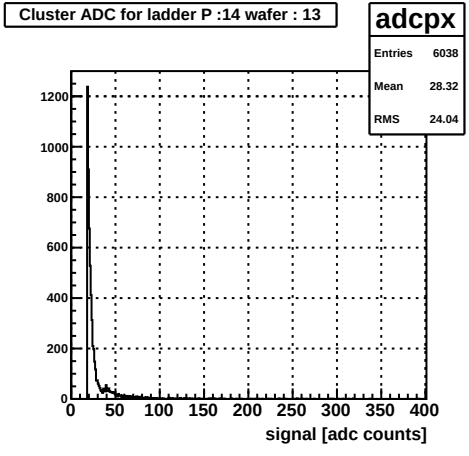

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1185
Mean 37.36
RMS 38.41
signal [adc counts]

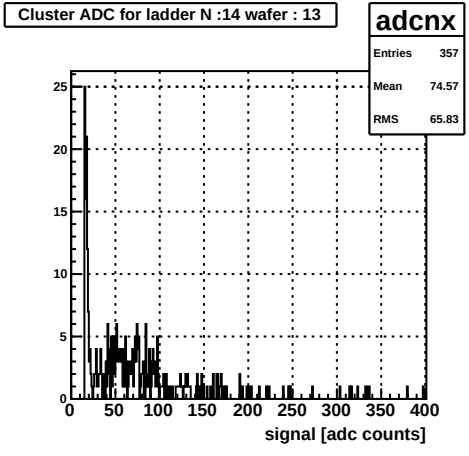

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1929
Mean 35.07
RMS 41.34
signal [adc counts]

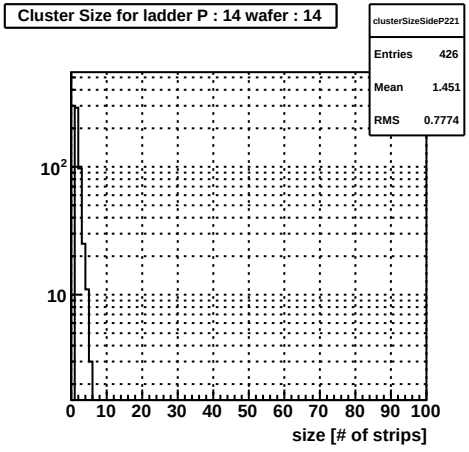

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6038
Mean 1.117
RMS 0.4016
size [# of strips]

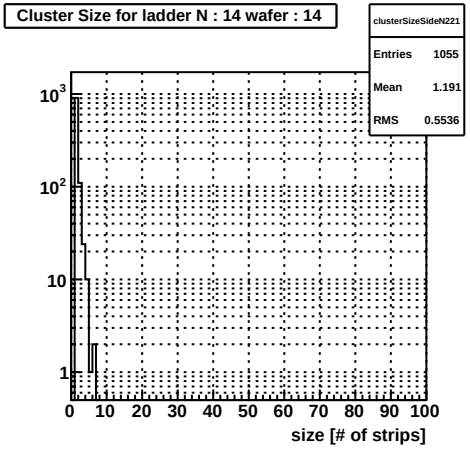

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 357
Mean 1.552
RMS 0.8669
size [# of strips]

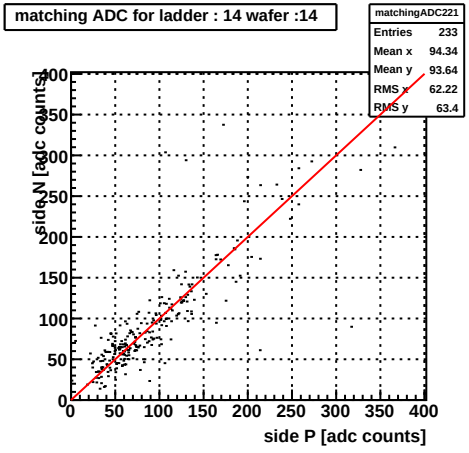

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 216
Mean x 85.07
Mean y 87.76
RMS x 61.75
RMS y 63.22
side N [adc counts]
side P [adc counts]

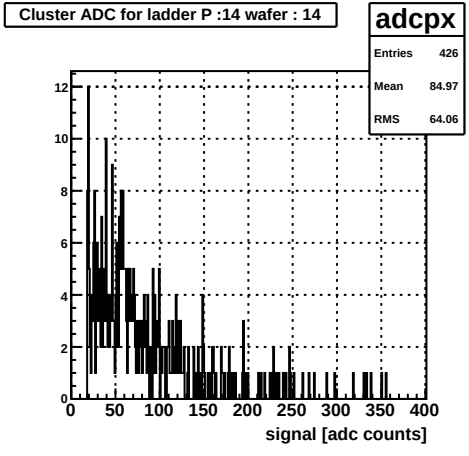

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6038
Mean 28.32
RMS 24.04
signal [adc counts]

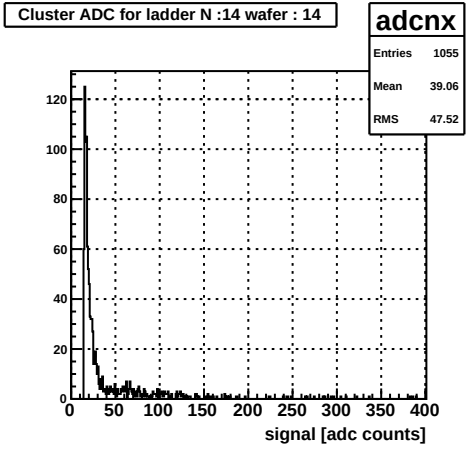

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 357
Mean 74.57
RMS 65.83
signal [adc counts]

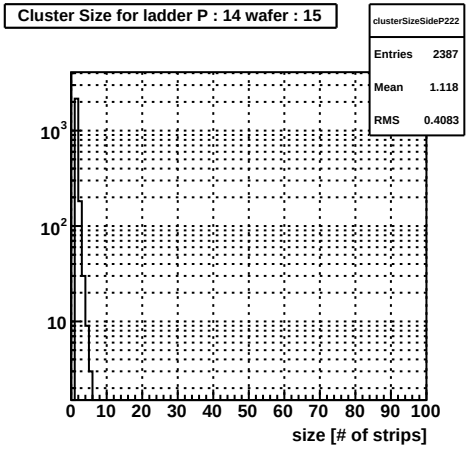

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 426
Mean 1.451
RMS 0.7774
size [# of strips]

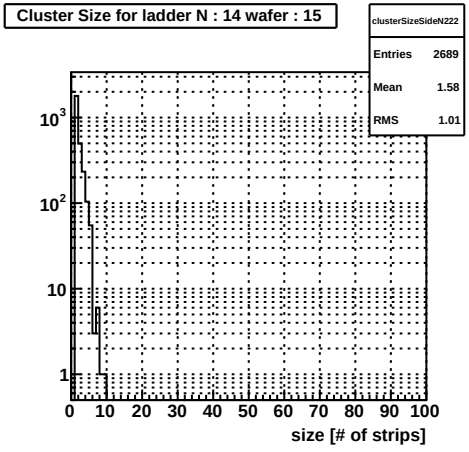

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1055
Mean 1.191
RMS 0.5536
size [# of strips]

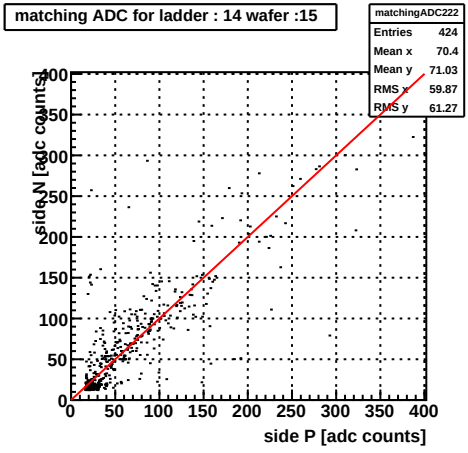

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 233
Mean x 94.34
Mean y 93.64
RMS x 62.22
RMS y 63.4
side N [adc counts]
side P [adc counts]

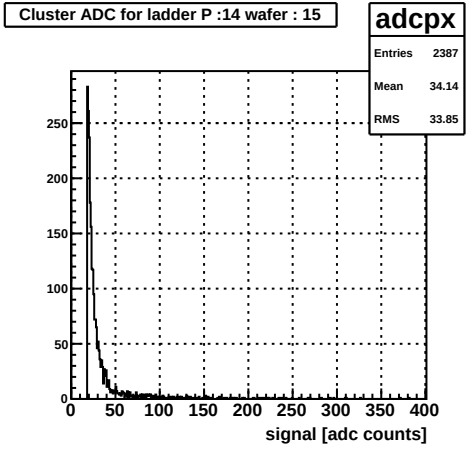

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 426
Mean 84.97
RMS 64.06
signal [adc counts]

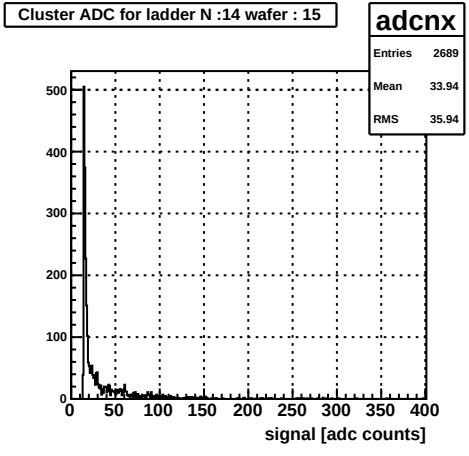

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1055
Mean 39.06
RMS 47.52
signal [adc counts]

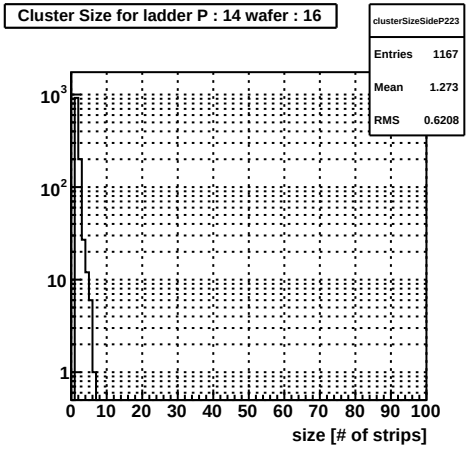

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2387
Mean 1.118
RMS 0.4083
size [# of strips]

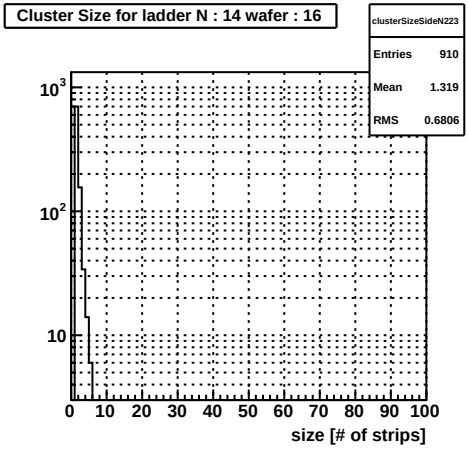

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2689
Mean 1.58
RMS 1.01
size [# of strips]

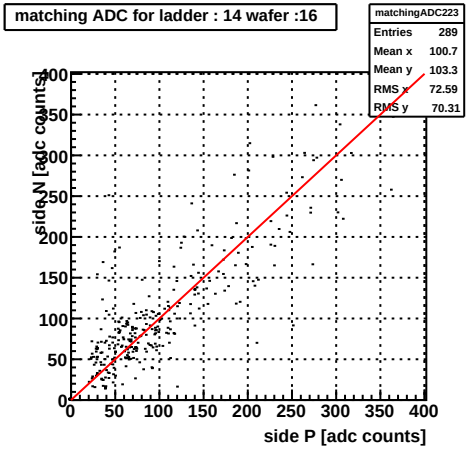

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 424
Mean x 70.4
Mean y 71.03
RMS x 59.87
RMS y 61.27
side N [adc counts]
side P [adc counts]

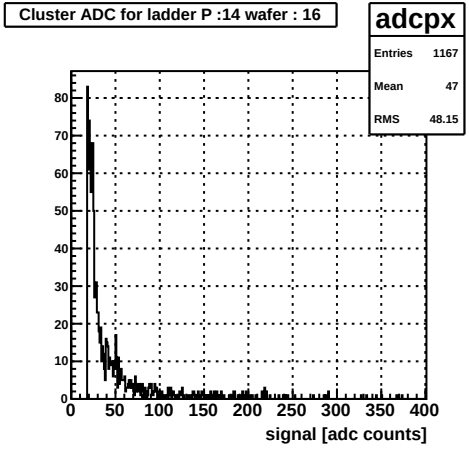

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2387
Mean 34.14
RMS 33.85
signal [adc counts]

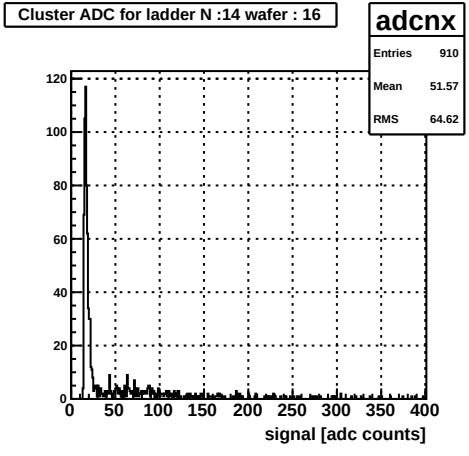

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2689
Mean 33.94
RMS 35.94
signal [adc counts]

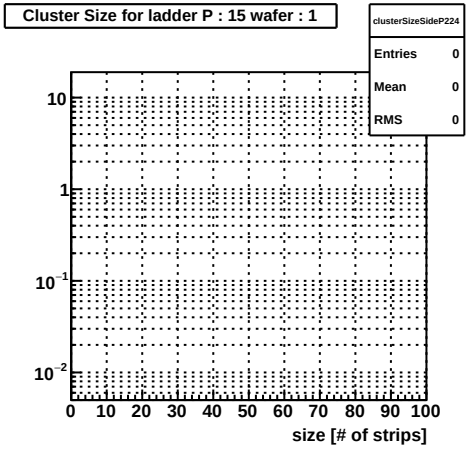

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1167
Mean 1.273
RMS 0.6208
size [# of strips]

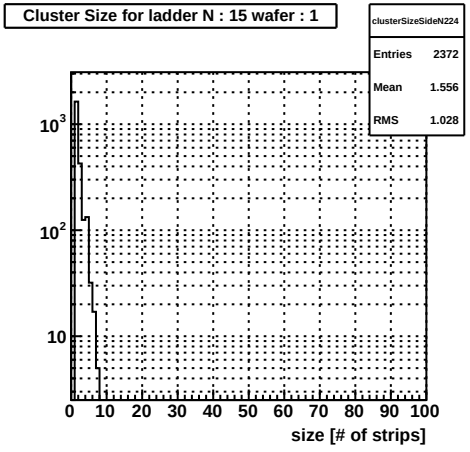

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 910
Mean 1.319
RMS 0.6806
size [# of strips]

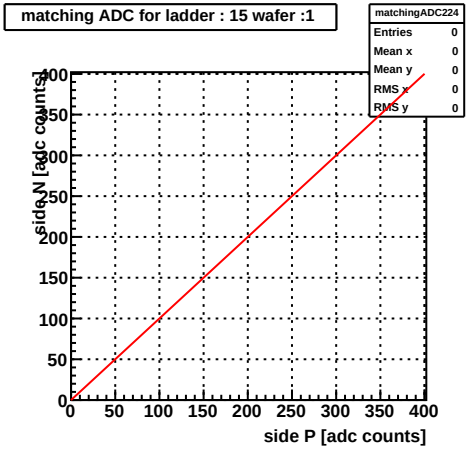

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 289
Mean x 100.7
Mean y 103.3
RMS x 72.59
RMS y 70.31
side N [adc counts]
side P [adc counts]

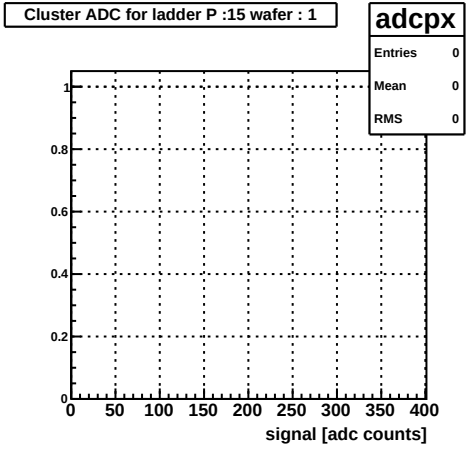

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1167
Mean 47
RMS 48.15
signal [adc counts]

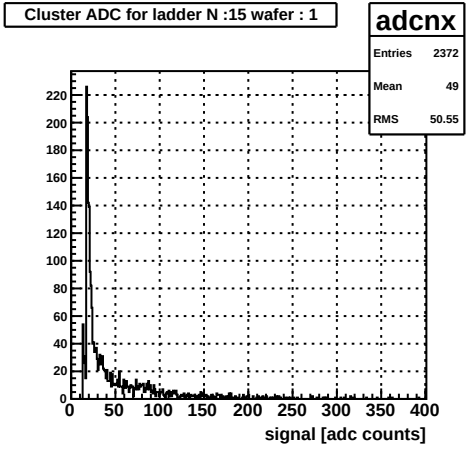

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 910
Mean 51.57
RMS 64.62
signal [adc counts]

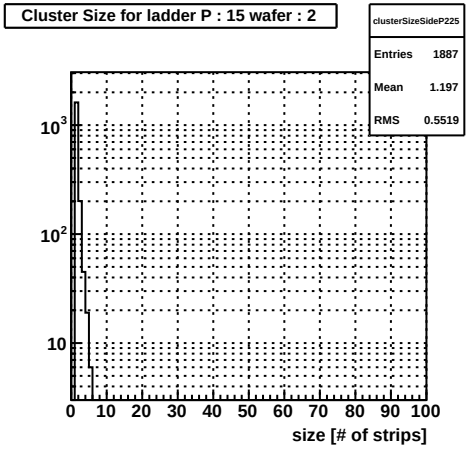

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

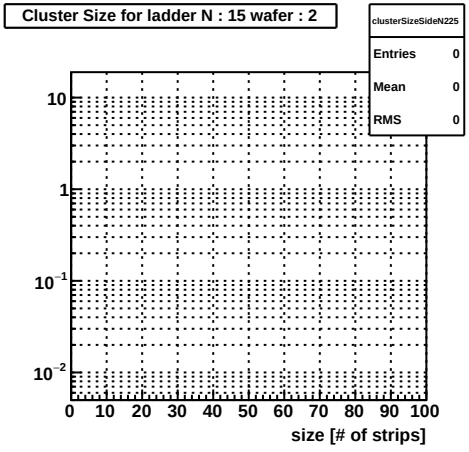

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2372
Mean 1.556
RMS 1.028
size [# of strips]

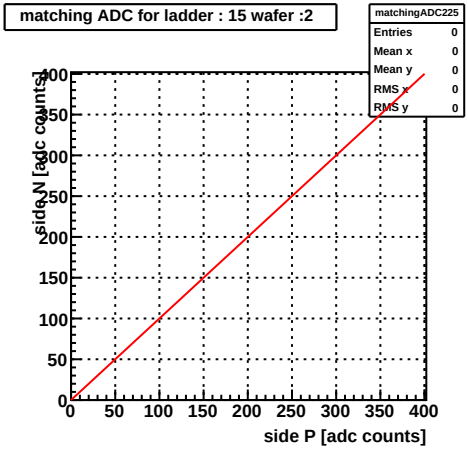

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

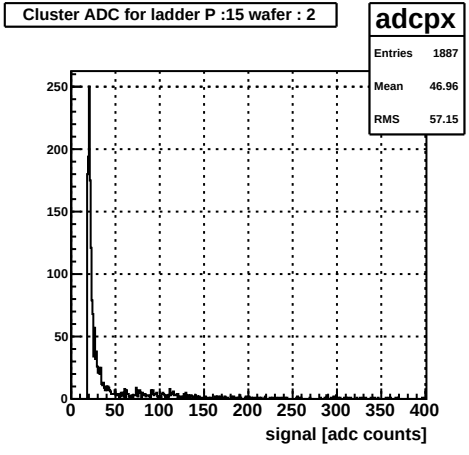

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

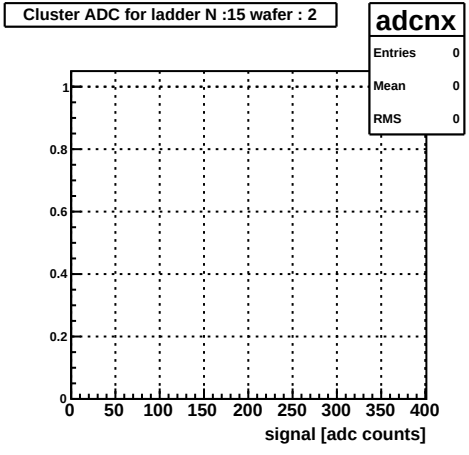

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2372
Mean 49
RMS 50.55
signal [adc counts]

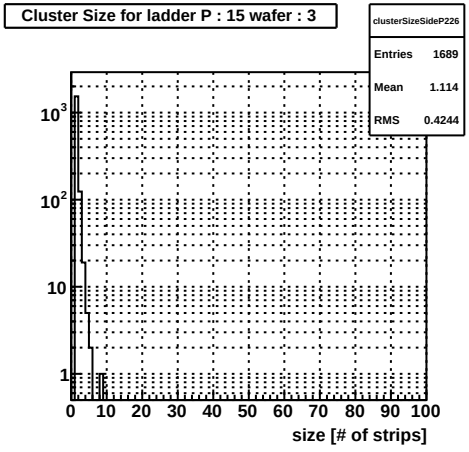

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1887
Mean 1.197
RMS 0.5519
size [# of strips]

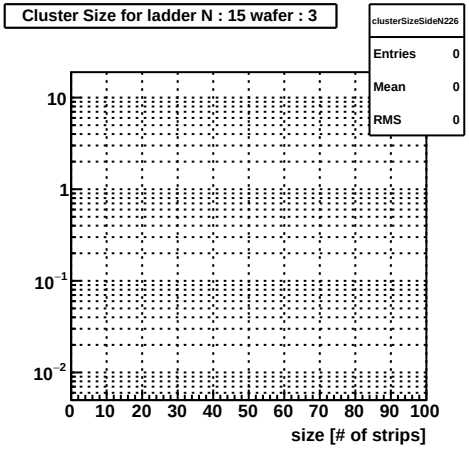

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

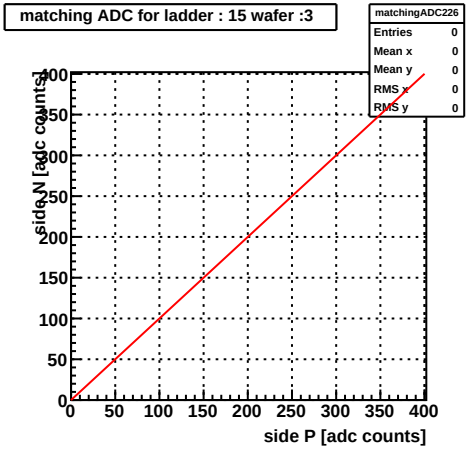

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

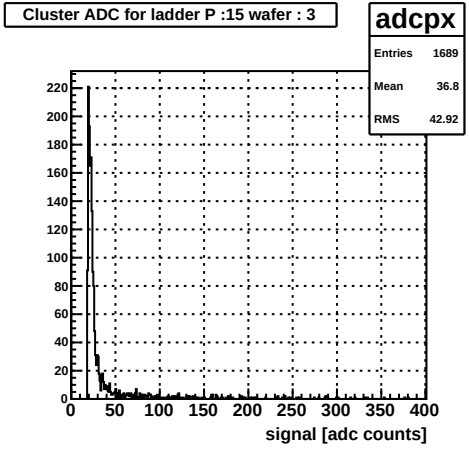

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1887
Mean 46.96
RMS 57.15
signal [adc counts]

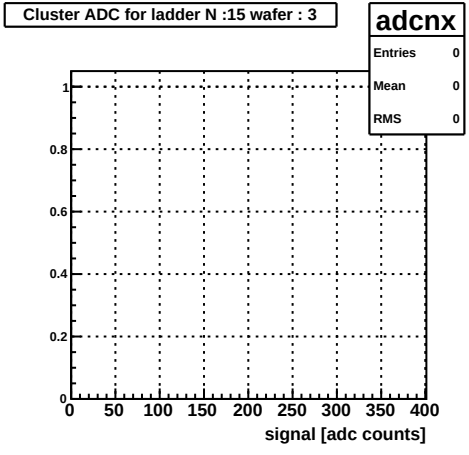

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

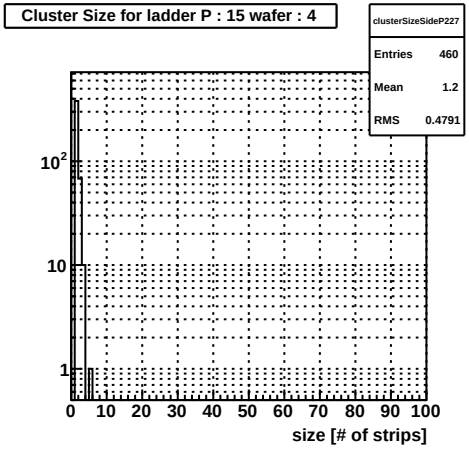

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1689
Mean 1.114
RMS 0.4244
size [# of strips]

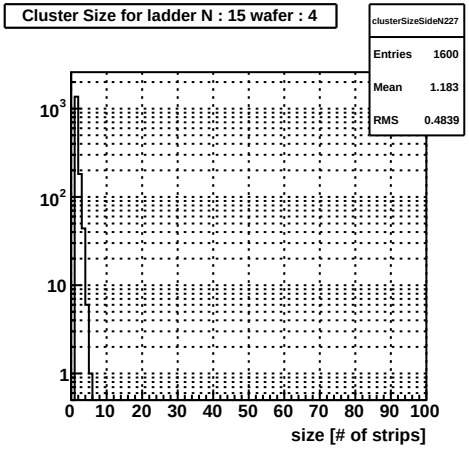

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

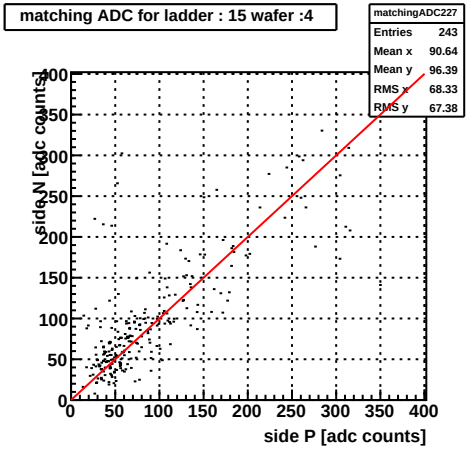

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

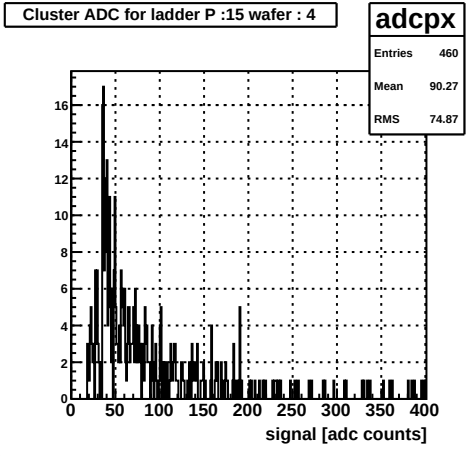

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1689
Mean 36.8
RMS 42.92
signal [adc counts]

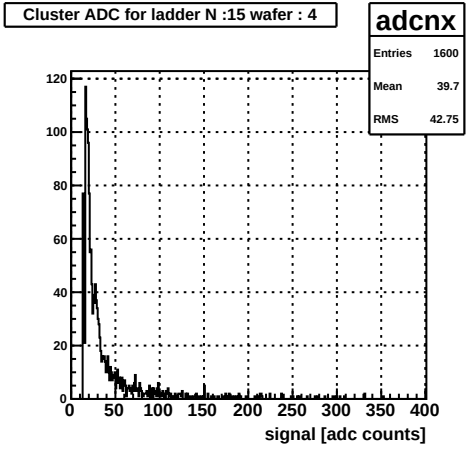

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

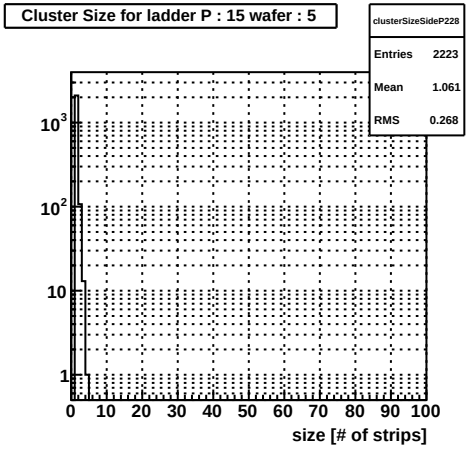

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 460
Mean 1.2
RMS 0.4791
size [# of strips]

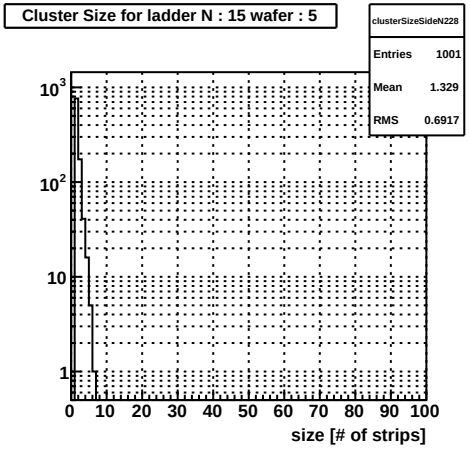

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1600
Mean 1.183
RMS 0.4839
size [# of strips]

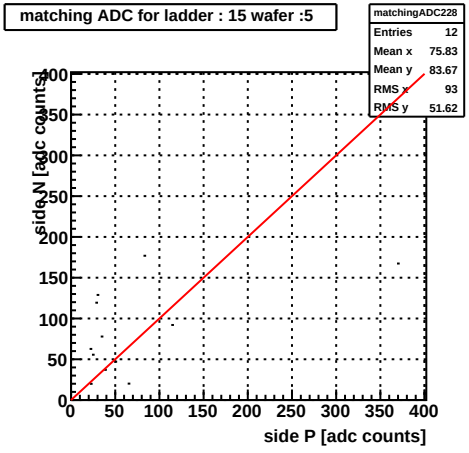

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 243
Mean x 90.64
Mean y 96.39
RMS x 68.33
RMS y 67.38
side N [adc counts]
side P [adc counts]

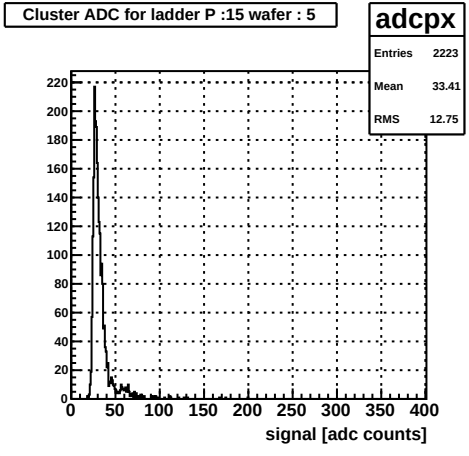

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 460
Mean 90.27
RMS 74.87
signal [adc counts]

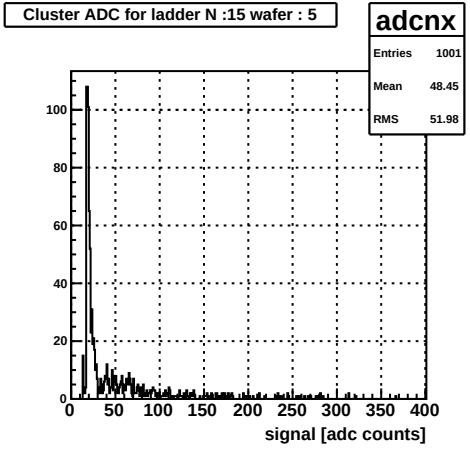

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1600
Mean 39.7
RMS 42.75
signal [adc counts]

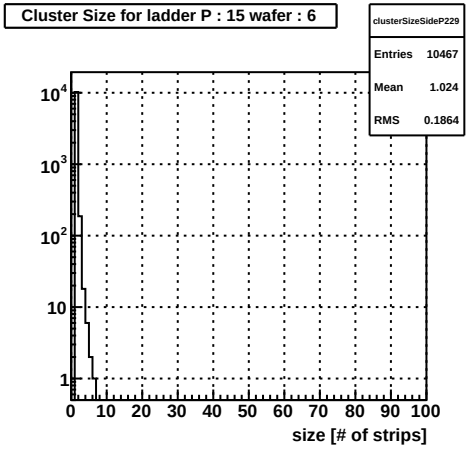

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2223
Mean 1.061
RMS 0.268
size [# of strips]

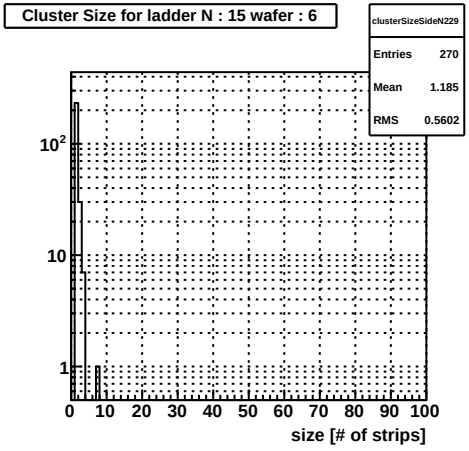

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1001
Mean 1.329
RMS 0.6917
size [# of strips]

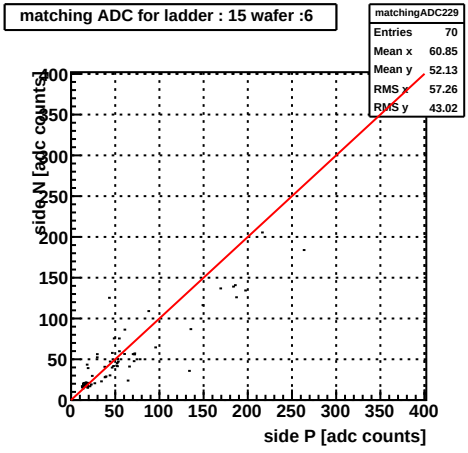

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 12
Mean x 75.83
Mean y 83.67
RMS x 93
RMS y 51.62
side N [adc counts]
side P [adc counts]

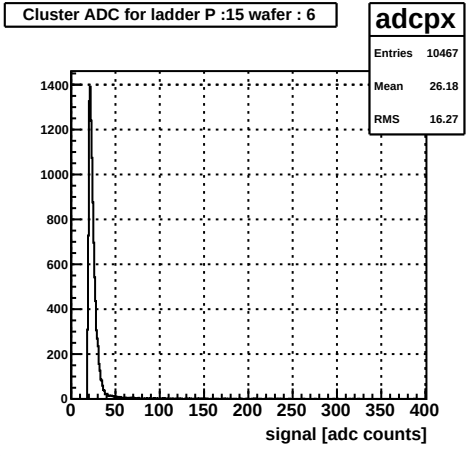

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2223
Mean 33.41
RMS 12.75
signal [adc counts]

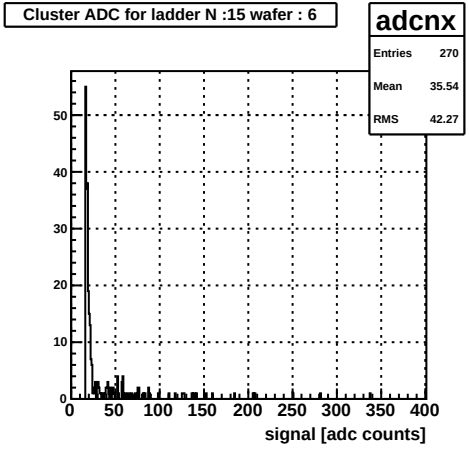

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1001
Mean 48.45
RMS 51.98
signal [adc counts]

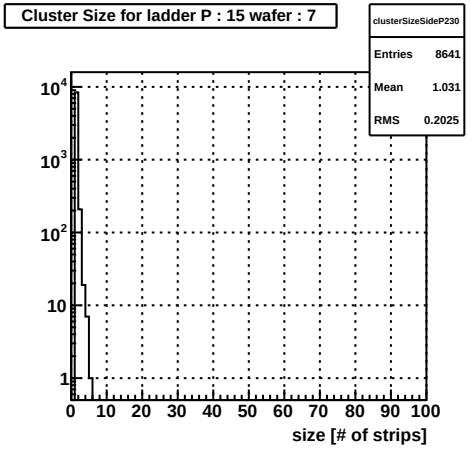

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10467
Mean 1.024
RMS 0.1864
size [# of strips]

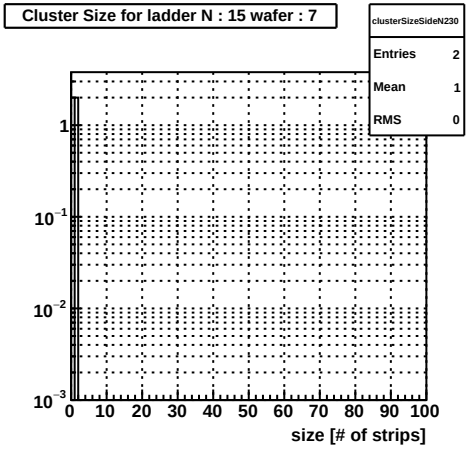

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 270
Mean 1.185
RMS 0.5602
size [# of strips]

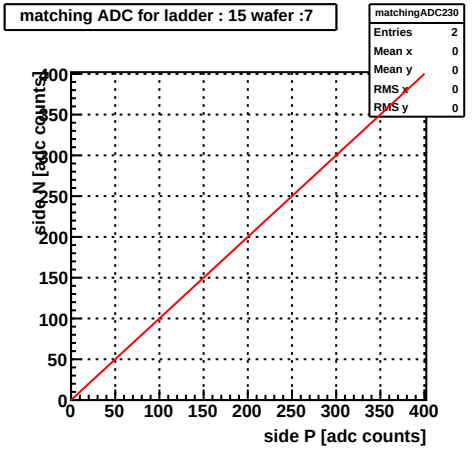

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 70
Mean x 60.85
Mean y 52.13
RMS x 57.26
RMS y 43.02
side N [adc counts]
side P [adc counts]

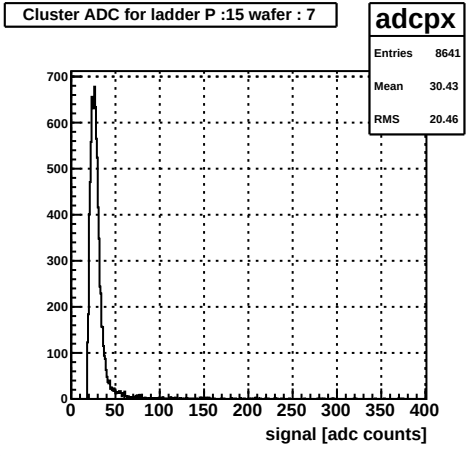

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10467
Mean 26.18
RMS 16.27
signal [adc counts]

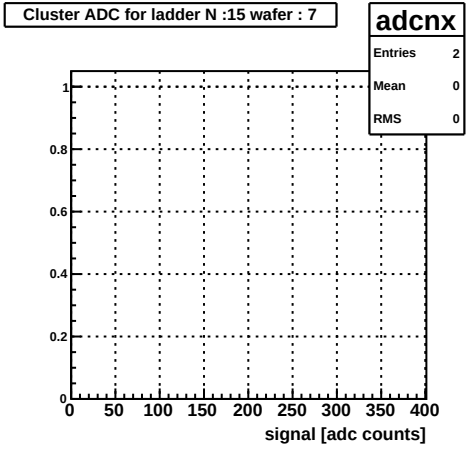

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 270
Mean 35.54
RMS 42.27
signal [adc counts]

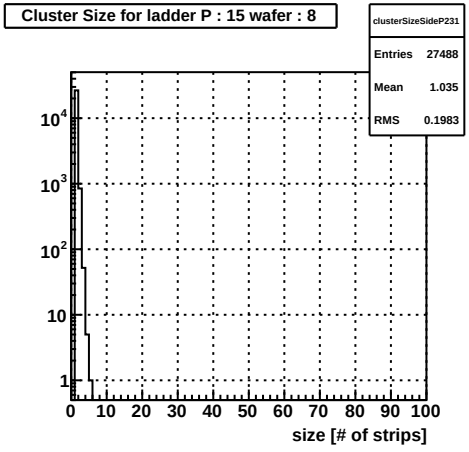

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 8641
Mean 1.031
RMS 0.2025
size [# of strips]

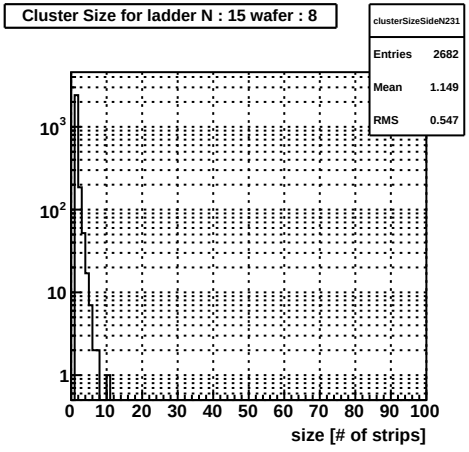

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

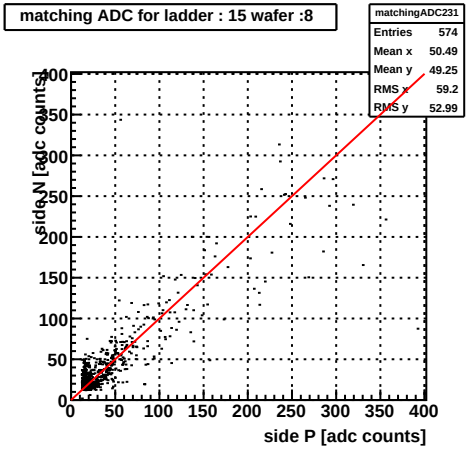

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

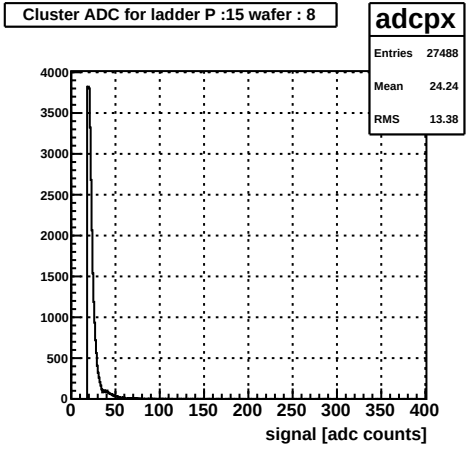

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 8641
Mean 30.43
RMS 20.46
signal [adc counts]

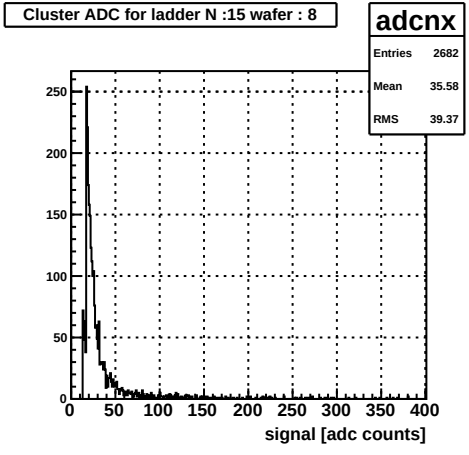

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

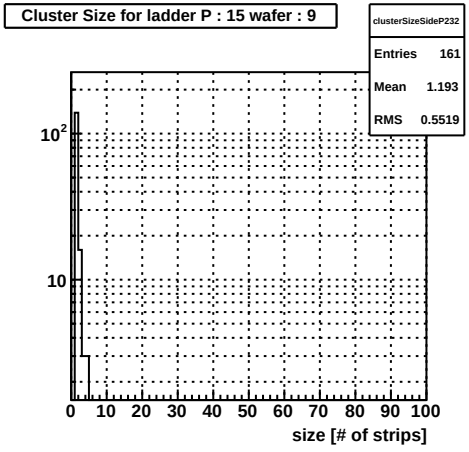

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 27488
Mean 1.035
RMS 0.1983
size [# of strips]

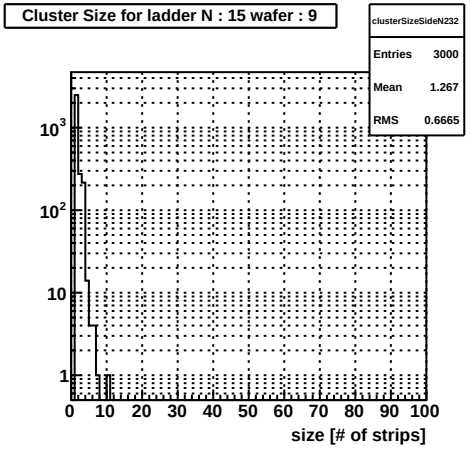

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2682
Mean 1.149
RMS 0.547
size [# of strips]

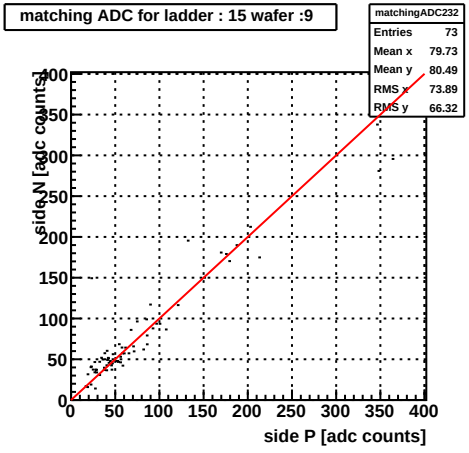

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 574
Mean x 50.49
Mean y 49.25
RMS x 59.2
RMS y 52.99
side N [adc counts]
side P [adc counts]

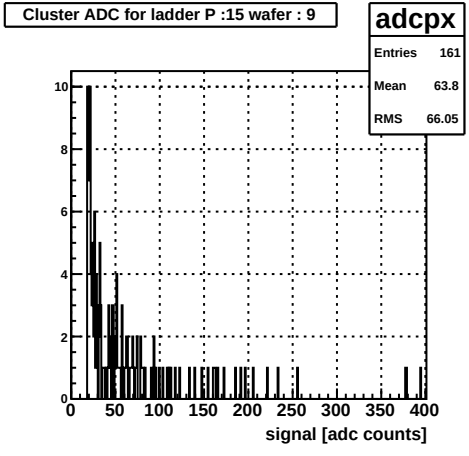

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 27488
Mean 24.24
RMS 13.38
signal [adc counts]

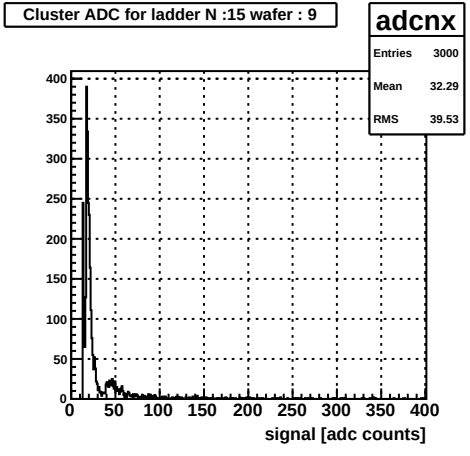

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2682
Mean 35.58
RMS 39.37
signal [adc counts]

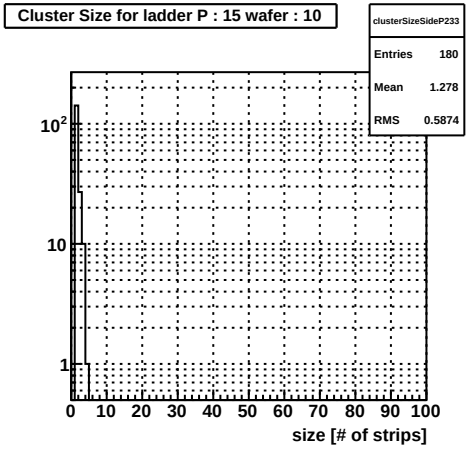

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 161
Mean 1.193
RMS 0.5519
size [# of strips]

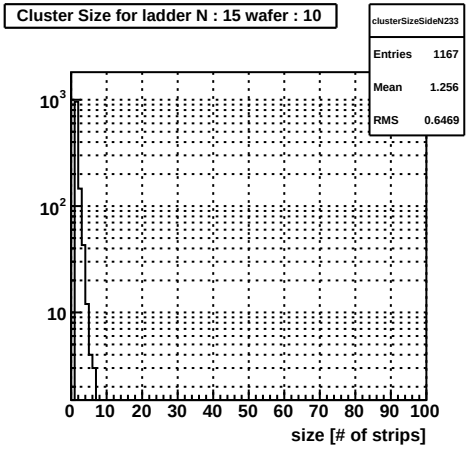

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3000
Mean 1.267
RMS 0.6665
size [# of strips]

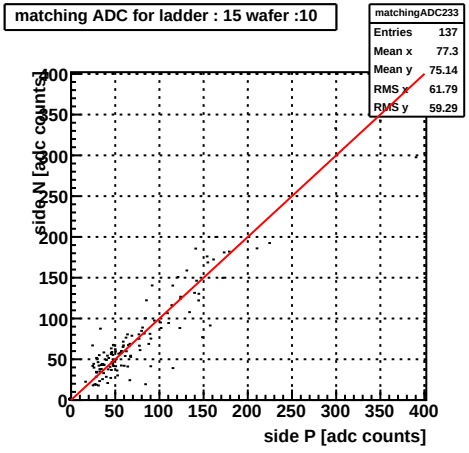

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 73
Mean x 79.73
Mean y 80.49
RMS x 73.89
RMS y 66.32
side N [adc counts]
side P [adc counts]

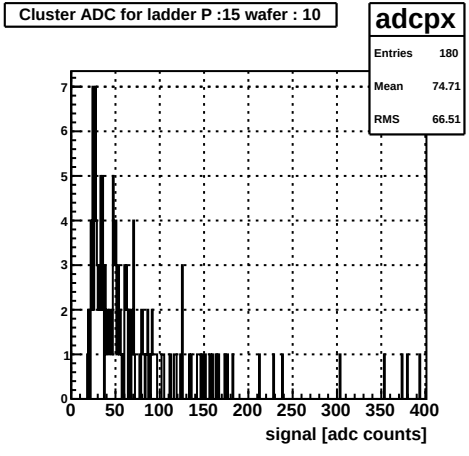

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 161
Mean 63.8
RMS 66.05
signal [adc counts]

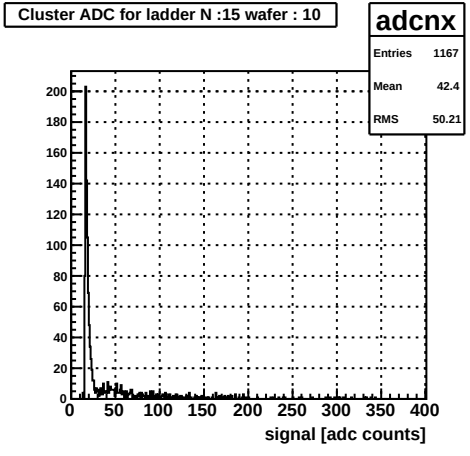

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3000
Mean 32.29
RMS 39.53
signal [adc counts]

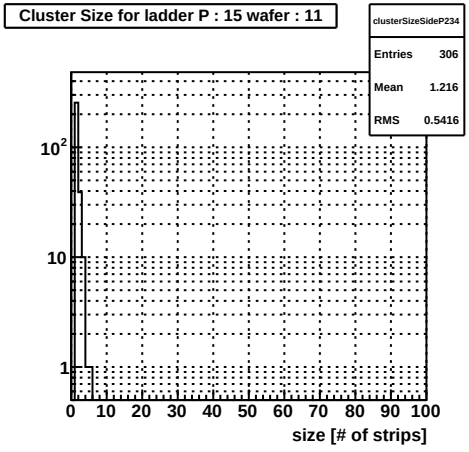

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 180
Mean 1.278
RMS 0.5874
size [# of strips]

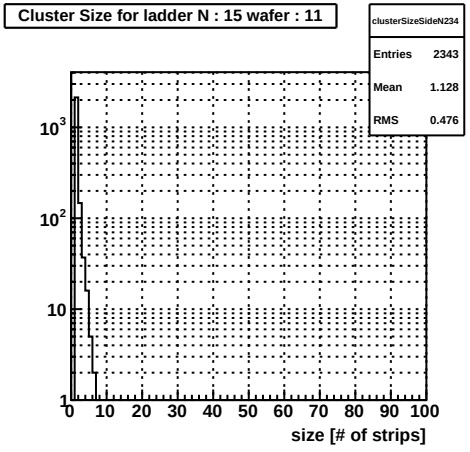

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1167
Mean 1.256
RMS 0.6469
size [# of strips]

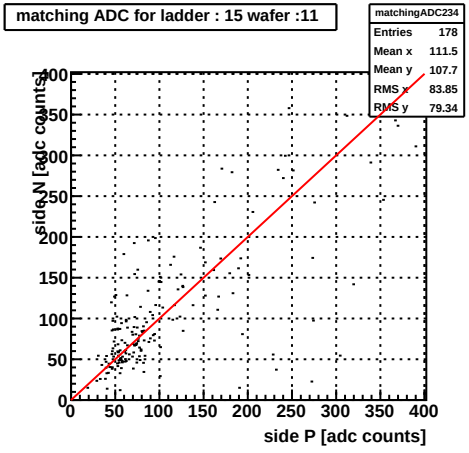

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 137
Mean x 77.3
Mean y 75.14
RMS x 61.79
RMS y 59.29
side N [adc counts]
side P [adc counts]

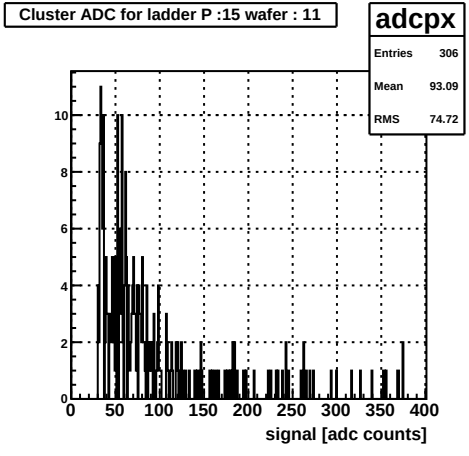

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 180
Mean 74.71
RMS 66.51
signal [adc counts]

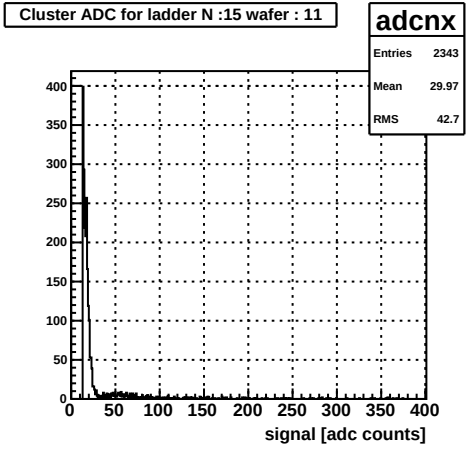

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1167
Mean 42.4
RMS 50.21
signal [adc counts]

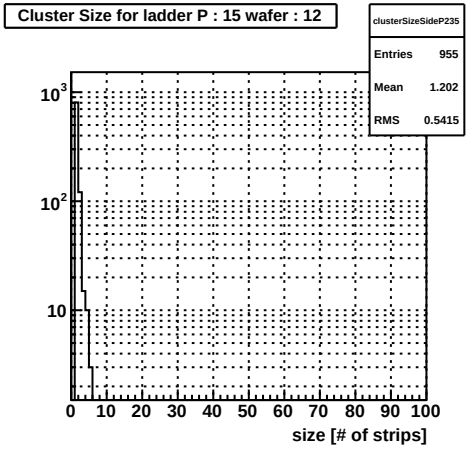

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 306
Mean 1.216
RMS 0.5416
size [# of strips]

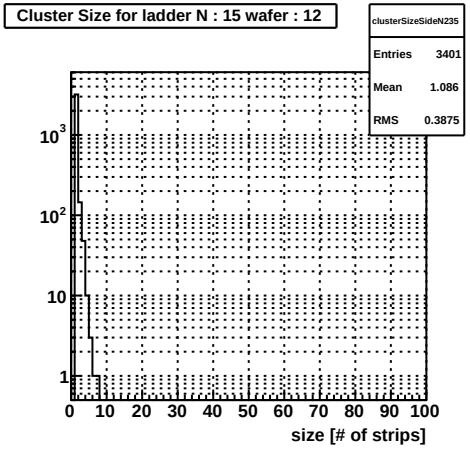

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2343
Mean 1.128
RMS 0.476
size [# of strips]

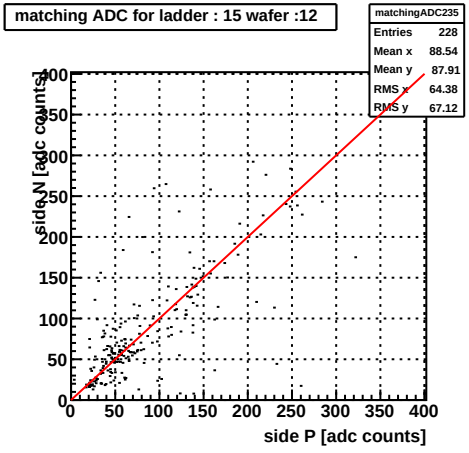

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 178
Mean x 111.5
Mean y 107.7
RMS x 83.85
RMS y 79.34
side N [adc counts]
side P [adc counts]

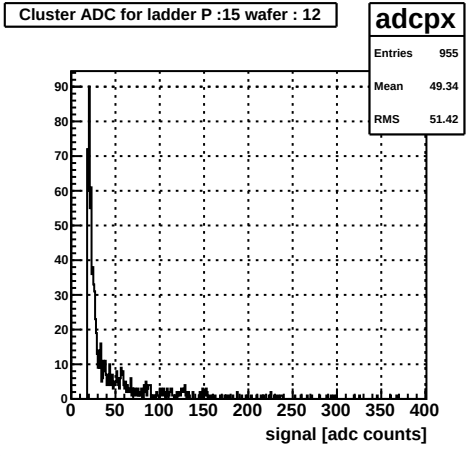

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 306
Mean 93.09
RMS 74.72
signal [adc counts]

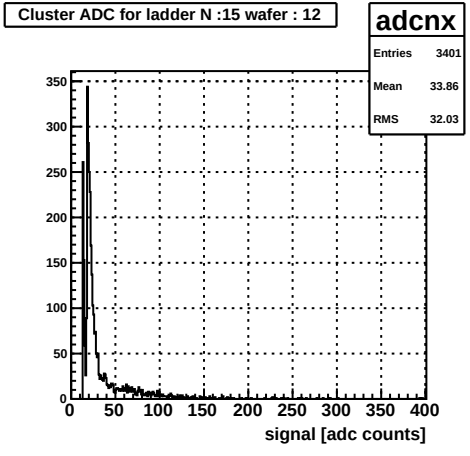

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2343
Mean 29.97
RMS 42.7
signal [adc counts]

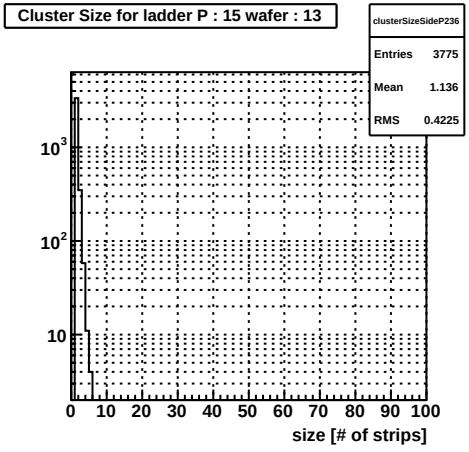

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 955
Mean 1.202
RMS 0.5415
size [# of strips]

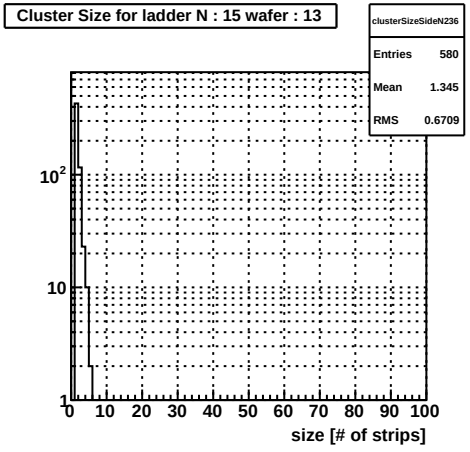

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3401
Mean 1.086
RMS 0.3875
size [# of strips]

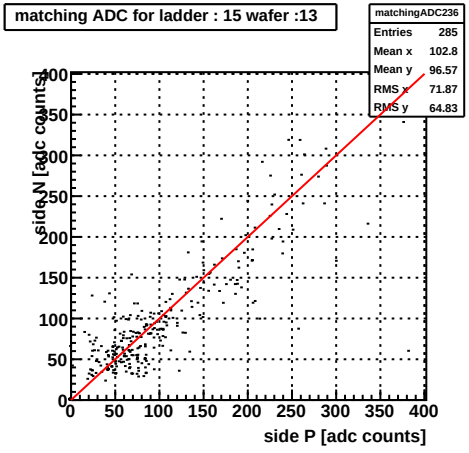

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 228
Mean x 88.54
Mean y 87.91
RMS x 64.38
RMS y 67.12
side N [adc counts]
side P [adc counts]

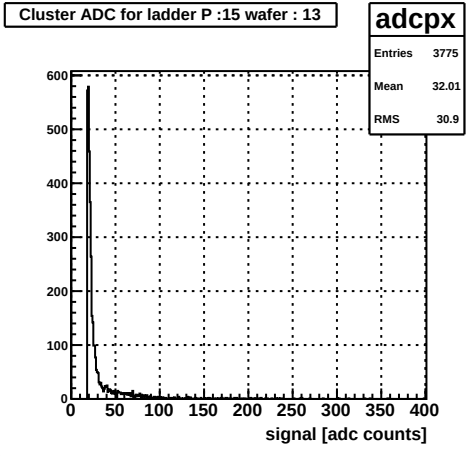

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 955
Mean 49.34
RMS 51.42
signal [adc counts]

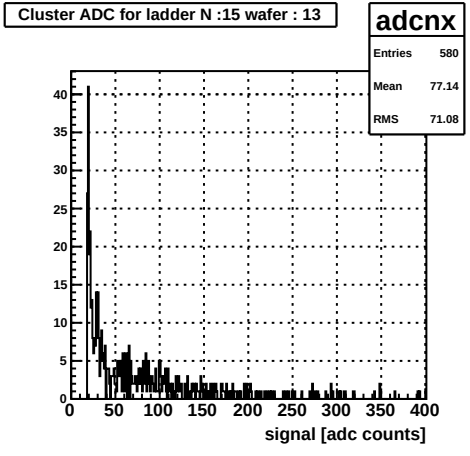

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3401
Mean 33.86
RMS 32.03
signal [adc counts]

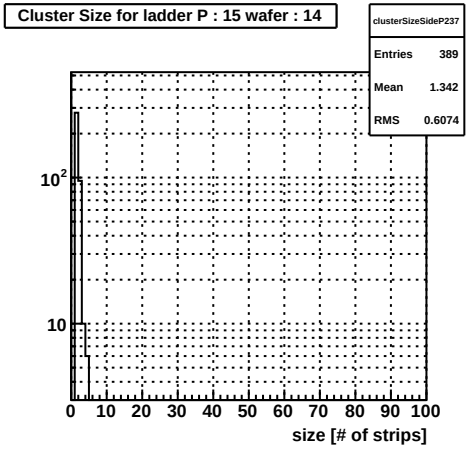

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3775
Mean 1.136
RMS 0.4225
size [# of strips]

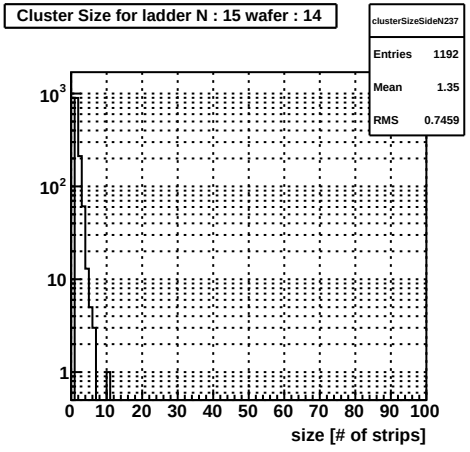

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 580
Mean 1.345
RMS 0.6709
size [# of strips]

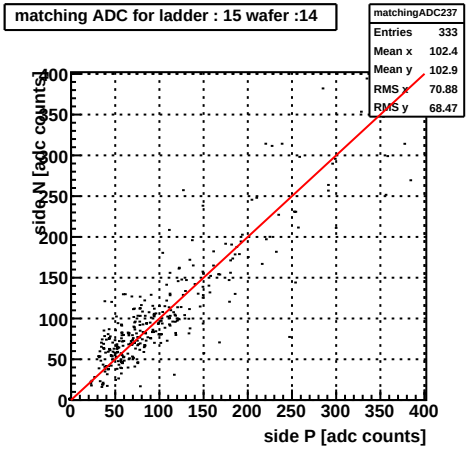

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 285
Mean x 102.8
Mean y 96.57
RMS x 71.87
RMS y 64.83
side N [adc counts]
side P [adc counts]

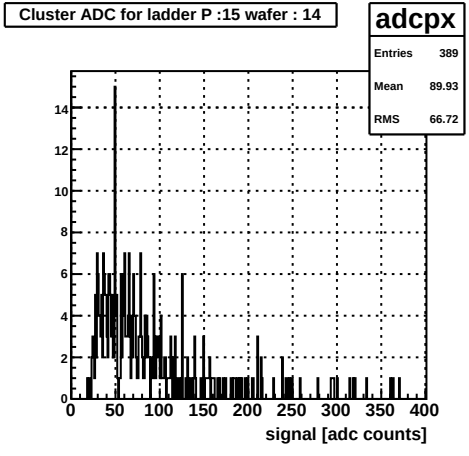

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3775
Mean 32.01
RMS 30.9
signal [adc counts]

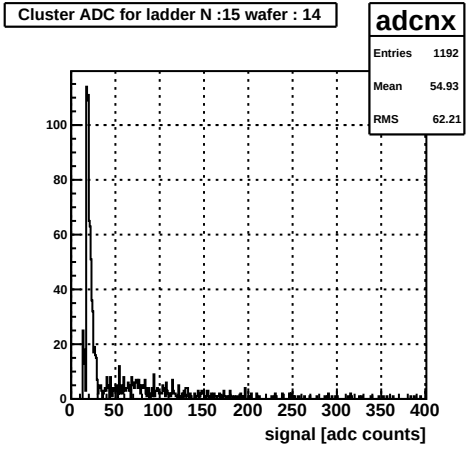

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 580
Mean 77.14
RMS 71.08
signal [adc counts]

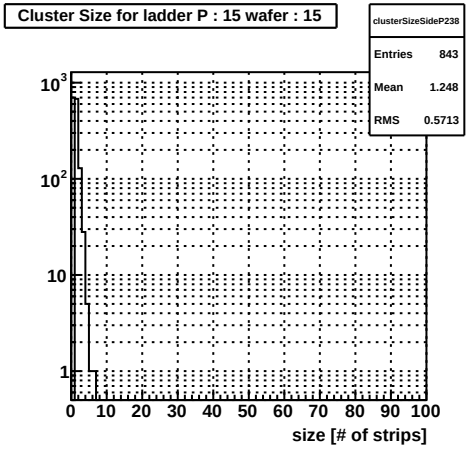

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 389
Mean 1.342
RMS 0.6074
size [# of strips]

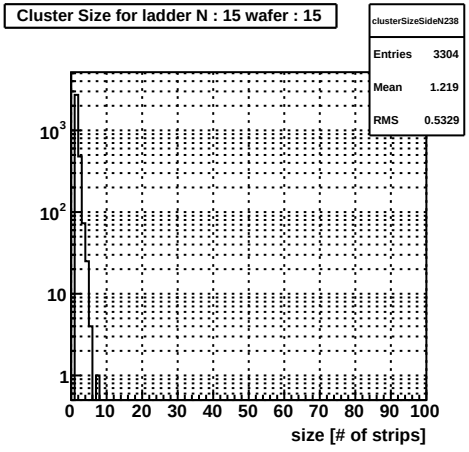

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1192
Mean 1.35
RMS 0.7459
size [# of strips]

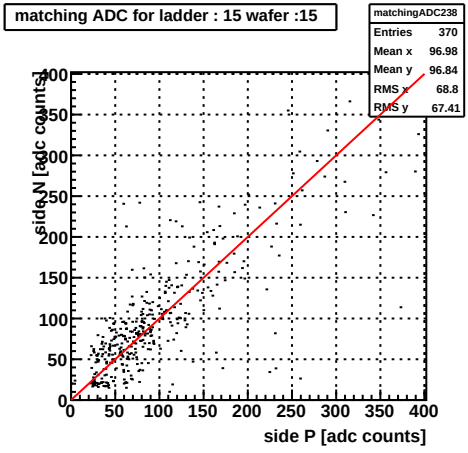

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 333
Mean x 102.4
Mean y 102.9
RMS x 70.88
RMS y 68.47
side N [adc counts]
side P [adc counts]

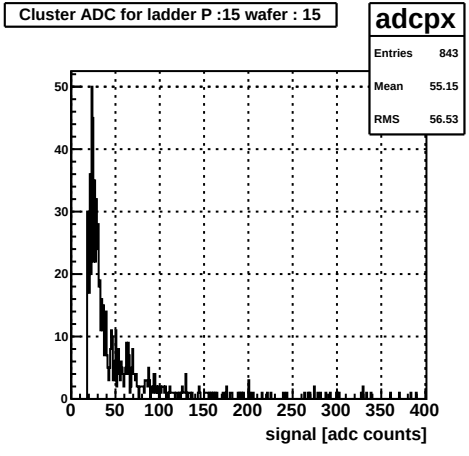

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 389
Mean 89.93
RMS 66.72
signal [adc counts]

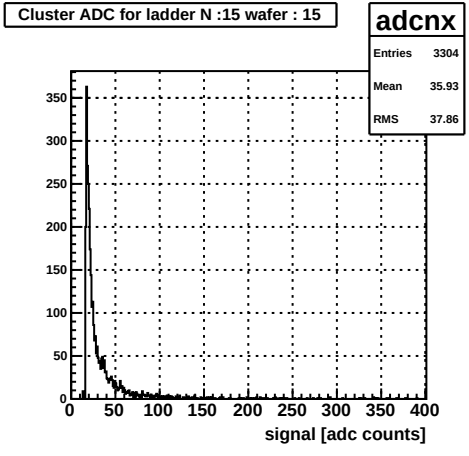

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1192
Mean 54.93
RMS 62.21
signal [adc counts]

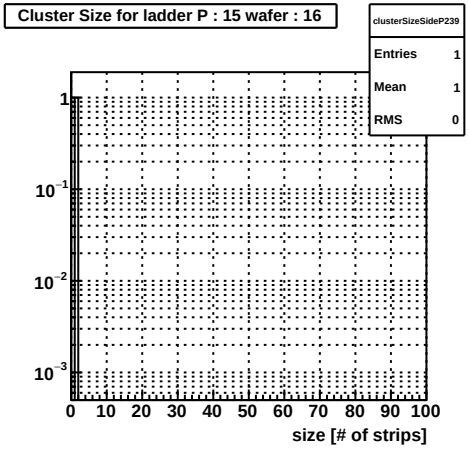

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 843
Mean 1.248
RMS 0.5713
size [# of strips]

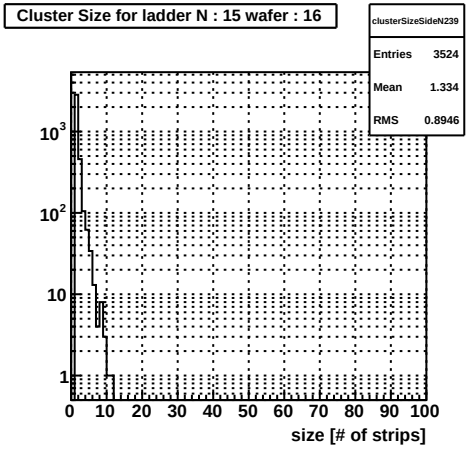

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3304
Mean 1.219
RMS 0.5329
size [# of strips]

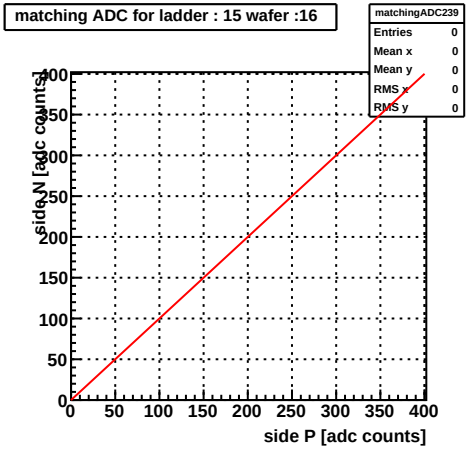

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 370
Mean x 96.98
Mean y 96.84
RMS x 68.8
RMS y 67.41
side N [adc counts]
side P [adc counts]

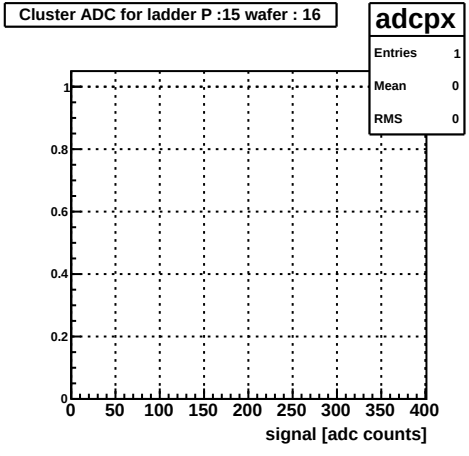

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 843
Mean 55.15
RMS 56.53
signal [adc counts]

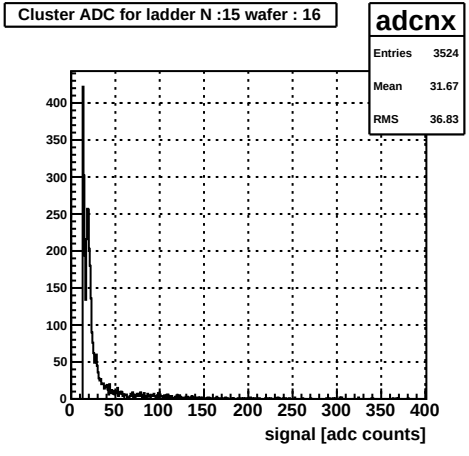

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3304
Mean 35.93
RMS 37.86
signal [adc counts]

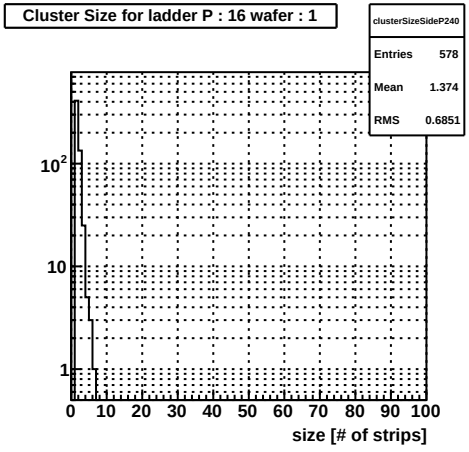

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

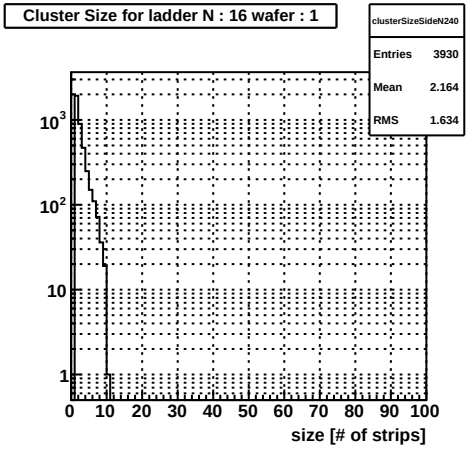

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3524
Mean 1.334
RMS 0.8946
size [# of strips]

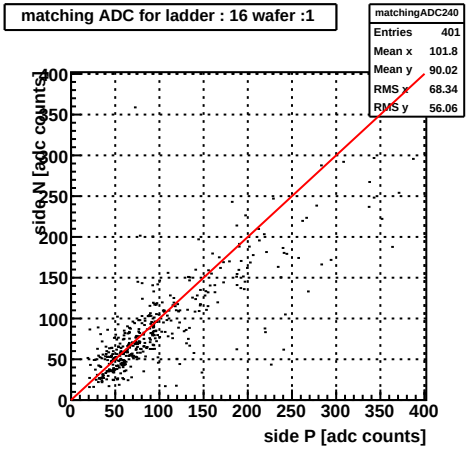

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

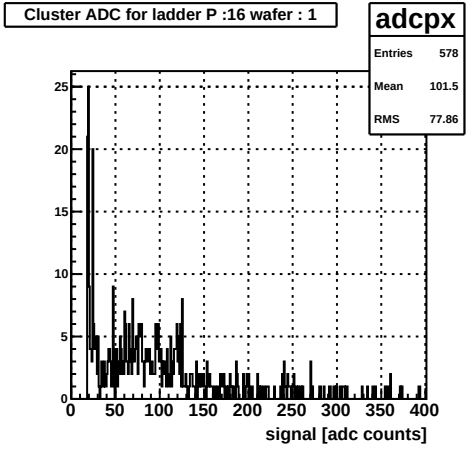

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

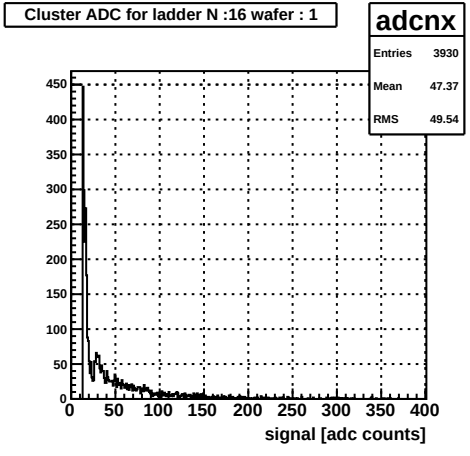

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3524
Mean 31.67
RMS 36.83
signal [adc counts]

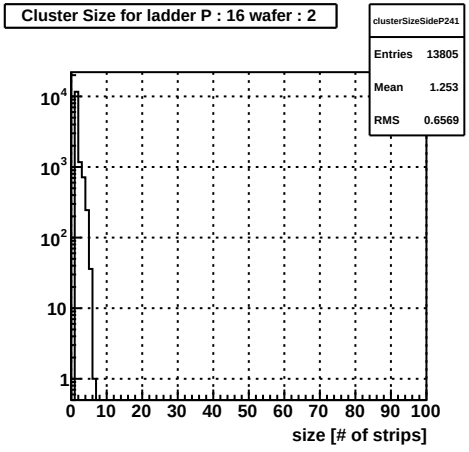

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 578
Mean 1.374
RMS 0.6851
size [# of strips]

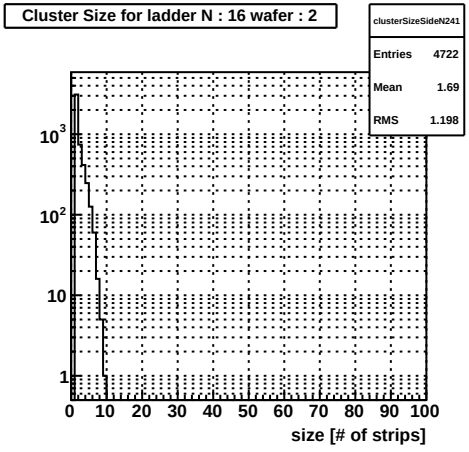

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3930
Mean 2.164
RMS 1.634
size [# of strips]

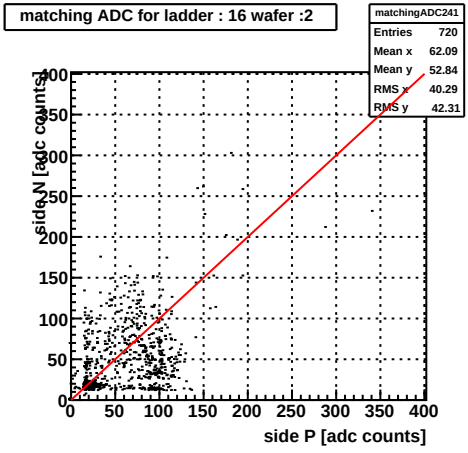

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 401
Mean x 101.8
Mean y 90.02
RMS x 68.34
RMS y 56.06
side N [adc counts]
side P [adc counts]

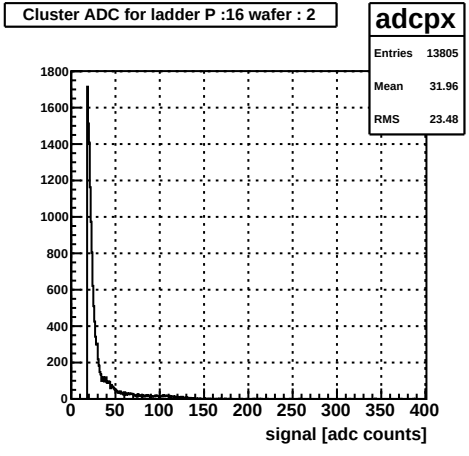

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 578
Mean 101.5
RMS 77.86
signal [adc counts]

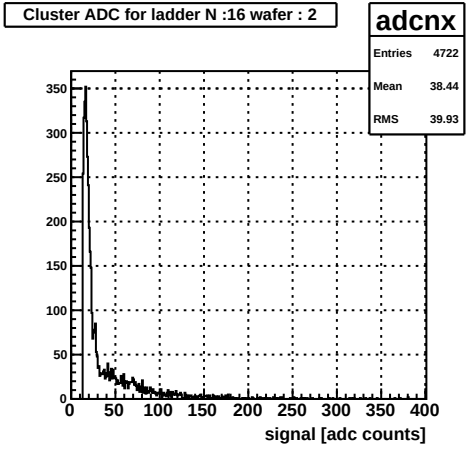

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3930
Mean 47.37
RMS 49.54
signal [adc counts]

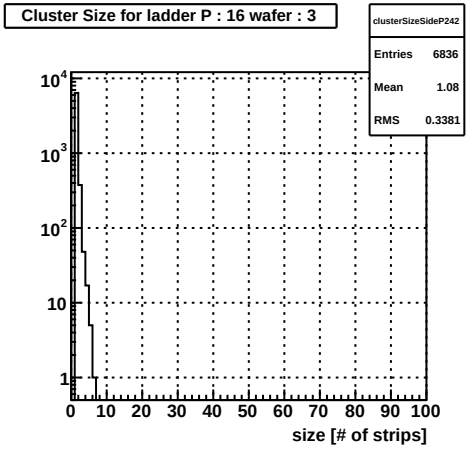

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13805
Mean 1.253
RMS 0.6569
size [# of strips]

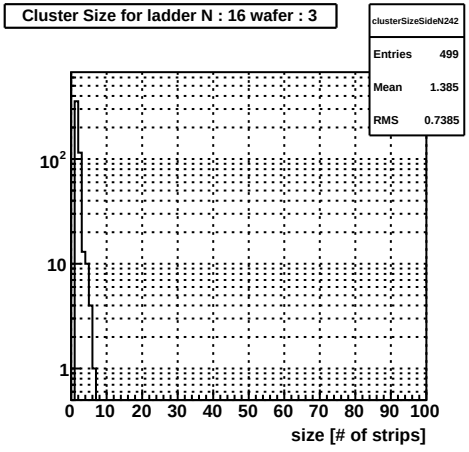

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4722
Mean 1.69
RMS 1.198
size [# of strips]

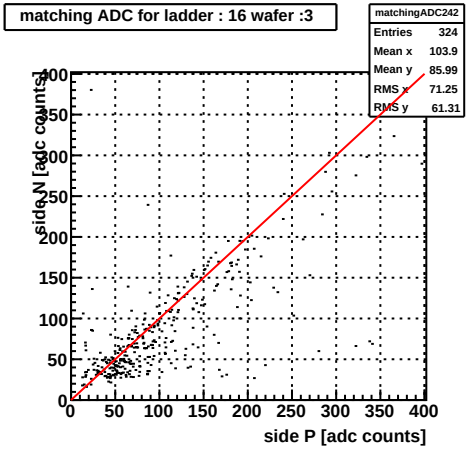

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 720
Mean x 62.09
Mean y 52.84
RMS x 40.29
RMS y 42.31
side N [adc counts]
side P [adc counts]

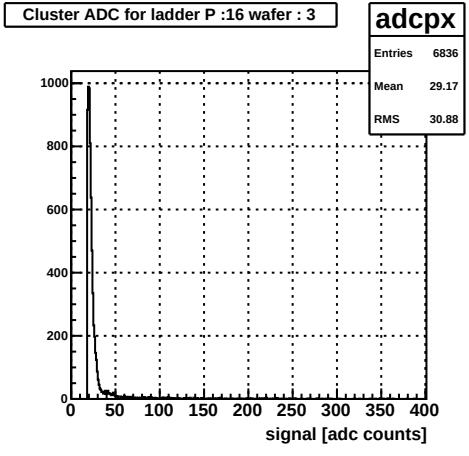

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13805
Mean 31.96
RMS 23.48
signal [adc counts]

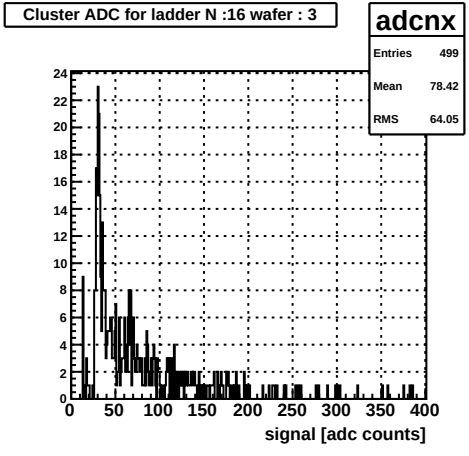

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4722
Mean 38.44
RMS 39.93
signal [adc counts]

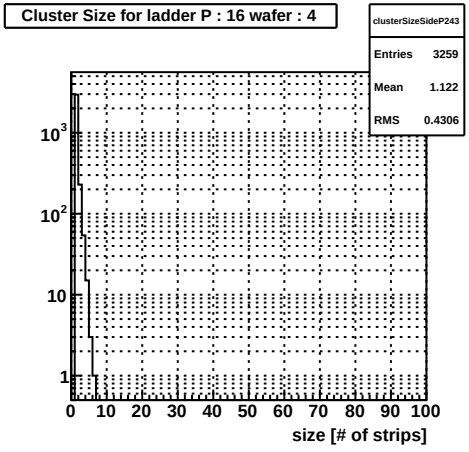

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6836
Mean 1.08
RMS 0.3381
size [# of strips]

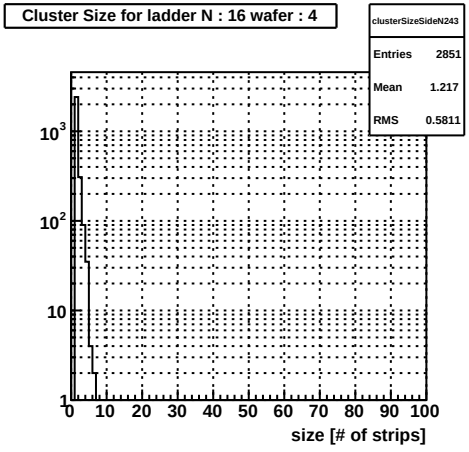

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 499
Mean 1.385
RMS 0.7385
size [# of strips]

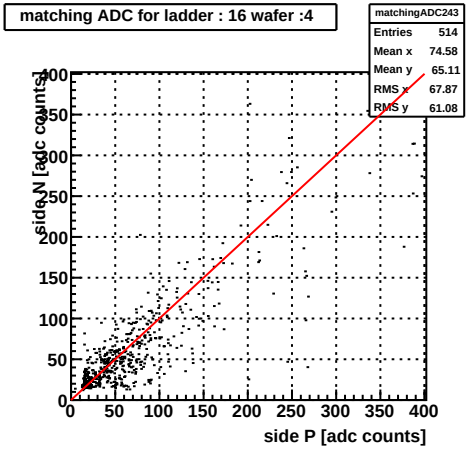

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 324
Mean x 103.9
Mean y 85.99
RMS x 71.25
RMS y 61.31
side N [adc counts]
side P [adc counts]

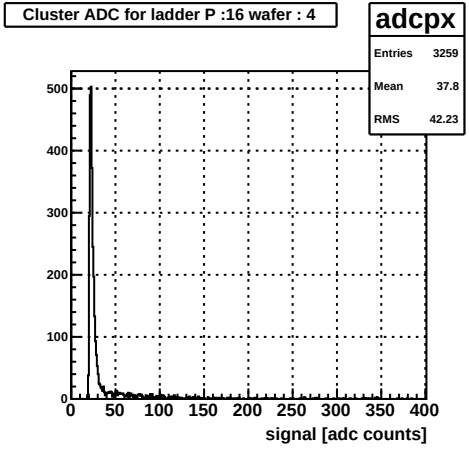

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6836
Mean 29.17
RMS 30.88
signal [adc counts]

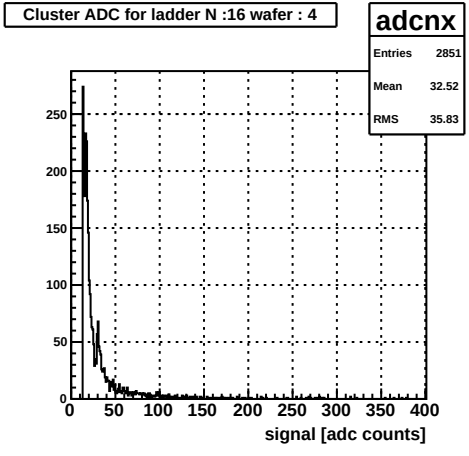

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 499
Mean 78.42
RMS 64.05
signal [adc counts]

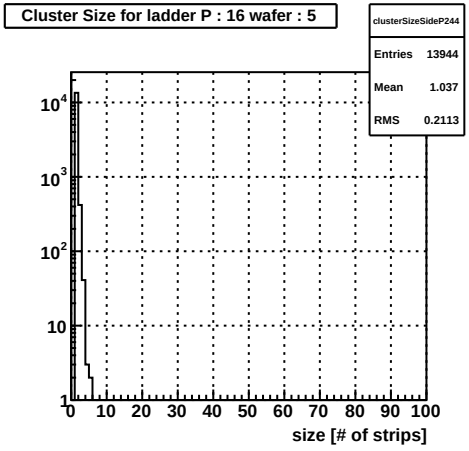

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3259
Mean 1.122
RMS 0.4306
size [# of strips]

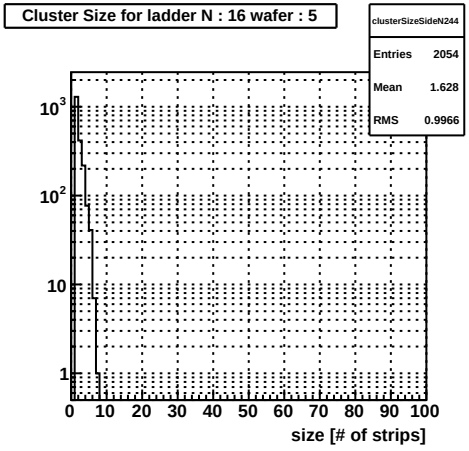

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2851
Mean 1.217
RMS 0.5811
size [# of strips]

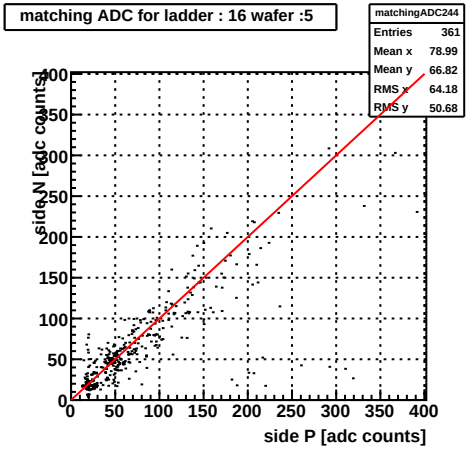

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 514
Mean x 74.58
Mean y 65.11
RMS x 67.87
RMS y 61.08
side N [adc counts]
side P [adc counts]

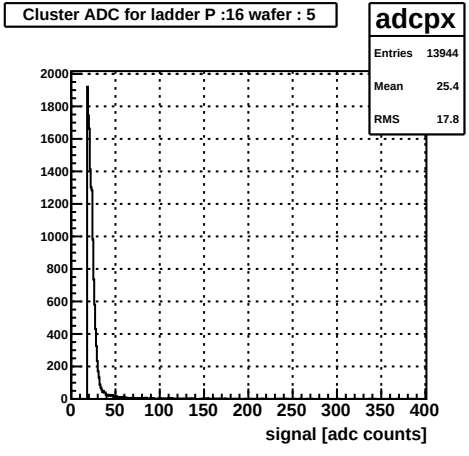

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3259
Mean 37.8
RMS 42.23
signal [adc counts]

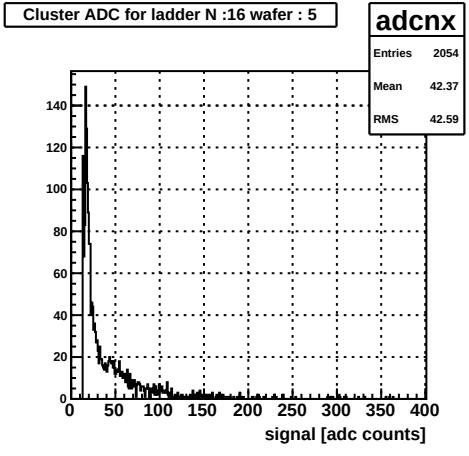

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2851
Mean 32.52
RMS 35.83
signal [adc counts]

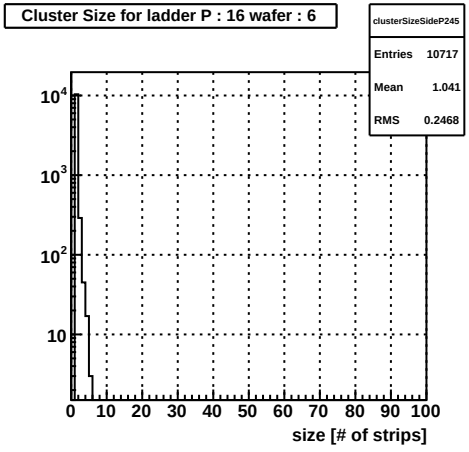

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13944
Mean 1.037
RMS 0.2113
size [# of strips]

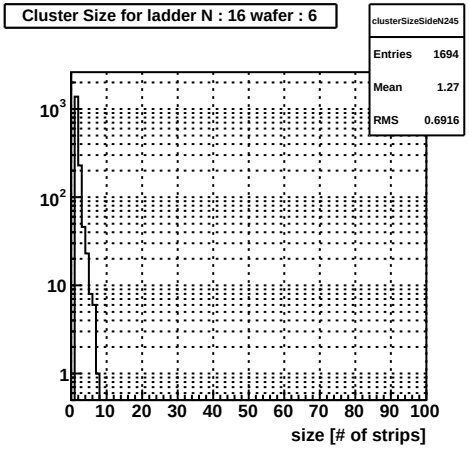

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2054
Mean 1.628
RMS 0.9966
size [# of strips]

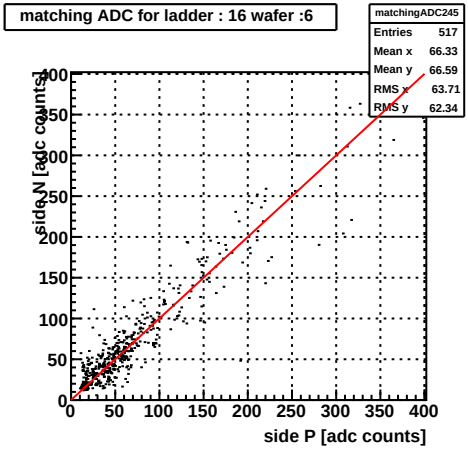

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 361
Mean x 78.99
Mean y 66.82
RMS x 64.18
RMS y 50.68
side N [adc counts]
side P [adc counts]

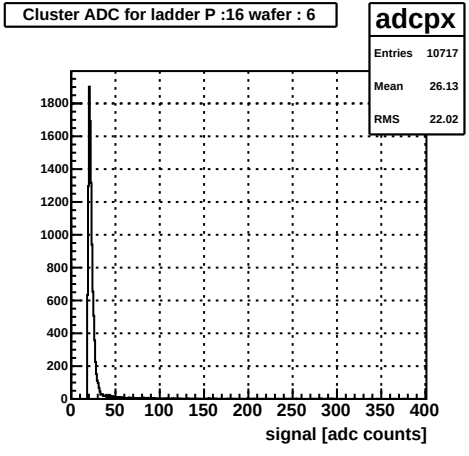

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13944
Mean 25.4
RMS 17.8
signal [adc counts]

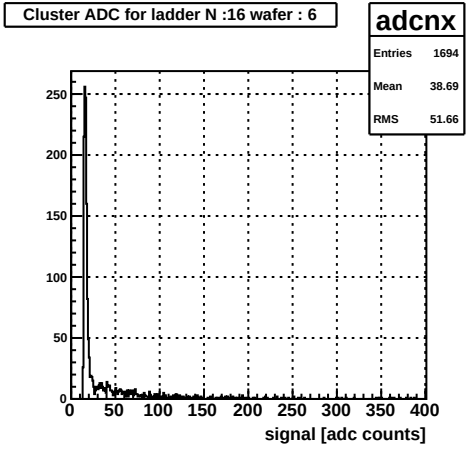

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2054
Mean 42.37
RMS 42.59
signal [adc counts]

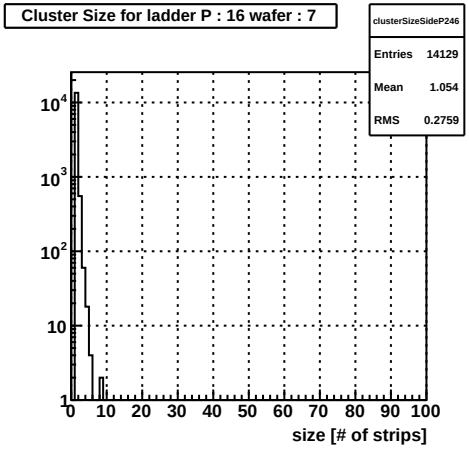

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10717
Mean 1.041
RMS 0.2468
size [# of strips]

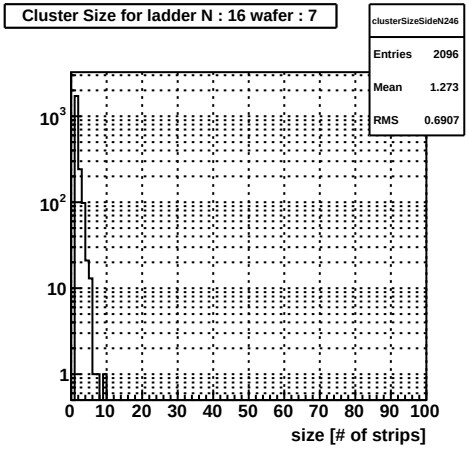

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1694
Mean 1.27
RMS 0.6916
size [# of strips]

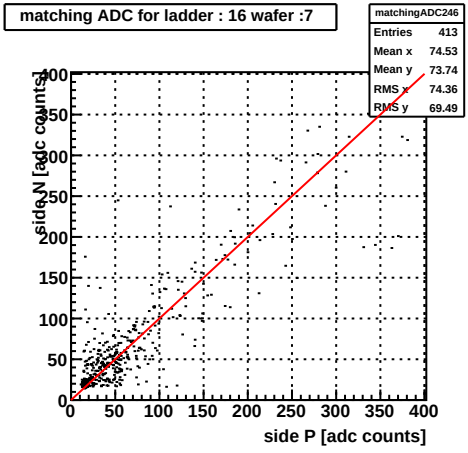

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 517
Mean x 66.33
Mean y 66.59
RMS x 63.71
RMS y 62.34
side N [adc counts]
side P [adc counts]

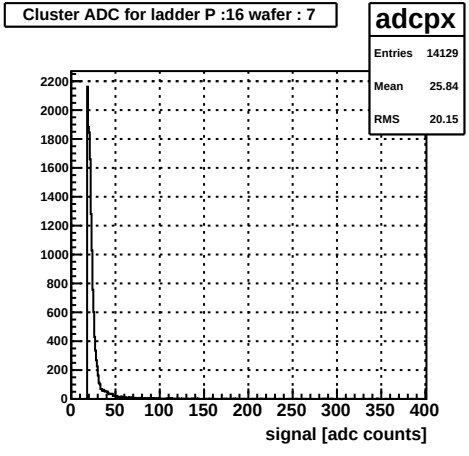

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10717
Mean 26.13
RMS 22.02
signal [adc counts]

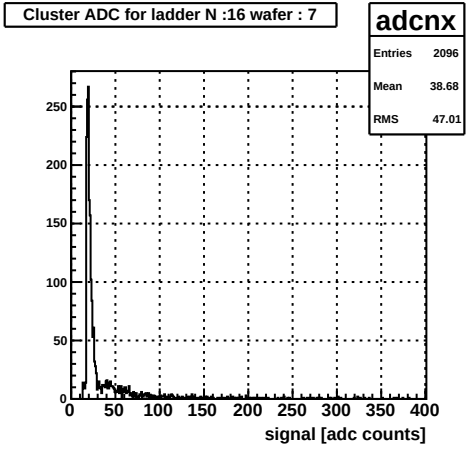

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1694
Mean 38.69
RMS 51.66
signal [adc counts]

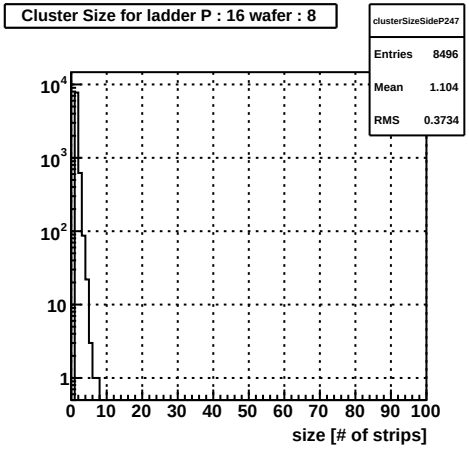

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14129
Mean 1.054
RMS 0.2759
size [# of strips]

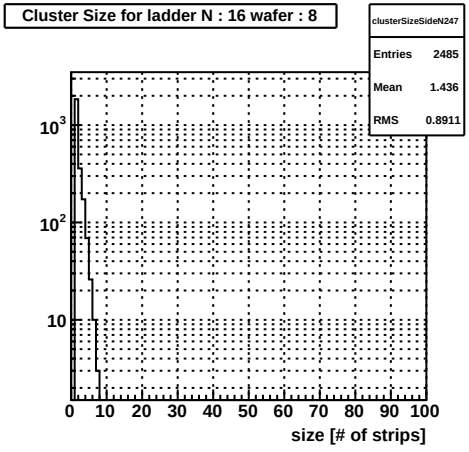

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2096
Mean 1.273
RMS 0.6907
size [# of strips]

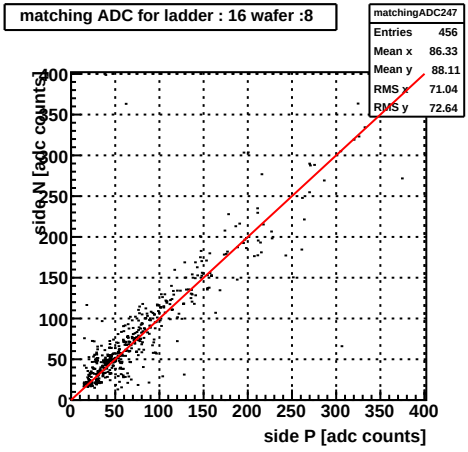

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 413
Mean x 74.53
Mean y 73.74
RMS x 74.36
RMS y 69.49
side N [adc counts]
side P [adc counts]

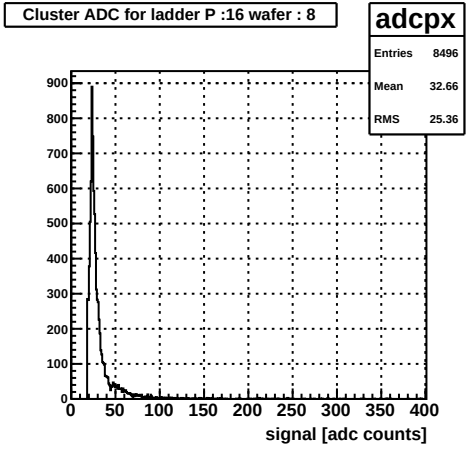

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14129
Mean 25.84
RMS 20.15
signal [adc counts]

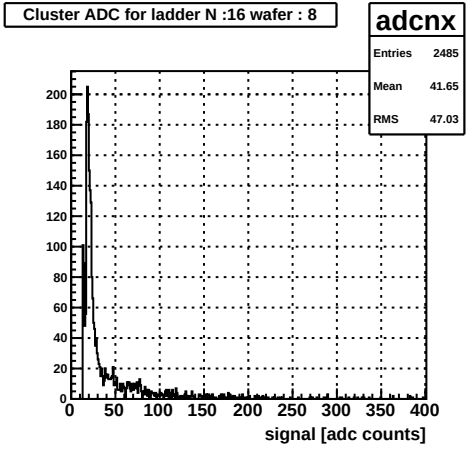

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2096
Mean 38.68
RMS 47.01
signal [adc counts]

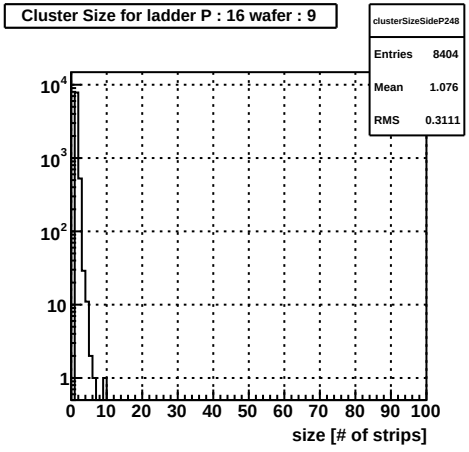

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8496
Mean 1.104
RMS 0.3734
size [# of strips]

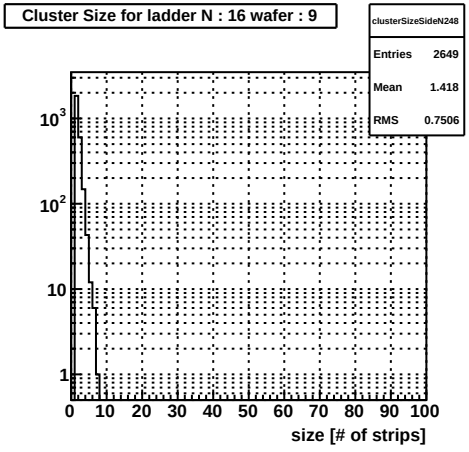

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2485
Mean 1.436
RMS 0.8911
size [# of strips]

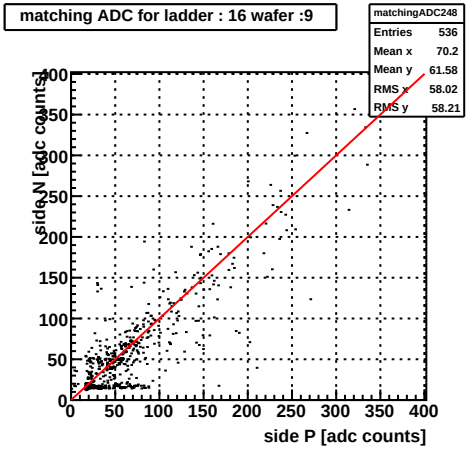

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 456
Mean x 86.33
Mean y 88.11
RMS x 71.04
RMS y 72.64
side N [adc counts]
side P [adc counts]

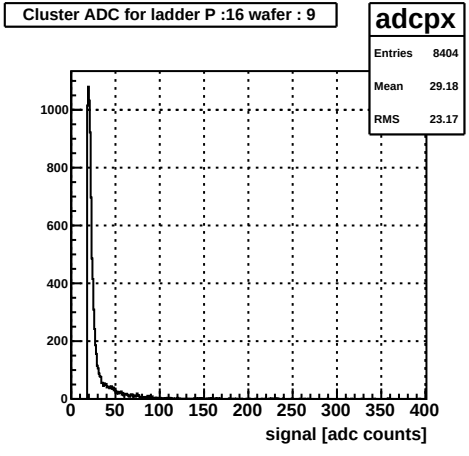

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8496
Mean 32.66
RMS 25.36
signal [adc counts]

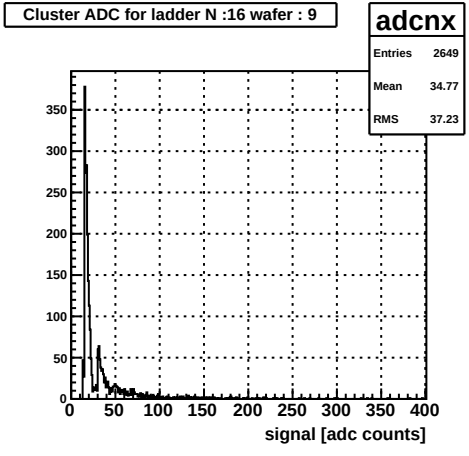

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2485
Mean 41.65
RMS 47.03
signal [adc counts]

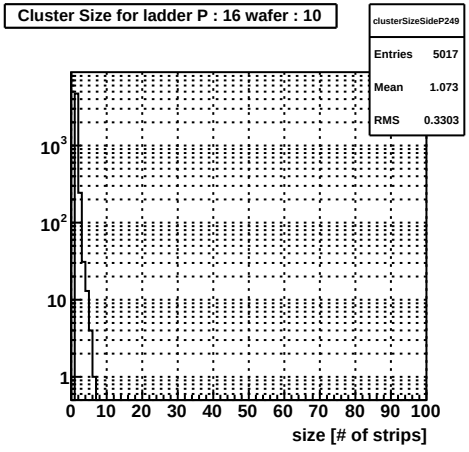

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8404
Mean 1.076
RMS 0.3111
size [# of strips]

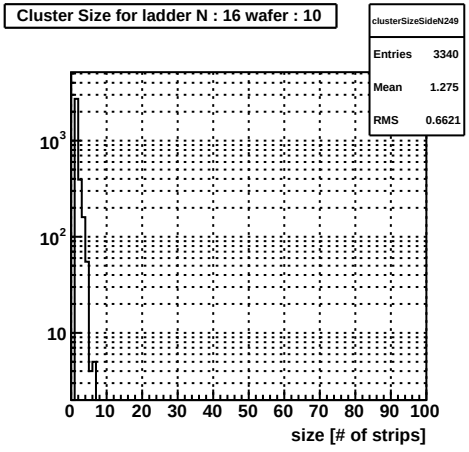

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2649
Mean 1.418
RMS 0.7506
size [# of strips]

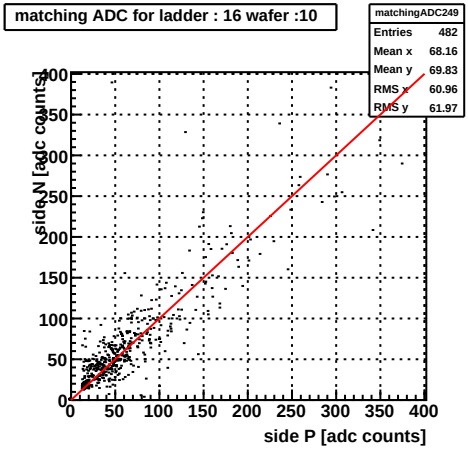

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 536
Mean x 70.2
Mean y 61.58
RMS x 58.02
RMS y 58.21
side N [adc counts]
side P [adc counts]

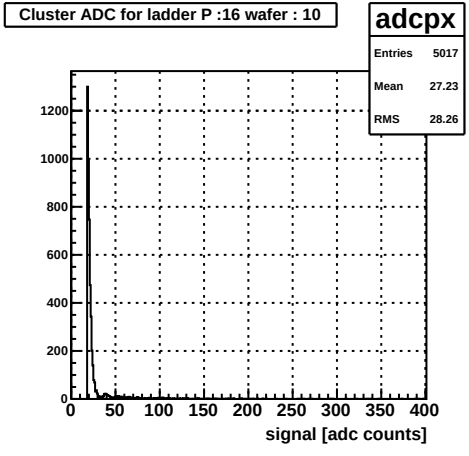

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8404
Mean 29.18
RMS 23.17
signal [adc counts]

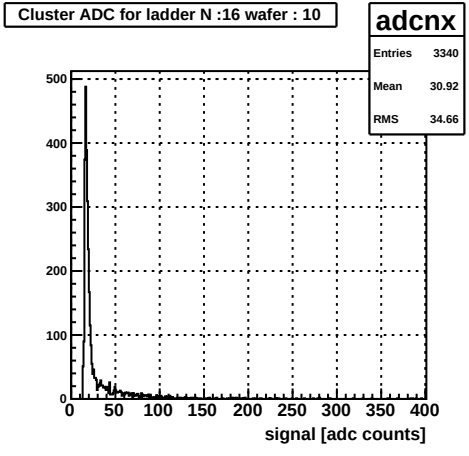

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2649
Mean 34.77
RMS 37.23
signal [adc counts]

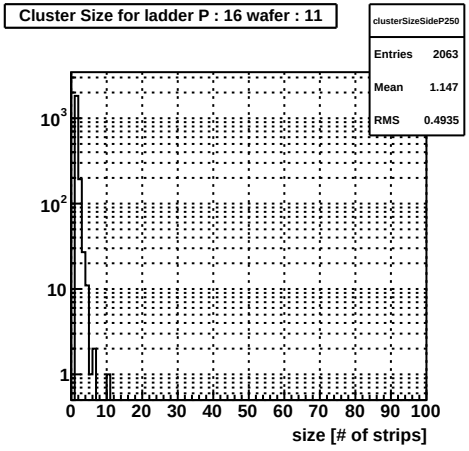

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 5017
Mean 1.073
RMS 0.3303
size [# of strips]

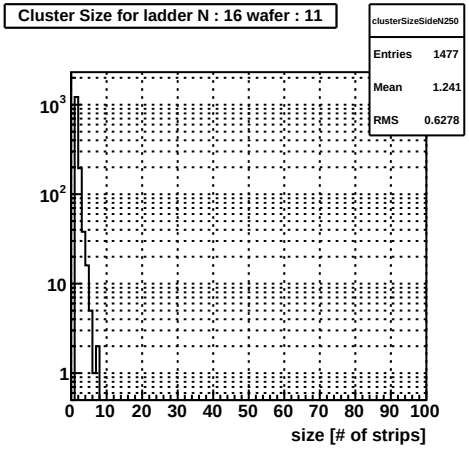

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3340
Mean 1.275
RMS 0.6621
size [# of strips]

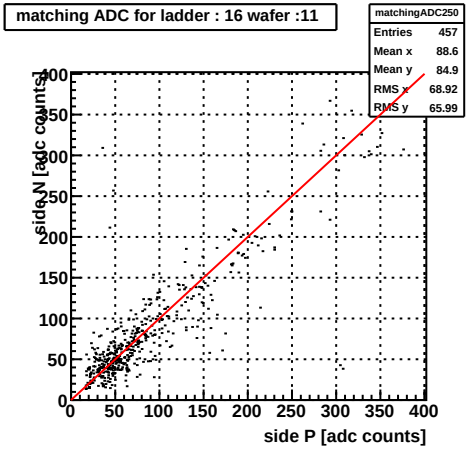

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 482
Mean x 68.16
Mean y 69.83
RMS x 60.96
RMS y 61.97
side N [adc counts]
side P [adc counts]

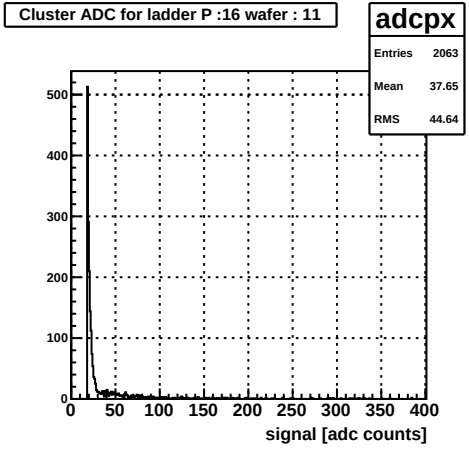

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 5017
Mean 27.23
RMS 28.26
signal [adc counts]

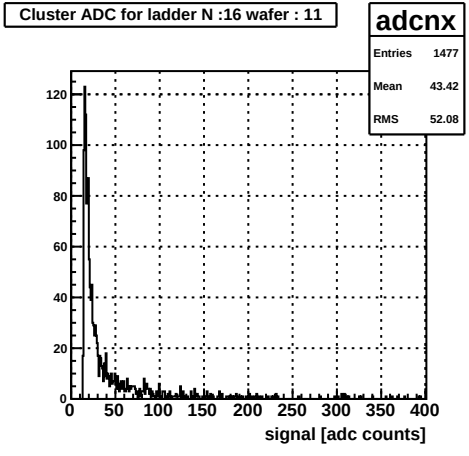

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3340
Mean 30.92
RMS 34.66
signal [adc counts]

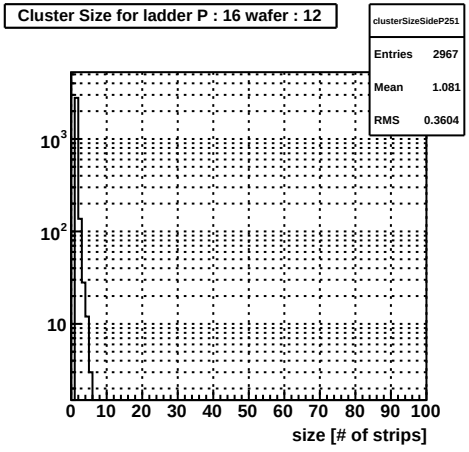

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2063
Mean 1.147
RMS 0.4935
size [# of strips]

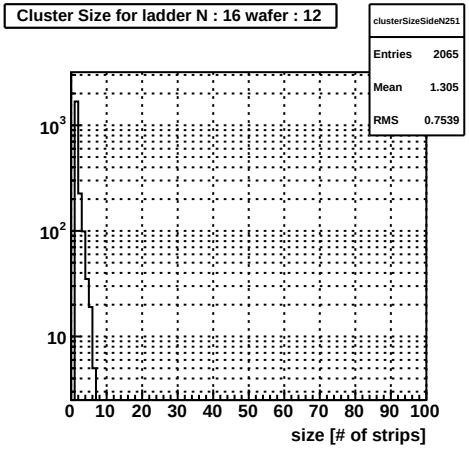

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1477
Mean 1.241
RMS 0.6278
size [# of strips]

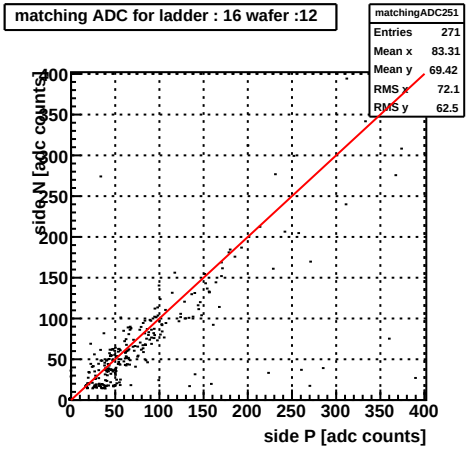

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 457
Mean x 88.6
Mean y 84.9
RMS x 68.92
RMS y 65.99
side N [adc counts]
side P [adc counts]

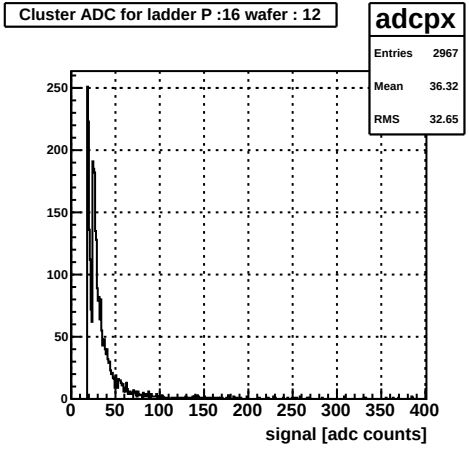

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2063
Mean 37.65
RMS 44.64
signal [adc counts]

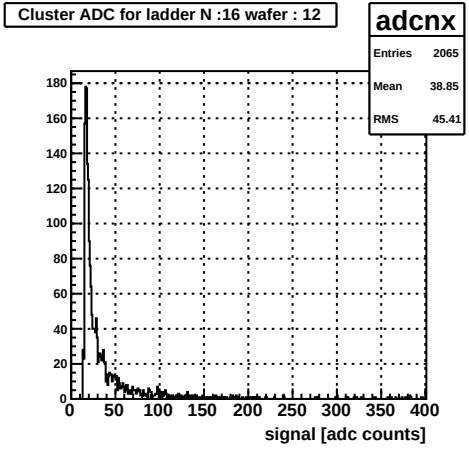

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1477
Mean 43.42
RMS 52.08
signal [adc counts]

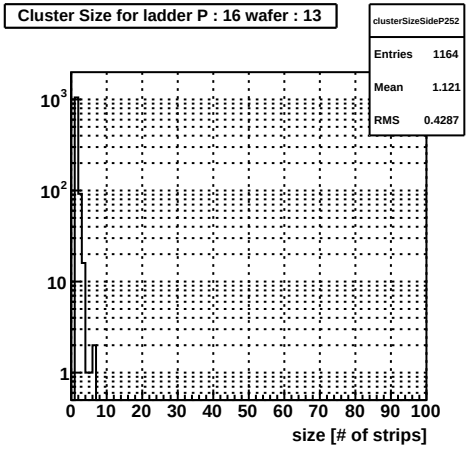

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2967
Mean 1.081
RMS 0.3604
size [# of strips]

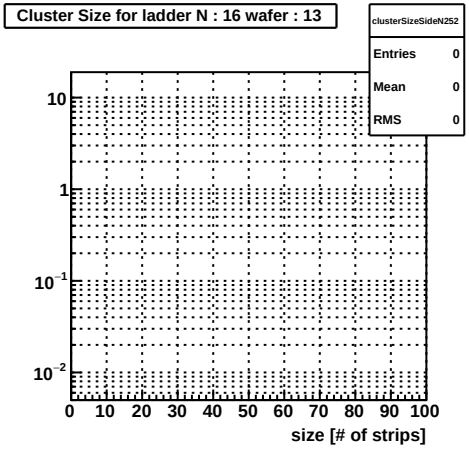

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2065
Mean 1.305
RMS 0.7539
size [# of strips]

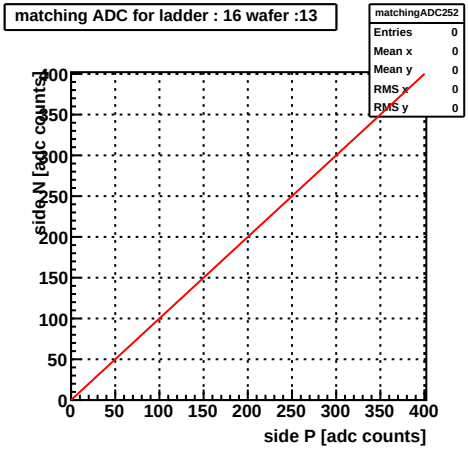

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 271
Mean x 83.31
Mean y 69.42
RMS x 72.1
RMS y 62.5
side N [adc counts]
side P [adc counts]

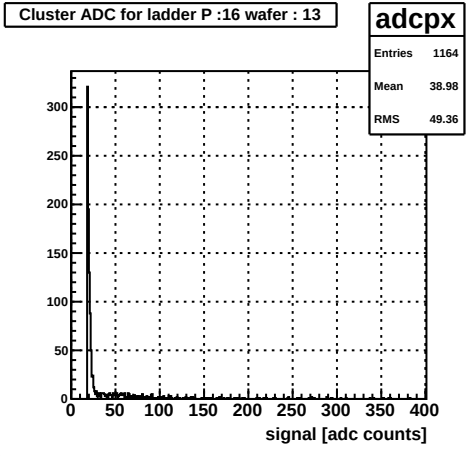

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2967
Mean 36.32
RMS 32.65
signal [adc counts]

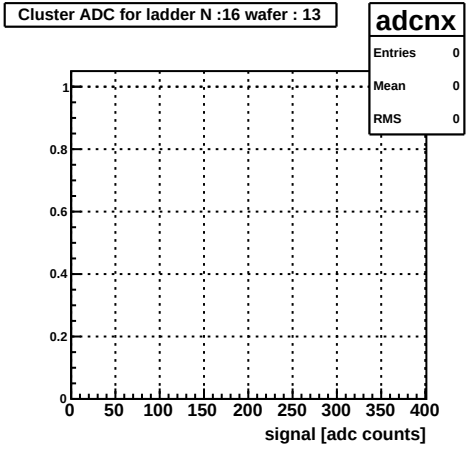

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2065
Mean 38.85
RMS 45.41
signal [adc counts]

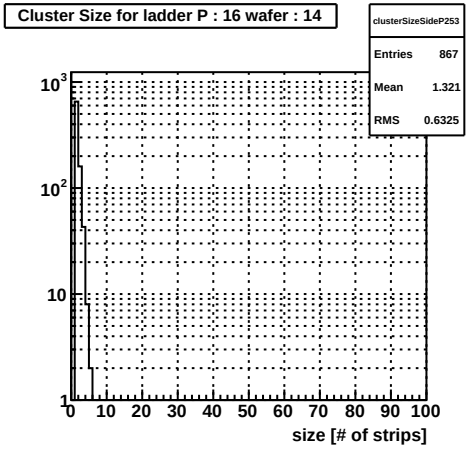

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1164
Mean 1.121
RMS 0.4287
size [# of strips]

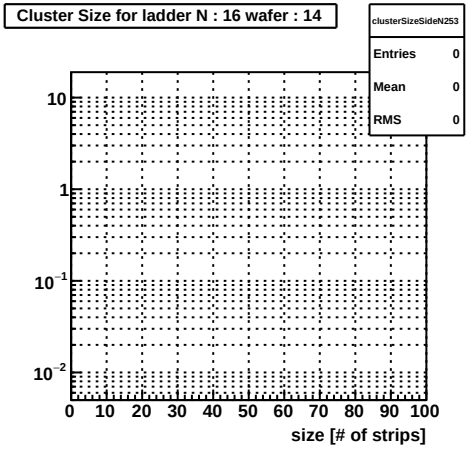

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

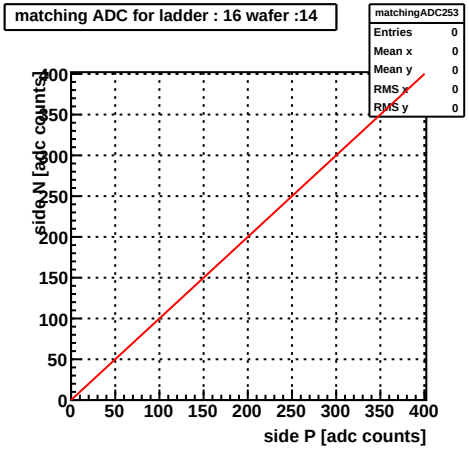

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

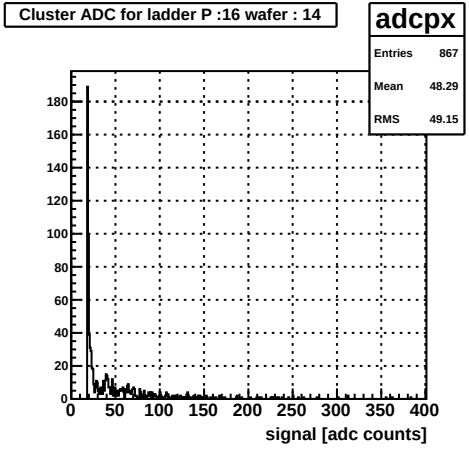

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1164
Mean 38.98
RMS 49.36
signal [adc counts]

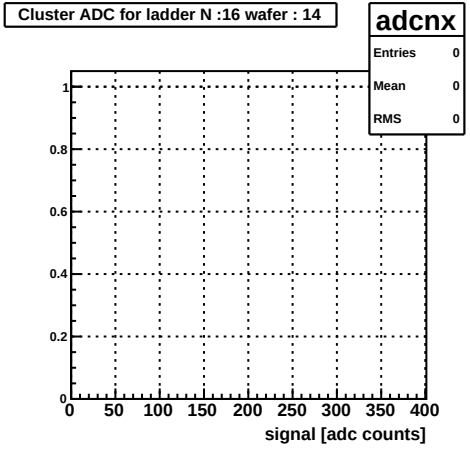

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

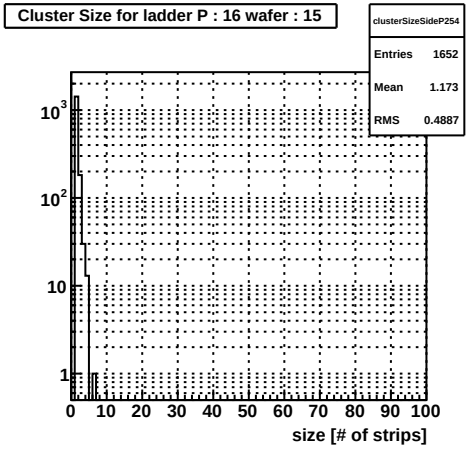

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 867
Mean 1.321
RMS 0.6325
size [# of strips]

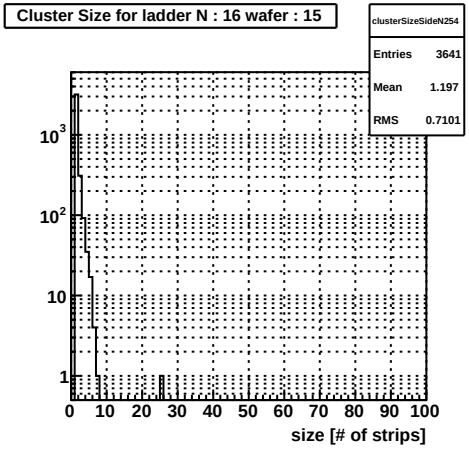

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

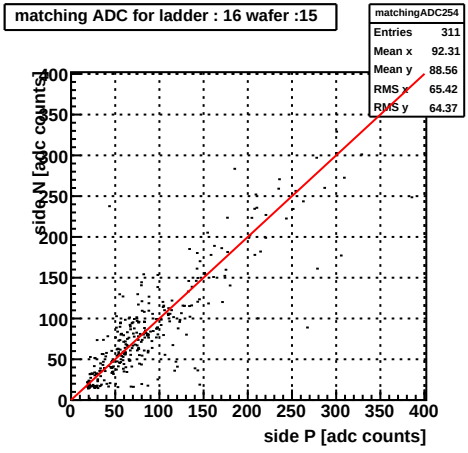

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

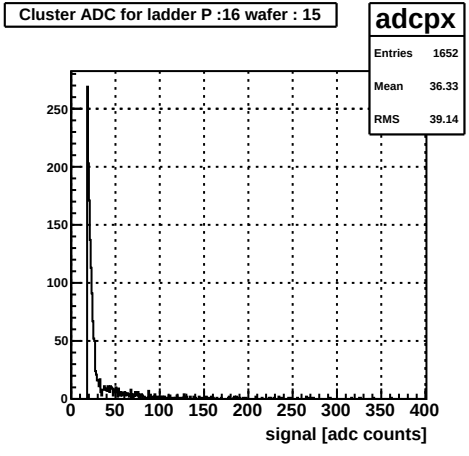

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 867
Mean 48.29
RMS 49.15
signal [adc counts]

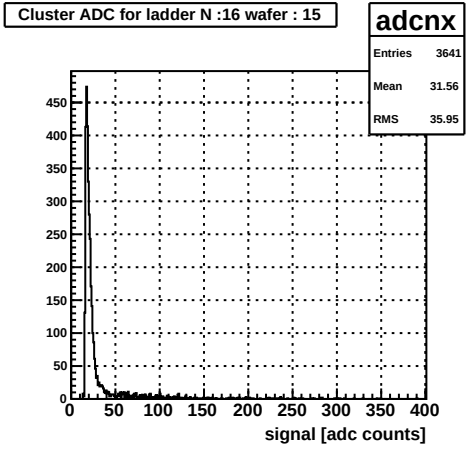

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

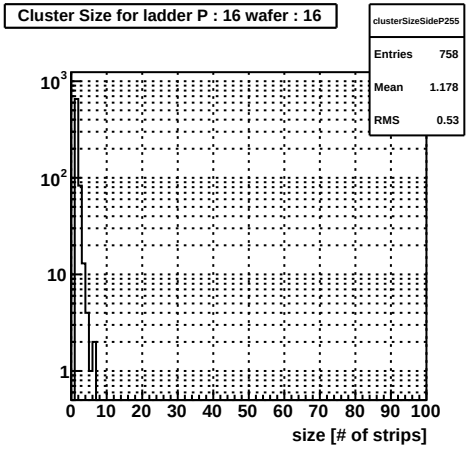

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1652
Mean 1.173
RMS 0.4887
size [# of strips]

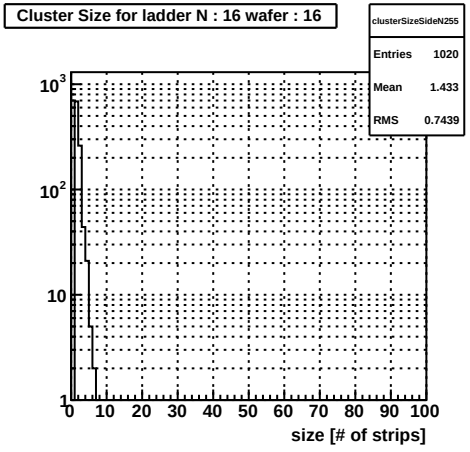

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3641
Mean 1.197
RMS 0.7101
size [# of strips]

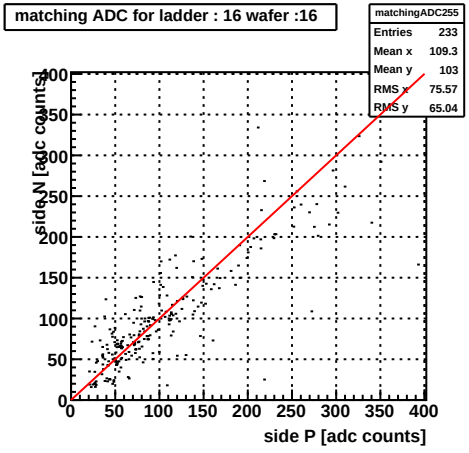

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 311
Mean x 92.31
Mean y 88.56
RMS x 65.42
RMS y 64.37
side N [adc counts]
side P [adc counts]

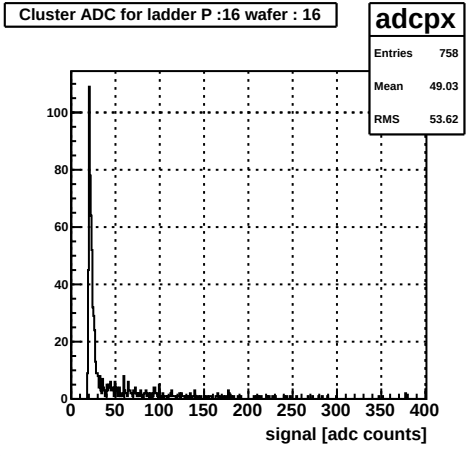

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1652
Mean 36.33
RMS 39.14
signal [adc counts]

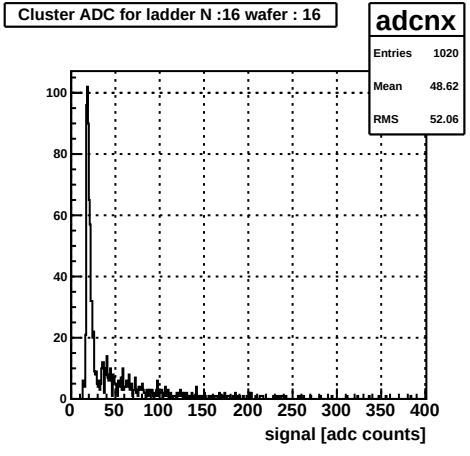

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3641
Mean 31.56
RMS 35.95
signal [adc counts]

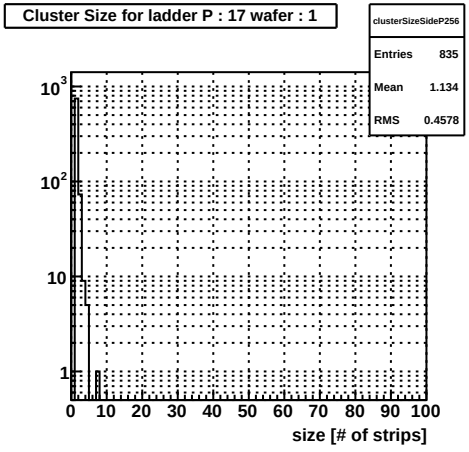

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 758
Mean 1.178
RMS 0.53
size [# of strips]

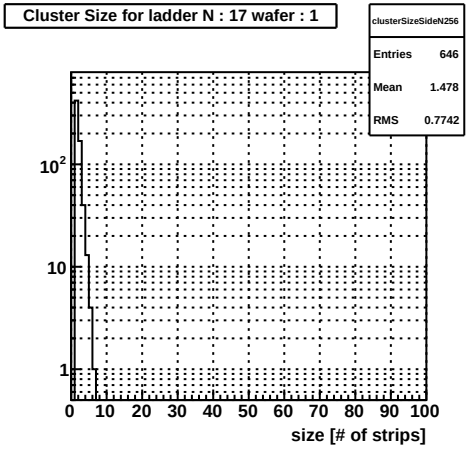

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1020
Mean 1.433
RMS 0.7439
size [# of strips]

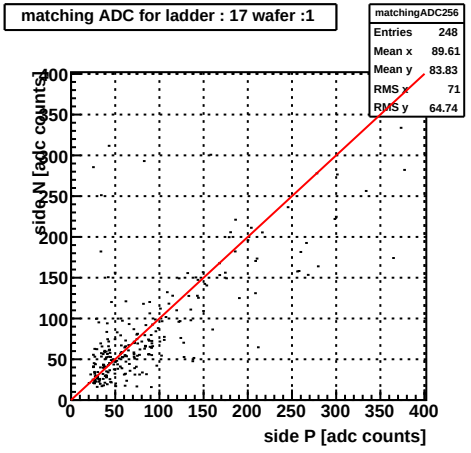

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 233
Mean x 109.3
Mean y 103
RMS x 75.57
RMS y 65.04
side N [adc counts]
side P [adc counts]

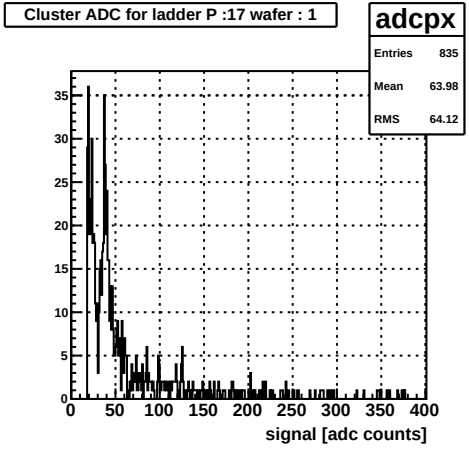

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 758
Mean 49.03
RMS 53.62
signal [adc counts]

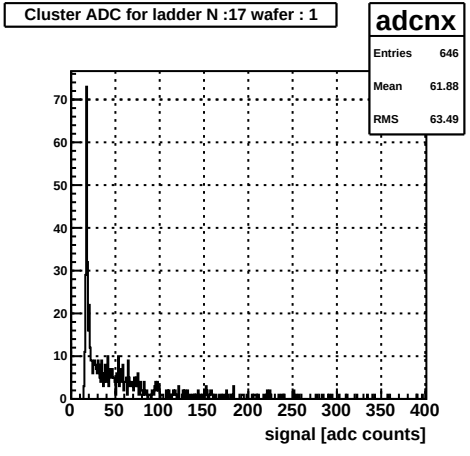

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1020
Mean 48.62
RMS 52.06
signal [adc counts]

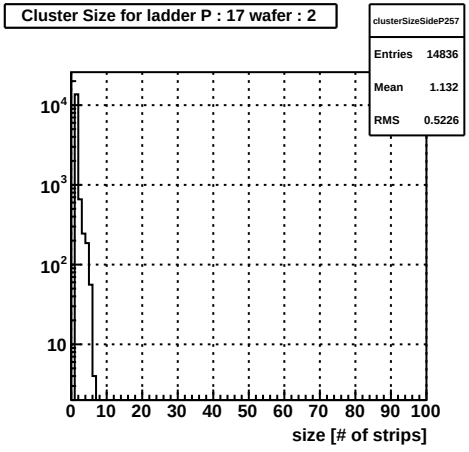

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 835
Mean 1.134
RMS 0.4578
size [# of strips]

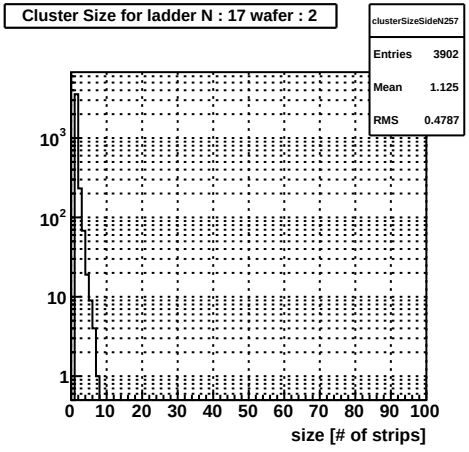

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 646
Mean 1.478
RMS 0.7742
size [# of strips]

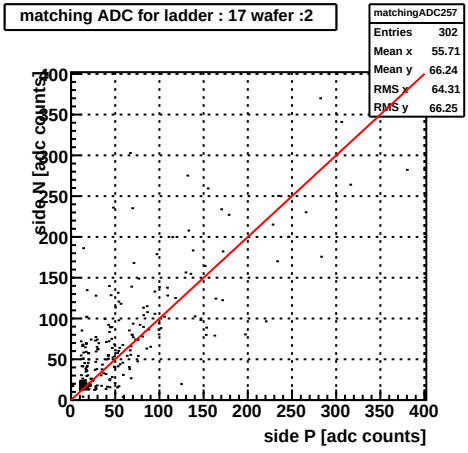

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 248
Mean x 89.61
Mean y 83.83
RMS x 71
RMS y 64.74
side N [adc counts]
side P [adc counts]

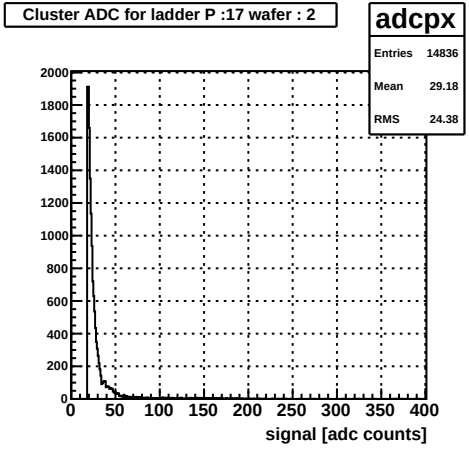

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 835
Mean 63.98
RMS 64.12
signal [adc counts]

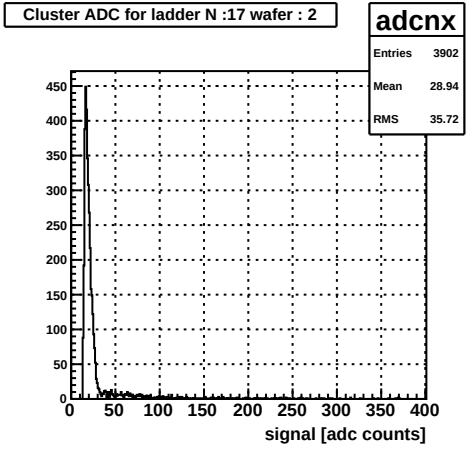

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 646
Mean 61.88
RMS 63.49
signal [adc counts]

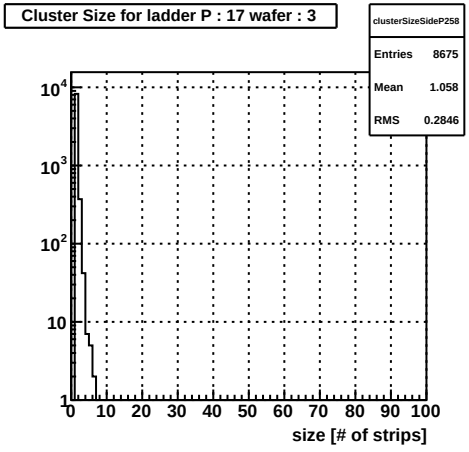

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14836
Mean 1.132
RMS 0.5226
size [# of strips]

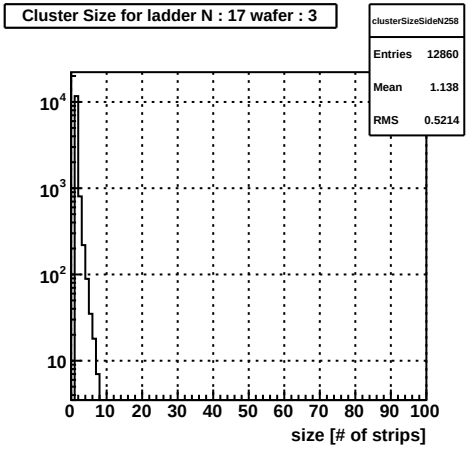

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3902
Mean 1.125
RMS 0.4787
size [# of strips]

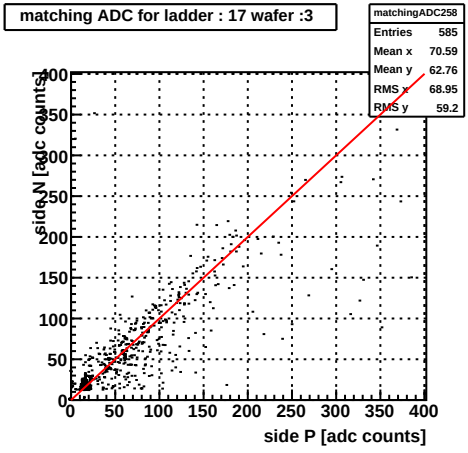

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 302
Mean x 55.71
Mean y 66.24
RMS x 64.31
RMS y 66.25
side N [adc counts]
side P [adc counts]

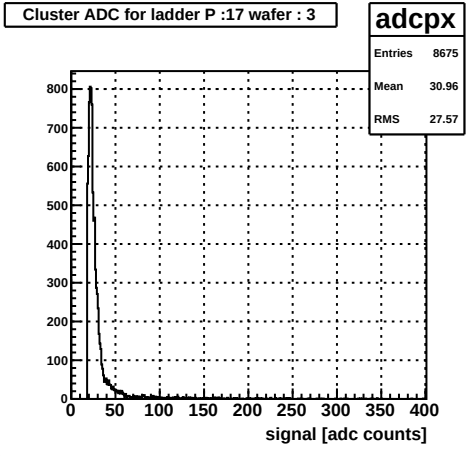

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14836
Mean 29.18
RMS 24.38
signal [adc counts]

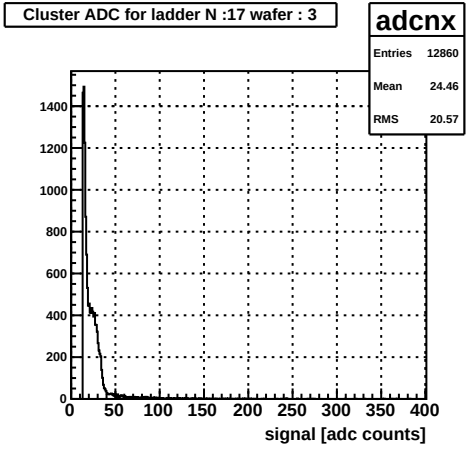

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3902
Mean 28.94
RMS 35.72
signal [adc counts]

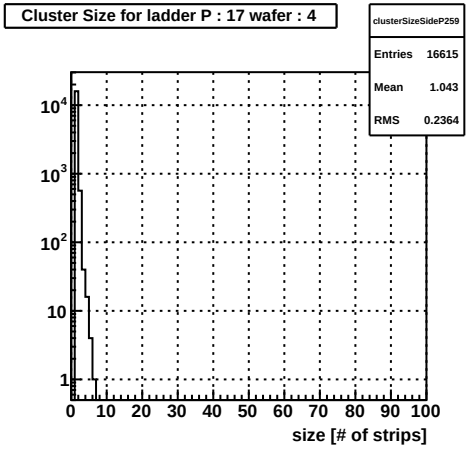

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8675
Mean 1.058
RMS 0.2846
size [# of strips]

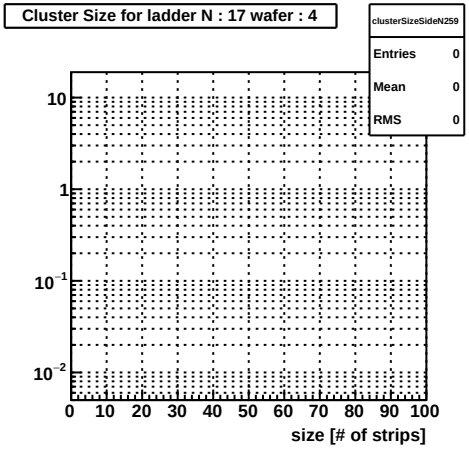

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 12860
Mean 1.138
RMS 0.5214
size [# of strips]

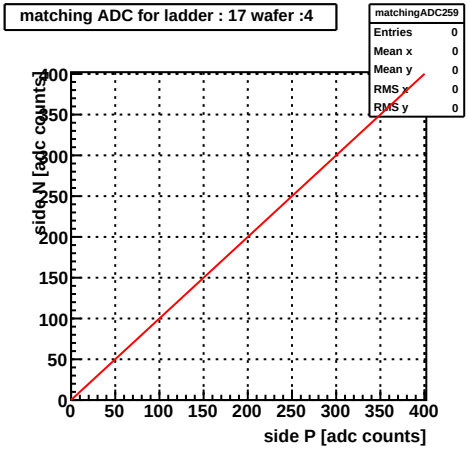

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 585
Mean x 70.59
Mean y 62.76
RMS x 68.95
RMS y 59.2
side N [adc counts]
side P [adc counts]

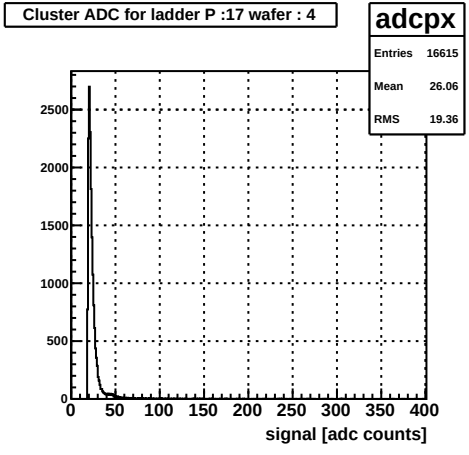

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8675
Mean 30.96
RMS 27.57
signal [adc counts]

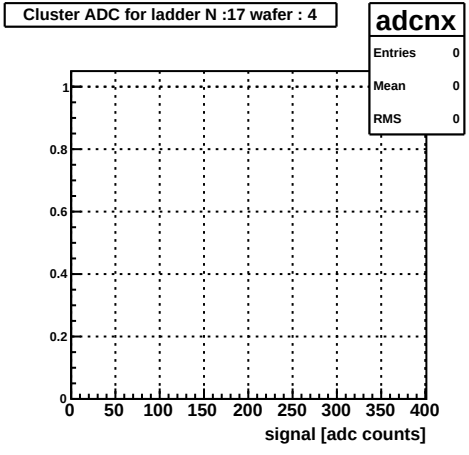

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 12860
Mean 24.46
RMS 20.57
signal [adc counts]

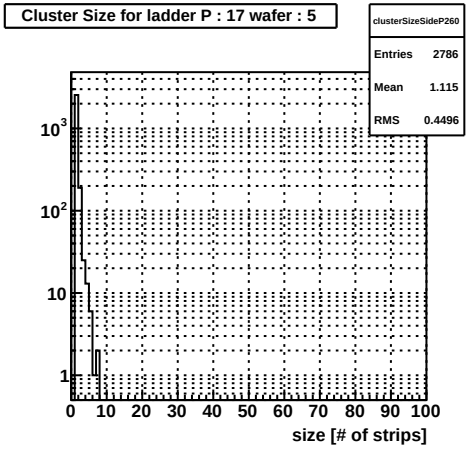

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 16615
Mean 1.043
RMS 0.2364
size [# of strips]

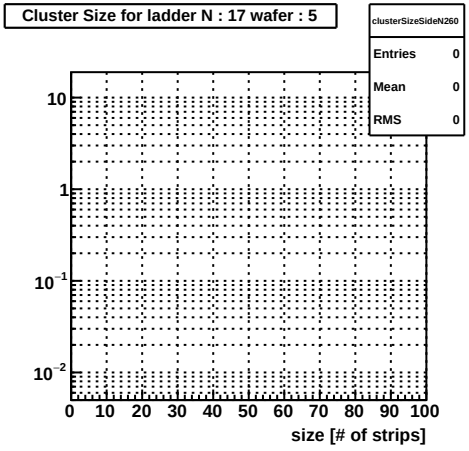

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

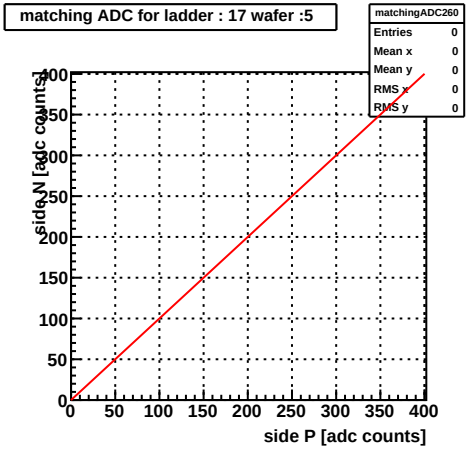

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

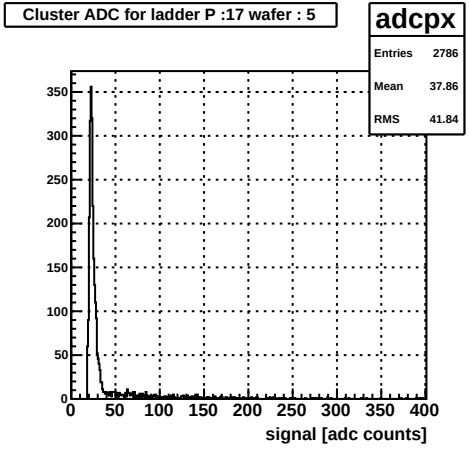

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 16615
Mean 26.06
RMS 19.36
signal [adc counts]

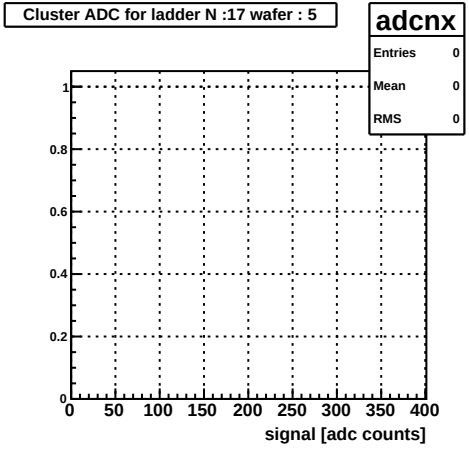

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

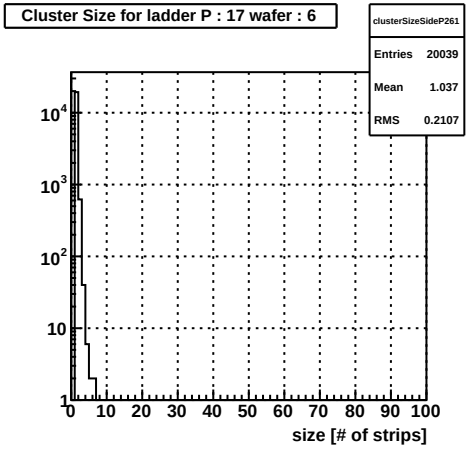

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2786
Mean 1.115
RMS 0.4496
size [# of strips]

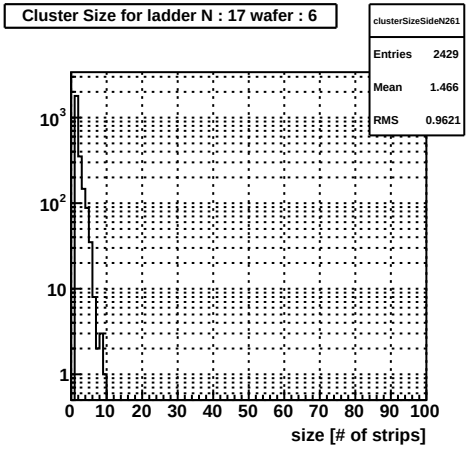

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

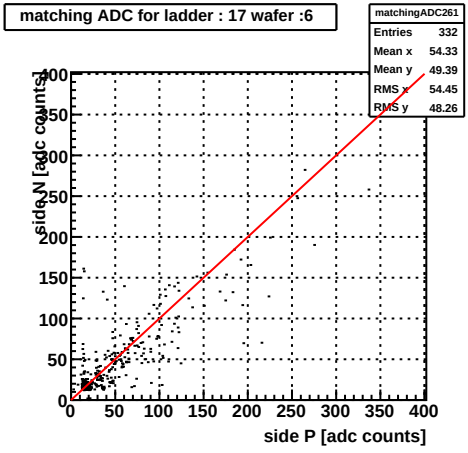

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

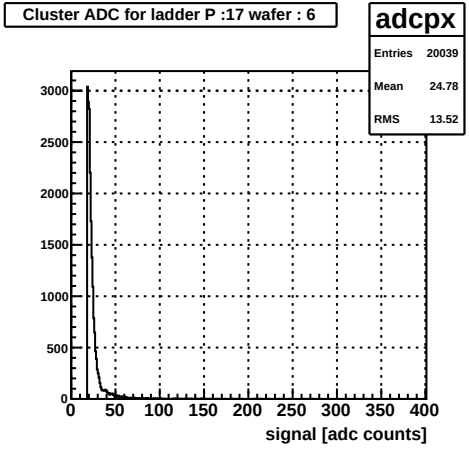

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2786
Mean 37.86
RMS 41.84
signal [adc counts]

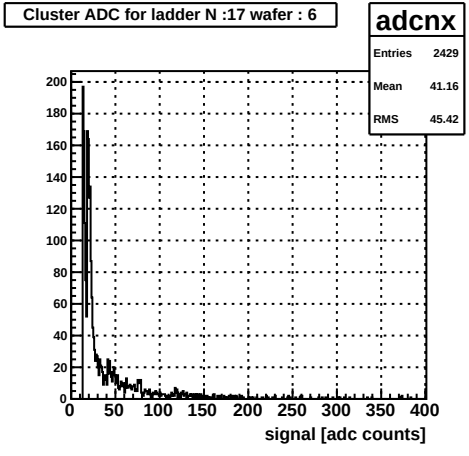

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

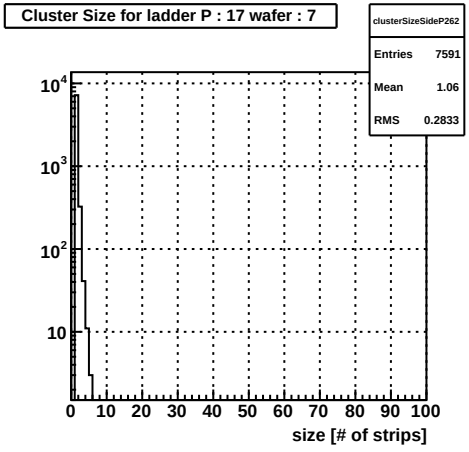

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 20039
Mean 1.037
RMS 0.2107
size [# of strips]

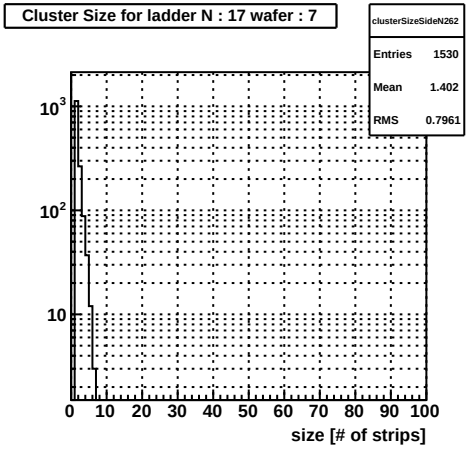

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2429
Mean 1.466
RMS 0.9621
size [# of strips]

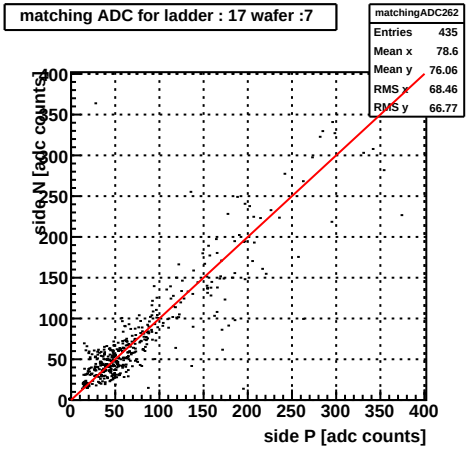

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 332
Mean x 54.33
Mean y 49.39
RMS x 54.45
RMS y 48.26
side N [adc counts]
side P [adc counts]

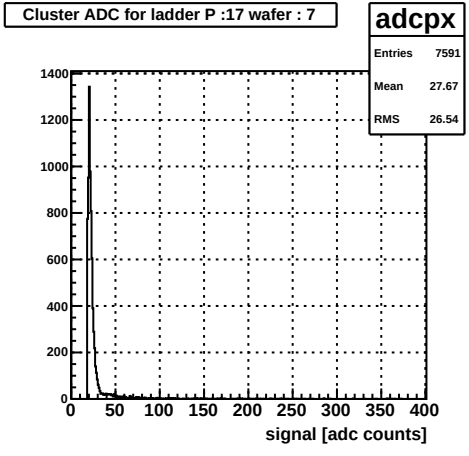

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 20039
Mean 24.78
RMS 13.52
signal [adc counts]

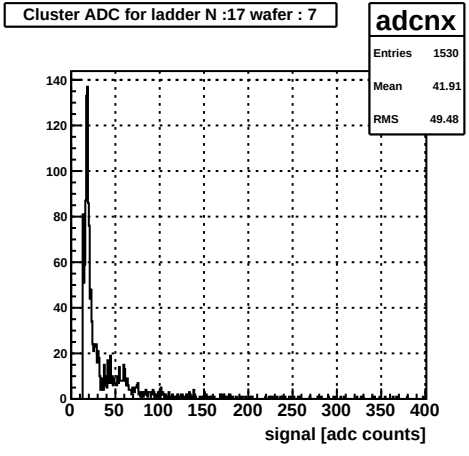

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2429
Mean 41.16
RMS 45.42
signal [adc counts]

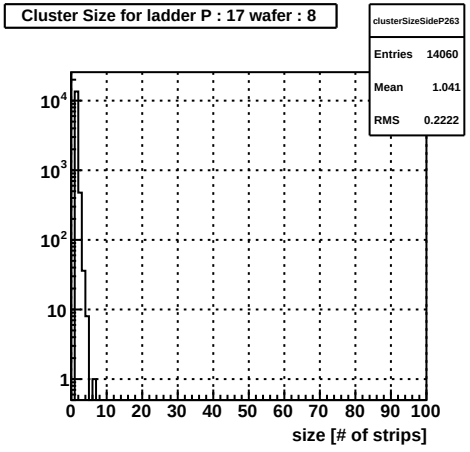

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 7591
Mean 1.06
RMS 0.2833
size [# of strips]

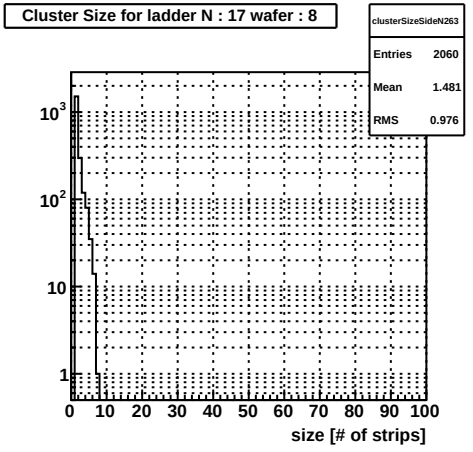

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1530
Mean 1.402
RMS 0.7961
size [# of strips]

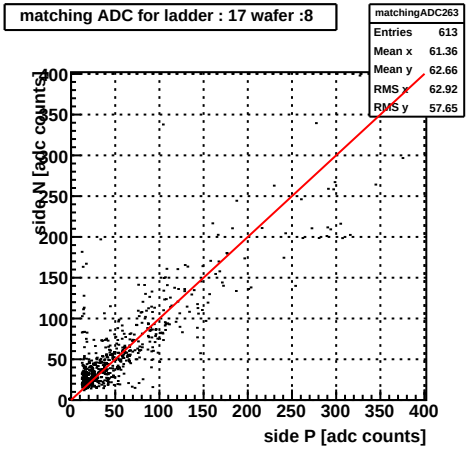

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 435
Mean x 78.6
Mean y 76.06
RMS x 68.46
RMS y 66.77
side N [adc counts]
side P [adc counts]

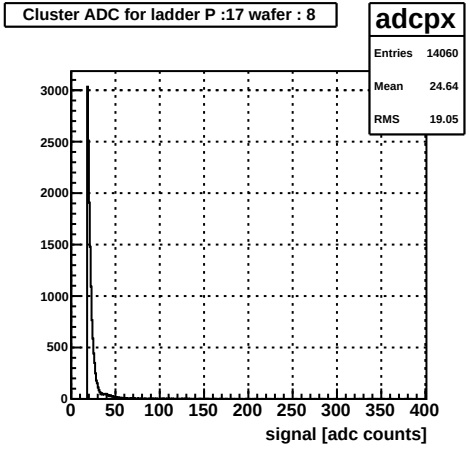

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 7591
Mean 27.67
RMS 26.54
signal [adc counts]

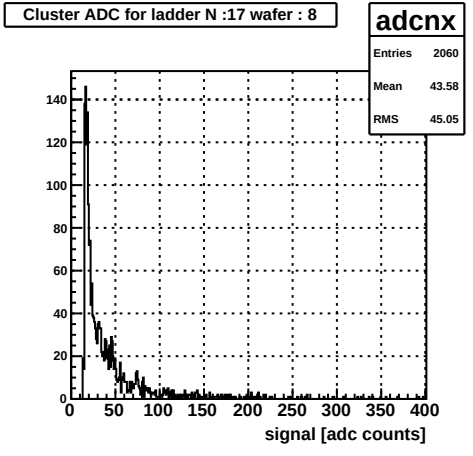

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1530
Mean 41.91
RMS 49.48
signal [adc counts]

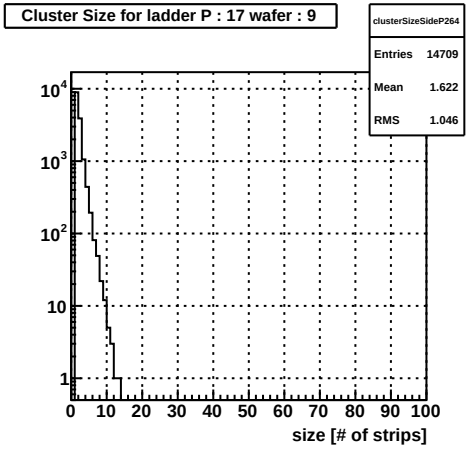

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14060
Mean 1.041
RMS 0.2222
size [# of strips]

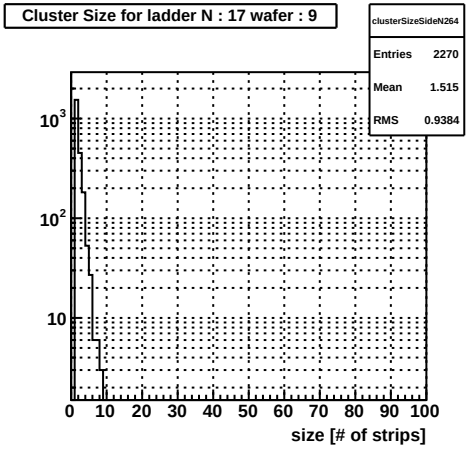

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2060
Mean 1.481
RMS 0.976
size [# of strips]

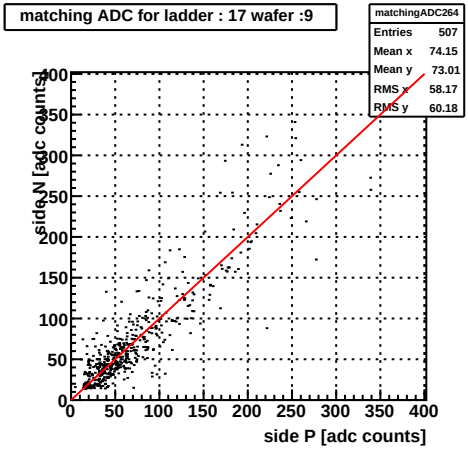

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 613
Mean x 61.36
Mean y 62.66
RMS x 62.92
RMS y 57.65
side N [adc counts]
side P [adc counts]

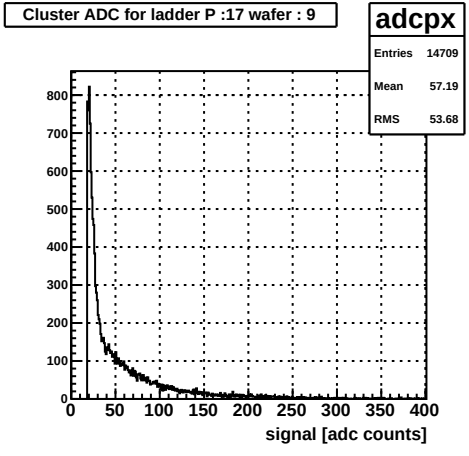

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14060
Mean 24.64
RMS 19.05
signal [adc counts]

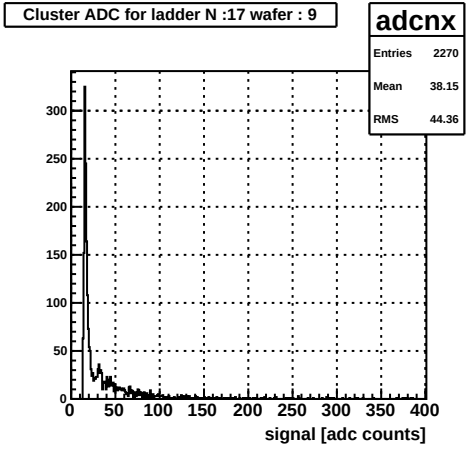

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2060
Mean 43.58
RMS 45.05
signal [adc counts]

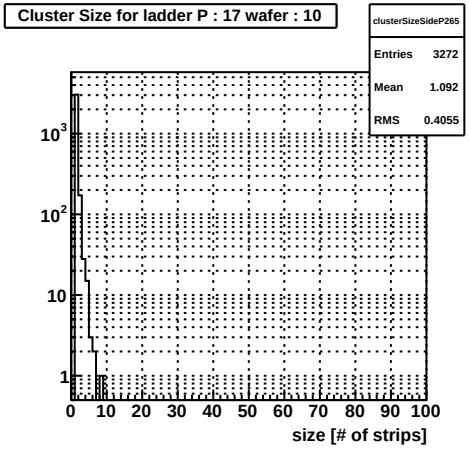

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 14709
Mean 1.622
RMS 1.046
size [# of strips]

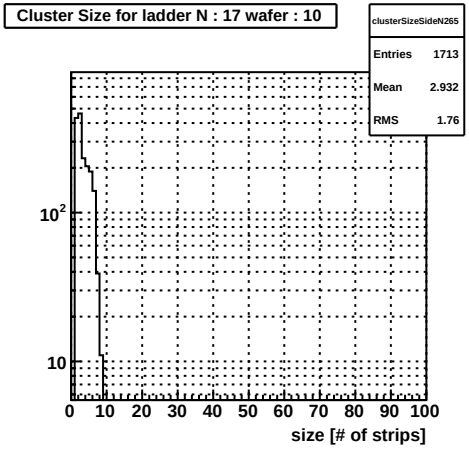

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2270
Mean 1.515
RMS 0.9384
size [# of strips]

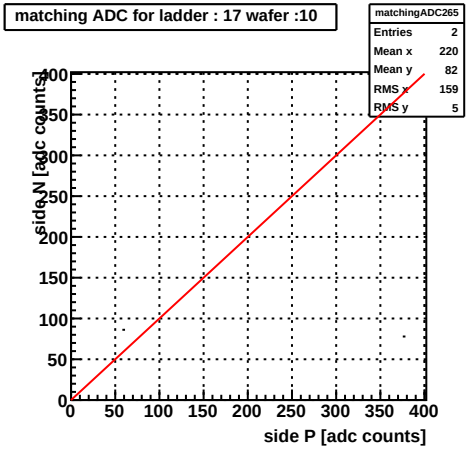

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 507
Mean x 74.15
Mean y 73.01
RMS x 58.17
RMS y 60.18
side N [adc counts]
side P [adc counts]

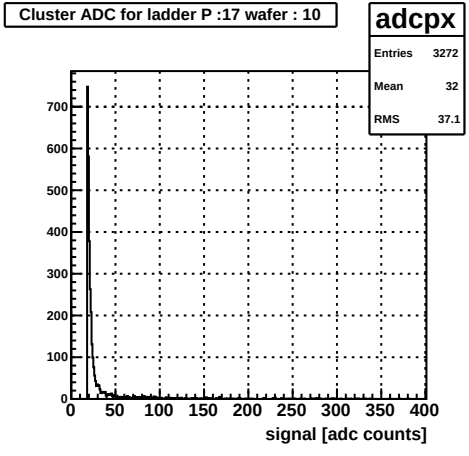

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 14709
Mean 57.19
RMS 53.68
signal [adc counts]

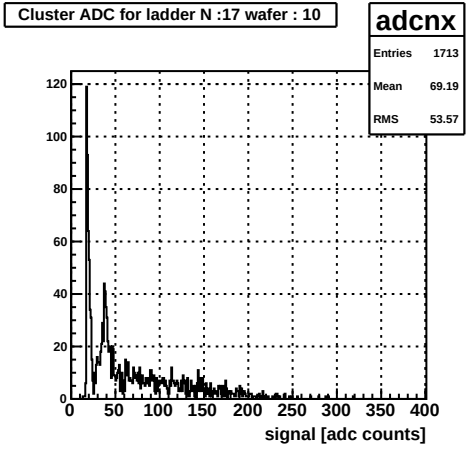

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2270
Mean 38.15
RMS 44.36
signal [adc counts]

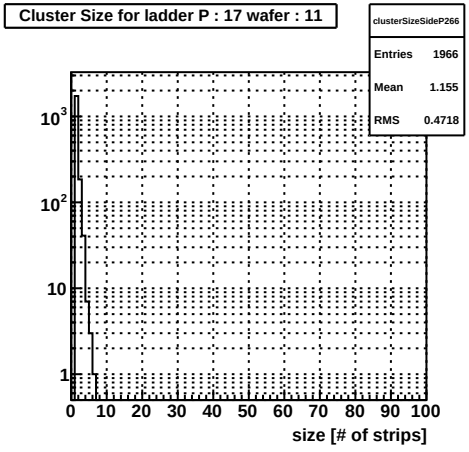

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3272
Mean 1.092
RMS 0.4055
size [# of strips]

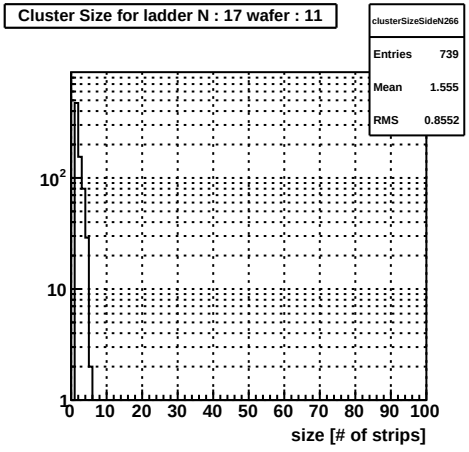

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1713
Mean 2.932
RMS 1.76
size [# of strips]

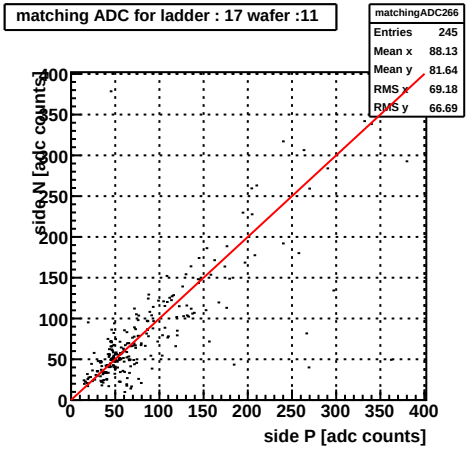

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 220
Mean y 82
RMS x 159
RMS y 5
side N [adc counts]
side P [adc counts]

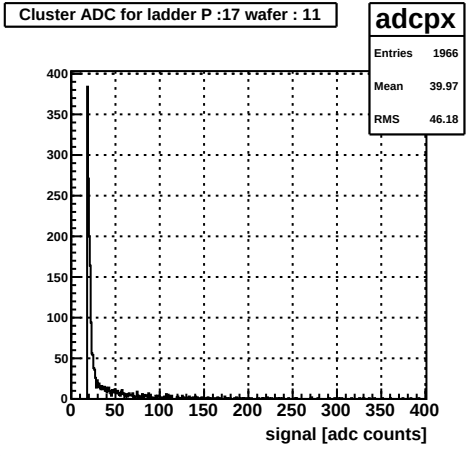

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3272
Mean 32
RMS 37.1
signal [adc counts]

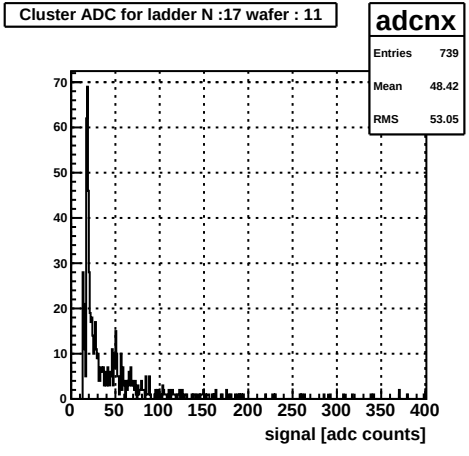

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1713
Mean 69.19
RMS 53.57
signal [adc counts]

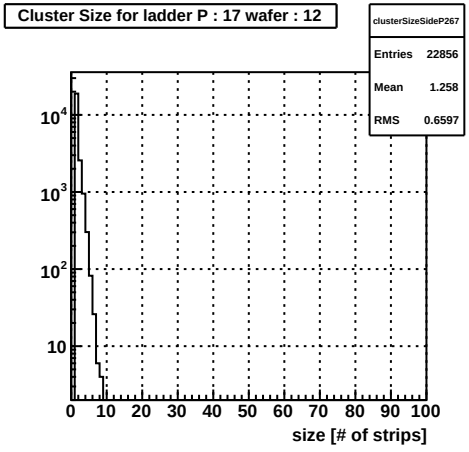

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1966
Mean 1.155
RMS 0.4718
size [# of strips]

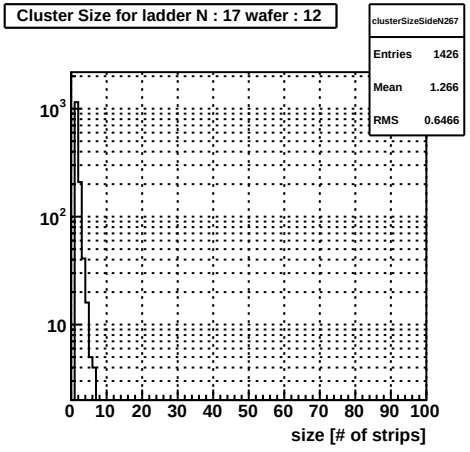

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 739
Mean 1.555
RMS 0.8552
size [# of strips]

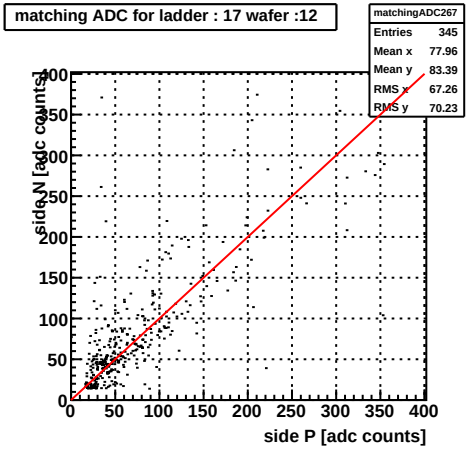

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 245
Mean x 88.13
Mean y 81.64
RMS x 69.18
RMS y 66.69
side N [adc counts]
side P [adc counts]

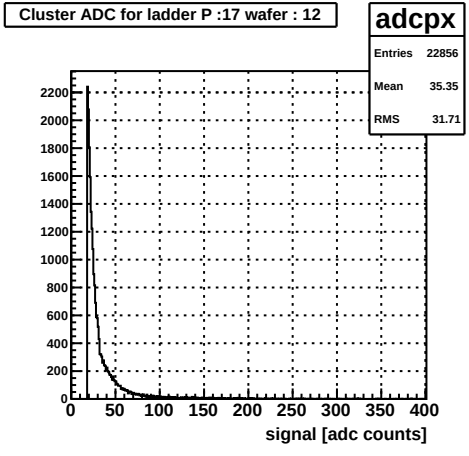

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1966
Mean 39.97
RMS 46.18
signal [adc counts]

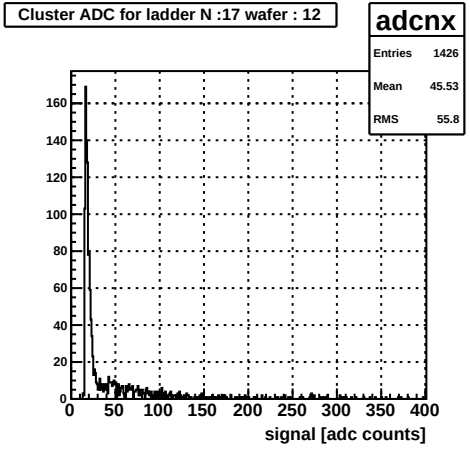

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 739
Mean 48.42
RMS 53.05
signal [adc counts]

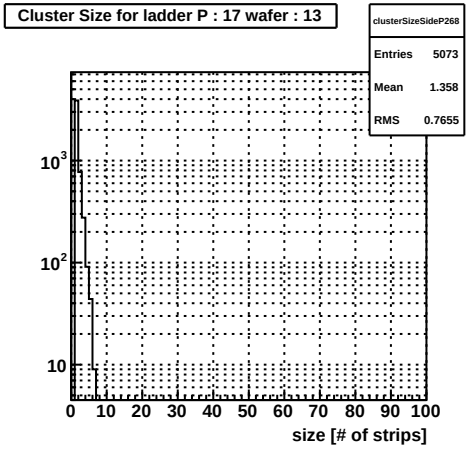

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 22856
Mean 1.258
RMS 0.6597
size [# of strips]

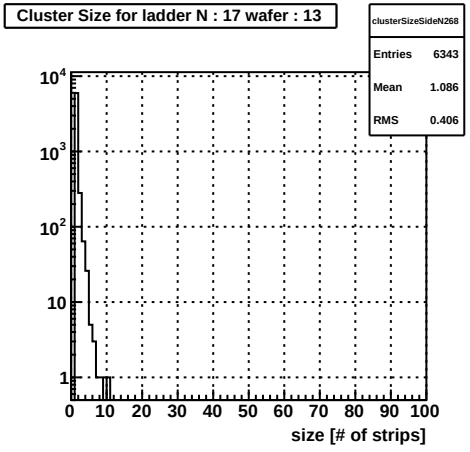

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1426
Mean 1.266
RMS 0.6466
size [# of strips]

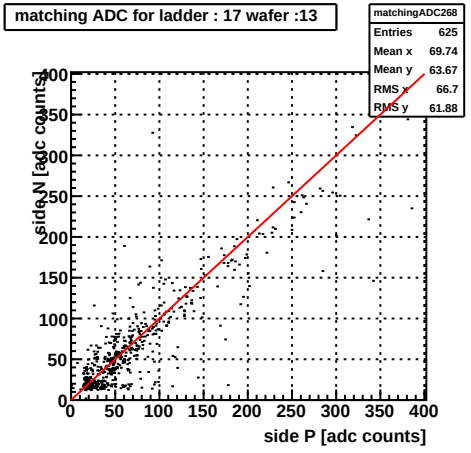

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 345
Mean x 77.96
Mean y 83.39
RMS x 67.26
RMS y 70.23
side N [adc counts]
side P [adc counts]

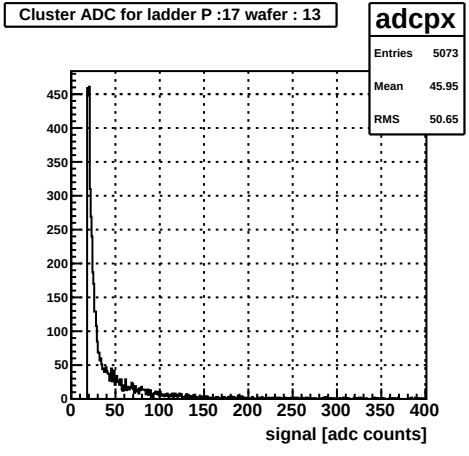

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 22856
Mean 35.35
RMS 31.71
signal [adc counts]

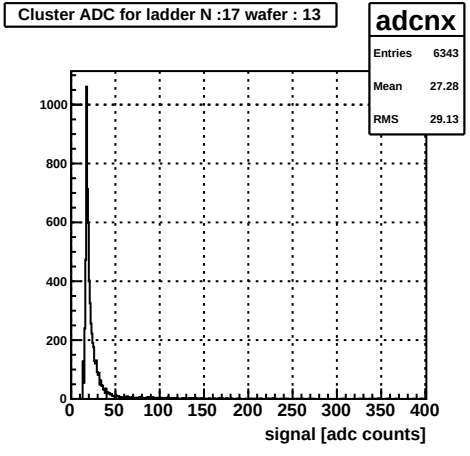

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1426
Mean 45.53
RMS 55.8
signal [adc counts]

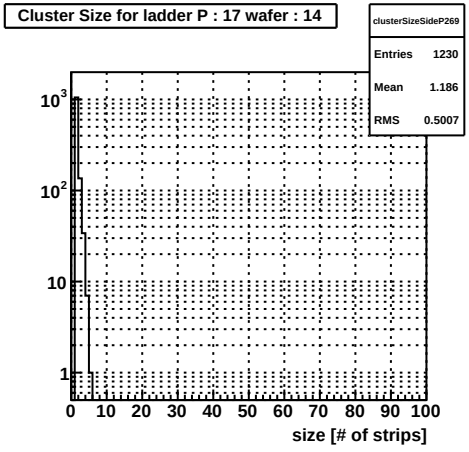

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5073
Mean 1.358
RMS 0.7655
size [# of strips]

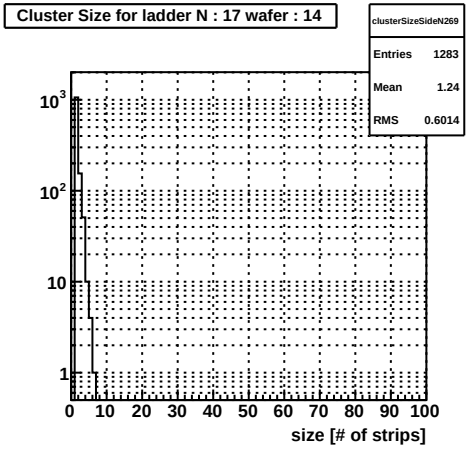

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6343
Mean 1.086
RMS 0.406
size [# of strips]

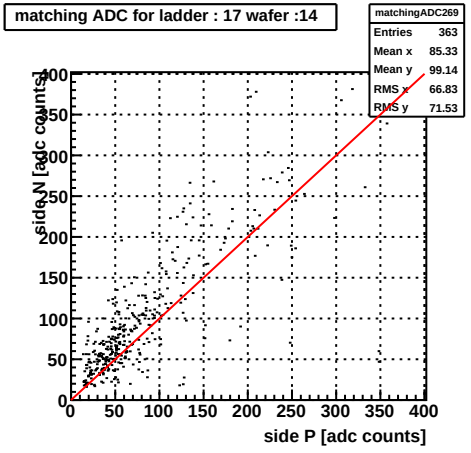

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 625
Mean x 69.74
Mean y 63.67
RMS x 66.7
RMS y 61.88
side N [adc counts]
side P [adc counts]

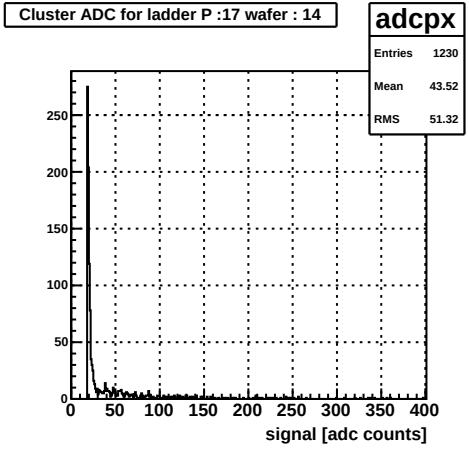

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5073
Mean 45.95
RMS 50.65
signal [adc counts]

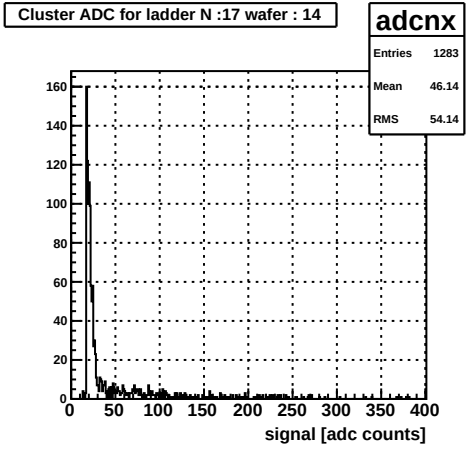

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6343
Mean 27.28
RMS 29.13
signal [adc counts]

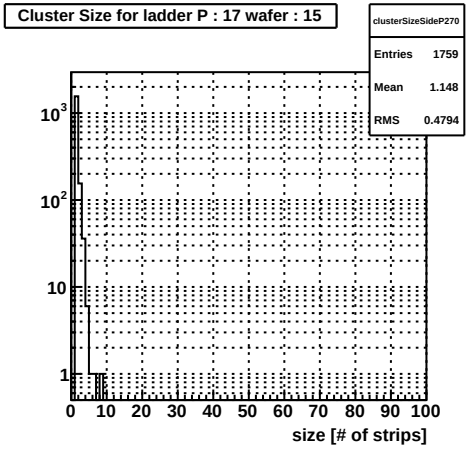

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1230
Mean 1.186
RMS 0.5007
size [# of strips]

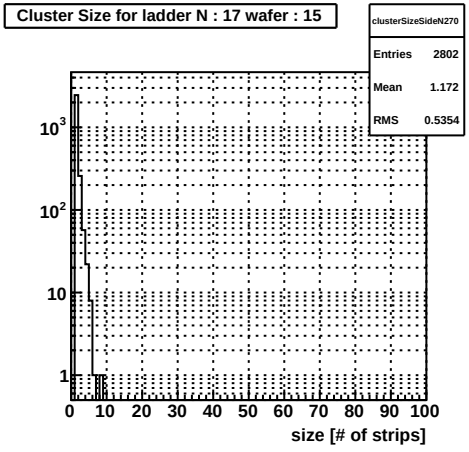

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1283
Mean 1.24
RMS 0.6014
size [# of strips]

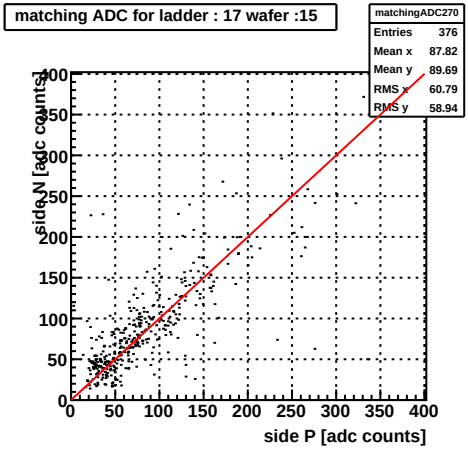

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 363
Mean x 85.33
Mean y 99.14
RMS x 66.83
RMS y 71.53
side N [adc counts]
side P [adc counts]

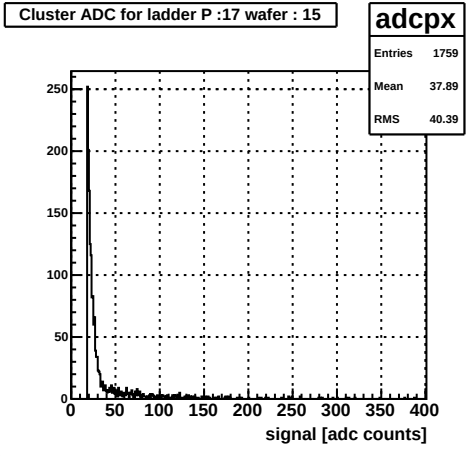

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1230
Mean 43.52
RMS 51.32
signal [adc counts]

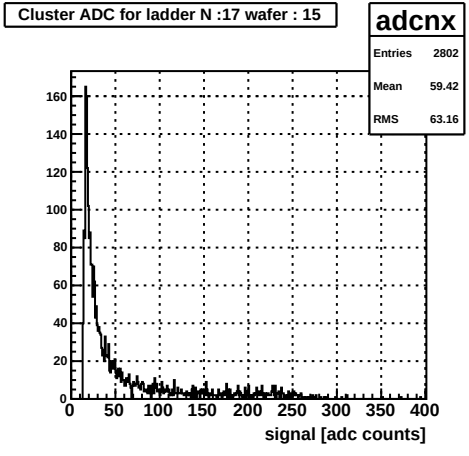

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1283
Mean 46.14
RMS 54.14
signal [adc counts]

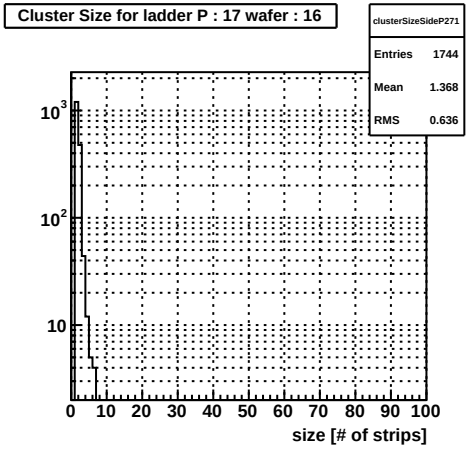

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1759
Mean 1.148
RMS 0.4794
size [# of strips]

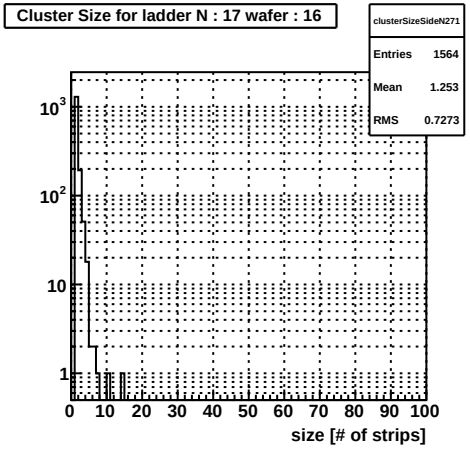

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2802
Mean 1.172
RMS 0.5354
size [# of strips]

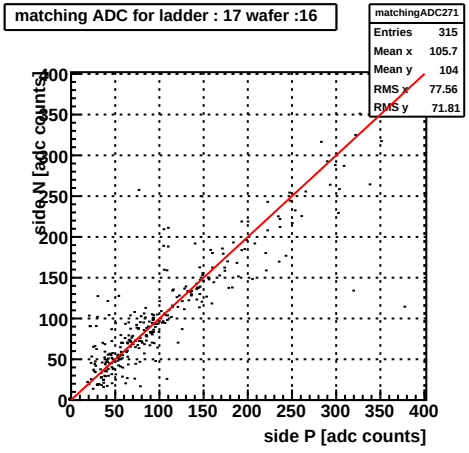

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 376
Mean x 87.82
Mean y 89.69
RMS x 60.79
RMS y 58.94
side N [adc counts]
side P [adc counts]

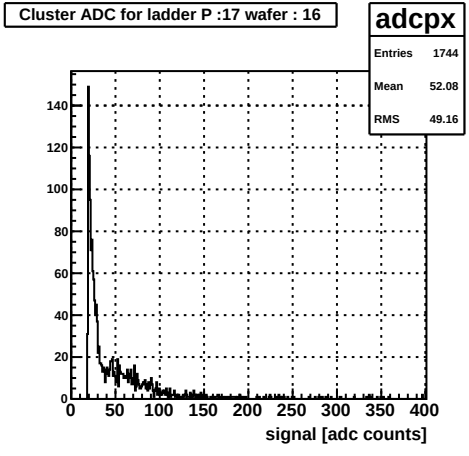

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1759
Mean 37.89
RMS 40.39
signal [adc counts]

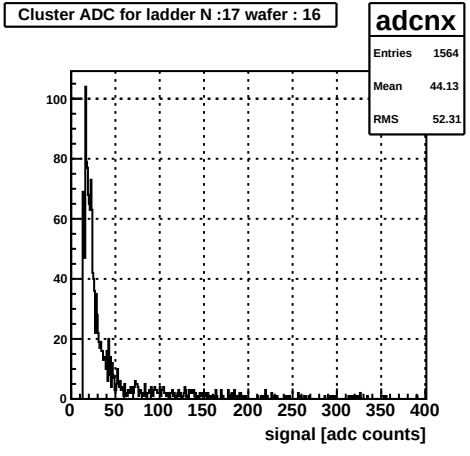

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2802
Mean 59.42
RMS 63.16
signal [adc counts]

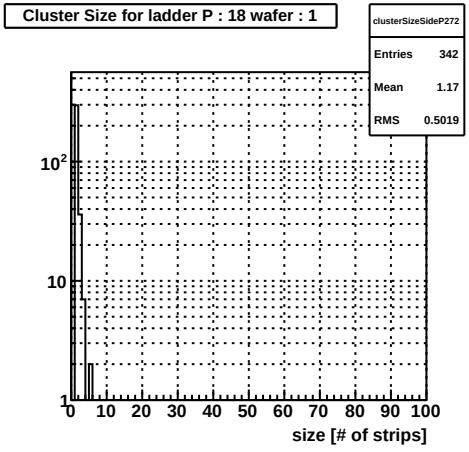

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1744
Mean 1.368
RMS 0.636
size [# of strips]

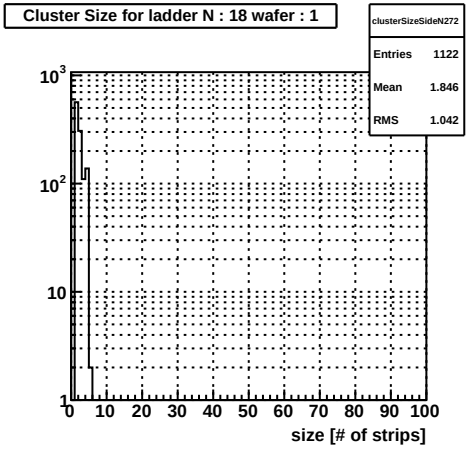

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1564
Mean 1.253
RMS 0.7273
size [# of strips]

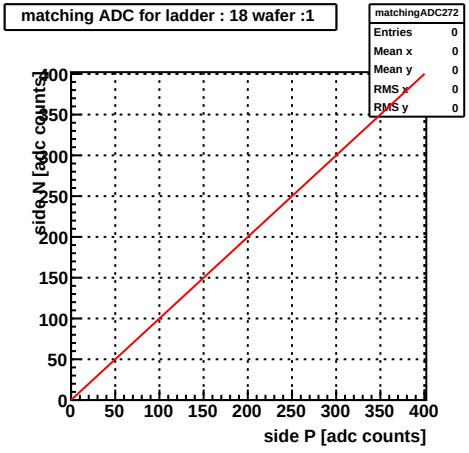

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 315
Mean x 105.7
Mean y 104
RMS x 77.56
RMS y 71.81
side N [adc counts]
side P [adc counts]

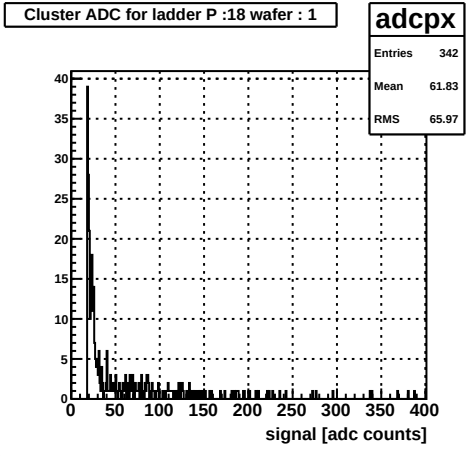

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1744
Mean 52.08
RMS 49.16
signal [adc counts]

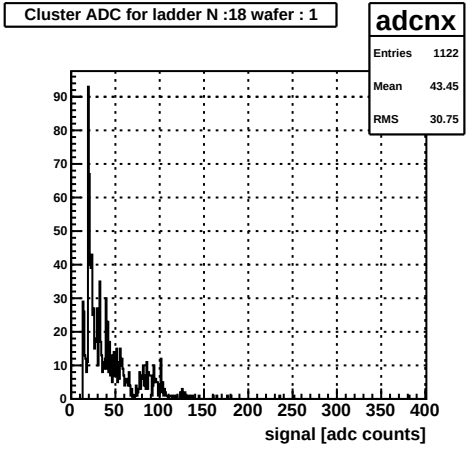

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1564
Mean 44.13
RMS 52.31
signal [adc counts]

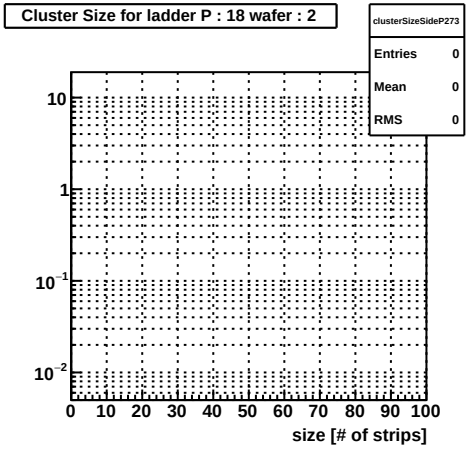

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 342
Mean 1.17
RMS 0.5019
size [# of strips]

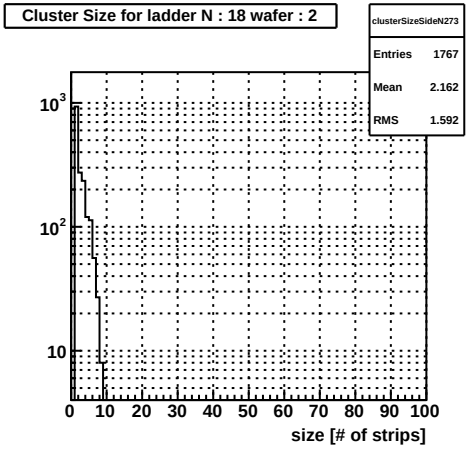

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1122
Mean 1.846
RMS 1.042
size [# of strips]

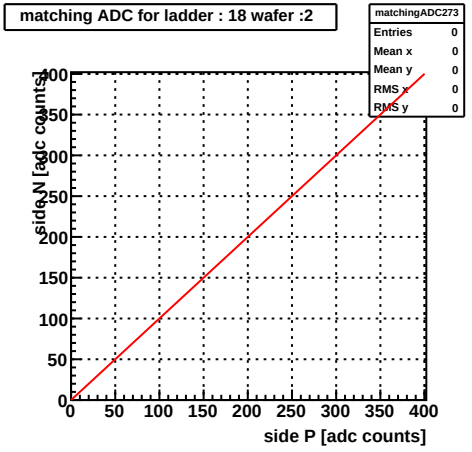

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

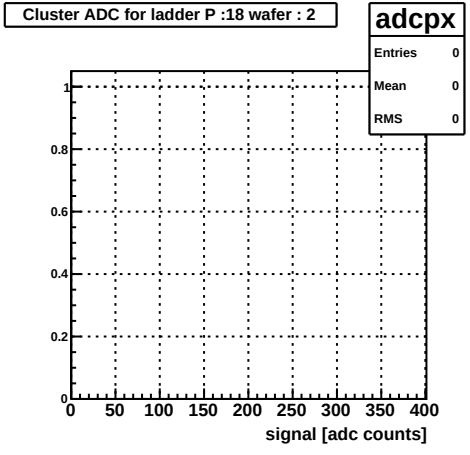

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 342
Mean 61.83
RMS 65.97
signal [adc counts]

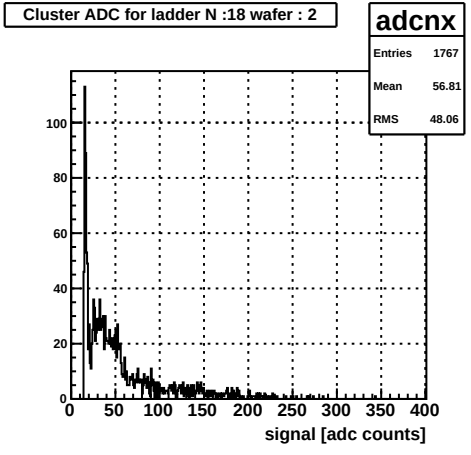

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1122
Mean 43.45
RMS 30.75
signal [adc counts]

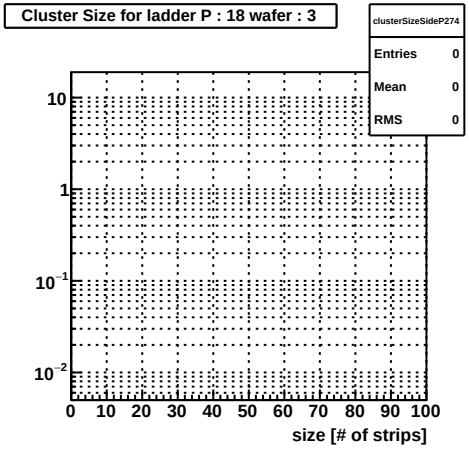

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

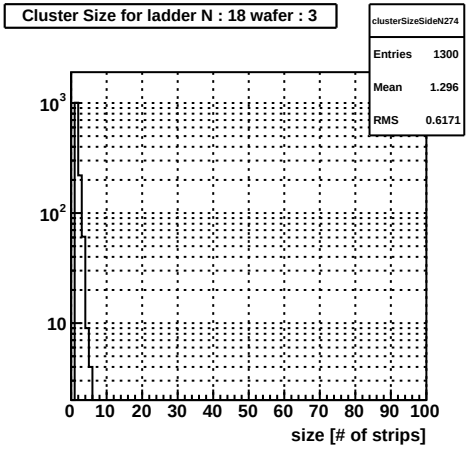

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1767
Mean 2.162
RMS 1.592
size [# of strips]

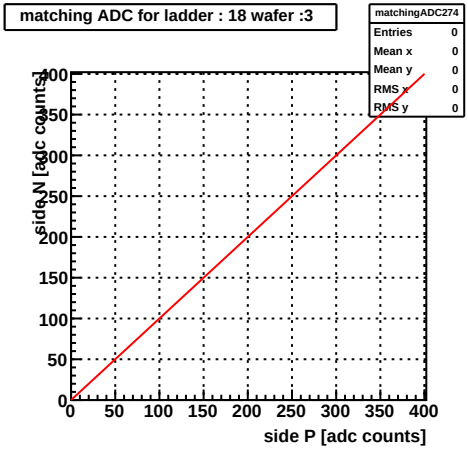

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

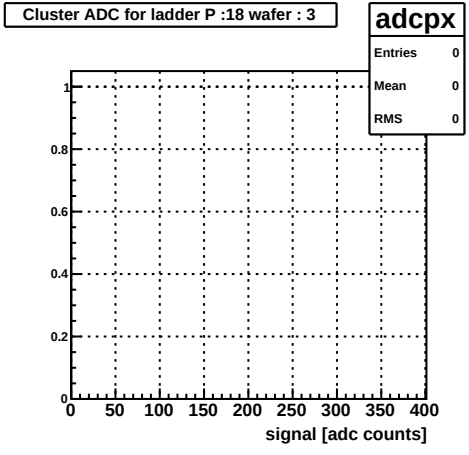

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

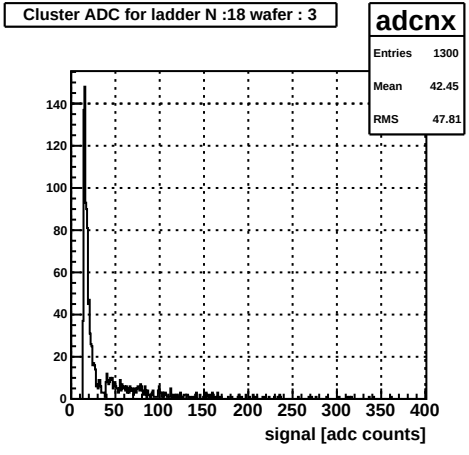

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1767
Mean 56.81
RMS 48.06
signal [adc counts]

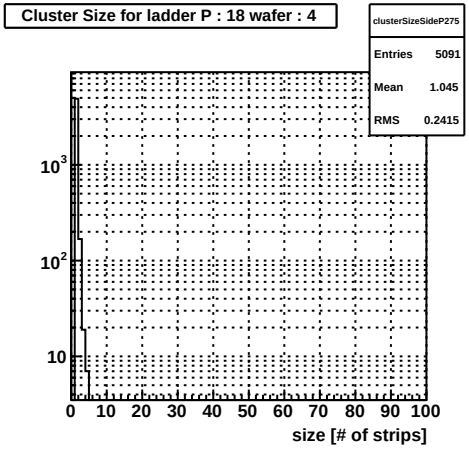

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

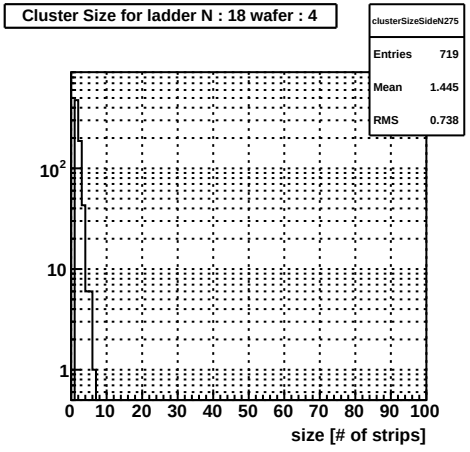

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1300
Mean 1.296
RMS 0.6171
size [# of strips]

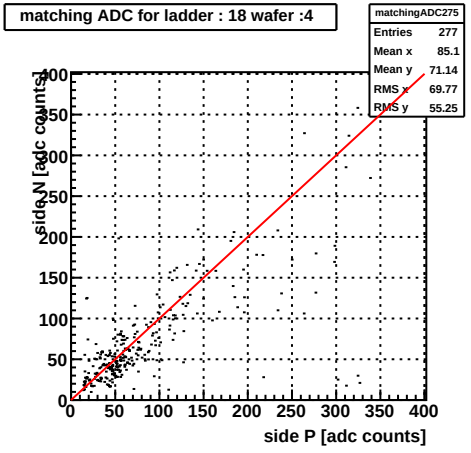

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

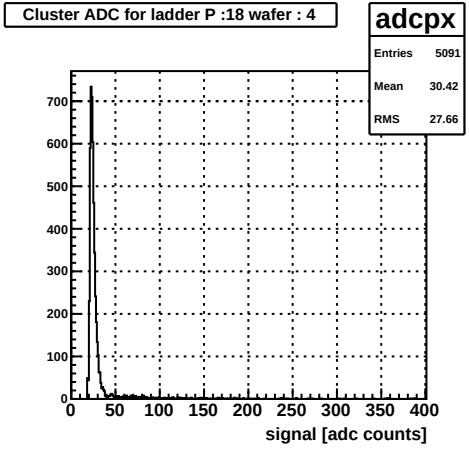

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

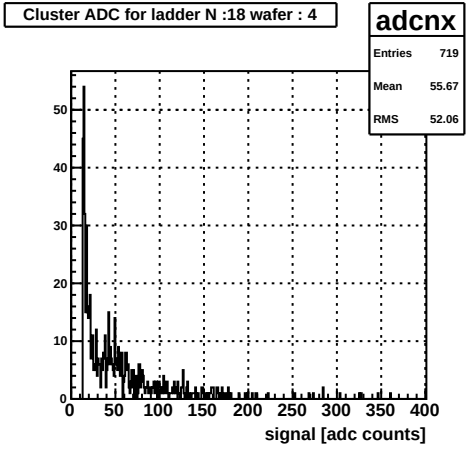

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1300
Mean 42.45
RMS 47.81
signal [adc counts]

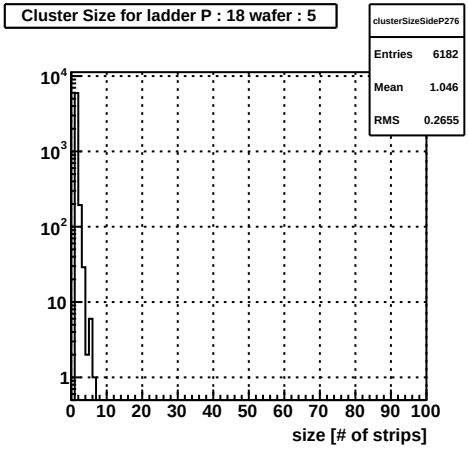

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 5091
Mean 1.045
RMS 0.2415
size [# of strips]

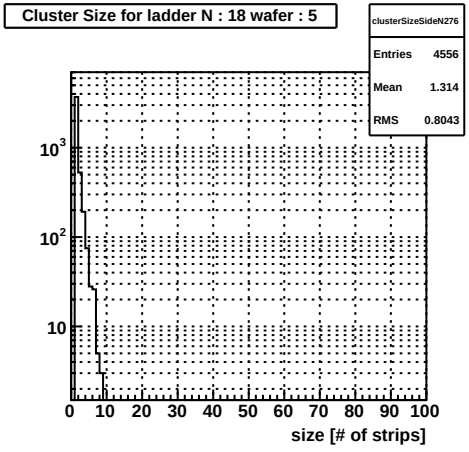

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 719
Mean 1.445
RMS 0.738
size [# of strips]

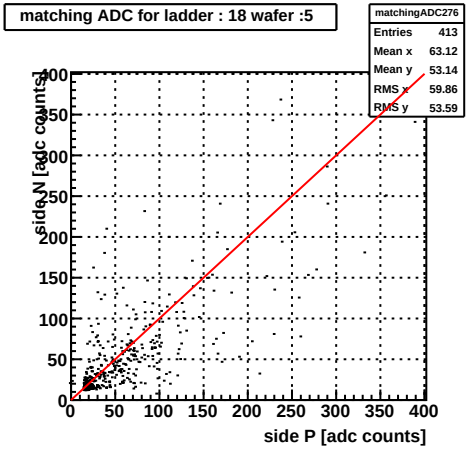

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 277
Mean x 85.1
Mean y 71.14
RMS x 69.77
RMS y 55.25
side N [adc counts]
side P [adc counts]

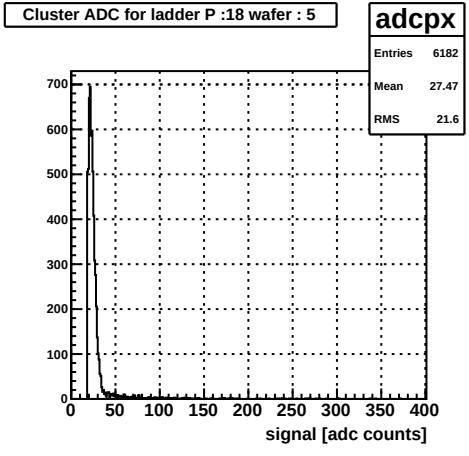

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 5091
Mean 30.42
RMS 27.66
signal [adc counts]

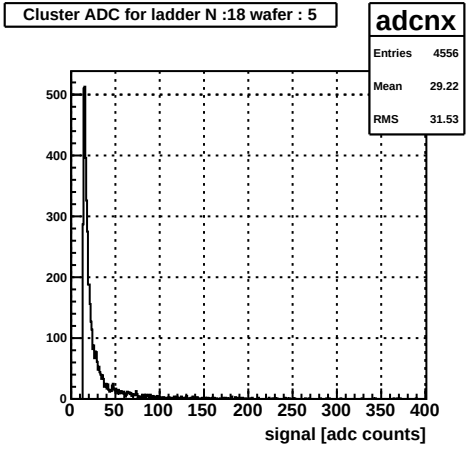

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 719
Mean 55.67
RMS 52.06
signal [adc counts]

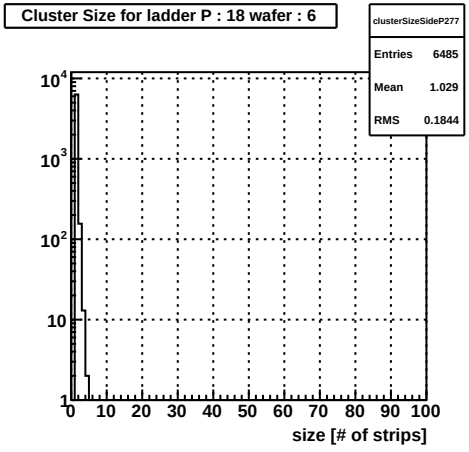

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6182
Mean 1.046
RMS 0.2655
size [# of strips]

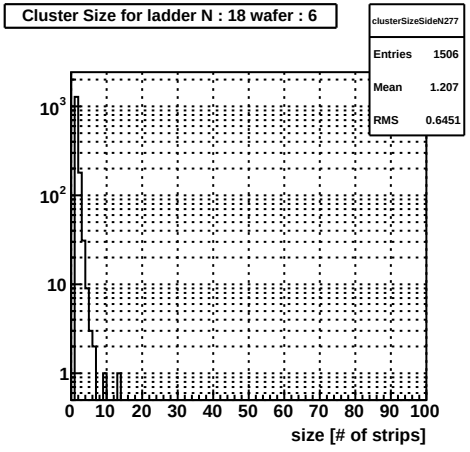

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4556
Mean 1.314
RMS 0.8043
size [# of strips]

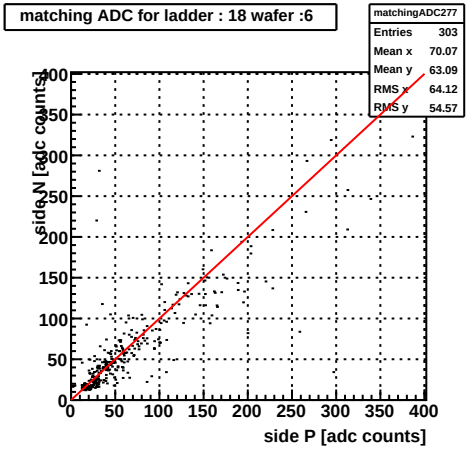

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 413
Mean x 63.12
Mean y 53.14
RMS x 59.86
RMS y 53.59
side N [adc counts]
side P [adc counts]

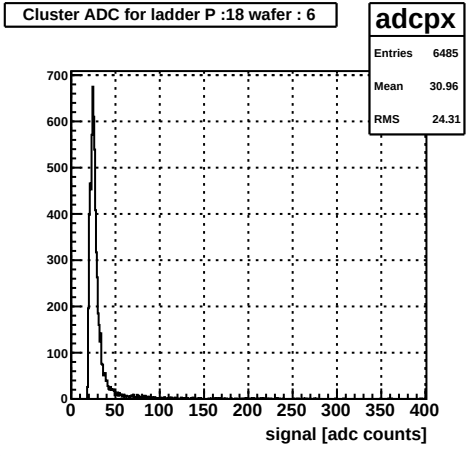

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6182
Mean 27.47
RMS 21.6
signal [adc counts]

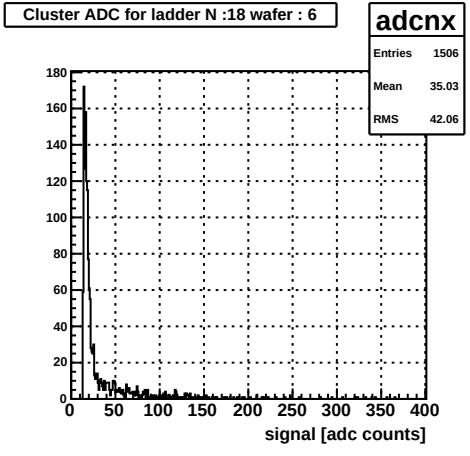

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4556
Mean 29.22
RMS 31.53
signal [adc counts]

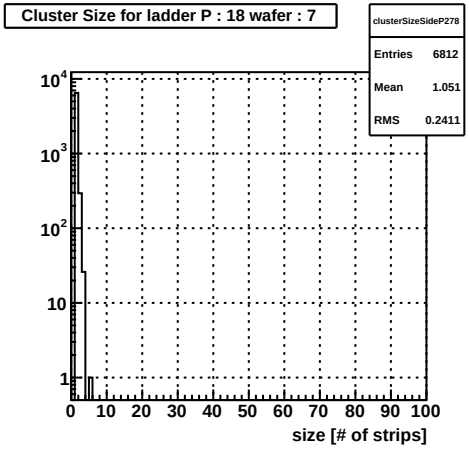

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 6485
Mean 1.029
RMS 0.1844
size [# of strips]

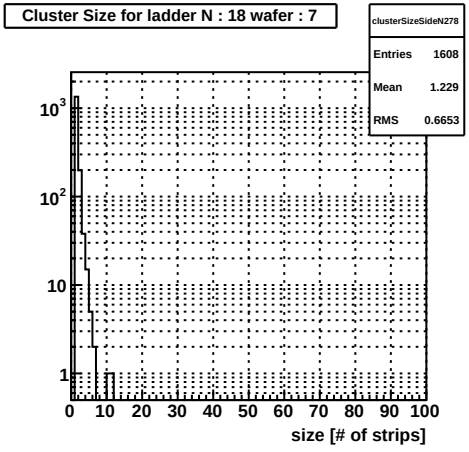

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1506
Mean 1.207
RMS 0.6451
size [# of strips]

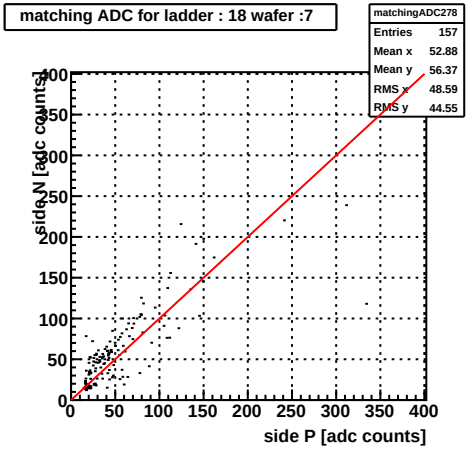

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 303
Mean x 70.07
Mean y 63.09
RMS x 64.12
RMS y 54.57
side N [adc counts]
side P [adc counts]

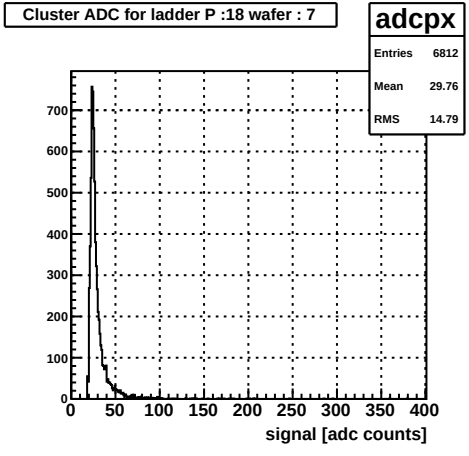

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 6485
Mean 30.96
RMS 24.31
signal [adc counts]

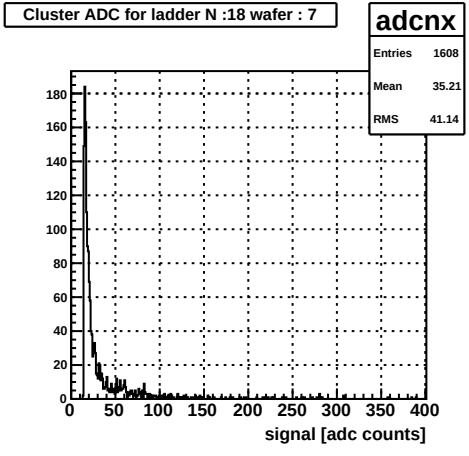

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1506
Mean 35.03
RMS 42.06
signal [adc counts]

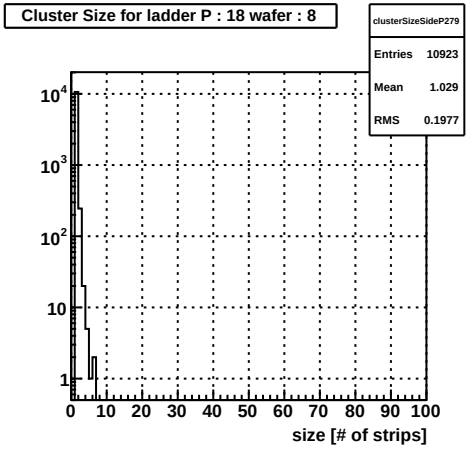

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6812
Mean 1.051
RMS 0.2411
size [# of strips]

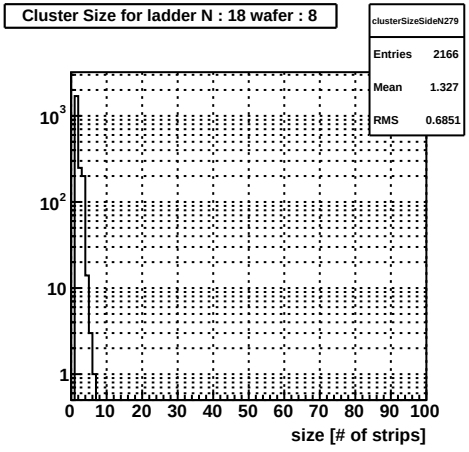

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1608
Mean 1.229
RMS 0.6653
size [# of strips]

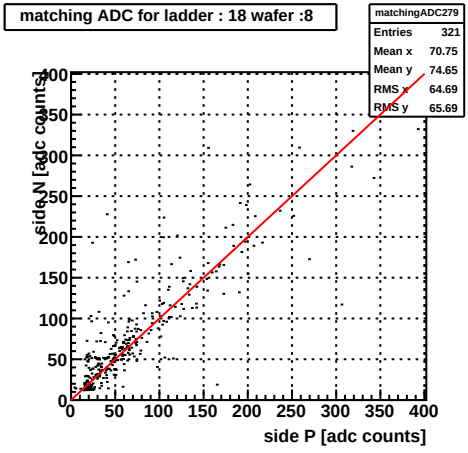

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 157
Mean x 52.88
Mean y 56.37
RMS x 48.59
RMS y 44.55
side N [adc counts]
side P [adc counts]

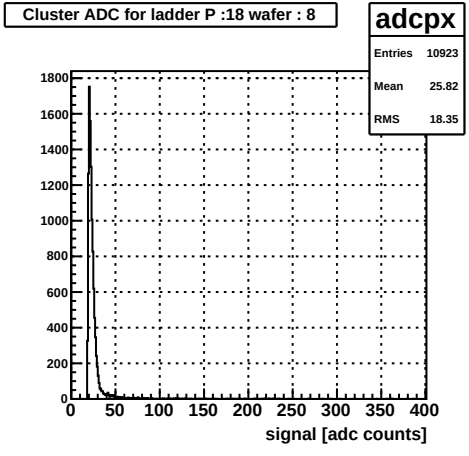

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6812
Mean 29.76
RMS 14.79
signal [adc counts]

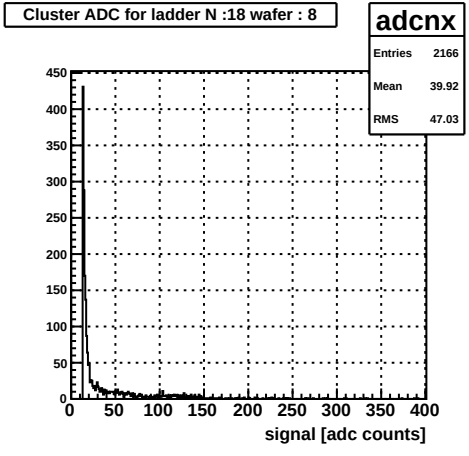

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1608
Mean 35.21
RMS 41.14
signal [adc counts]

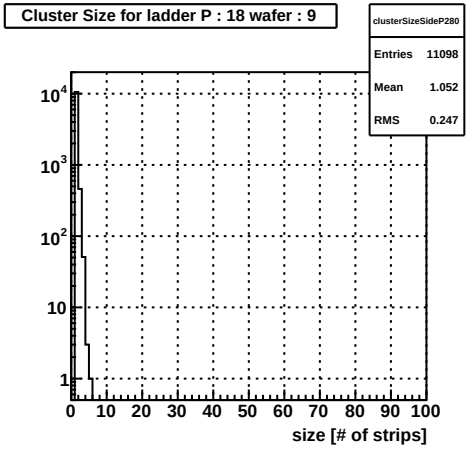

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10923
Mean 1.029
RMS 0.1977
size [# of strips]

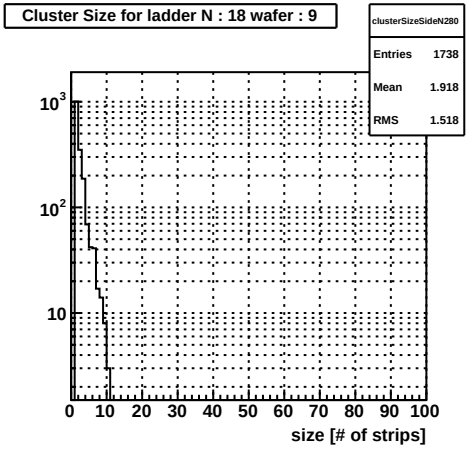

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2166
Mean 1.327
RMS 0.6851
size [# of strips]

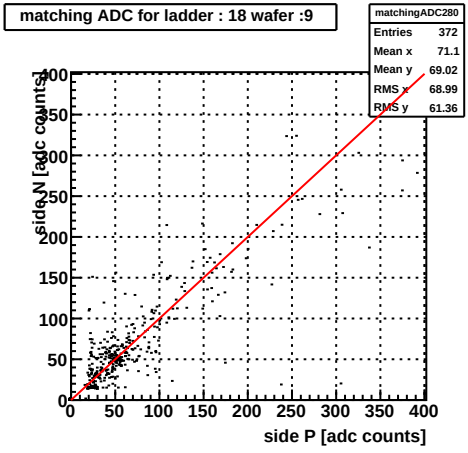

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 321
Mean x 70.75
Mean y 74.65
RMS x 64.69
RMS y 65.69
side N [adc counts]
side P [adc counts]

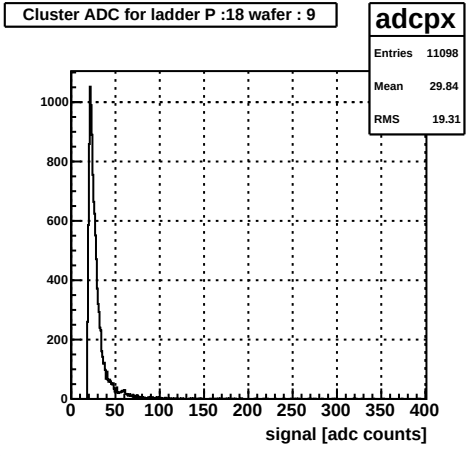

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10923
Mean 25.82
RMS 18.35
signal [adc counts]

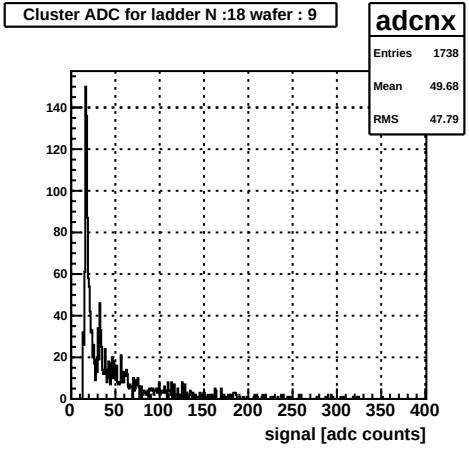

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2166
Mean 39.92
RMS 47.03
signal [adc counts]

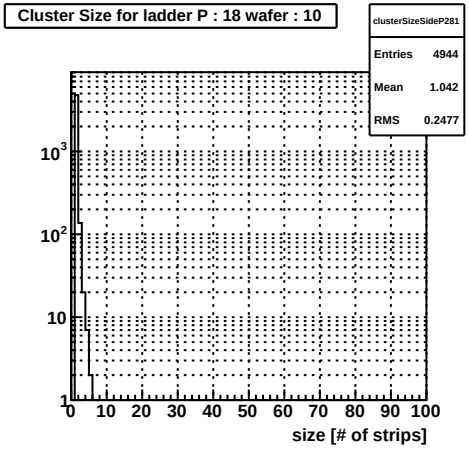

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11098
Mean 1.052
RMS 0.247
size [# of strips]

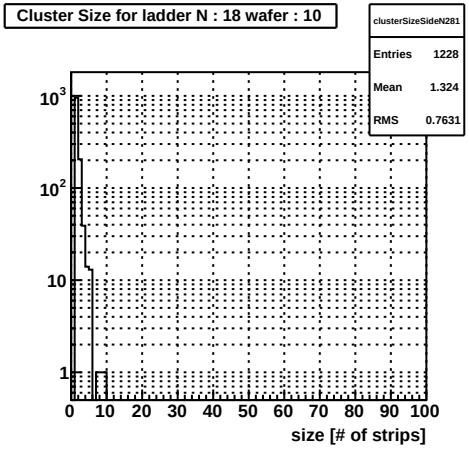

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1738
Mean 1.918
RMS 1.518
size [# of strips]

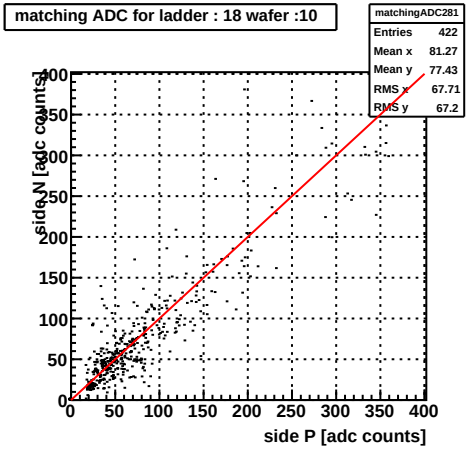

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 372
Mean x 71.1
Mean y 69.02
RMS x 68.99
RMS y 61.36
side N [adc counts]
side P [adc counts]

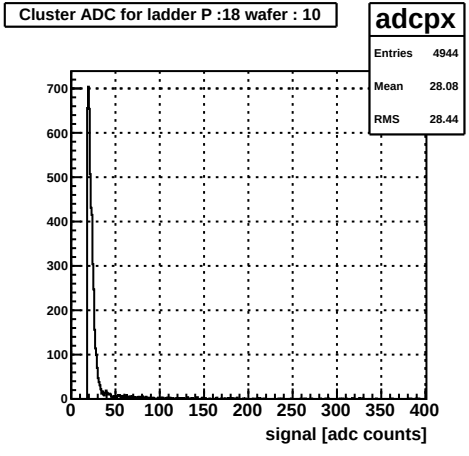

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11098
Mean 29.84
RMS 19.31
signal [adc counts]

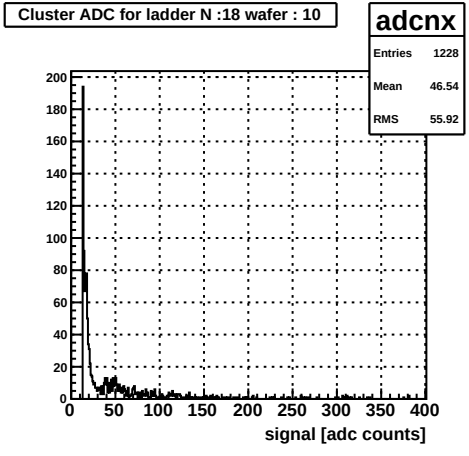

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1738
Mean 49.68
RMS 47.79
signal [adc counts]

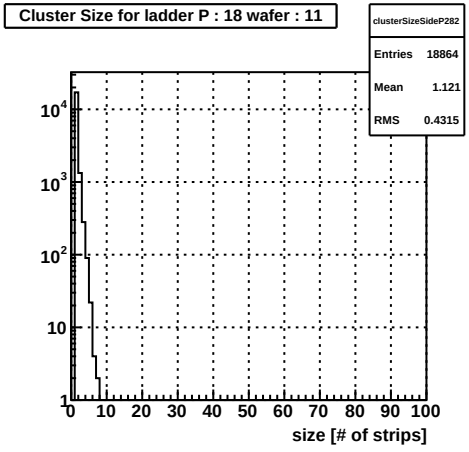

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4944
Mean 1.042
RMS 0.2477
size [# of strips]

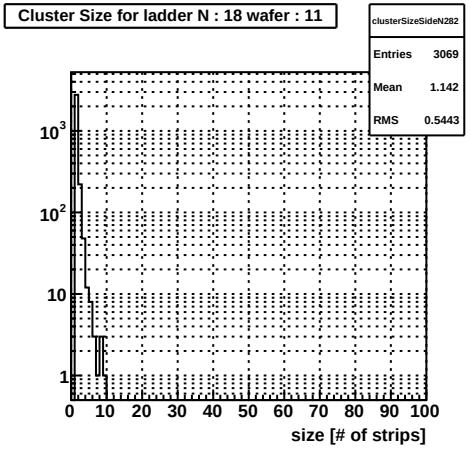

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1228
Mean 1.324
RMS 0.7631
size [# of strips]

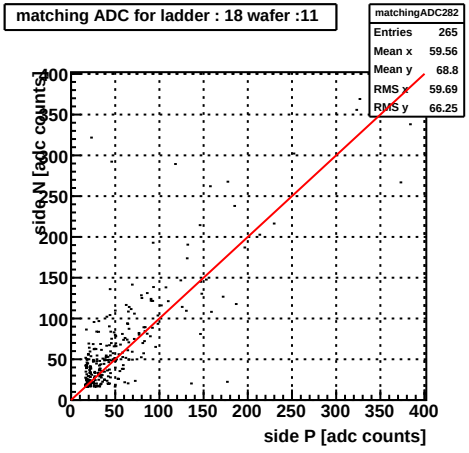

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 422
Mean x 81.27
Mean y 77.43
RMS x 67.71
RMS y 67.2
side N [adc counts]
side P [adc counts]

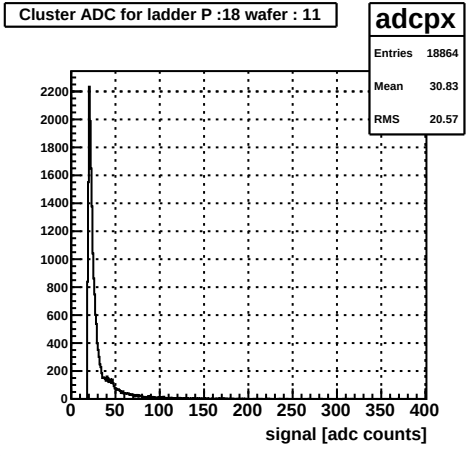

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4944
Mean 28.08
RMS 28.44
signal [adc counts]

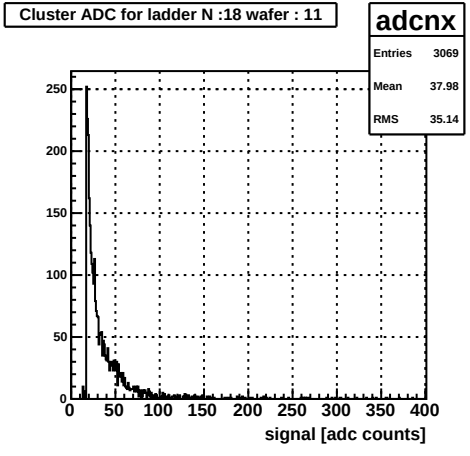

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1228
Mean 46.54
RMS 55.92
signal [adc counts]

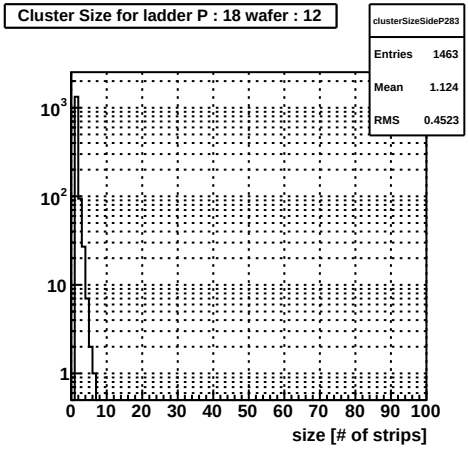

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 18864
Mean 1.121
RMS 0.4315
size [# of strips]

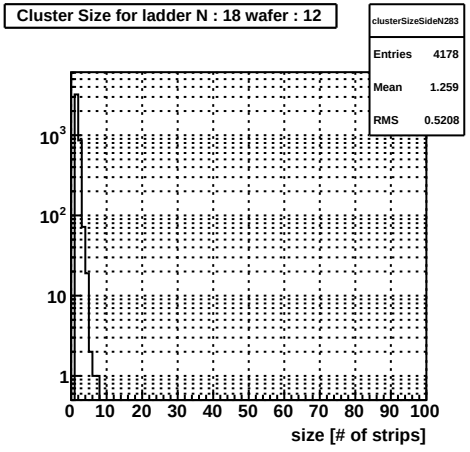

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3069
Mean 1.142
RMS 0.5443
size [# of strips]

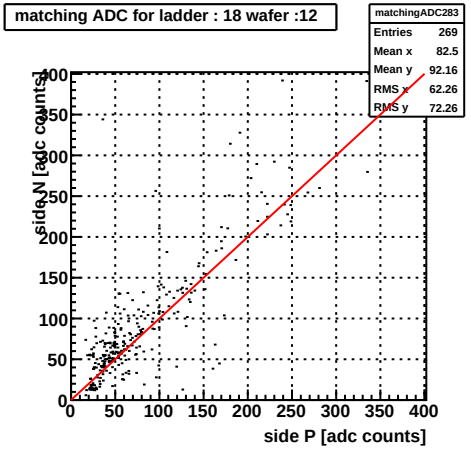

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 265
Mean x 59.56
Mean y 68.8
RMS x 59.69
RMS y 66.25
side N [adc counts]
side P [adc counts]

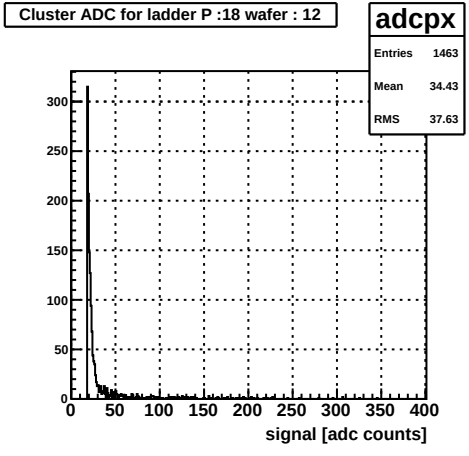

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 18864
Mean 30.83
RMS 20.57
signal [adc counts]

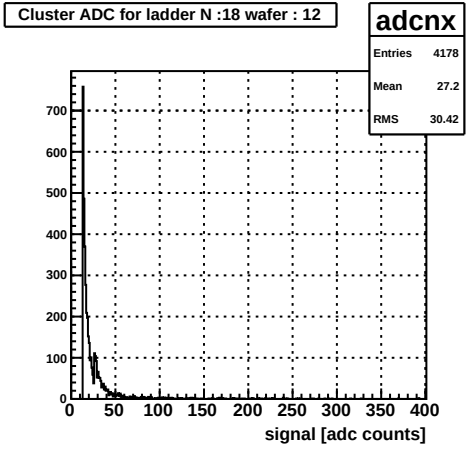

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3069
Mean 37.98
RMS 35.14
signal [adc counts]

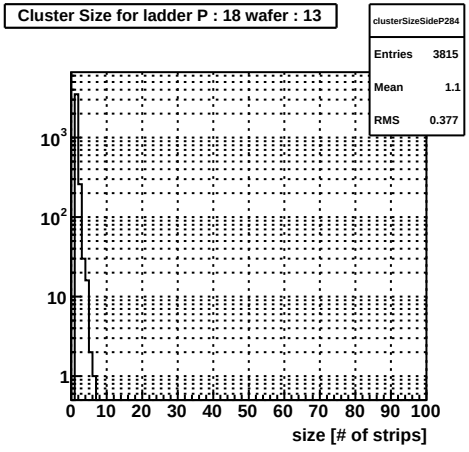

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1463
Mean 1.124
RMS 0.4523
size [# of strips]

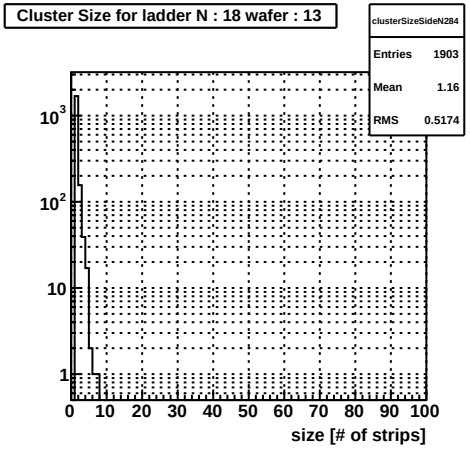

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4178
Mean 1.259
RMS 0.5208
size [# of strips]

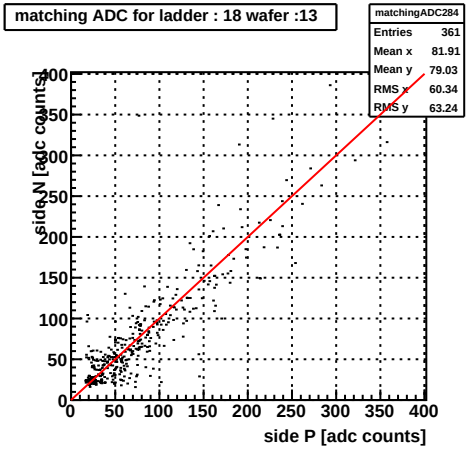

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 269
Mean x 82.5
Mean y 92.16
RMS x 62.26
RMS y 72.26
side N [adc counts]
side P [adc counts]

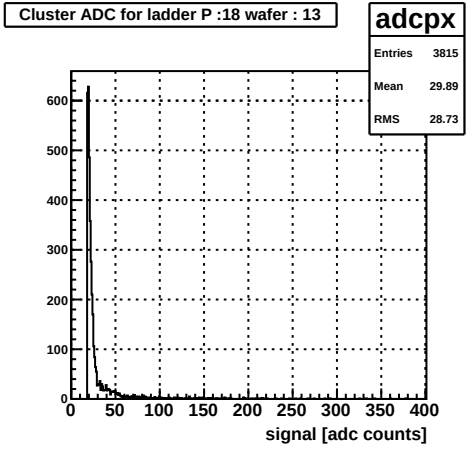

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1463
Mean 34.43
RMS 37.63
signal [adc counts]

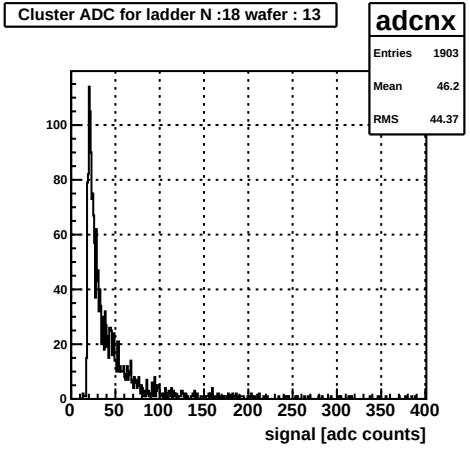

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4178
Mean 27.2
RMS 30.42
signal [adc counts]

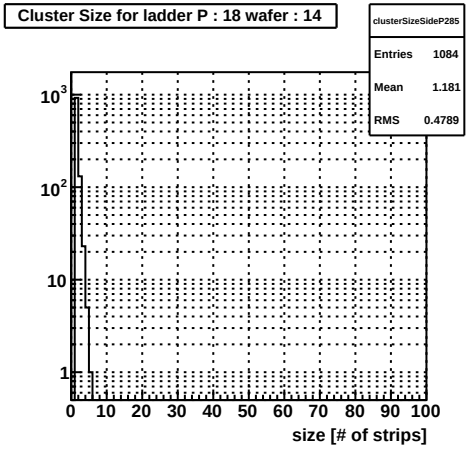

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3815
Mean 1.1
RMS 0.377
size [# of strips]

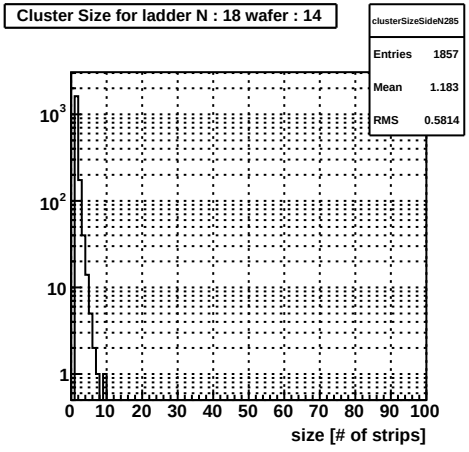

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1903
Mean 1.16
RMS 0.5174
size [# of strips]

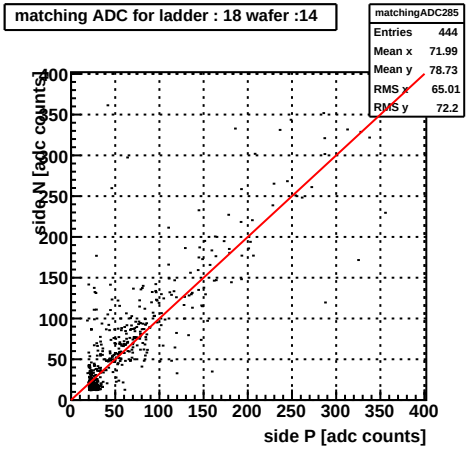

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 361
Mean x 81.91
Mean y 79.03
RMS x 60.34
RMS y 63.24
side N [adc counts]
side P [adc counts]

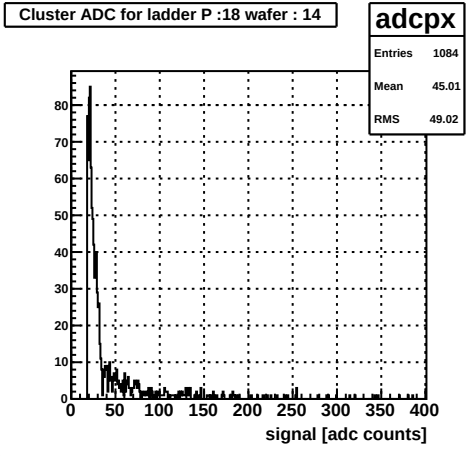

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3815
Mean 29.89
RMS 28.73
signal [adc counts]

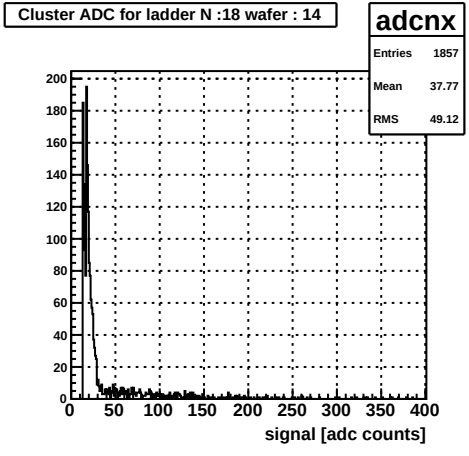

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1903
Mean 46.2
RMS 44.37
signal [adc counts]

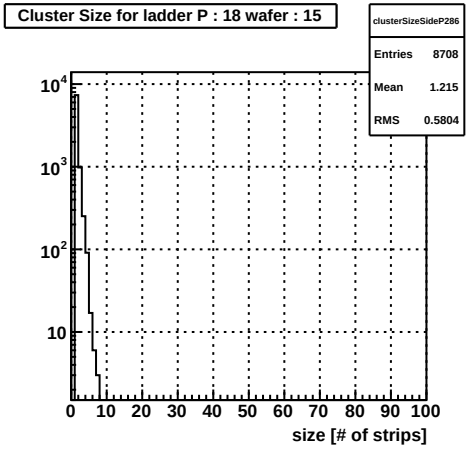

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1084
Mean 1.181
RMS 0.4789
size [# of strips]

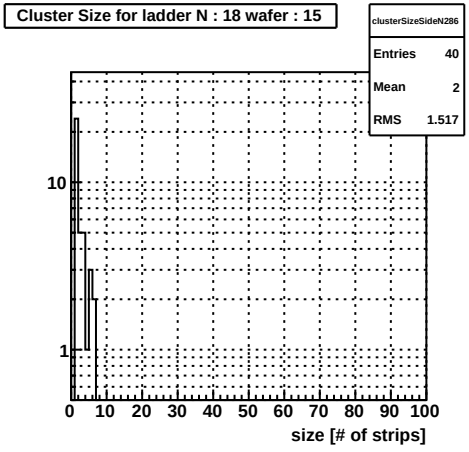

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1857
Mean 1.183
RMS 0.5814
size [# of strips]

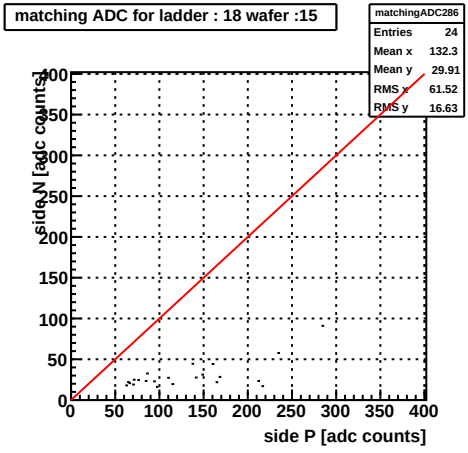

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 444
Mean x 71.99
Mean y 78.73
RMS x 65.01
RMS y 72.2
side N [adc counts]
side P [adc counts]

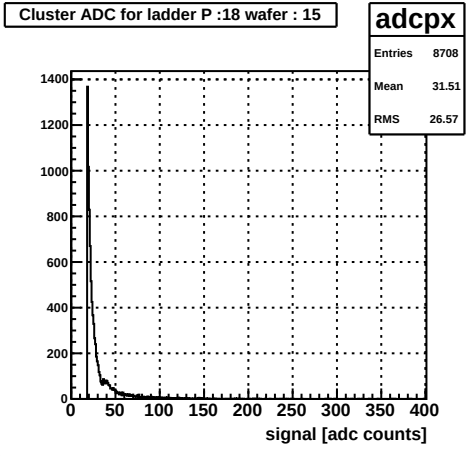

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1084
Mean 45.01
RMS 49.02
signal [adc counts]

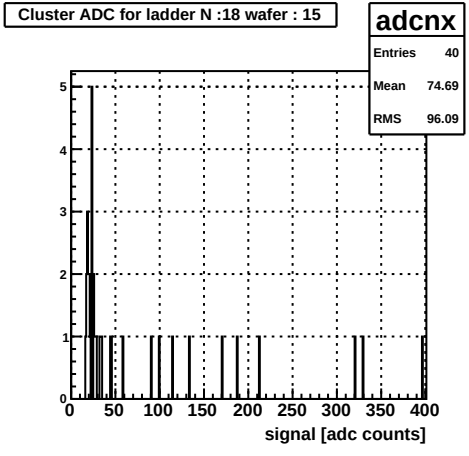

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1857
Mean 37.77
RMS 49.12
signal [adc counts]

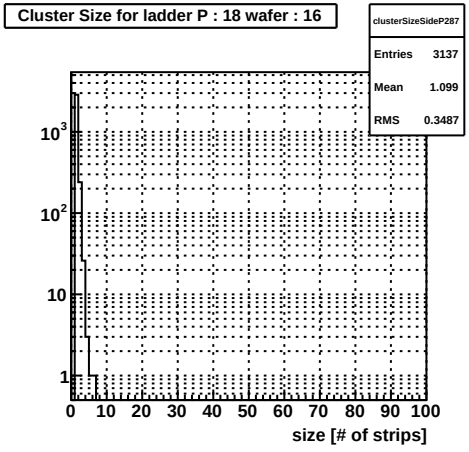

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8708
Mean 1.215
RMS 0.5804
size [# of strips]

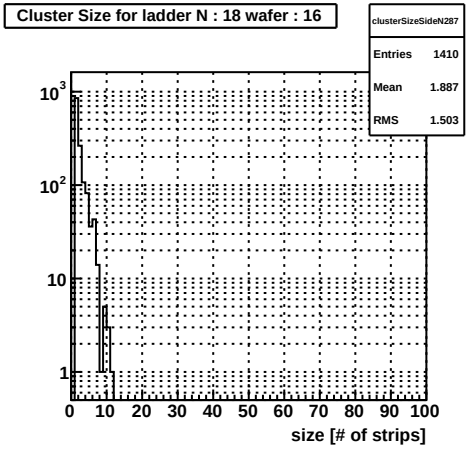

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 40
Mean 2
RMS 1.517
size [# of strips]

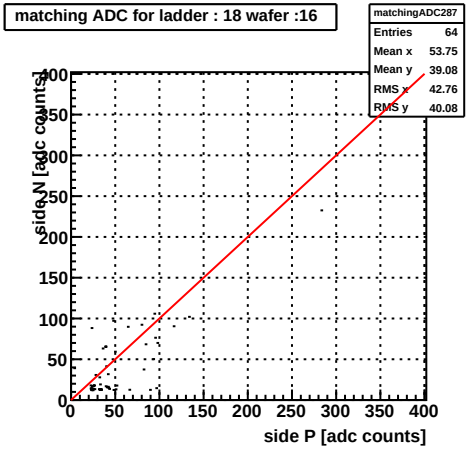

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 24
Mean x 132.3
Mean y 29.91
RMS x 61.52
RMS y 16.63
side N [adc counts]
side P [adc counts]

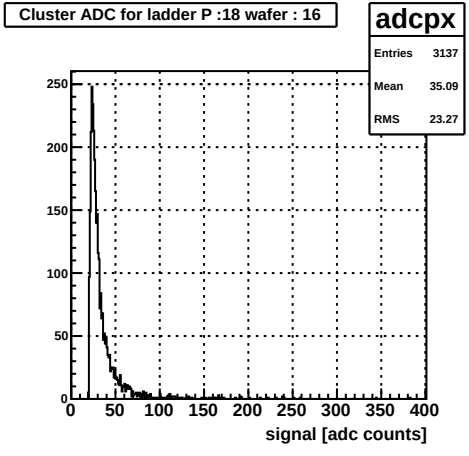

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8708
Mean 31.51
RMS 26.57
signal [adc counts]

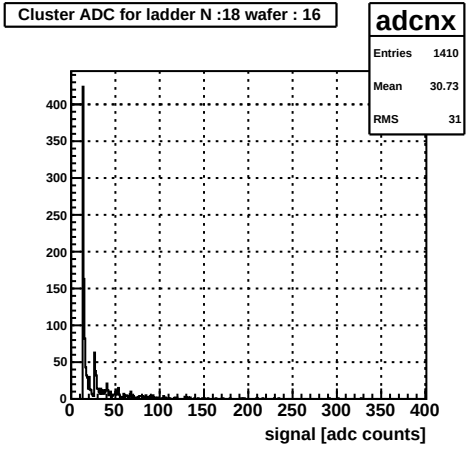

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 40
Mean 74.69
RMS 96.09
signal [adc counts]

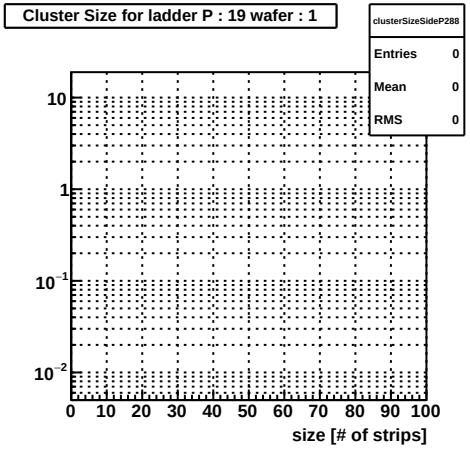

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3137
Mean 1.099
RMS 0.3487
size [# of strips]

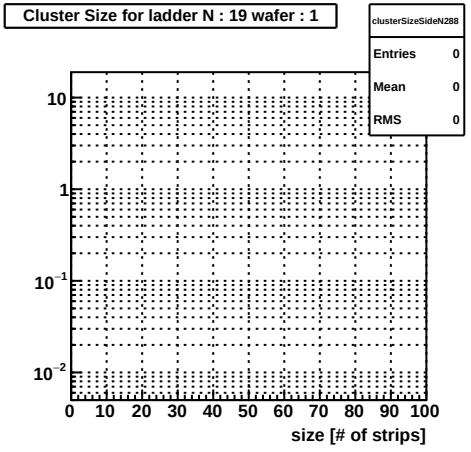

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1410
Mean 1.887
RMS 1.503
size [# of strips]

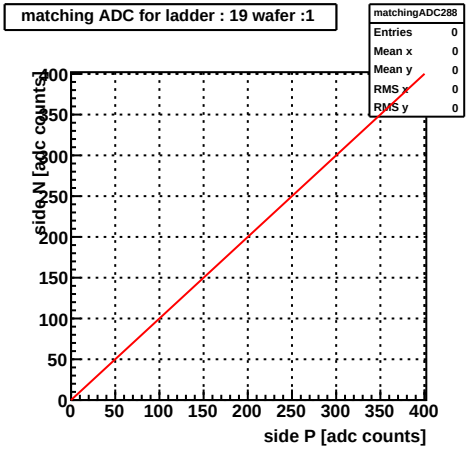

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 64
Mean x 53.75
Mean y 39.08
RMS x 42.76
RMS y 40.08
side N [adc counts]
side P [adc counts]

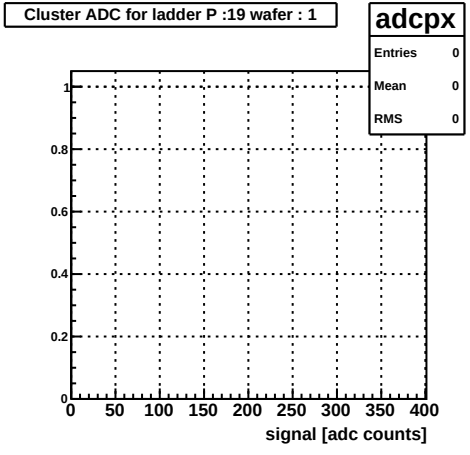

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3137
Mean 35.09
RMS 23.27
signal [adc counts]

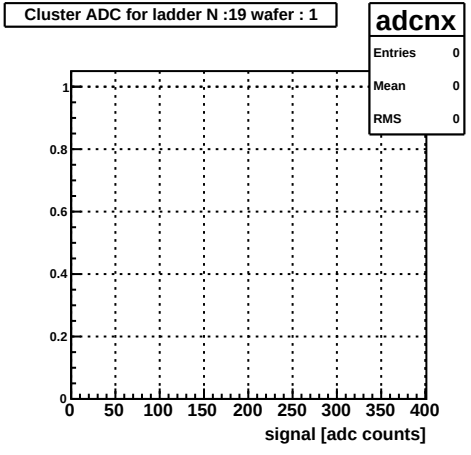

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1410
Mean 30.73
RMS 31
signal [adc counts]

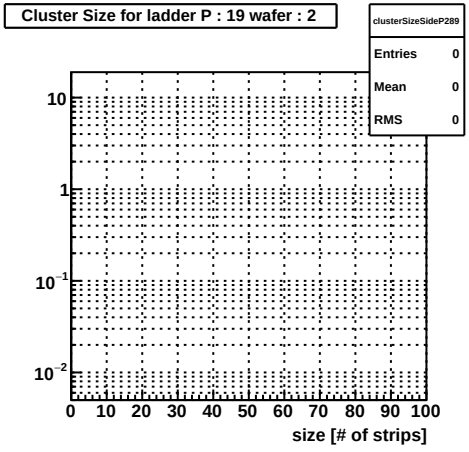

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

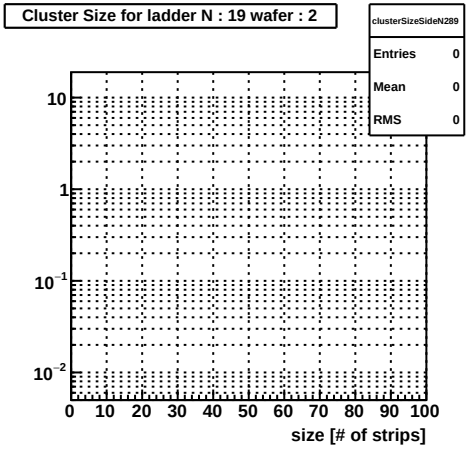

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

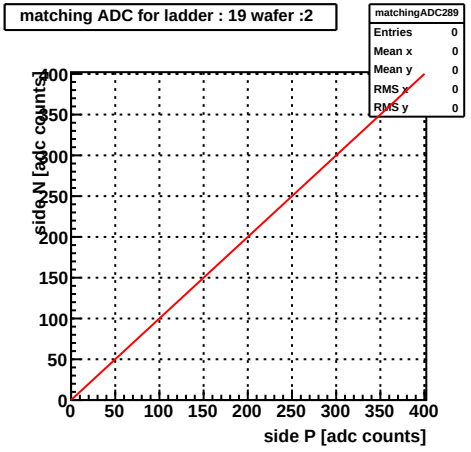

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

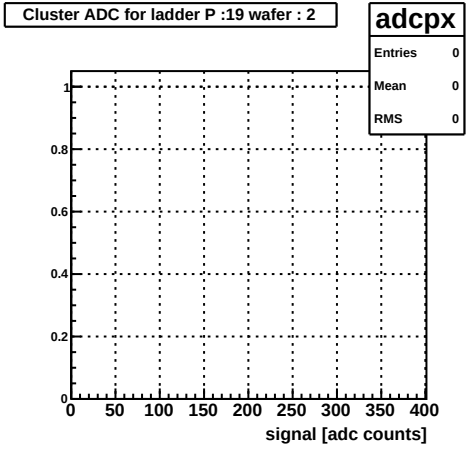

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

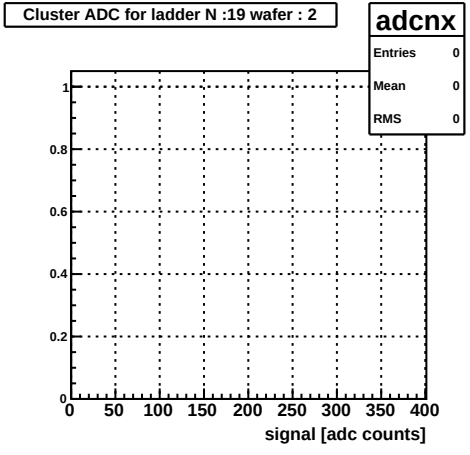

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

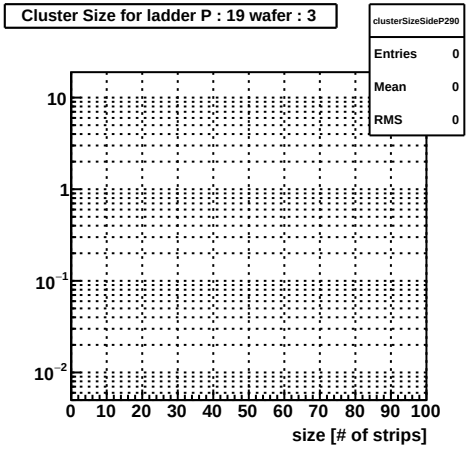

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

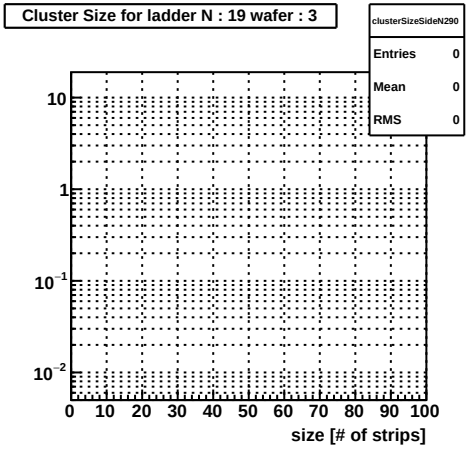

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

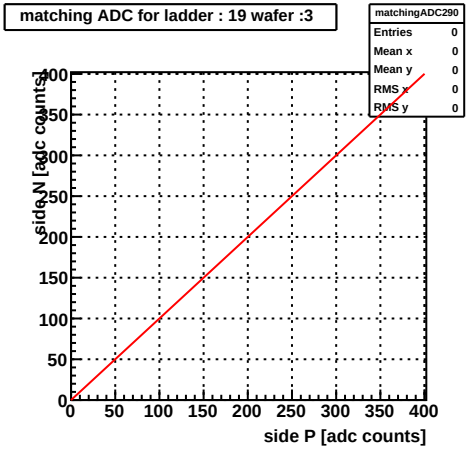

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

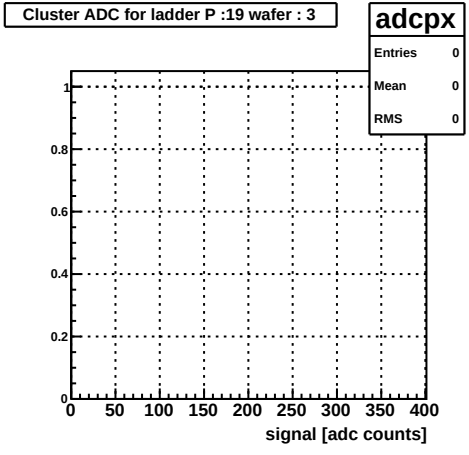

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

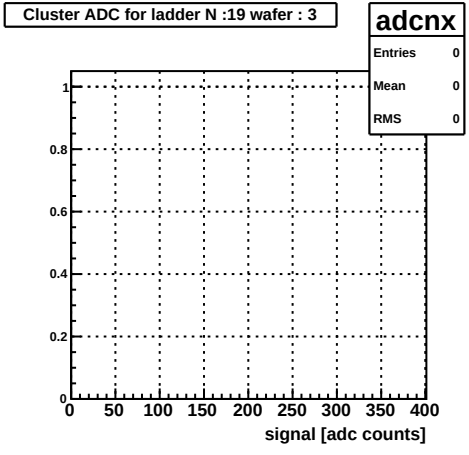

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

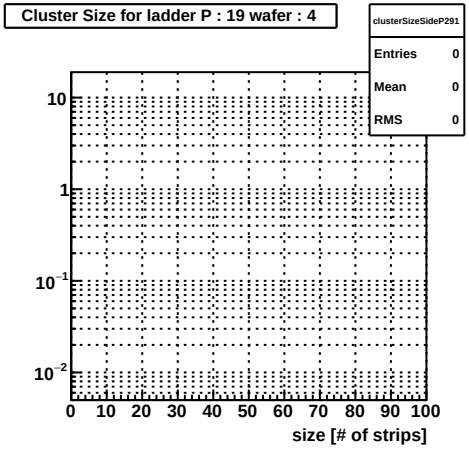

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

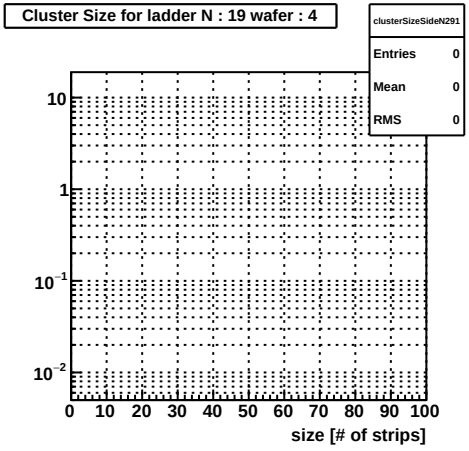

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

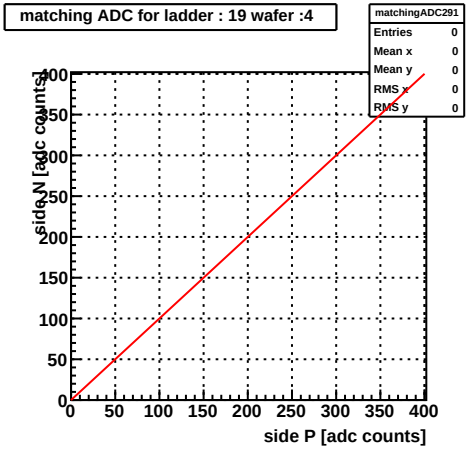

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

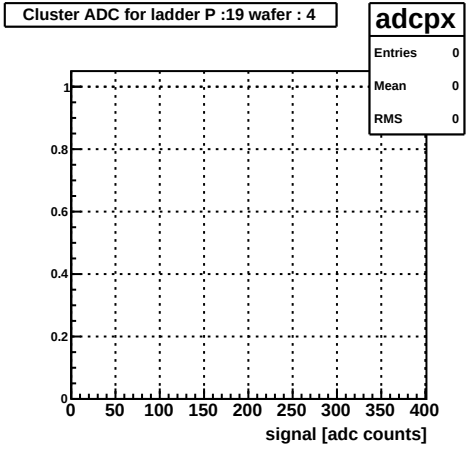

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

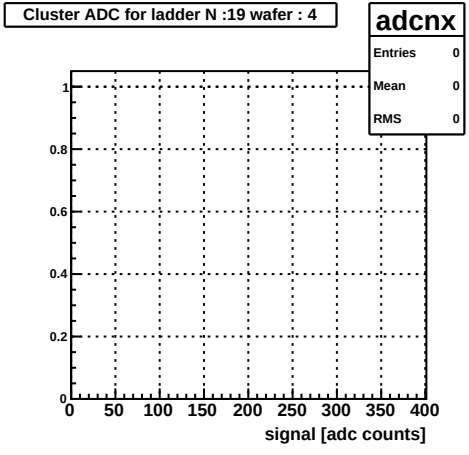

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

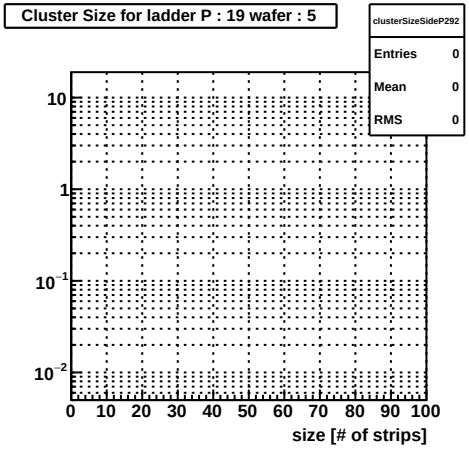

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

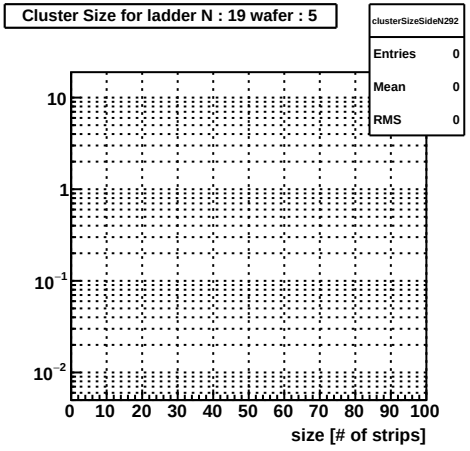

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

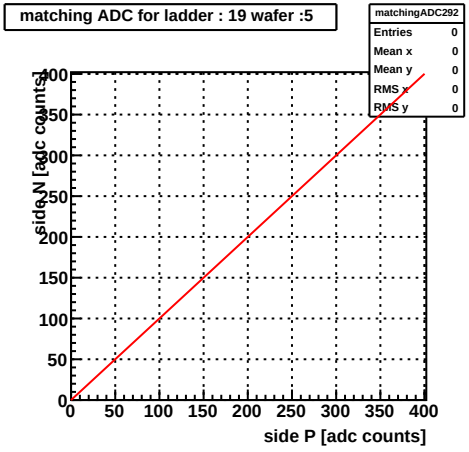

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

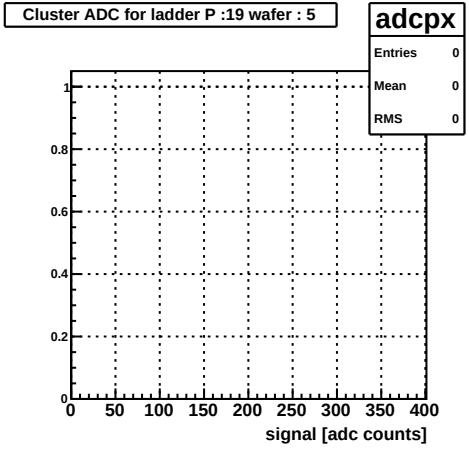

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

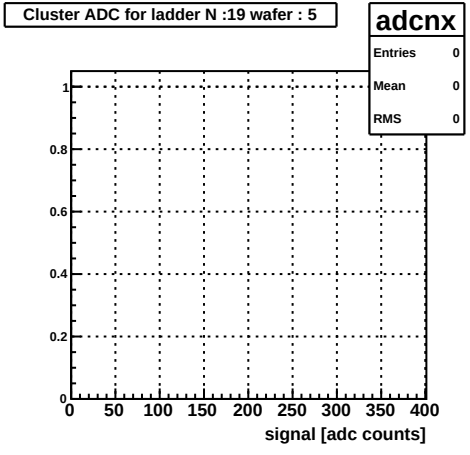

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

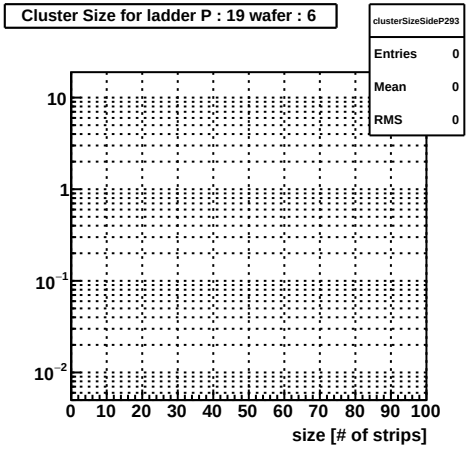

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

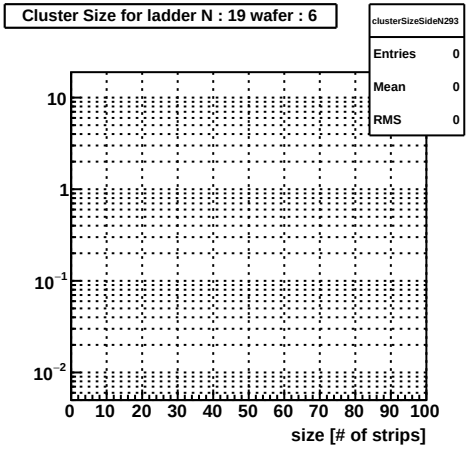

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

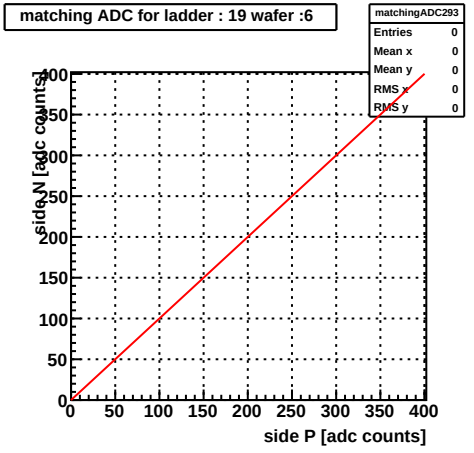

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

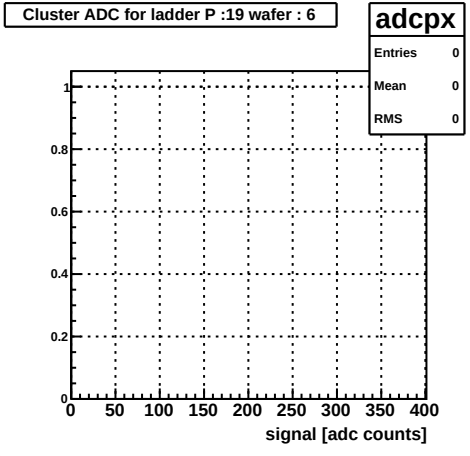

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

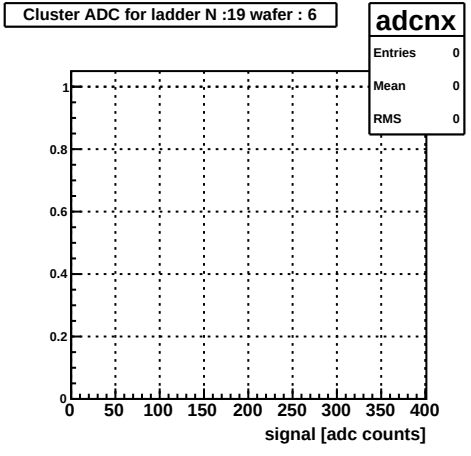

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

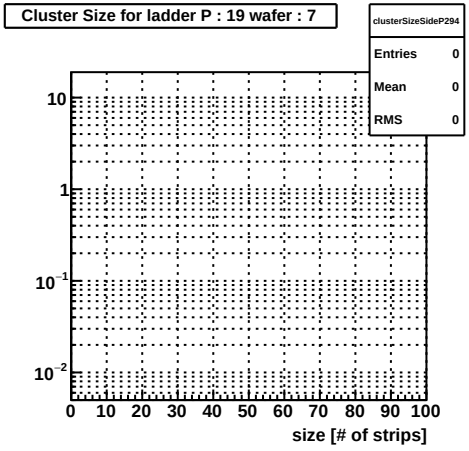

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

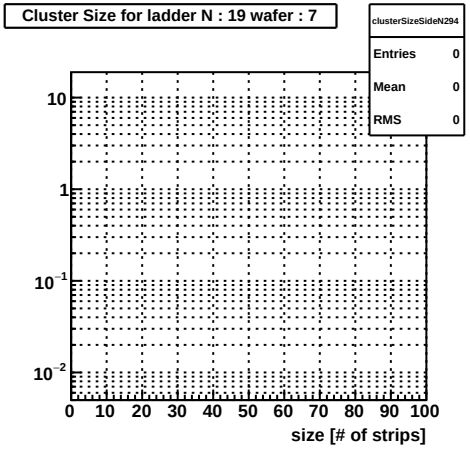

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

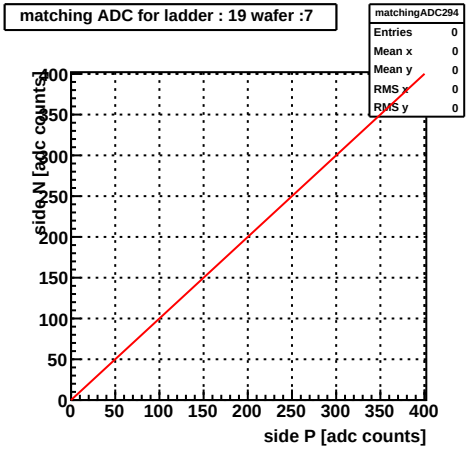

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

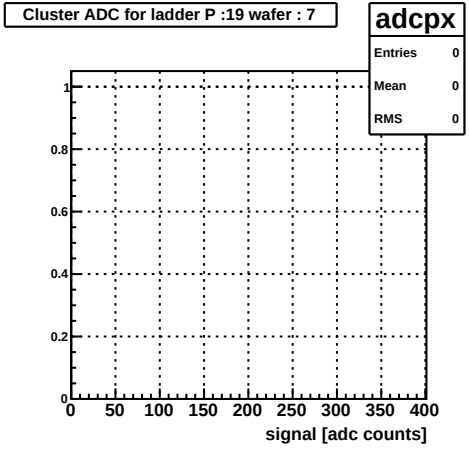

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

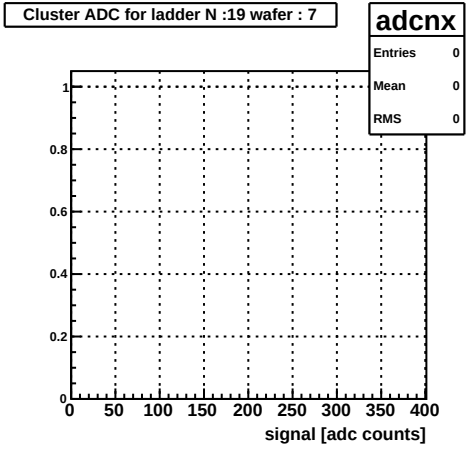

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

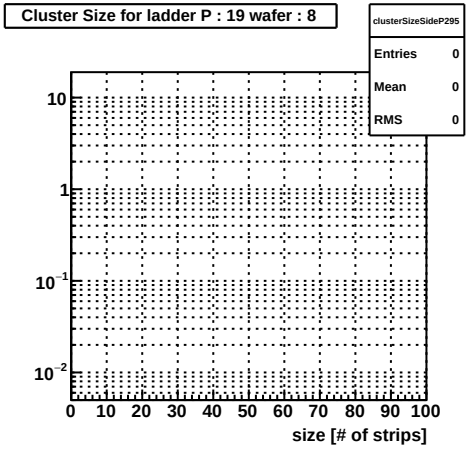

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

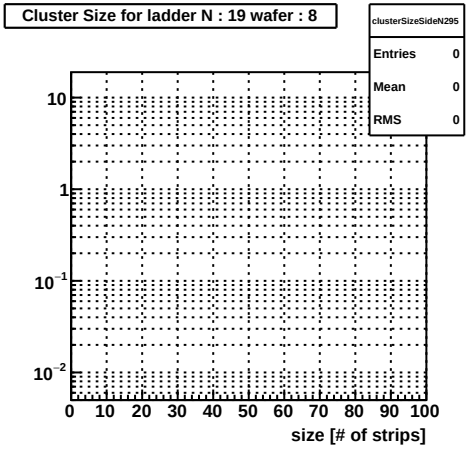

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

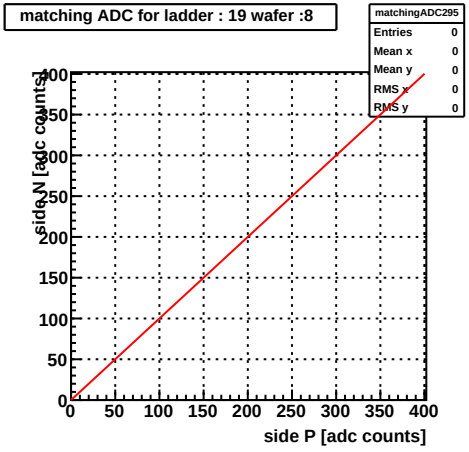

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

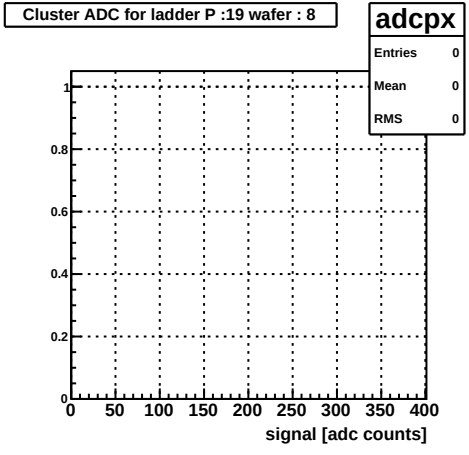

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

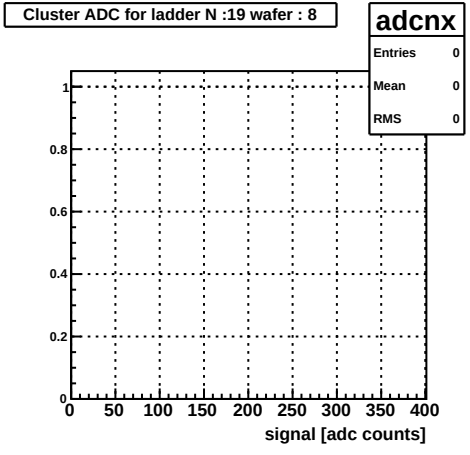

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

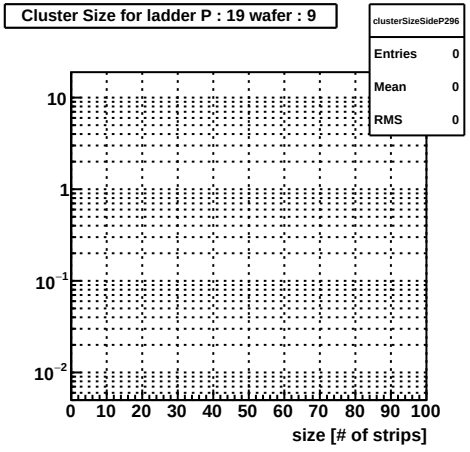

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

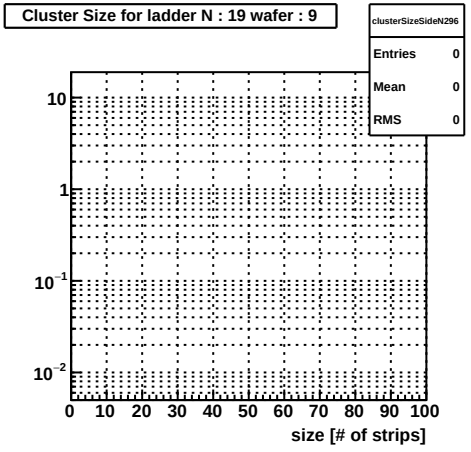

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

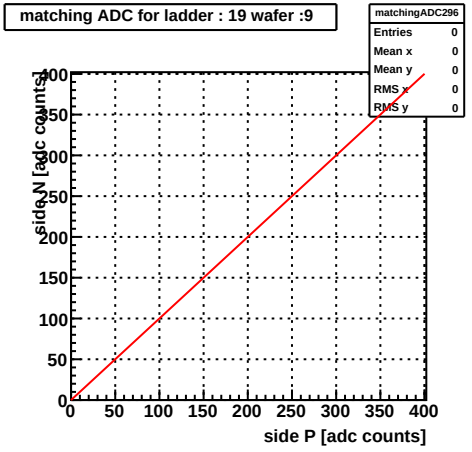

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

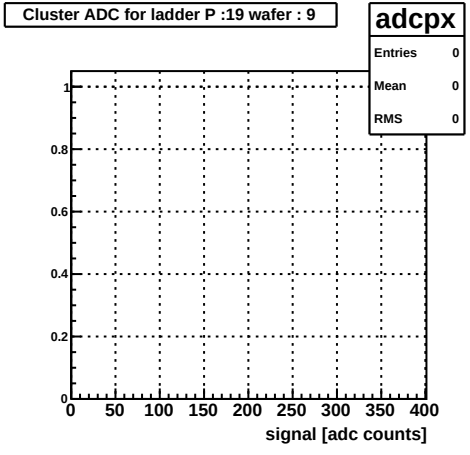

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

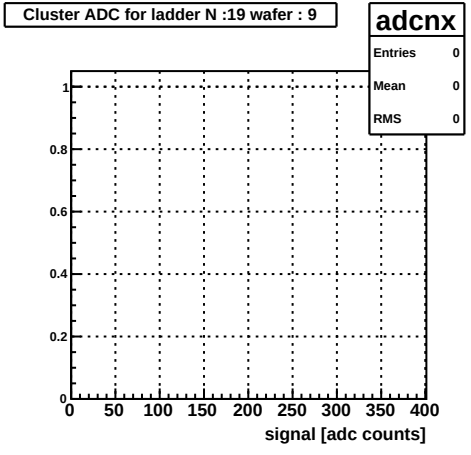

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

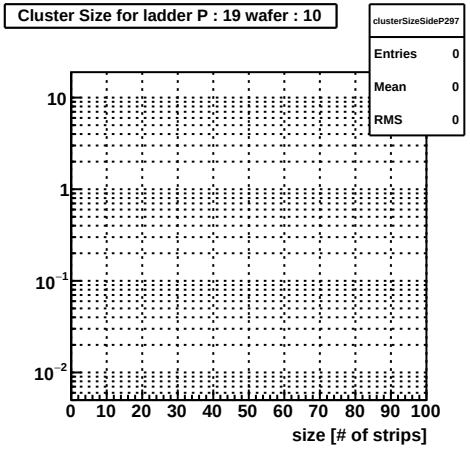

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

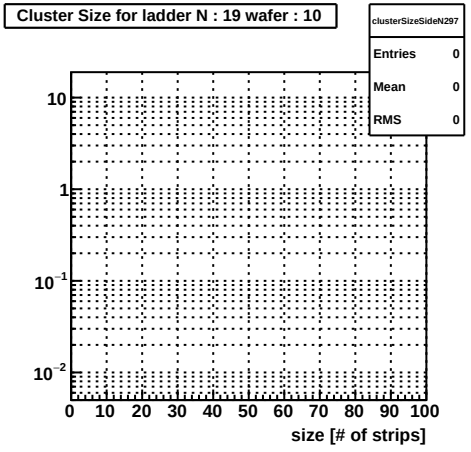

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

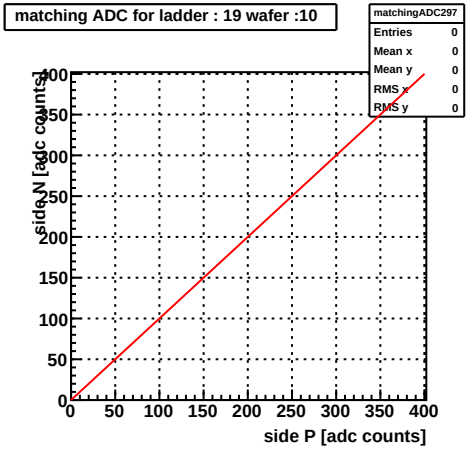

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

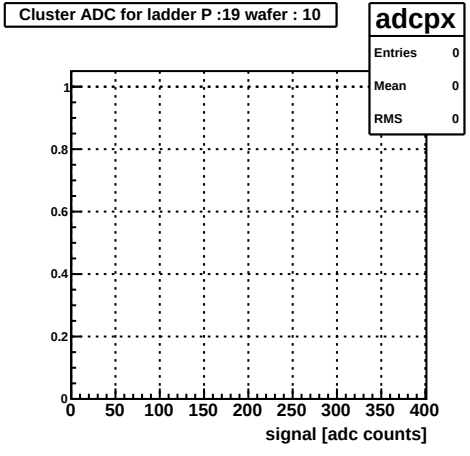

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

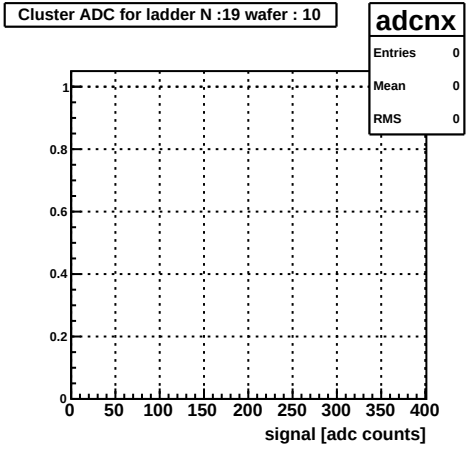

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

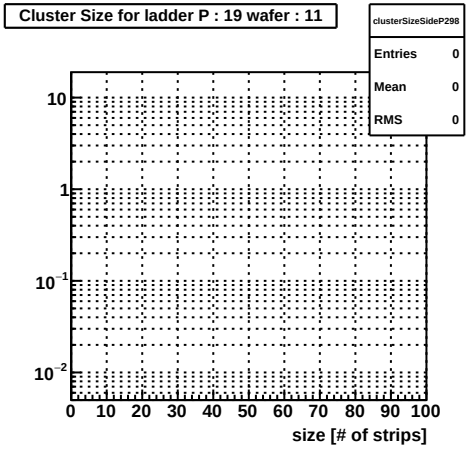

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

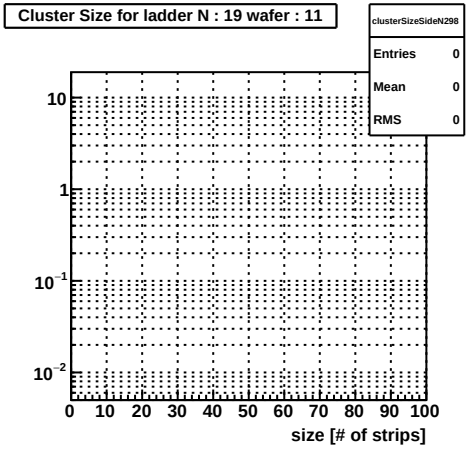

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

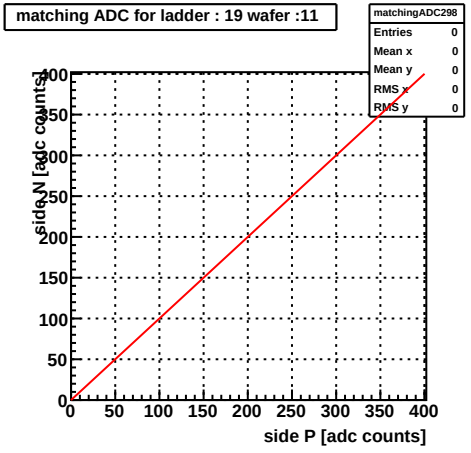

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

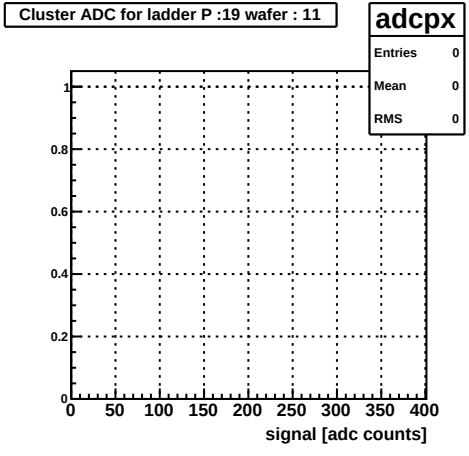

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

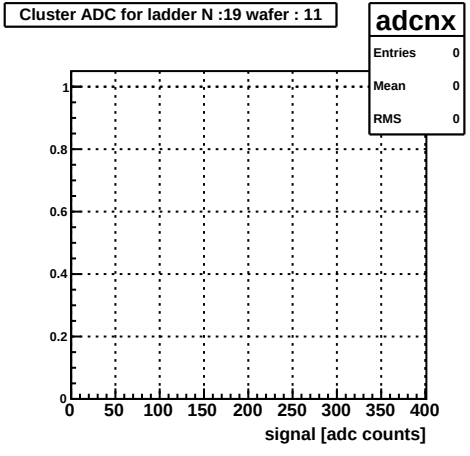

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

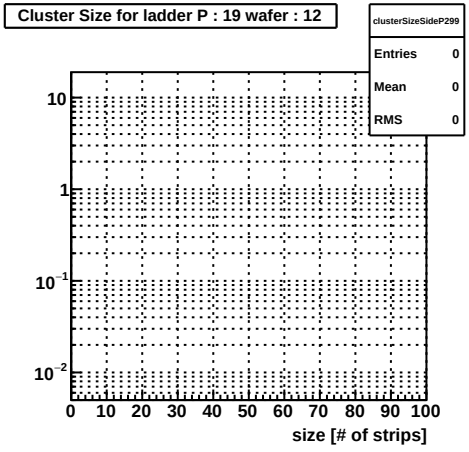

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

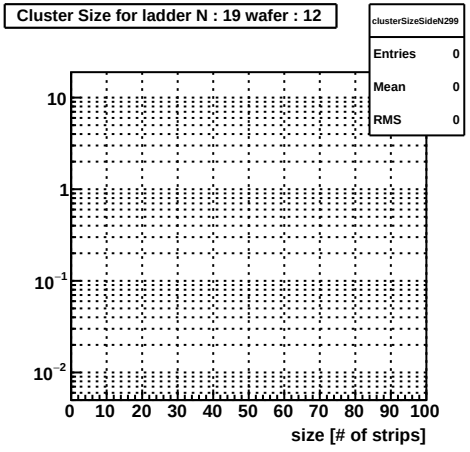

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

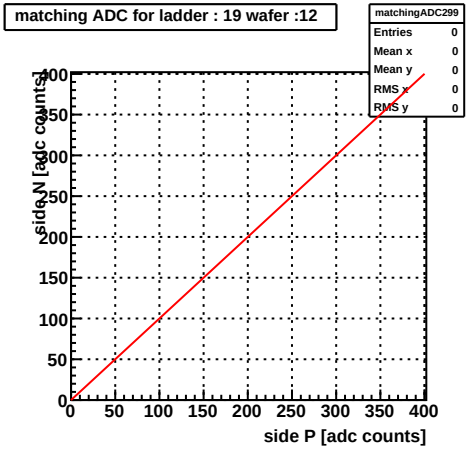

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

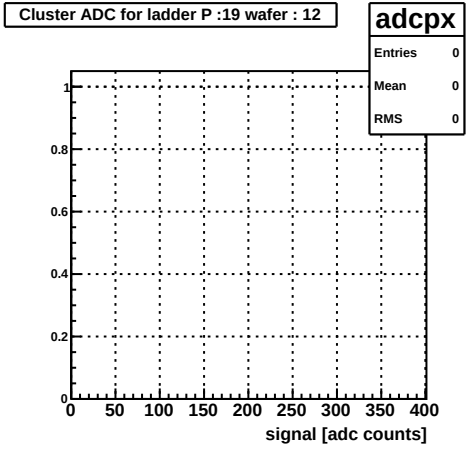

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

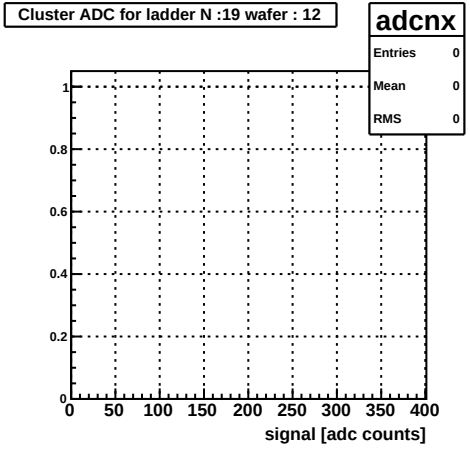

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

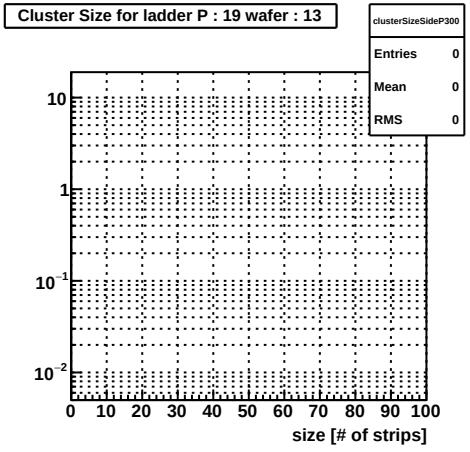

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

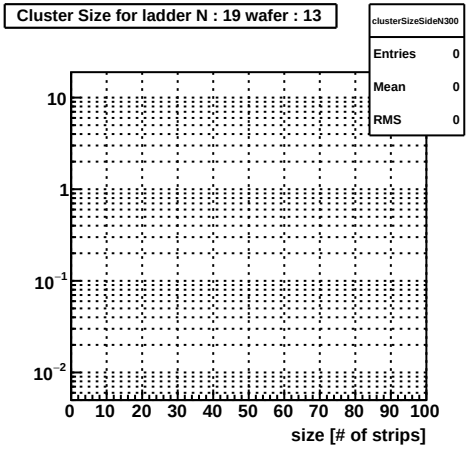

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

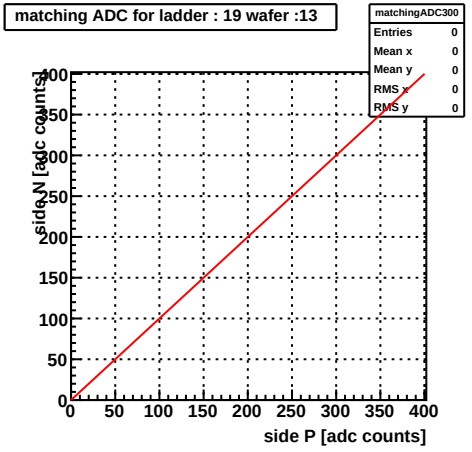

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

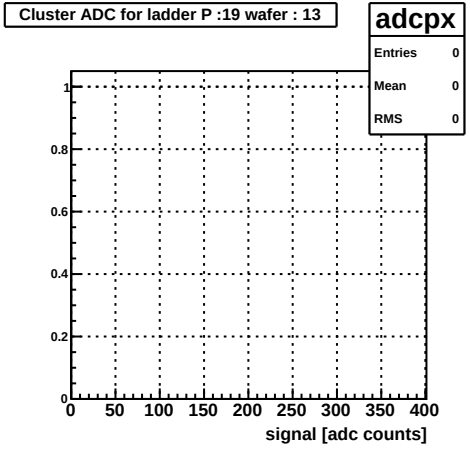

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

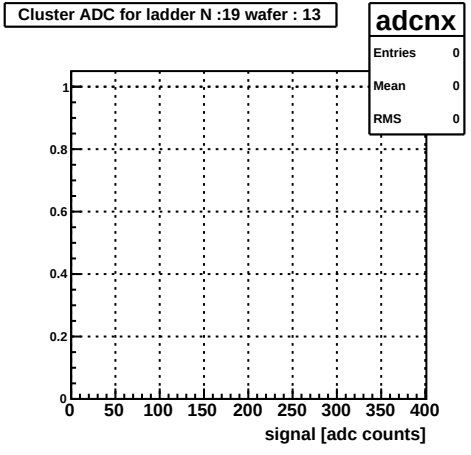

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

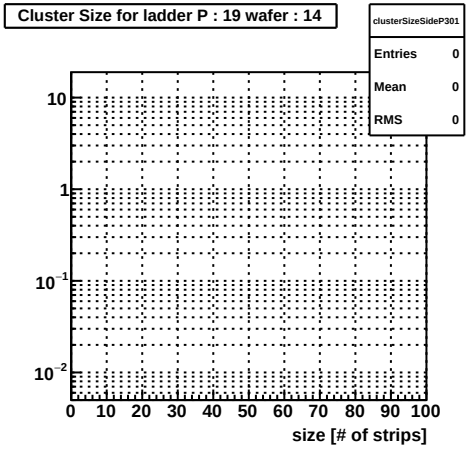

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

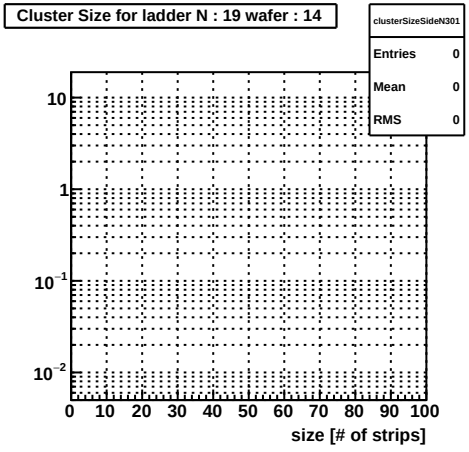

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

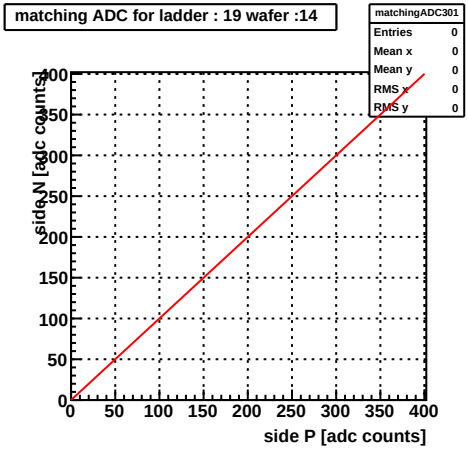

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

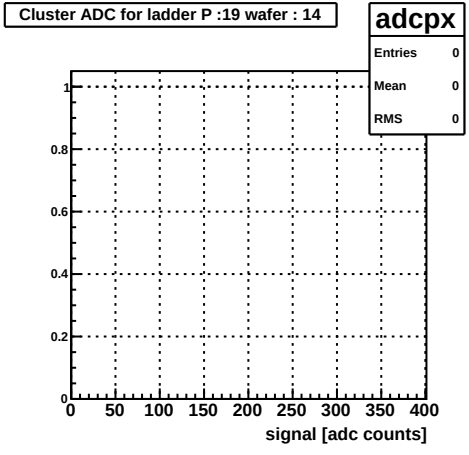

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

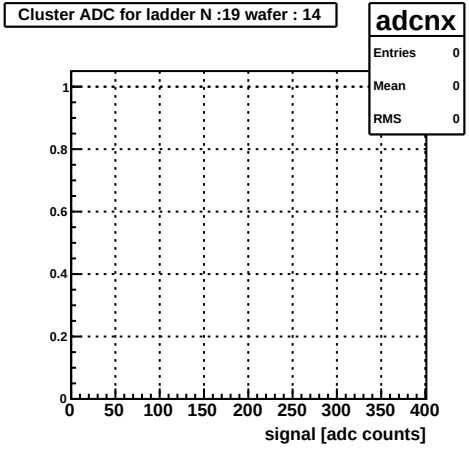

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

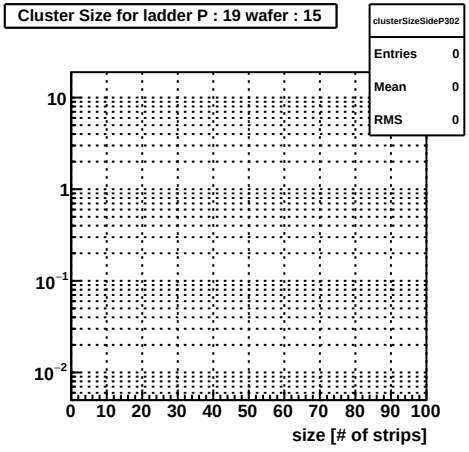

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

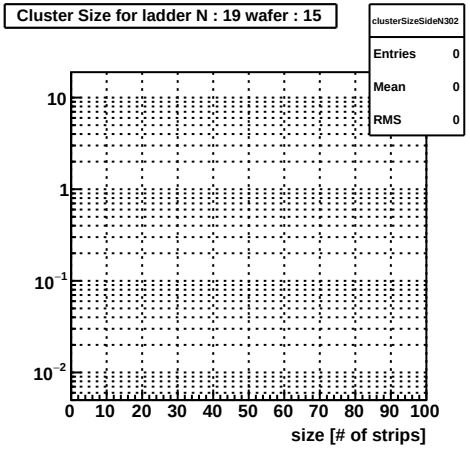

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

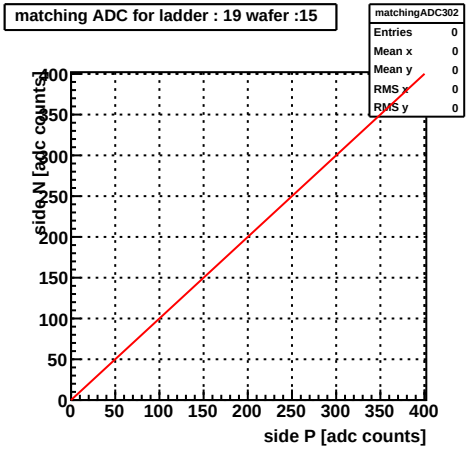

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

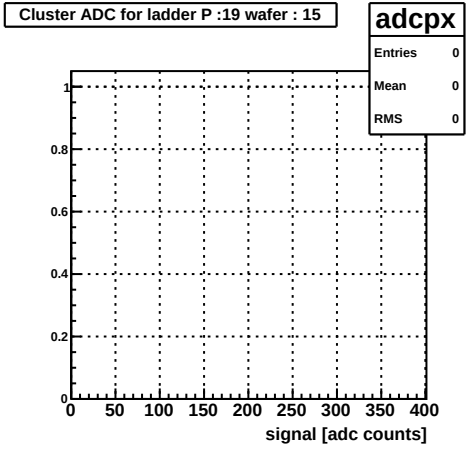

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

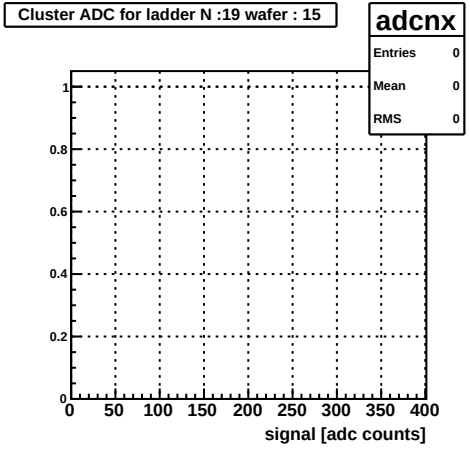

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

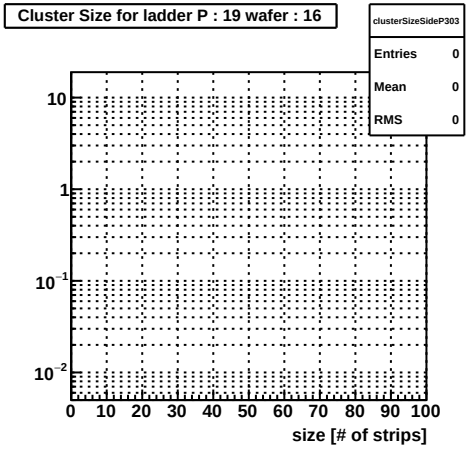

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

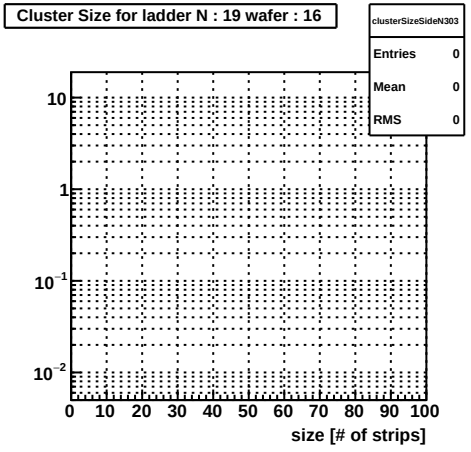

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

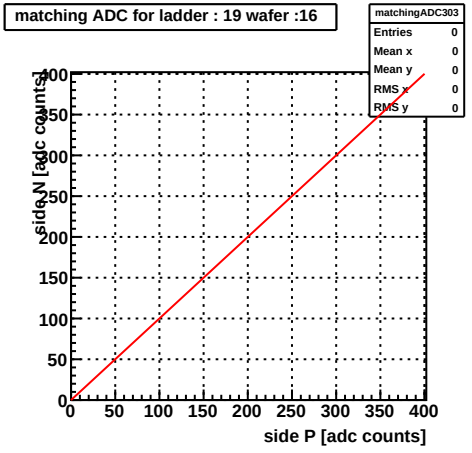

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

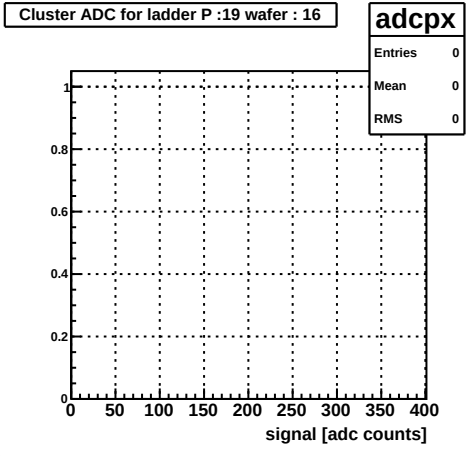

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

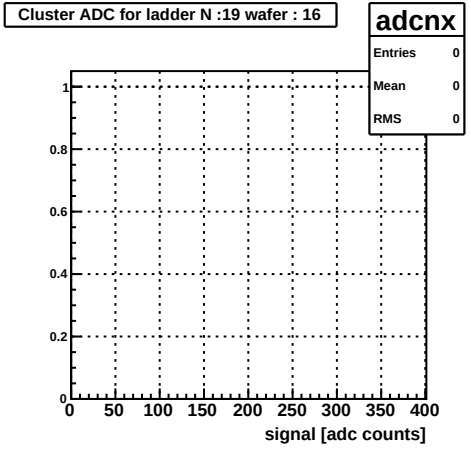

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

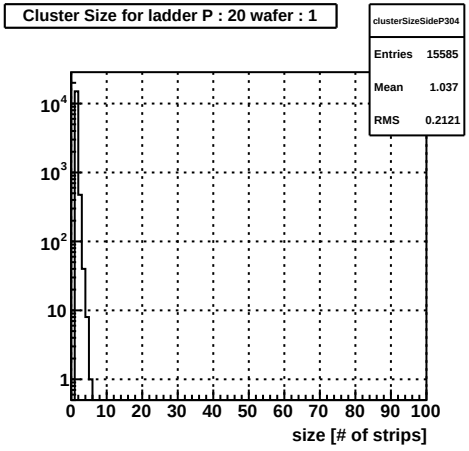

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

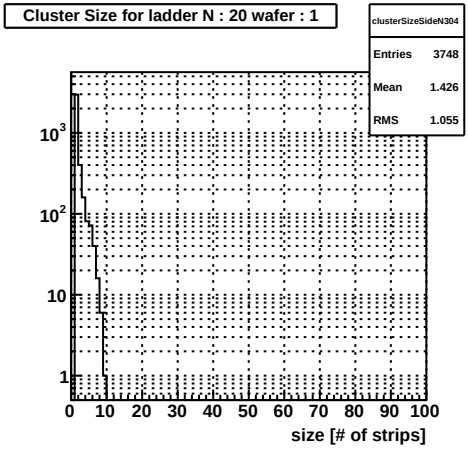

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

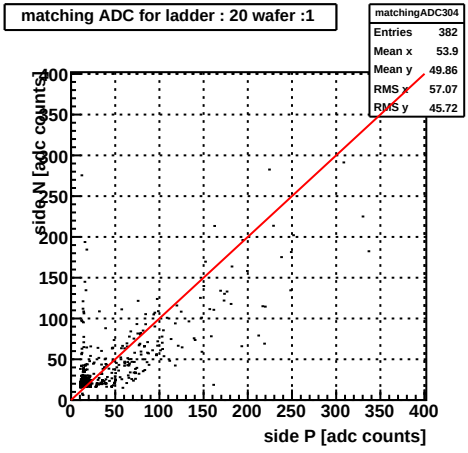

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

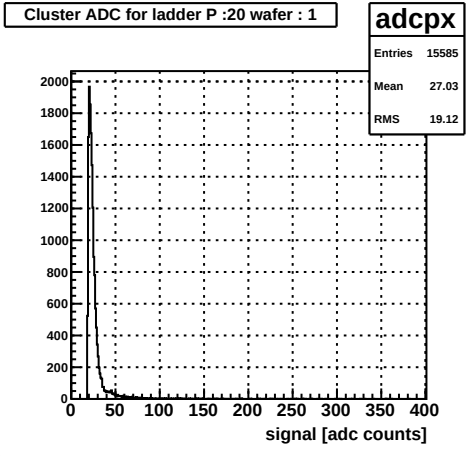

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

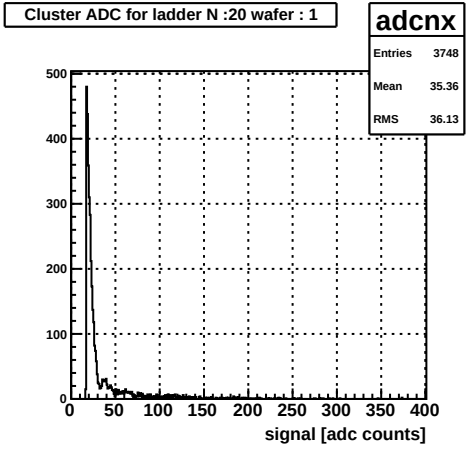

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

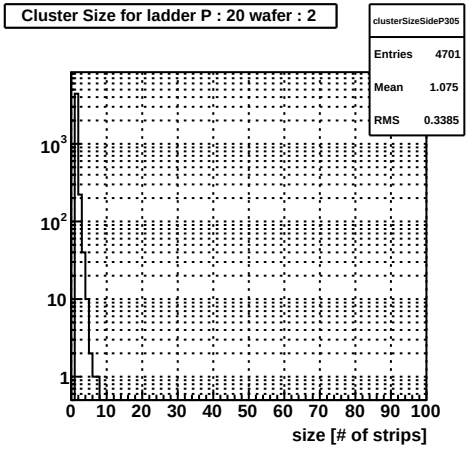

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 15585
Mean 1.037
RMS 0.2121
size [# of strips]

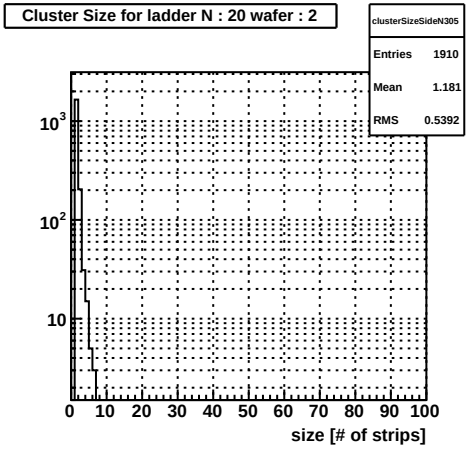

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3748
Mean 1.426
RMS 1.055
size [# of strips]

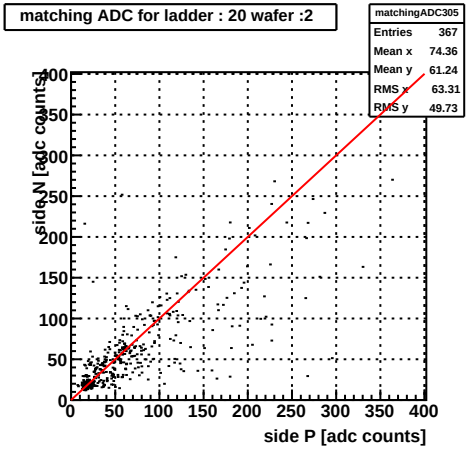

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 382
Mean x 53.9
Mean y 49.86
RMS x 57.07
RMS y 45.72
side N [adc counts]
side P [adc counts]

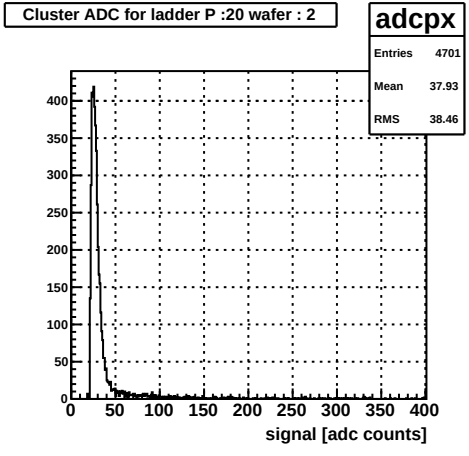

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 15585
Mean 27.03
RMS 19.12
signal [adc counts]

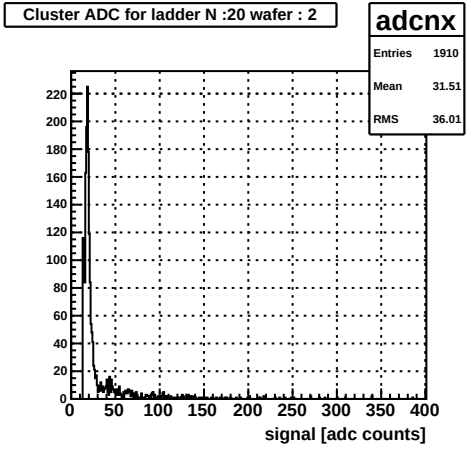

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3748
Mean 35.36
RMS 36.13
signal [adc counts]

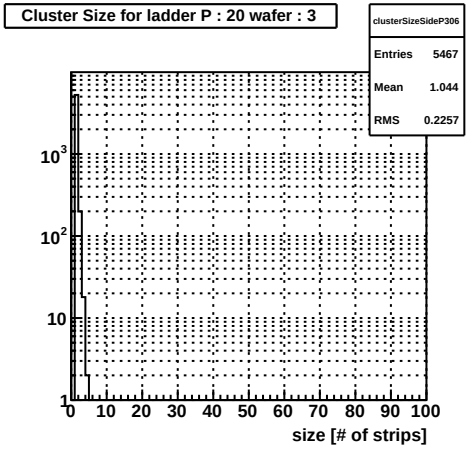

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4701
Mean 1.075
RMS 0.3385
size [# of strips]

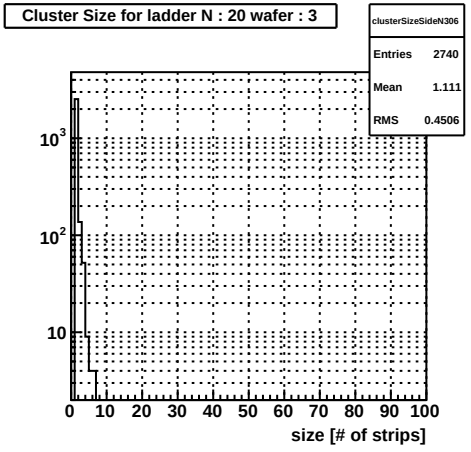

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1910
Mean 1.181
RMS 0.5392
size [# of strips]

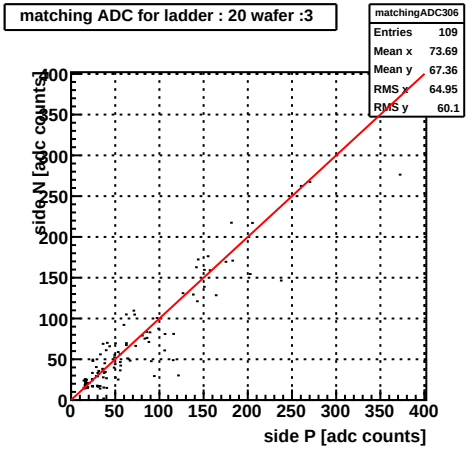

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 367
Mean x 74.36
Mean y 61.24
RMS x 63.31
RMS y 49.73
side N [adc counts]
side P [adc counts]

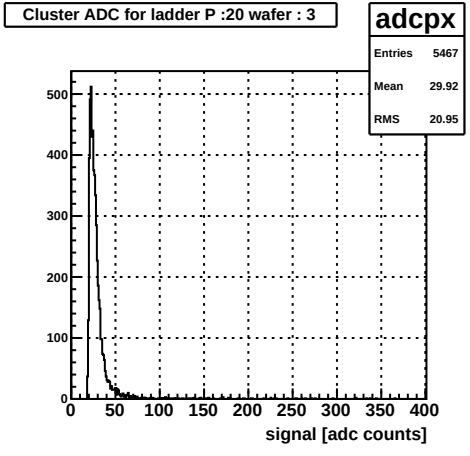

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4701
Mean 37.93
RMS 38.46
signal [adc counts]

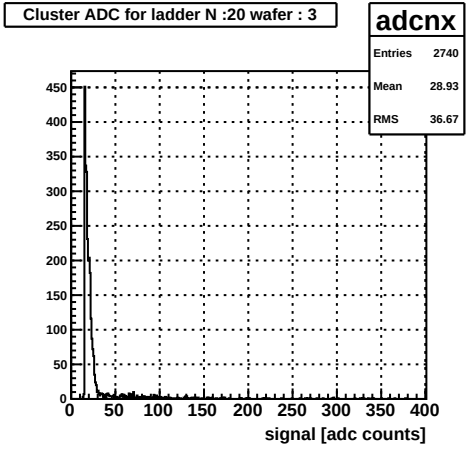

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1910
Mean 31.51
RMS 36.01
signal [adc counts]

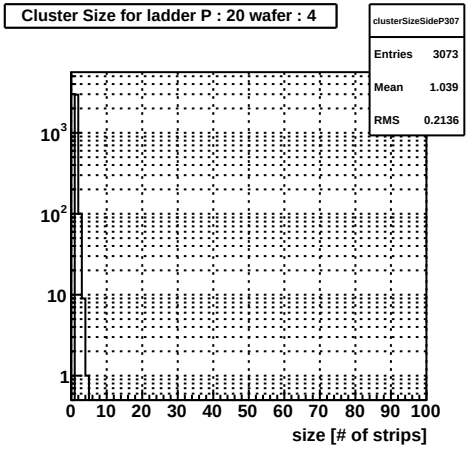

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5467
Mean 1.044
RMS 0.2257
size [# of strips]

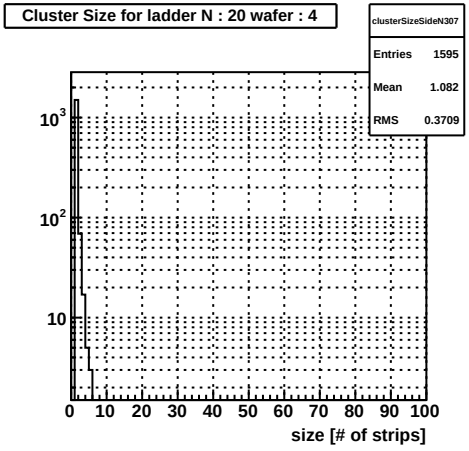

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2740
Mean 1.111
RMS 0.4506
size [# of strips]

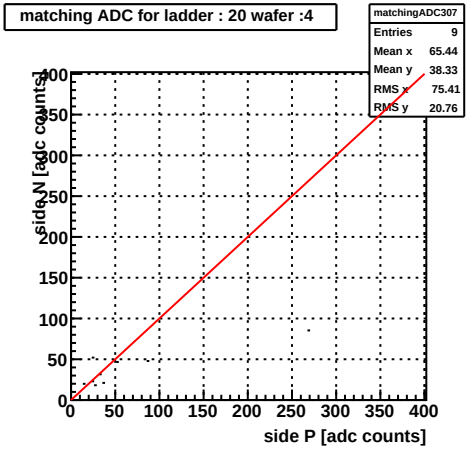

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 109
Mean x 73.69
Mean y 67.36
RMS x 64.95
RMS y 60.1
side N [adc counts]
side P [adc counts]

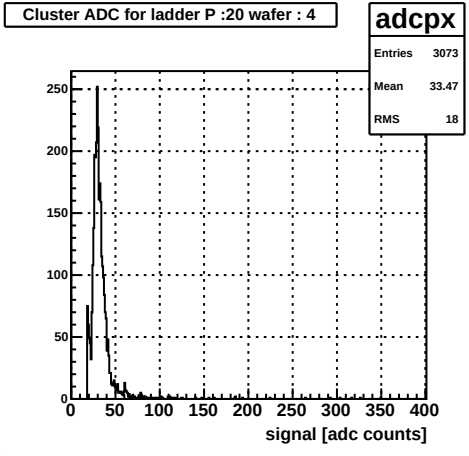

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5467
Mean 29.92
RMS 20.95
signal [adc counts]

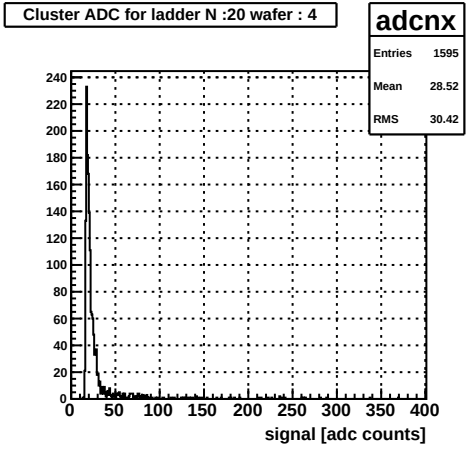

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2740
Mean 28.93
RMS 36.67
signal [adc counts]

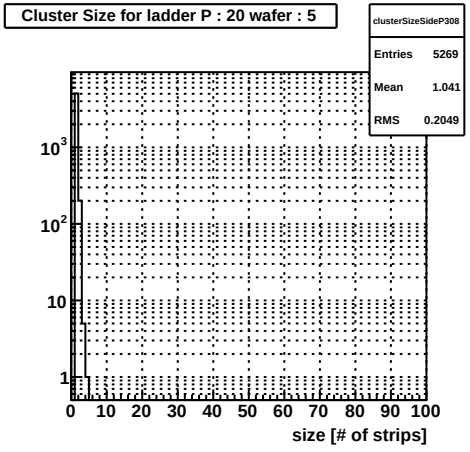

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3073
Mean 1.039
RMS 0.2136
size [# of strips]

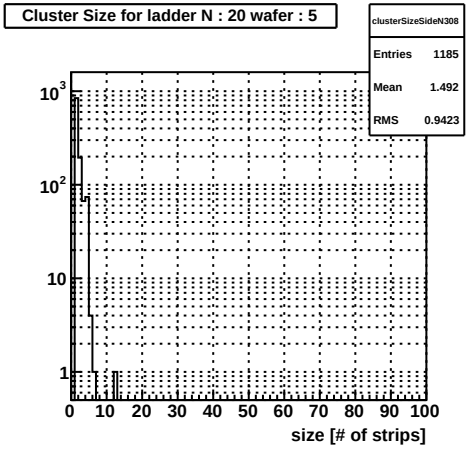

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1595
Mean 1.082
RMS 0.3709
size [# of strips]

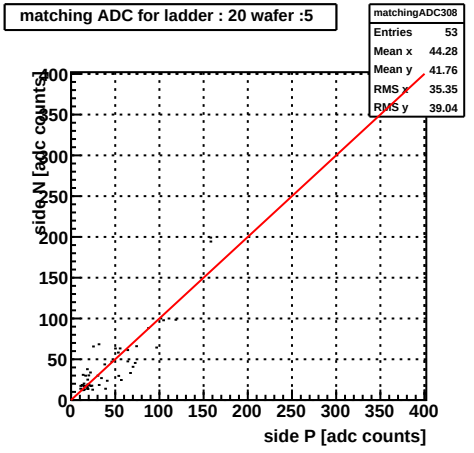

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 9
Mean x 65.44
Mean y 38.33
RMS x 75.41
RMS y 20.76
side N [adc counts]
side P [adc counts]

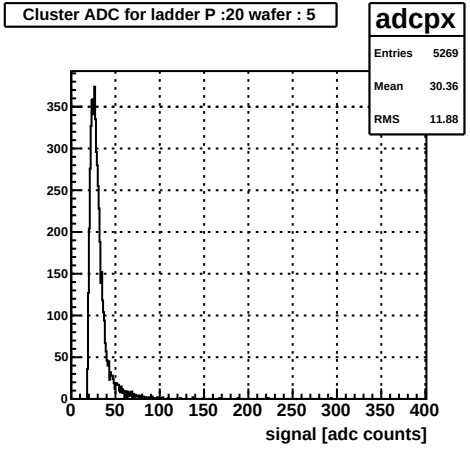

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3073
Mean 33.47
RMS 18
signal [adc counts]

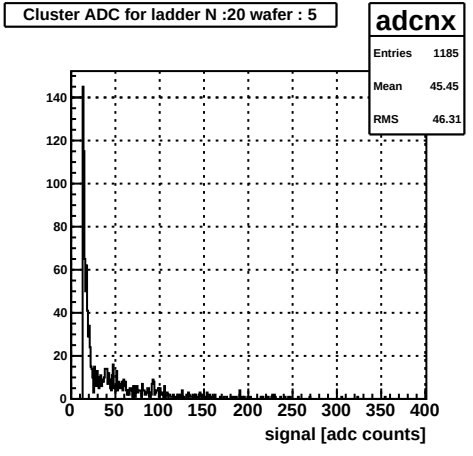

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1595
Mean 28.52
RMS 30.42
signal [adc counts]

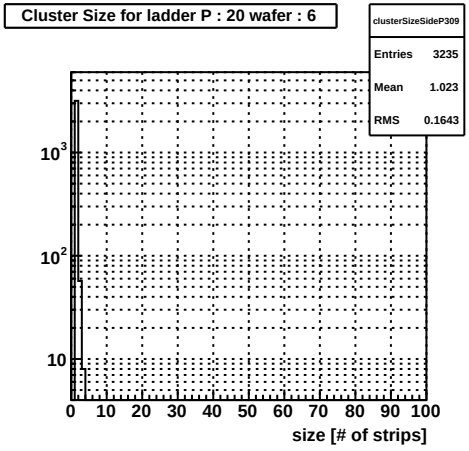

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 5269
Mean 1.041
RMS 0.2049
size [# of strips]

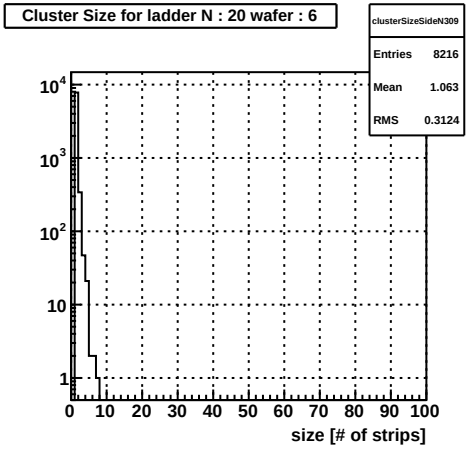

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1185
Mean 1.492
RMS 0.9423
size [# of strips]

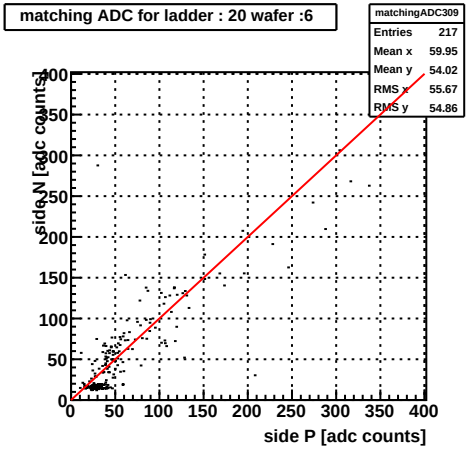

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 53
Mean x 44.28
Mean y 41.76
RMS x 35.35
RMS y 39.04
side N [adc counts]
side P [adc counts]

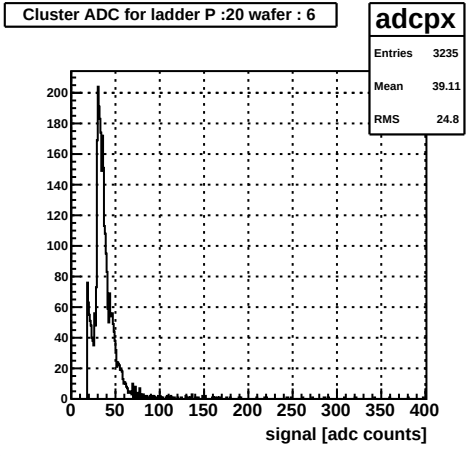

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 5269
Mean 30.36
RMS 11.88
signal [adc counts]

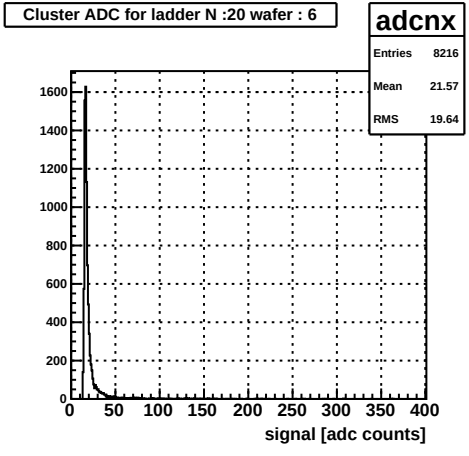

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1185
Mean 45.45
RMS 46.31
signal [adc counts]

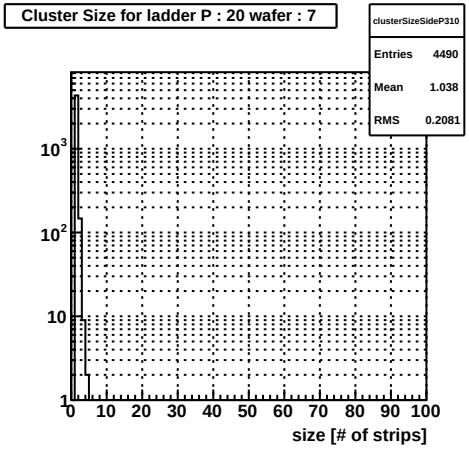

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3235
Mean 1.023
RMS 0.1643
size [# of strips]

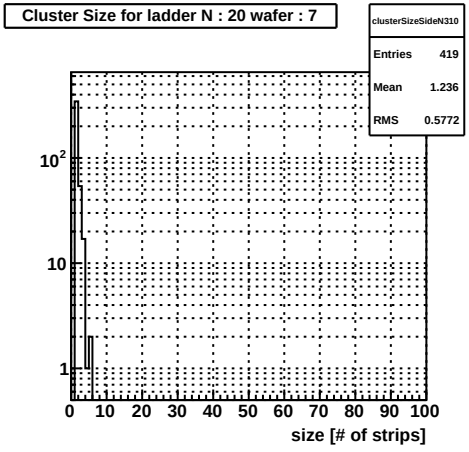

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 8216
Mean 1.063
RMS 0.3124
size [# of strips]

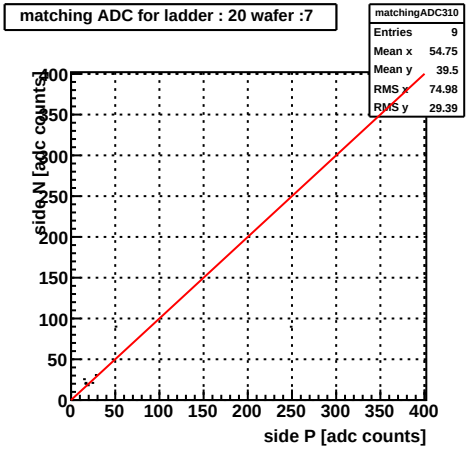

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 217
Mean x 59.95
Mean y 54.02
RMS x 55.67
RMS y 54.86
side N [adc counts]
side P [adc counts]

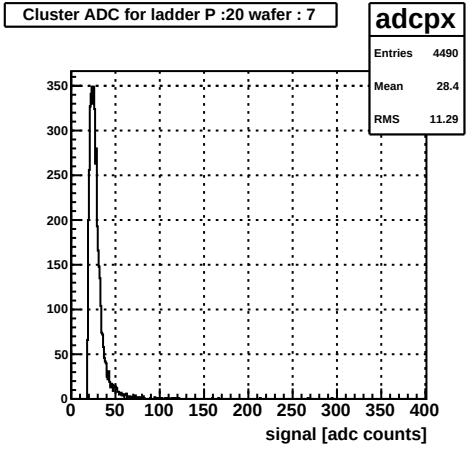

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3235
Mean 39.11
RMS 24.8
signal [adc counts]

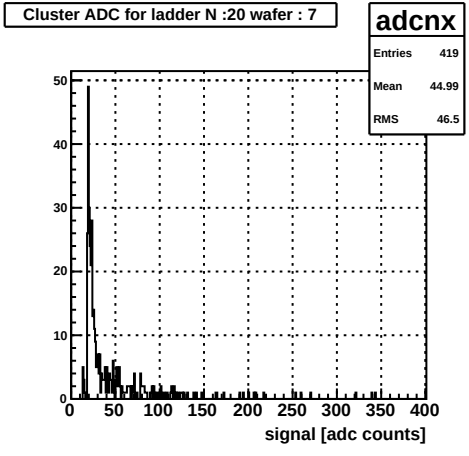

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 8216
Mean 21.57
RMS 19.64
signal [adc counts]

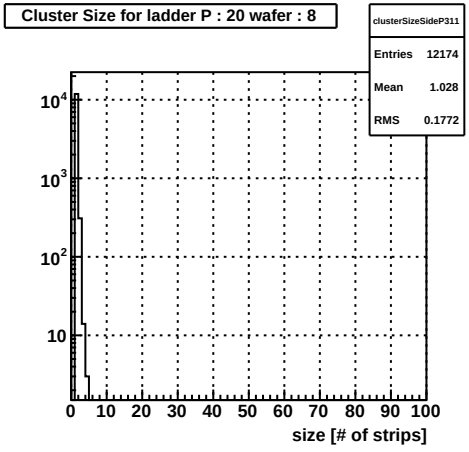

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4490
Mean 1.038
RMS 0.2081
size [# of strips]

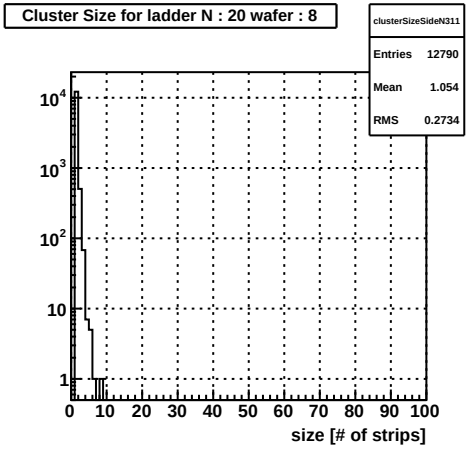

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 419
Mean 1.236
RMS 0.5772
size [# of strips]

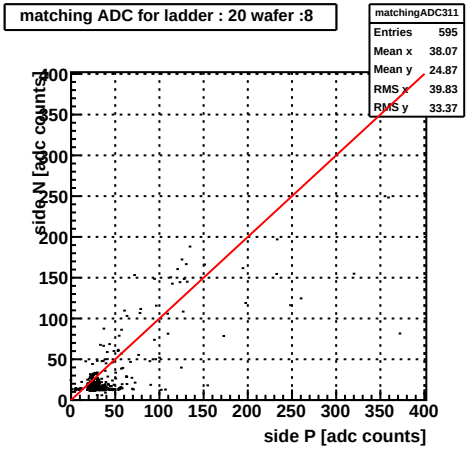

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 9
Mean x 54.75
Mean y 39.5
RMS x 74.98
RMS y 29.39
side N [adc counts]
side P [adc counts]

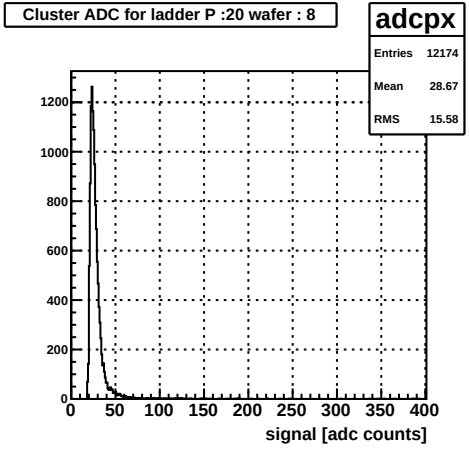

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4490
Mean 28.4
RMS 11.29
signal [adc counts]

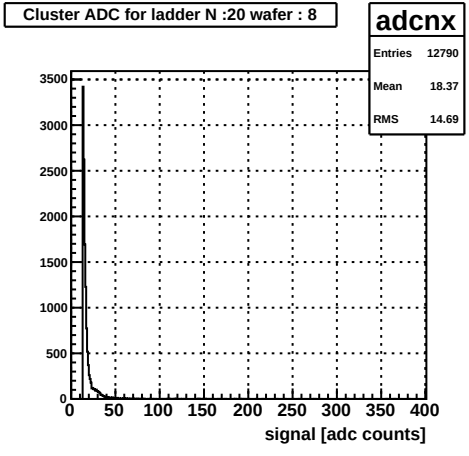

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 419
Mean 44.99
RMS 46.5
signal [adc counts]

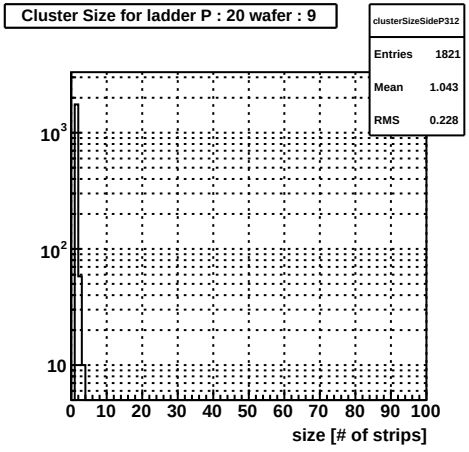

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 12174
Mean 1.028
RMS 0.1772
size [# of strips]

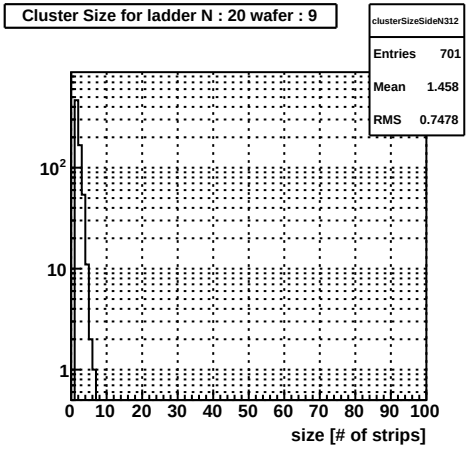

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 12790
Mean 1.054
RMS 0.2734
size [# of strips]

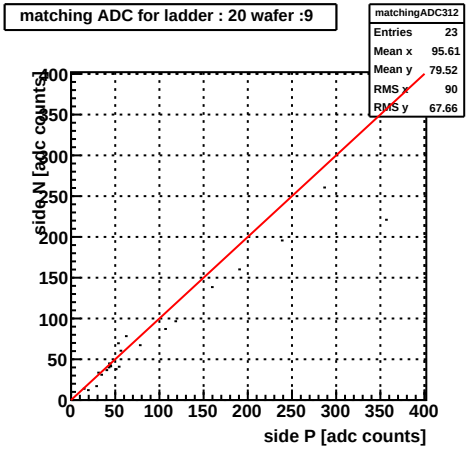

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 595
Mean x 38.07
Mean y 24.87
RMS x 39.83
RMS y 33.37
side N [adc counts]
side P [adc counts]

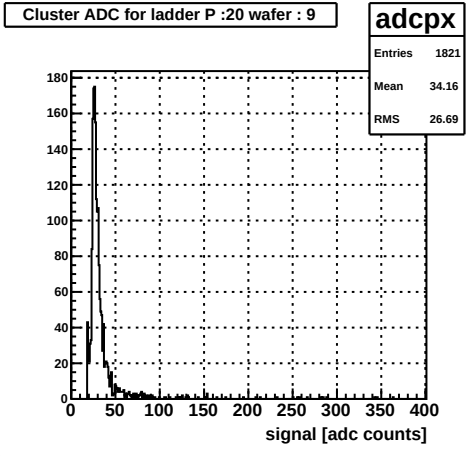

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 12174
Mean 28.67
RMS 15.58
signal [adc counts]

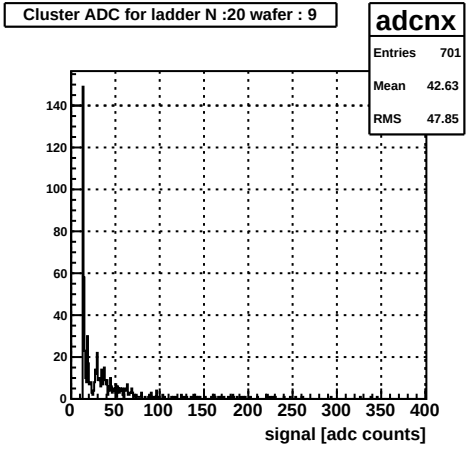

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 12790
Mean 18.37
RMS 14.69
signal [adc counts]

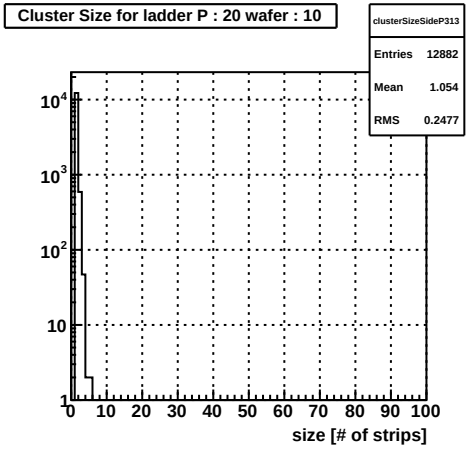

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1821
Mean 1.043
RMS 0.228
size [# of strips]

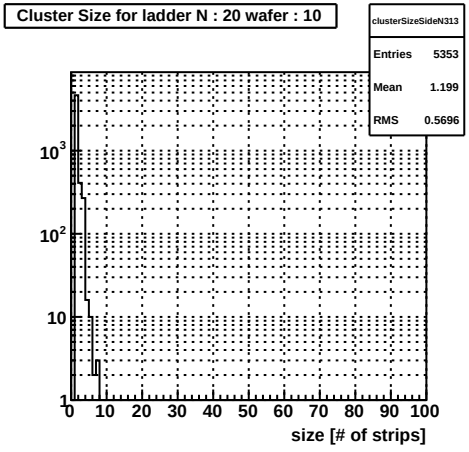

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 701
Mean 1.458
RMS 0.7478
size [# of strips]

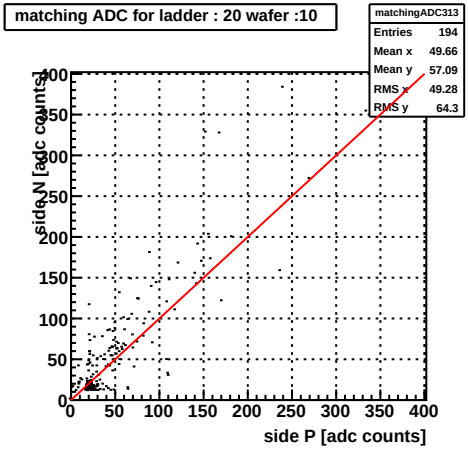

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 23
Mean x 95.61
Mean y 79.52
RMS x 90
RMS y 67.66
side N [adc counts]
side P [adc counts]

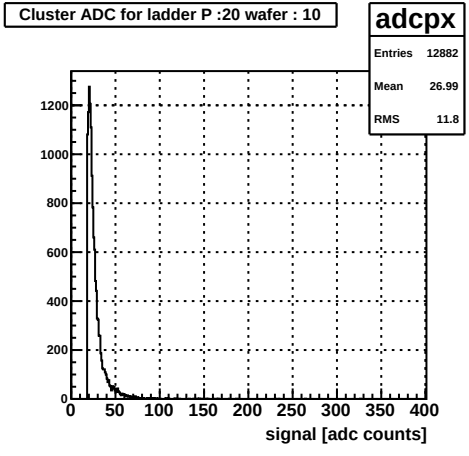

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1821
Mean 34.16
RMS 26.69
signal [adc counts]

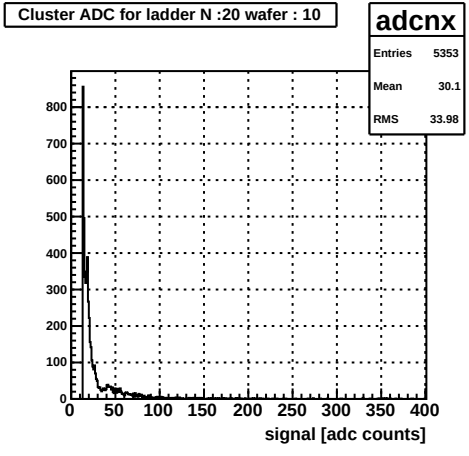

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 701
Mean 42.63
RMS 47.85
signal [adc counts]

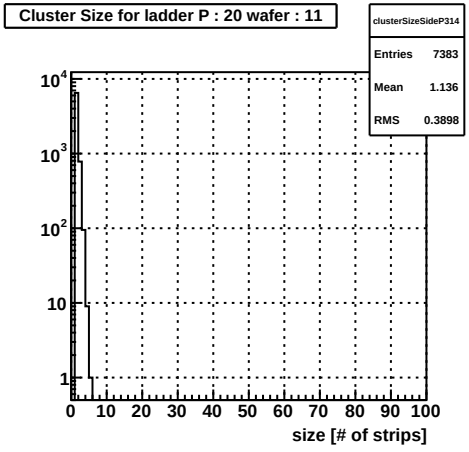

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12882
Mean 1.054
RMS 0.2477
size [# of strips]

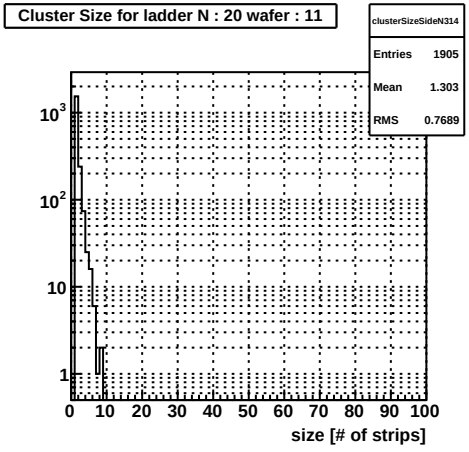

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5353
Mean 1.199
RMS 0.5696
size [# of strips]

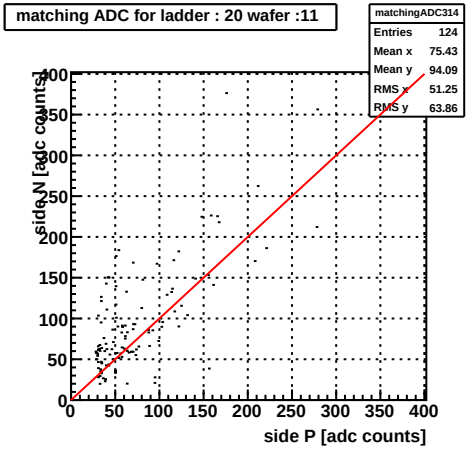

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 194
Mean x 49.66
Mean y 57.09
RMS x 49.28
RMS y 64.3
side N [adc counts]
side P [adc counts]

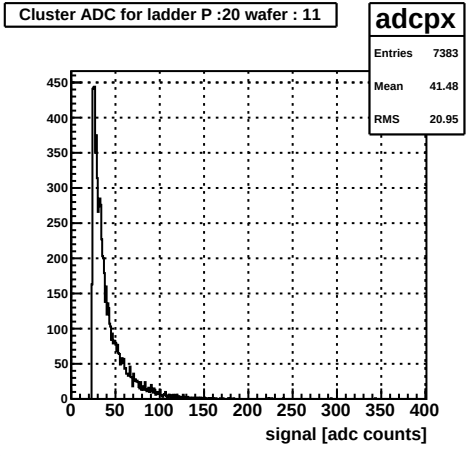

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12882
Mean 26.99
RMS 11.8
signal [adc counts]

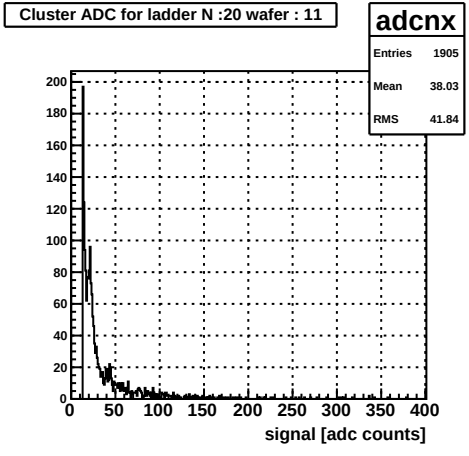

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5353
Mean 30.1
RMS 33.98
signal [adc counts]

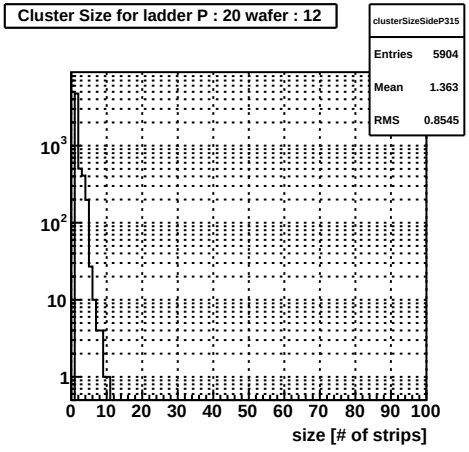

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7383
Mean 1.136
RMS 0.3898
size [# of strips]

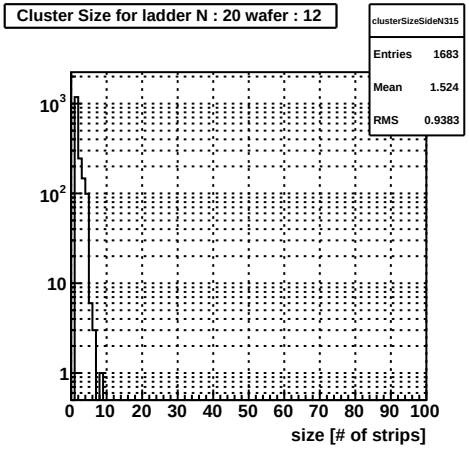

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1905
Mean 1.303
RMS 0.7689
size [# of strips]

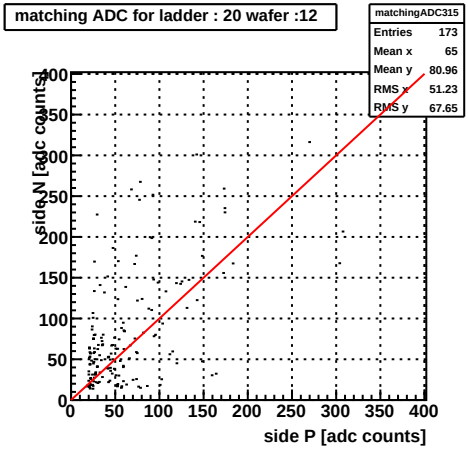

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 124
Mean x 75.43
Mean y 94.09
RMS x 51.25
RMS y 63.86
side N [adc counts]
side P [adc counts]

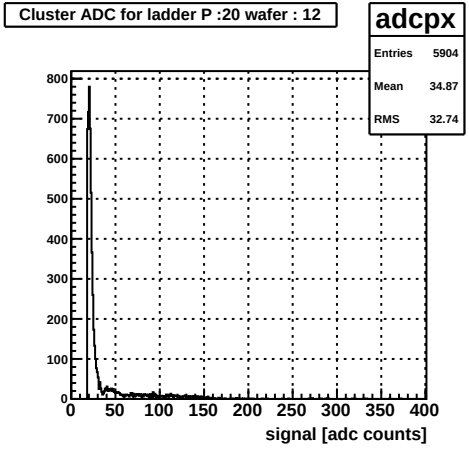

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7383
Mean 41.48
RMS 20.95
signal [adc counts]

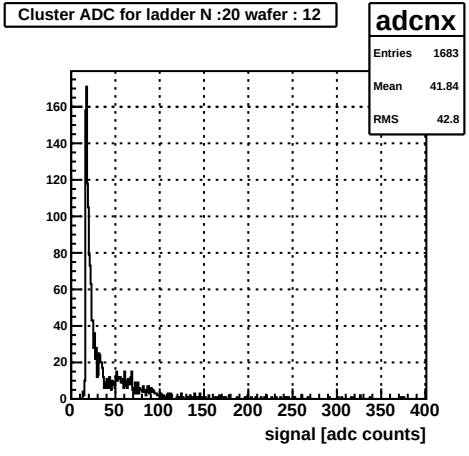

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1905
Mean 38.03
RMS 41.84
signal [adc counts]

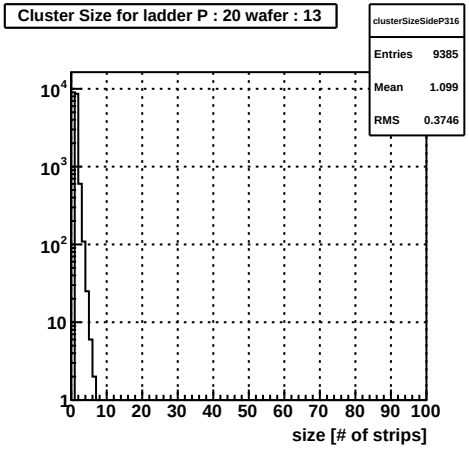

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5904
Mean 1.363
RMS 0.8545
size [# of strips]

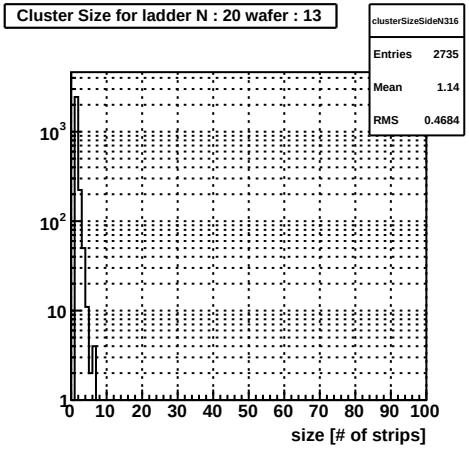

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1683
Mean 1.524
RMS 0.9383
size [# of strips]

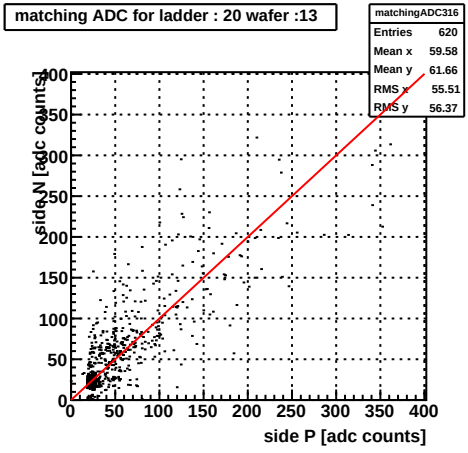

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 173
Mean x 65
Mean y 80.96
RMS x 51.23
RMS y 67.65
side N [adc counts]
side P [adc counts]

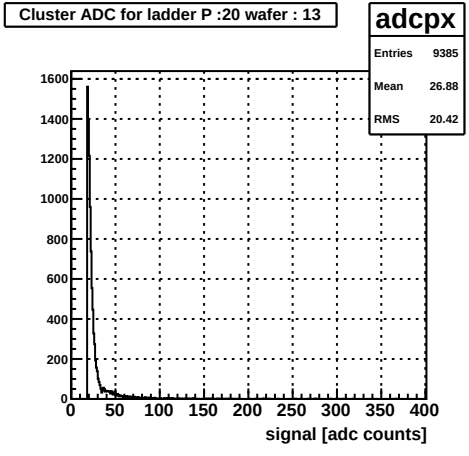

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5904
Mean 34.87
RMS 32.74
signal [adc counts]

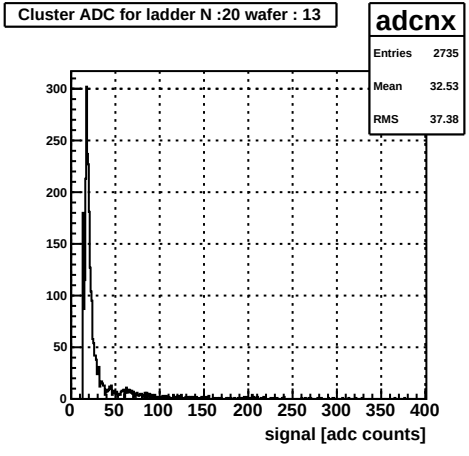

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1683
Mean 41.84
RMS 42.8
signal [adc counts]

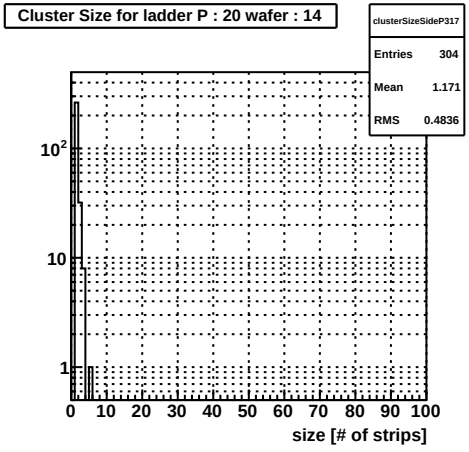

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9385
Mean 1.099
RMS 0.3746
size [# of strips]

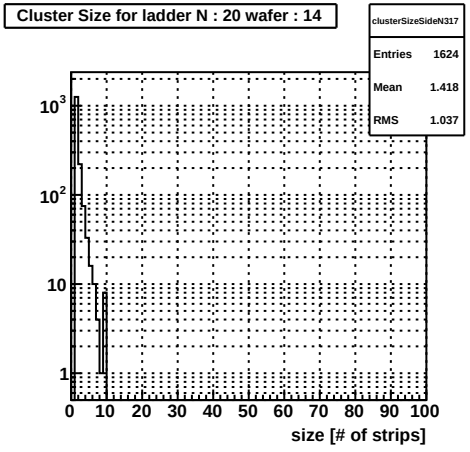

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2735
Mean 1.14
RMS 0.4684
size [# of strips]

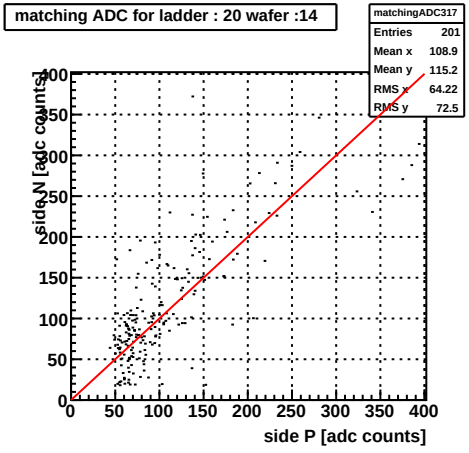

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 620
Mean x 59.58
Mean y 61.66
RMS x 55.51
RMS y 56.37
side N [adc counts]
side P [adc counts]

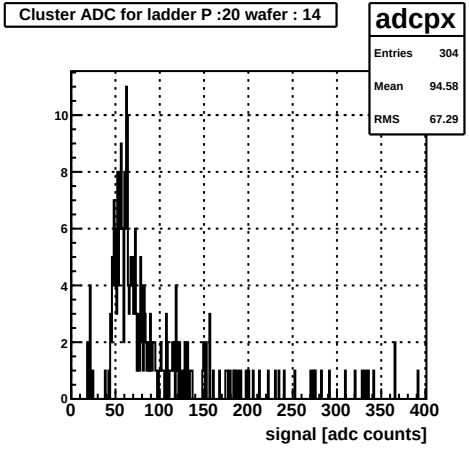

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9385
Mean 26.88
RMS 20.42
signal [adc counts]

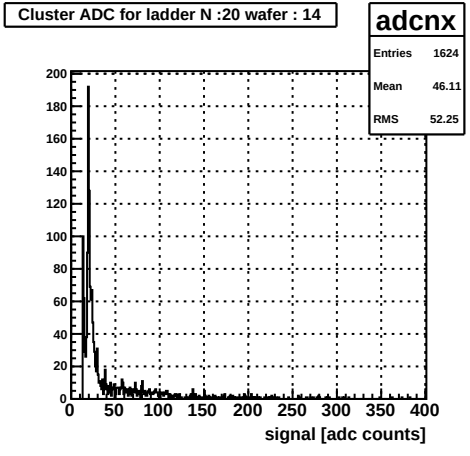

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2735
Mean 32.53
RMS 37.38
signal [adc counts]

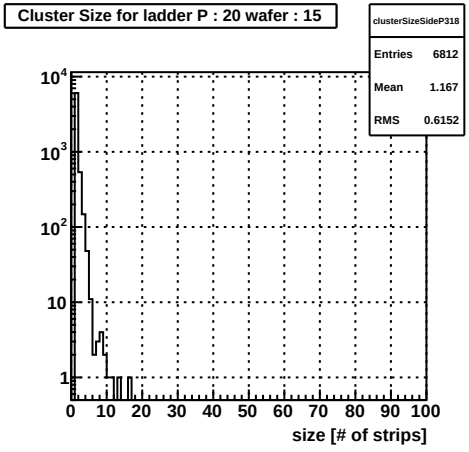

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 304
Mean 1.171
RMS 0.4836
size [# of strips]

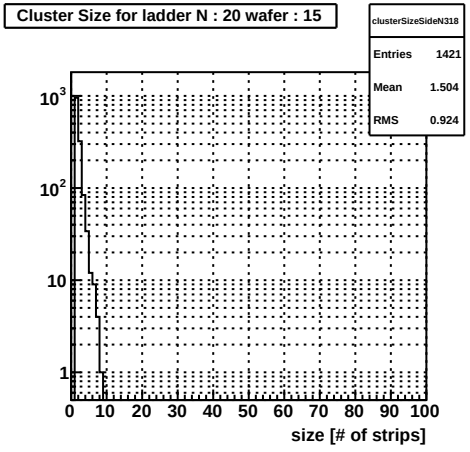

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1624
Mean 1.418
RMS 1.037
size [# of strips]

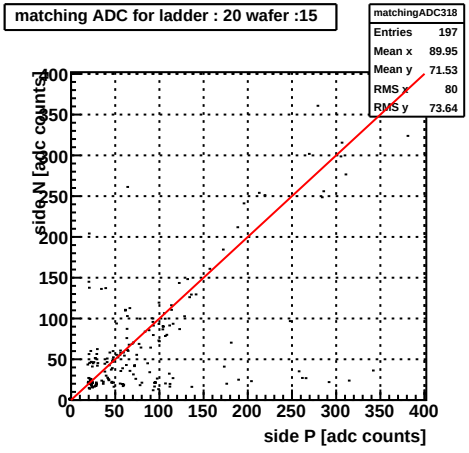

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 201
Mean x 108.9
Mean y 115.2
RMS x 64.22
RMS y 72.5
side N [adc counts]
side P [adc counts]

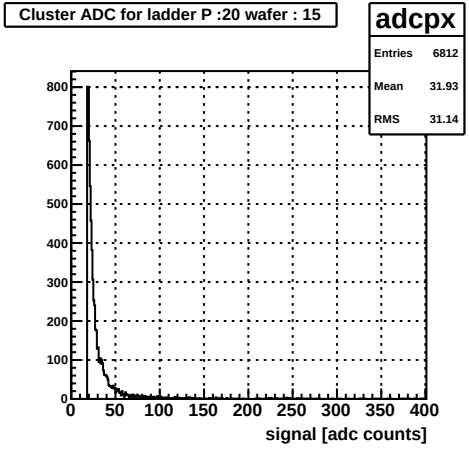

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 304
Mean 94.58
RMS 67.29
signal [adc counts]

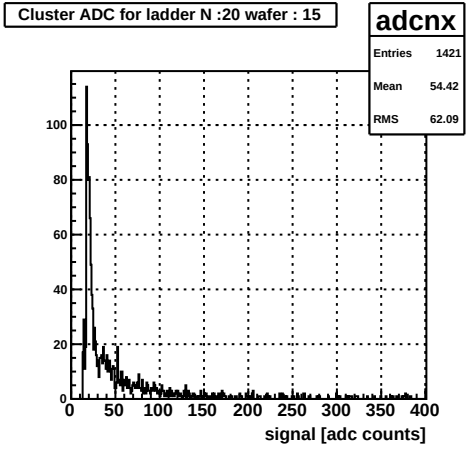

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1624
Mean 46.11
RMS 52.25
signal [adc counts]

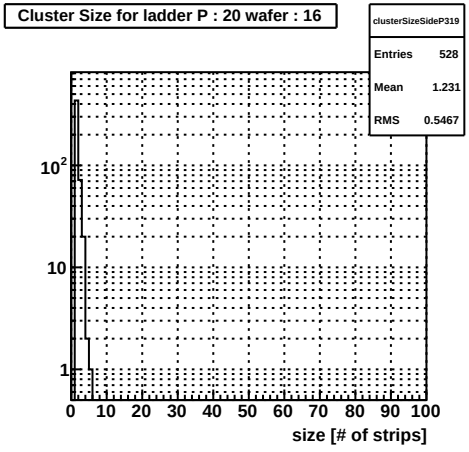

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6812
Mean 1.167
RMS 0.6152
size [# of strips]

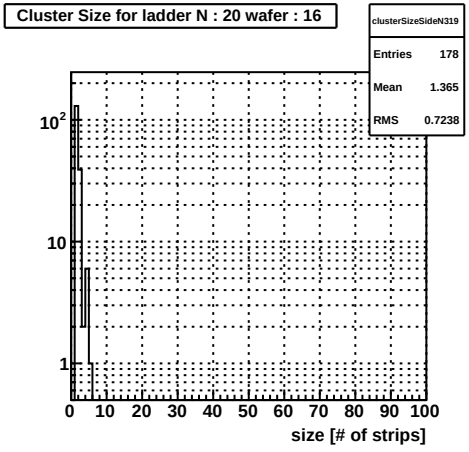

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1421
Mean 1.504
RMS 0.924
size [# of strips]

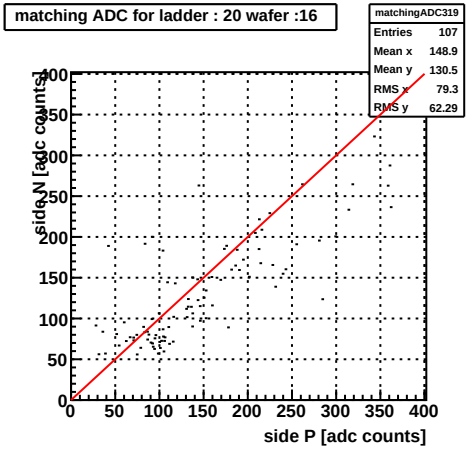

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 197
Mean x 89.95
Mean y 71.53
RMS x 80
RMS y 73.64
side N [adc counts]
side P [adc counts]

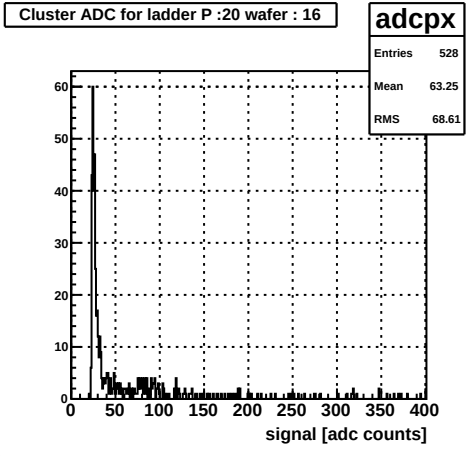

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6812
Mean 31.93
RMS 31.14
signal [adc counts]

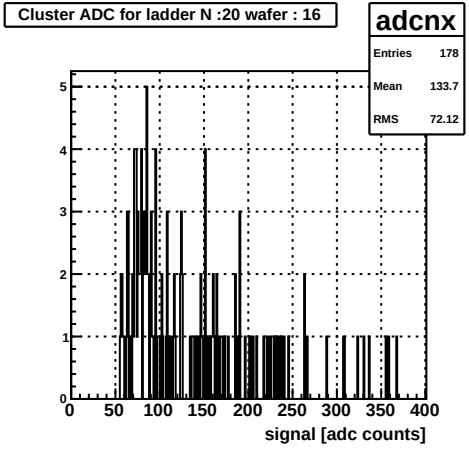

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1421
Mean 54.42
RMS 62.09
signal [adc counts]

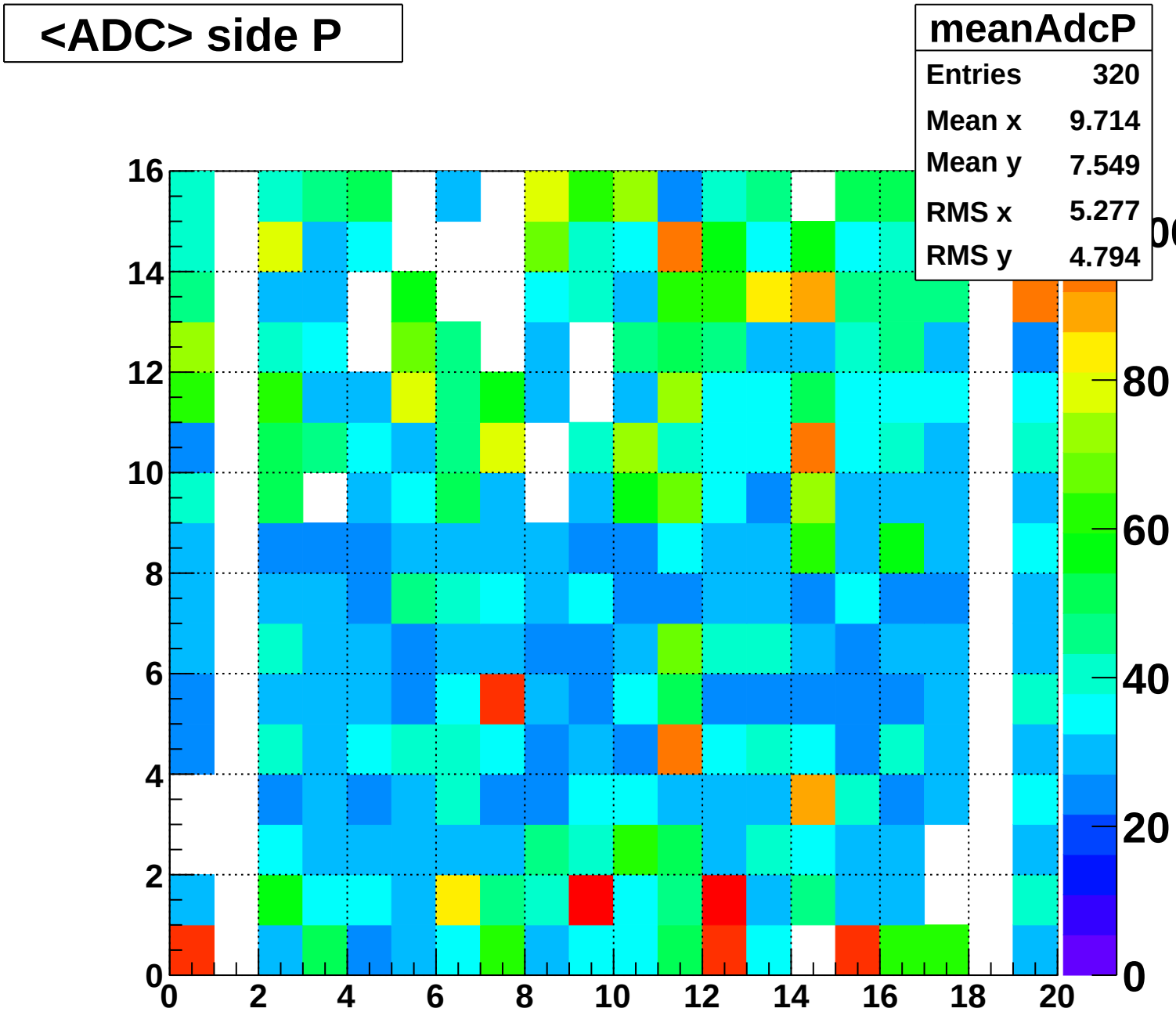

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 528
Mean 1.231
RMS 0.5467
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 178
Mean 1.365
RMS 0.7238
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 107
Mean x 148.9
Mean y 130.5
RMS x 79.3
RMS y 62.29
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 528
Mean 63.25
RMS 68.61
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 178
Mean 133.7
RMS 72.12
signal [adc counts]



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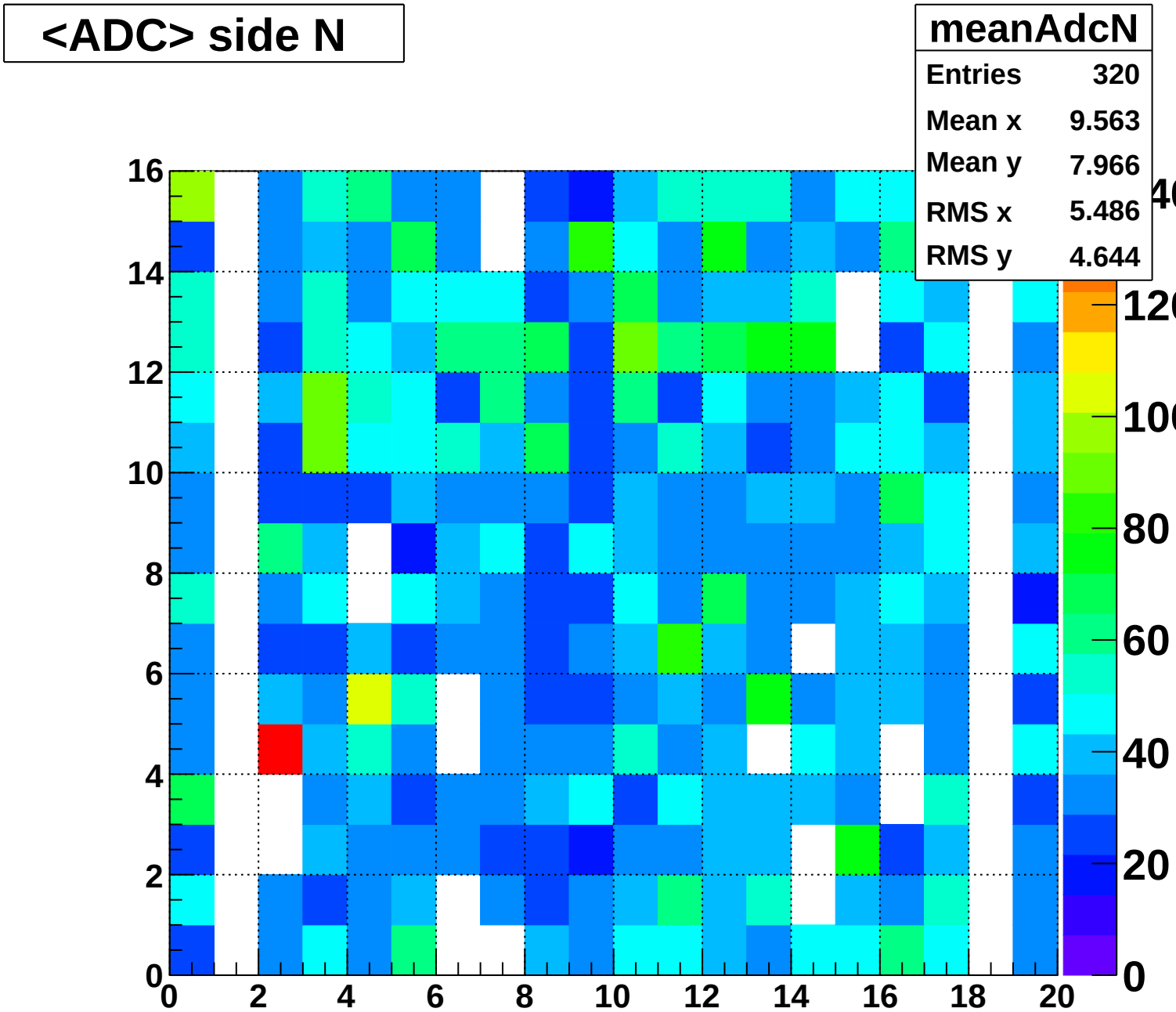

2016-05-26 03:40:26