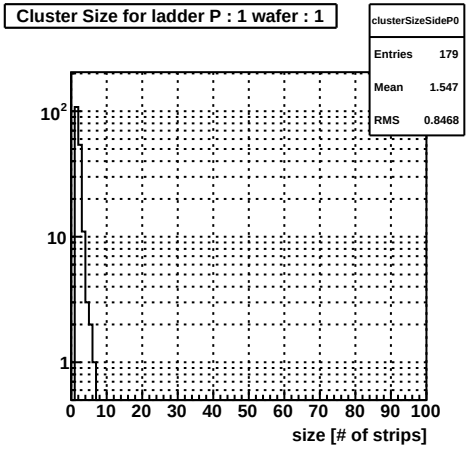
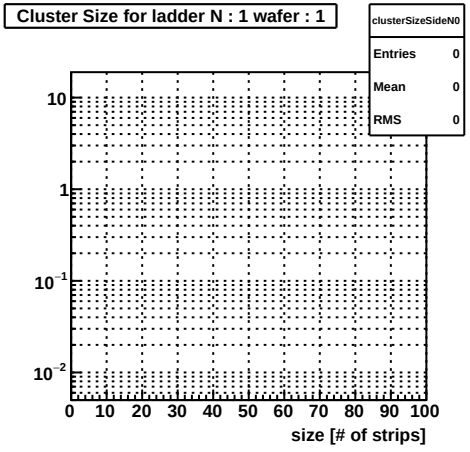
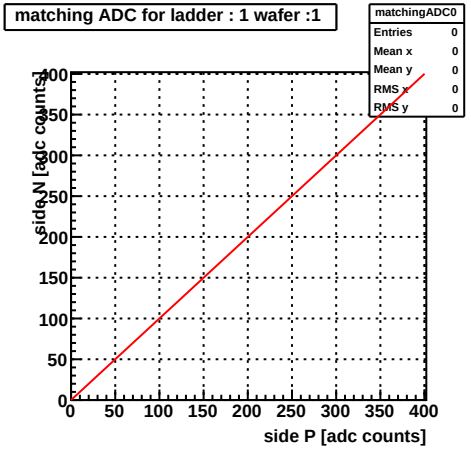
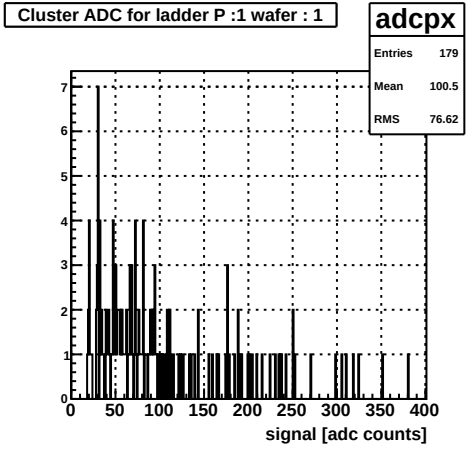
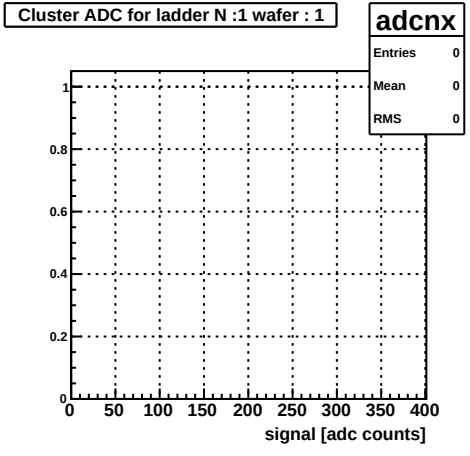
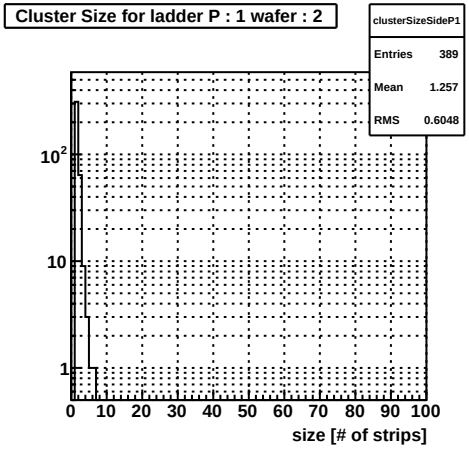

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 179
Mean 1.547
RMS 0.8468
size [# of strips]

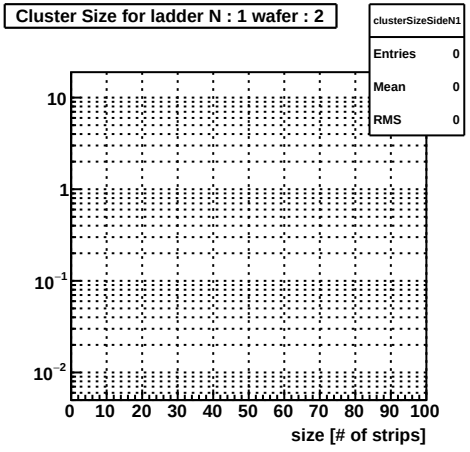

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

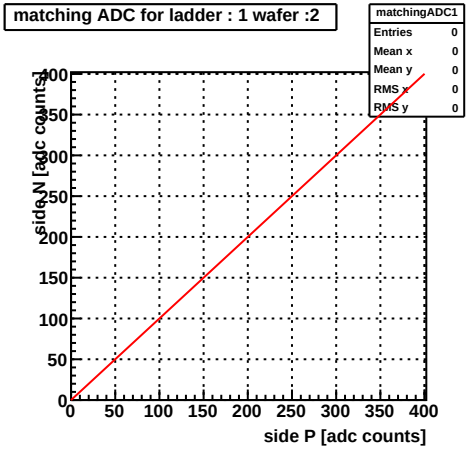

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

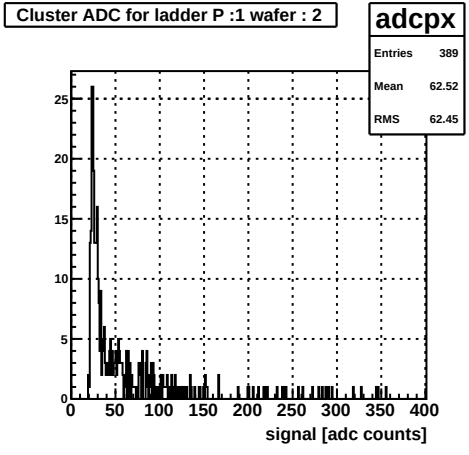

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 179
Mean 100.5
RMS 76.62
signal [adc counts]

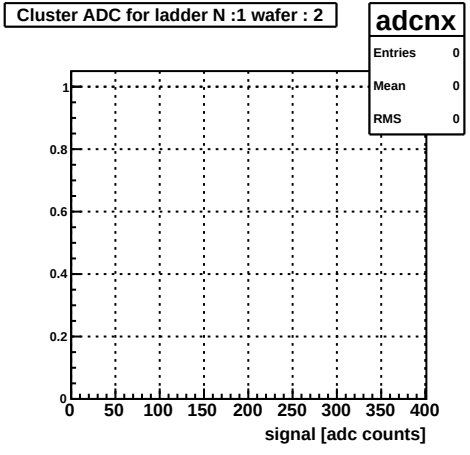

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

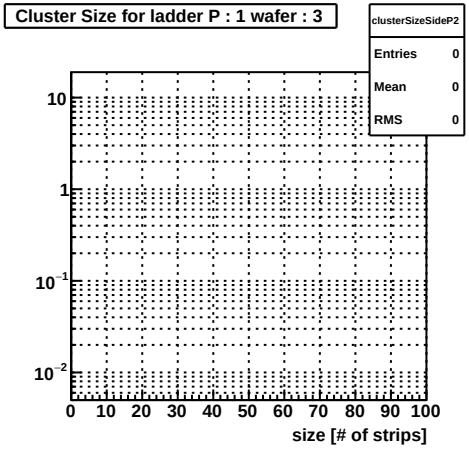

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 389
Mean 1.257
RMS 0.6048
size [# of strips]

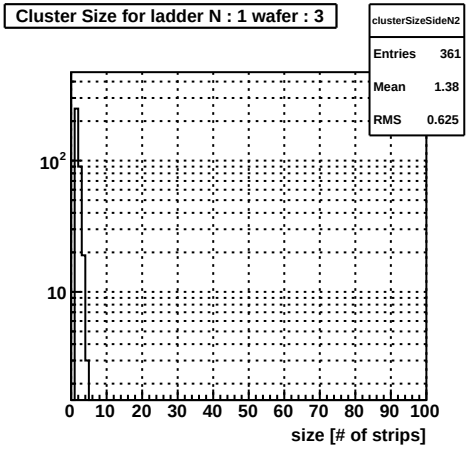

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

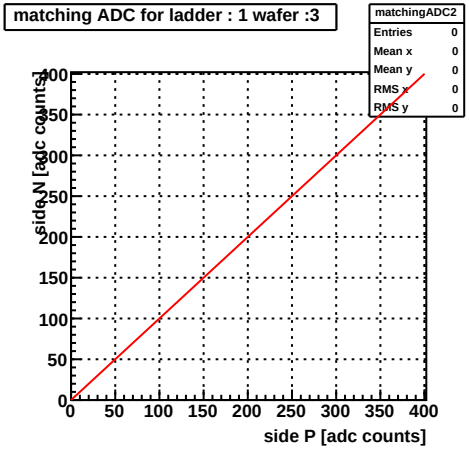

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

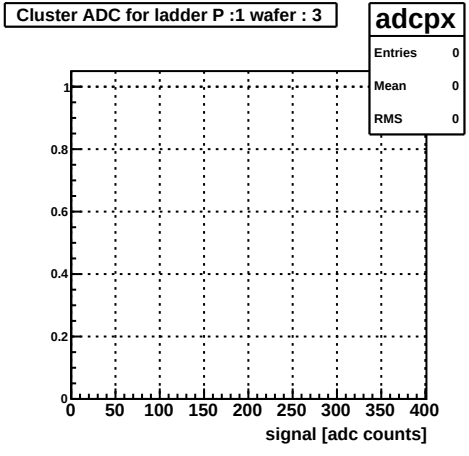

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 389
Mean 62.52
RMS 62.45
signal [adc counts]

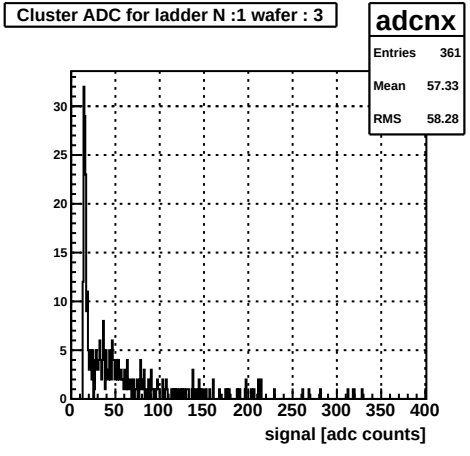

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

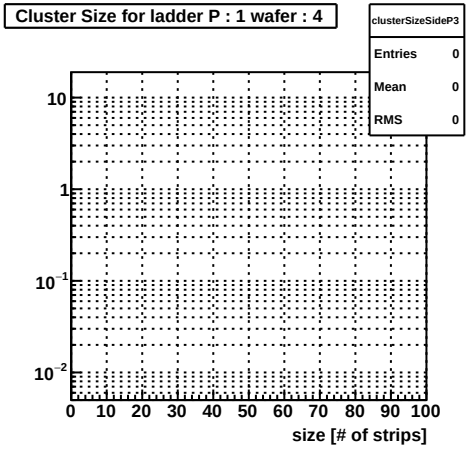

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

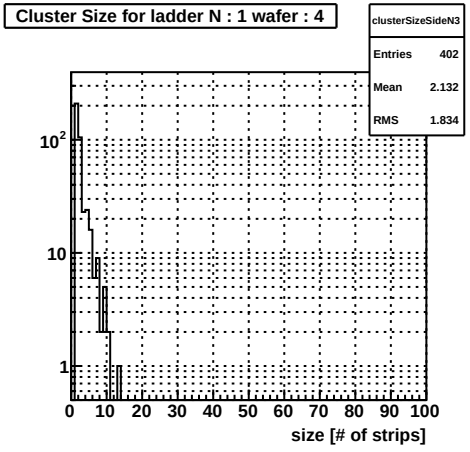

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 361
Mean 1.38
RMS 0.625
size [# of strips]

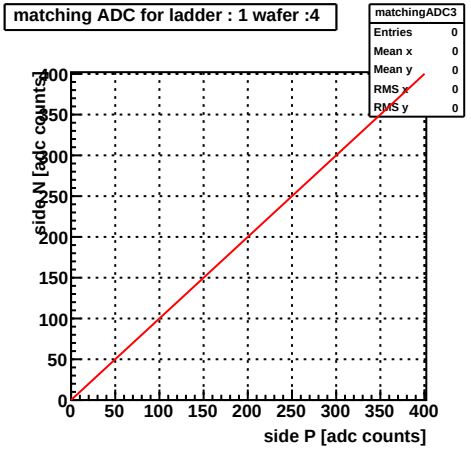

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

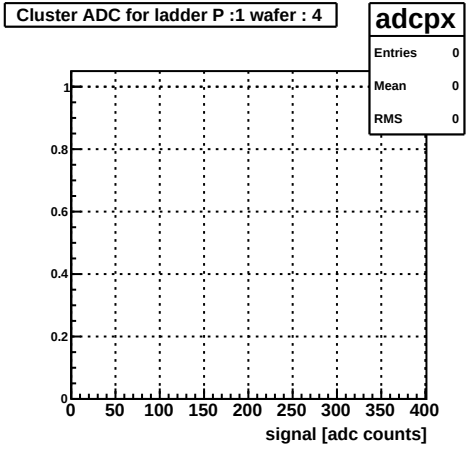

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

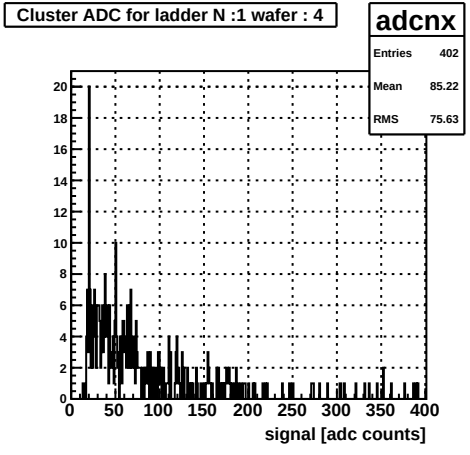

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 361
Mean 57.33
RMS 58.28
signal [adc counts]

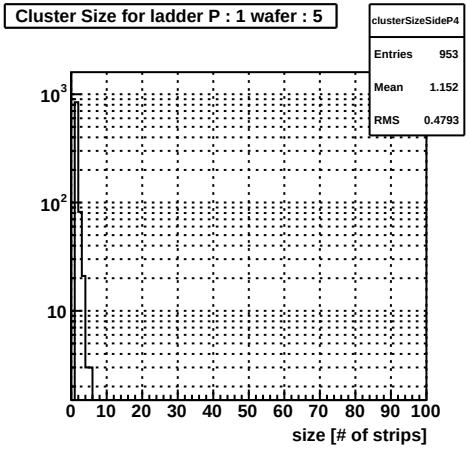

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

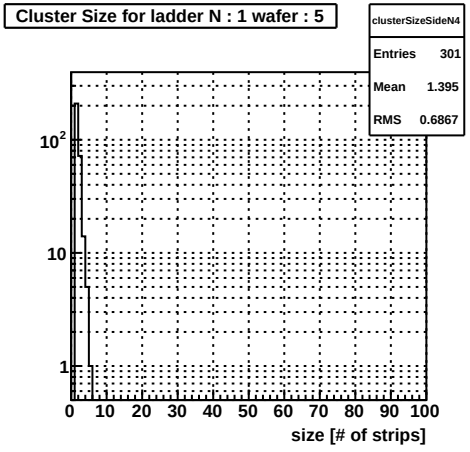

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 402
Mean 2.132
RMS 1.834
size [# of strips]

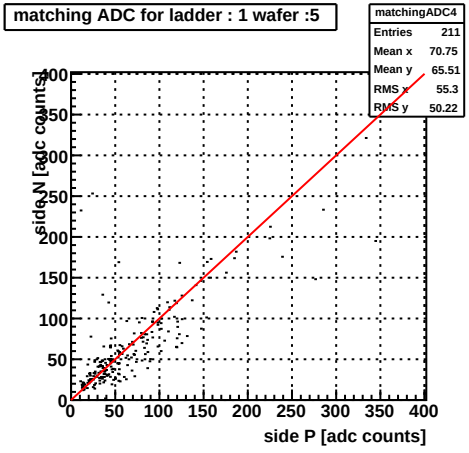

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

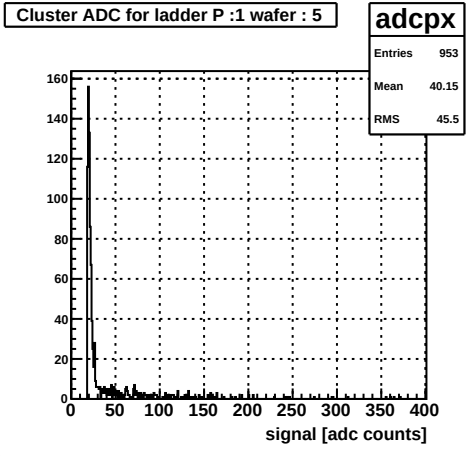

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

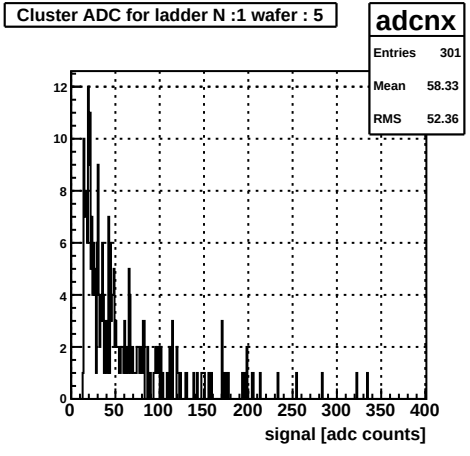

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 402
Mean 85.22
RMS 75.63
signal [adc counts]

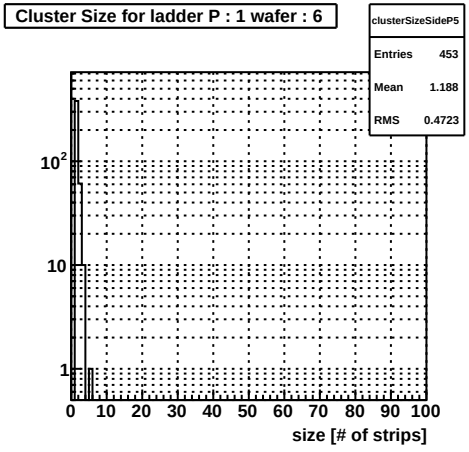

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 953
Mean 1.152
RMS 0.4793
size [# of strips]

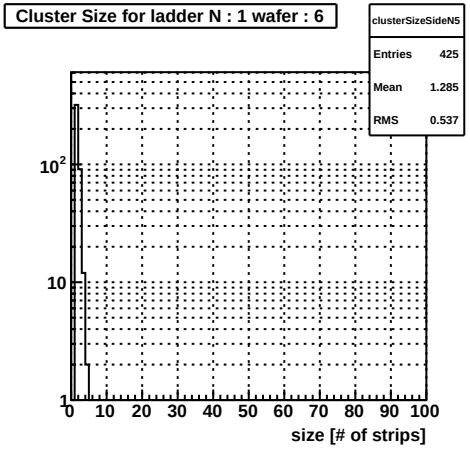

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 301
Mean 1.395
RMS 0.6867
size [# of strips]

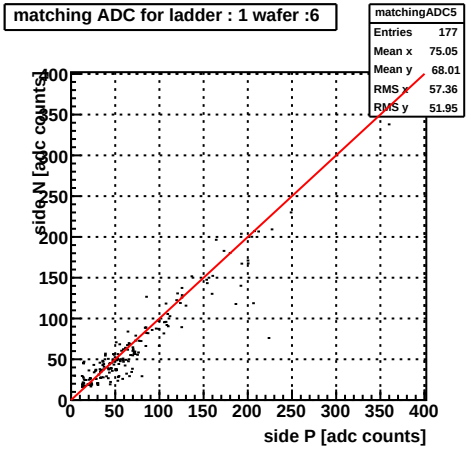

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 211
Mean x 70.75
Mean y 65.51
RMS x 55.3
RMS y 50.22
side N [adc counts]
side P [adc counts]

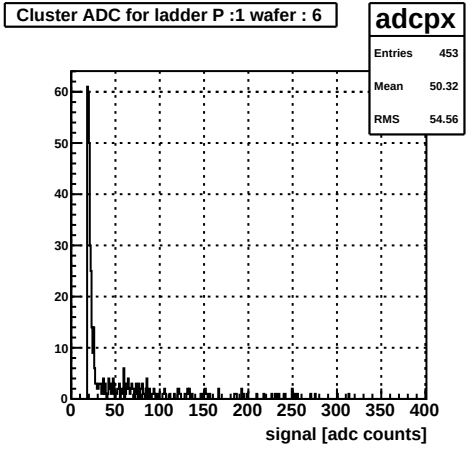

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 953
Mean 40.15
RMS 45.5
signal [adc counts]

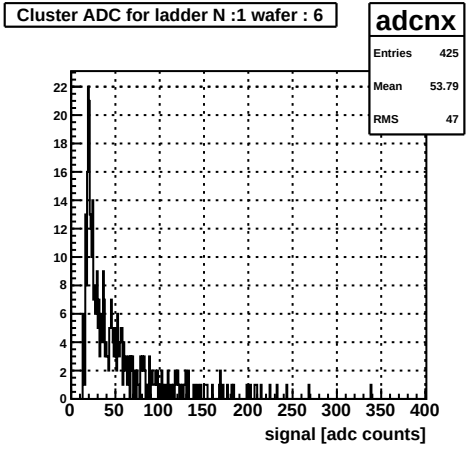

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 301
Mean 58.33
RMS 52.36
signal [adc counts]

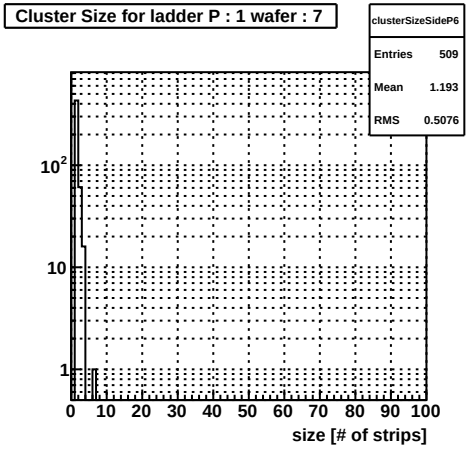

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 453
Mean 1.188
RMS 0.4723
size [# of strips]

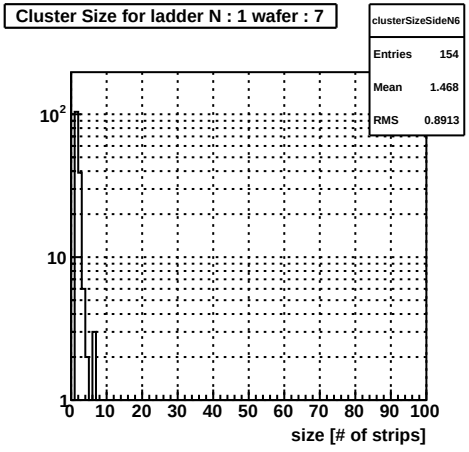

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 425
Mean 1.285
RMS 0.537
size [# of strips]

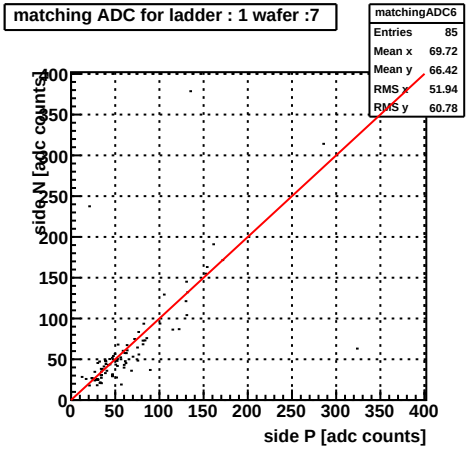

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 177
Mean x 75.05
Mean y 68.01
RMS x 57.36
RMS y 51.95
side N [adc counts]
side P [adc counts]

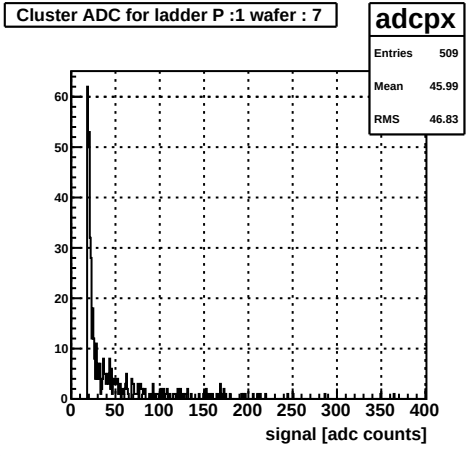

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 453
Mean 50.32
RMS 54.56
signal [adc counts]

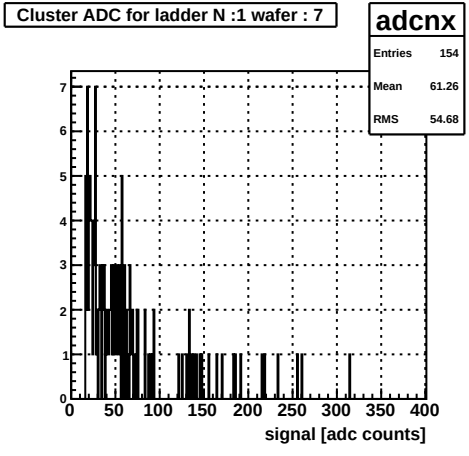

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 425
Mean 53.79
RMS 47
signal [adc counts]

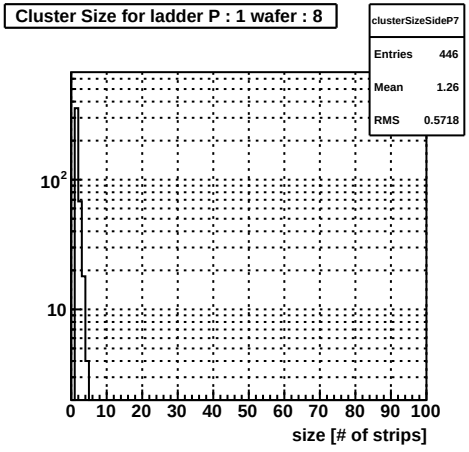

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 509
Mean 1.193
RMS 0.5076
size [# of strips]

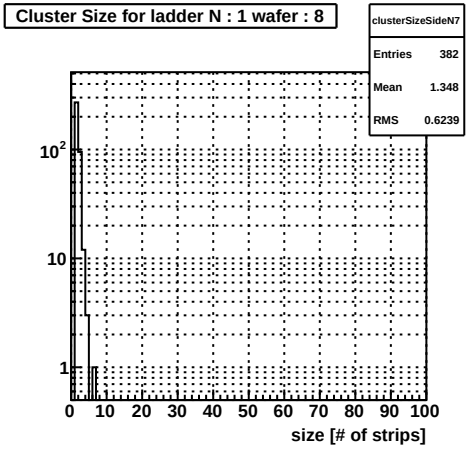

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 154
Mean 1.468
RMS 0.8913
size [# of strips]

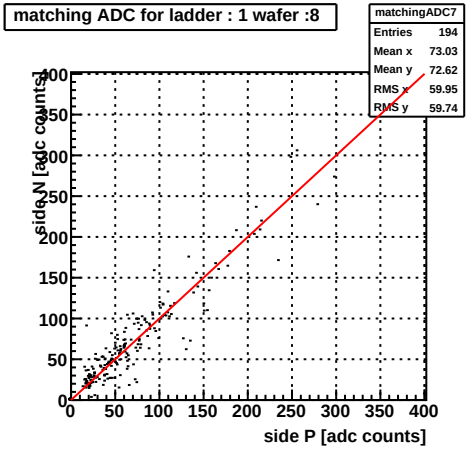

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 85
Mean x 69.72
Mean y 66.42
RMS x 51.94
RMS y 60.78
side N [adc counts]
side P [adc counts]

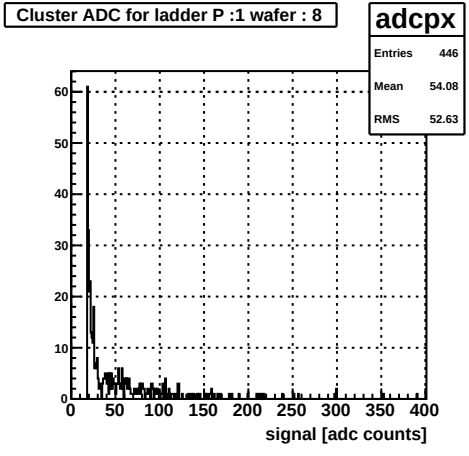

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 509
Mean 45.99
RMS 46.83
signal [adc counts]

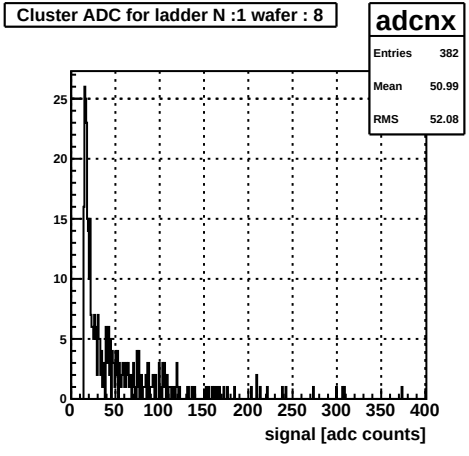

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 154
Mean 61.26
RMS 54.68
signal [adc counts]

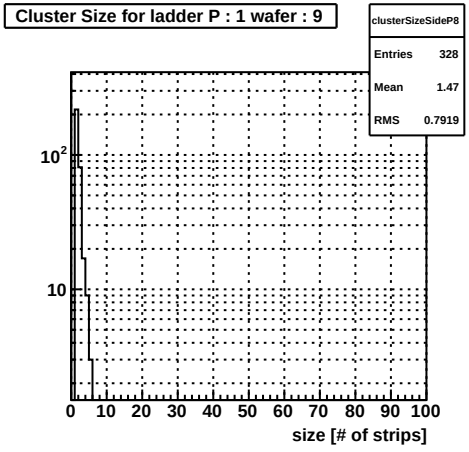

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 446
Mean 1.26
RMS 0.5718
size [# of strips]

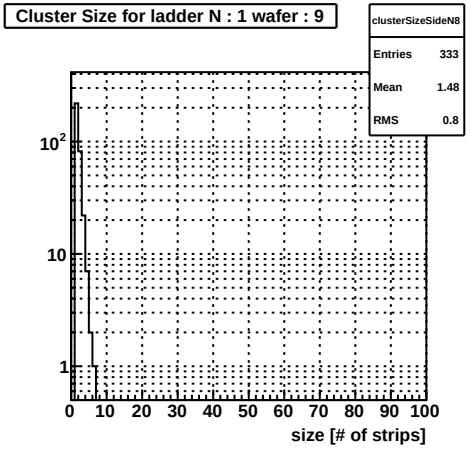

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 382
Mean 1.348
RMS 0.6239
size [# of strips]

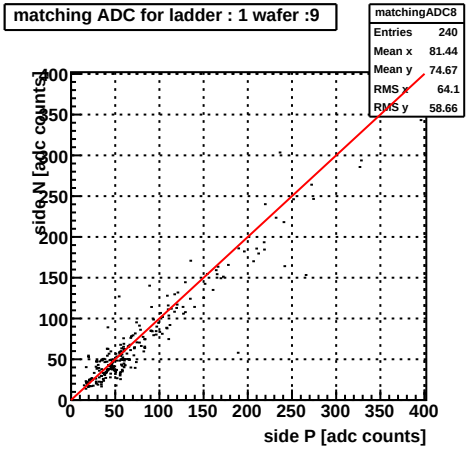

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 194
Mean x 73.03
Mean y 72.62
RMS x 59.95
RMS y 59.74
side N [adc counts]
side P [adc counts]

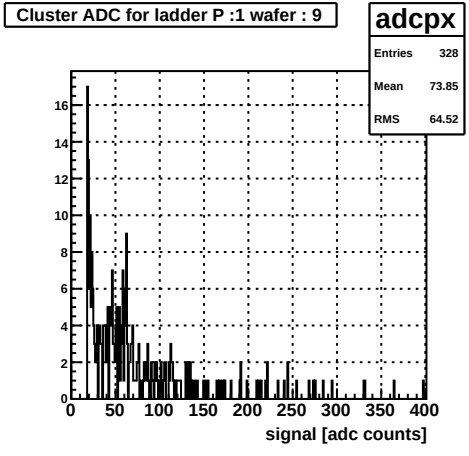

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 446
Mean 54.08
RMS 52.63
signal [adc counts]

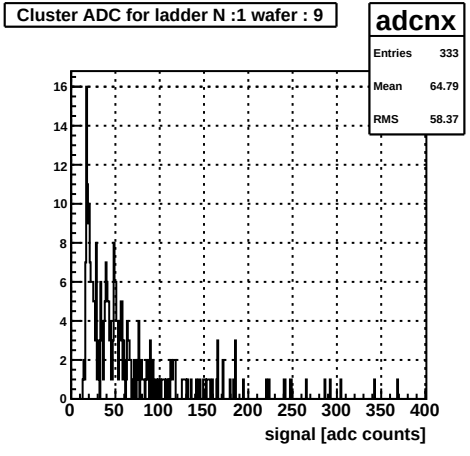

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 382
Mean 50.99
RMS 52.08
signal [adc counts]

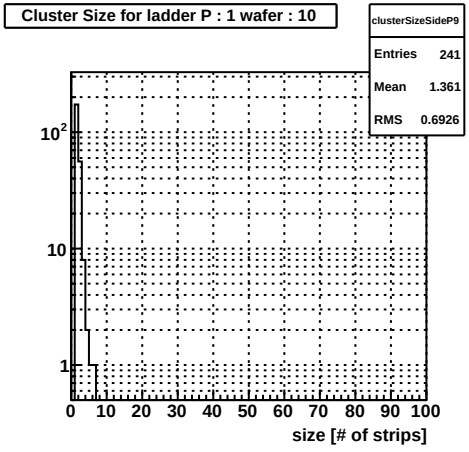

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 328
Mean 1.47
RMS 0.7919
size [# of strips]

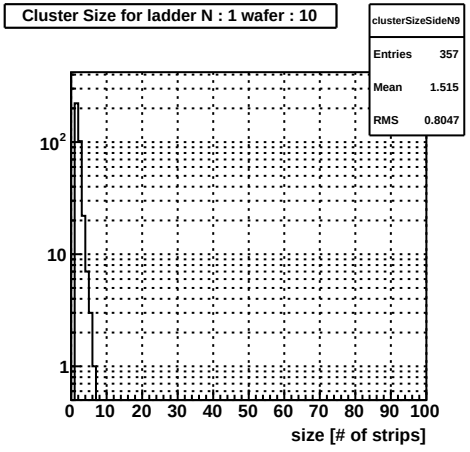

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 333
Mean 1.48
RMS 0.8
size [# of strips]

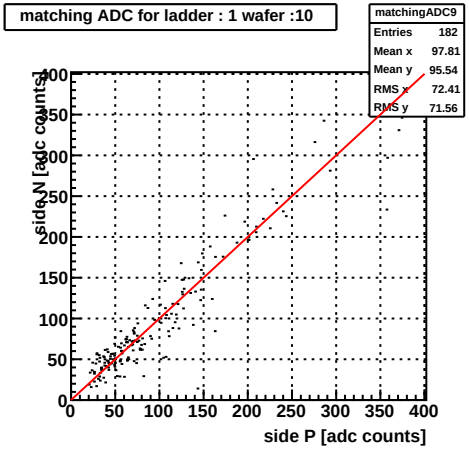

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 240
Mean x 81.44
Mean y 74.67
RMS x 64.1
RMS y 58.66
side N [adc counts]
side P [adc counts]

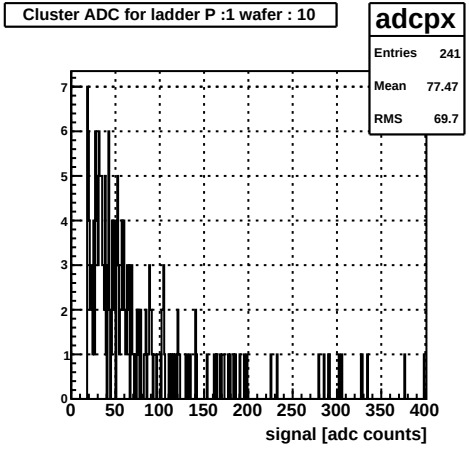

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 328
Mean 73.85
RMS 64.52
signal [adc counts]

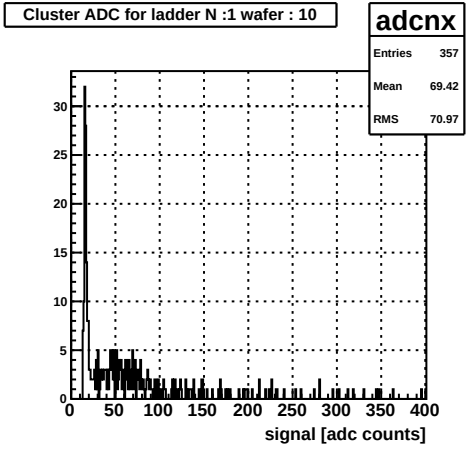

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 333
Mean 64.79
RMS 58.37
signal [adc counts]

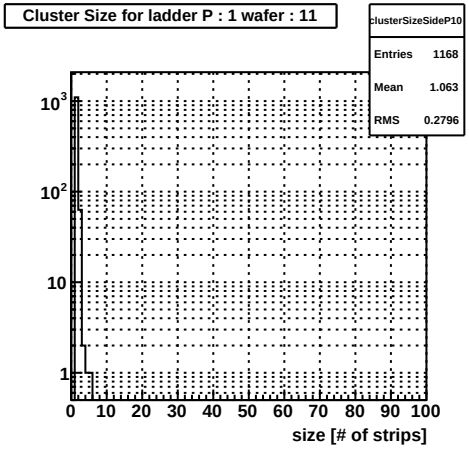

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 241
Mean 1.361
RMS 0.6926
size [# of strips]

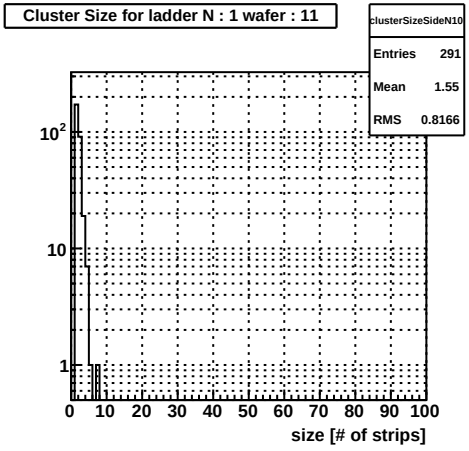

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 357
Mean 1.515
RMS 0.8047
size [# of strips]

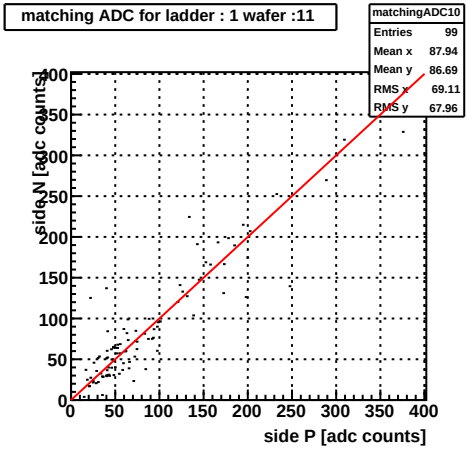

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 182
Mean x 97.81
Mean y 95.54
RMS x 72.41
RMS y 71.56
side N [adc counts]
side P [adc counts]

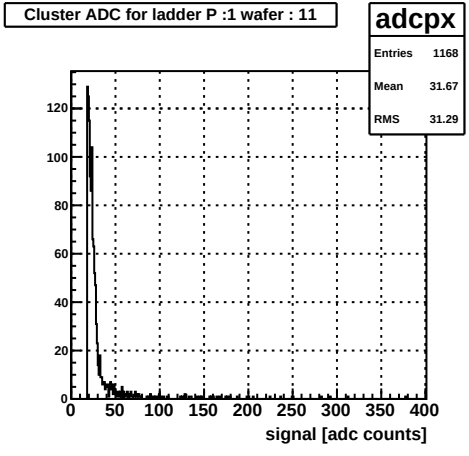

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 241
Mean 77.47
RMS 69.7
signal [adc counts]

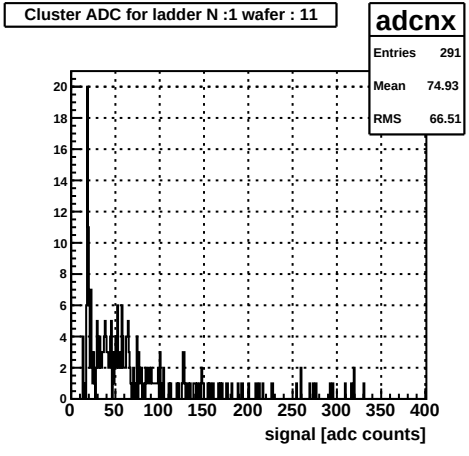

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 357
Mean 69.42
RMS 70.97
signal [adc counts]

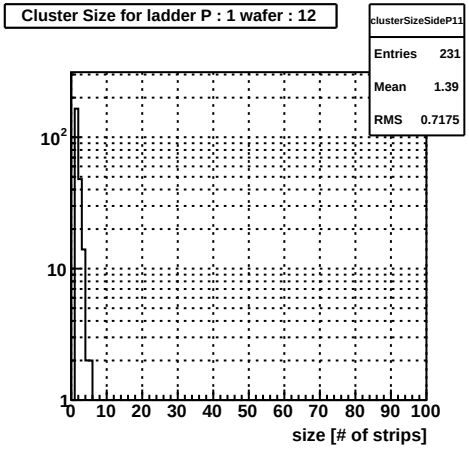

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 1168
Mean 1.063
RMS 0.2796
size [# of strips]

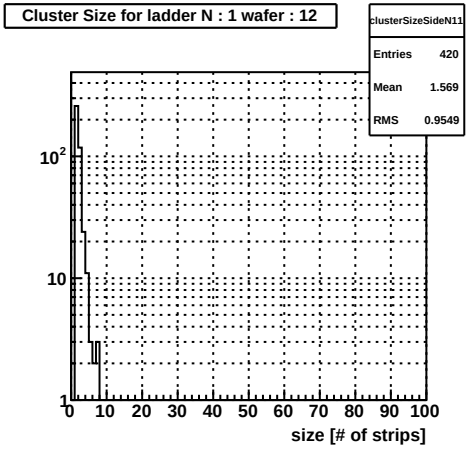

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 291
Mean 1.55
RMS 0.8166
size [# of strips]

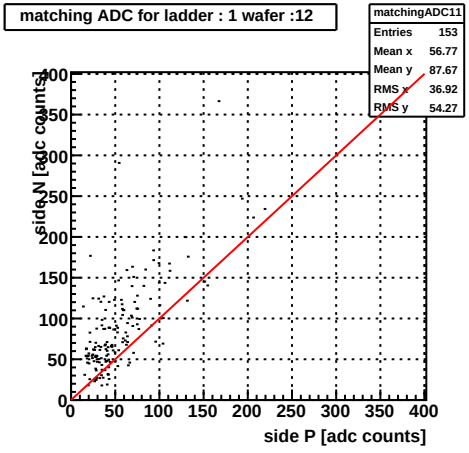

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 99
Mean x 87.94
Mean y 86.69
RMS x 69.11
RMS y 67.96
side N [adc counts]
side P [adc counts]

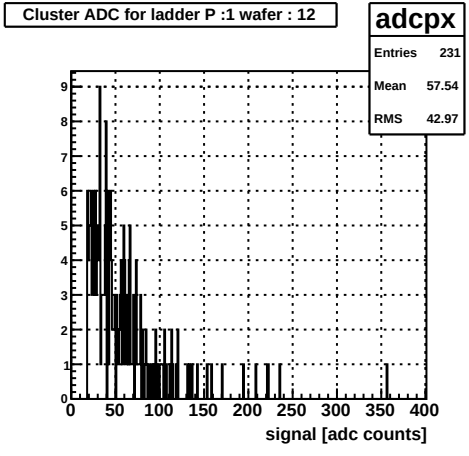

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 1168
Mean 31.67
RMS 31.29
signal [adc counts]

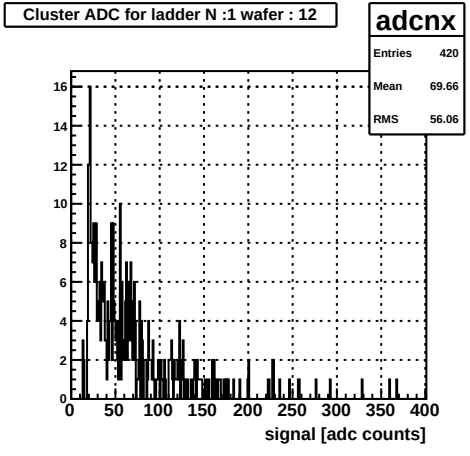

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 291
Mean 74.93
RMS 66.51
signal [adc counts]

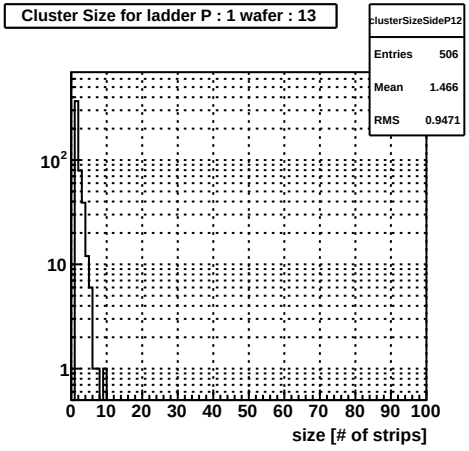

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 231
Mean 1.39
RMS 0.7175
size [# of strips]

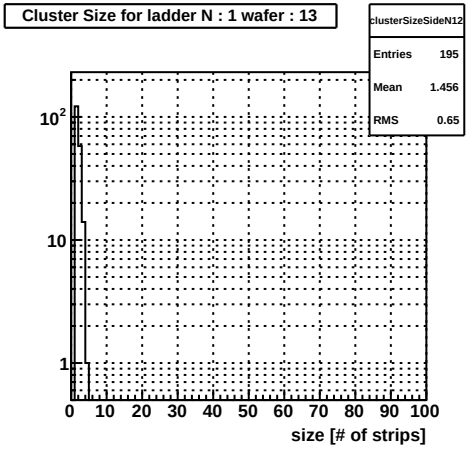

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 420
Mean 1.569
RMS 0.9549
size [# of strips]

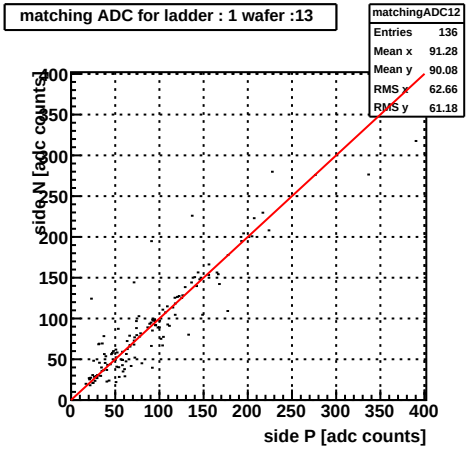

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 153
Mean x 56.77
Mean y 87.67
RMS x 36.92
RMS y 54.27
side N [adc counts]
side P [adc counts]

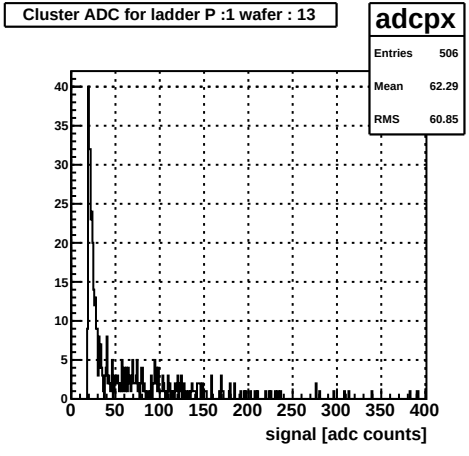

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 231
Mean 57.54
RMS 42.97
signal [adc counts]

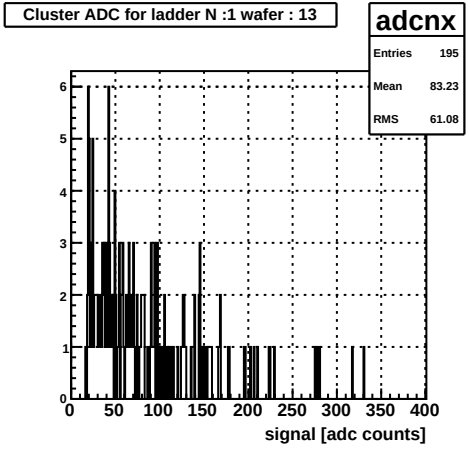

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 420
Mean 69.66
RMS 56.06
signal [adc counts]

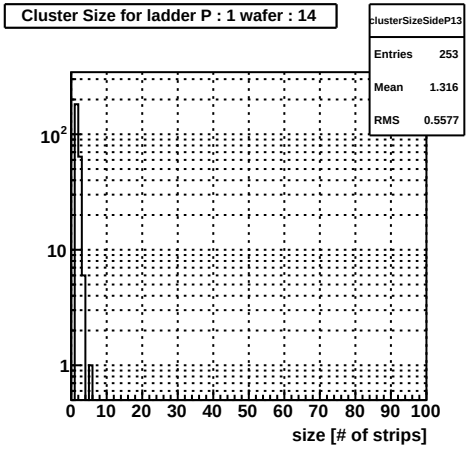

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 506
Mean 1.466
RMS 0.9471
size [# of strips]

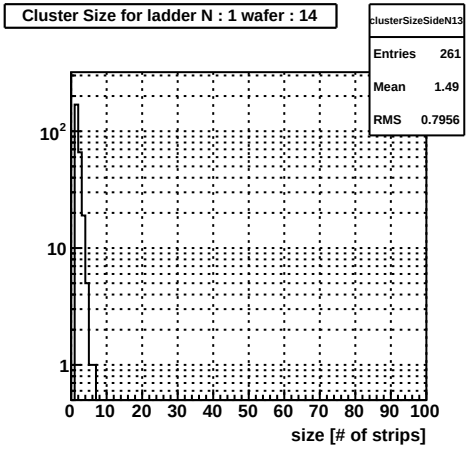

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 195
Mean 1.456
RMS 0.65
size [# of strips]

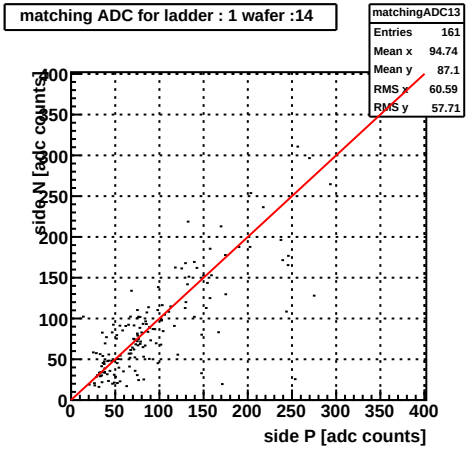

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 136
Mean x 91.28
Mean y 90.08
RMS x 62.66
RMS y 61.18
side N [adc counts]
side P [adc counts]

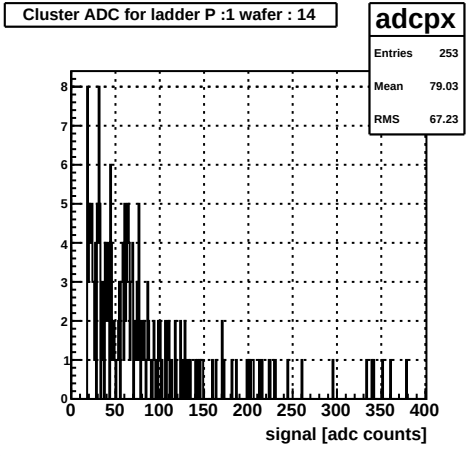

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 506
Mean 62.29
RMS 60.85
signal [adc counts]

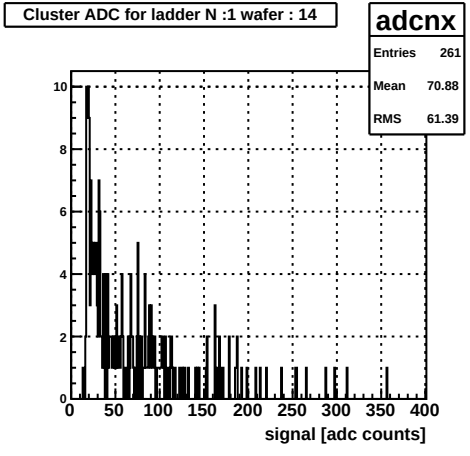

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 195
Mean 83.23
RMS 61.08
signal [adc counts]

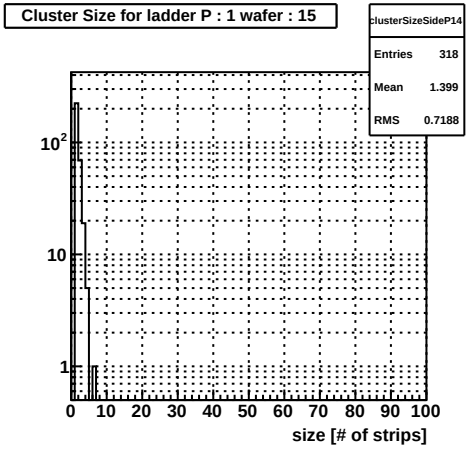

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 253
Mean 1.316
RMS 0.5577
size [# of strips]

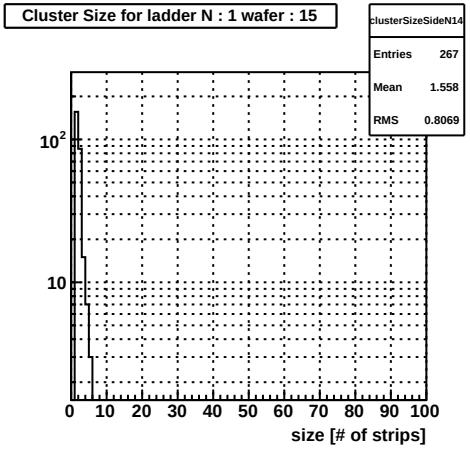

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 261
Mean 1.49
RMS 0.7956
size [# of strips]

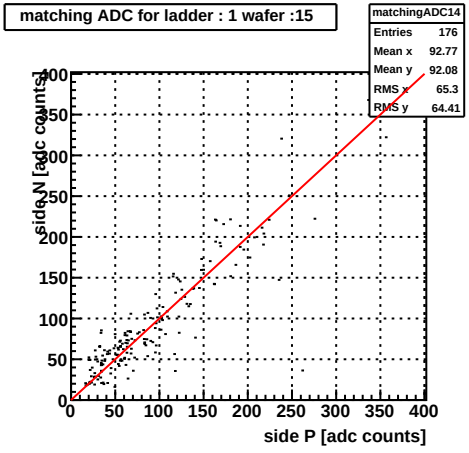

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 161
Mean x 94.74
Mean y 87.1
RMS x 60.59
RMS y 57.71
side N [adc counts]
side P [adc counts]

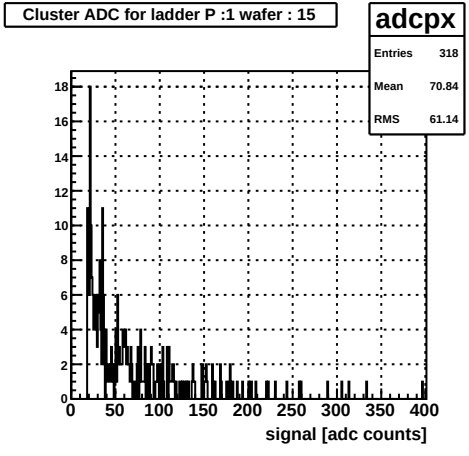

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 253
Mean 79.03
RMS 67.23
signal [adc counts]

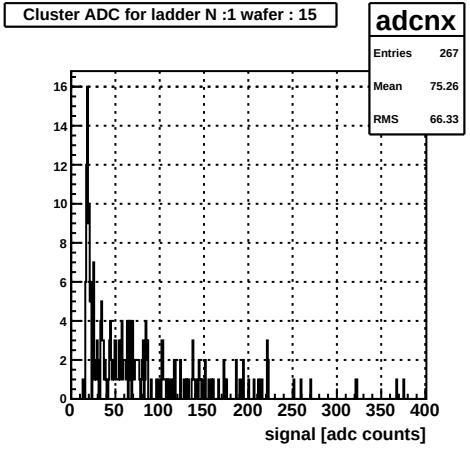

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 261
Mean 70.88
RMS 61.39
signal [adc counts]

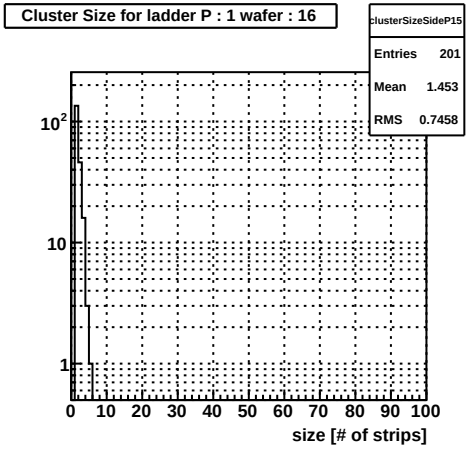

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 318
Mean 1.399
RMS 0.7188
size [# of strips]

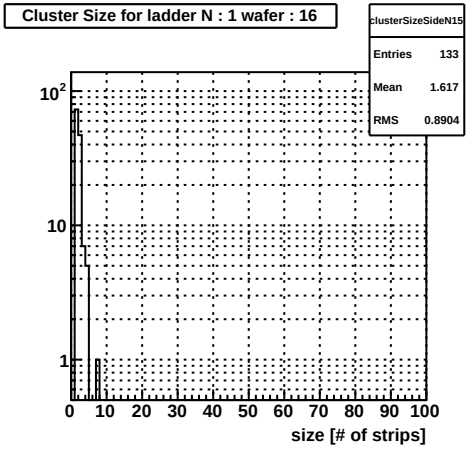

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 267
Mean 1.558
RMS 0.8069
size [# of strips]

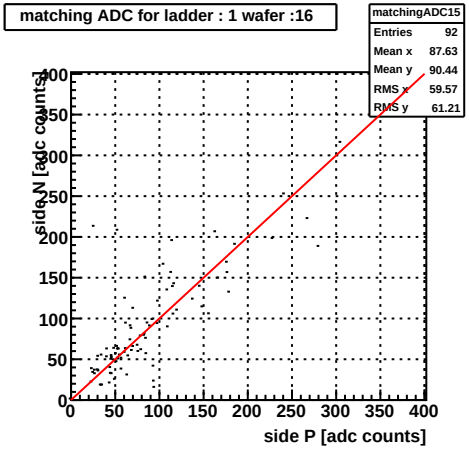

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 176
Mean x 92.77
Mean y 92.08
RMS x 65.3
RMS y 64.41
side N [adc counts]
side P [adc counts]

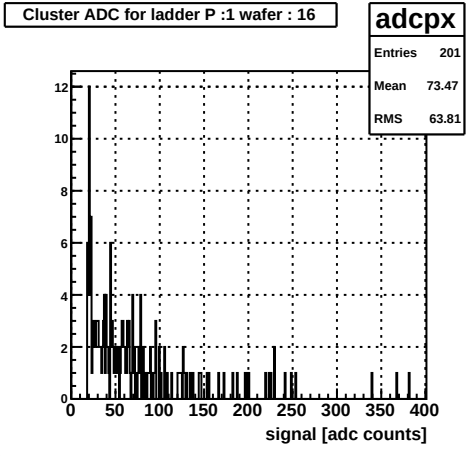

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 318
Mean 70.84
RMS 61.14
signal [adc counts]

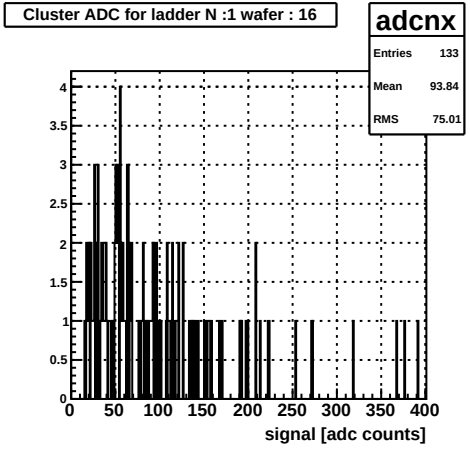

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 267
Mean 75.26
RMS 66.33
signal [adc counts]

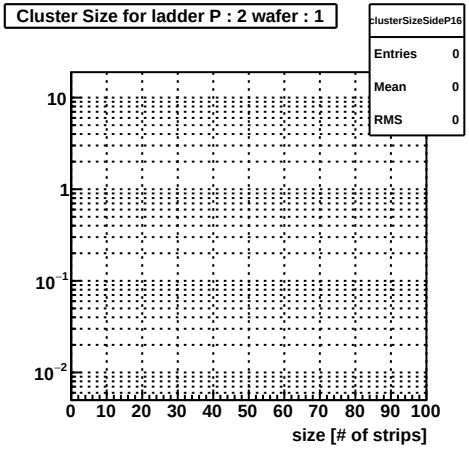

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 201
Mean 1.453
RMS 0.7458
size [# of strips]

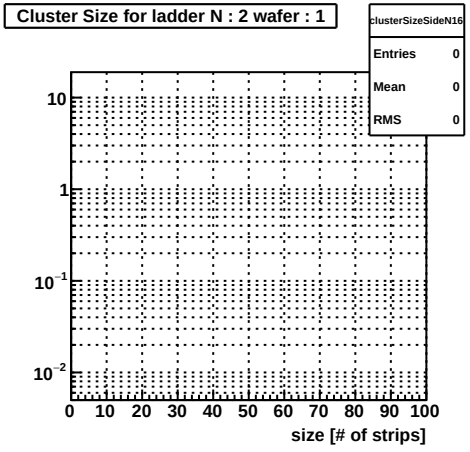

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 133
Mean 1.617
RMS 0.8904
size [# of strips]

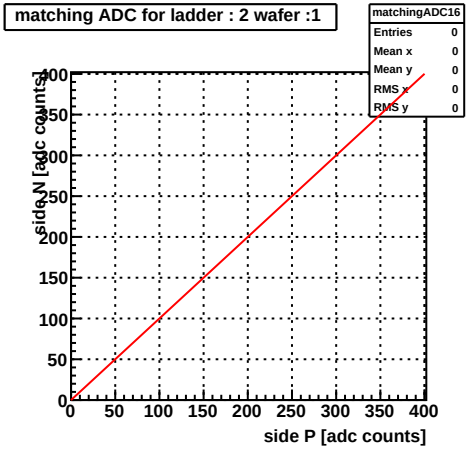

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 92
Mean x 87.63
Mean y 90.44
RMS x 59.57
RMS y 61.21
side N [adc counts]
side P [adc counts]

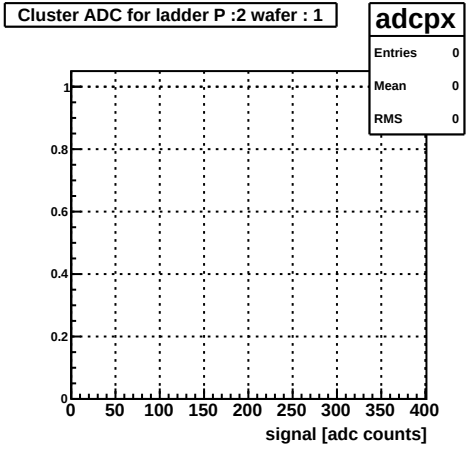

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 201
Mean 73.47
RMS 63.81
signal [adc counts]

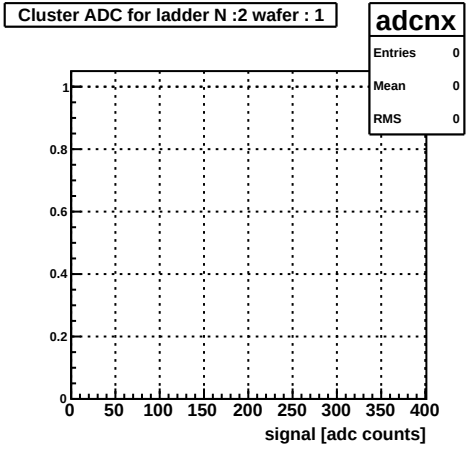

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 133
Mean 93.84
RMS 75.01
signal [adc counts]

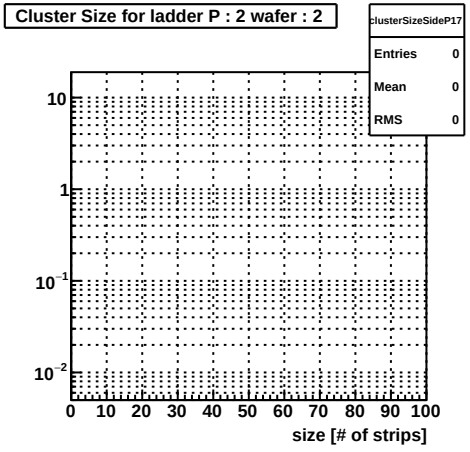

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

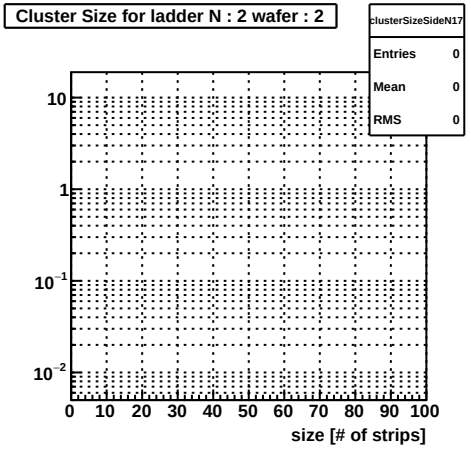

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

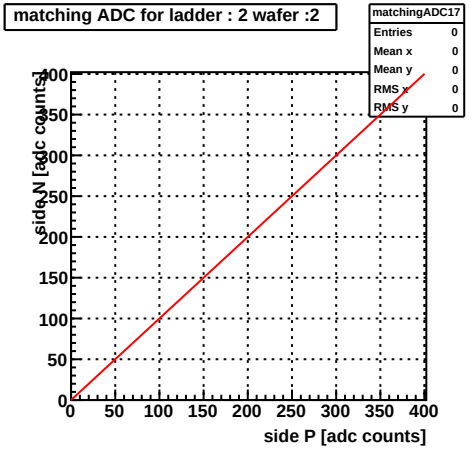

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

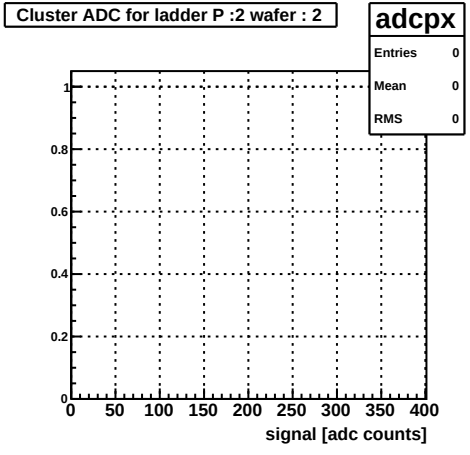

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

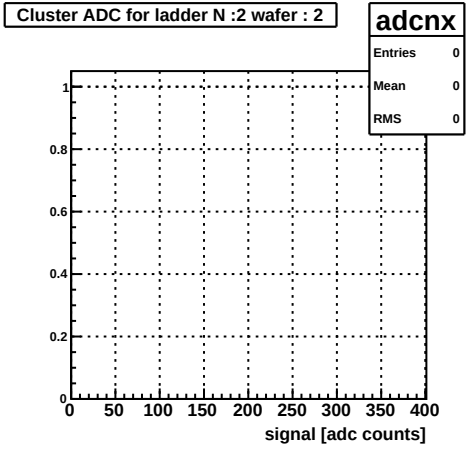

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

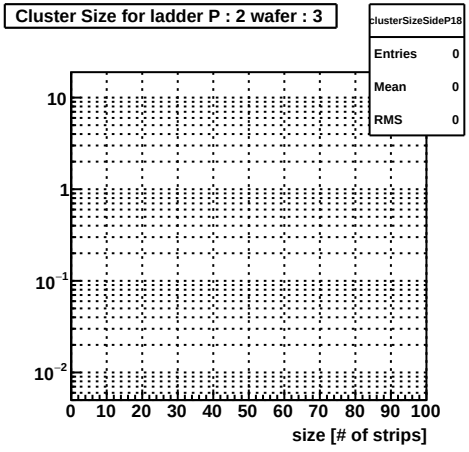

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

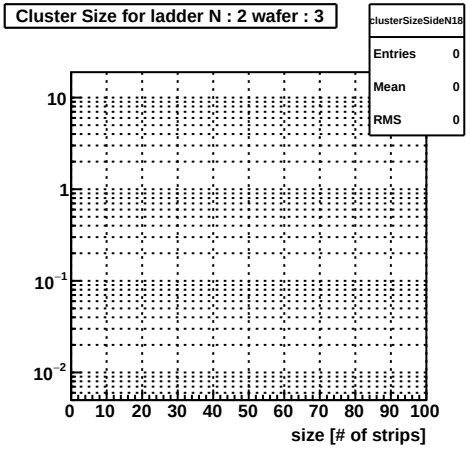

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

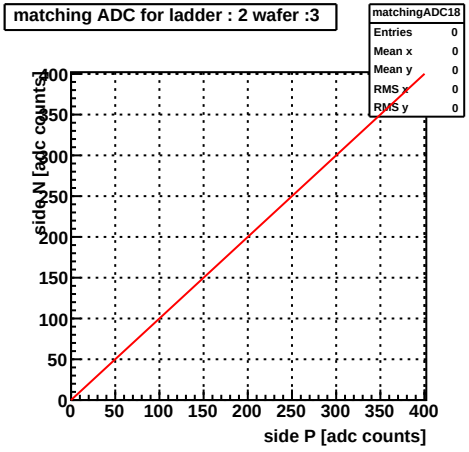

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

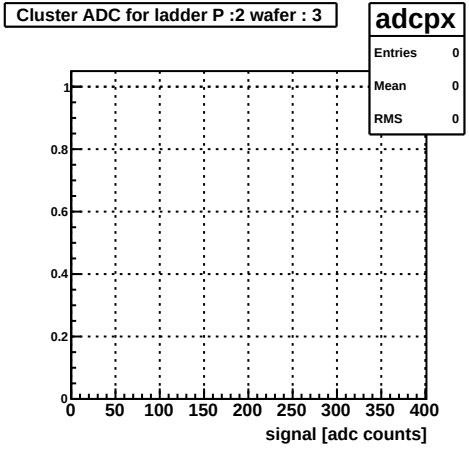

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

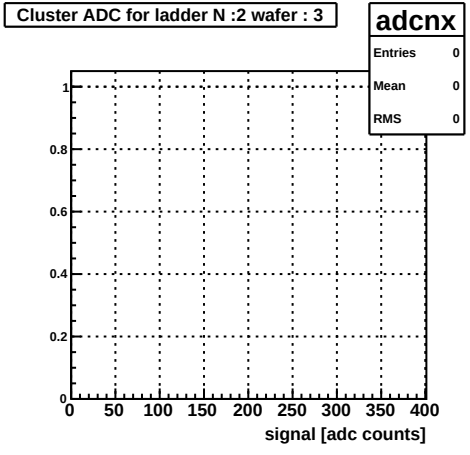

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

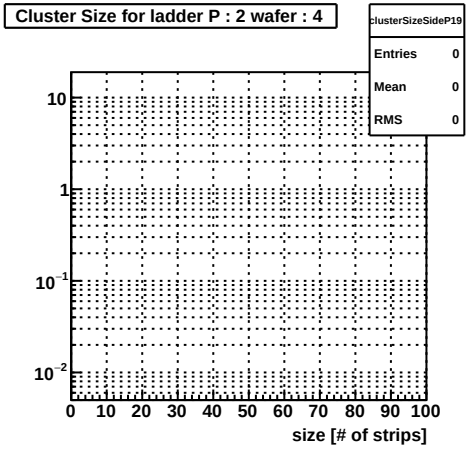

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

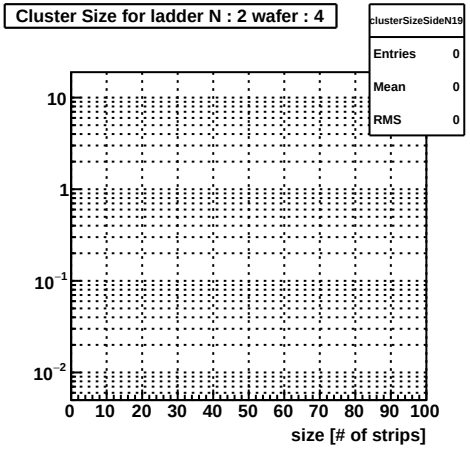

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

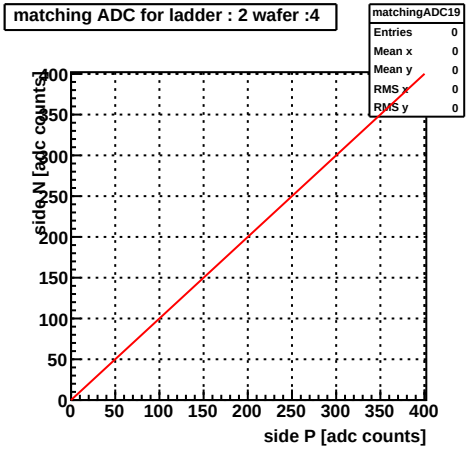

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

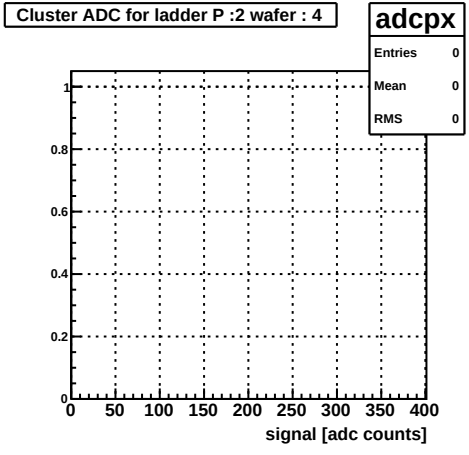

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

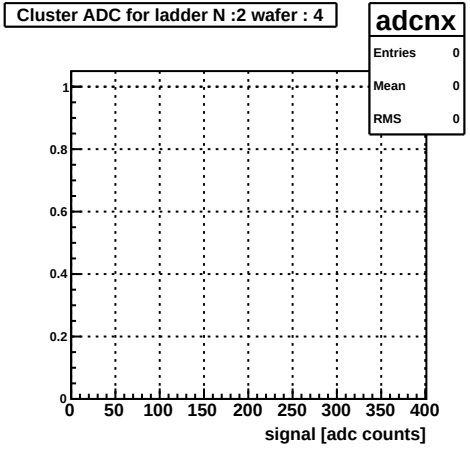

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

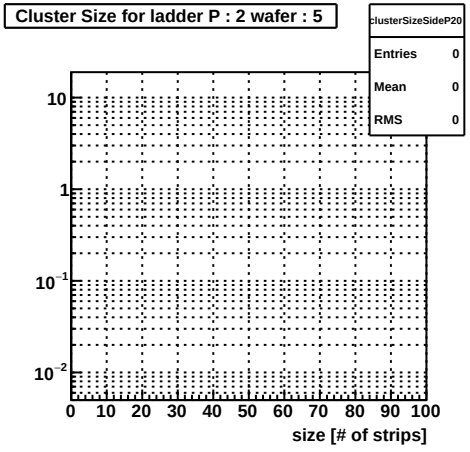

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

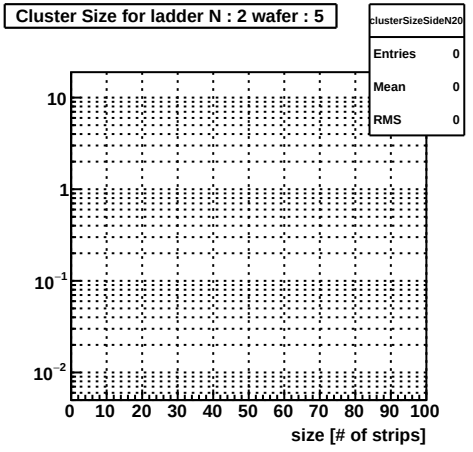

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

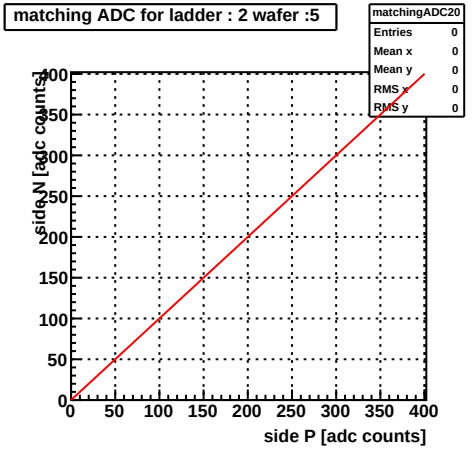

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

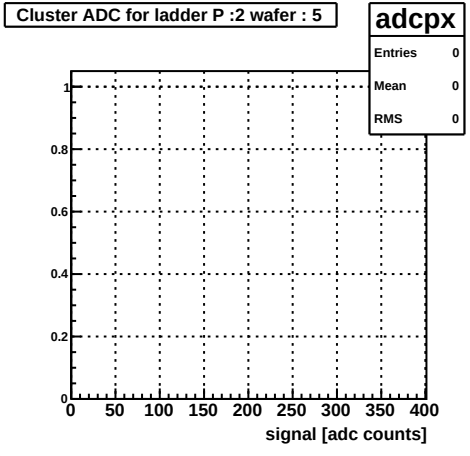

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

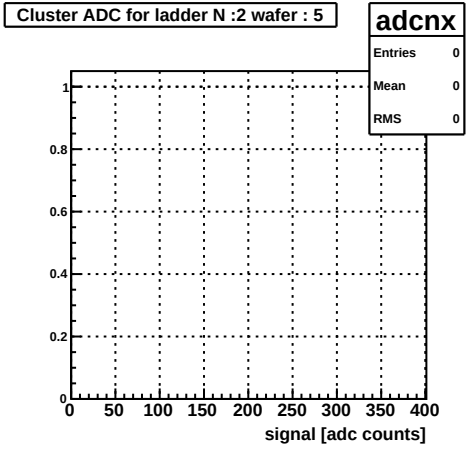

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

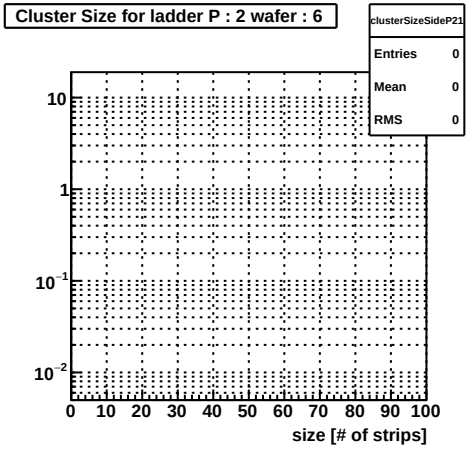

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

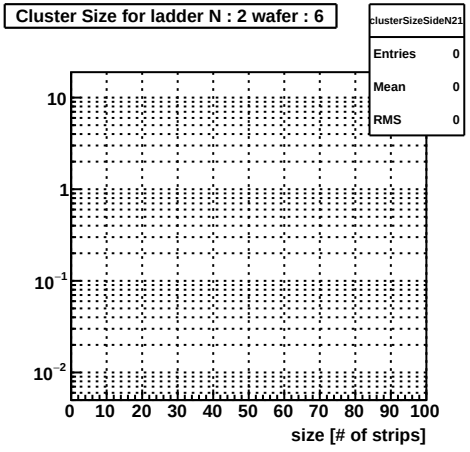

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

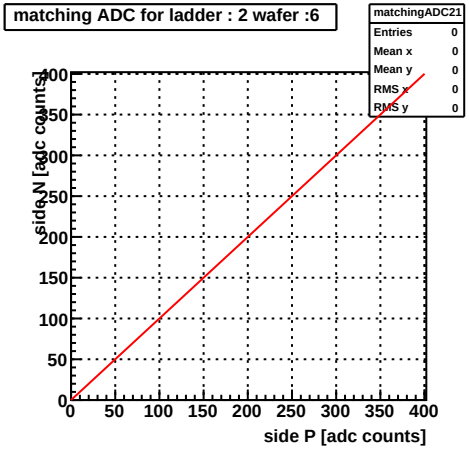

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

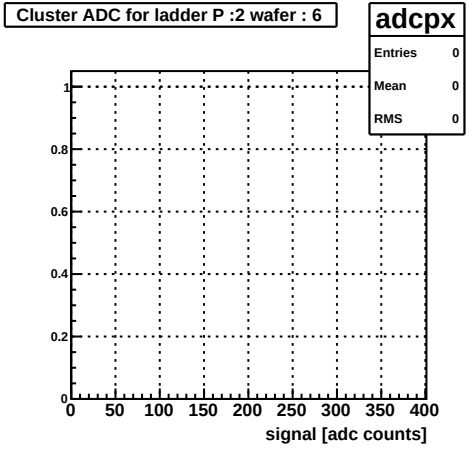

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

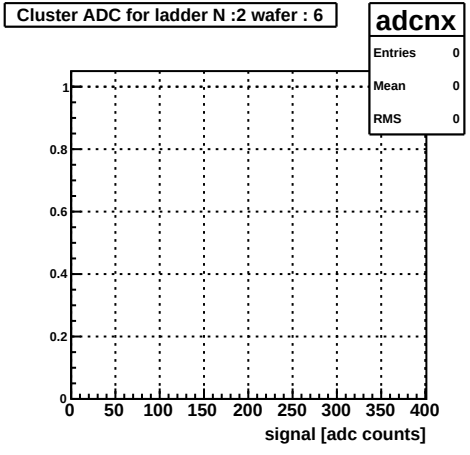

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

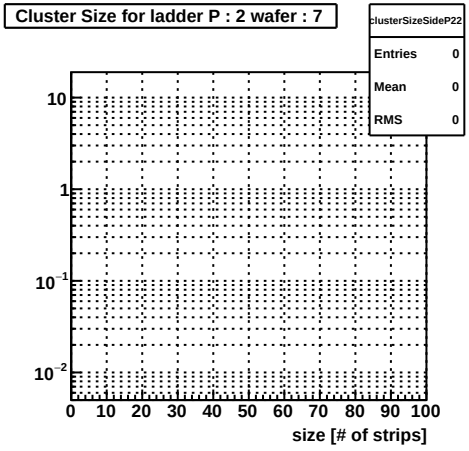

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

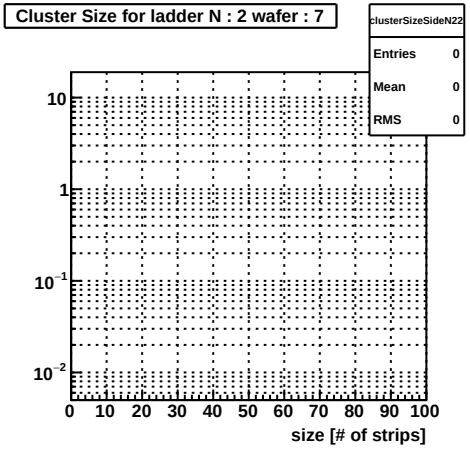

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

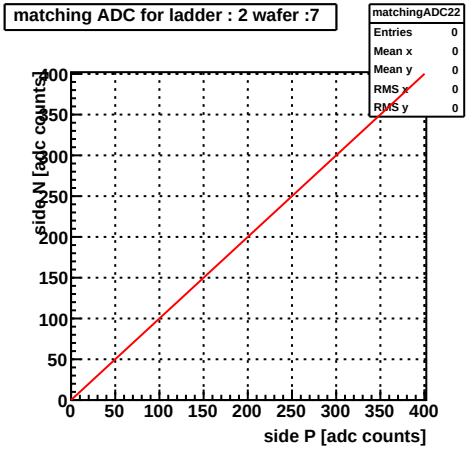

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

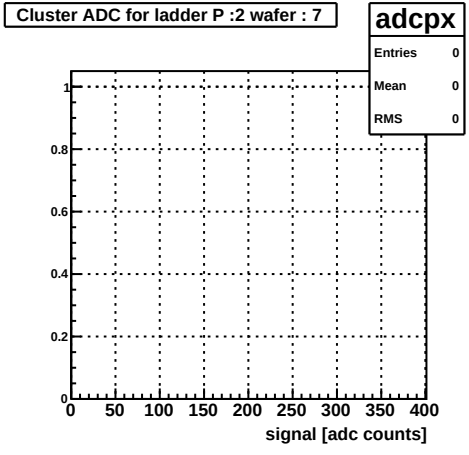

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

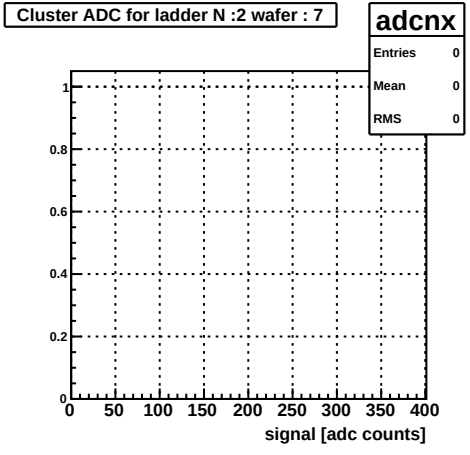

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

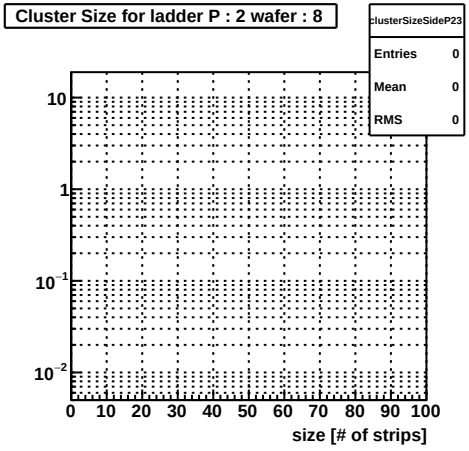

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

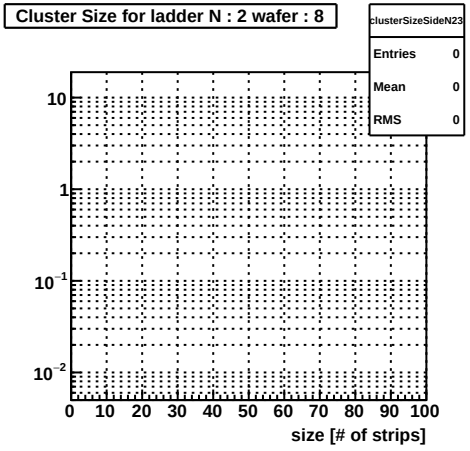

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

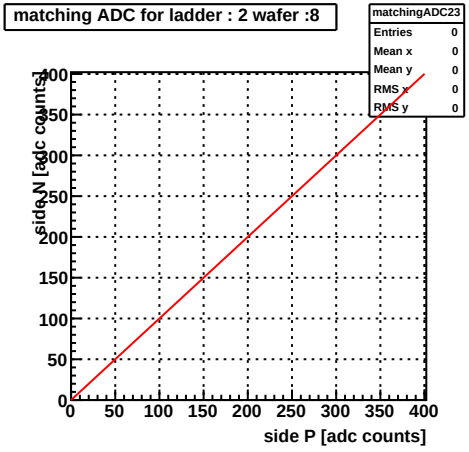

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

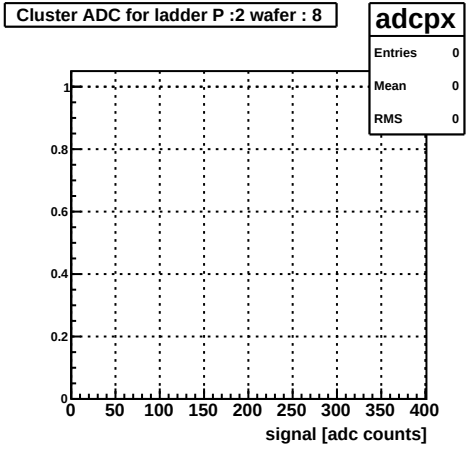

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

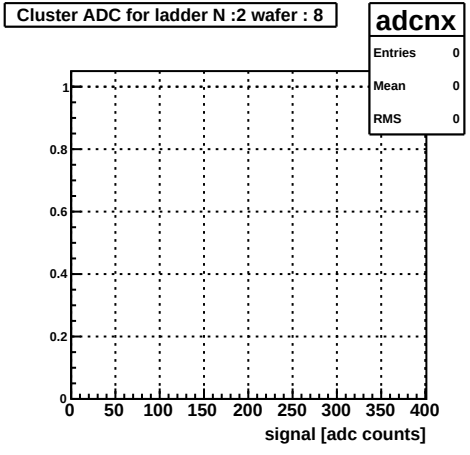

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

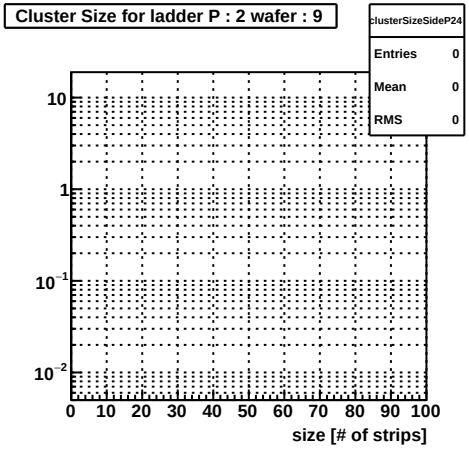

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

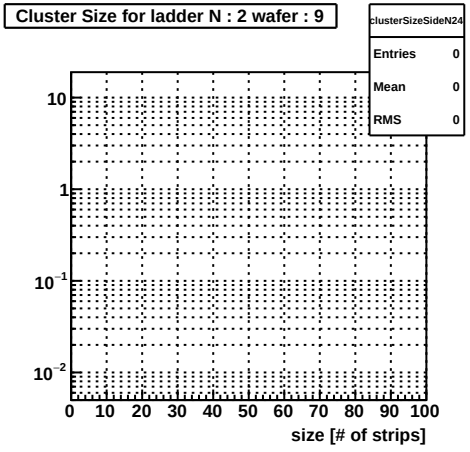

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

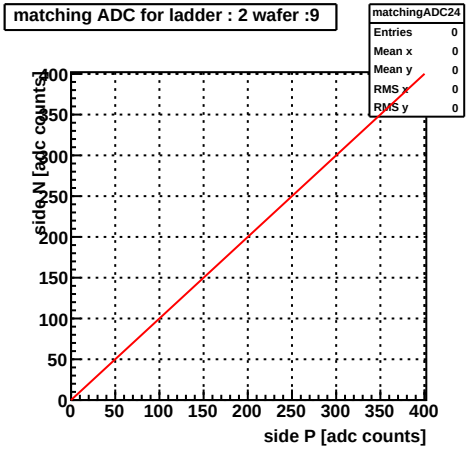

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

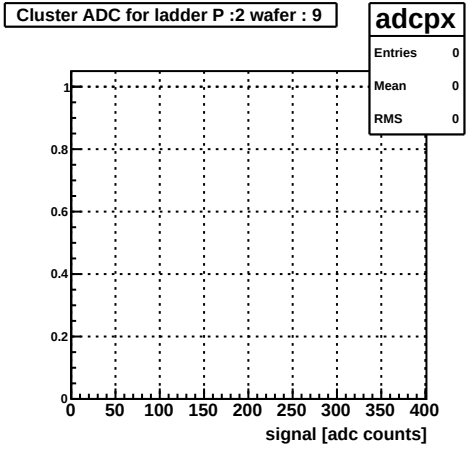

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

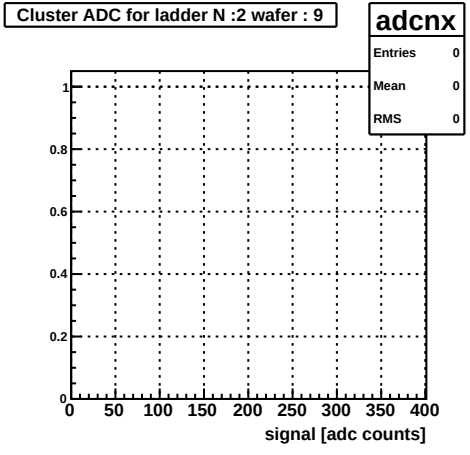

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

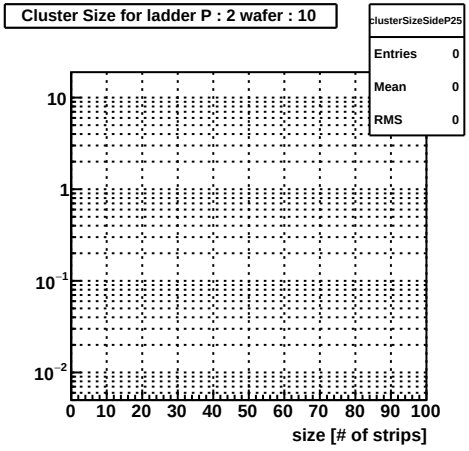

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

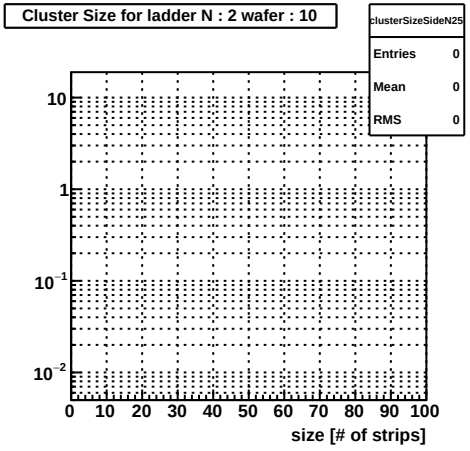

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

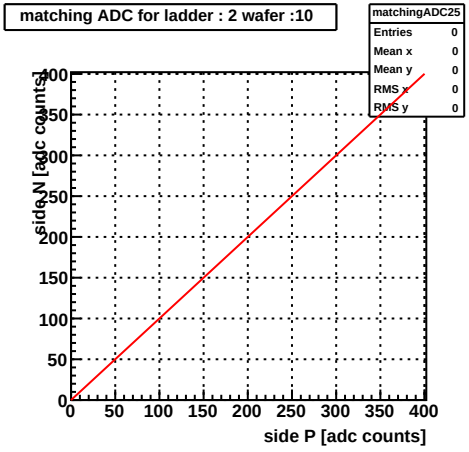

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

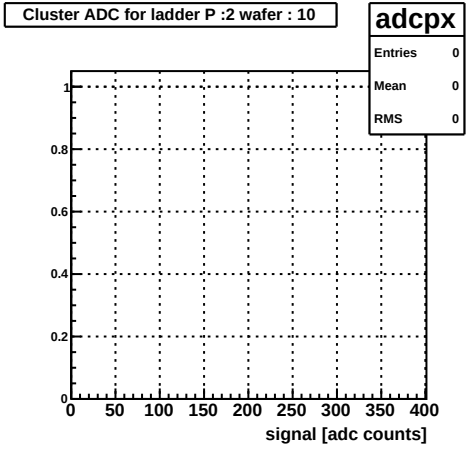

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

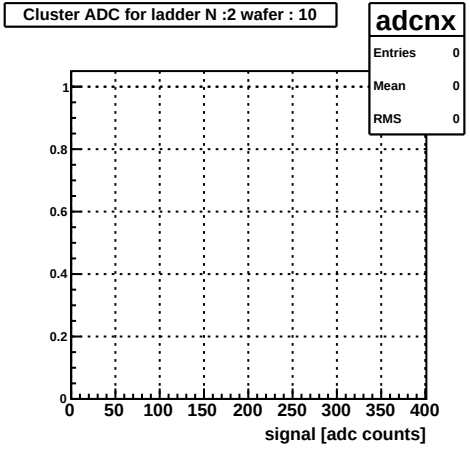

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

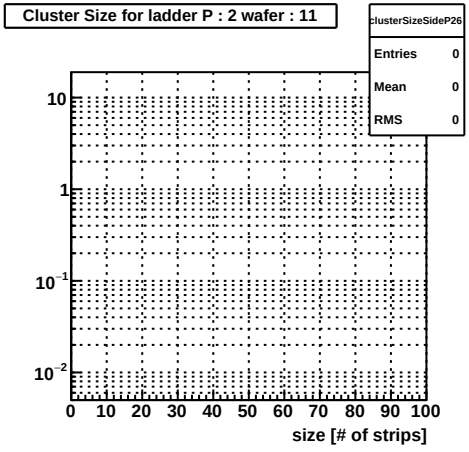

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

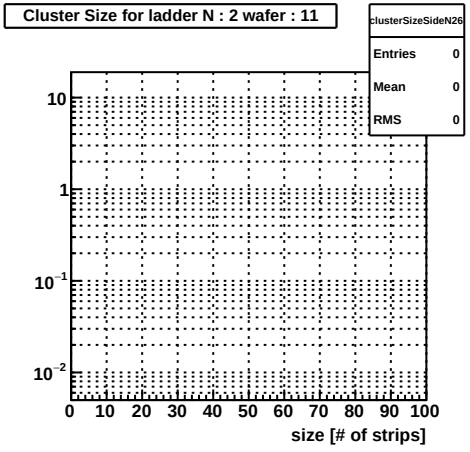

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

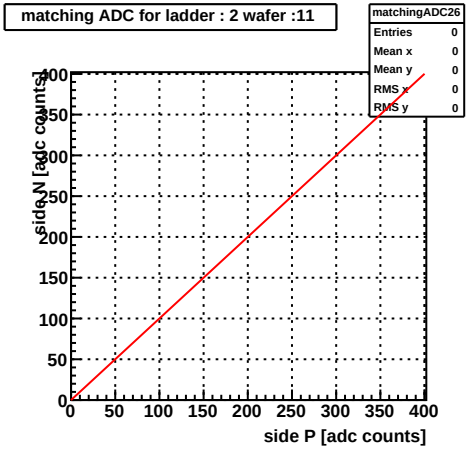

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

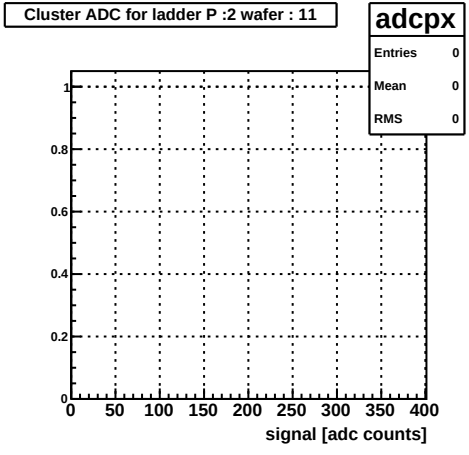

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

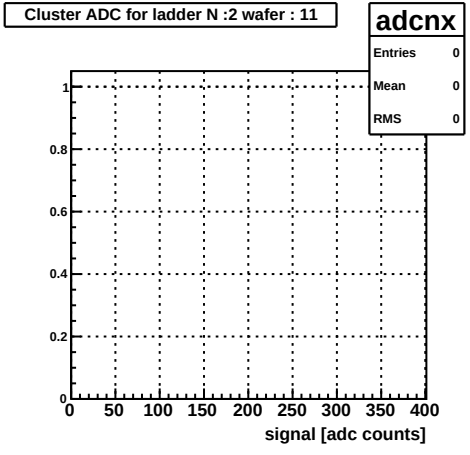

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

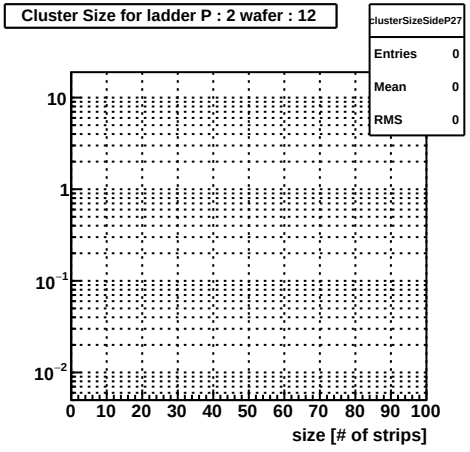

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

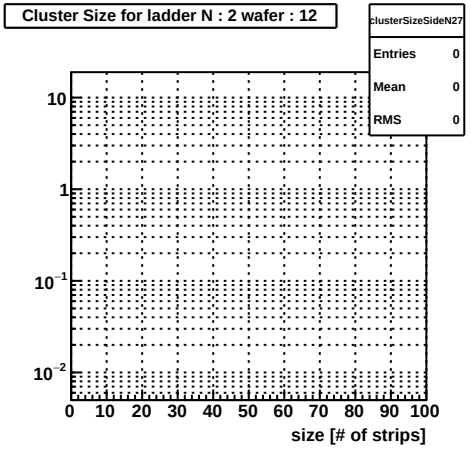

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

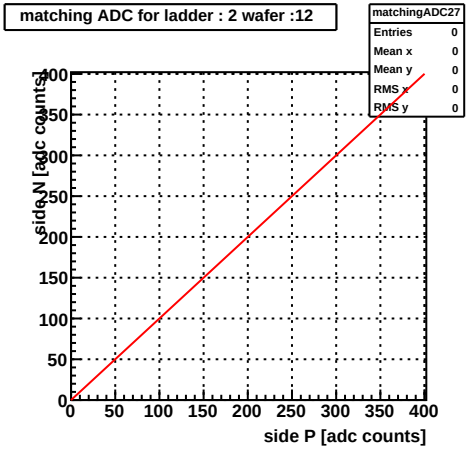

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

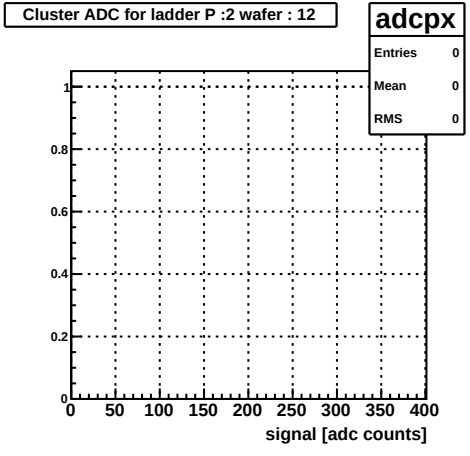

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

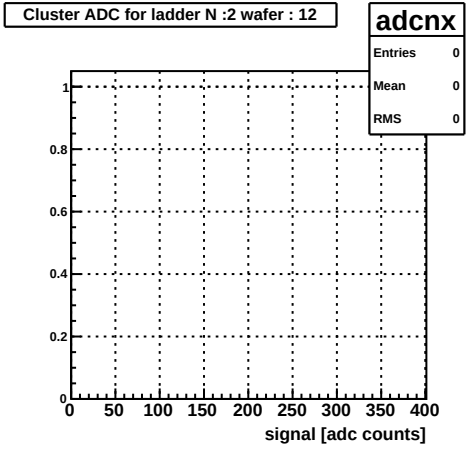

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

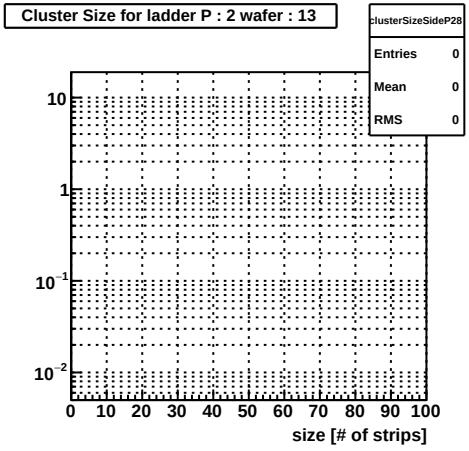

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

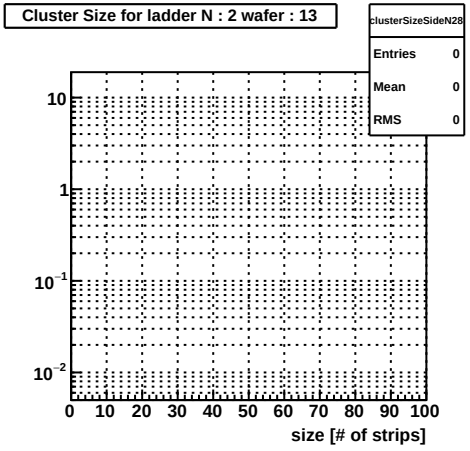

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

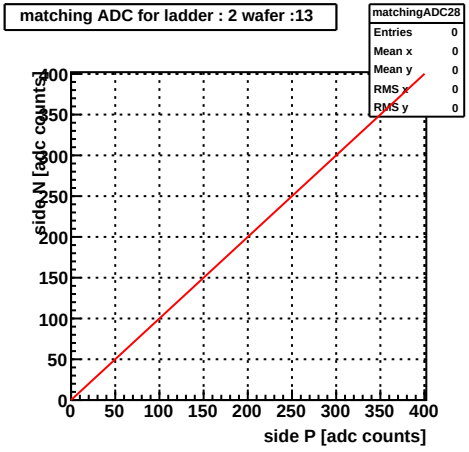

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

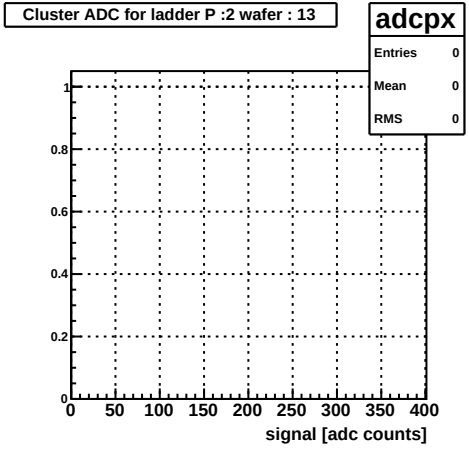

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

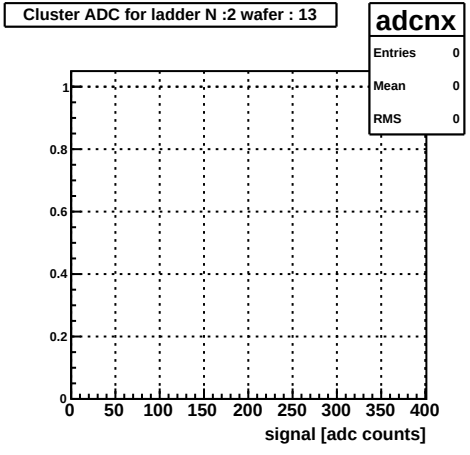

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

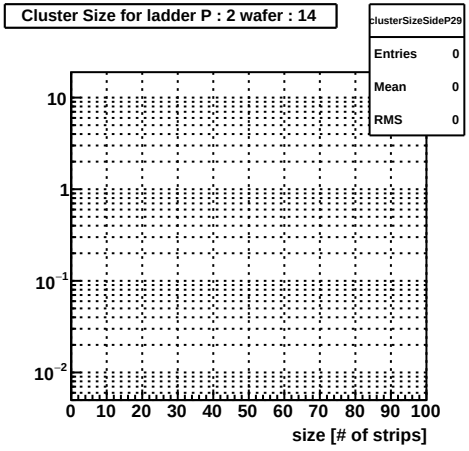

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

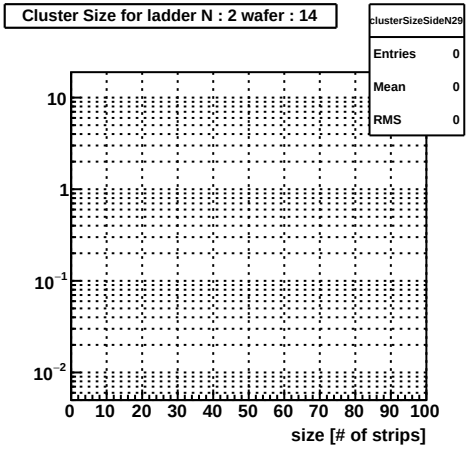

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

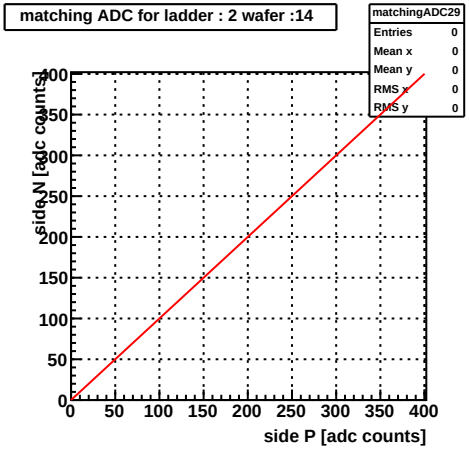

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

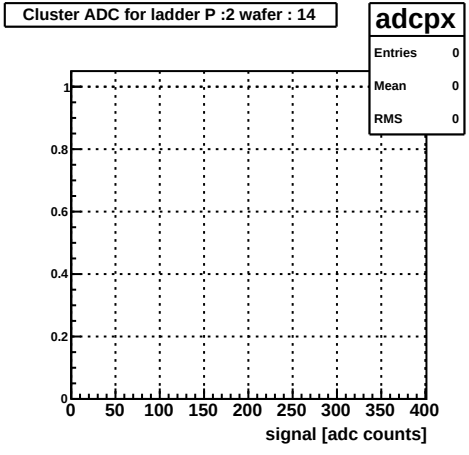

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

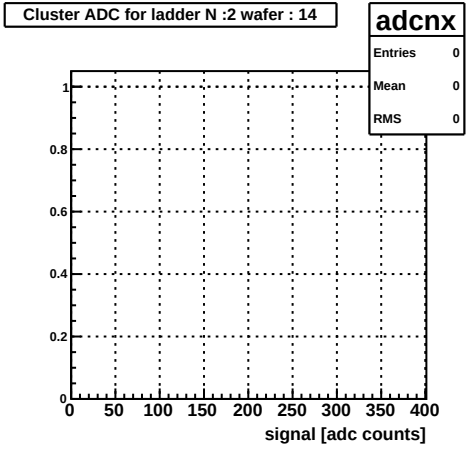

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

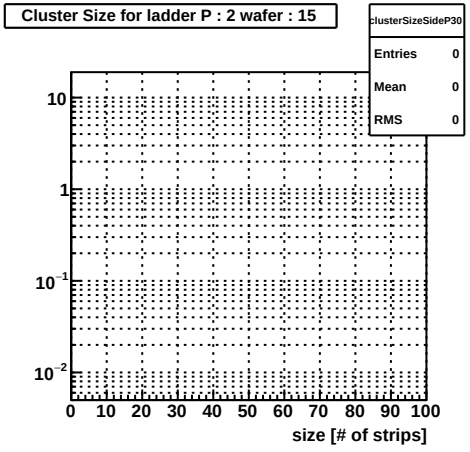

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

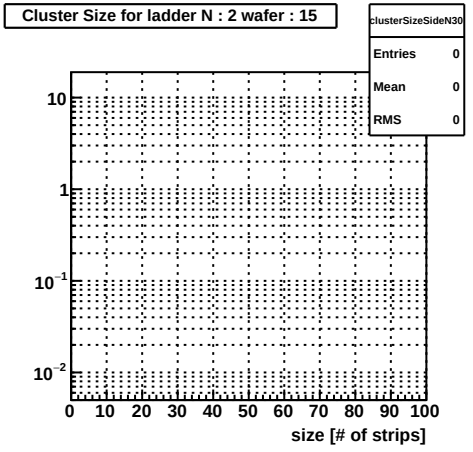

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

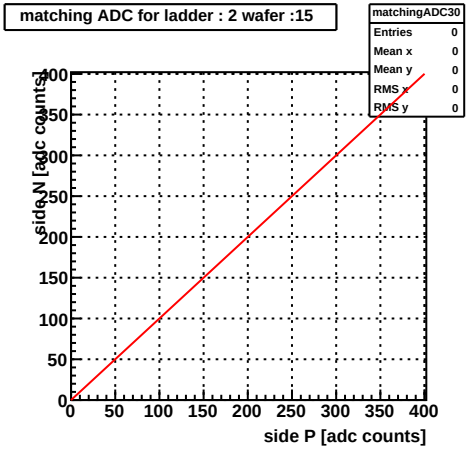

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

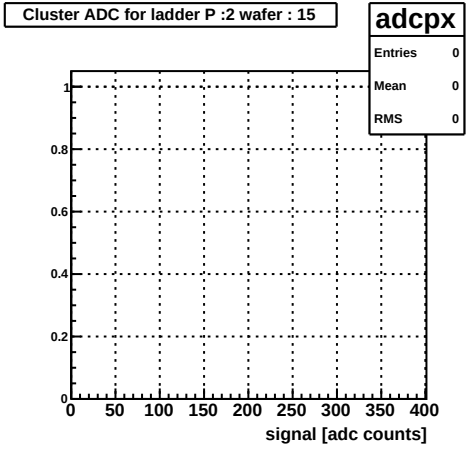

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

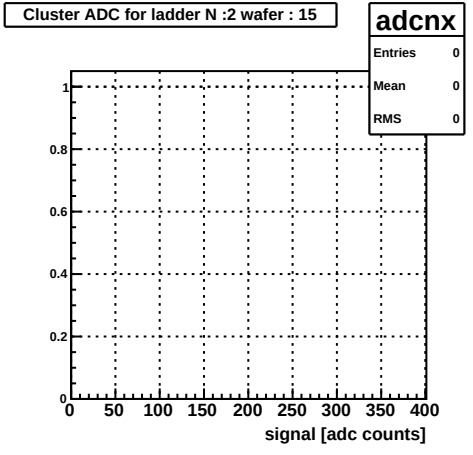

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

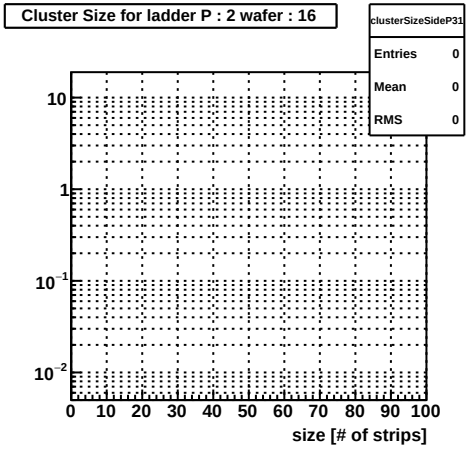

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

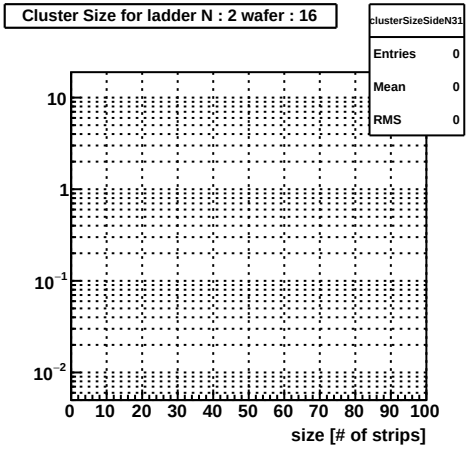

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

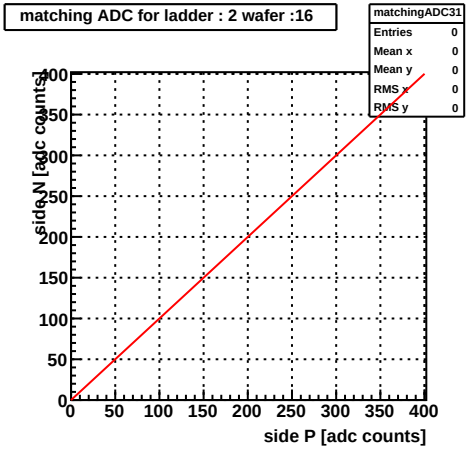

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

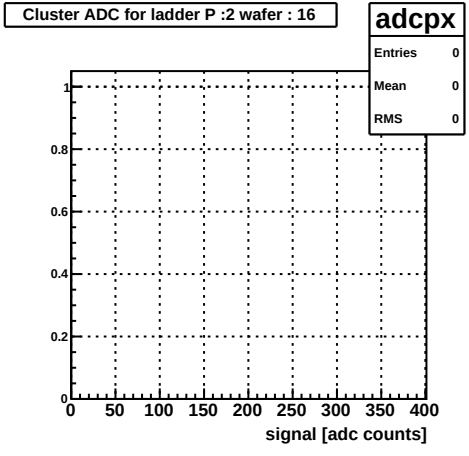

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

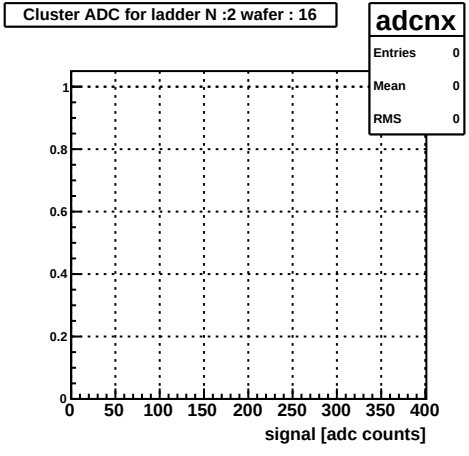

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

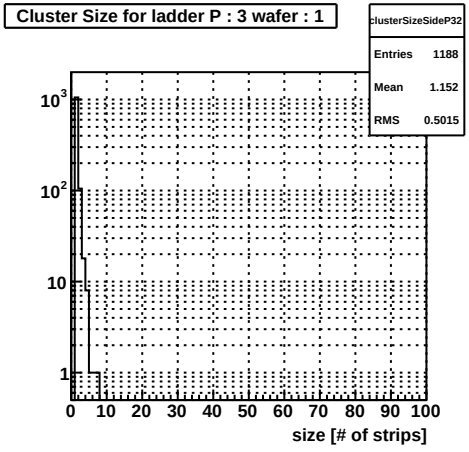

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

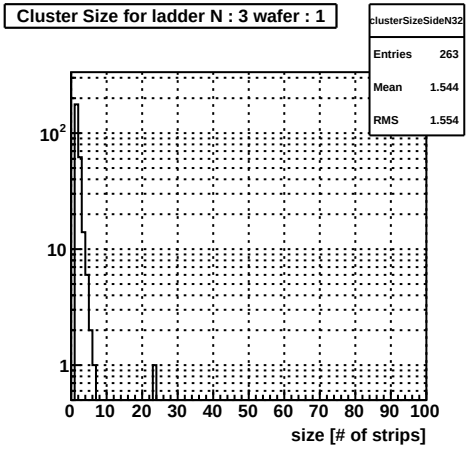

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

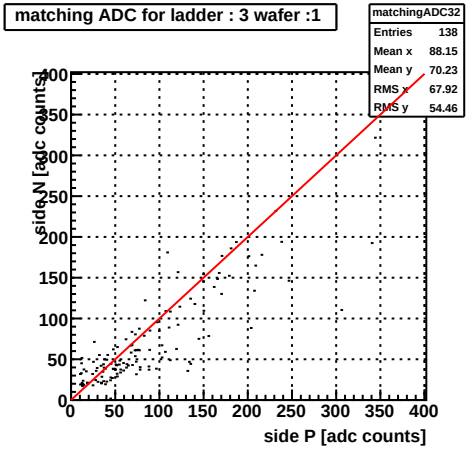

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

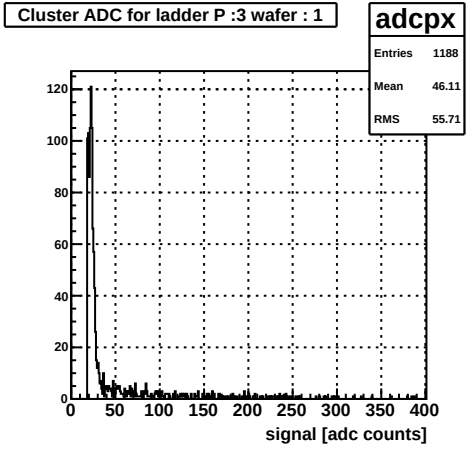

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

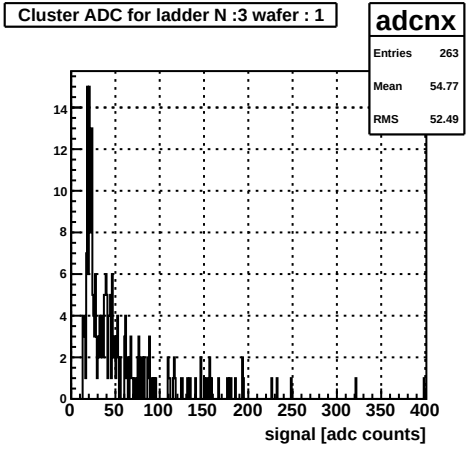

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

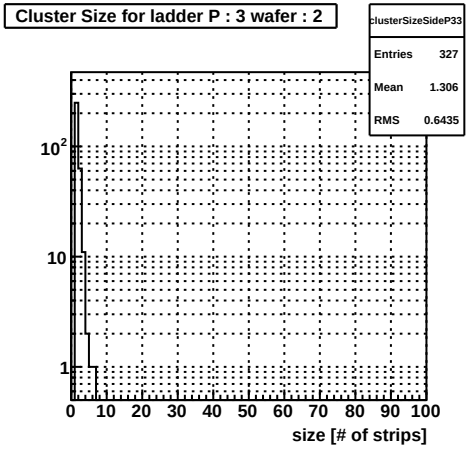

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 1188
Mean 1.152
RMS 0.5015
size [# of strips]

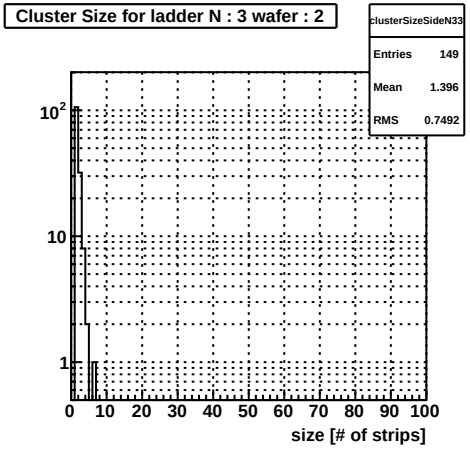

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 263
Mean 1.544
RMS 1.554
size [# of strips]

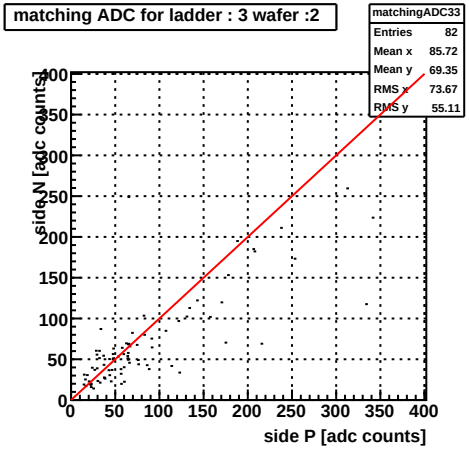

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 138
Mean x 88.15
Mean y 70.23
RMS x 67.92
RMS y 54.46
side N [adc counts]
side P [adc counts]

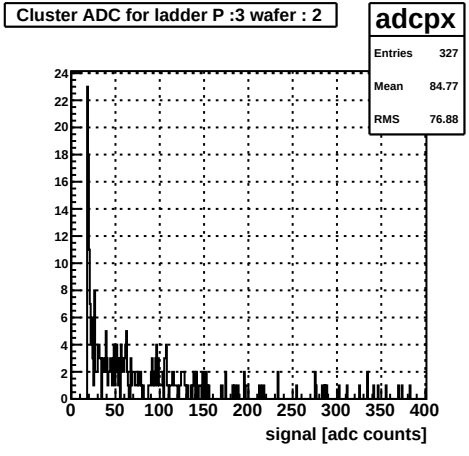

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 1188
Mean 46.11
RMS 55.71
signal [adc counts]

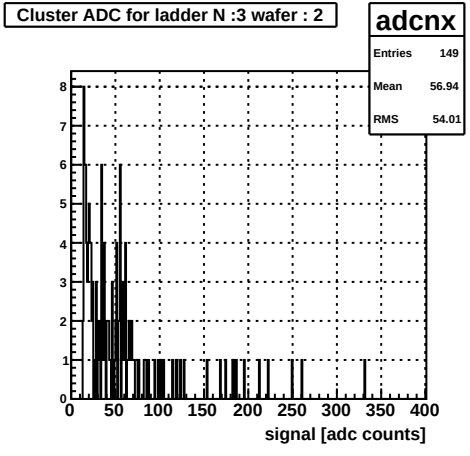

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 263
Mean 54.77
RMS 52.49
signal [adc counts]

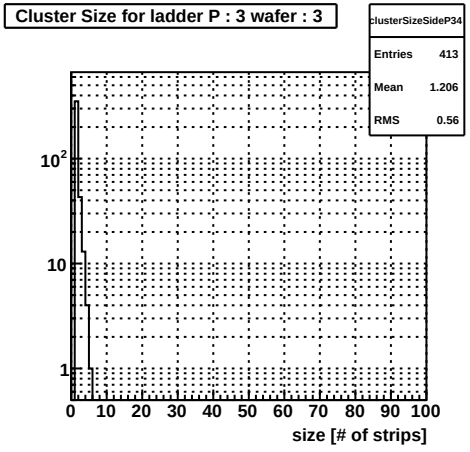

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 327
Mean 1.306
RMS 0.6435
size [# of strips]

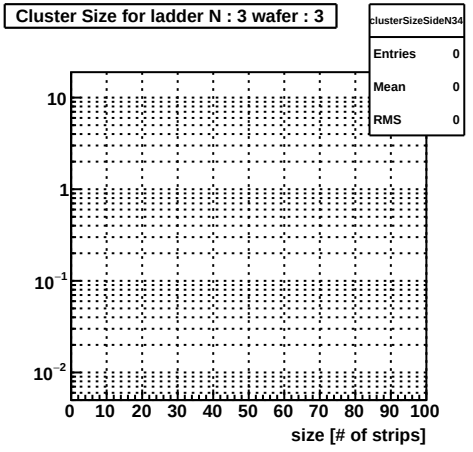

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 149
Mean 1.396
RMS 0.7492
size [# of strips]

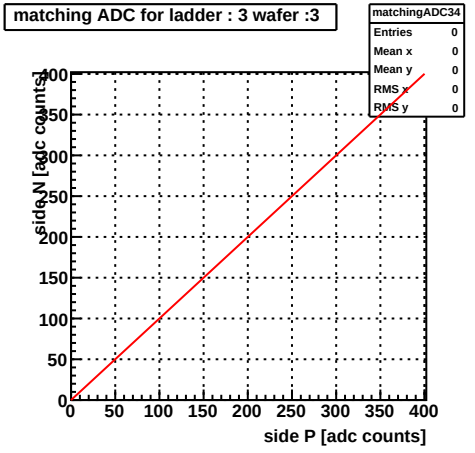

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 82
Mean x 85.72
Mean y 69.35
RMS x 73.67
RMS y 55.11
side N [adc counts]
side P [adc counts]

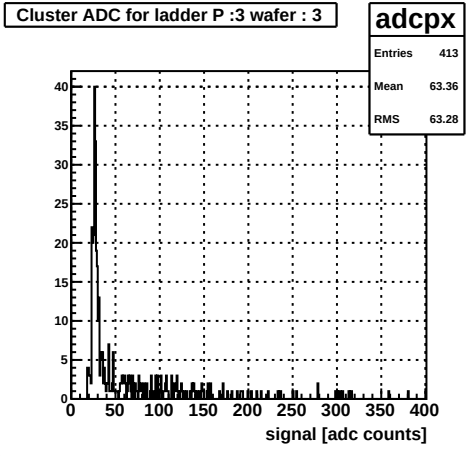

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 327
Mean 84.77
RMS 76.88
signal [adc counts]

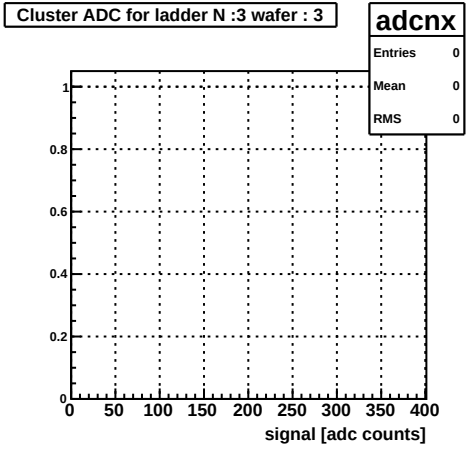

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 149
Mean 56.94
RMS 54.01
signal [adc counts]

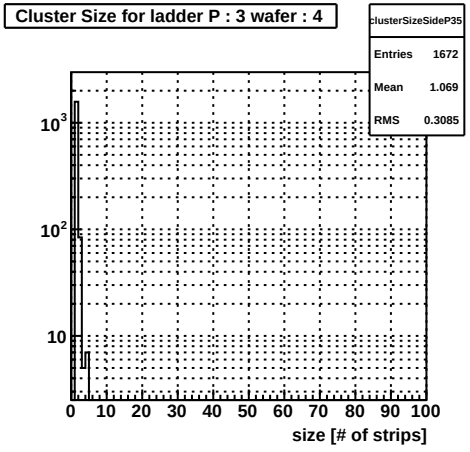

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 413
Mean 1.206
RMS 0.56
size [# of strips]

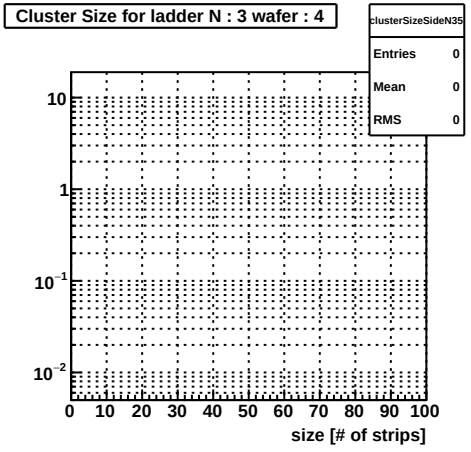

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

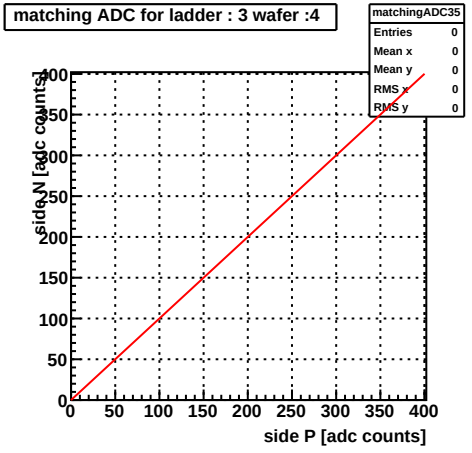

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

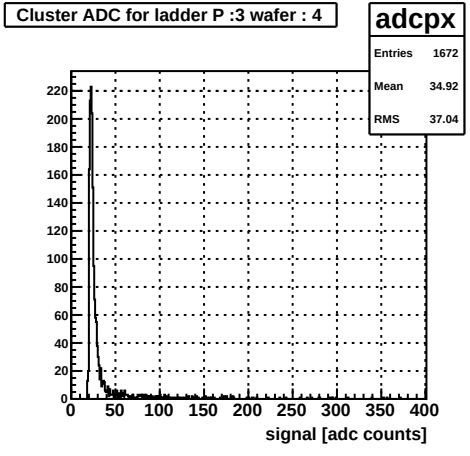

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 413
Mean 63.36
RMS 63.28
signal [adc counts]

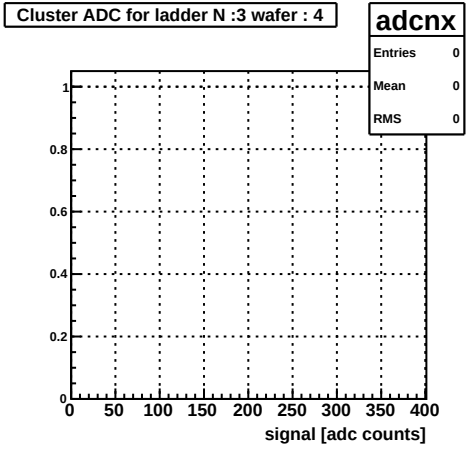

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

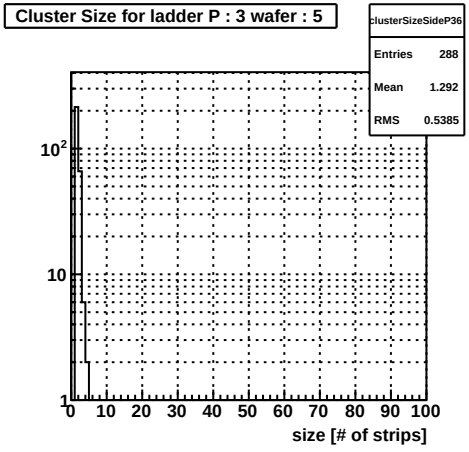

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 1672
Mean 1.069
RMS 0.3085
size [# of strips]

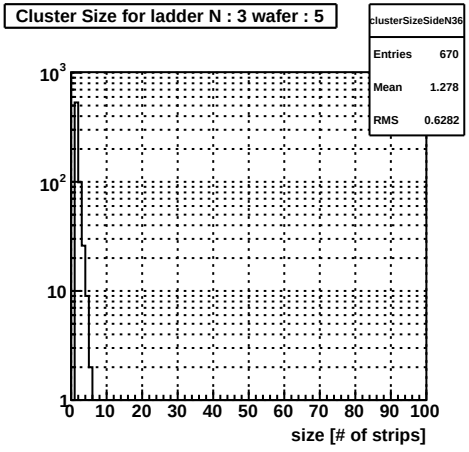

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

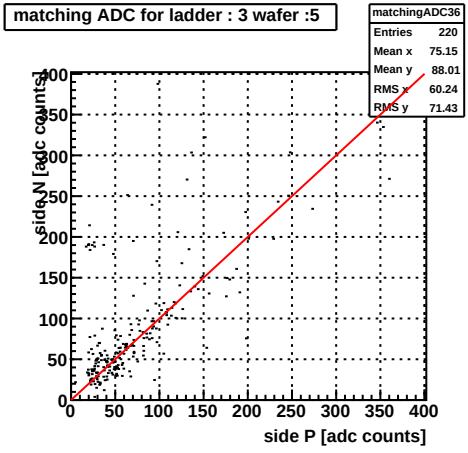

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

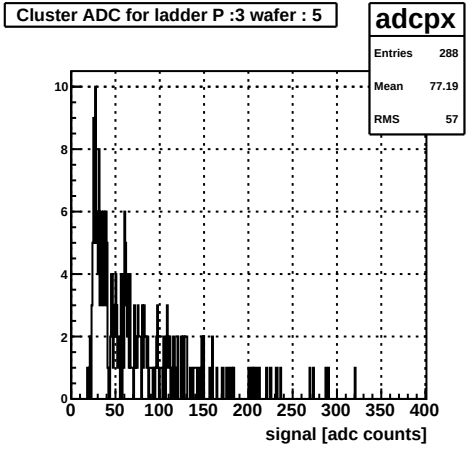

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 1672
Mean 34.92
RMS 37.04
signal [adc counts]

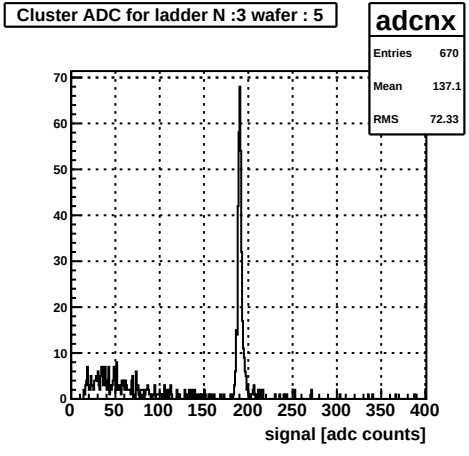

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

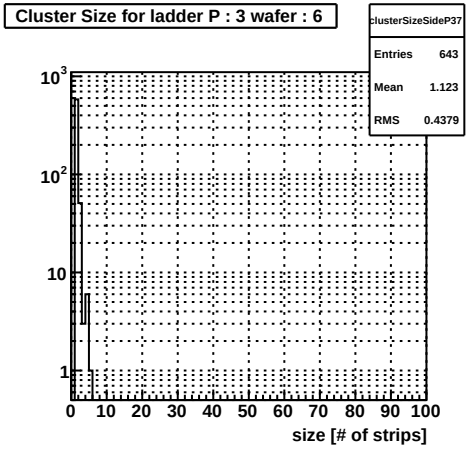

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 288
Mean 1.292
RMS 0.5385
size [# of strips]

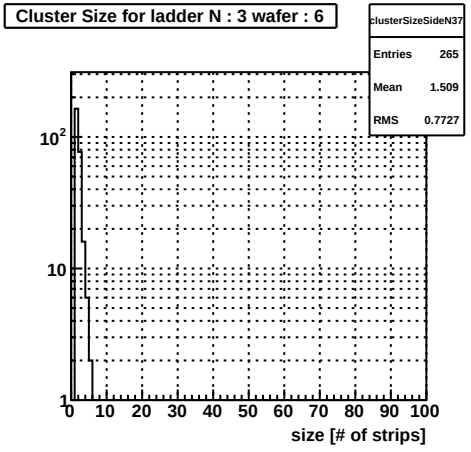

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 670
Mean 1.278
RMS 0.6282
size [# of strips]

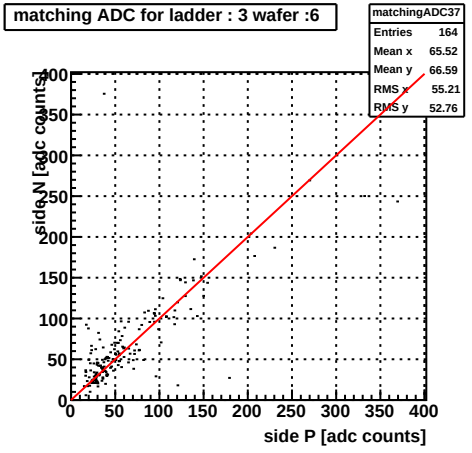

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 220
Mean x 75.15
Mean y 88.01
RMS x 60.24
RMS y 71.43
side N [adc counts]
side P [adc counts]

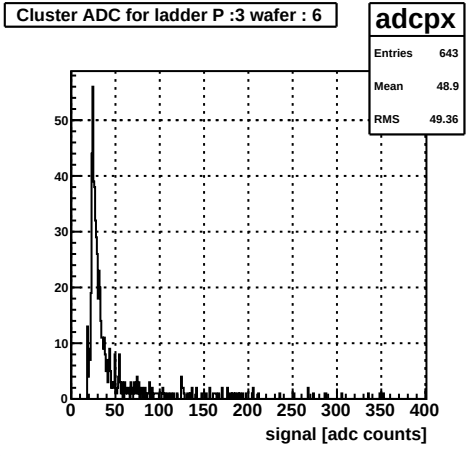

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 288
Mean 77.19
RMS 57
signal [adc counts]

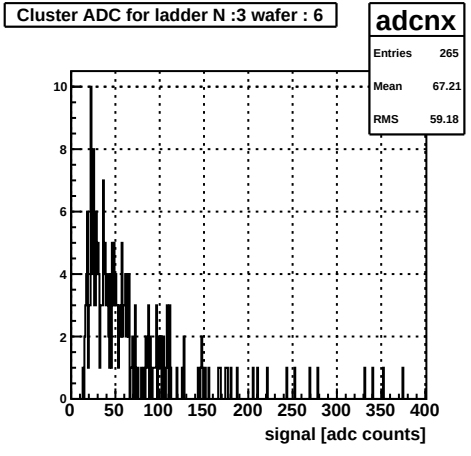

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 670
Mean 137.1
RMS 72.33
signal [adc counts]

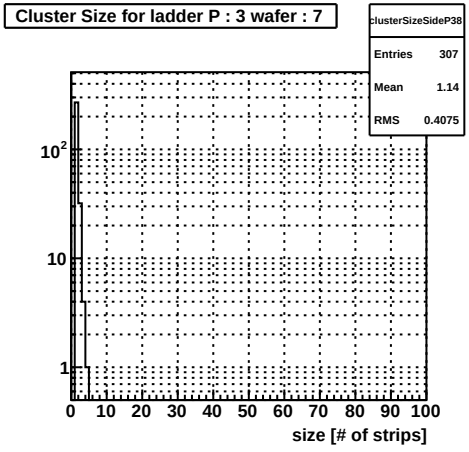

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 643
Mean 1.123
RMS 0.4379
size [# of strips]

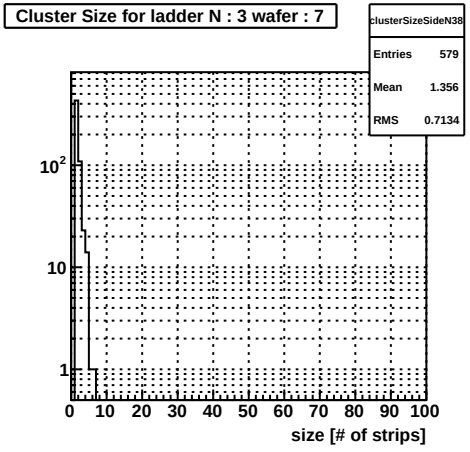

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 265
Mean 1.509
RMS 0.7727
size [# of strips]

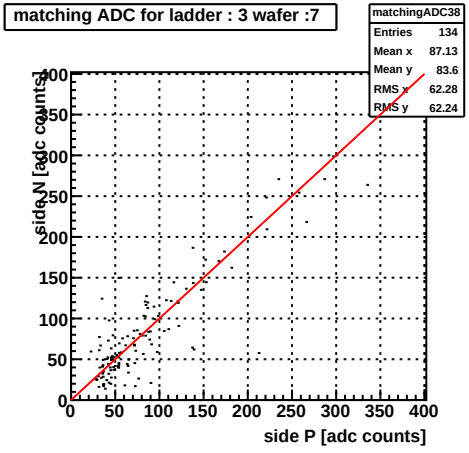

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 164
Mean x 65.52
Mean y 66.59
RMS x 55.21
RMS y 52.76
side N [adc counts]
side P [adc counts]

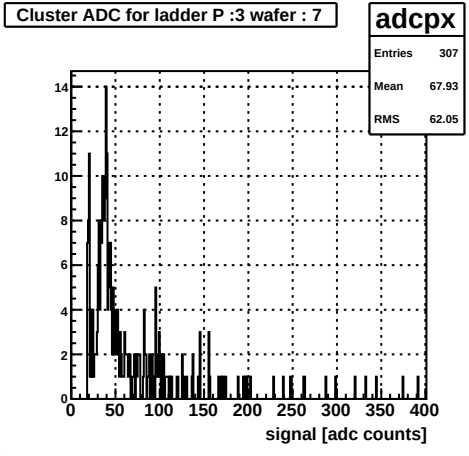

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 643
Mean 48.9
RMS 49.36
signal [adc counts]

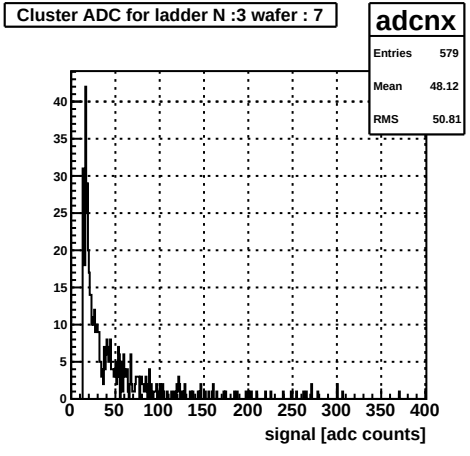

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 265
Mean 67.21
RMS 59.18
signal [adc counts]

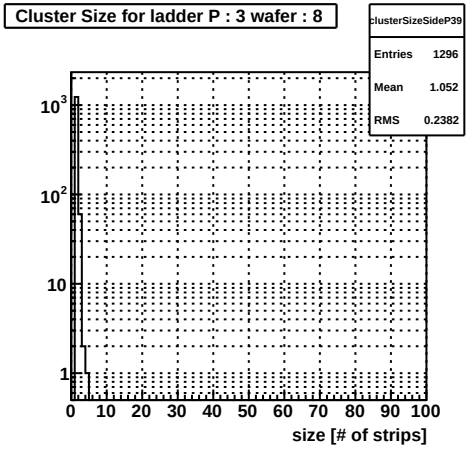

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 307
Mean 1.14
RMS 0.4075
size [# of strips]

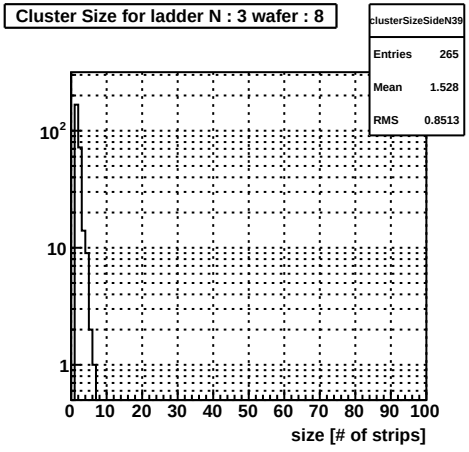

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 579
Mean 1.356
RMS 0.7134
size [# of strips]

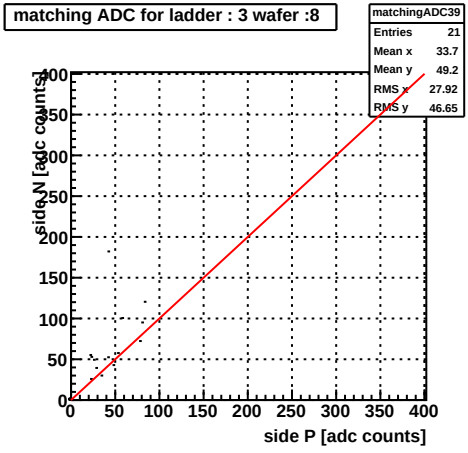

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 134
Mean x 87.13
Mean y 83.6
RMS x 62.28
RMS y 62.24
side N [adc counts]
side P [adc counts]

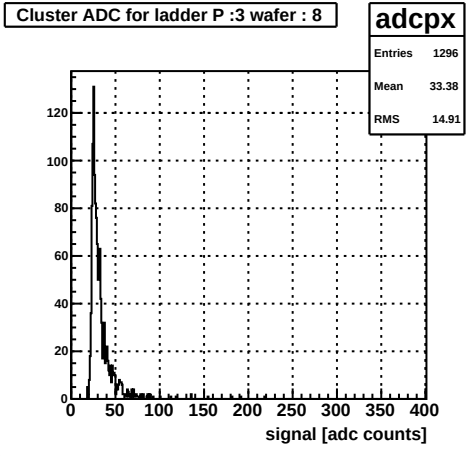

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 307
Mean 67.93
RMS 62.05
signal [adc counts]

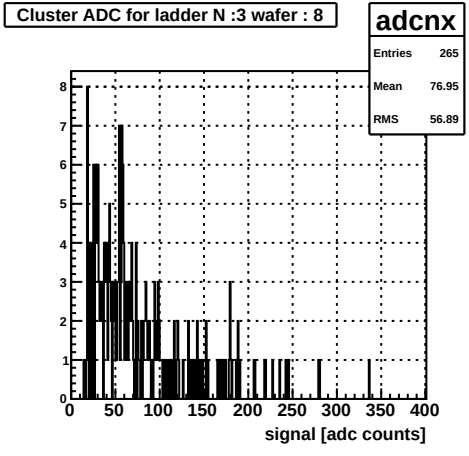

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 579
Mean 48.12
RMS 50.81
signal [adc counts]

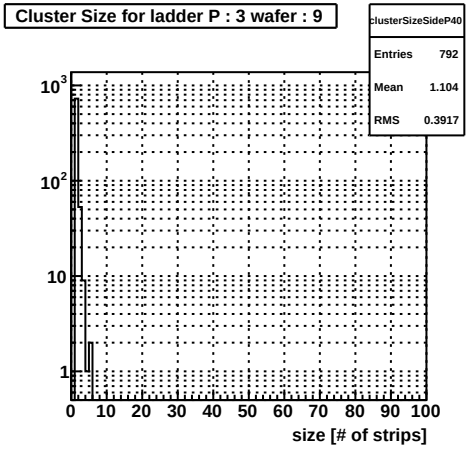

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 1296
Mean 1.052
RMS 0.2382
size [# of strips]

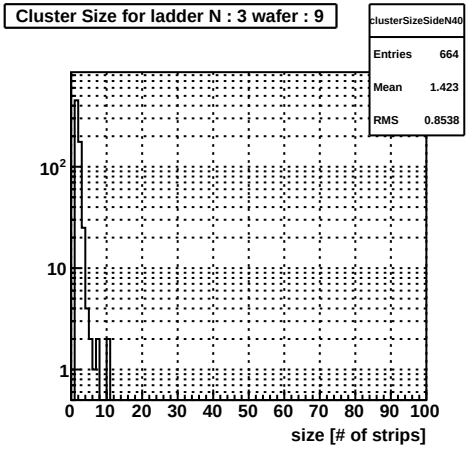

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 265
Mean 1.528
RMS 0.8513
size [# of strips]

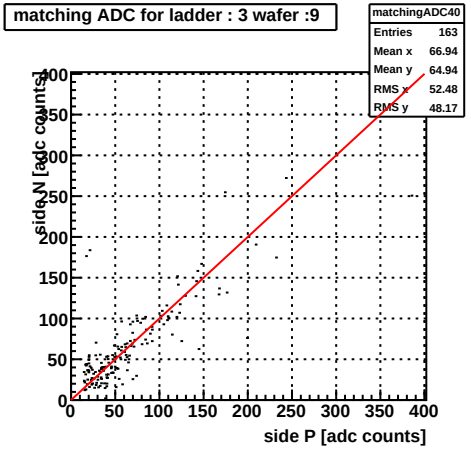

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 21
Mean x 33.7
Mean y 49.2
RMS x 27.92
RMS y 46.65
side N [adc counts]
side P [adc counts]

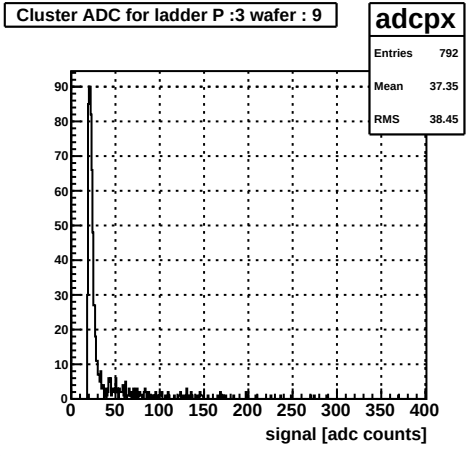

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 1296
Mean 33.38
RMS 14.91
signal [adc counts]

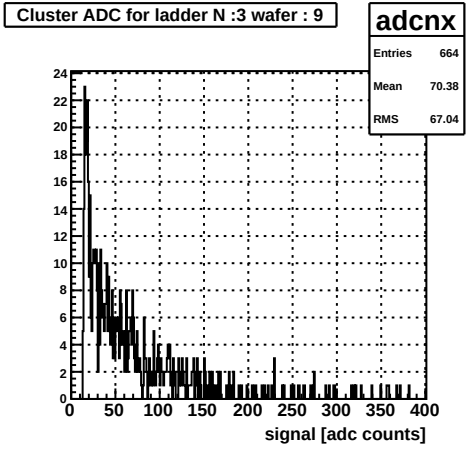

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 265
Mean 76.95
RMS 56.89
signal [adc counts]

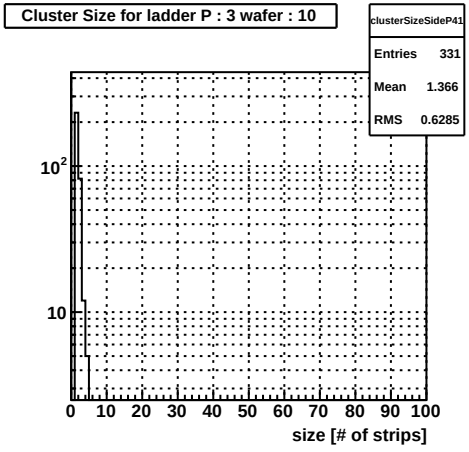

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 792
Mean 1.104
RMS 0.3917
size [# of strips]

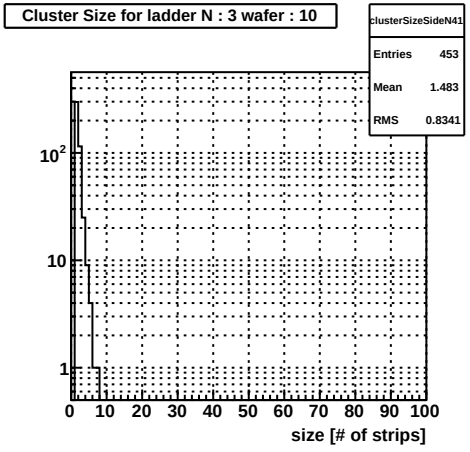

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 664
Mean 1.423
RMS 0.8538
size [# of strips]

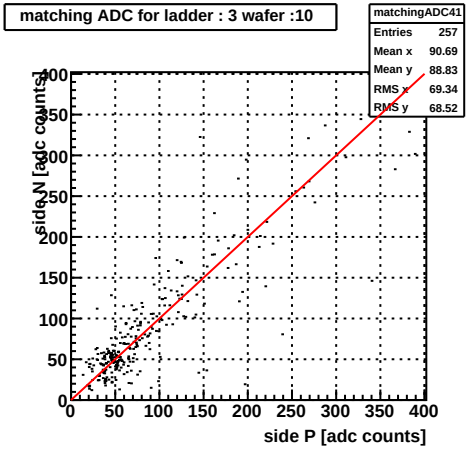

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 163
Mean x 66.94
Mean y 64.94
RMS x 52.48
RMS y 48.17
side N [adc counts]
side P [adc counts]

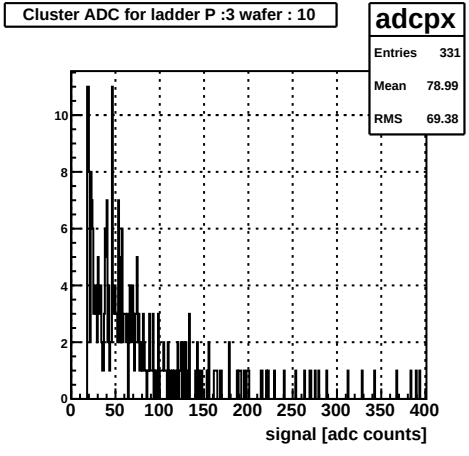

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 792
Mean 37.35
RMS 38.45
signal [adc counts]

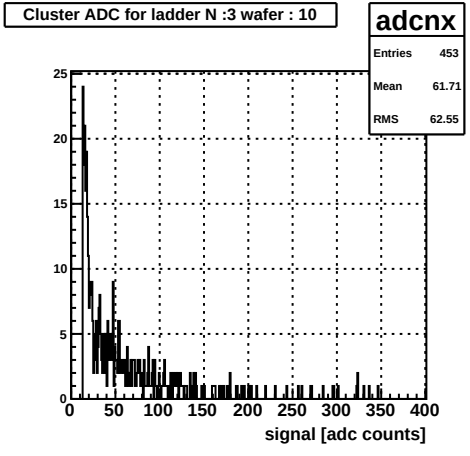

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 664
Mean 70.38
RMS 67.04
signal [adc counts]

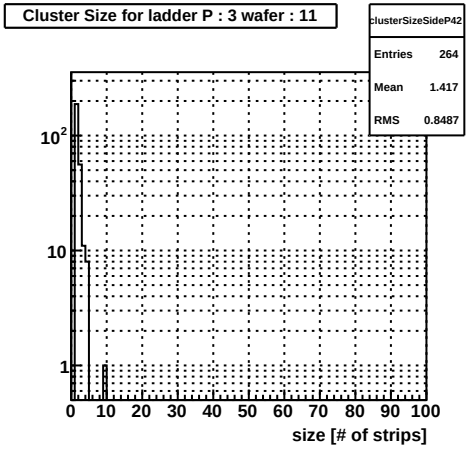

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 331
Mean 1.366
RMS 0.6285
size [# of strips]

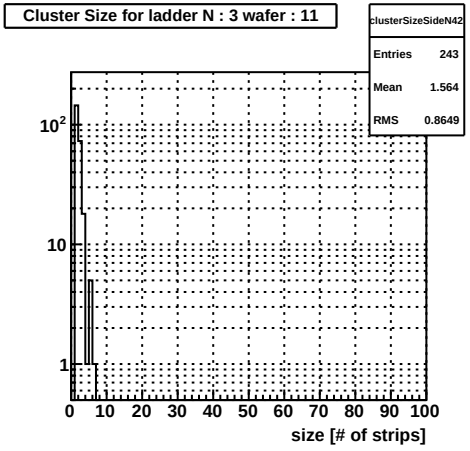

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 453
Mean 1.483
RMS 0.8341
size [# of strips]

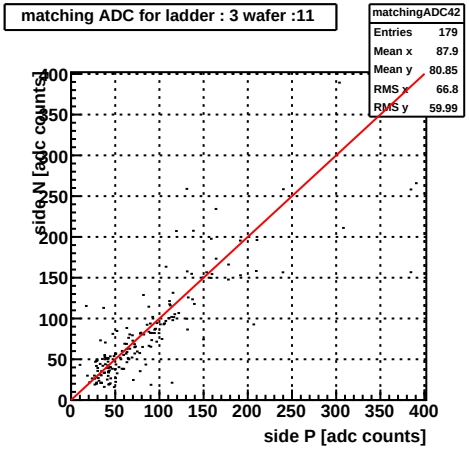

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 257
Mean x 90.69
Mean y 88.83
RMS x 69.34
RMS y 68.52
side N [adc counts]
side P [adc counts]

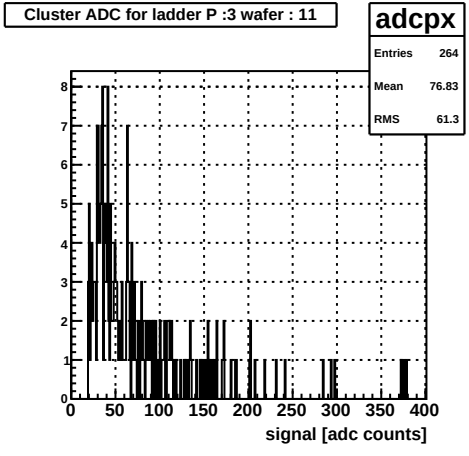

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 331
Mean 78.99
RMS 69.38
signal [adc counts]

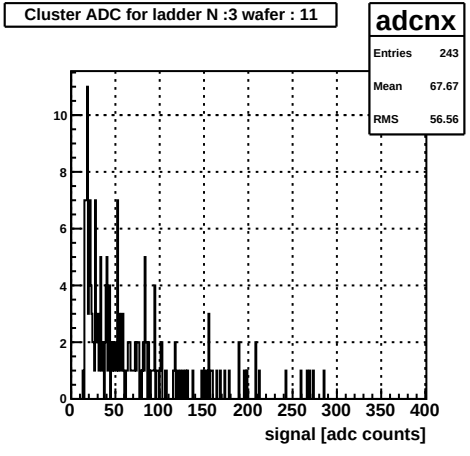

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 453
Mean 61.71
RMS 62.55
signal [adc counts]

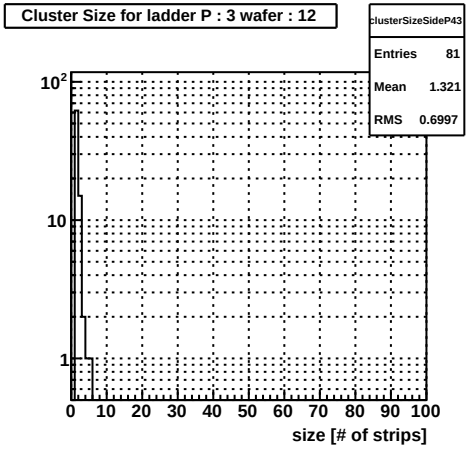

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 264
Mean 1.417
RMS 0.8487
size [# of strips]

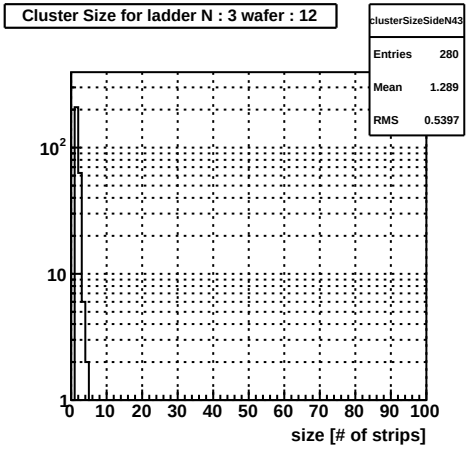

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 243
Mean 1.564
RMS 0.8649
size [# of strips]

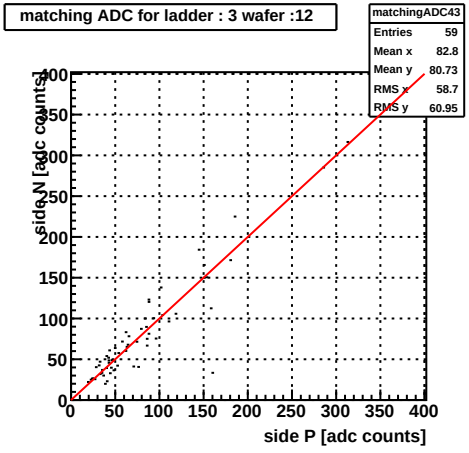

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 179
Mean x 87.9
Mean y 80.85
RMS x 66.8
RMS y 59.99
side N [adc counts]
side P [adc counts]

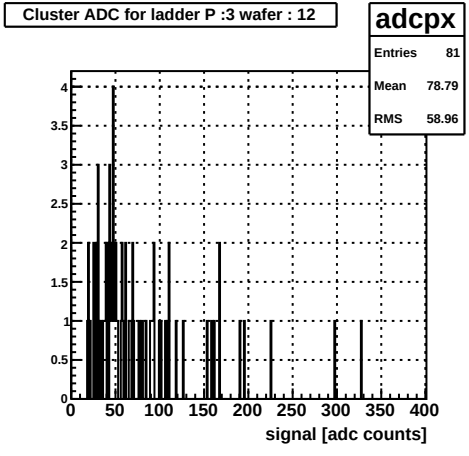

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 264
Mean 76.83
RMS 61.3
signal [adc counts]

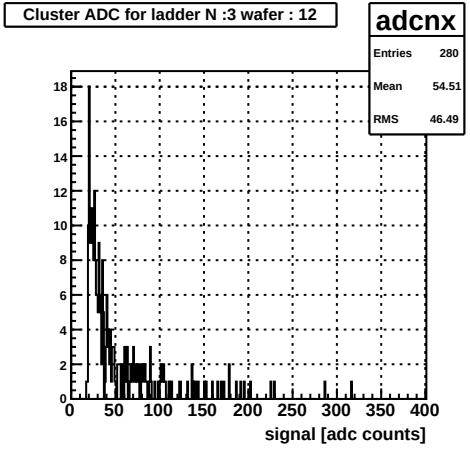

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 243
Mean 67.67
RMS 56.56
signal [adc counts]

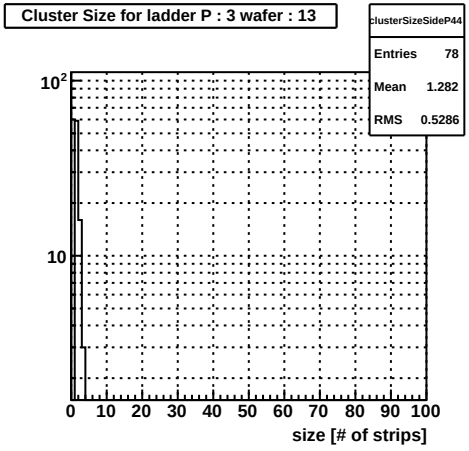

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 81
Mean 1.321
RMS 0.6997
size [# of strips]

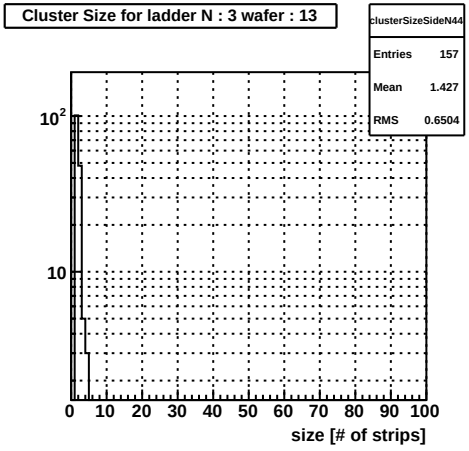

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 280
Mean 1.289
RMS 0.5397
size [# of strips]

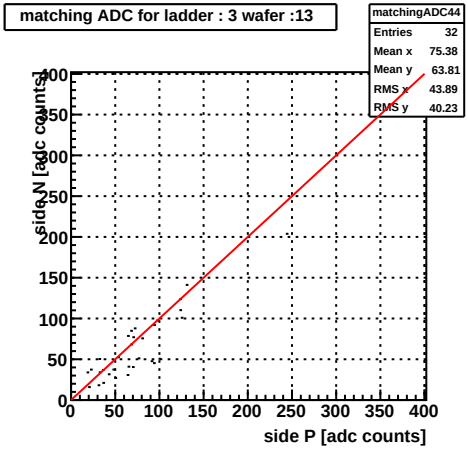

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 59
Mean x 82.8
Mean y 80.73
RMS x 58.7
RMS y 60.95
side N [adc counts]
side P [adc counts]

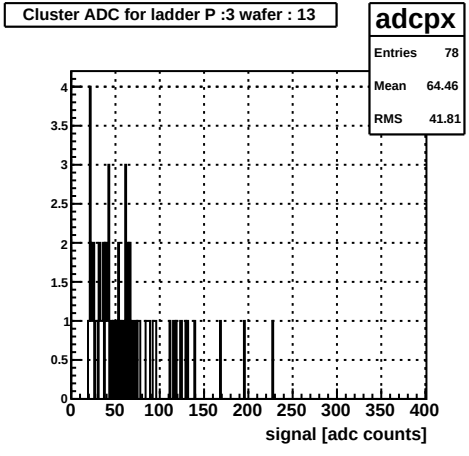

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 81
Mean 78.79
RMS 58.96
signal [adc counts]

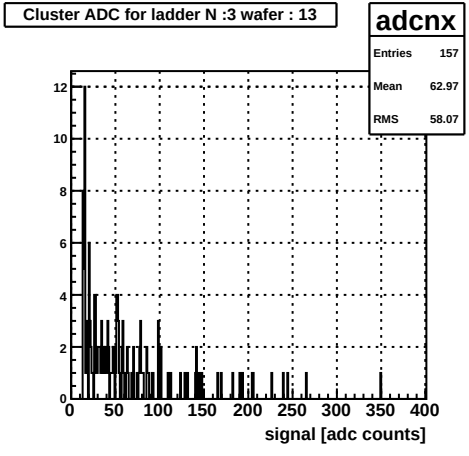

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 280
Mean 54.51
RMS 46.49
signal [adc counts]

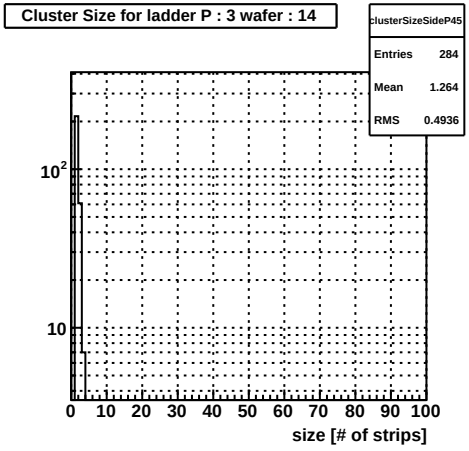

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 78
Mean 1.282
RMS 0.5286
size [# of strips]

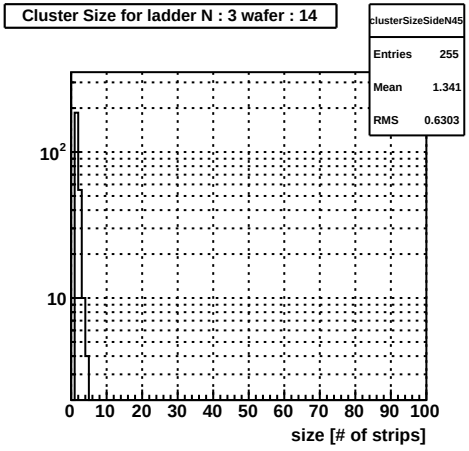

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 157
Mean 1.427
RMS 0.6504
size [# of strips]

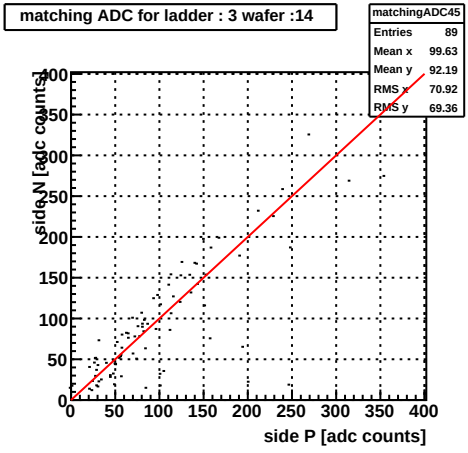

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 32
Mean x 75.38
Mean y 63.81
RMS x 43.89
RMS y 40.23
side N [adc counts]
side P [adc counts]

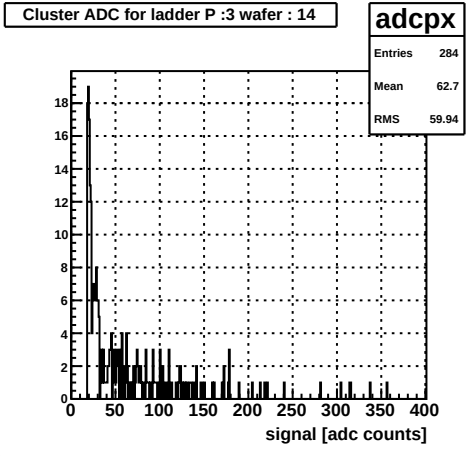

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 78
Mean 64.46
RMS 41.81
signal [adc counts]

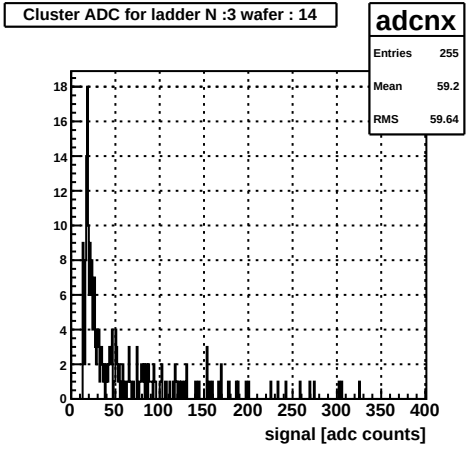

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 157
Mean 62.97
RMS 58.07
signal [adc counts]

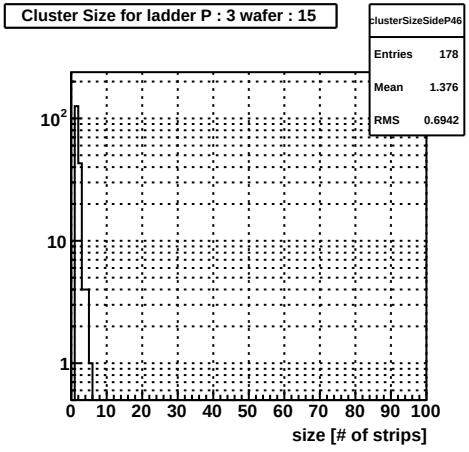

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 284
Mean 1.264
RMS 0.4936
size [# of strips]

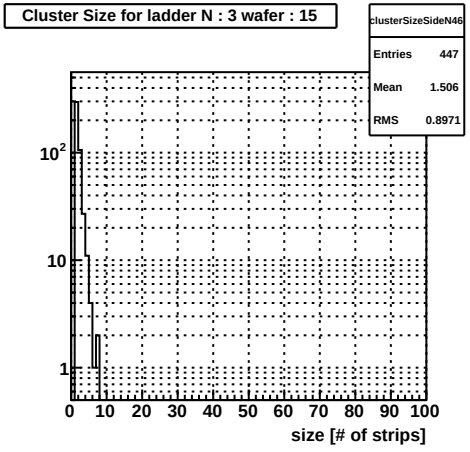

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 255
Mean 1.341
RMS 0.6303
size [# of strips]

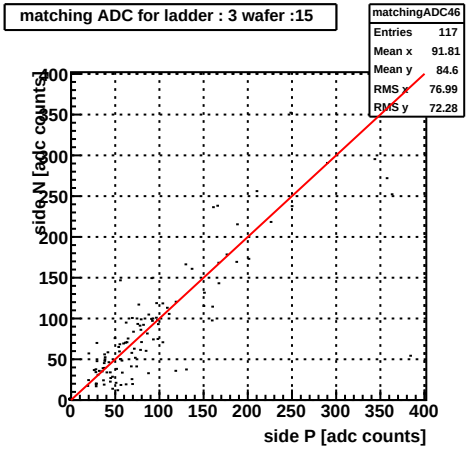

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 89
Mean x 99.63
Mean y 92.19
RMS x 70.92
RMS y 69.36
side N [adc counts]
side P [adc counts]

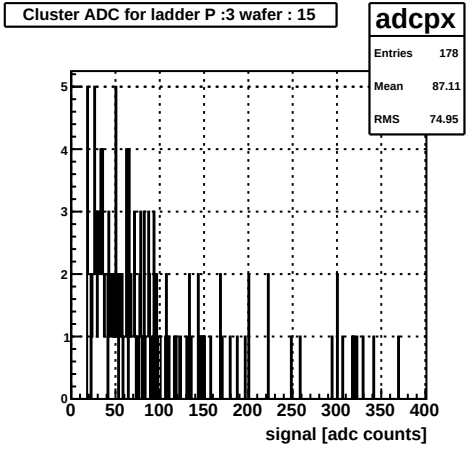

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 284
Mean 62.7
RMS 59.94
signal [adc counts]

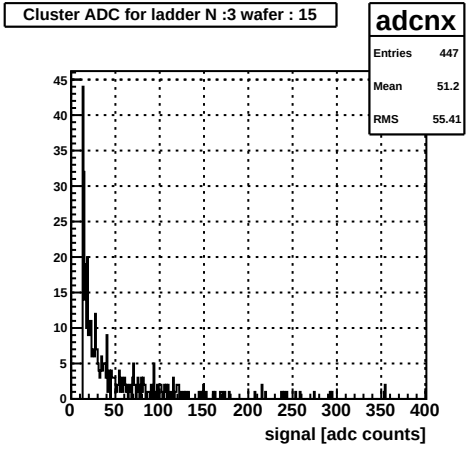

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 255
Mean 59.2
RMS 59.64
signal [adc counts]

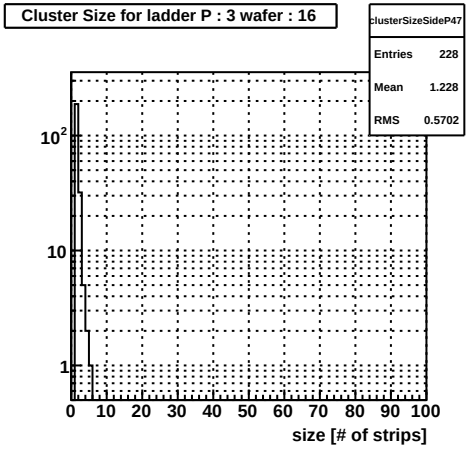

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 178
Mean 1.376
RMS 0.6942
size [# of strips]

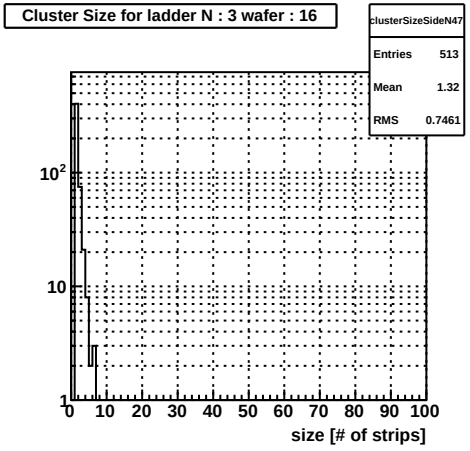

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 447
Mean 1.506
RMS 0.8971
size [# of strips]

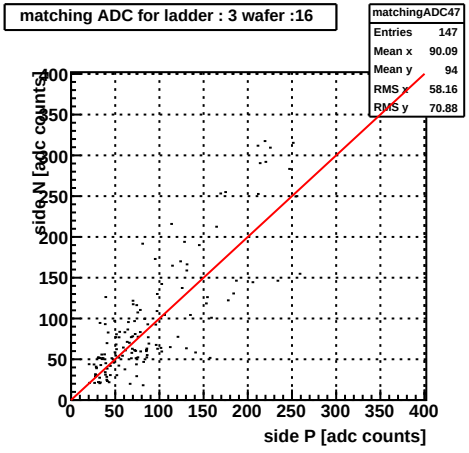

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 117
Mean x 91.81
Mean y 84.6
RMS x 76.99
RMS y 72.28
side N [adc counts]
side P [adc counts]

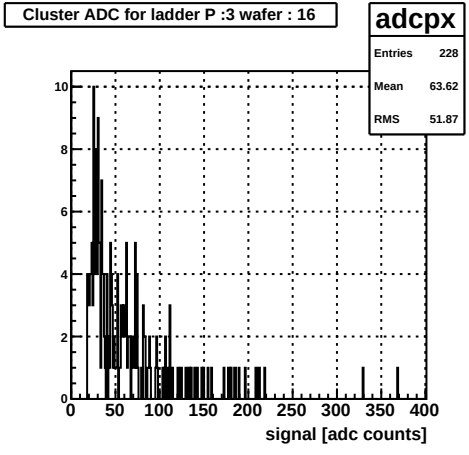

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 178
Mean 87.11
RMS 74.95
signal [adc counts]

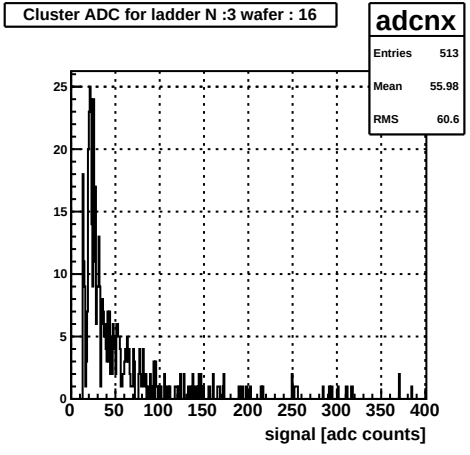

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 447
Mean 51.2
RMS 55.41
signal [adc counts]

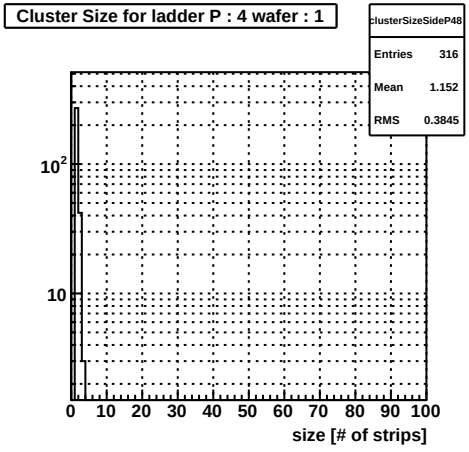

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 228
Mean 1.228
RMS 0.5702
size [# of strips]

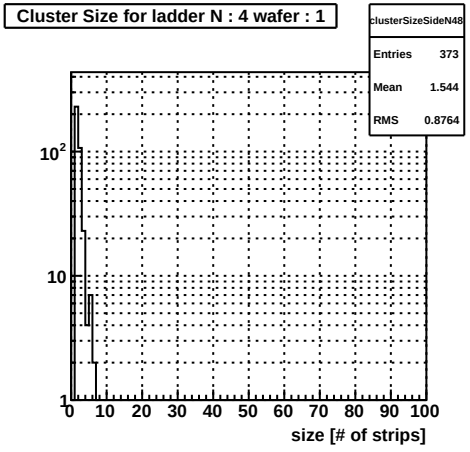

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 513
Mean 1.32
RMS 0.7461
size [# of strips]

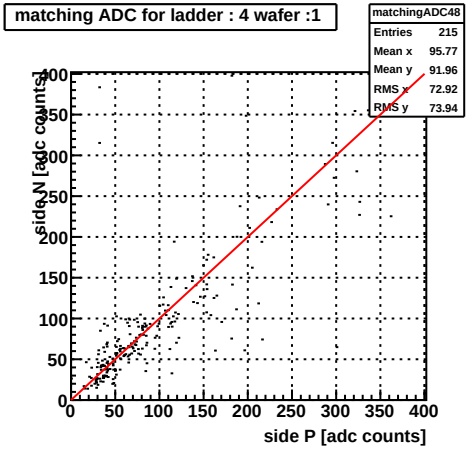

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 147
Mean x 90.09
Mean y 94
RMS x 58.16
RMS y 70.88
side N [adc counts]
side P [adc counts]

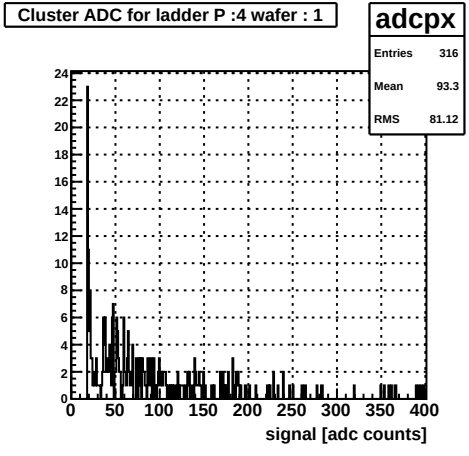

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 228
Mean 63.62
RMS 51.87
signal [adc counts]

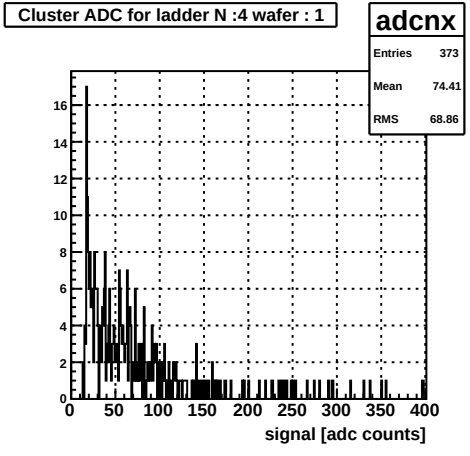

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 513
Mean 55.98
RMS 60.6
signal [adc counts]

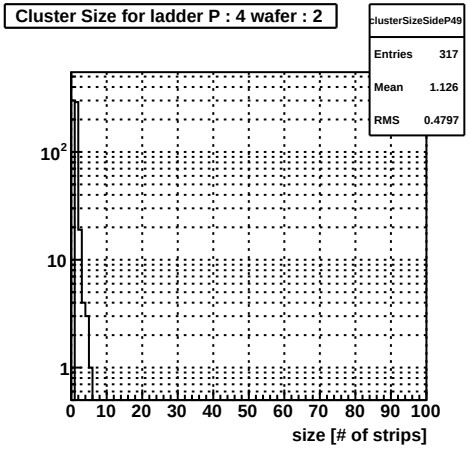

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 316
Mean 1.152
RMS 0.3845
size [# of strips]

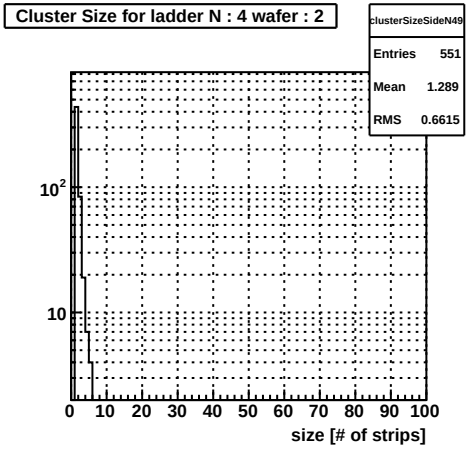

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 373
Mean 1.544
RMS 0.8764
size [# of strips]

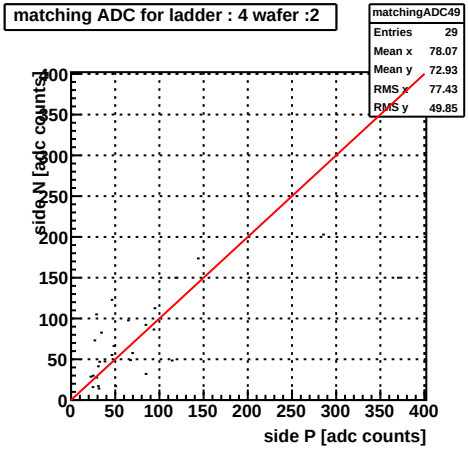

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 215
Mean x 95.77
Mean y 91.96
RMS x 72.92
RMS y 73.94
side N [adc counts]
side P [adc counts]

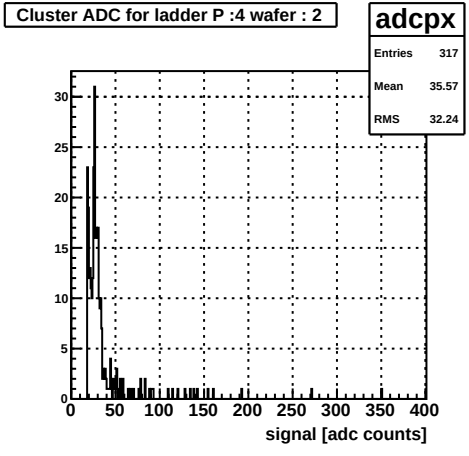

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 316
Mean 93.3
RMS 81.12
signal [adc counts]

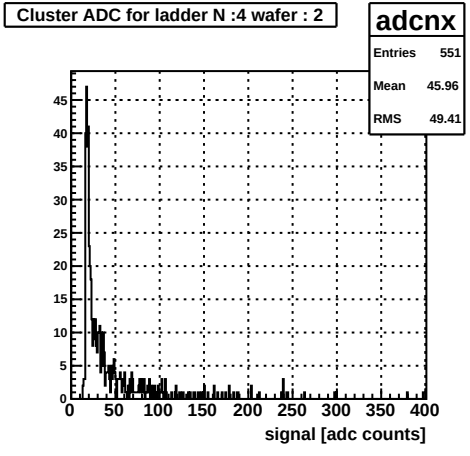

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 373
Mean 74.41
RMS 68.86
signal [adc counts]

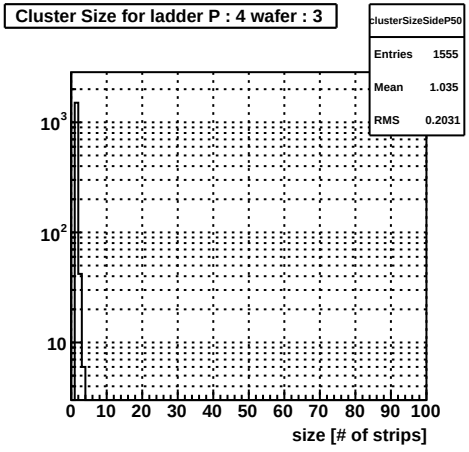

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 317
Mean 1.126
RMS 0.4797
size [# of strips]

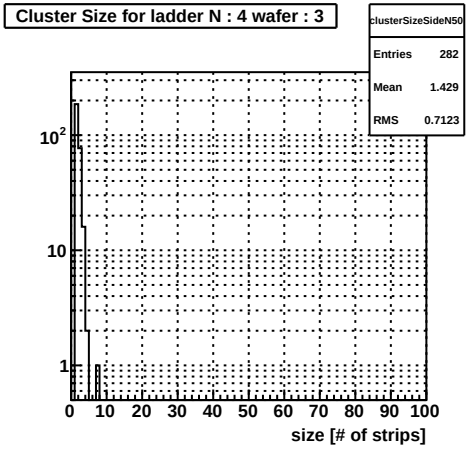

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 551
Mean 1.289
RMS 0.6615
size [# of strips]

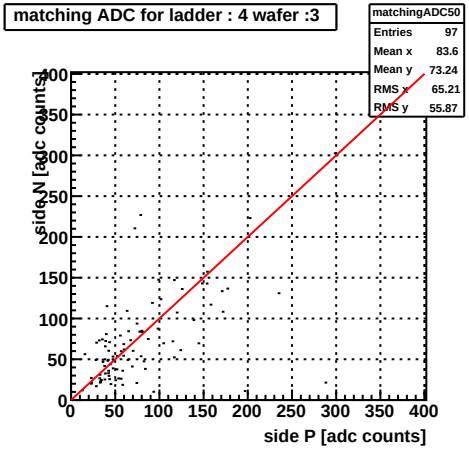

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 29
Mean x 78.07
Mean y 72.93
RMS x 77.43
RMS y 49.85
side N [adc counts]
side P [adc counts]

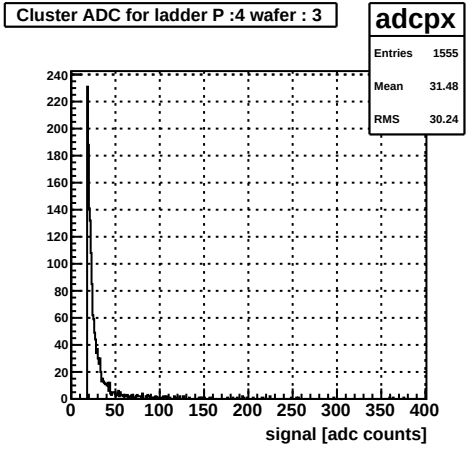

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 317
Mean 35.57
RMS 32.24
signal [adc counts]

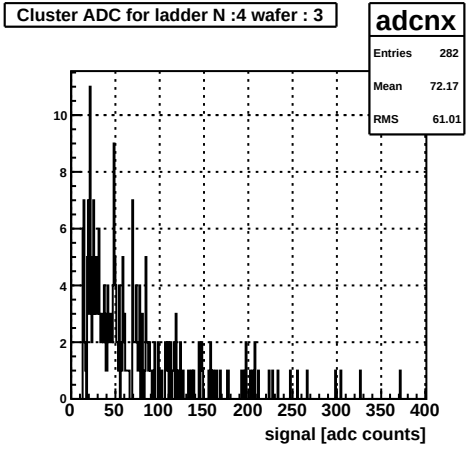

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 551
Mean 45.96
RMS 49.41
signal [adc counts]

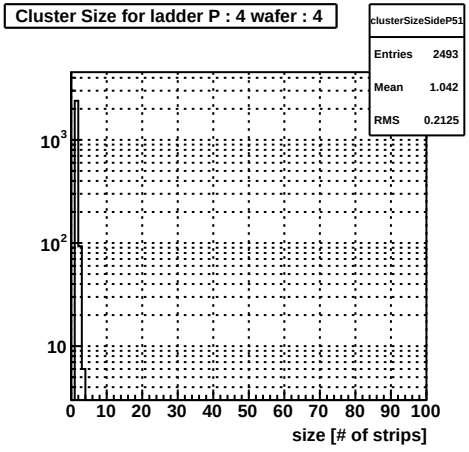

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 1555
Mean 1.035
RMS 0.2031
size [# of strips]

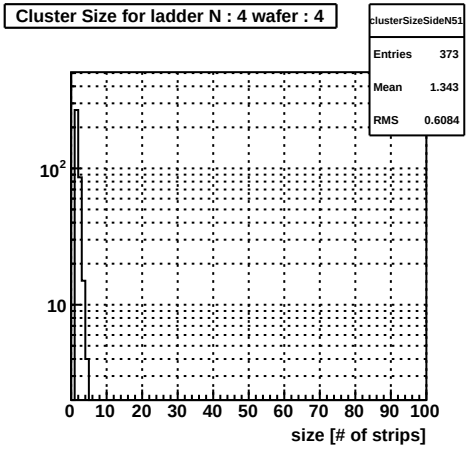

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 282
Mean 1.429
RMS 0.7123
size [# of strips]

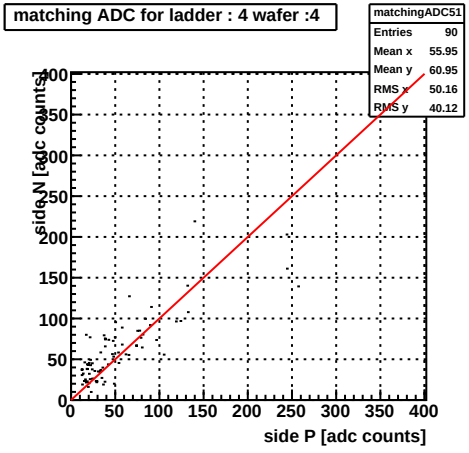

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 97
Mean x 83.6
Mean y 73.24
RMS x 65.21
RMS y 55.87
side N [adc counts]
side P [adc counts]

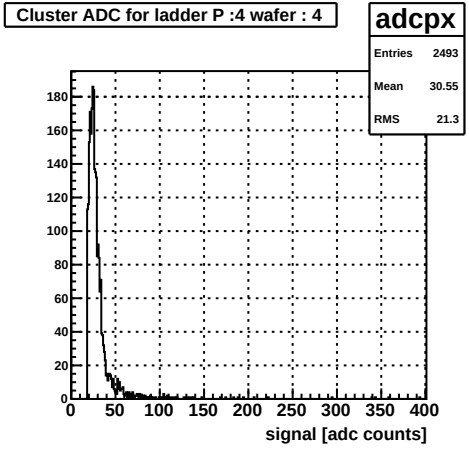

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 1555
Mean 31.48
RMS 30.24
signal [adc counts]

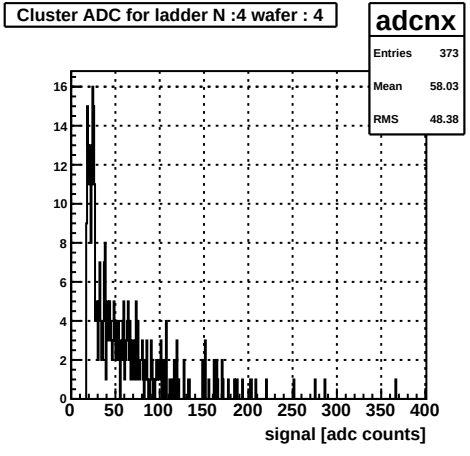

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 282
Mean 72.17
RMS 61.01
signal [adc counts]

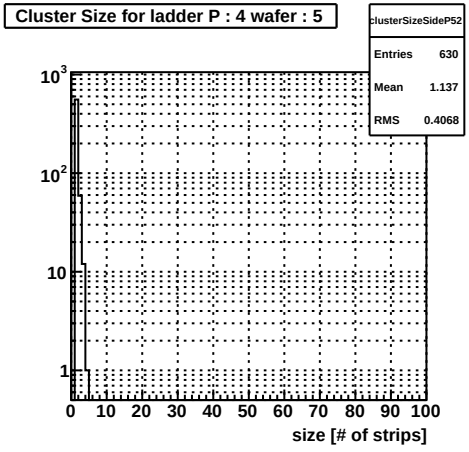

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 2493
Mean 1.042
RMS 0.2125
size [# of strips]

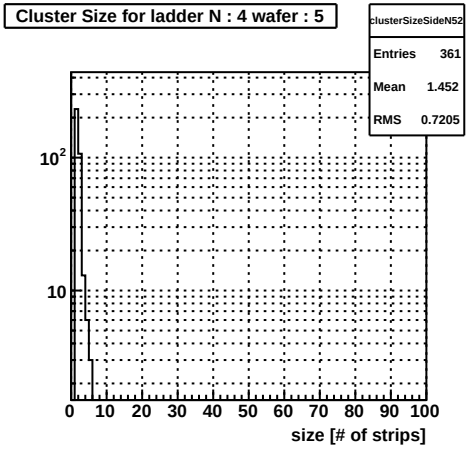

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 373
Mean 1.343
RMS 0.6084
size [# of strips]

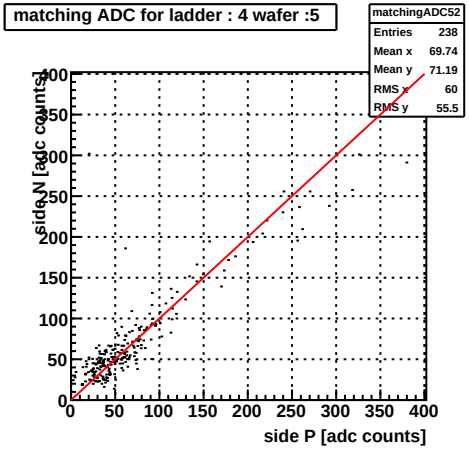

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 90
Mean x 55.95
Mean y 60.95
RMS x 50.16
RMS y 40.12
side N [adc counts]
side P [adc counts]

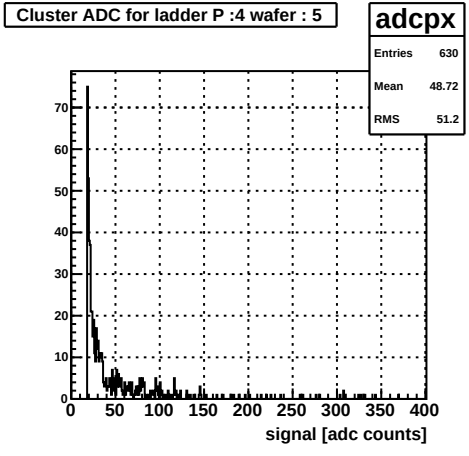

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 2493
Mean 30.55
RMS 21.3
signal [adc counts]

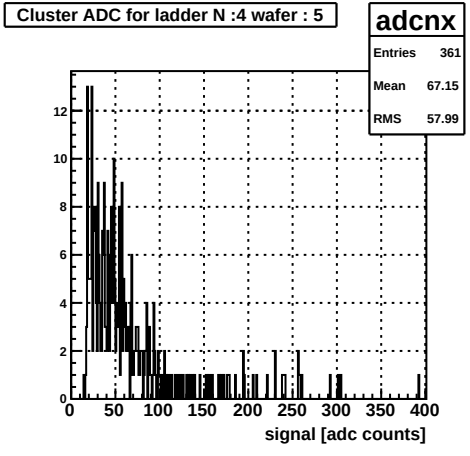

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 373
Mean 58.03
RMS 48.38
signal [adc counts]

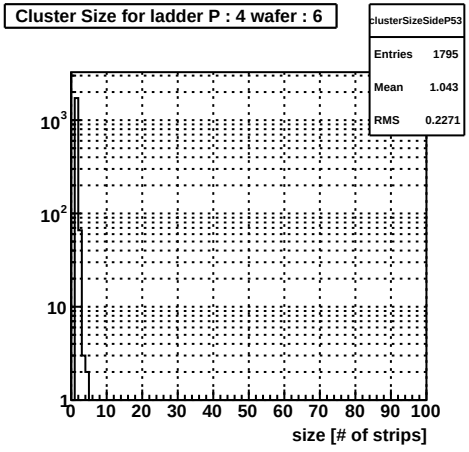

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 630
Mean 1.137
RMS 0.4068
size [# of strips]

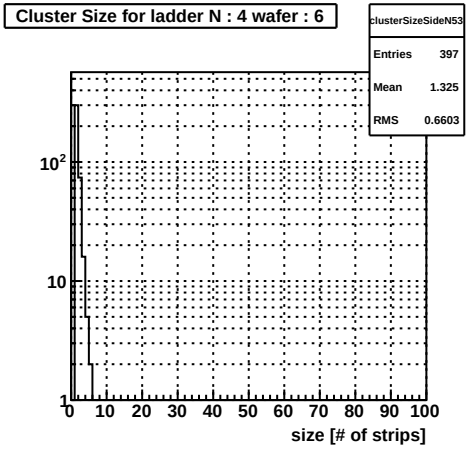

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 361
Mean 1.452
RMS 0.7205
size [# of strips]

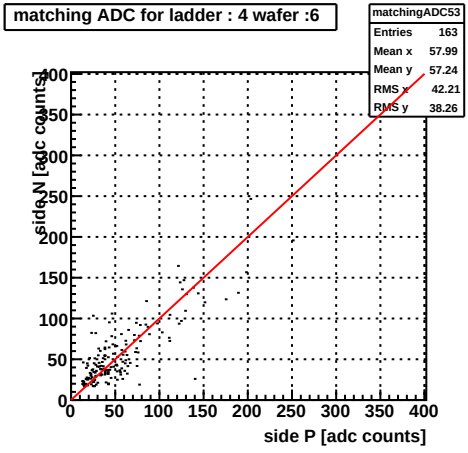

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 238
Mean x 69.74
Mean y 71.19
RMS x 60
RMS y 55.5
side N [adc counts]
side P [adc counts]

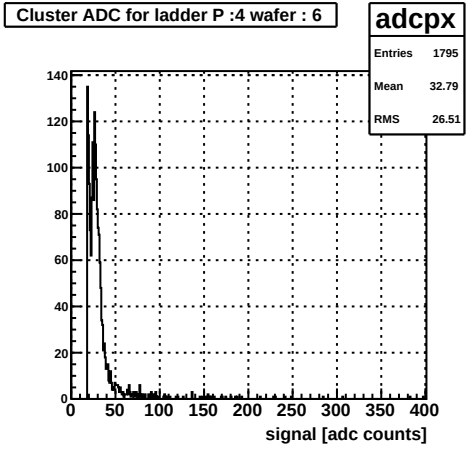

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 630
Mean 48.72
RMS 51.2
signal [adc counts]

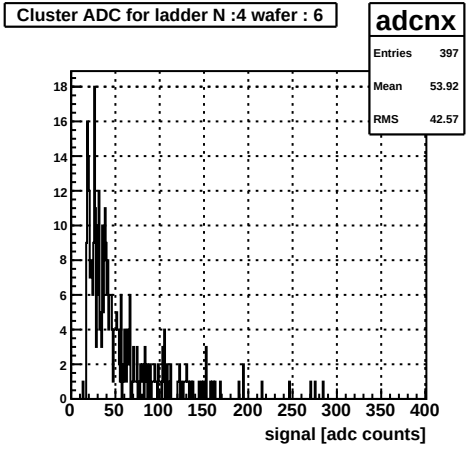

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 361
Mean 67.15
RMS 57.99
signal [adc counts]

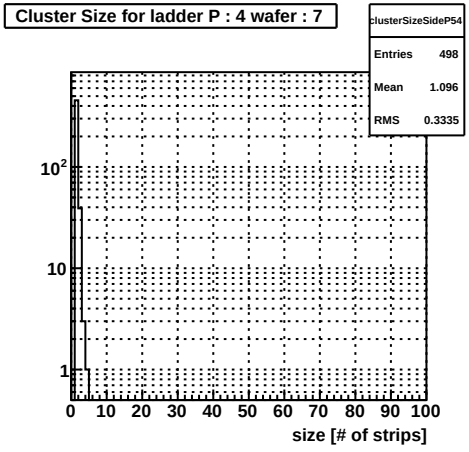

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 1795
Mean 1.043
RMS 0.2271
size [# of strips]

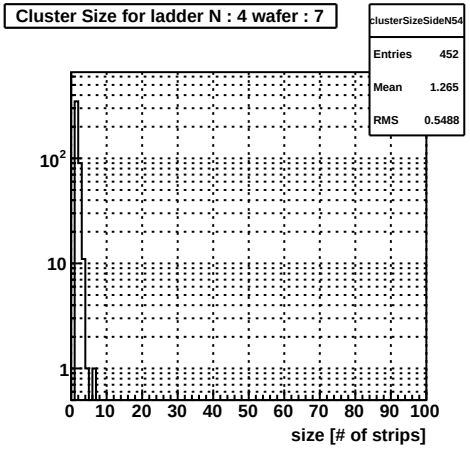

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 397
Mean 1.325
RMS 0.6603
size [# of strips]

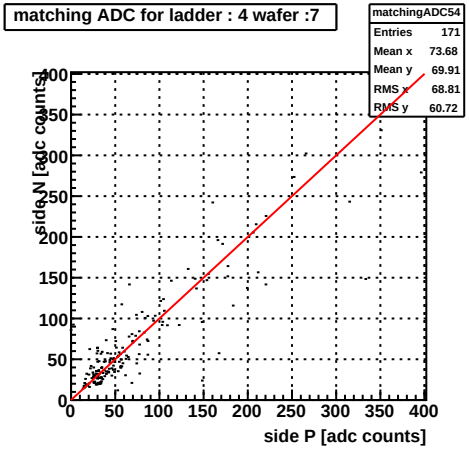

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 163
Mean x 57.99
Mean y 57.24
RMS x 42.21
RMS y 38.26
side N [adc counts]
side P [adc counts]

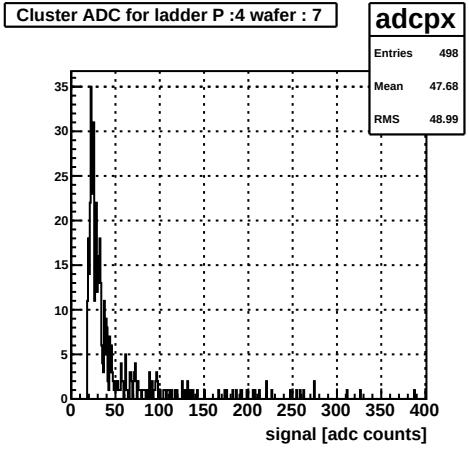

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 1795
Mean 32.79
RMS 26.51
signal [adc counts]

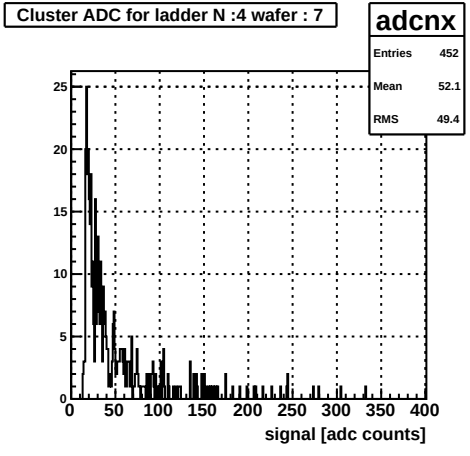

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 397
Mean 53.92
RMS 42.57
signal [adc counts]

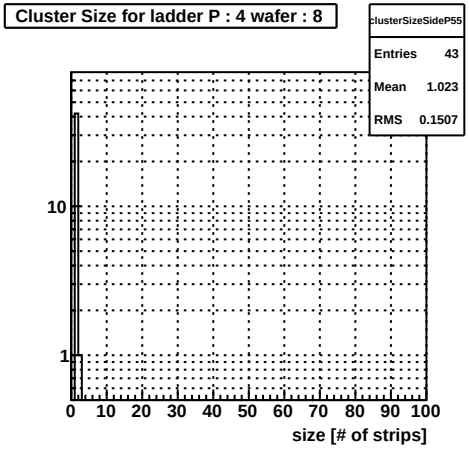

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 498
Mean 1.096
RMS 0.3335
size [# of strips]

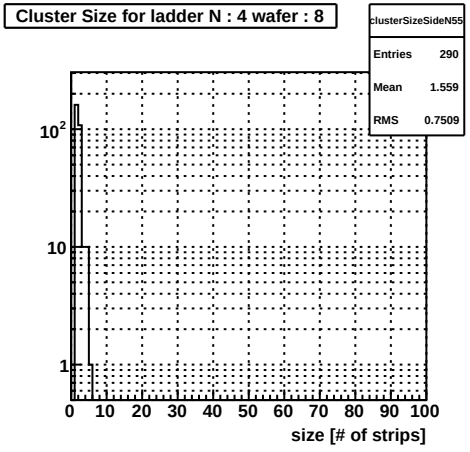

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 452
Mean 1.265
RMS 0.5488
size [# of strips]

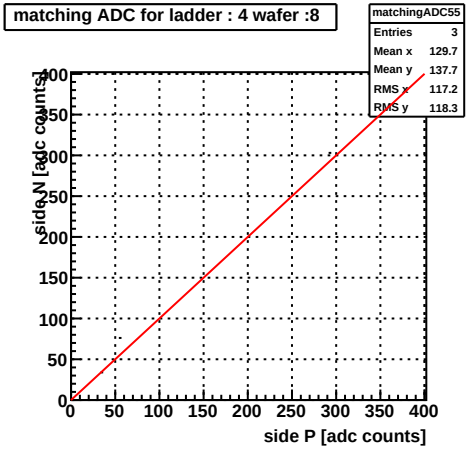

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 171
Mean x 73.68
Mean y 69.91
RMS x 68.81
RMS y 60.72
side N [adc counts]
side P [adc counts]

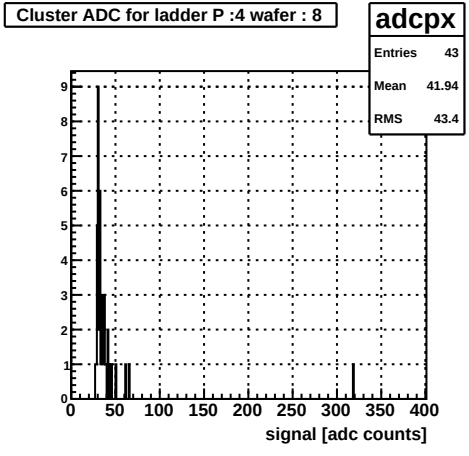

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 498
Mean 47.68
RMS 48.99
signal [adc counts]

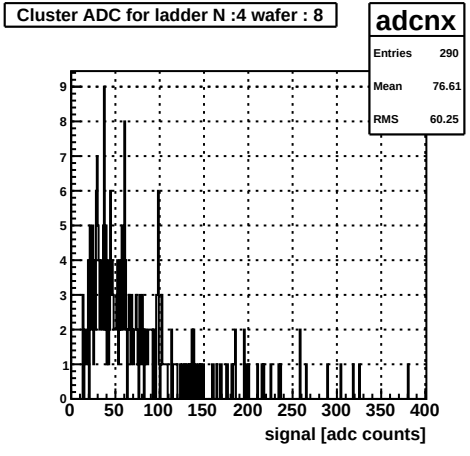

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 452
Mean 52.1
RMS 49.4
signal [adc counts]

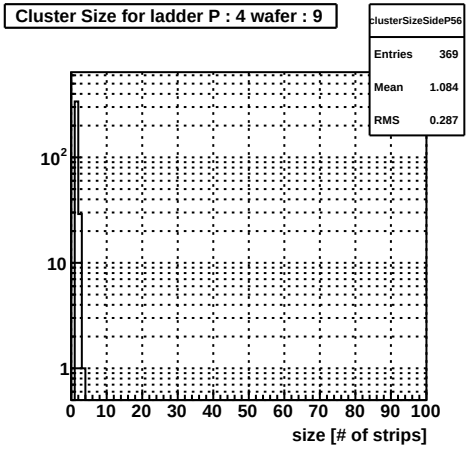

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 43
Mean 1.023
RMS 0.1507
size [# of strips]

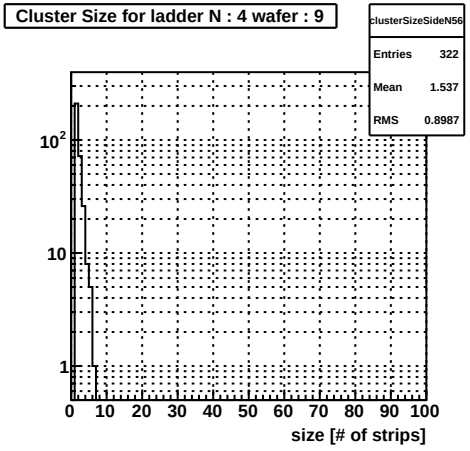

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 290
Mean 1.559
RMS 0.7509
size [# of strips]

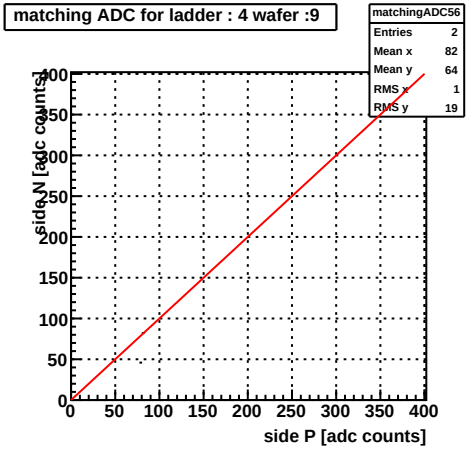

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 129.7
Mean y 137.7
RMS x 117.2
RMS y 118.3
side N [adc counts]
side P [adc counts]

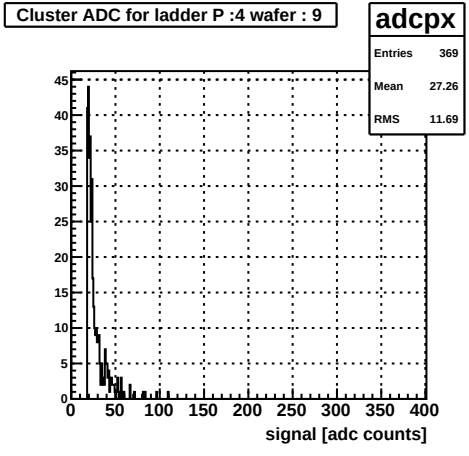

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 43
Mean 41.94
RMS 43.4
signal [adc counts]

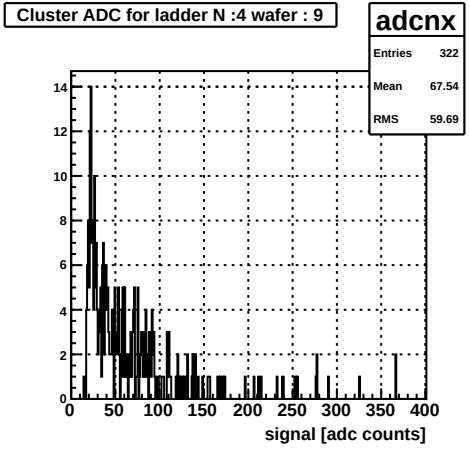

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 290
Mean 76.61
RMS 60.25
signal [adc counts]

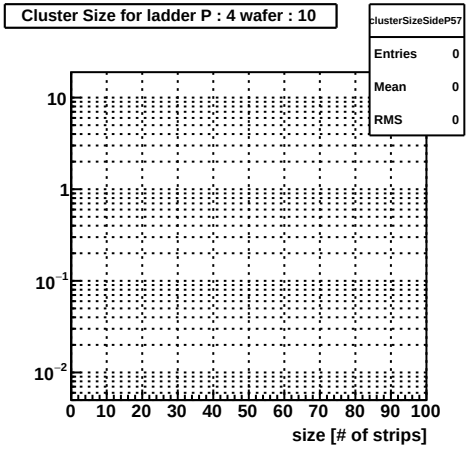

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 369
Mean 1.084
RMS 0.287
size [# of strips]

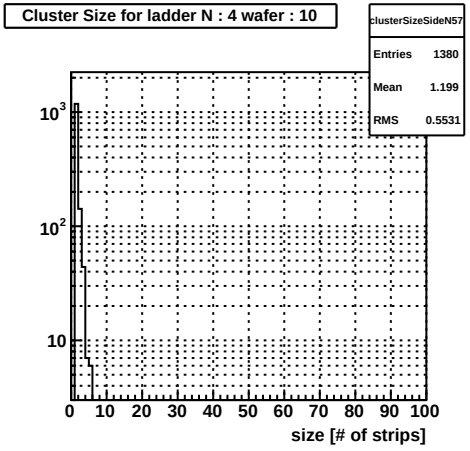

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 322
Mean 1.537
RMS 0.8987
size [# of strips]

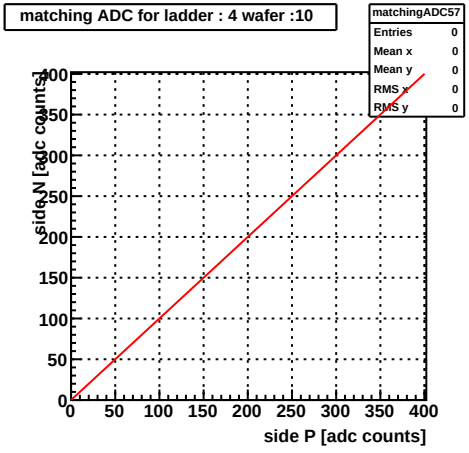

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 2
Mean x 82
Mean y 64
RMS x 1
RMS y 19
side N [adc counts]
side P [adc counts]

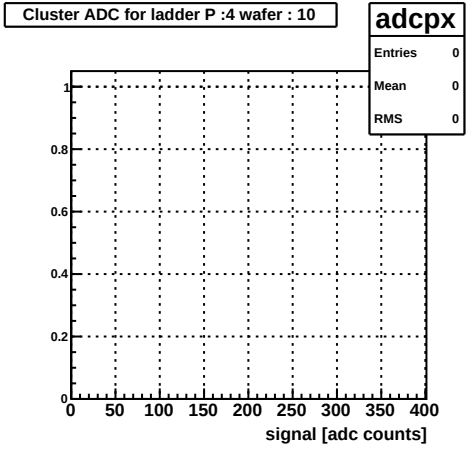

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 369
Mean 27.26
RMS 11.69
signal [adc counts]

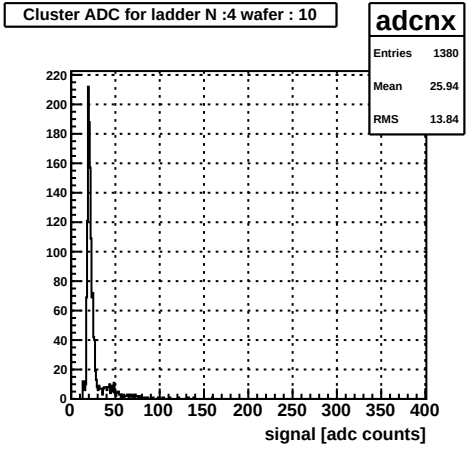

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 322
Mean 67.54
RMS 59.69
signal [adc counts]

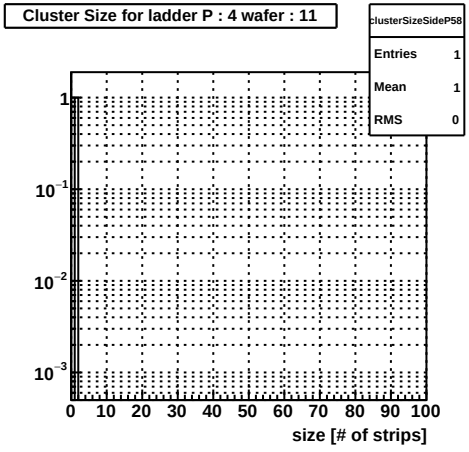

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

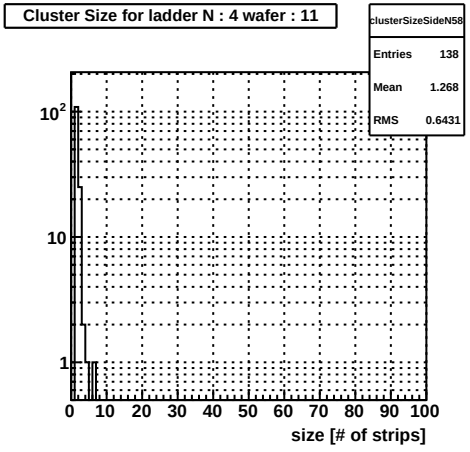

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 1380
Mean 1.199
RMS 0.5531
size [# of strips]

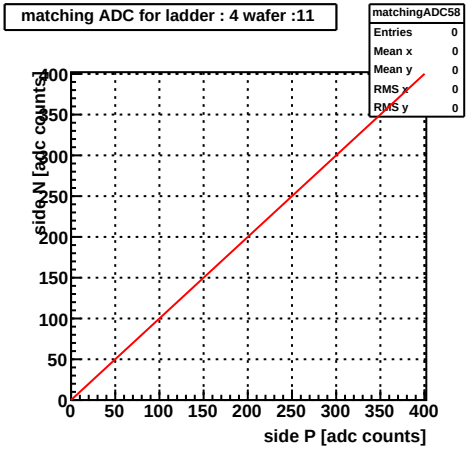

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

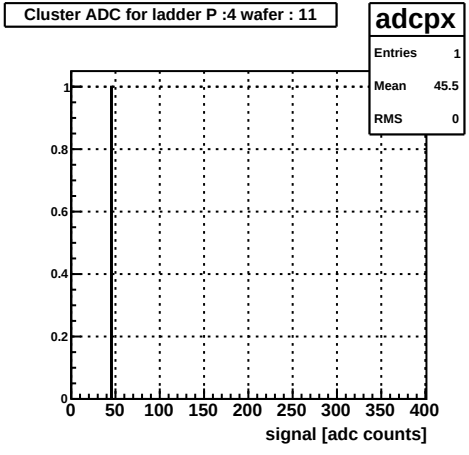

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

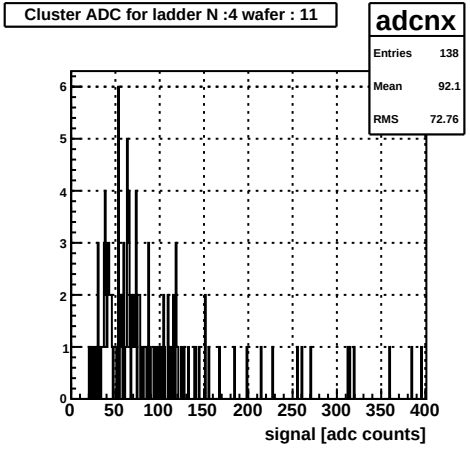

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 1380
Mean 25.94
RMS 13.84
signal [adc counts]

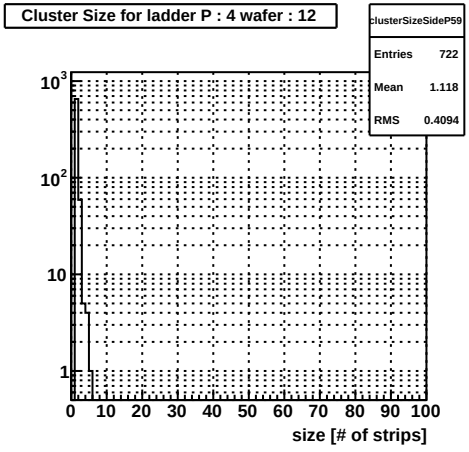

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1
Mean 1
RMS 0
size [# of strips]

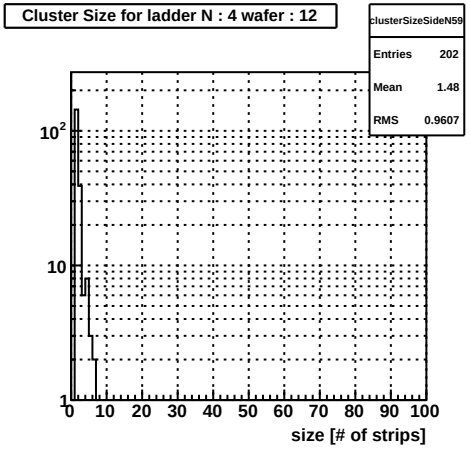

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 138
Mean 1.268
RMS 0.6431
size [# of strips]

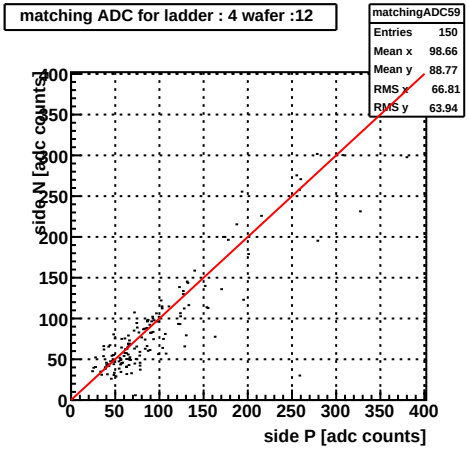

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

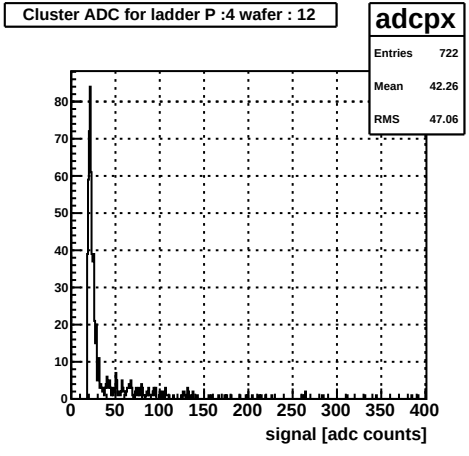

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1
Mean 45.5
RMS 0
signal [adc counts]

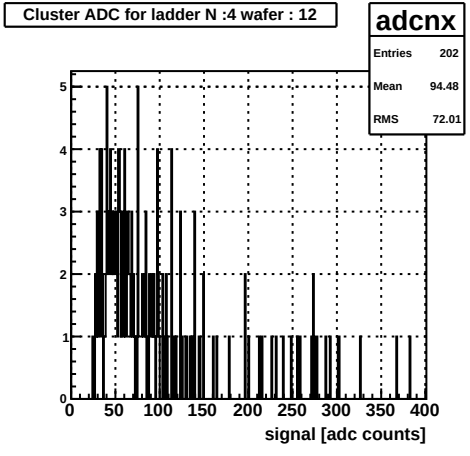

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 138
Mean 92.1
RMS 72.76
signal [adc counts]

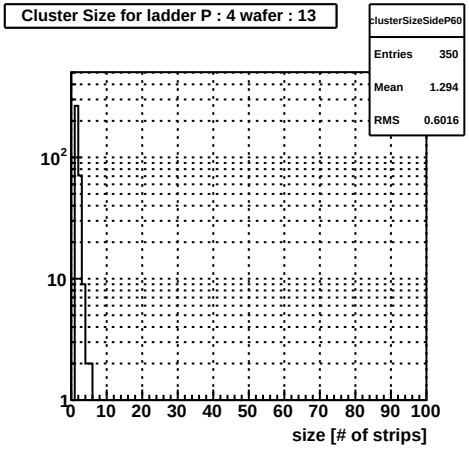

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 722
Mean 1.118
RMS 0.4094
size [# of strips]

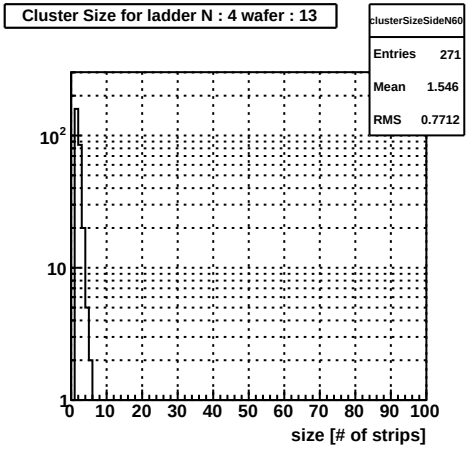

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 202
Mean 1.48
RMS 0.9607
size [# of strips]

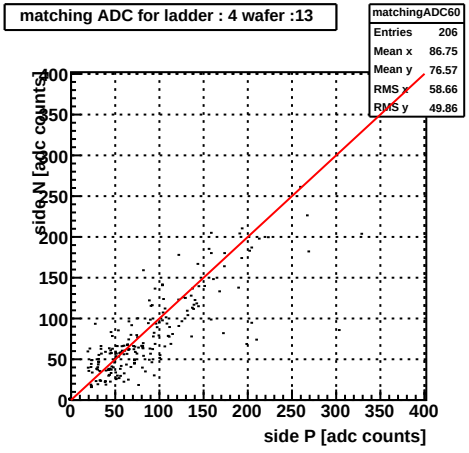

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 150
Mean x 98.66
Mean y 88.77
RMS x 66.81
RMS y 63.94
side N [adc counts]
side P [adc counts]

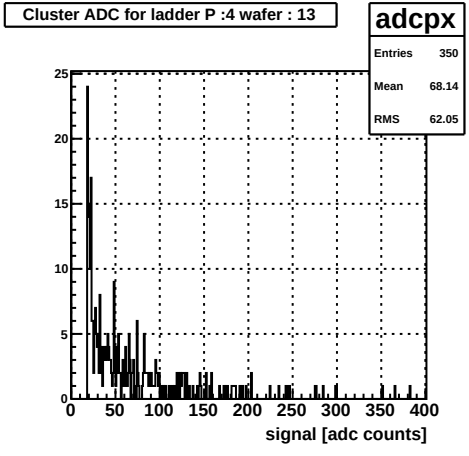

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 722
Mean 42.26
RMS 47.06
signal [adc counts]

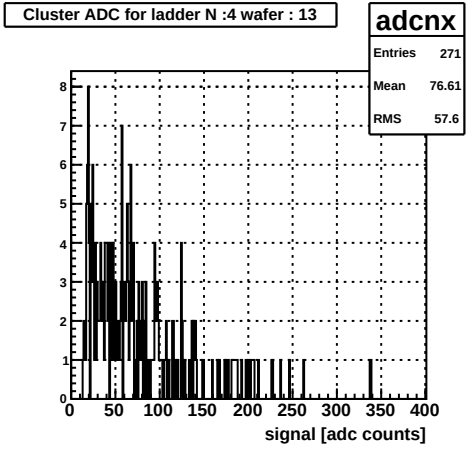

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 202
Mean 94.48
RMS 72.01
signal [adc counts]

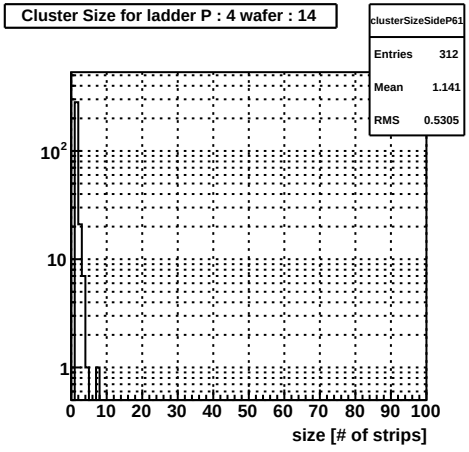

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 350
Mean 1.294
RMS 0.6016
size [# of strips]

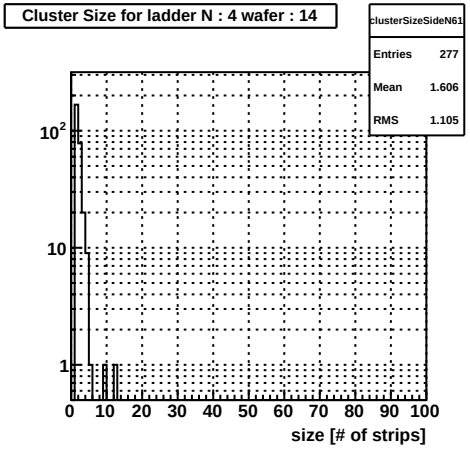

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 271
Mean 1.546
RMS 0.7712
size [# of strips]

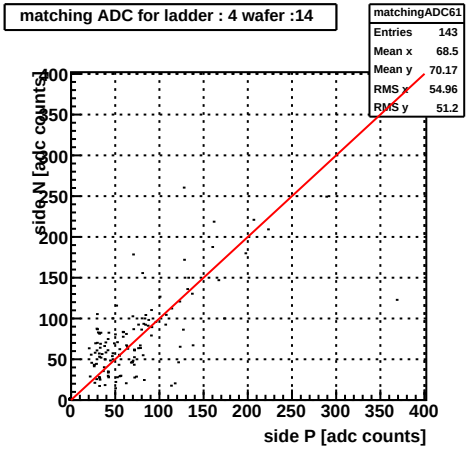

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 206
Mean x 86.75
Mean y 76.57
RMS x 58.66
RMS y 49.86
side N [adc counts]
side P [adc counts]

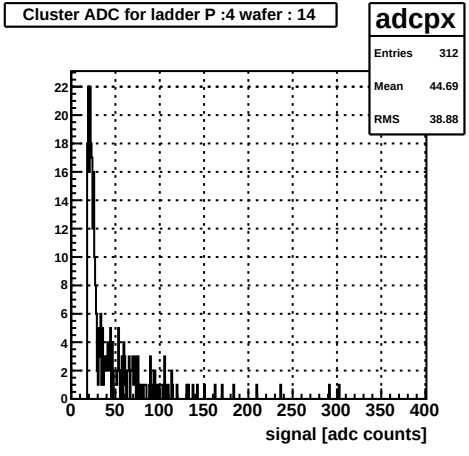

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 350
Mean 68.14
RMS 62.05
signal [adc counts]

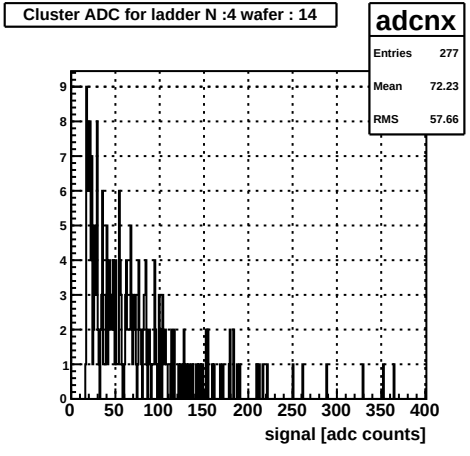

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 271
Mean 76.61
RMS 57.6
signal [adc counts]

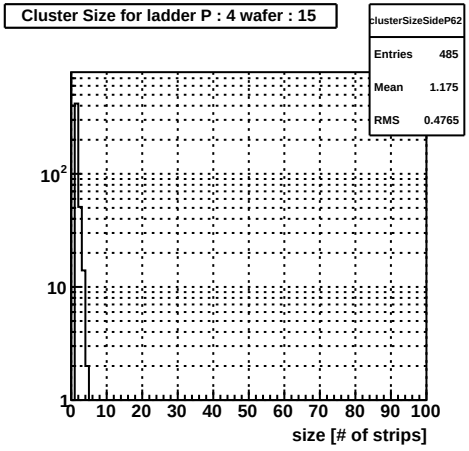

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 312
Mean 1.141
RMS 0.5305
size [# of strips]

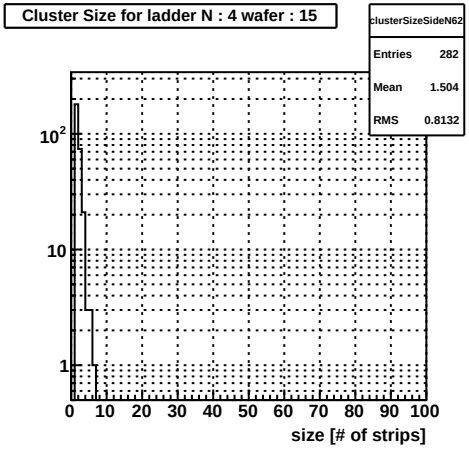

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 277
Mean 1.606
RMS 1.105
size [# of strips]

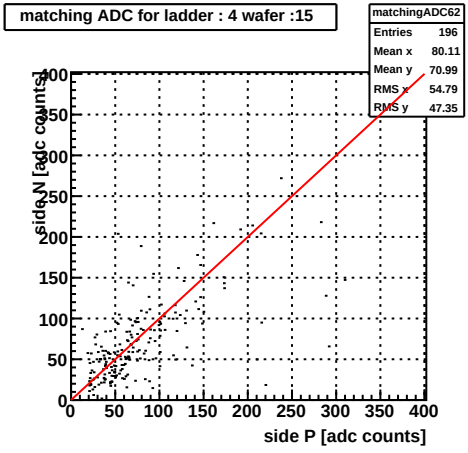

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 143
Mean x 68.5
Mean y 70.17
RMS x 54.96
RMS y 51.2
side N [adc counts]
side P [adc counts]

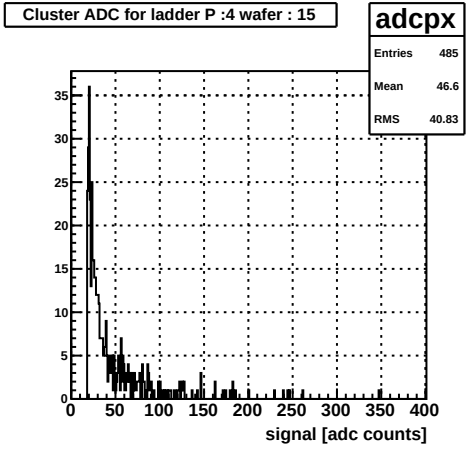

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 312
Mean 44.69
RMS 38.88
signal [adc counts]

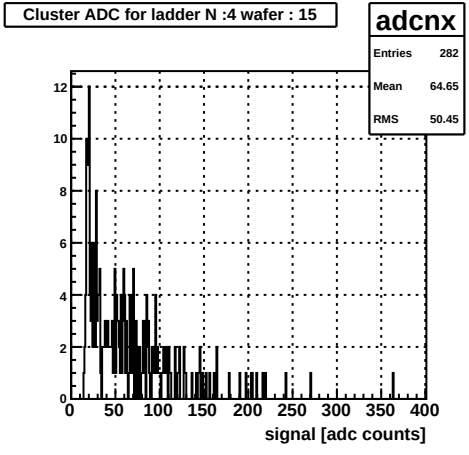

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 277
Mean 72.23
RMS 57.66
signal [adc counts]

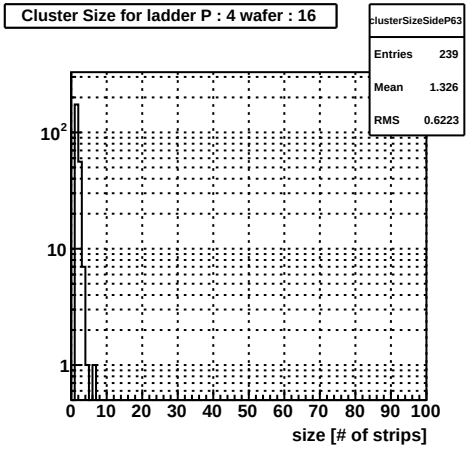

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 485
Mean 1.175
RMS 0.4765
size [# of strips]

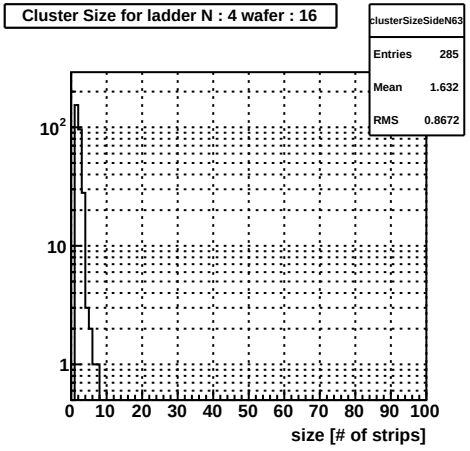

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 282
Mean 1.504
RMS 0.8132
size [# of strips]

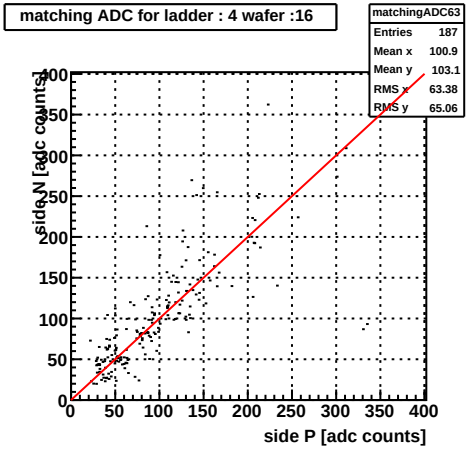

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 196
Mean x 80.11
Mean y 70.99
RMS x 54.79
RMS y 47.35
side N [adc counts]
side P [adc counts]

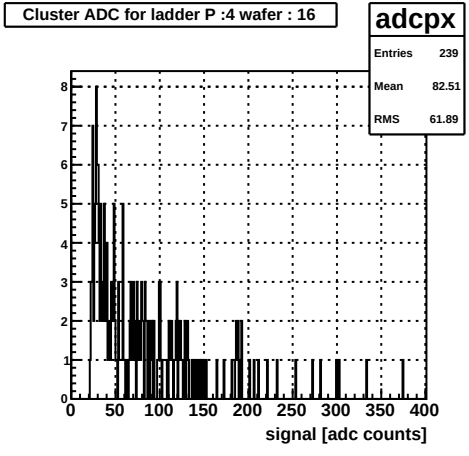

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 485
Mean 46.6
RMS 40.83
signal [adc counts]

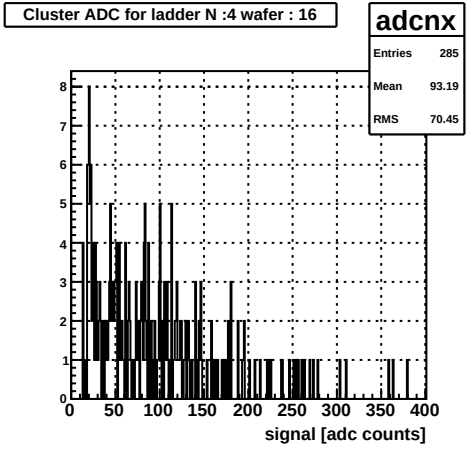

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 282
Mean 64.65
RMS 50.45
signal [adc counts]

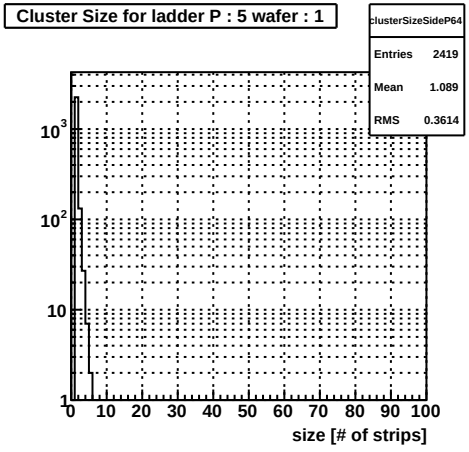

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 239
Mean 1.326
RMS 0.6223
size [# of strips]

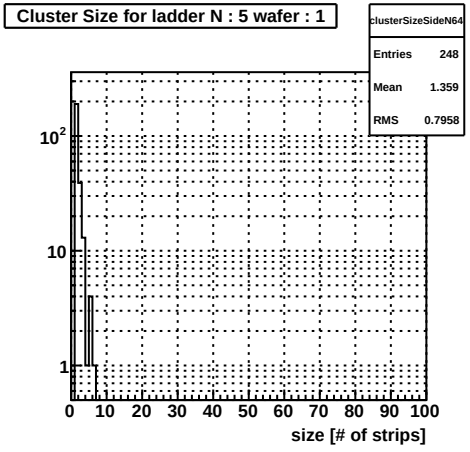

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 285
Mean 1.632
RMS 0.8672
size [# of strips]

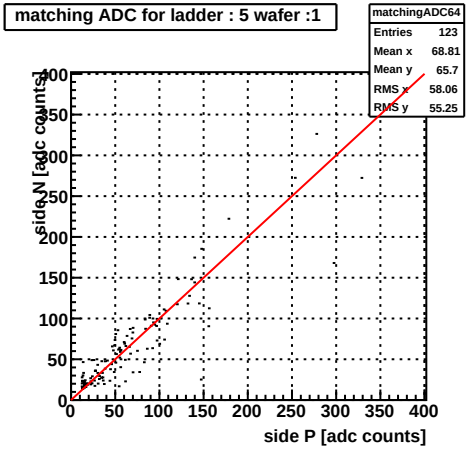

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 187
Mean x 100.9
Mean y 103.1
RMS x 63.38
RMS y 65.06
side N [adc counts]
side P [adc counts]

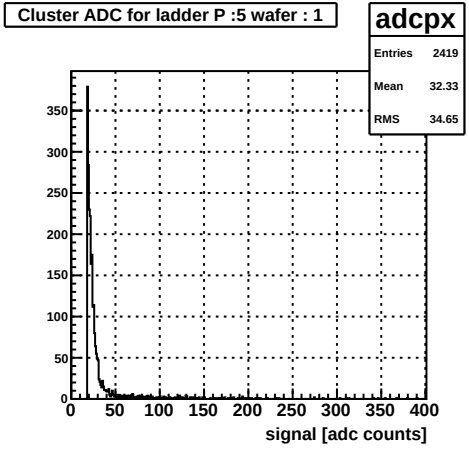

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 239
Mean 82.51
RMS 61.89
signal [adc counts]

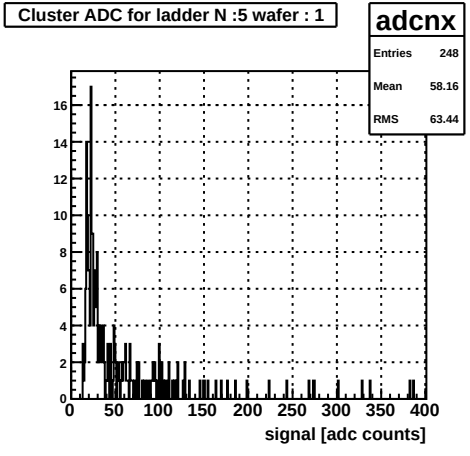

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 285
Mean 93.19
RMS 70.45
signal [adc counts]

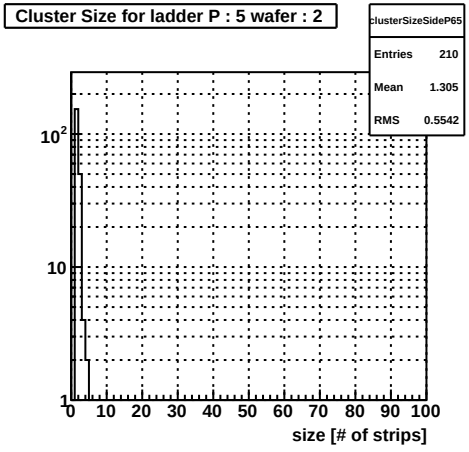

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 2419
Mean 1.089
RMS 0.3614
size [# of strips]

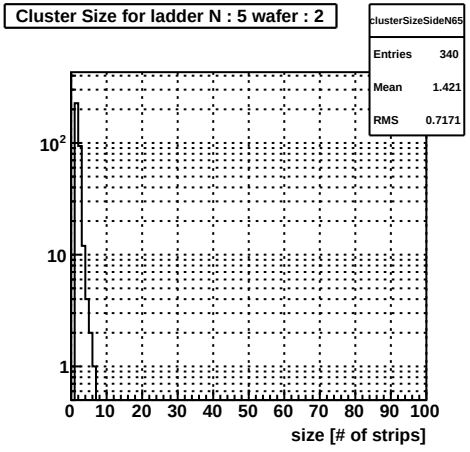

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 248
Mean 1.359
RMS 0.7958
size [# of strips]

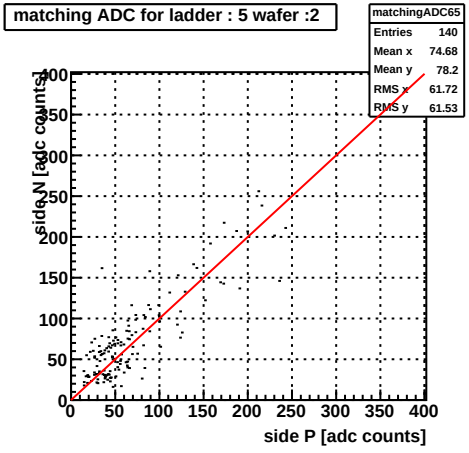

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 123
Mean x 68.81
Mean y 65.7
RMS x 58.06
RMS y 55.25
side N [adc counts]
side P [adc counts]

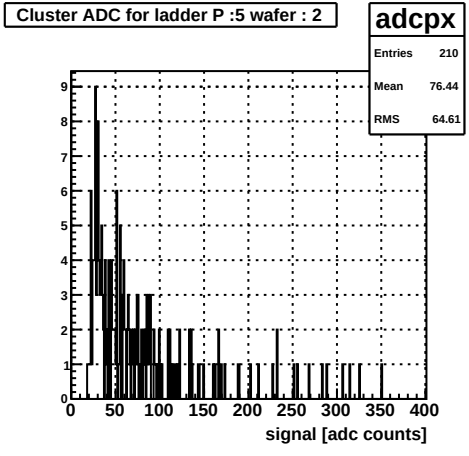

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 2419
Mean 32.33
RMS 34.65
signal [adc counts]

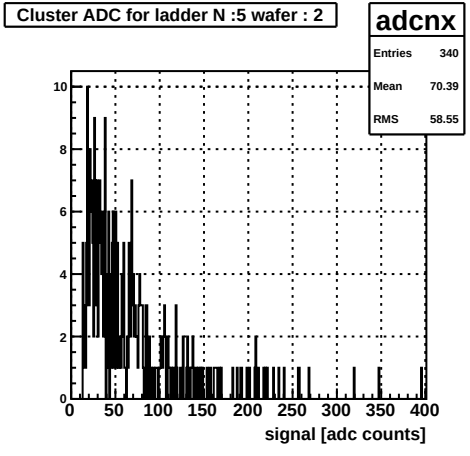

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 248
Mean 58.16
RMS 63.44
signal [adc counts]

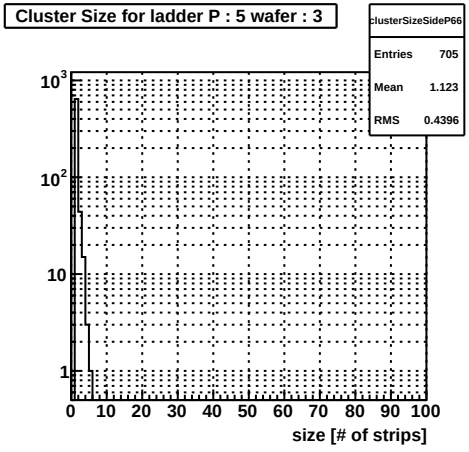

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 210
Mean 1.305
RMS 0.5542
size [# of strips]

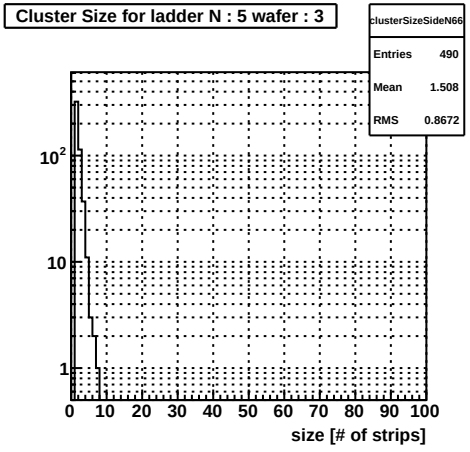

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 340
Mean 1.421
RMS 0.7171
size [# of strips]

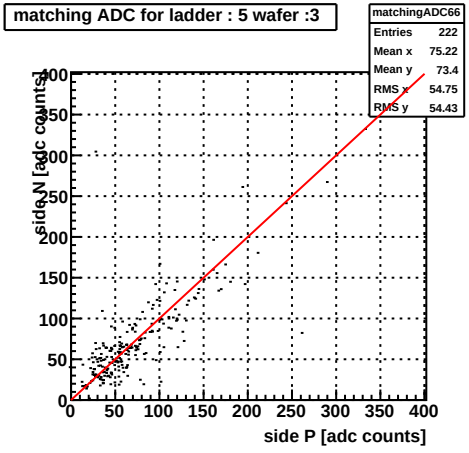

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 140
Mean x 74.68
Mean y 78.2
RMS x 61.72
RMS y 61.53
side N [adc counts]
side P [adc counts]

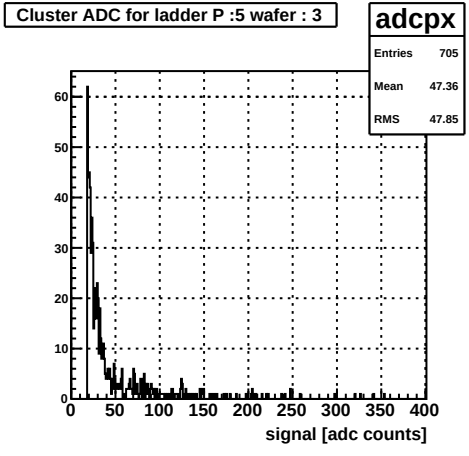

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 210
Mean 76.44
RMS 64.61
signal [adc counts]

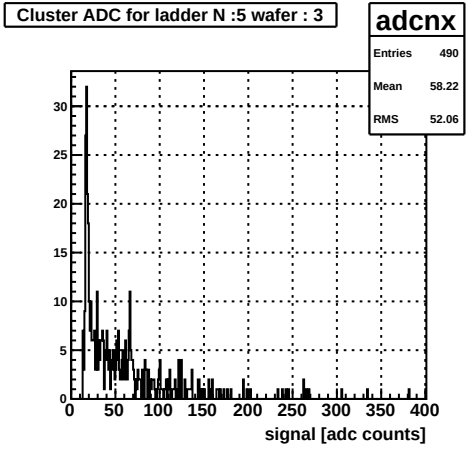

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 340
Mean 70.39
RMS 58.55
signal [adc counts]

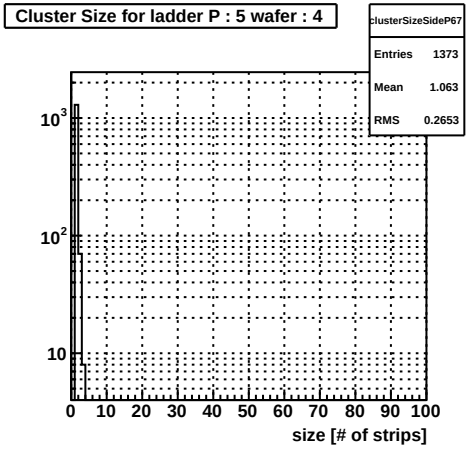

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 705
Mean 1.123
RMS 0.4396
size [# of strips]

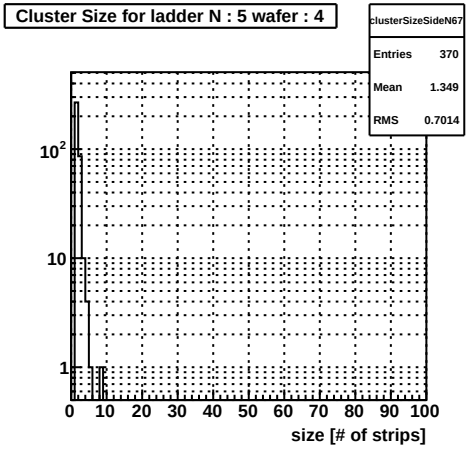

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 490
Mean 1.508
RMS 0.8672
size [# of strips]

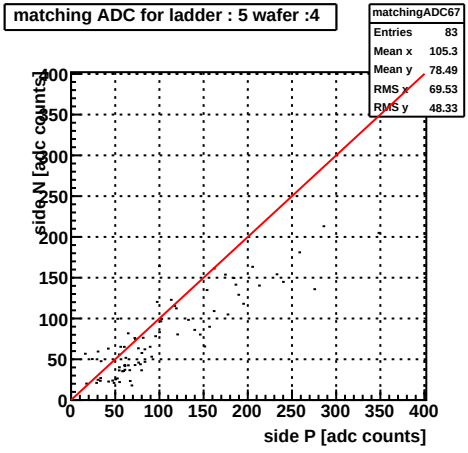

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 222
Mean x 75.22
Mean y 73.4
RMS x 54.75
RMS y 54.43
side N [adc counts]
side P [adc counts]

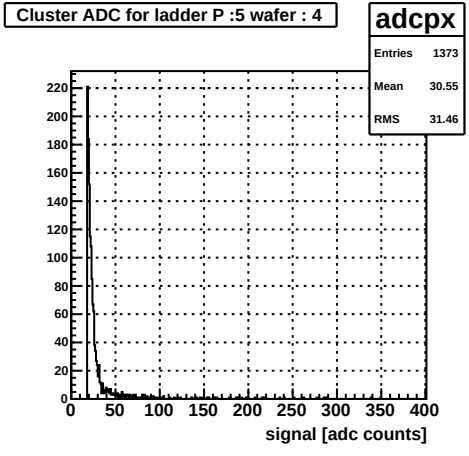

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 705
Mean 47.36
RMS 47.85
signal [adc counts]

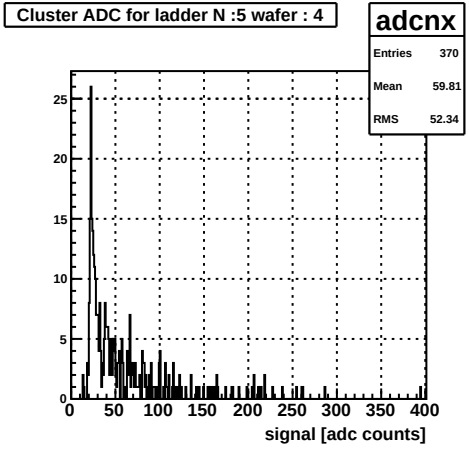

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 490
Mean 58.22
RMS 52.06
signal [adc counts]

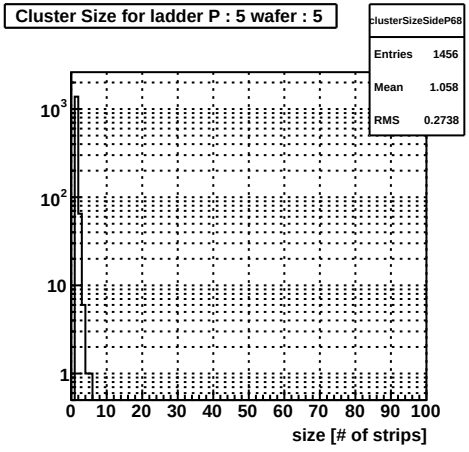

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 1373
Mean 1.063
RMS 0.2653
size [# of strips]

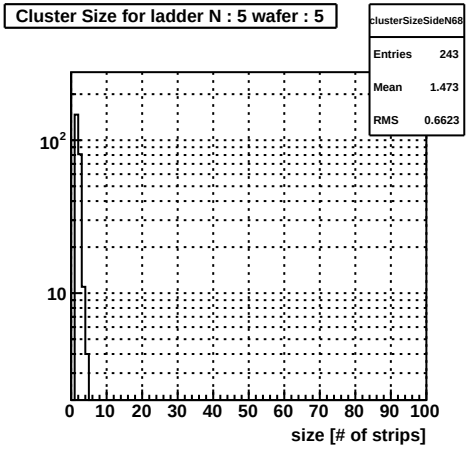

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 370
Mean 1.349
RMS 0.7014
size [# of strips]

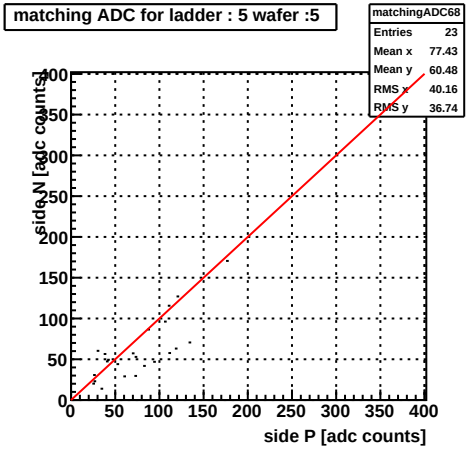

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 83
Mean x 105.3
Mean y 78.49
RMS x 69.53
RMS y 48.33
side N [adc counts]
side P [adc counts]

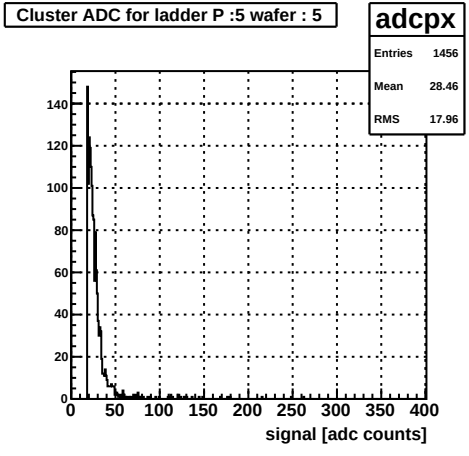

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 1373
Mean 30.55
RMS 31.46
signal [adc counts]

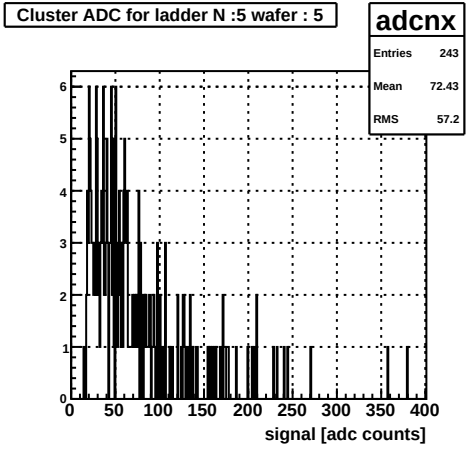

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 370
Mean 59.81
RMS 52.34
signal [adc counts]

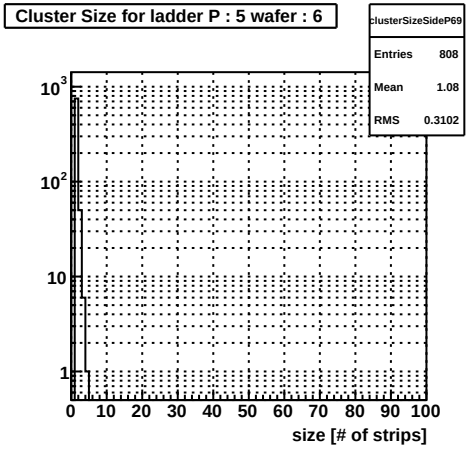

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 1456
Mean 1.058
RMS 0.2738
size [# of strips]

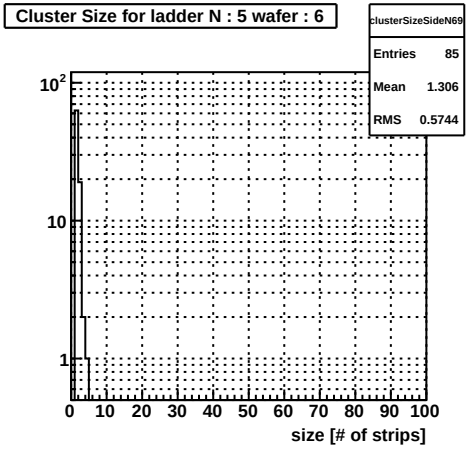

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 243
Mean 1.473
RMS 0.6623
size [# of strips]

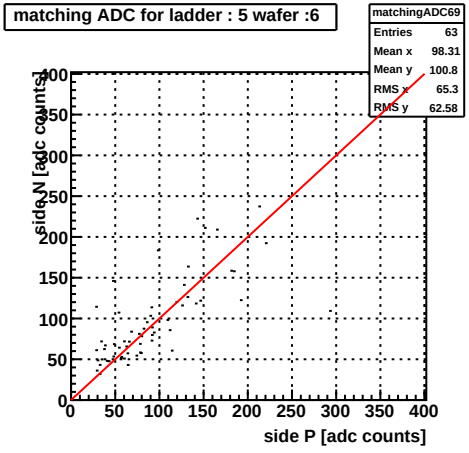

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 23
Mean x 77.43
Mean y 60.48
RMS x 40.16
RMS y 36.74
side N [adc counts]
side P [adc counts]

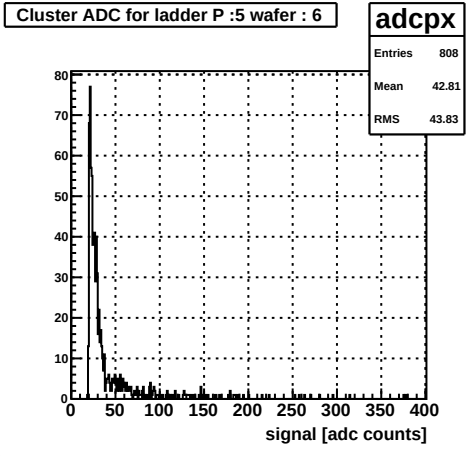

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 1456
Mean 28.46
RMS 17.96
signal [adc counts]

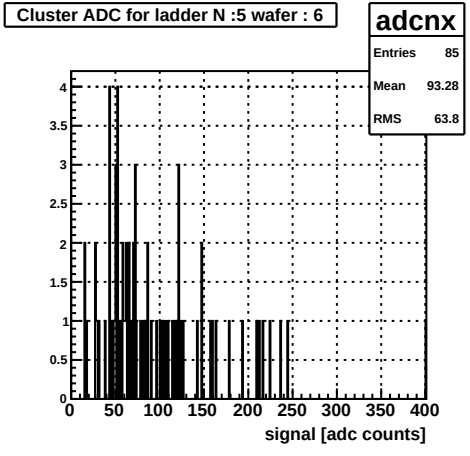

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 243
Mean 72.43
RMS 57.2
signal [adc counts]

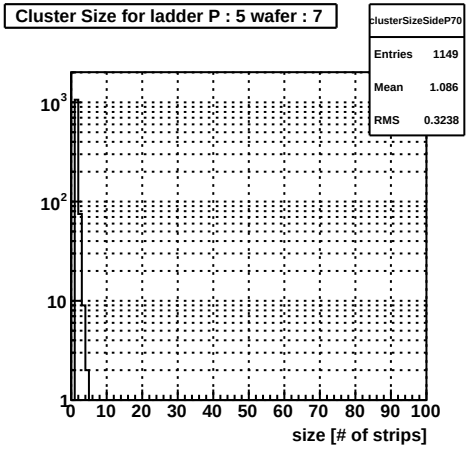

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 808
Mean 1.08
RMS 0.3102
size [# of strips]

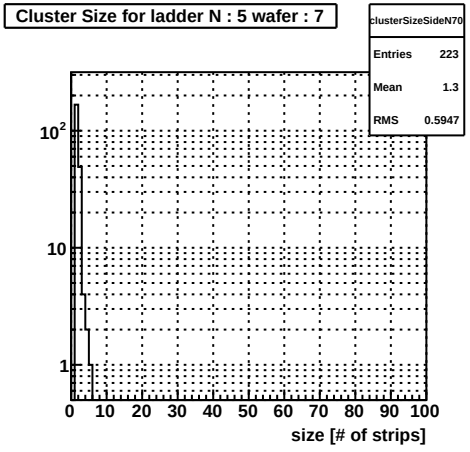

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 85
Mean 1.306
RMS 0.5744
size [# of strips]

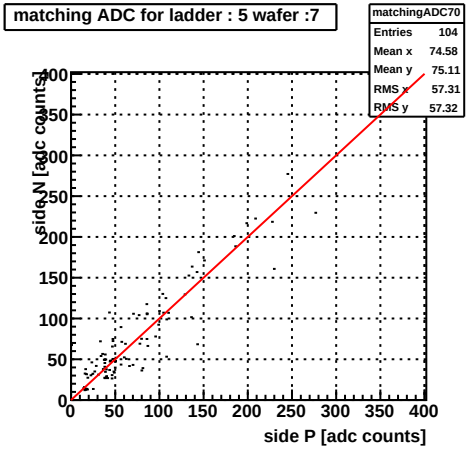

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 63
Mean x 98.31
Mean y 100.8
RMS x 65.3
RMS y 62.58
side N [adc counts]
side P [adc counts]

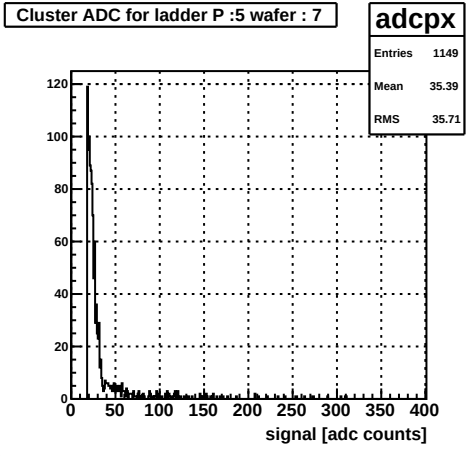

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 808
Mean 42.81
RMS 43.83
signal [adc counts]

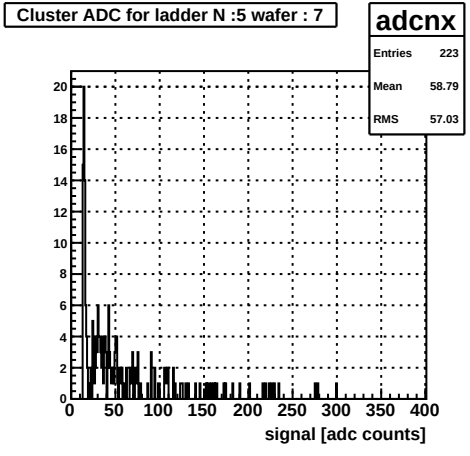

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 85
Mean 93.28
RMS 63.8
signal [adc counts]

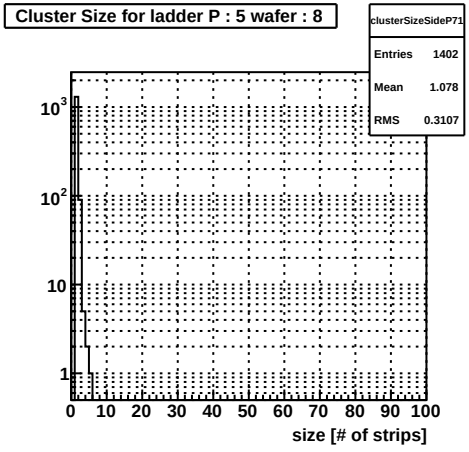

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 1149
Mean 1.086
RMS 0.3238
size [# of strips]

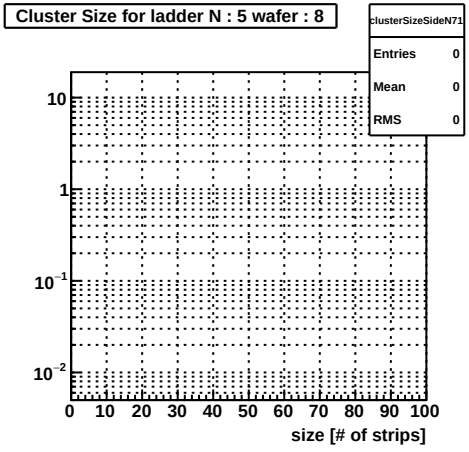

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 223
Mean 1.3
RMS 0.5947
size [# of strips]

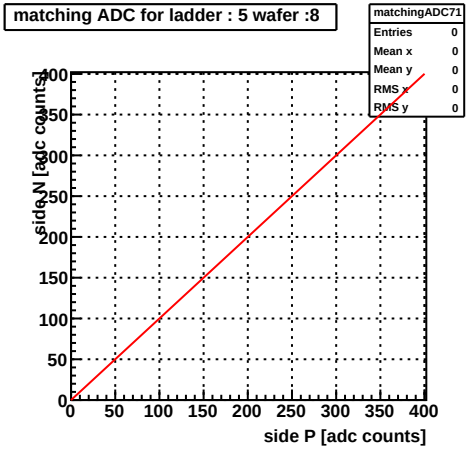

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 104
Mean x 74.58
Mean y 75.11
RMS x 57.31
RMS y 57.32
side N [adc counts]
side P [adc counts]

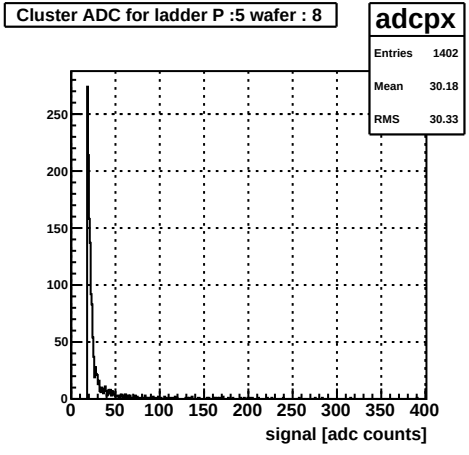

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 1149
Mean 35.39
RMS 35.71
signal [adc counts]

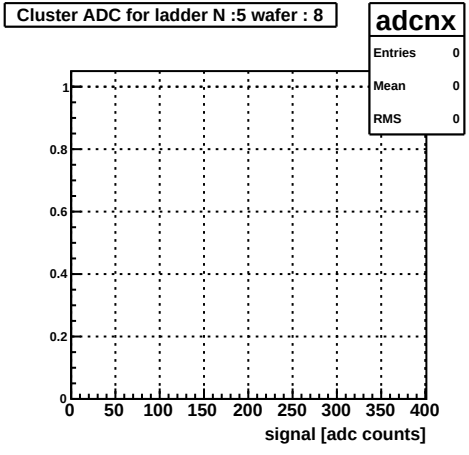

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 223
Mean 58.79
RMS 57.03
signal [adc counts]

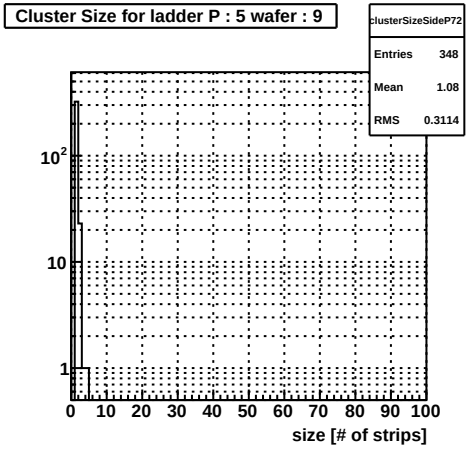

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 1402
Mean 1.078
RMS 0.3107
size [# of strips]

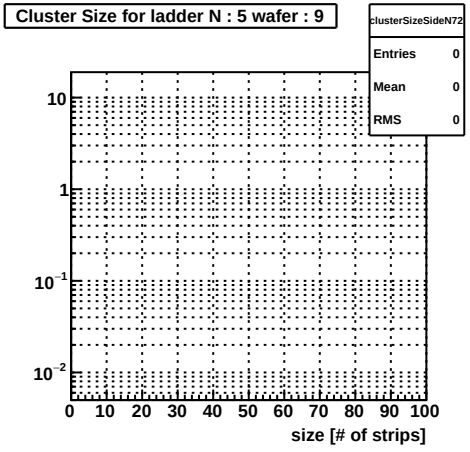

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

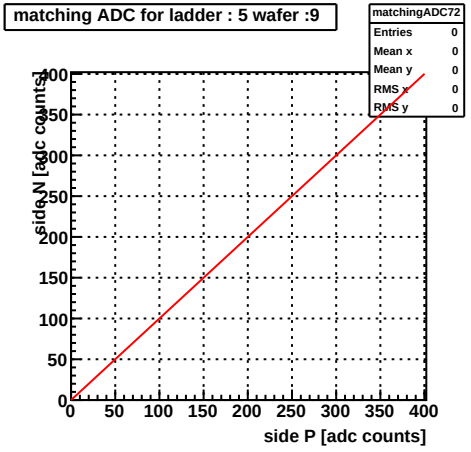

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

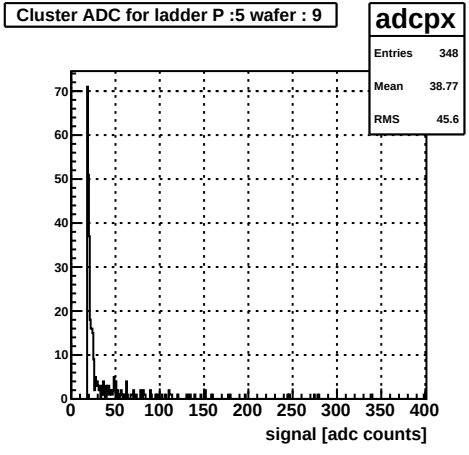

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 1402
Mean 30.18
RMS 30.33
signal [adc counts]

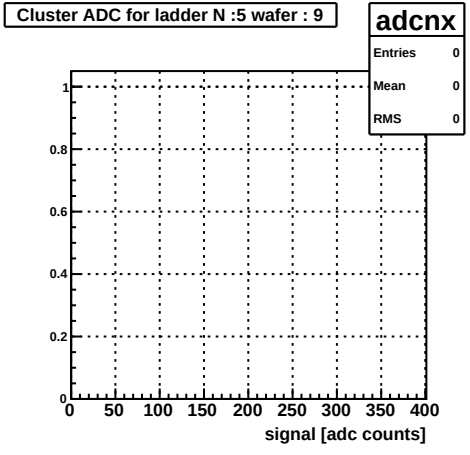

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

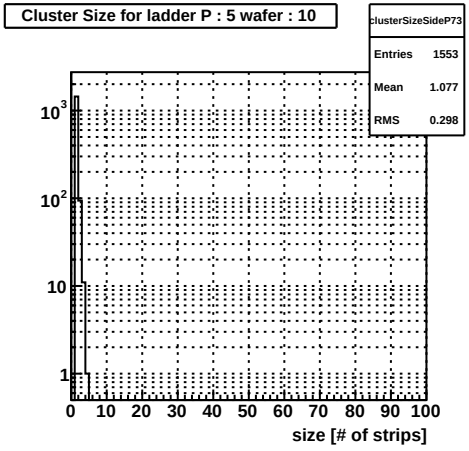

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 348
Mean 1.08
RMS 0.3114
size [# of strips]

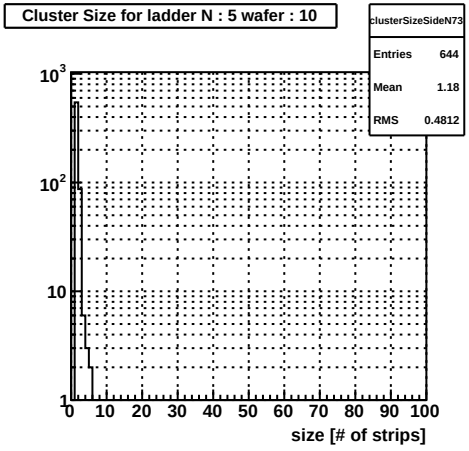

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

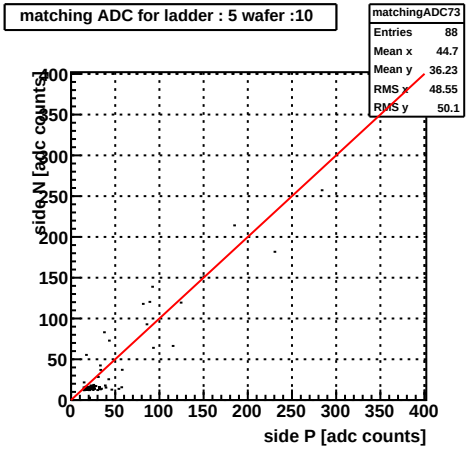

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

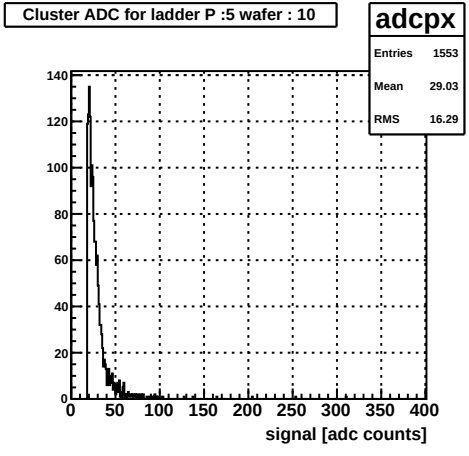

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 348
Mean 38.77
RMS 45.6
signal [adc counts]

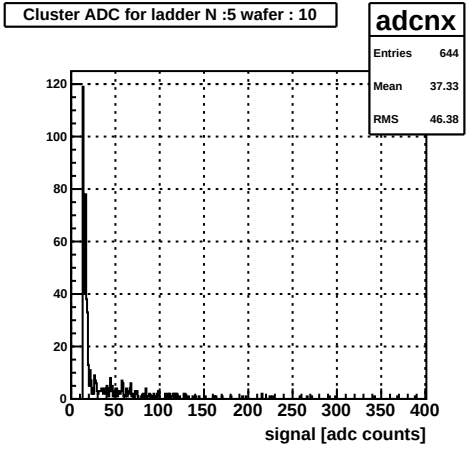

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

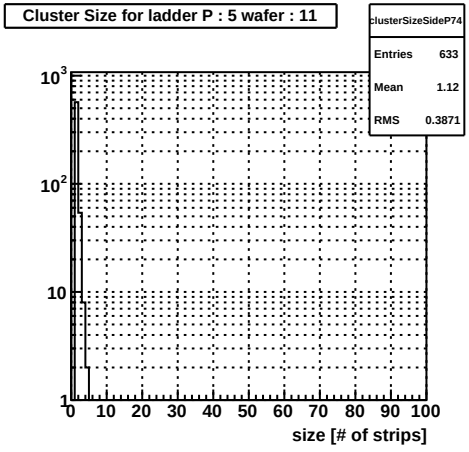

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 1553
Mean 1.077
RMS 0.298
size [# of strips]

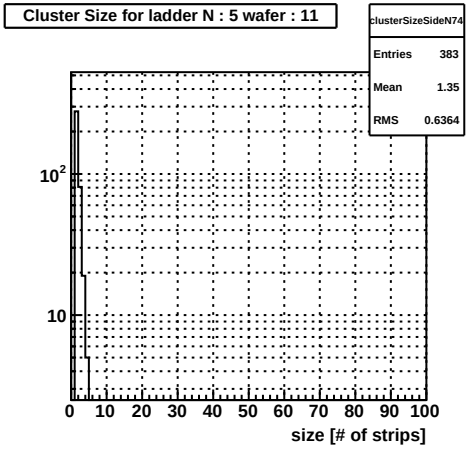

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 644
Mean 1.18
RMS 0.4812
size [# of strips]

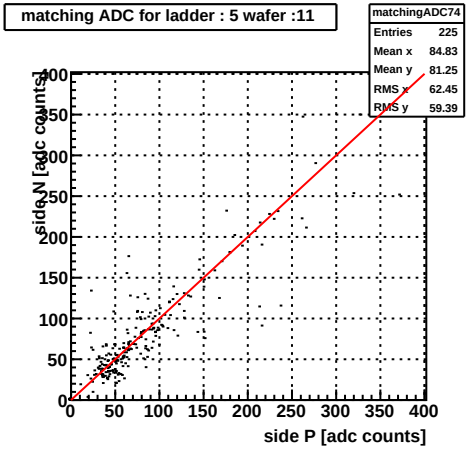

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 88
Mean x 44.7
Mean y 36.23
RMS x 48.55
RMS y 50.1
side N [adc counts]
side P [adc counts]

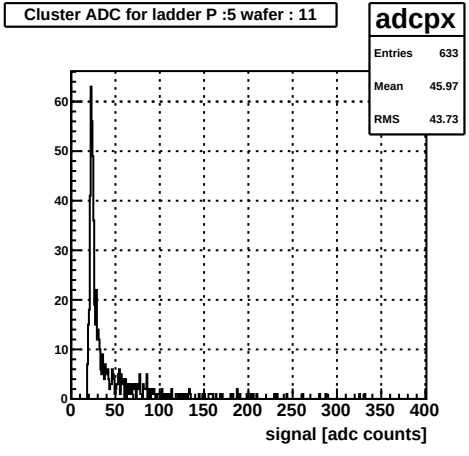

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 1553
Mean 29.03
RMS 16.29
signal [adc counts]

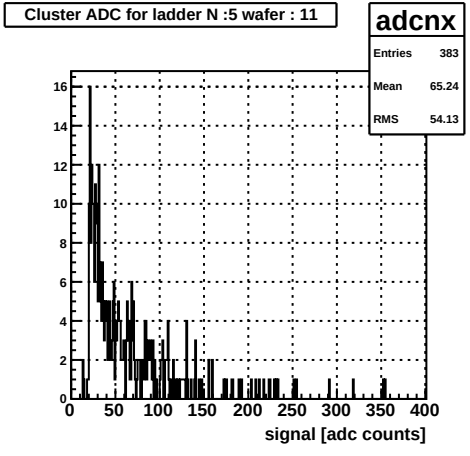

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 644
Mean 37.33
RMS 46.38
signal [adc counts]

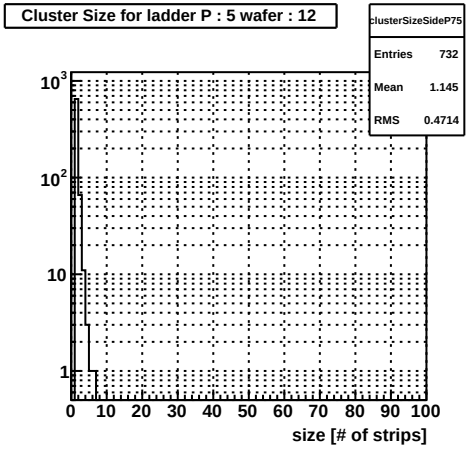

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 633
Mean 1.12
RMS 0.3871
size [# of strips]

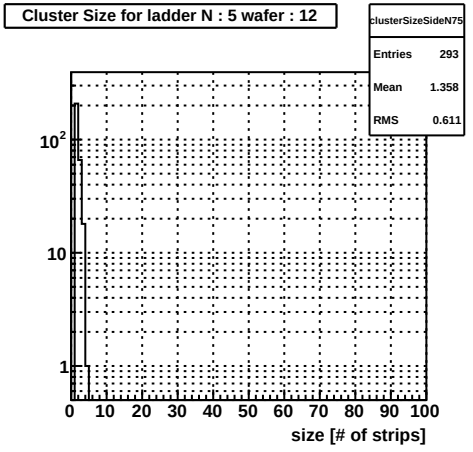

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 383
Mean 1.35
RMS 0.6364
size [# of strips]

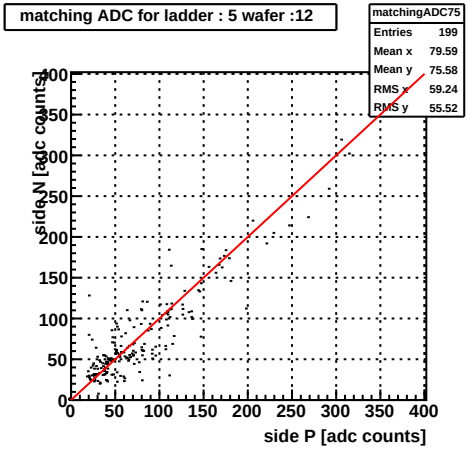

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 225
Mean x 84.83
Mean y 81.25
RMS x 62.45
RMS y 59.39
side N [adc counts]
side P [adc counts]

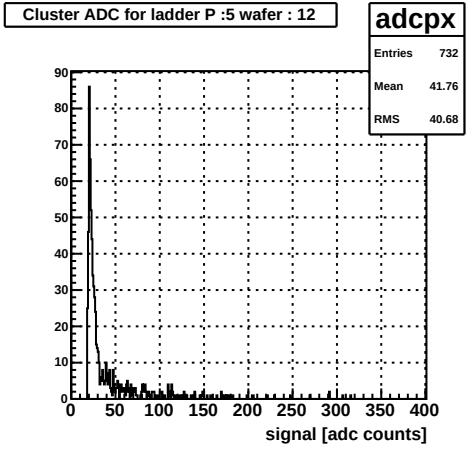

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 633
Mean 45.97
RMS 43.73
signal [adc counts]

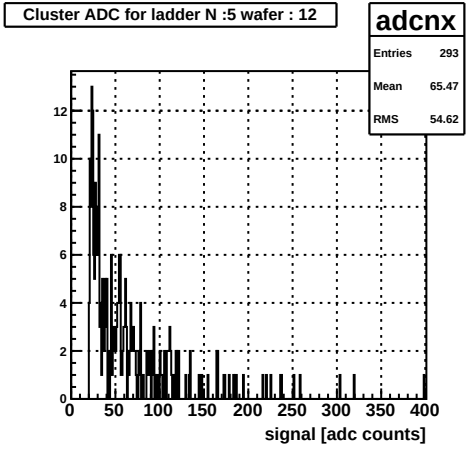

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 383
Mean 65.24
RMS 54.13
signal [adc counts]

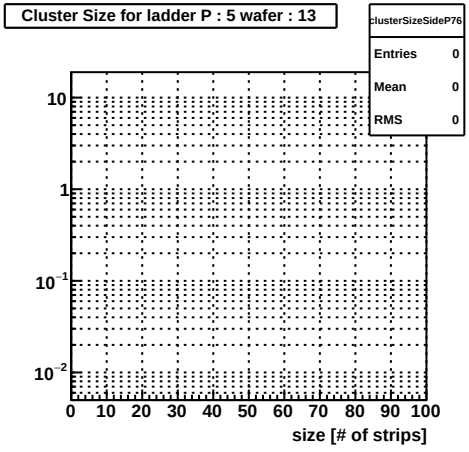

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 732
Mean 1.145
RMS 0.4714
size [# of strips]

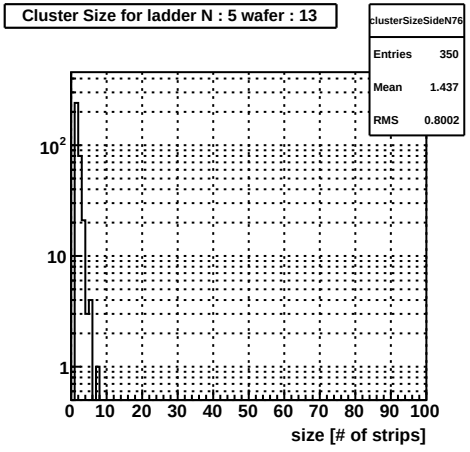

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 293
Mean 1.358
RMS 0.611
size [# of strips]

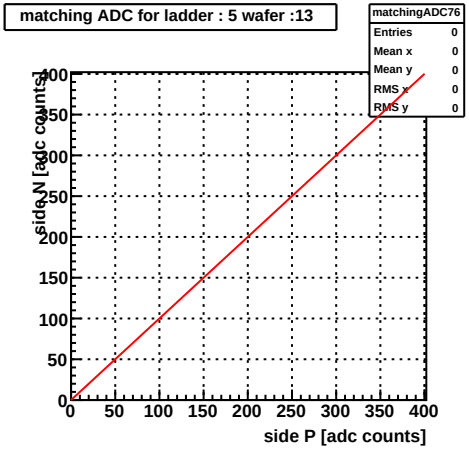

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 199
Mean x 79.59
Mean y 75.58
RMS x 59.24
RMS y 55.52
side N [adc counts]
side P [adc counts]

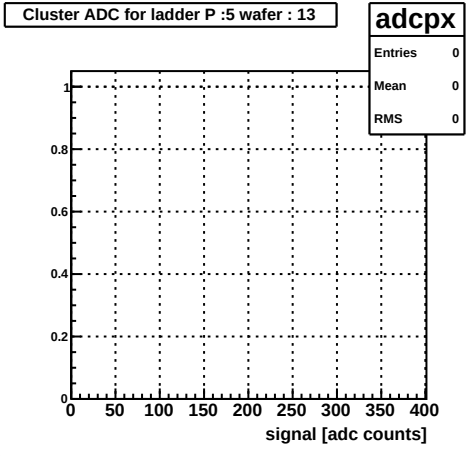

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 732
Mean 41.76
RMS 40.68
signal [adc counts]

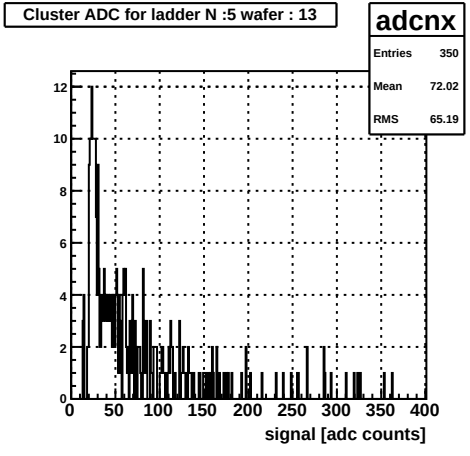

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 293
Mean 65.47
RMS 54.62
signal [adc counts]

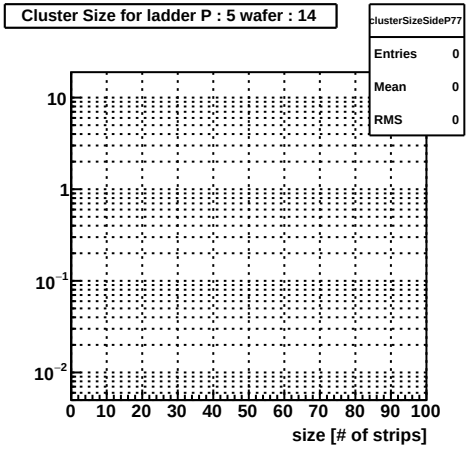

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

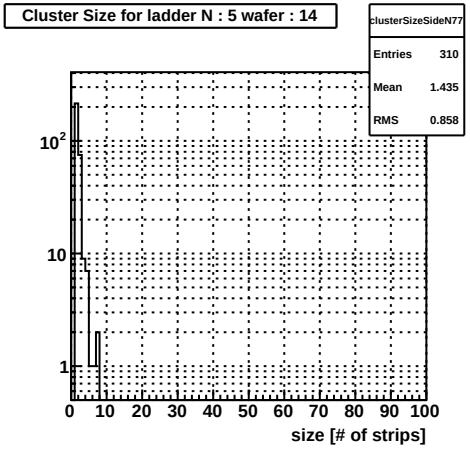

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 350
Mean 1.437
RMS 0.8002
size [# of strips]

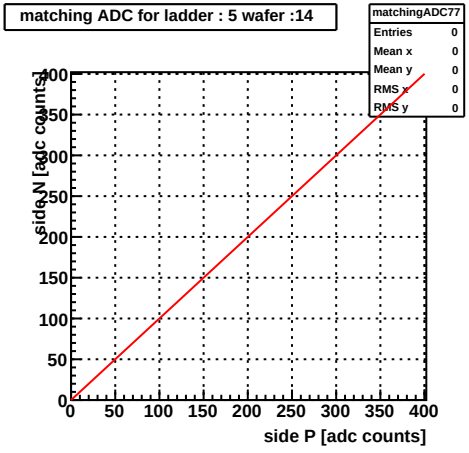

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

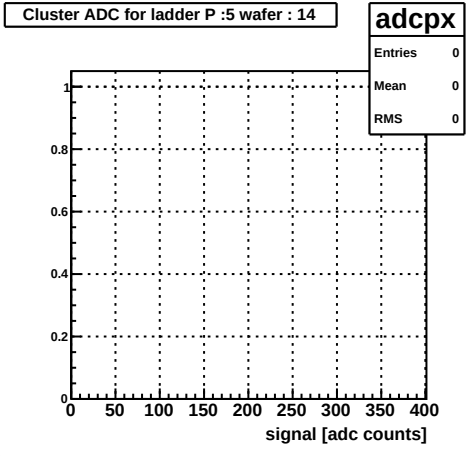

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

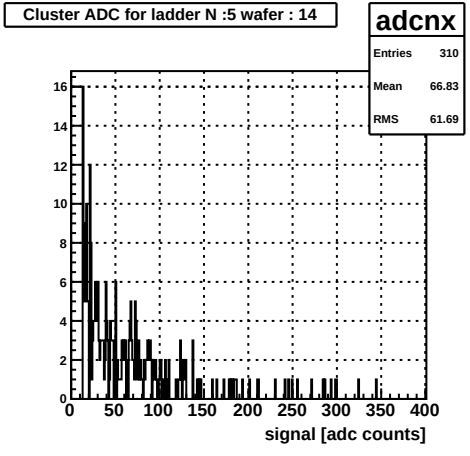

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 350
Mean 72.02
RMS 65.19
signal [adc counts]

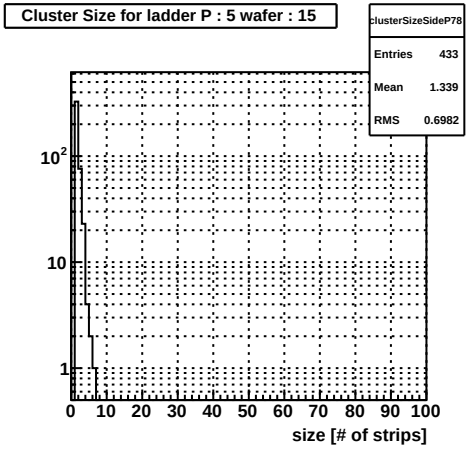

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

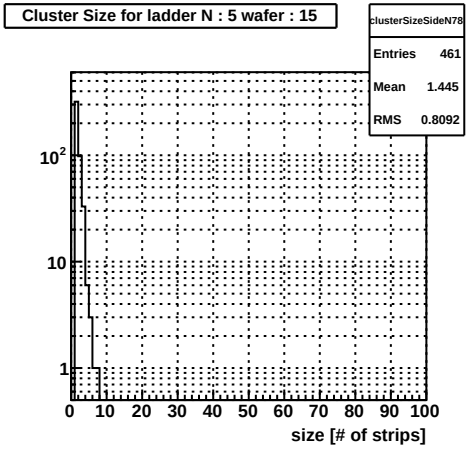

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 310
Mean 1.435
RMS 0.858
size [# of strips]

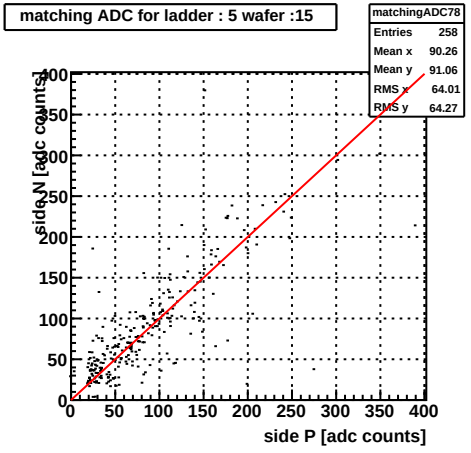

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

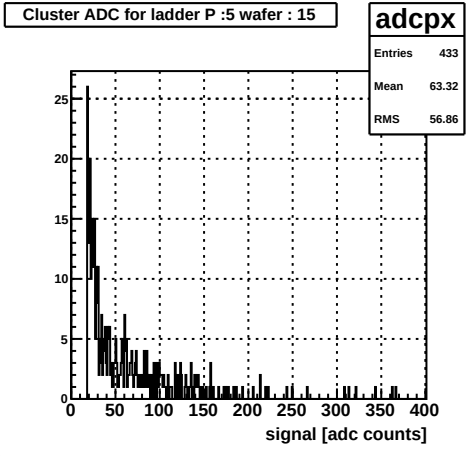

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

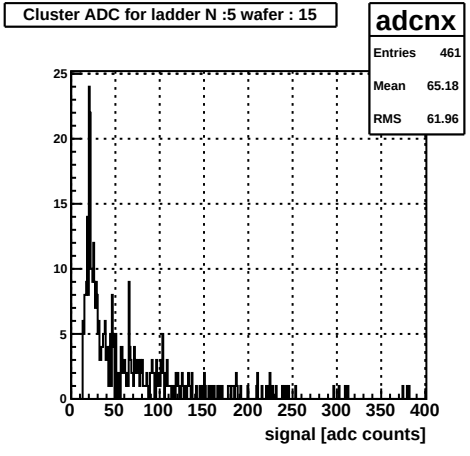

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 310
Mean 66.83
RMS 61.69
signal [adc counts]

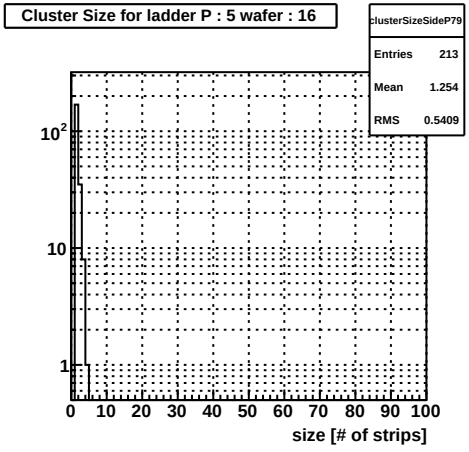

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 433
Mean 1.339
RMS 0.6982
size [# of strips]

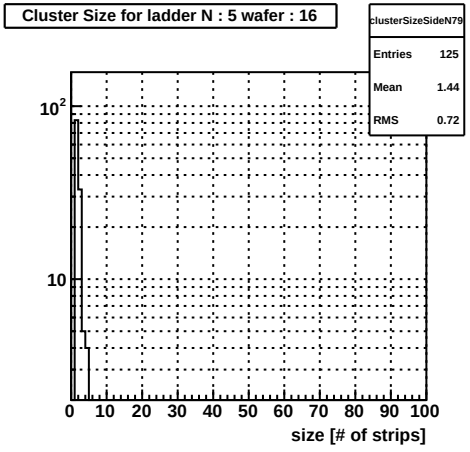

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 461
Mean 1.445
RMS 0.8092
size [# of strips]

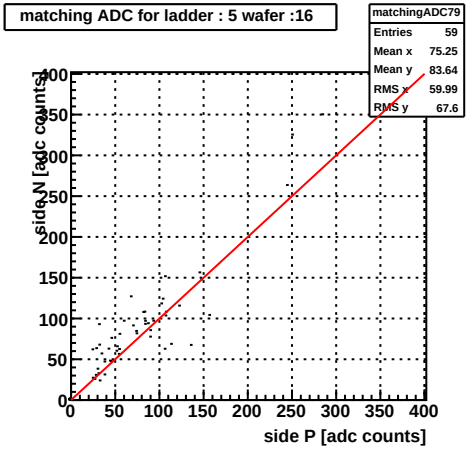

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 258
Mean x 90.26
Mean y 91.06
RMS x 64.01
RMS y 64.27
side N [adc counts]
side P [adc counts]

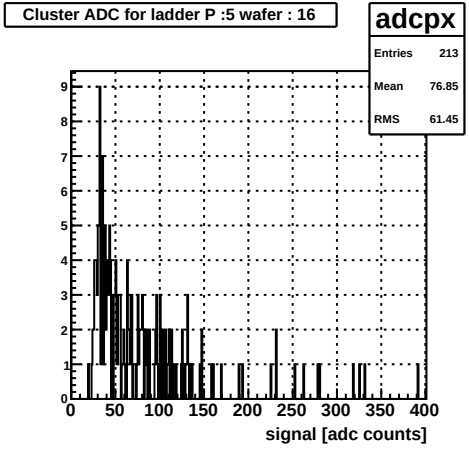

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 433
Mean 63.32
RMS 56.86
signal [adc counts]

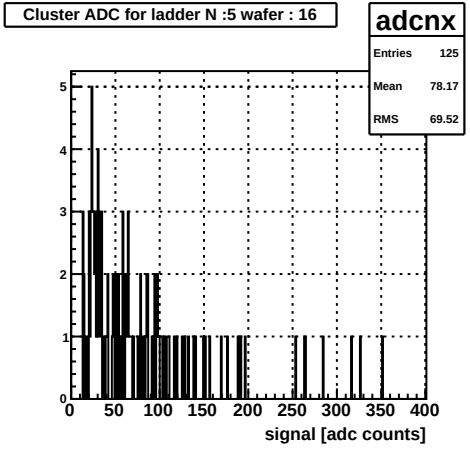

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 461
Mean 65.18
RMS 61.96
signal [adc counts]

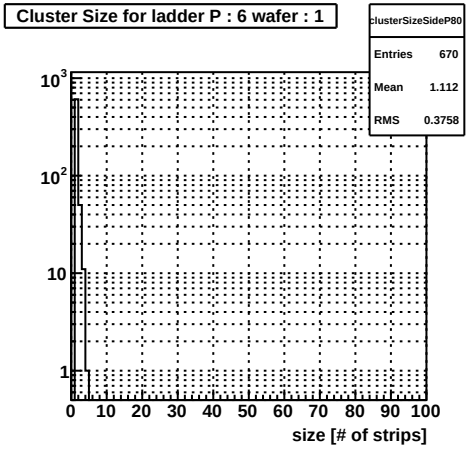

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 213
Mean 1.254
RMS 0.5409
size [# of strips]

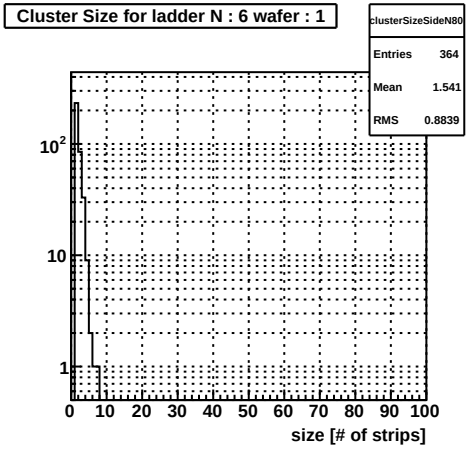

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 125
Mean 1.44
RMS 0.72
size [# of strips]

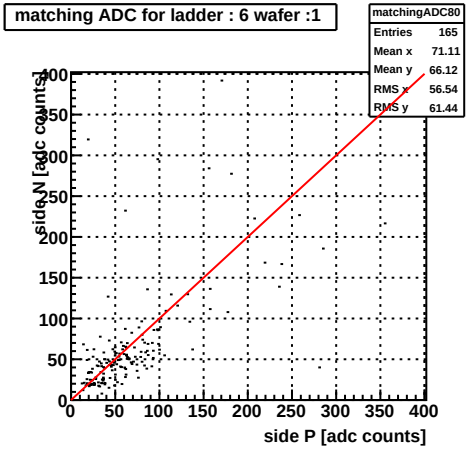

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 59
Mean x 75.25
Mean y 83.64
RMS x 59.99
RMS y 67.6
side N [adc counts]
side P [adc counts]

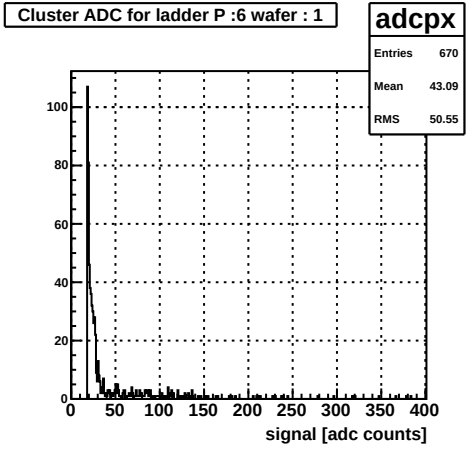

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 213
Mean 76.85
RMS 61.45
signal [adc counts]

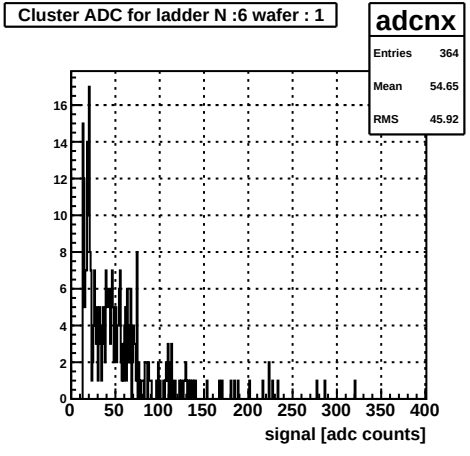

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 125
Mean 78.17
RMS 69.52
signal [adc counts]

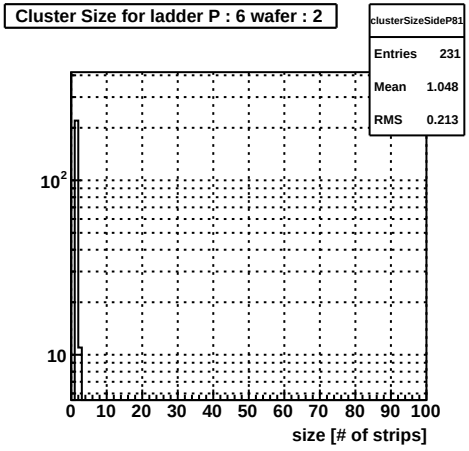

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 670
Mean 1.112
RMS 0.3758
size [# of strips]

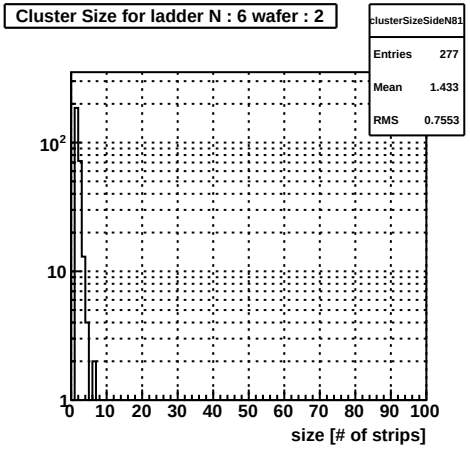

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 364
Mean 1.541
RMS 0.8839
size [# of strips]

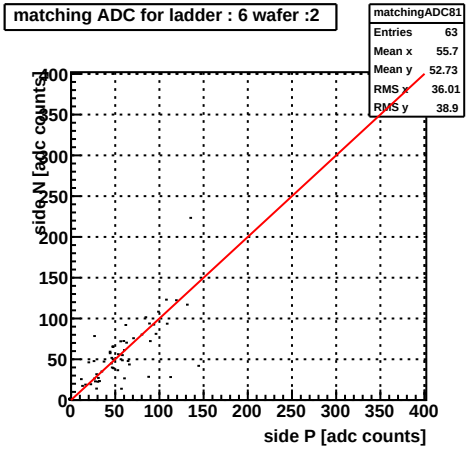

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 165
Mean x 71.11
Mean y 66.12
RMS x 56.54
RMS y 61.44
side N [adc counts]
side P [adc counts]

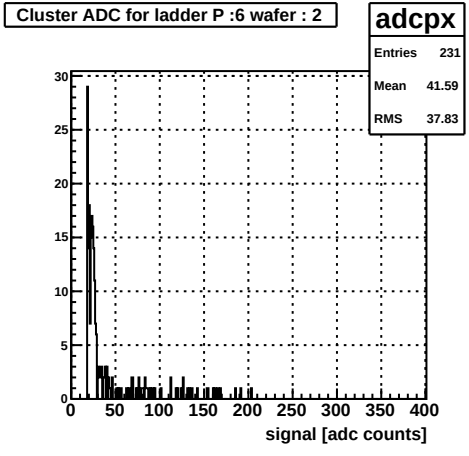

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 670
Mean 43.09
RMS 50.55
signal [adc counts]

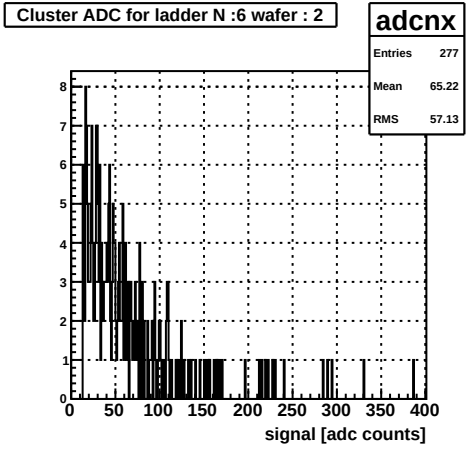

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 364
Mean 54.65
RMS 45.92
signal [adc counts]

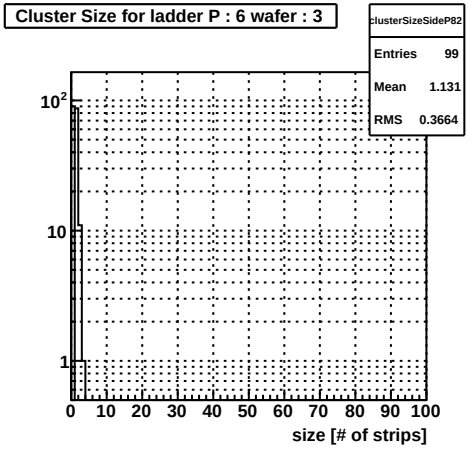

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 231
Mean 1.048
RMS 0.213
size [# of strips]

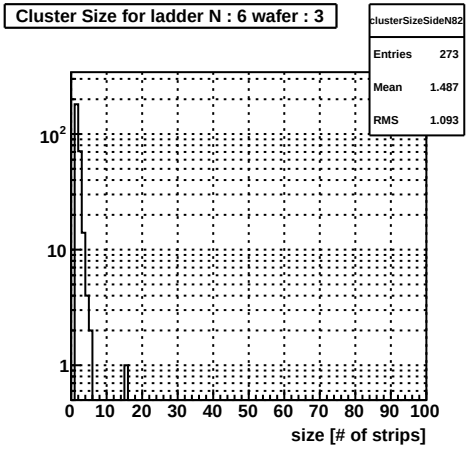

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 277
Mean 1.433
RMS 0.7553
size [# of strips]

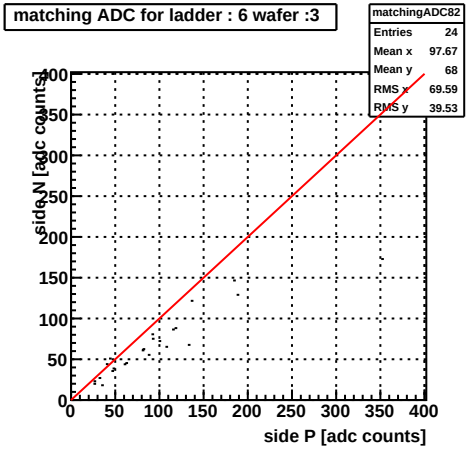

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 63
Mean x 55.7
Mean y 52.73
RMS x 36.01
RMS y 38.9
side N [adc counts]
side P [adc counts]

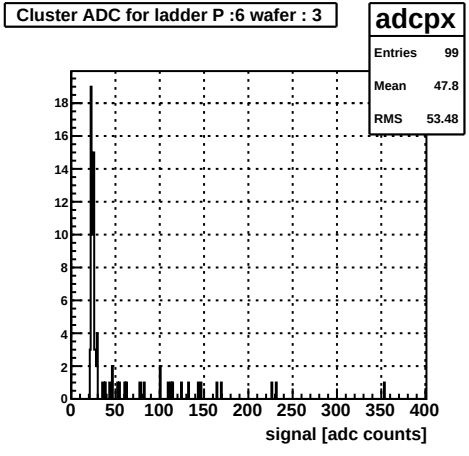

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 231
Mean 41.59
RMS 37.83
signal [adc counts]

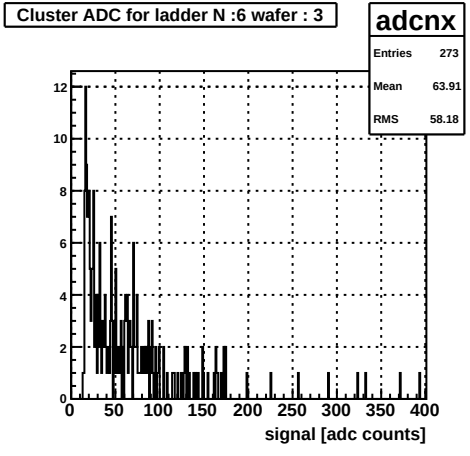

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 277
Mean 65.22
RMS 57.13
signal [adc counts]

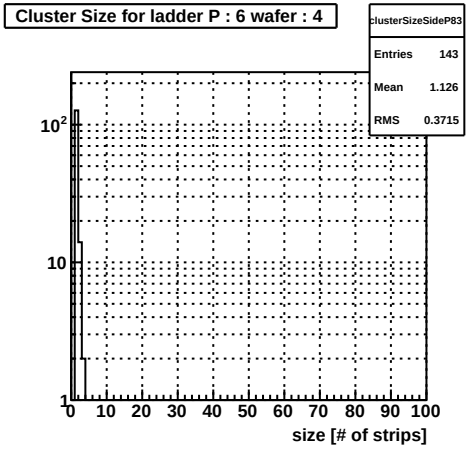

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 99
Mean 1.131
RMS 0.3664
size [# of strips]

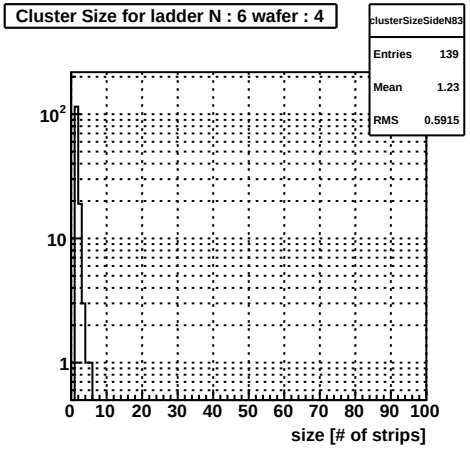

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 273
Mean 1.487
RMS 1.093
size [# of strips]

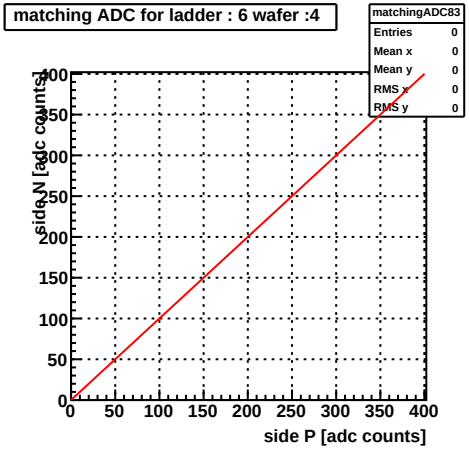

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 24
Mean x 97.67
Mean y 68
RMS x 69.59
RMS y 39.53
side N [adc counts]
side P [adc counts]

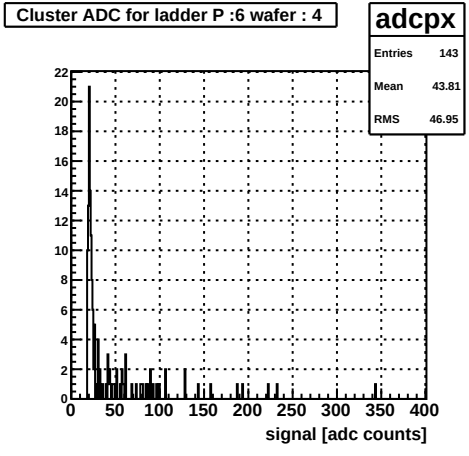

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 99
Mean 47.8
RMS 53.48
signal [adc counts]

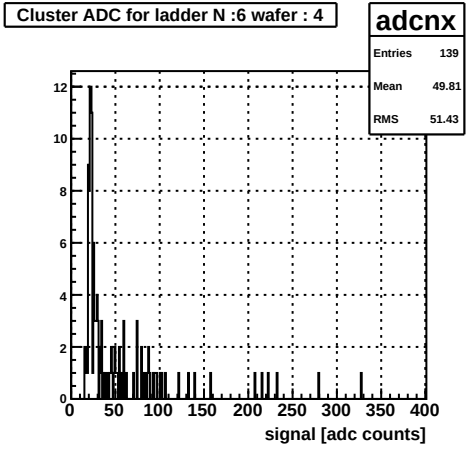

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 273
Mean 63.91
RMS 58.18
signal [adc counts]

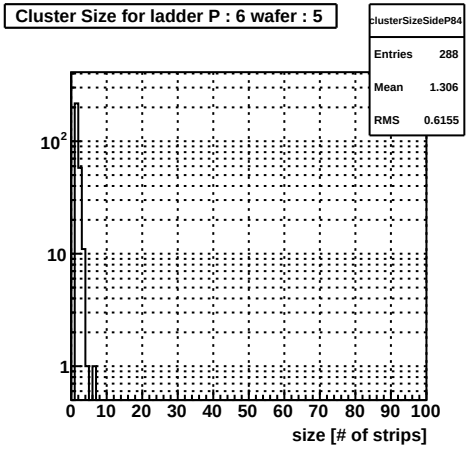

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 143
Mean 1.126
RMS 0.3715
size [# of strips]

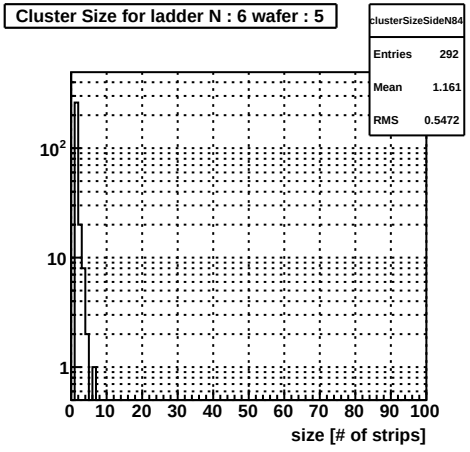

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 139
Mean 1.23
RMS 0.5915
size [# of strips]

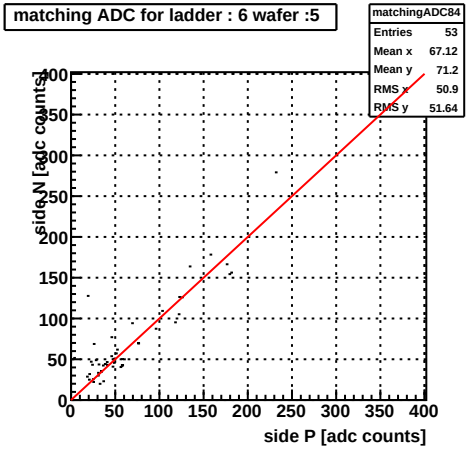

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

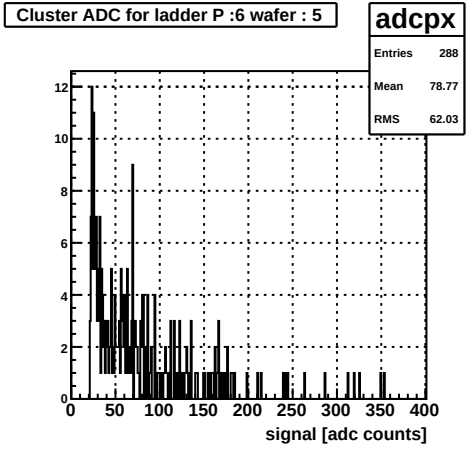

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 143
Mean 43.81
RMS 46.95
signal [adc counts]

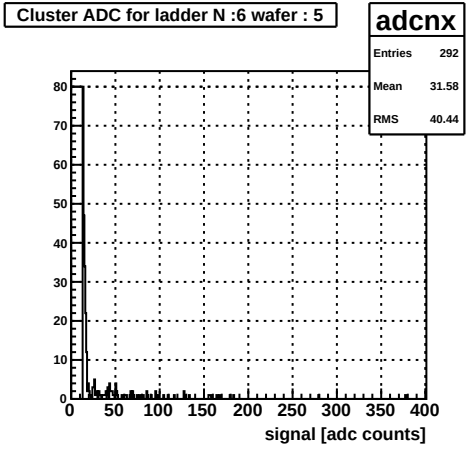

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 139
Mean 49.81
RMS 51.43
signal [adc counts]

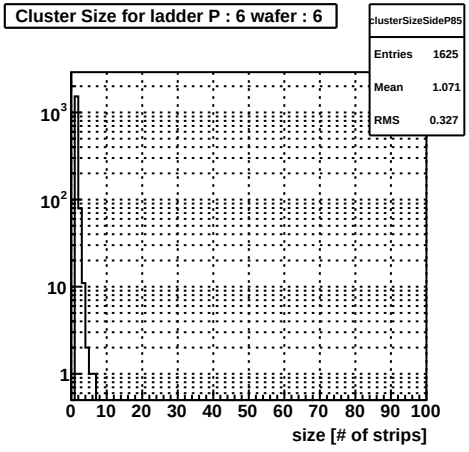

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 288
Mean 1.306
RMS 0.6155
size [# of strips]

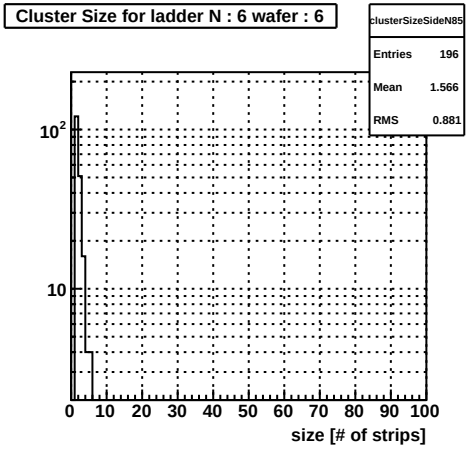

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 292
Mean 1.161
RMS 0.5472
size [# of strips]

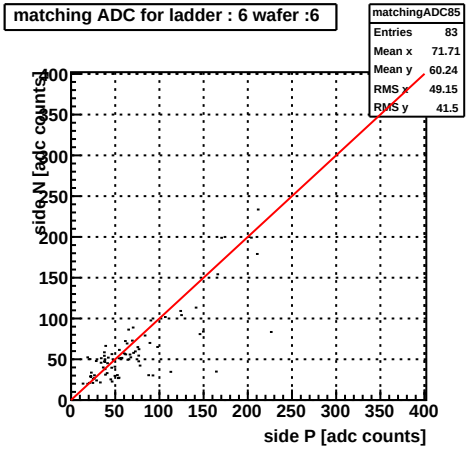

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 53
Mean x 67.12
Mean y 71.2
RMS x 50.9
RMS y 51.64
side N [adc counts]
side P [adc counts]

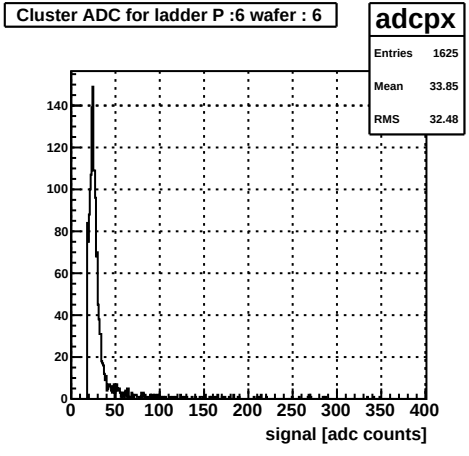

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 288
Mean 78.77
RMS 62.03
signal [adc counts]

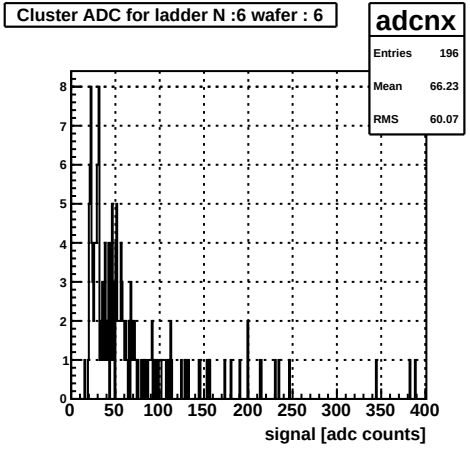

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 292
Mean 31.58
RMS 40.44
signal [adc counts]

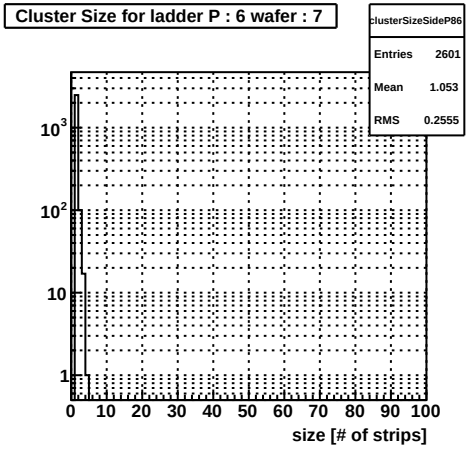

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 1625
Mean 1.071
RMS 0.327
size [# of strips]

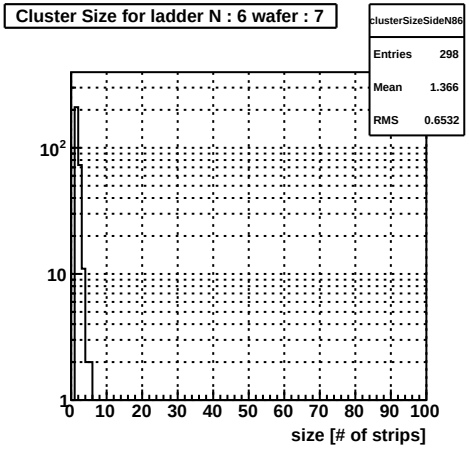

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 196
Mean 1.566
RMS 0.881
size [# of strips]

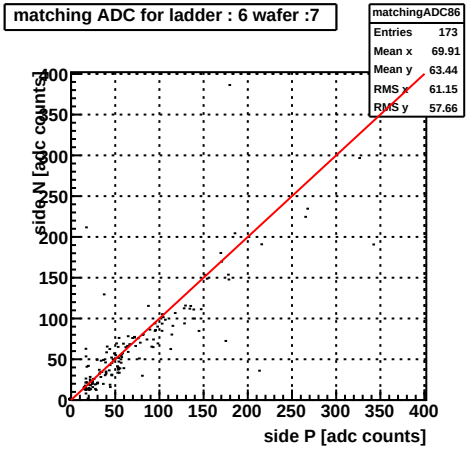

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 83
Mean x 71.71
Mean y 60.24
RMS x 49.15
RMS y 41.5
side N [adc counts]
side P [adc counts]

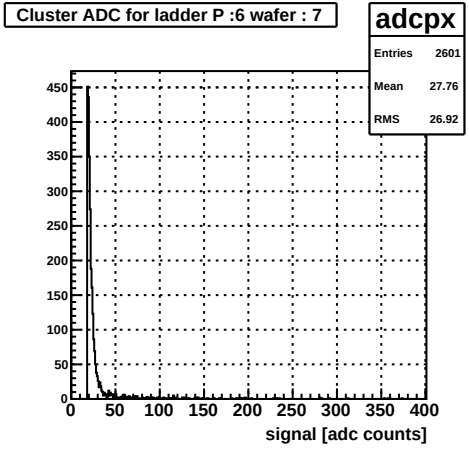

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 1625
Mean 33.85
RMS 32.48
signal [adc counts]

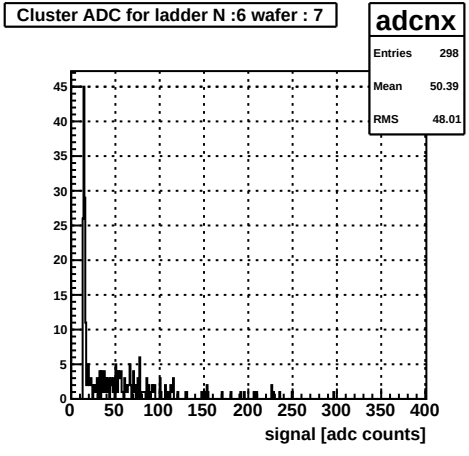

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 196
Mean 66.23
RMS 60.07
signal [adc counts]

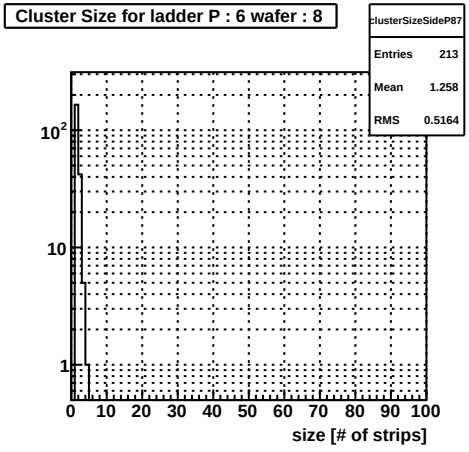

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 2601
Mean 1.053
RMS 0.2555
size [# of strips]

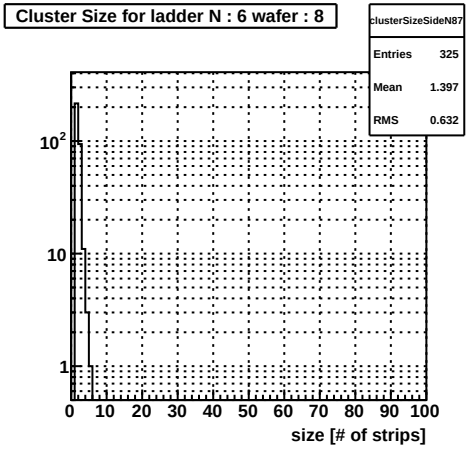

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 298
Mean 1.366
RMS 0.6532
size [# of strips]

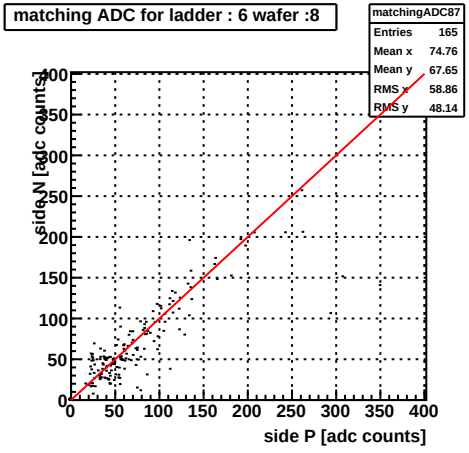

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 173
Mean x 69.91
Mean y 63.44
RMS x 61.15
RMS y 57.66
side N [adc counts]
side P [adc counts]

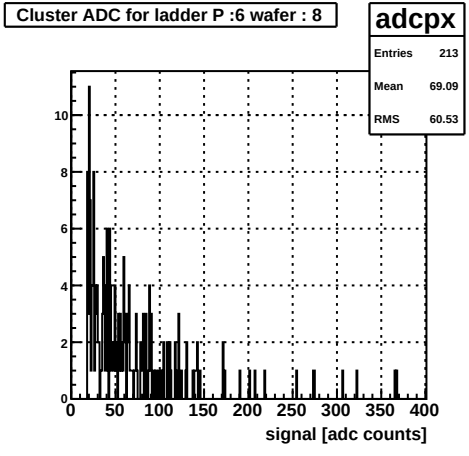

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 2601
Mean 27.76
RMS 26.92
signal [adc counts]

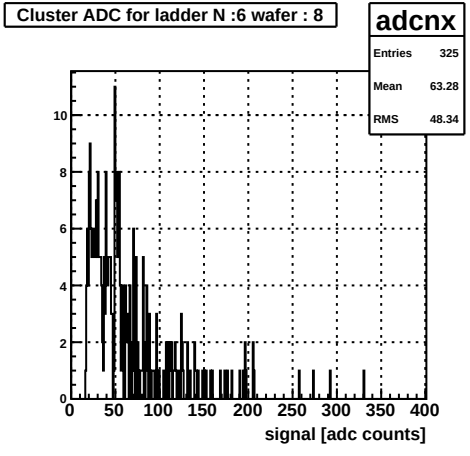

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 298
Mean 50.39
RMS 48.01
signal [adc counts]

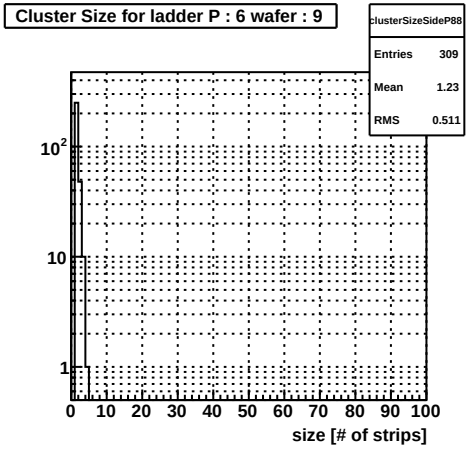

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 213
Mean 1.258
RMS 0.5164
size [# of strips]

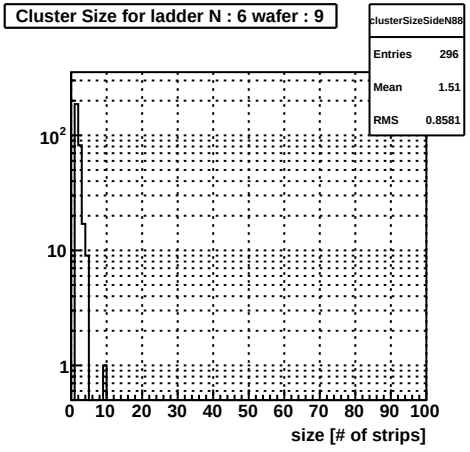

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 325
Mean 1.397
RMS 0.632
size [# of strips]

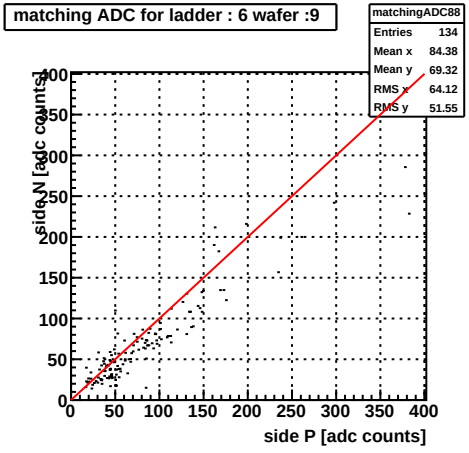

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 165
Mean x 74.76
Mean y 67.65
RMS x 58.86
RMS y 48.14
side N [adc counts]
side P [adc counts]

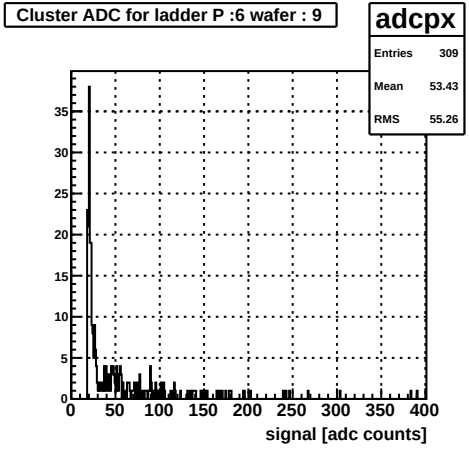

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 213
Mean 69.09
RMS 60.53
signal [adc counts]

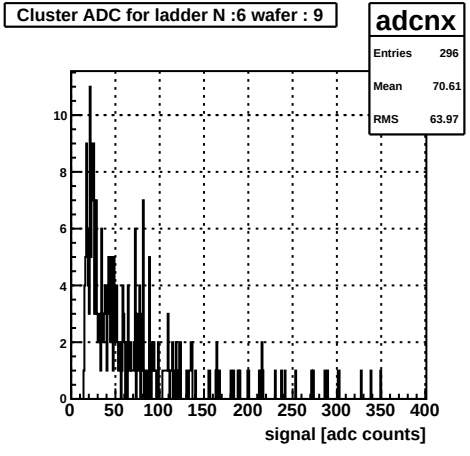

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 325
Mean 63.28
RMS 48.34
signal [adc counts]

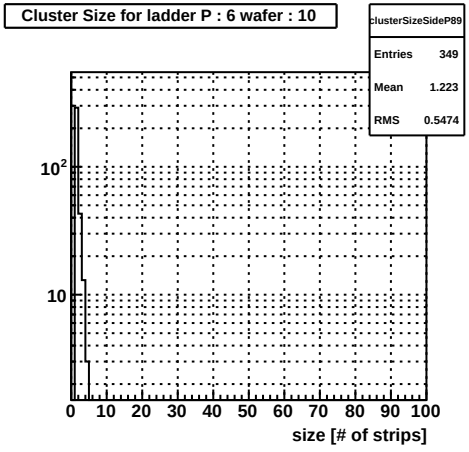

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 309
Mean 1.23
RMS 0.511
size [# of strips]

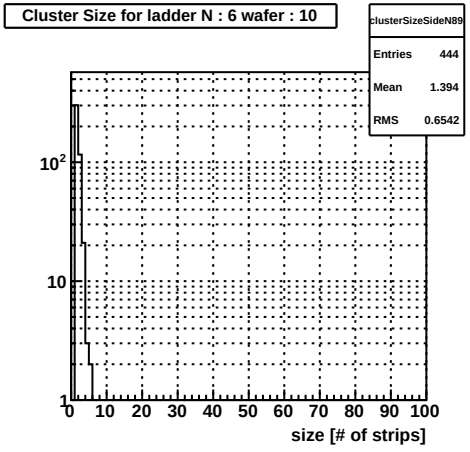

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 296
Mean 1.51
RMS 0.8581
size [# of strips]

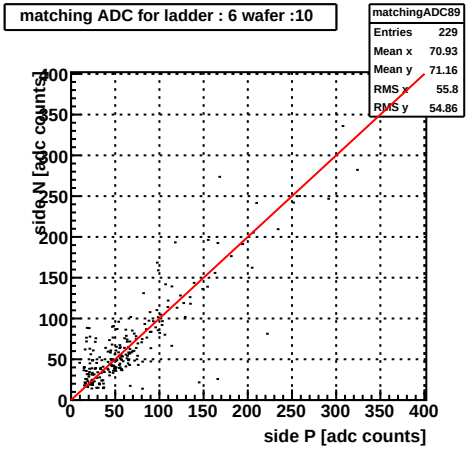

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 134
Mean x 84.38
Mean y 69.32
RMS x 64.12
RMS y 51.55
side N [adc counts]
side P [adc counts]

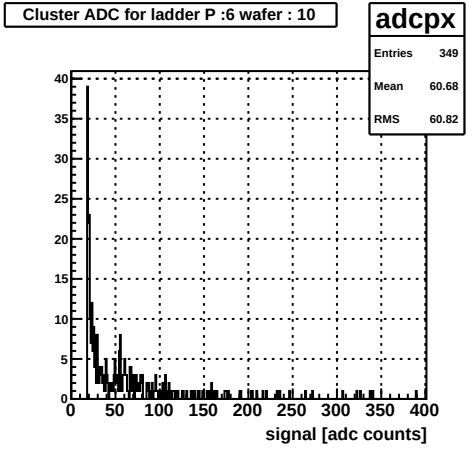

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 309
Mean 53.43
RMS 55.26
signal [adc counts]

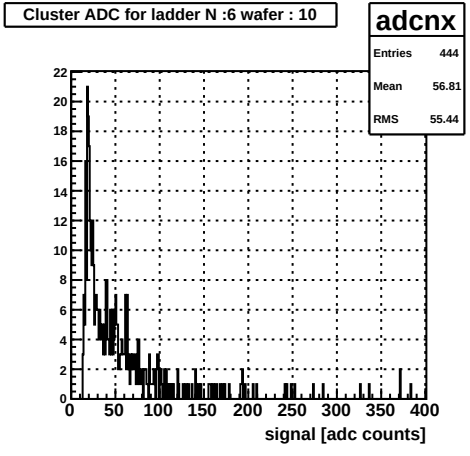

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 296
Mean 70.61
RMS 63.97
signal [adc counts]

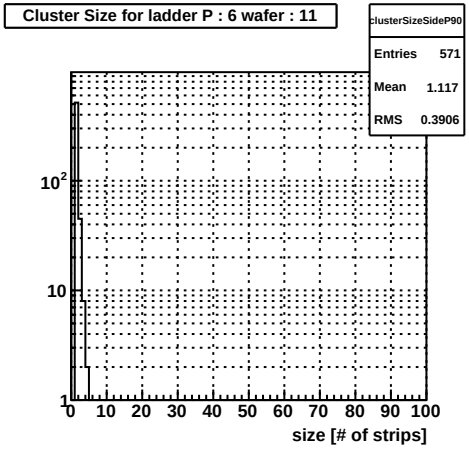

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 349
Mean 1.223
RMS 0.5474
size [# of strips]

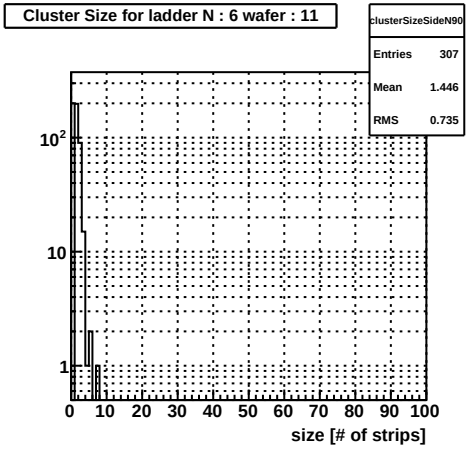

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 444
Mean 1.394
RMS 0.6542
size [# of strips]

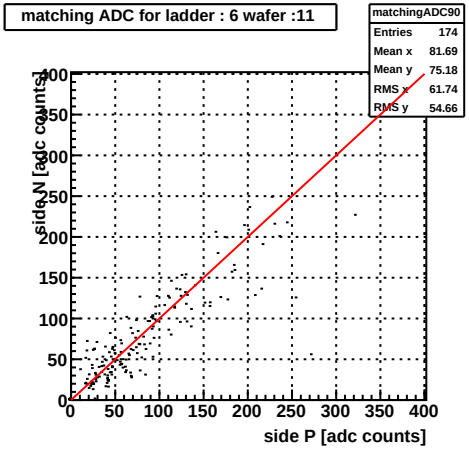

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 229
Mean x 70.93
Mean y 71.16
RMS x 55.8
RMS y 54.86
side N [adc counts]
side P [adc counts]

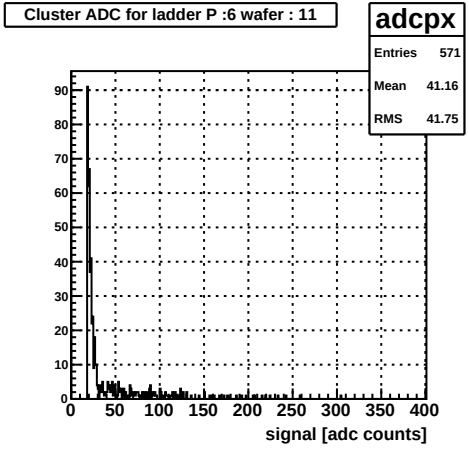

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 349
Mean 60.68
RMS 60.82
signal [adc counts]

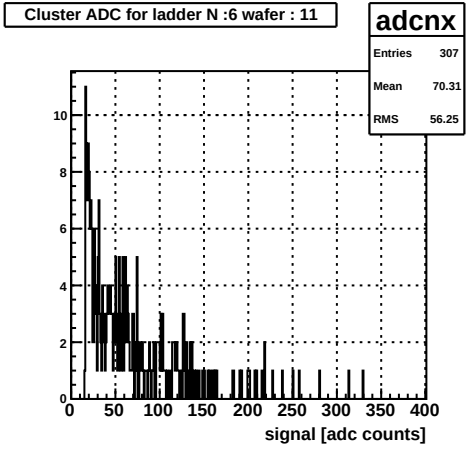

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 444
Mean 56.81
RMS 55.44
signal [adc counts]

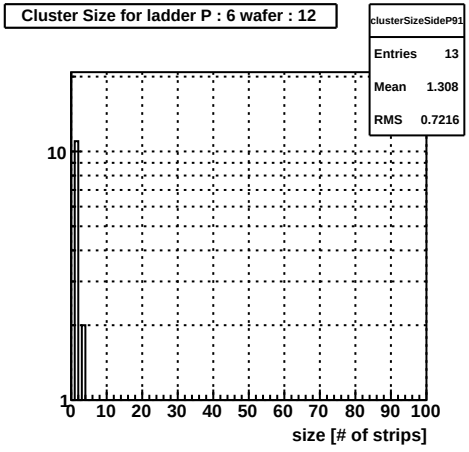

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 571
Mean 1.117
RMS 0.3906
size [# of strips]

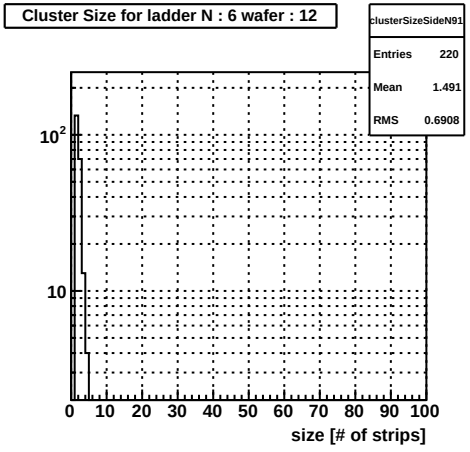

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 307
Mean 1.446
RMS 0.735
size [# of strips]

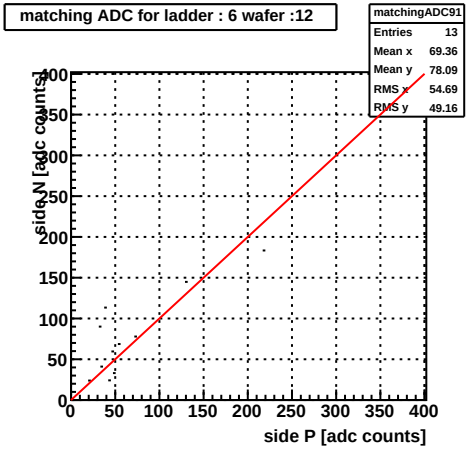

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 174
Mean x 81.69
Mean y 75.18
RMS x 61.74
RMS y 54.66
side N [adc counts]
side P [adc counts]

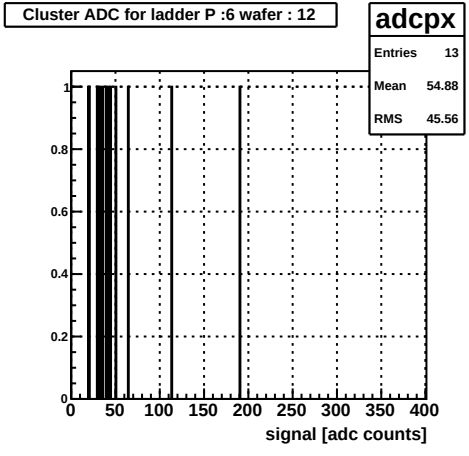

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 571
Mean 41.16
RMS 41.75
signal [adc counts]

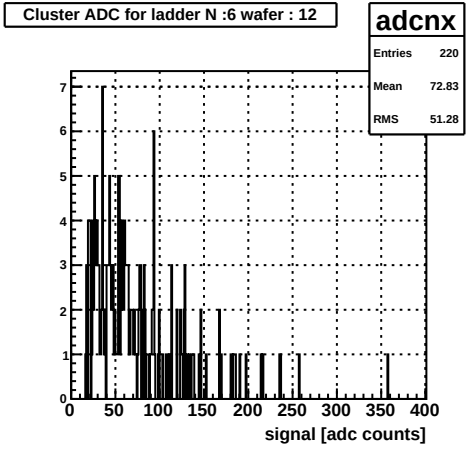

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 307
Mean 70.31
RMS 56.25
signal [adc counts]

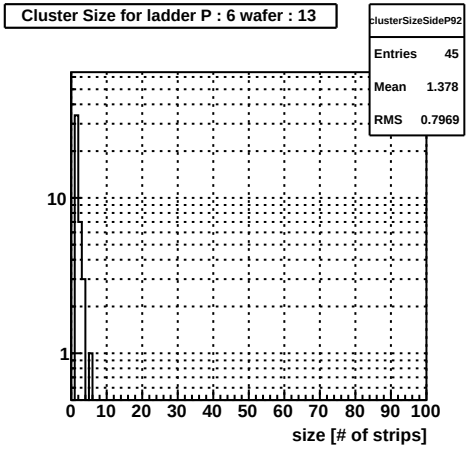

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 13
Mean 1.308
RMS 0.7216
size [# of strips]

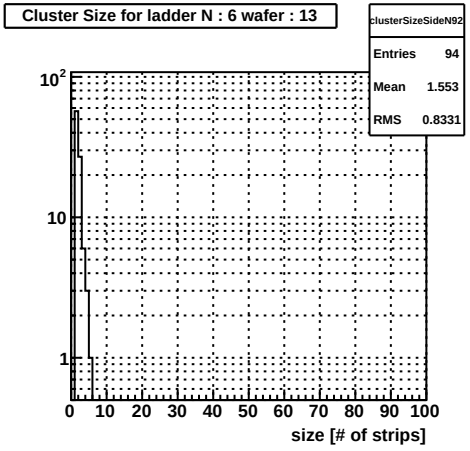

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 220
Mean 1.491
RMS 0.6908
size [# of strips]

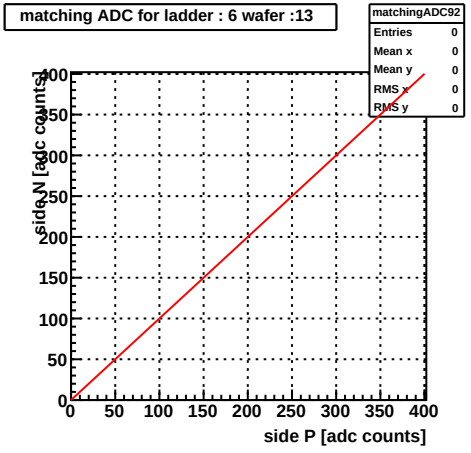

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 13
Mean x 69.36
Mean y 78.09
RMS x 54.69
RMS y 49.16
side N [adc counts]
side P [adc counts]

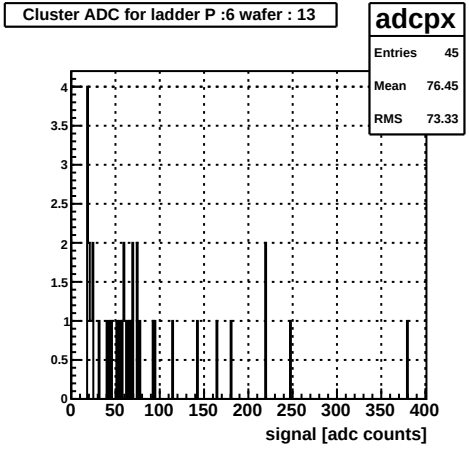

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 13
Mean 54.88
RMS 45.56
signal [adc counts]

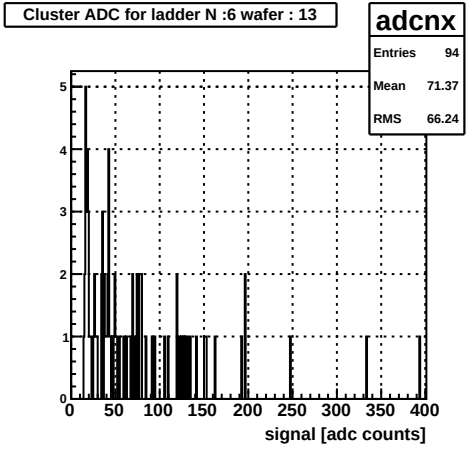

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 220
Mean 72.83
RMS 51.28
signal [adc counts]

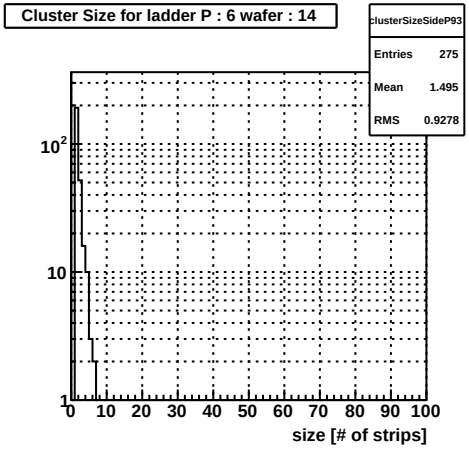

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 45
Mean 1.378
RMS 0.7969
size [# of strips]

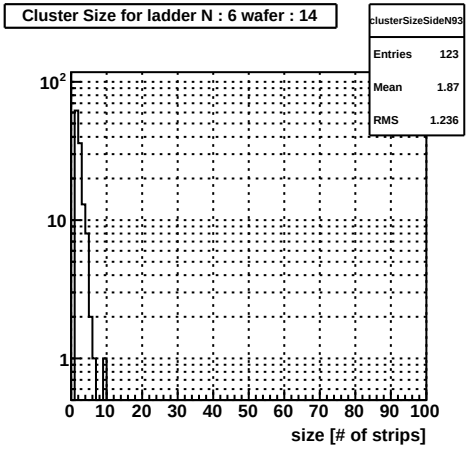

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 94
Mean 1.553
RMS 0.8331
size [# of strips]

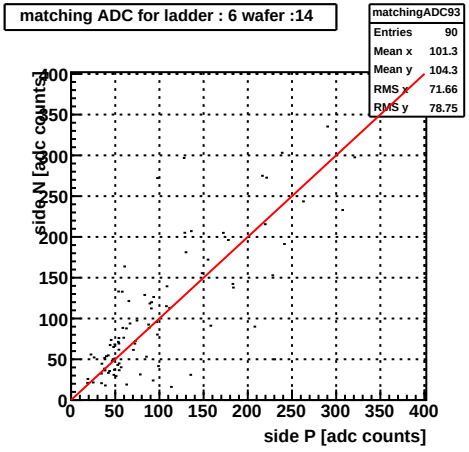

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

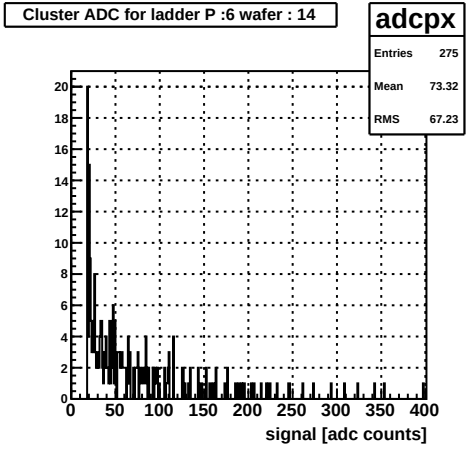

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 45
Mean 76.45
RMS 73.33
signal [adc counts]

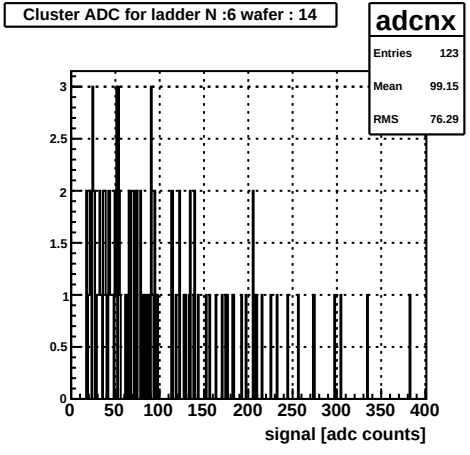

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 94
Mean 71.37
RMS 66.24
signal [adc counts]

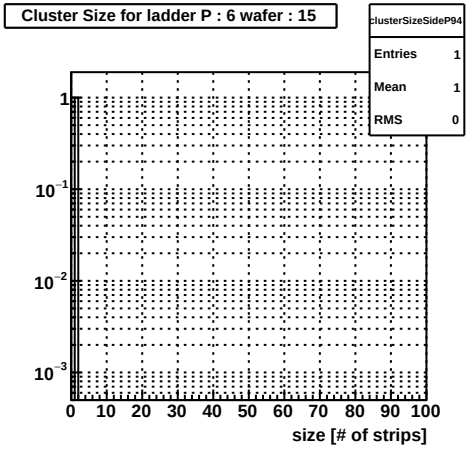

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 275
Mean 1.495
RMS 0.9278
size [# of strips]

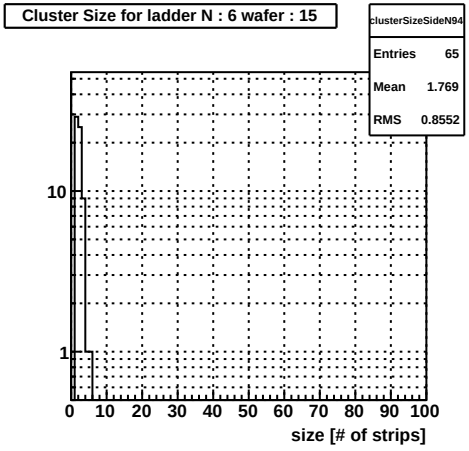

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 123
Mean 1.87
RMS 1.236
size [# of strips]

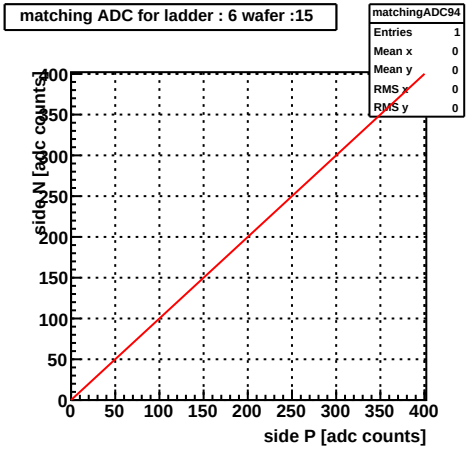

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 90
Mean x 101.3
Mean y 104.3
RMS x 71.66
RMS y 78.75
side N [adc counts]
side P [adc counts]

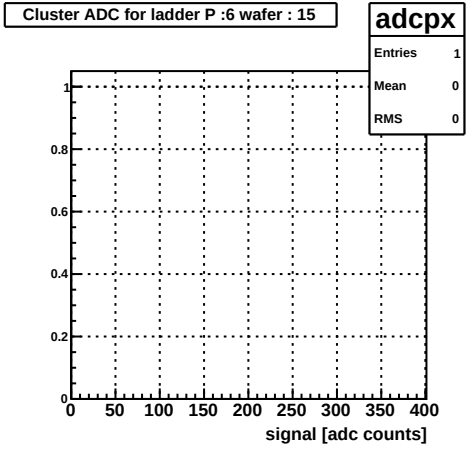

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 275
Mean 73.32
RMS 67.23
signal [adc counts]

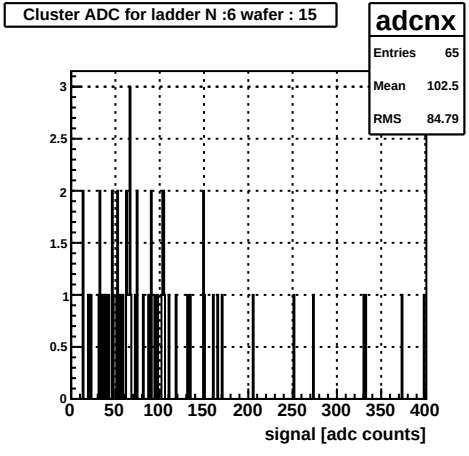

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 123
Mean 99.15
RMS 76.29
signal [adc counts]

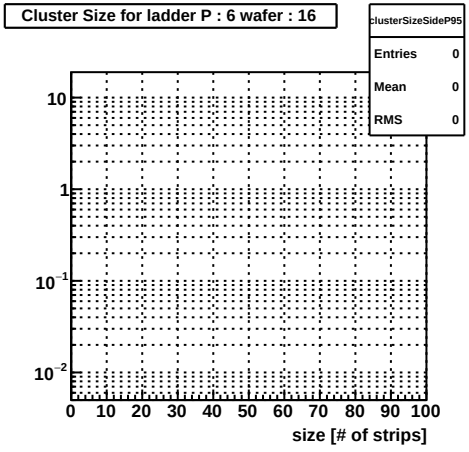

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

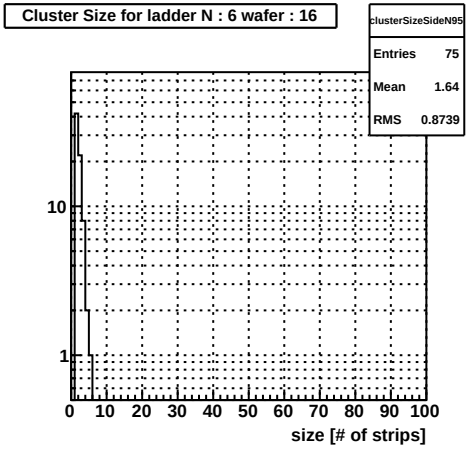

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 65
Mean 1.769
RMS 0.8552
size [# of strips]

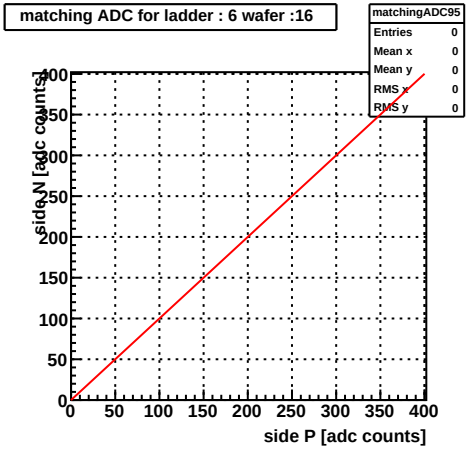

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

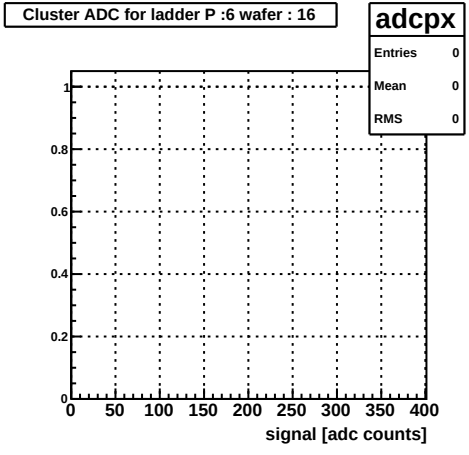

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

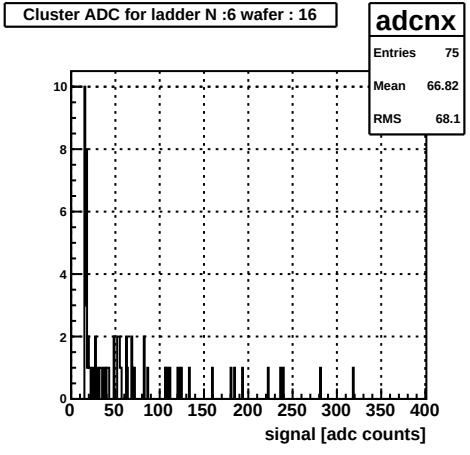

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 65
Mean 102.5
RMS 84.79
signal [adc counts]

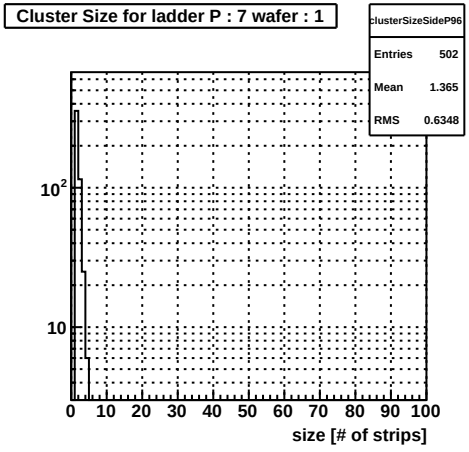

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

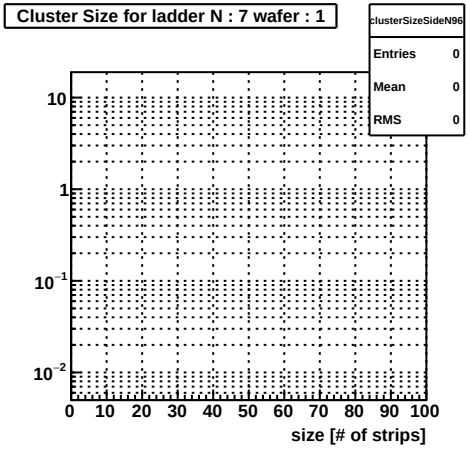

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 75
Mean 1.64
RMS 0.8739
size [# of strips]

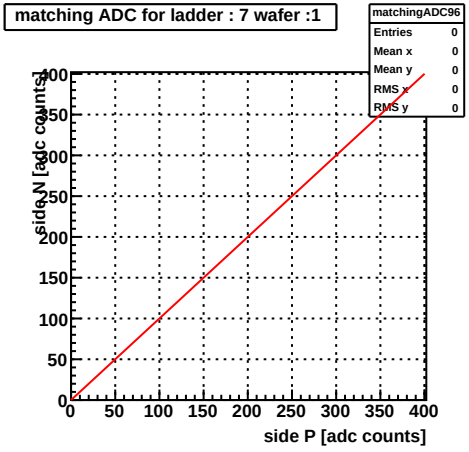

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

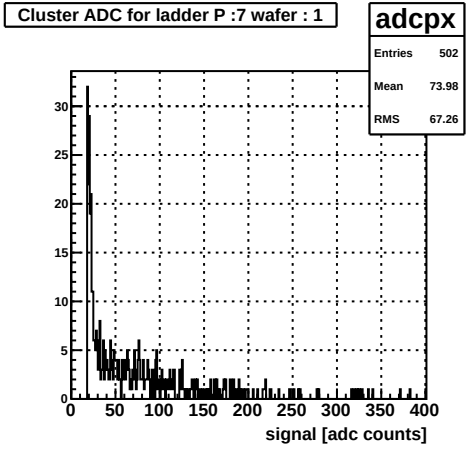

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

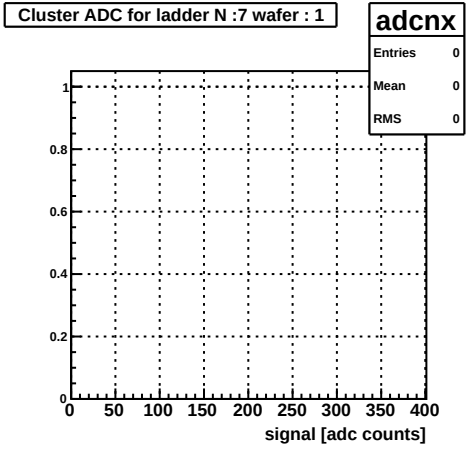

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 75
Mean 66.82
RMS 68.1
signal [adc counts]

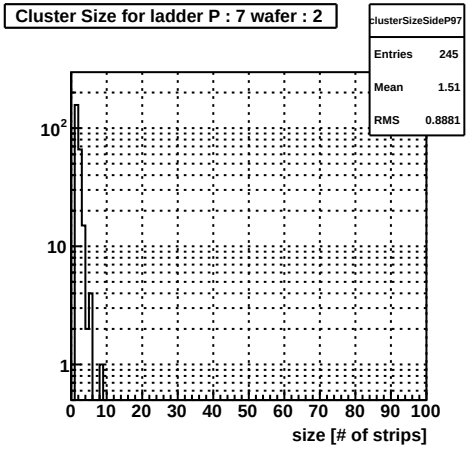

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 502
Mean 1.365
RMS 0.6348
size [# of strips]

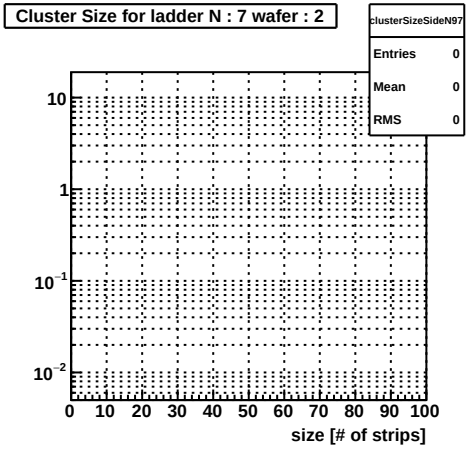

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

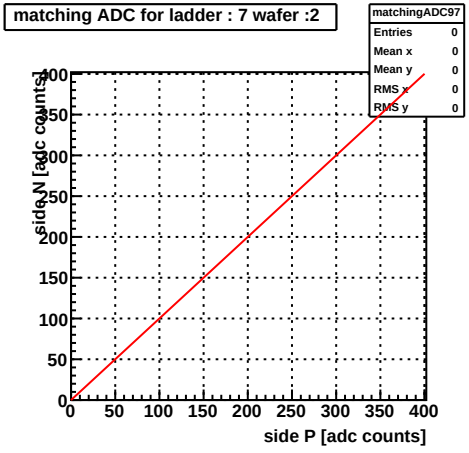

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

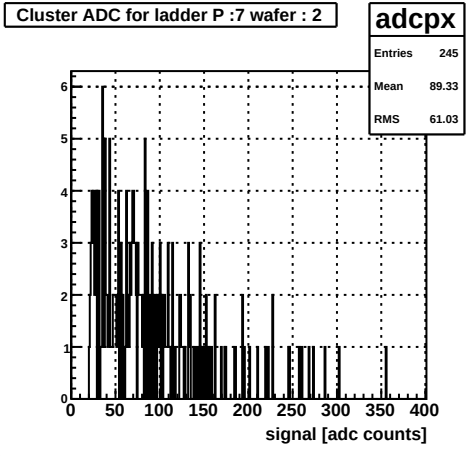

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 502
Mean 73.98
RMS 67.26
signal [adc counts]

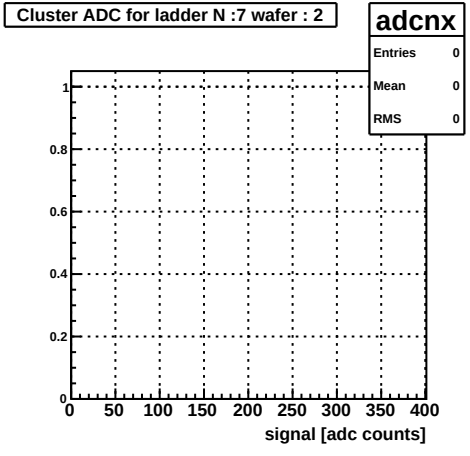

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

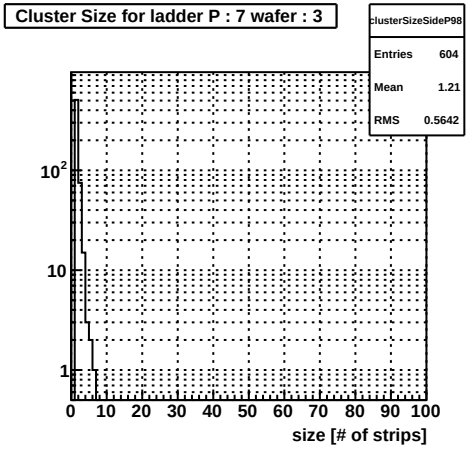

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 245
Mean 1.51
RMS 0.8881
size [# of strips]

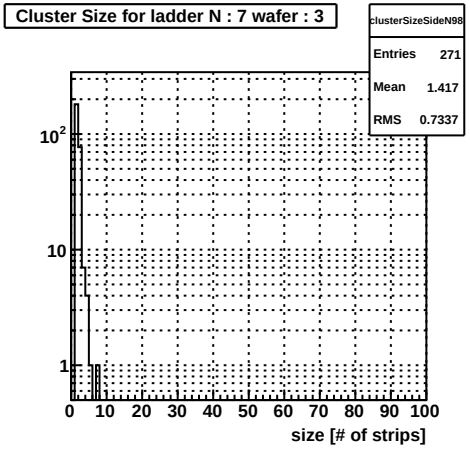

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

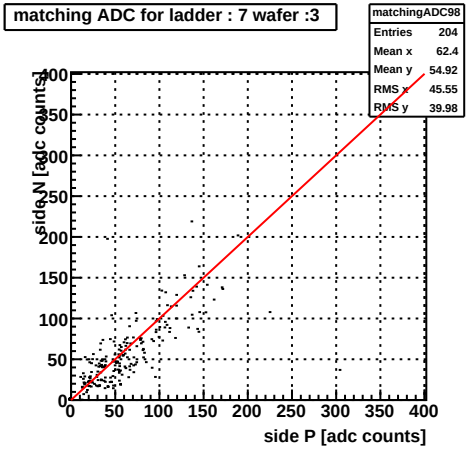

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

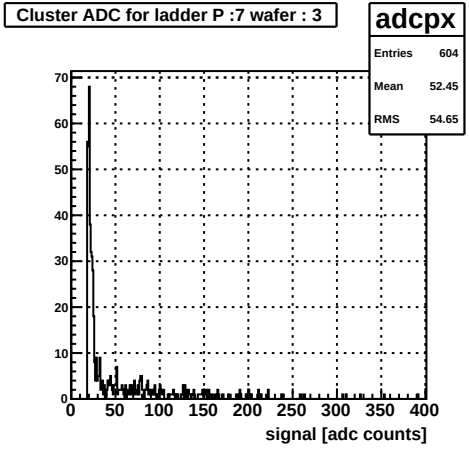

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 245
Mean 89.33
RMS 61.03
signal [adc counts]

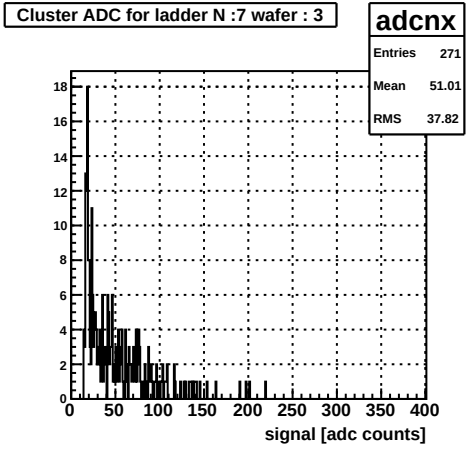

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

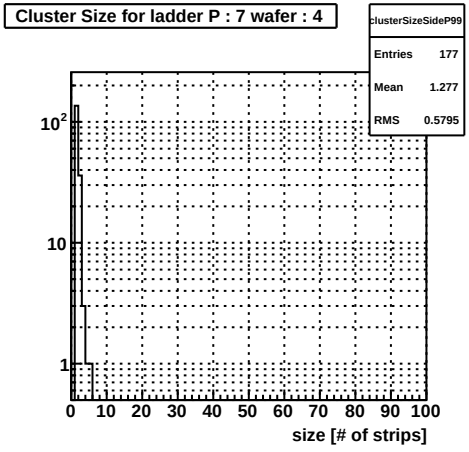

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 604
Mean 1.21
RMS 0.5642
size [# of strips]

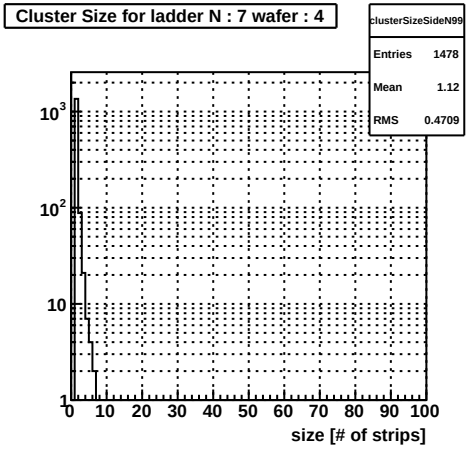

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 271
Mean 1.417
RMS 0.7337
size [# of strips]

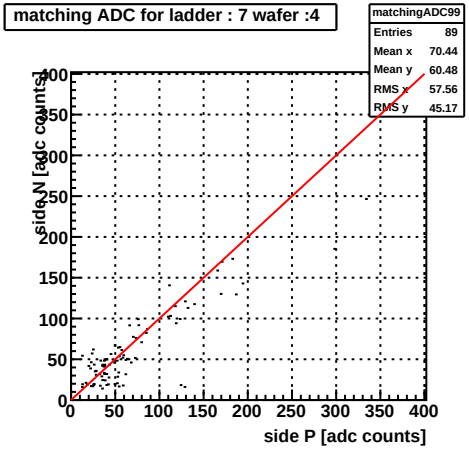

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 204
Mean x 62.4
Mean y 54.92
RMS x 45.55
RMS y 39.98
side N [adc counts]
side P [adc counts]

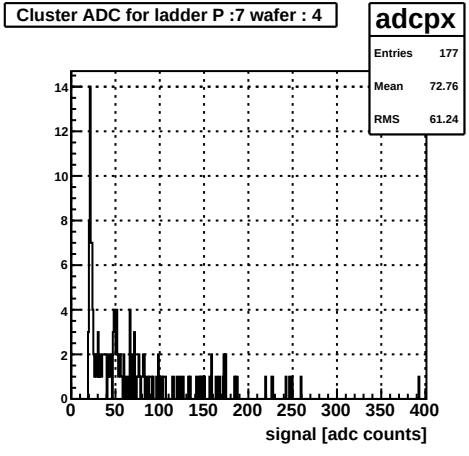

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 604
Mean 52.45
RMS 54.65
signal [adc counts]

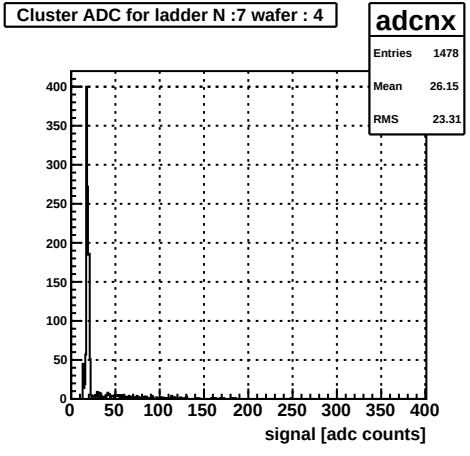

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 271
Mean 51.01
RMS 37.82
signal [adc counts]

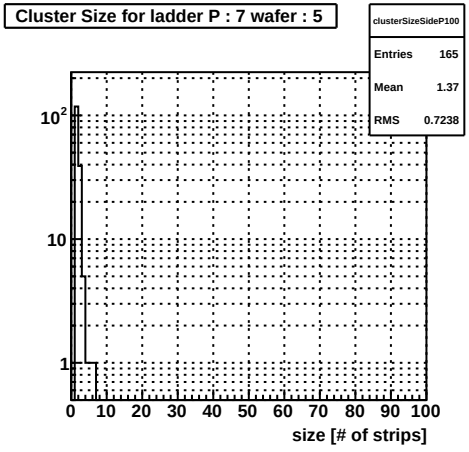

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 177
Mean 1.277
RMS 0.5795
size [# of strips]

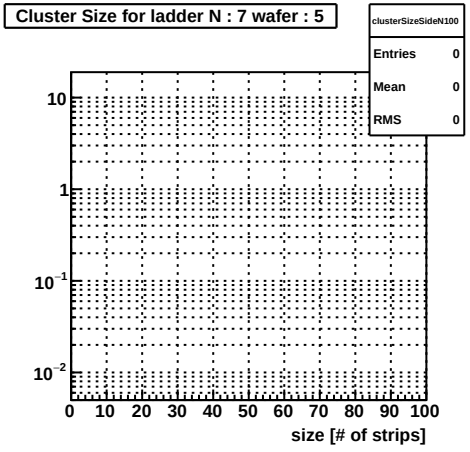

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1478
Mean 1.12
RMS 0.4709
size [# of strips]

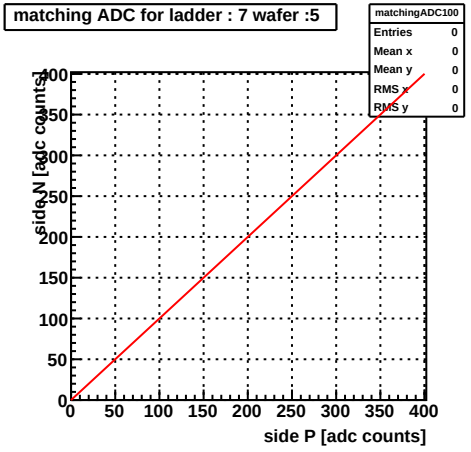

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 89
Mean x 70.44
Mean y 60.48
RMS x 57.56
RMS y 45.17
side N [adc counts]
side P [adc counts]

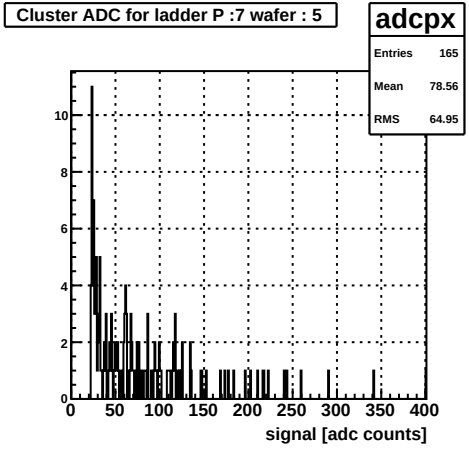

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 177
Mean 72.76
RMS 61.24
signal [adc counts]

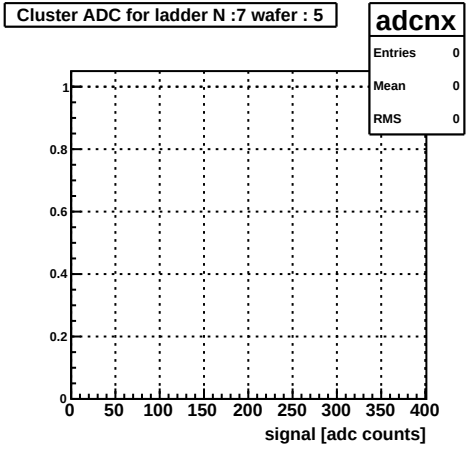

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1478
Mean 26.15
RMS 23.31
signal [adc counts]

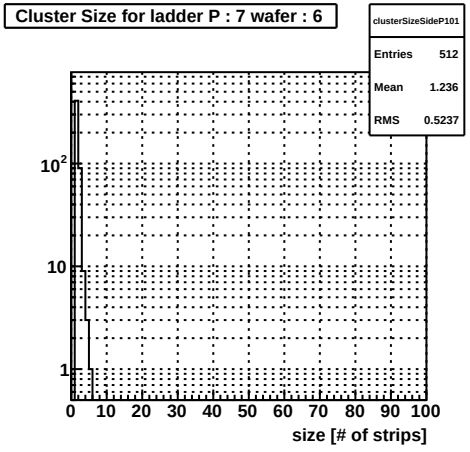

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 165
Mean 1.37
RMS 0.7238
size [# of strips]

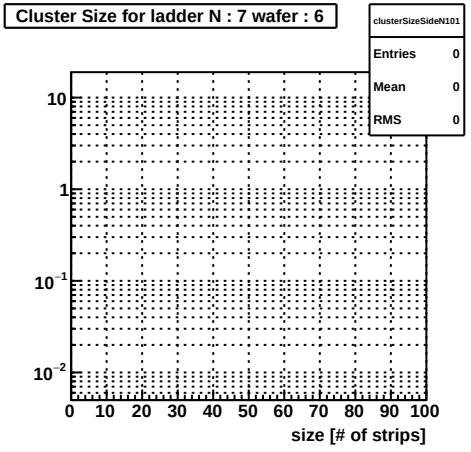

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

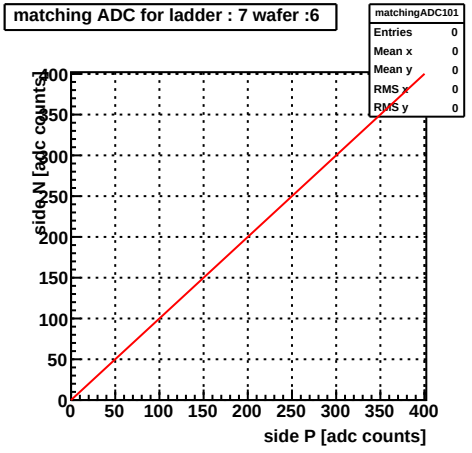

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

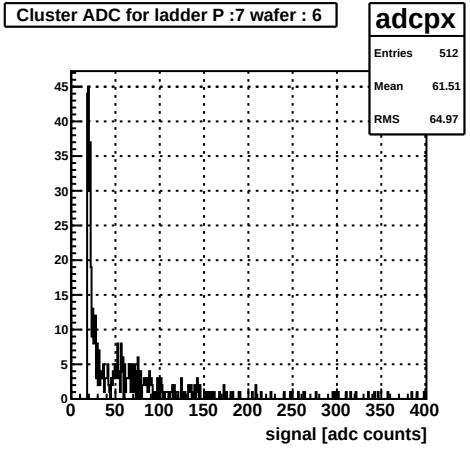

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 165
Mean 78.56
RMS 64.95
signal [adc counts]

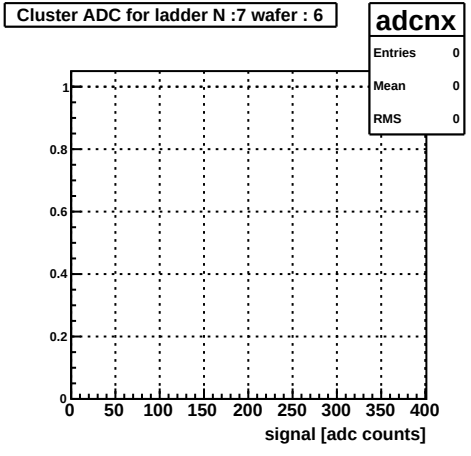

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

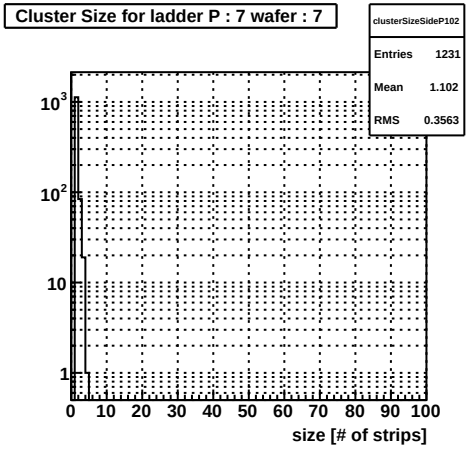

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 512
Mean 1.236
RMS 0.5237
size [# of strips]

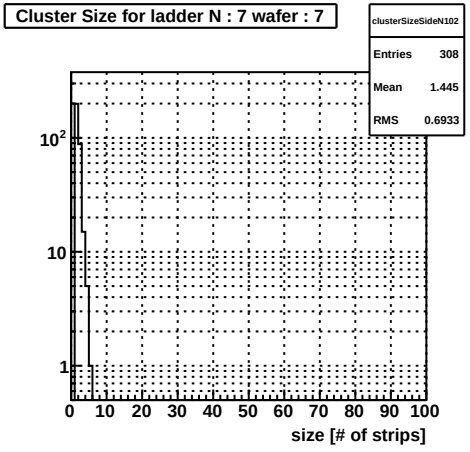

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

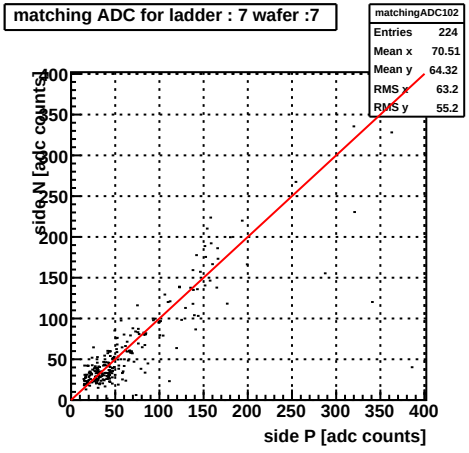

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

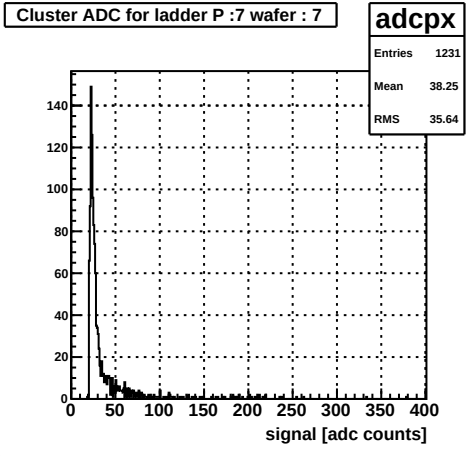

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 512
Mean 61.51
RMS 64.97
signal [adc counts]

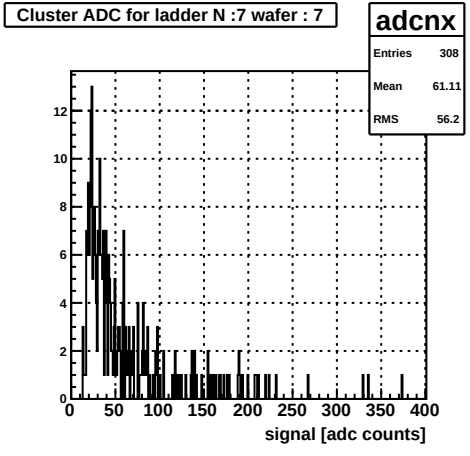

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

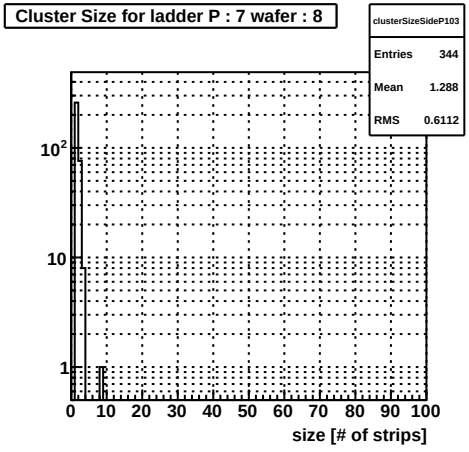

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 1231
Mean 1.102
RMS 0.3563
size [# of strips]

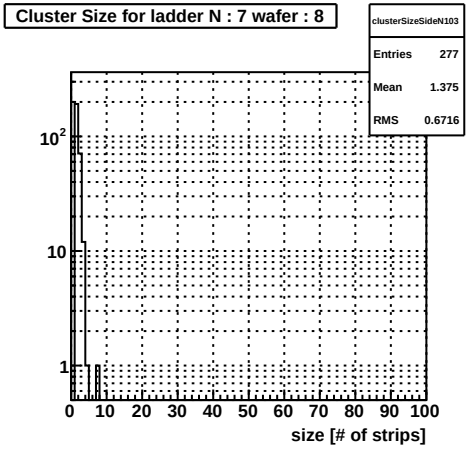

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 308
Mean 1.445
RMS 0.6933
size [# of strips]

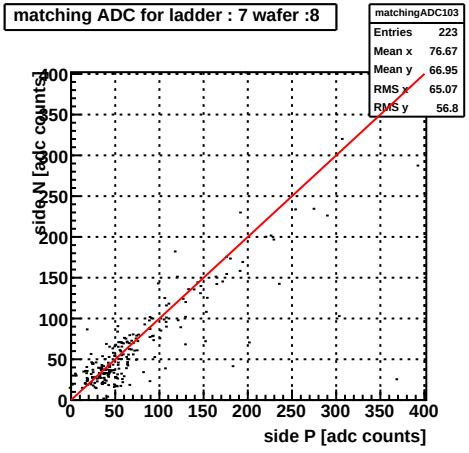

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 224
Mean x 70.51
Mean y 64.32
RMS x 63.2
RMS y 55.2
side N [adc counts]
side P [adc counts]

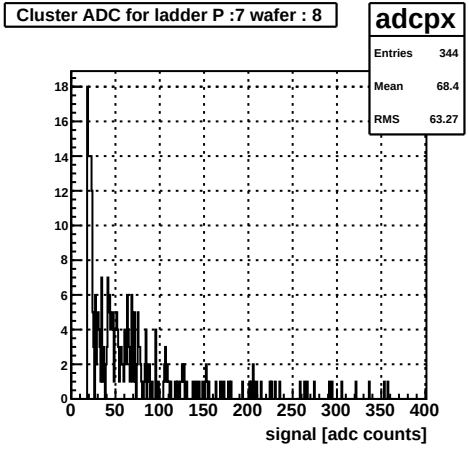

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 1231
Mean 38.25
RMS 35.64
signal [adc counts]

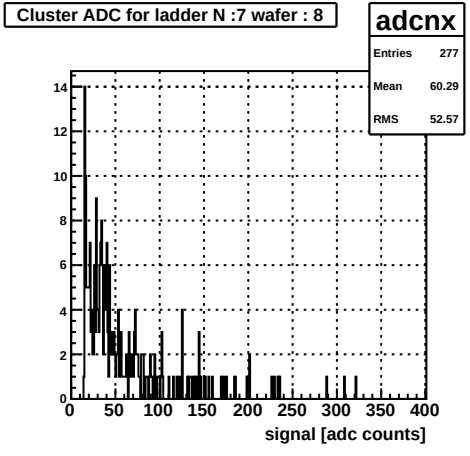

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 308
Mean 61.11
RMS 56.2
signal [adc counts]

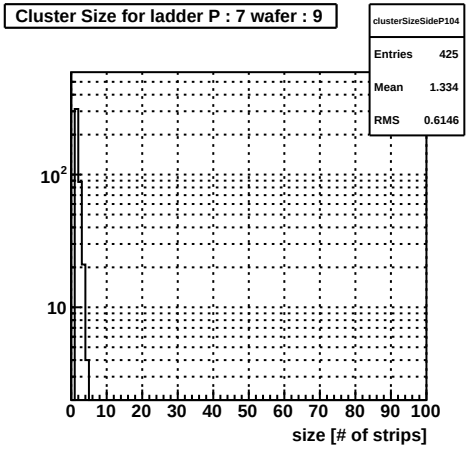

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 344
Mean 1.288
RMS 0.6112
size [# of strips]

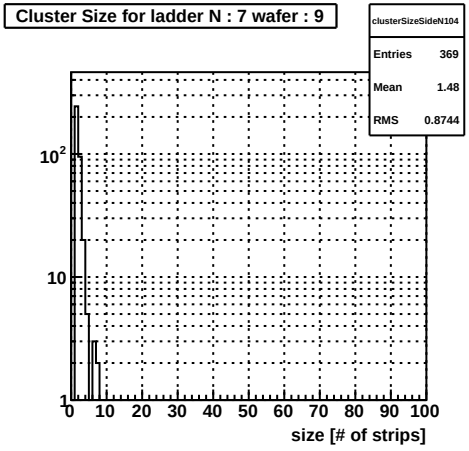

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 277
Mean 1.375
RMS 0.6716
size [# of strips]

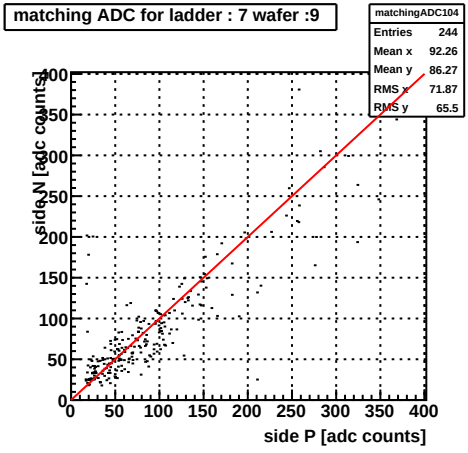

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 223
Mean x 76.67
Mean y 66.95
RMS x 65.07
RMS y 56.8
side N [adc counts]
side P [adc counts]

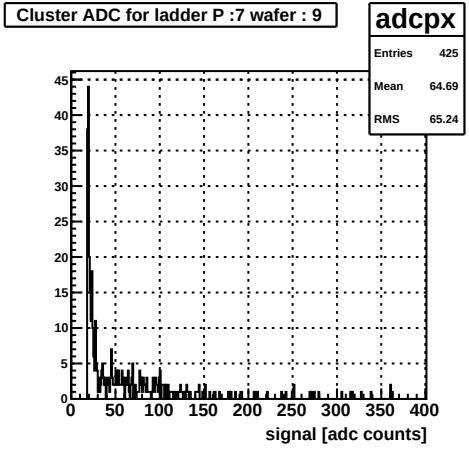

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 344
Mean 68.4
RMS 63.27
signal [adc counts]

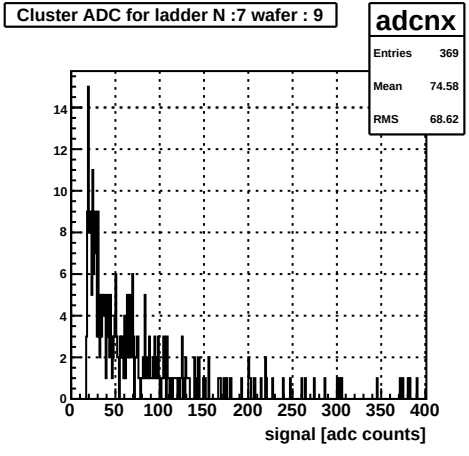

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 277
Mean 60.29
RMS 52.57
signal [adc counts]

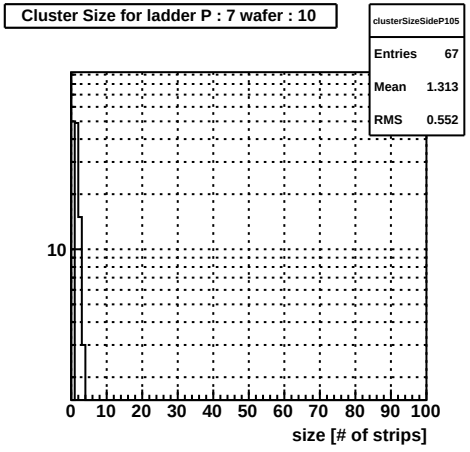

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 425
Mean 1.334
RMS 0.6146
size [# of strips]

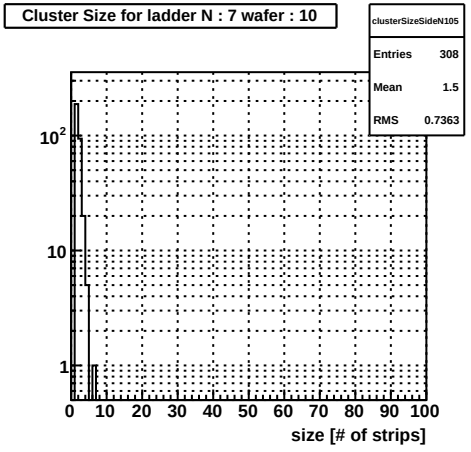

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 369
Mean 1.48
RMS 0.8744
size [# of strips]

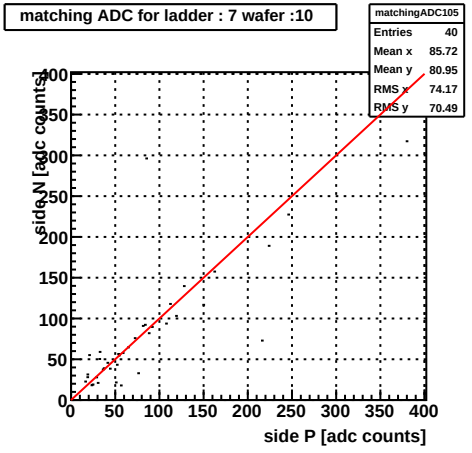

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 244
Mean x 92.26
Mean y 86.27
RMS x 71.87
RMS y 65.5
side N [adc counts]
side P [adc counts]

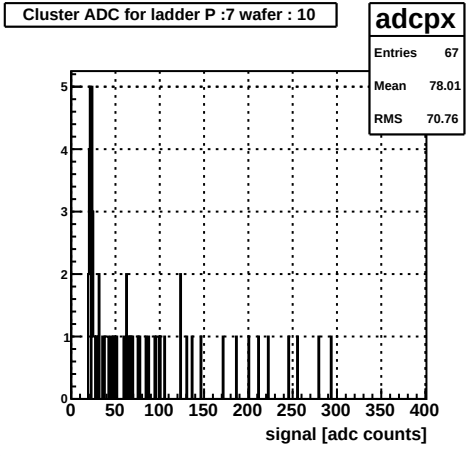

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 425
Mean 64.69
RMS 65.24
signal [adc counts]

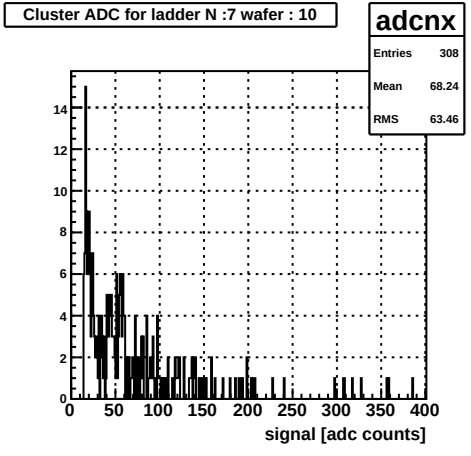

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 369
Mean 74.58
RMS 68.62
signal [adc counts]

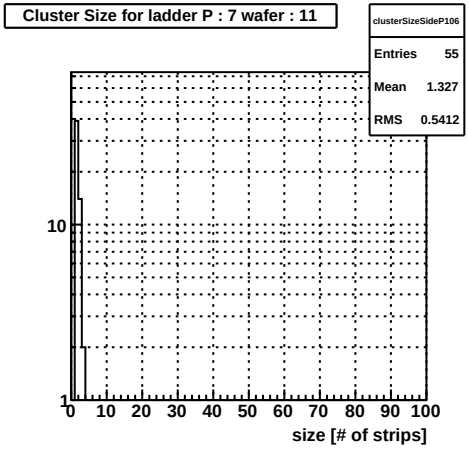

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 67
Mean 1.313
RMS 0.552
size [# of strips]

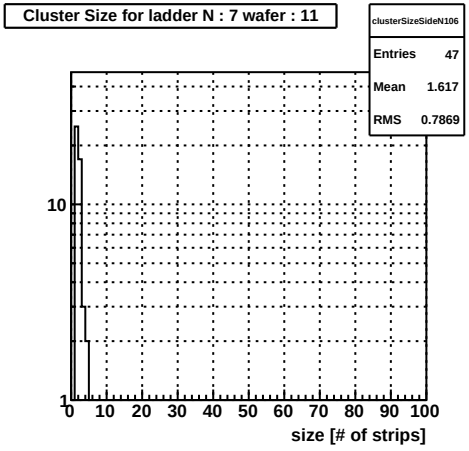

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 308
Mean 1.5
RMS 0.7363
size [# of strips]

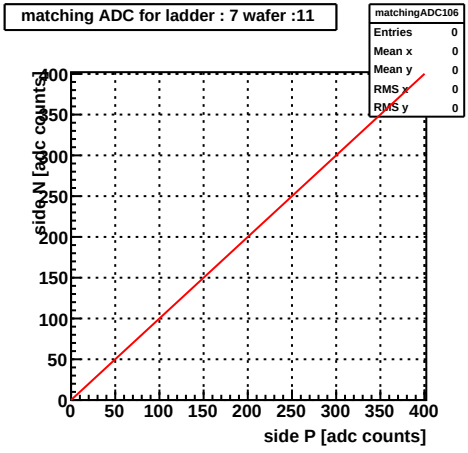

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 40
Mean x 85.72
Mean y 80.95
RMS x 74.17
RMS y 70.49
side N [adc counts]
side P [adc counts]

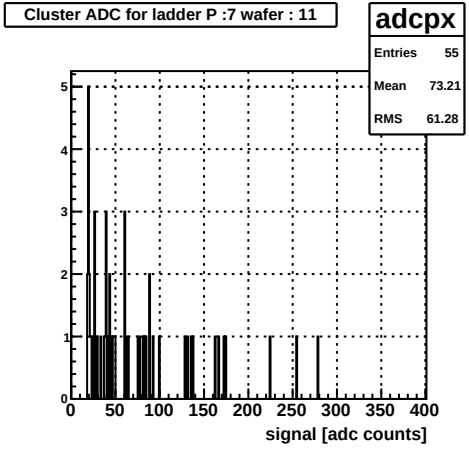

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 67
Mean 78.01
RMS 70.76
signal [adc counts]

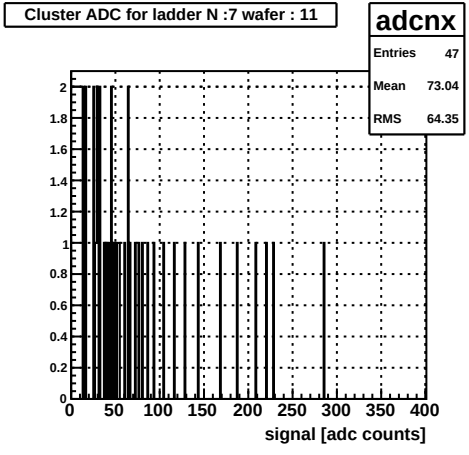

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 308
Mean 68.24
RMS 63.46
signal [adc counts]

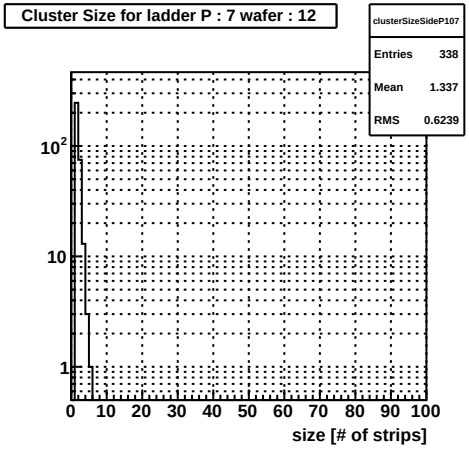

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 55
Mean 1.327
RMS 0.5412
size [# of strips]

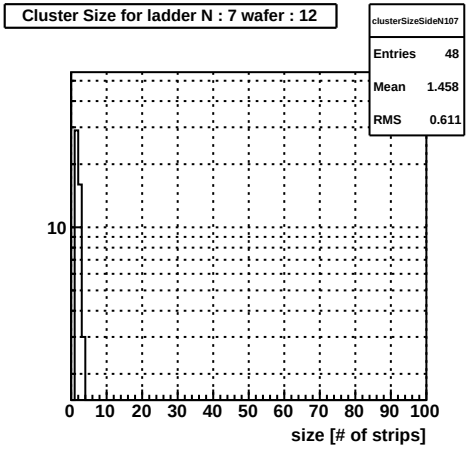

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 47
Mean 1.617
RMS 0.7869
size [# of strips]

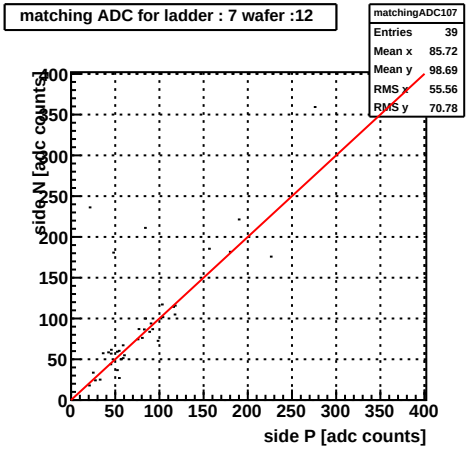

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

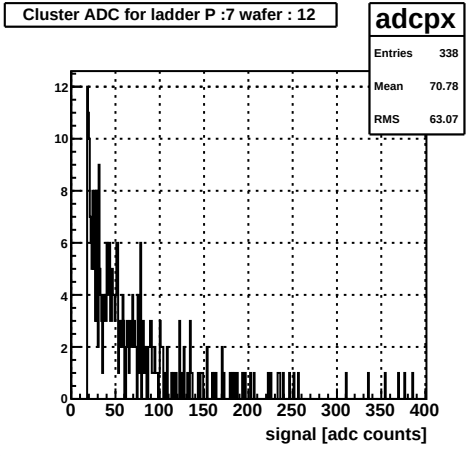

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 55
Mean 73.21
RMS 61.28
signal [adc counts]

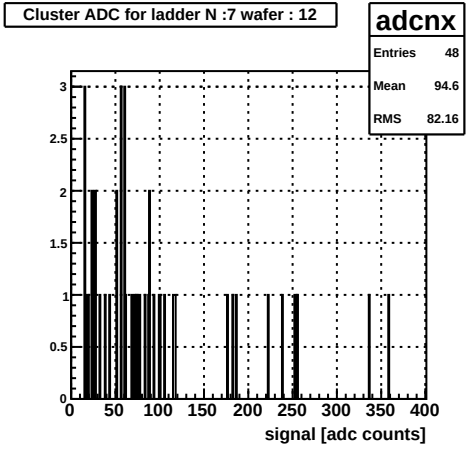

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 47
Mean 73.04
RMS 64.35
signal [adc counts]

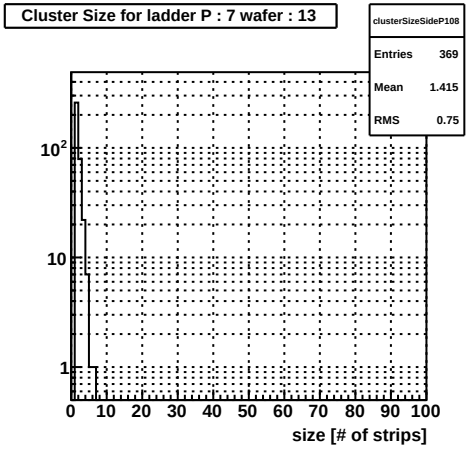

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 338
Mean 1.337
RMS 0.6239
size [# of strips]

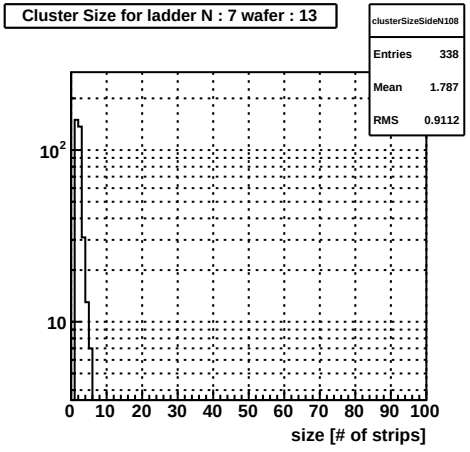

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 48
Mean 1.458
RMS 0.611
size [# of strips]

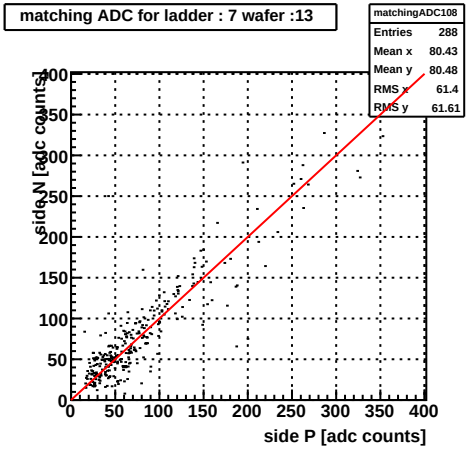

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 39
Mean x 85.72
Mean y 98.69
RMS x 55.56
RMS y 70.78
side N [adc counts]
side P [adc counts]

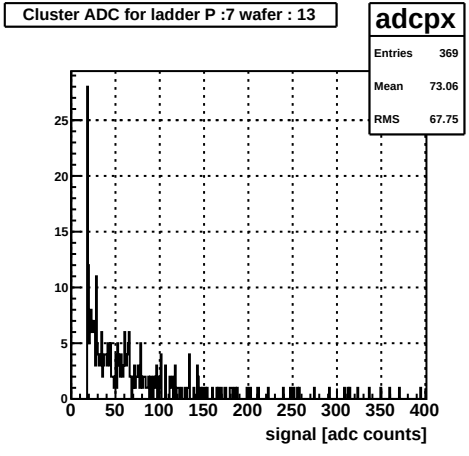

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 338
Mean 70.78
RMS 63.07
signal [adc counts]

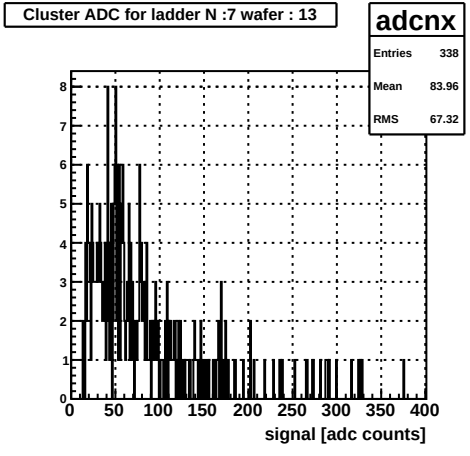

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 48
Mean 94.6
RMS 82.16
signal [adc counts]

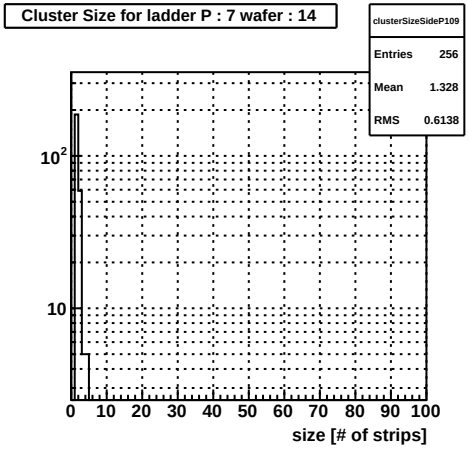

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 369
Mean 1.415
RMS 0.75
size [# of strips]

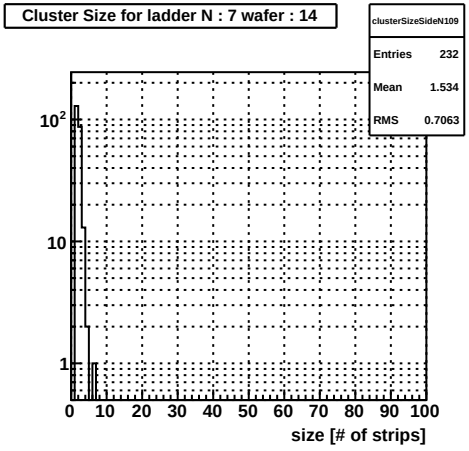

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 338
Mean 1.787
RMS 0.9112
size [# of strips]

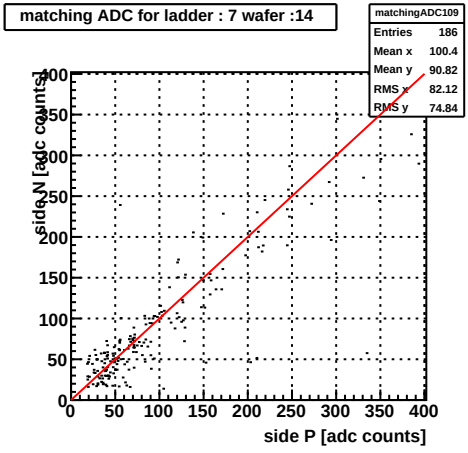

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 288
Mean x 80.43
Mean y 80.48
RMS x 61.4
RMS y 61.61
side N [adc counts]
side P [adc counts]

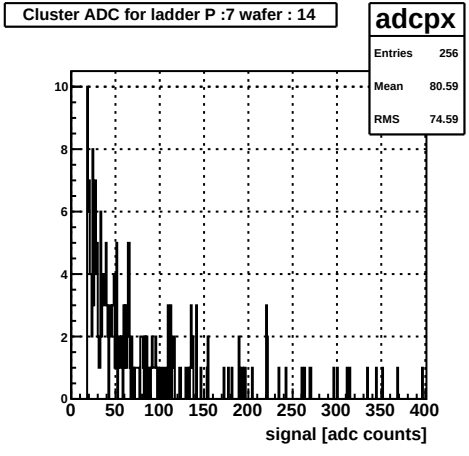

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 369
Mean 73.06
RMS 67.75
signal [adc counts]

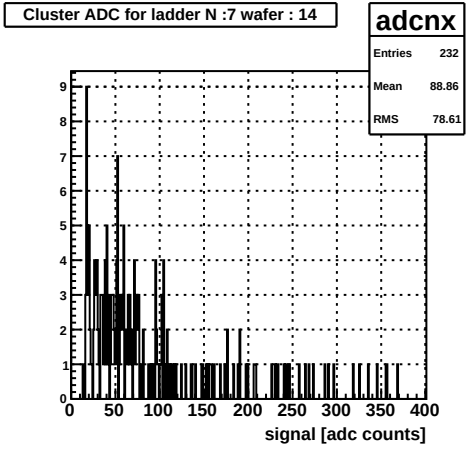

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 338
Mean 83.96
RMS 67.32
signal [adc counts]

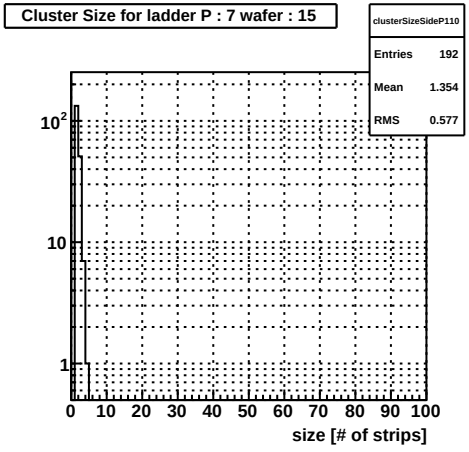

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 256
Mean 1.328
RMS 0.6138
size [# of strips]

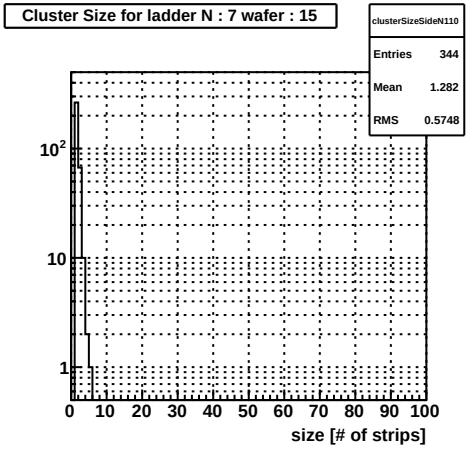

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 232
Mean 1.534
RMS 0.7063
size [# of strips]

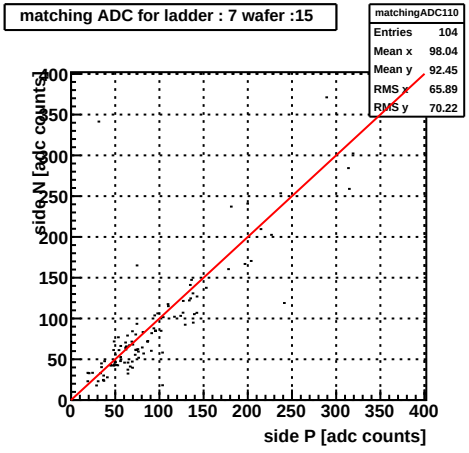

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 186
Mean x 100.4
Mean y 90.82
RMS x 82.12
RMS y 74.84
side N [adc counts]
side P [adc counts]

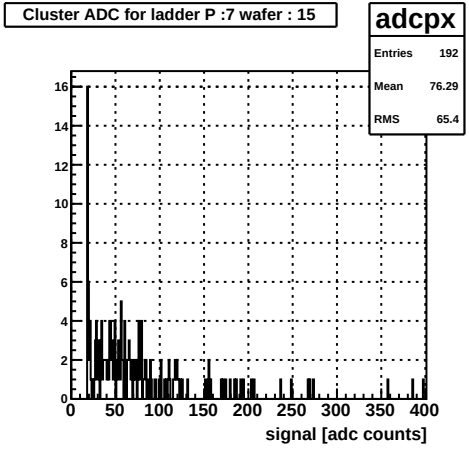

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 256
Mean 80.59
RMS 74.59
signal [adc counts]

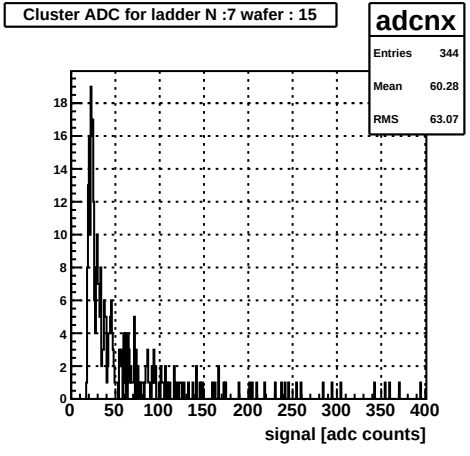

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 232
Mean 88.86
RMS 78.61
signal [adc counts]

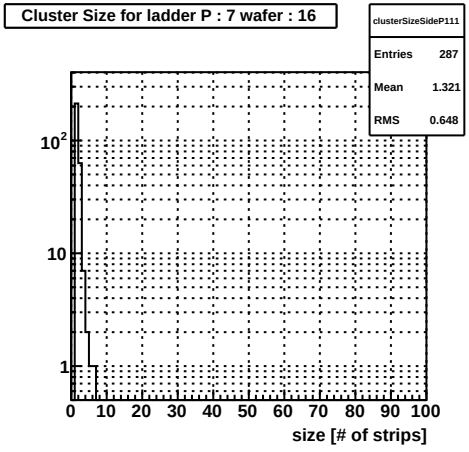

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 192
Mean 1.354
RMS 0.577
size [# of strips]

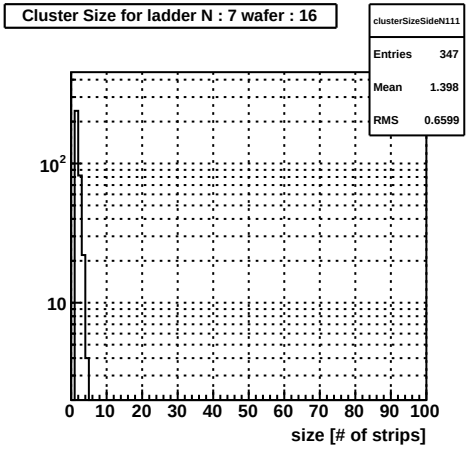

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 344
Mean 1.282
RMS 0.5748
size [# of strips]

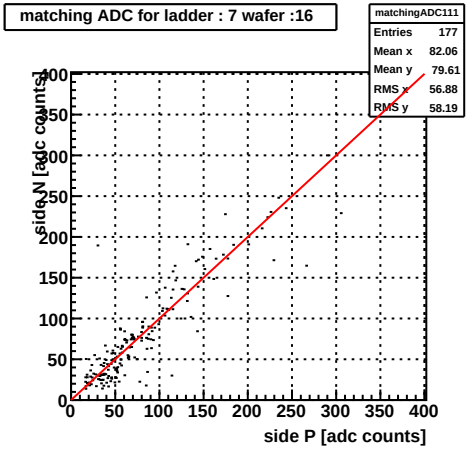

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 104
Mean x 98.04
Mean y 92.45
RMS x 65.89
RMS y 70.22
side N [adc counts]
side P [adc counts]

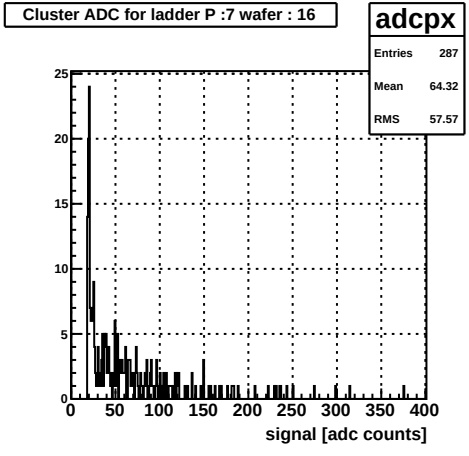

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 192
Mean 76.29
RMS 65.4
signal [adc counts]

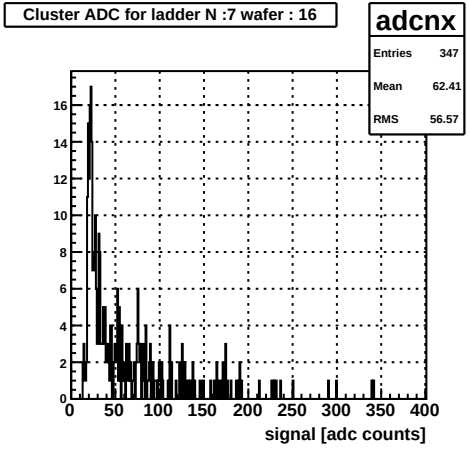

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 344
Mean 60.28
RMS 63.07
signal [adc counts]

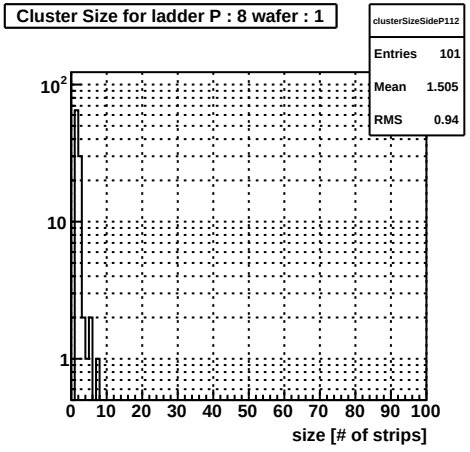

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 287
Mean 1.321
RMS 0.648
size [# of strips]

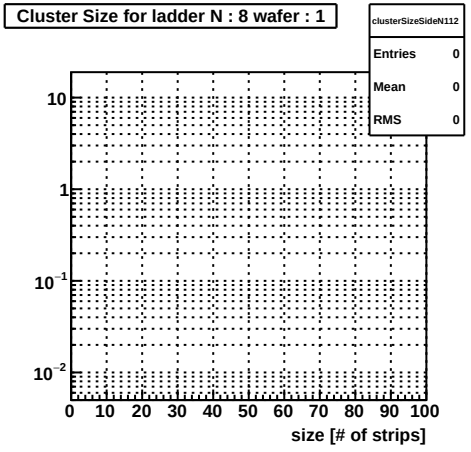

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 347
Mean 1.398
RMS 0.6599
size [# of strips]

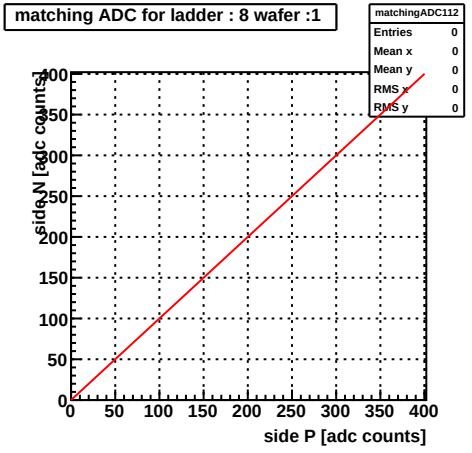

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 177
Mean x 82.06
Mean y 79.61
RMS x 56.88
RMS y 58.19
side N [adc counts]
side P [adc counts]

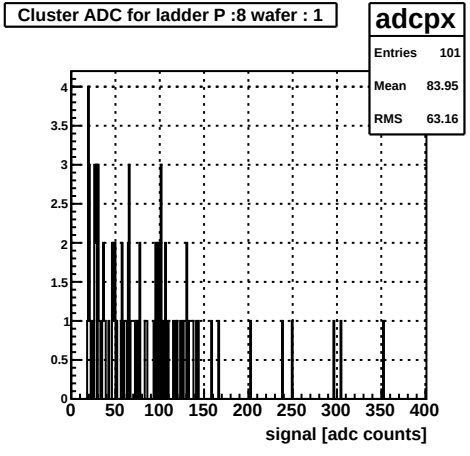

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 287
Mean 64.32
RMS 57.57
signal [adc counts]

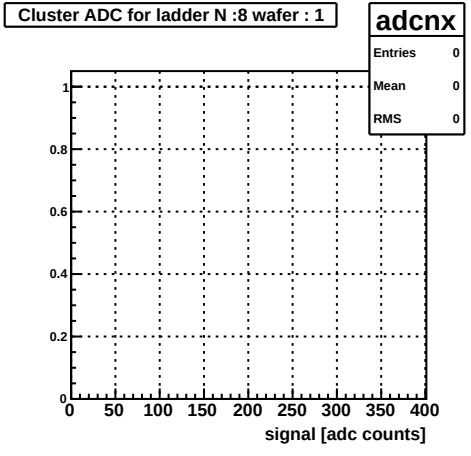

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 347
Mean 62.41
RMS 56.57
signal [adc counts]

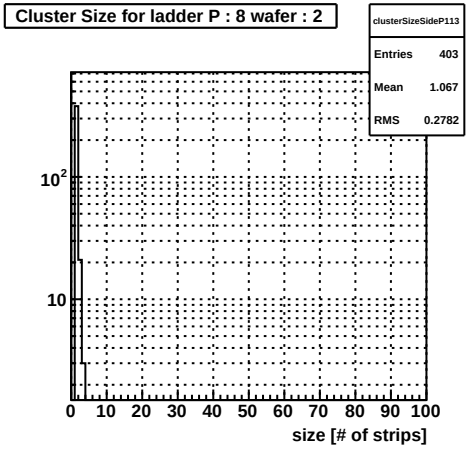

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 101
Mean 1.505
RMS 0.94
size [# of strips]

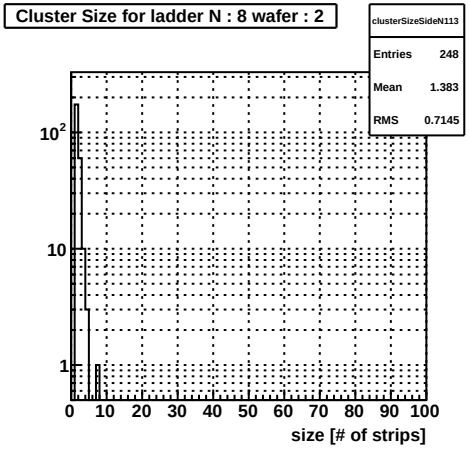

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

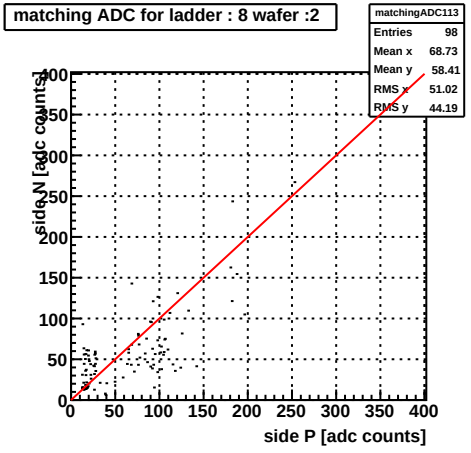

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

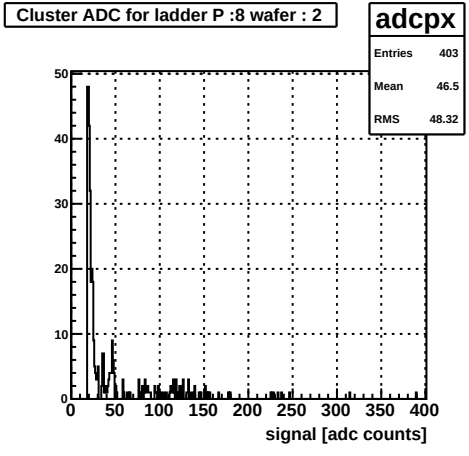

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 101
Mean 83.95
RMS 63.16
signal [adc counts]

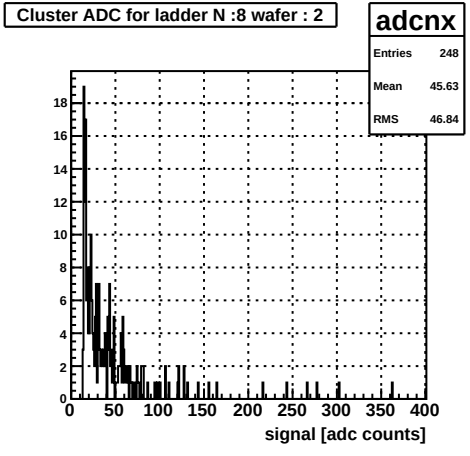

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

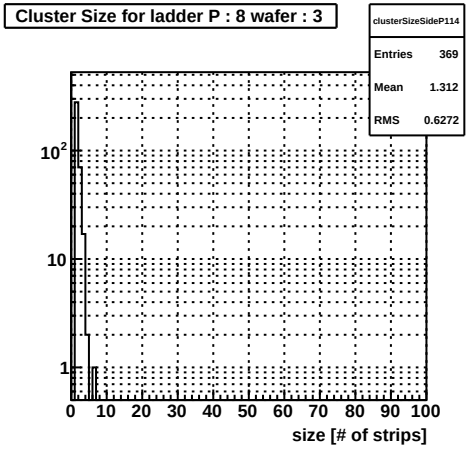

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 403
Mean 1.067
RMS 0.2782
size [# of strips]

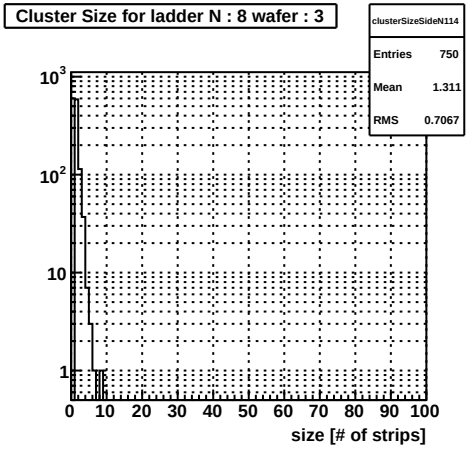

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 248
Mean 1.383
RMS 0.7145
size [# of strips]

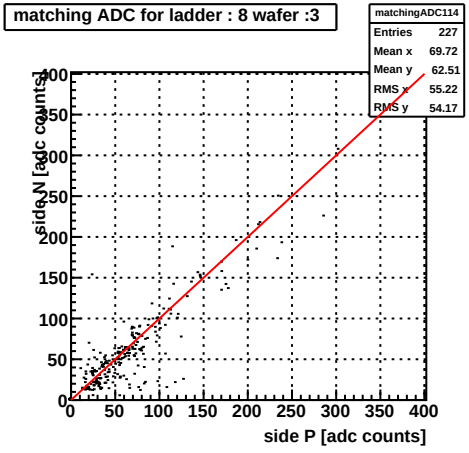

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 98
Mean x 68.73
Mean y 58.41
RMS x 51.02
RMS y 44.19
side N [adc counts]
side P [adc counts]

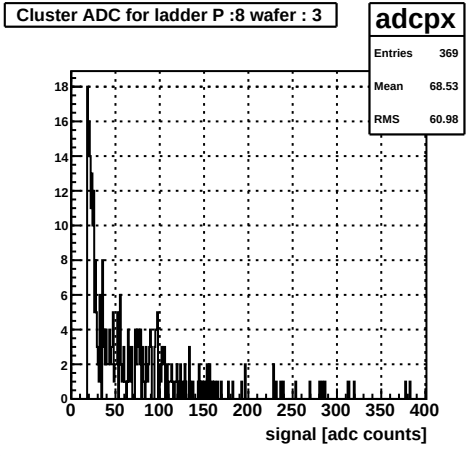

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 403
Mean 46.5
RMS 48.32
signal [adc counts]

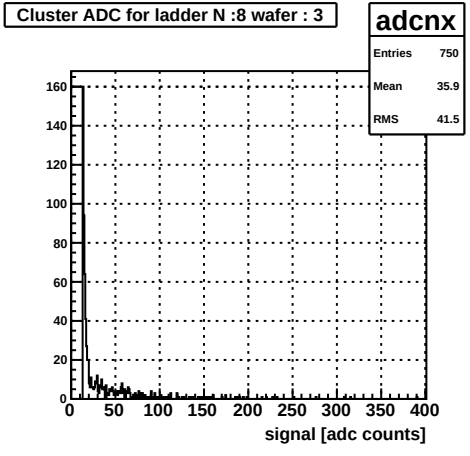

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 248
Mean 45.63
RMS 46.84
signal [adc counts]

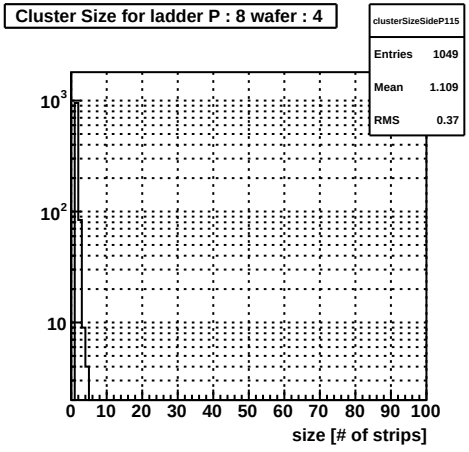

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 369
Mean 1.312
RMS 0.6272
size [# of strips]

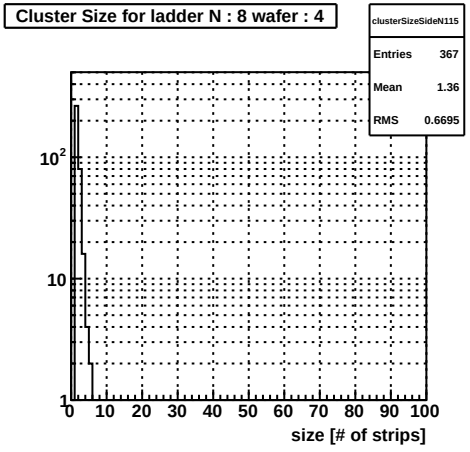

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 750
Mean 1.311
RMS 0.7067
size [# of strips]

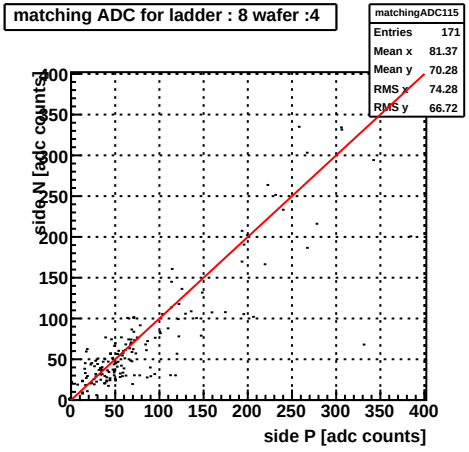

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 227
Mean x 69.72
Mean y 62.51
RMS x 55.22
RMS y 54.17
side N [adc counts]
side P [adc counts]

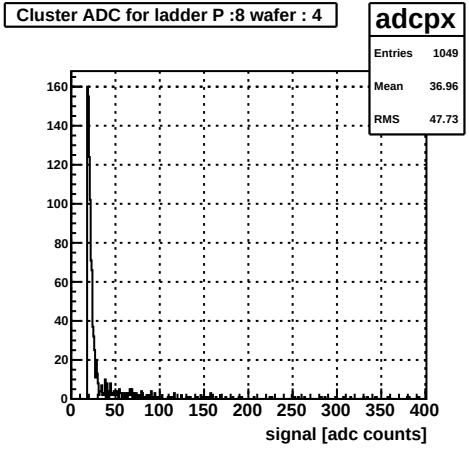

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 369
Mean 68.53
RMS 60.98
signal [adc counts]

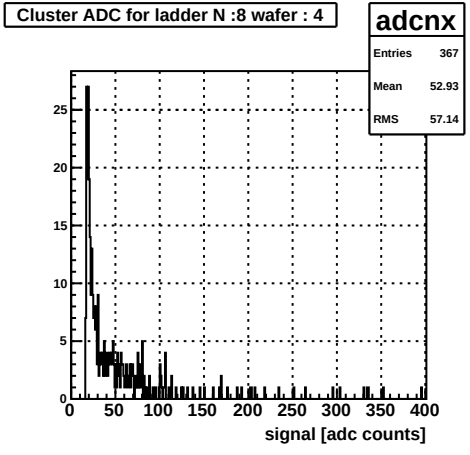

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 750
Mean 35.9
RMS 41.5
signal [adc counts]

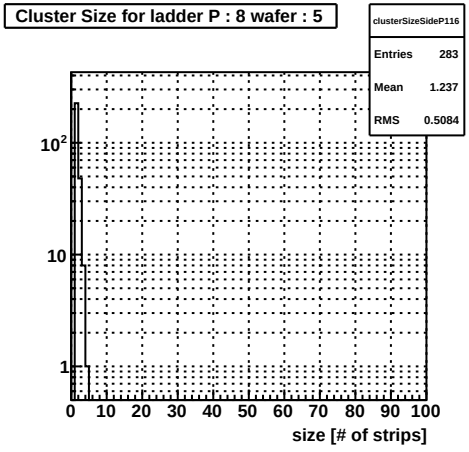

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 1049
Mean 1.109
RMS 0.37
size [# of strips]

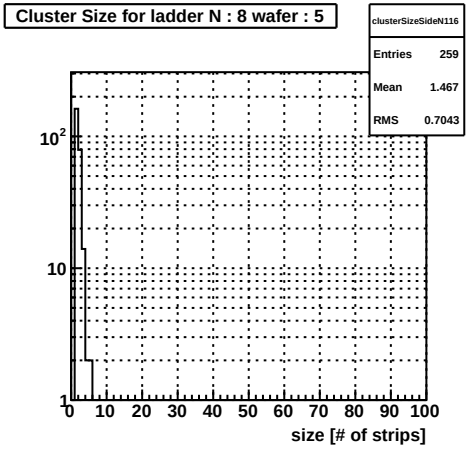

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 367
Mean 1.36
RMS 0.6695
size [# of strips]

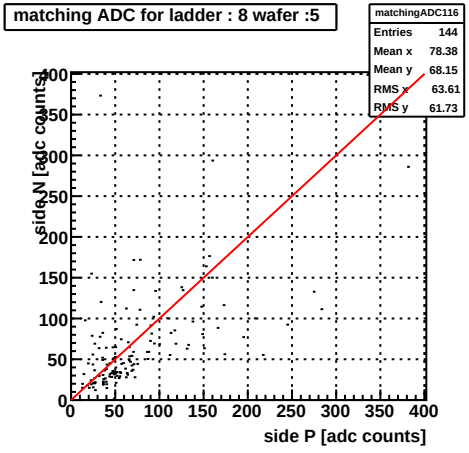

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 171
Mean x 81.37
Mean y 70.28
RMS x 74.28
RMS y 66.72
side N [adc counts]
side P [adc counts]

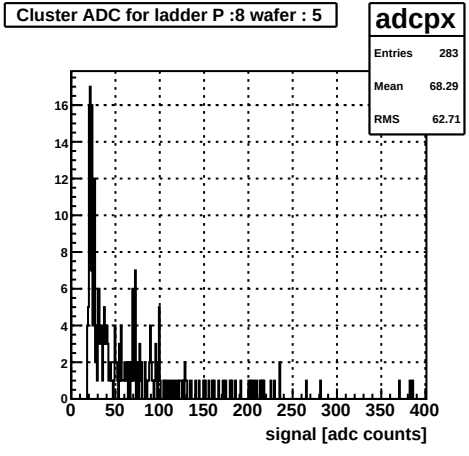

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 1049
Mean 36.96
RMS 47.73
signal [adc counts]

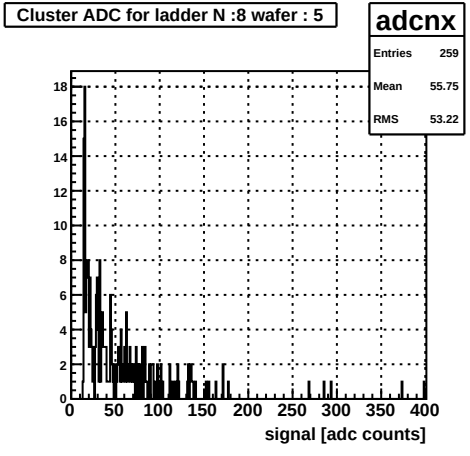

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 367
Mean 52.93
RMS 57.14
signal [adc counts]

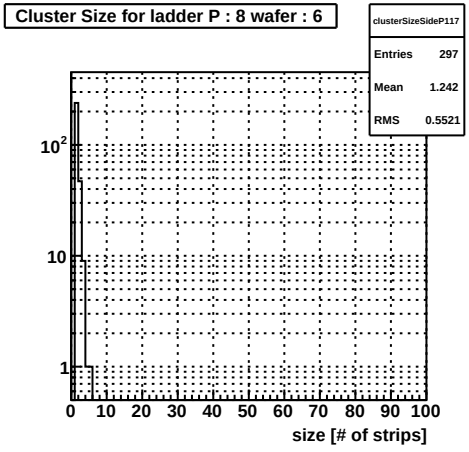

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 283
Mean 1.237
RMS 0.5084
size [# of strips]

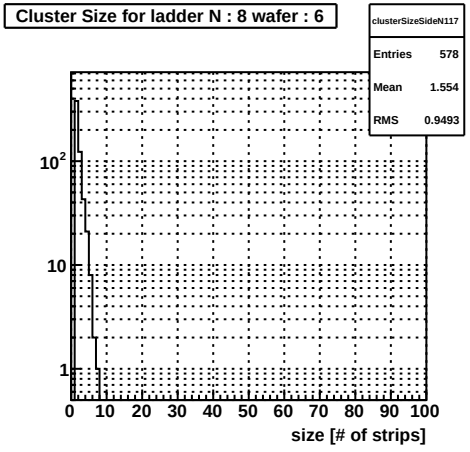

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 259
Mean 1.467
RMS 0.7043
size [# of strips]

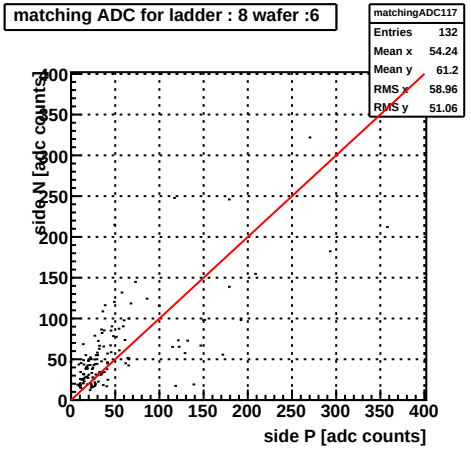

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 144
Mean x 78.38
Mean y 68.15
RMS x 63.61
RMS y 61.73
side N [adc counts]
side P [adc counts]

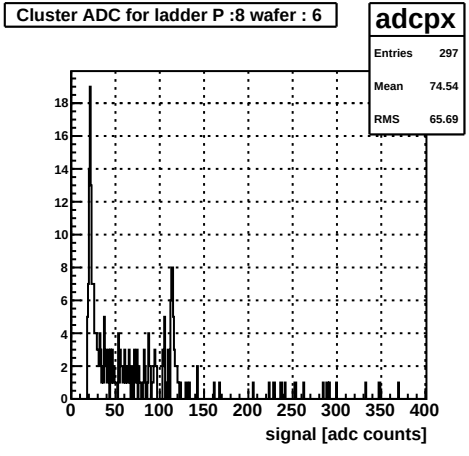

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 283
Mean 68.29
RMS 62.71
signal [adc counts]

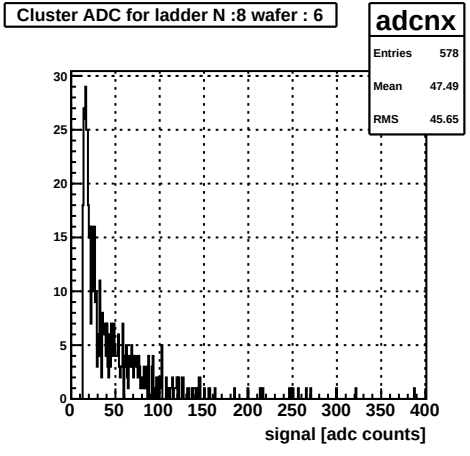

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 259
Mean 55.75
RMS 53.22
signal [adc counts]

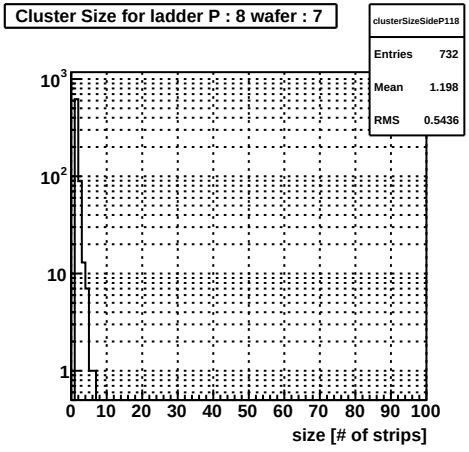

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 297
Mean 1.242
RMS 0.5521
size [# of strips]

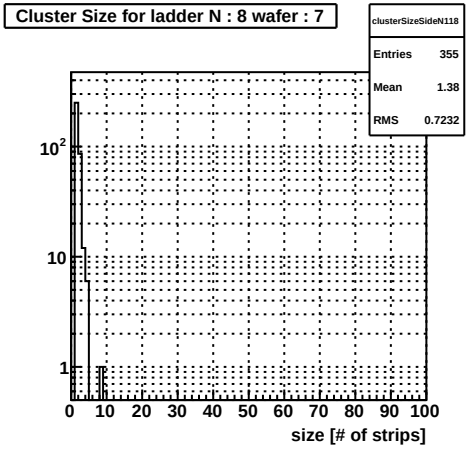

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 578
Mean 1.554
RMS 0.9493
size [# of strips]

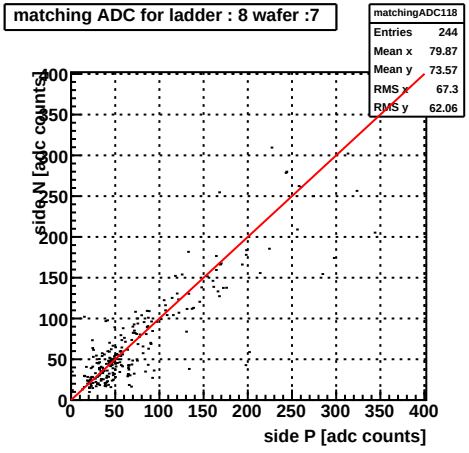

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 132
Mean x 54.24
Mean y 61.2
RMS x 58.96
RMS y 51.06
side N [adc counts]
side P [adc counts]

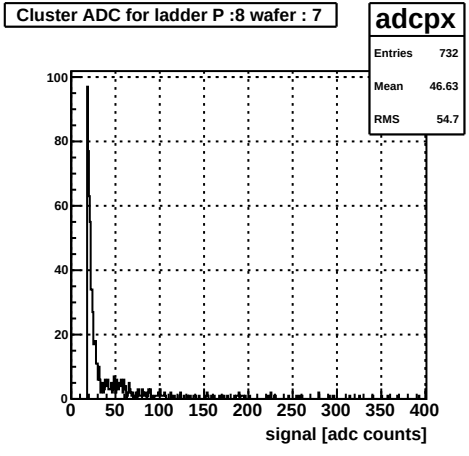

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 297
Mean 74.54
RMS 65.69
signal [adc counts]

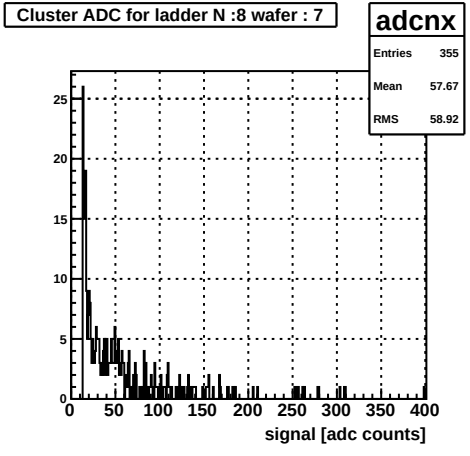

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 578
Mean 47.49
RMS 45.65
signal [adc counts]

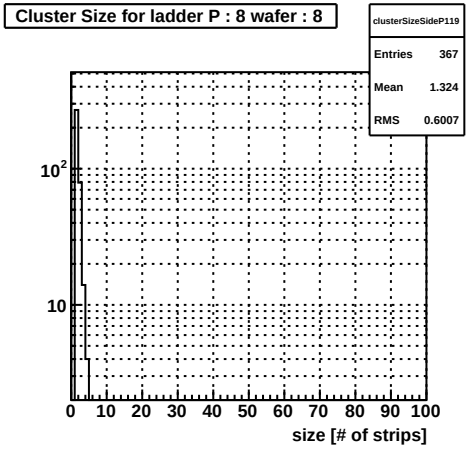

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 732
Mean 1.198
RMS 0.5436
size [# of strips]

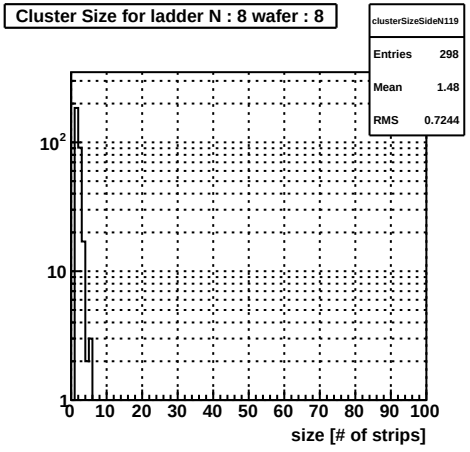

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 355
Mean 1.38
RMS 0.7232
size [# of strips]

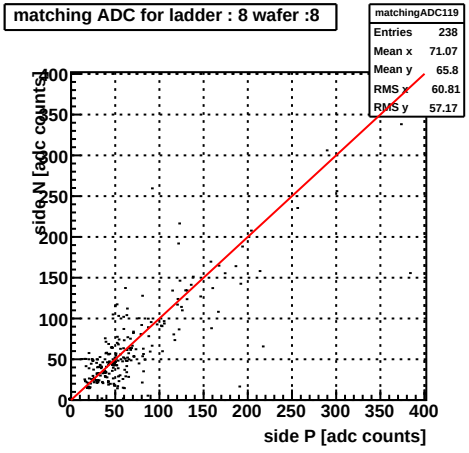

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 244
Mean x 79.87
Mean y 73.57
RMS x 67.3
RMS y 62.06
side N [adc counts]
side P [adc counts]

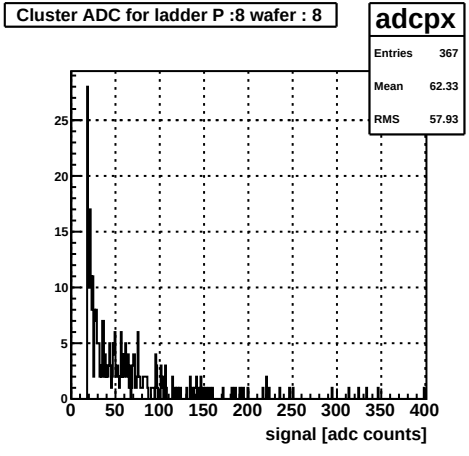

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 732
Mean 46.63
RMS 54.7
signal [adc counts]

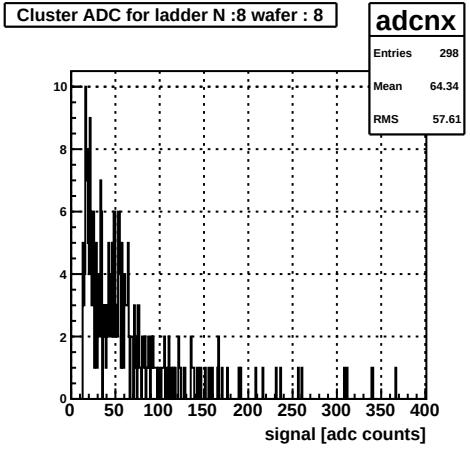

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 355
Mean 57.67
RMS 58.92
signal [adc counts]

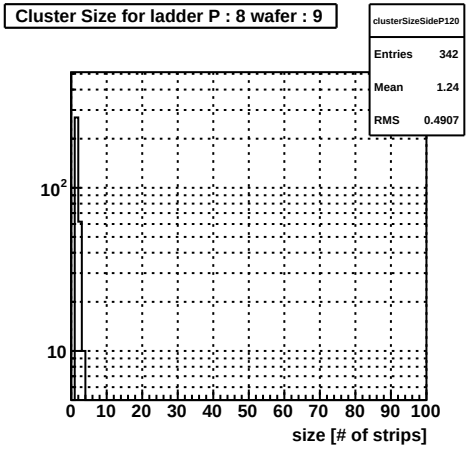

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 367
Mean 1.324
RMS 0.6007
size [# of strips]

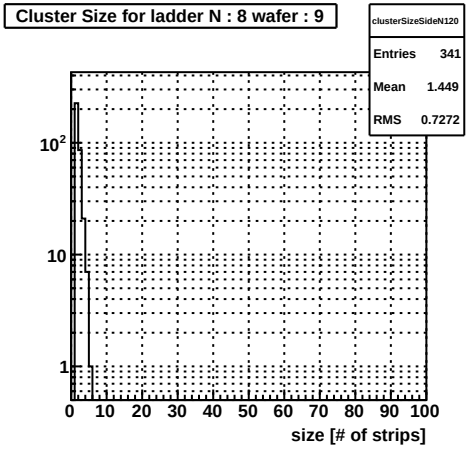

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 298
Mean 1.48
RMS 0.7244
size [# of strips]

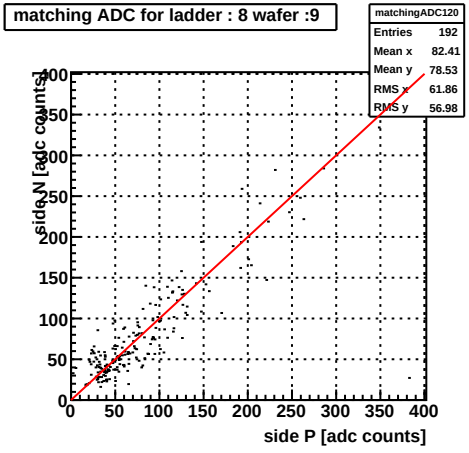

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 238
Mean x 71.07
Mean y 65.8
RMS x 60.81
RMS y 57.17
side N [adc counts]
side P [adc counts]

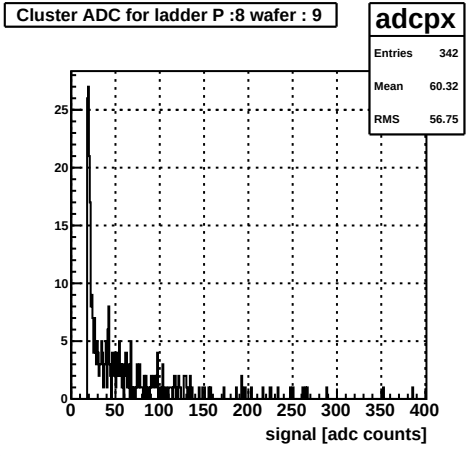

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 367
Mean 62.33
RMS 57.93
signal [adc counts]

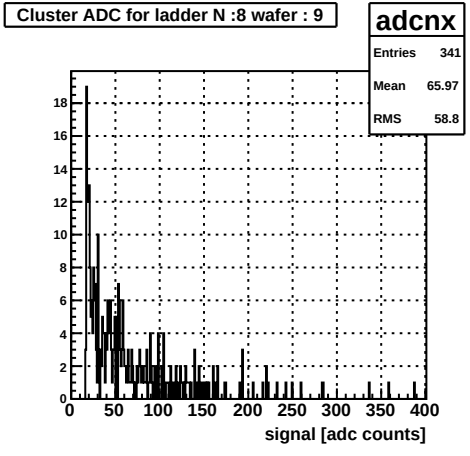

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 298
Mean 64.34
RMS 57.61
signal [adc counts]

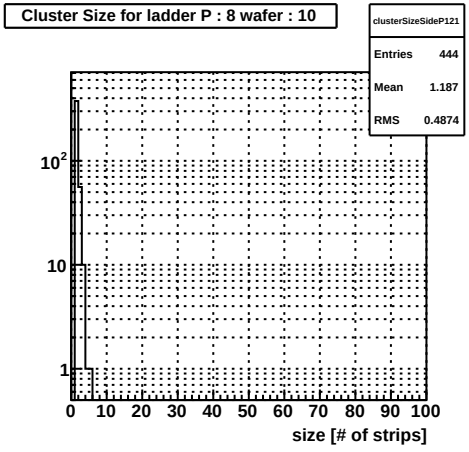

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 342
Mean 1.24
RMS 0.4907
size [# of strips]

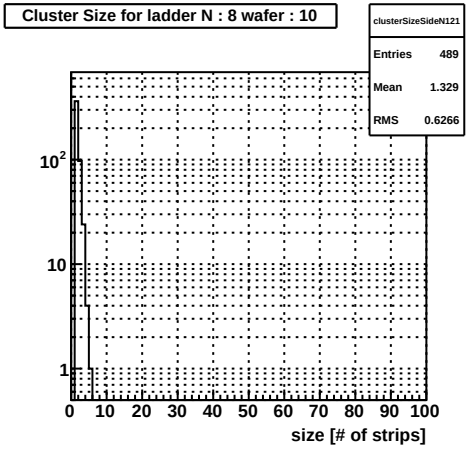

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 341
Mean 1.449
RMS 0.7272
size [# of strips]

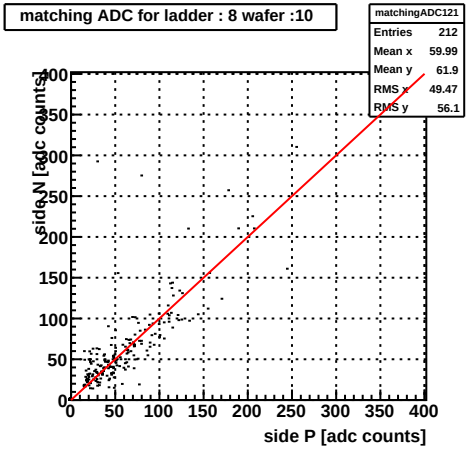

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 192
Mean x 82.41
Mean y 78.53
RMS x 61.86
RMS y 56.98
side N [adc counts]
side P [adc counts]

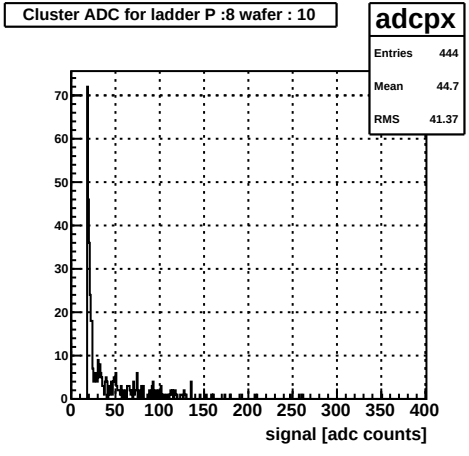

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 342
Mean 60.32
RMS 56.75
signal [adc counts]

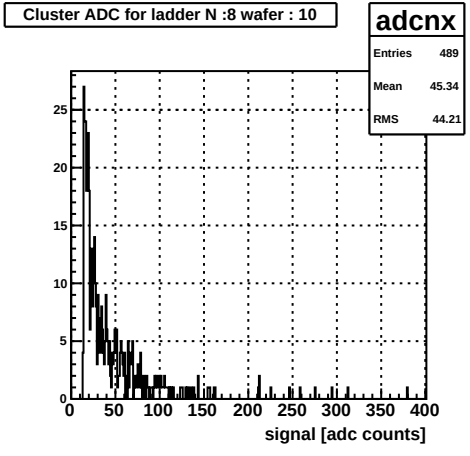

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 341
Mean 65.97
RMS 58.8
signal [adc counts]

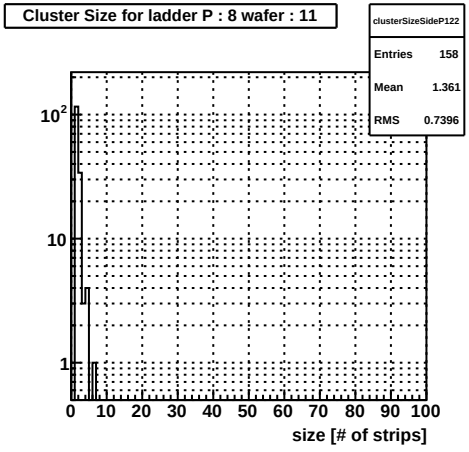

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 444
Mean 1.187
RMS 0.4874
size [# of strips]

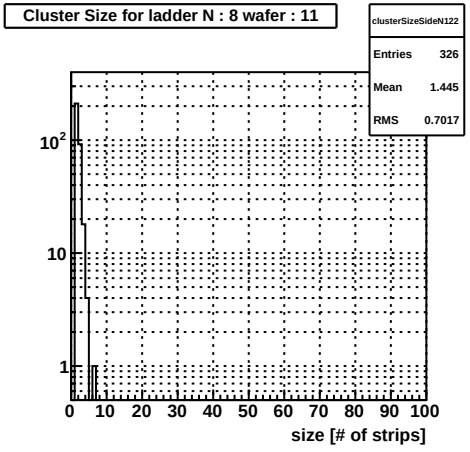

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 489
Mean 1.329
RMS 0.6266
size [# of strips]

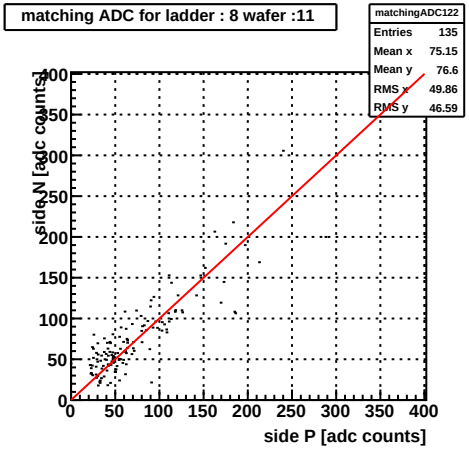

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 212
Mean x 59.99
Mean y 61.9
RMS x 49.47
RMS y 56.1
side N [adc counts]
side P [adc counts]

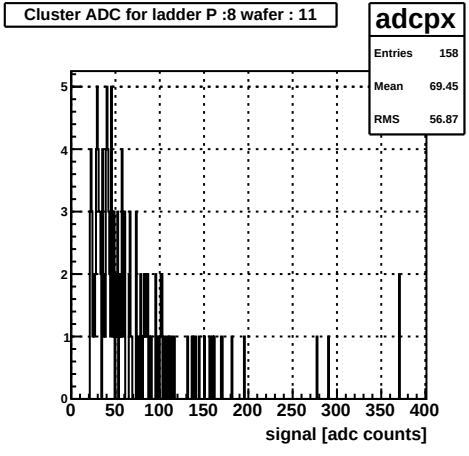

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 444
Mean 44.7
RMS 41.37
signal [adc counts]

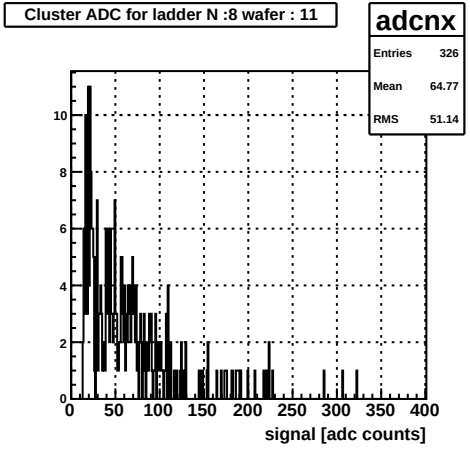

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 489
Mean 45.34
RMS 44.21
signal [adc counts]

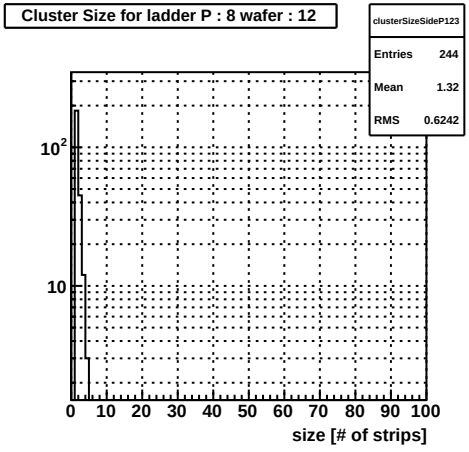

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 158
Mean 1.361
RMS 0.7396
size [# of strips]

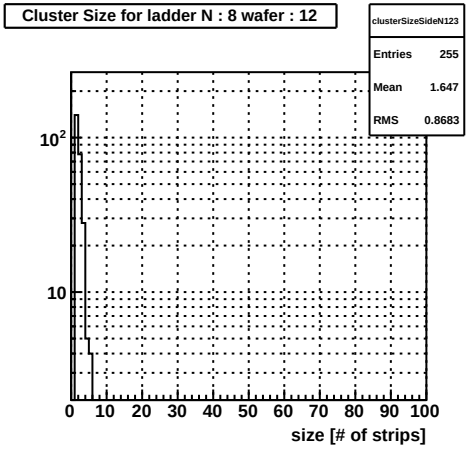

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 326
Mean 1.445
RMS 0.7017
size [# of strips]

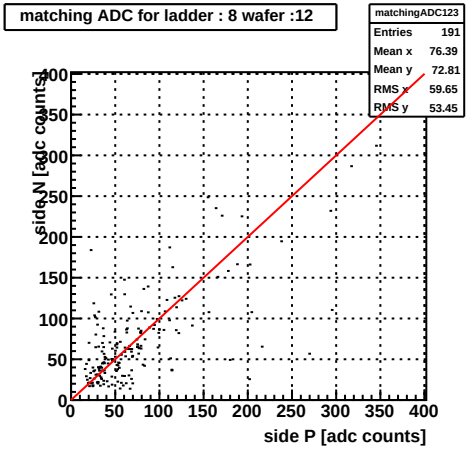

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 135
Mean x 75.15
Mean y 76.6
RMS x 49.86
RMS y 46.59
side N [adc counts]
side P [adc counts]

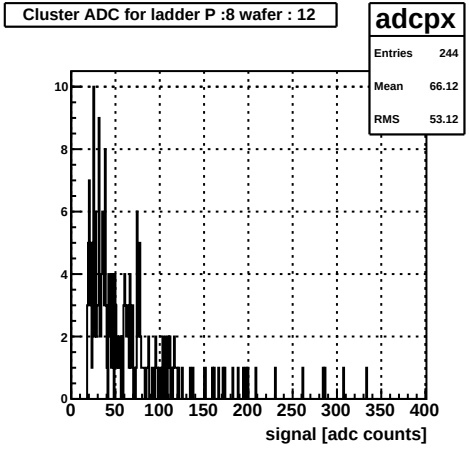

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 158
Mean 69.45
RMS 56.87
signal [adc counts]

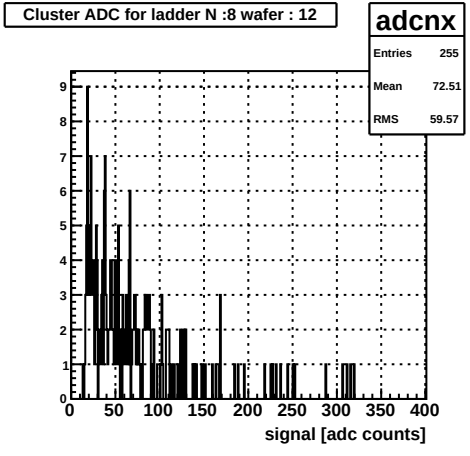

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 326
Mean 64.77
RMS 51.14
signal [adc counts]

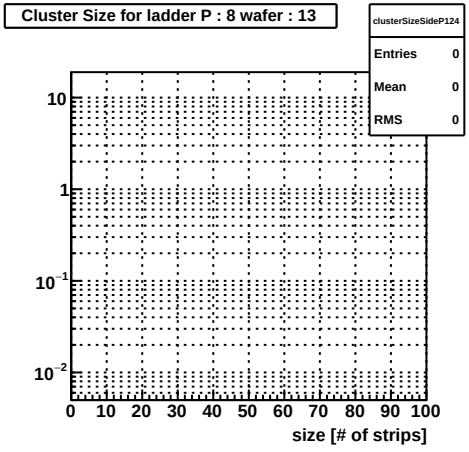

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 244
Mean 1.32
RMS 0.6242
size [# of strips]

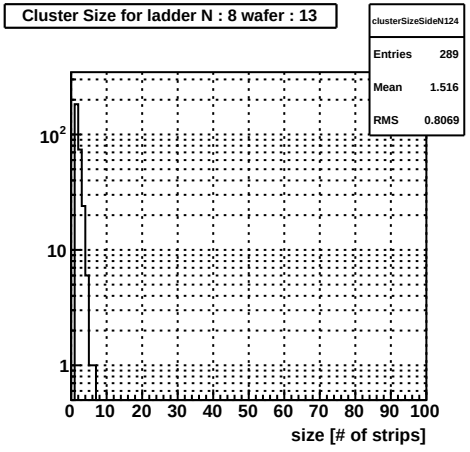

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 255
Mean 1.647
RMS 0.8683
size [# of strips]

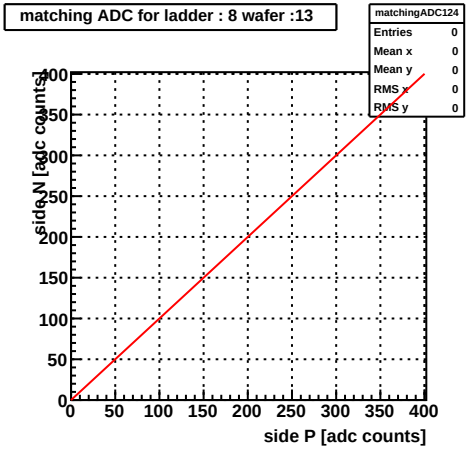

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 191
Mean x 76.39
Mean y 72.81
RMS x 59.65
RMS y 53.45
side N [adc counts]
side P [adc counts]

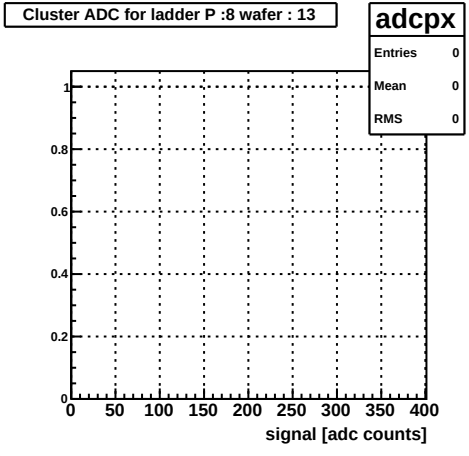

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 244
Mean 66.12
RMS 53.12
signal [adc counts]

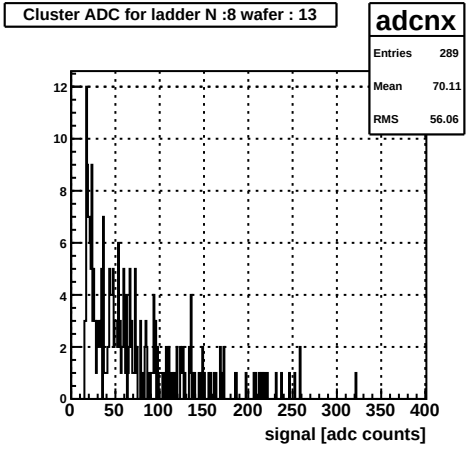

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 255
Mean 72.51
RMS 59.57
signal [adc counts]

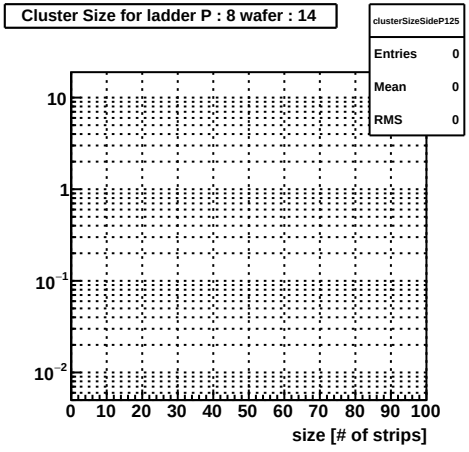

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

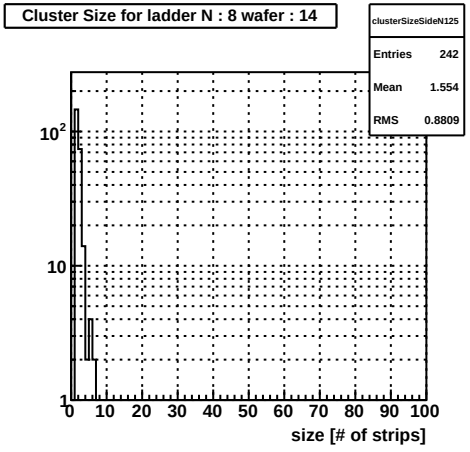

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 289
Mean 1.516
RMS 0.8069
size [# of strips]

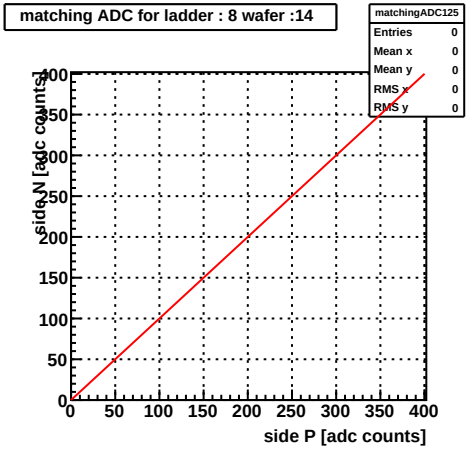

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

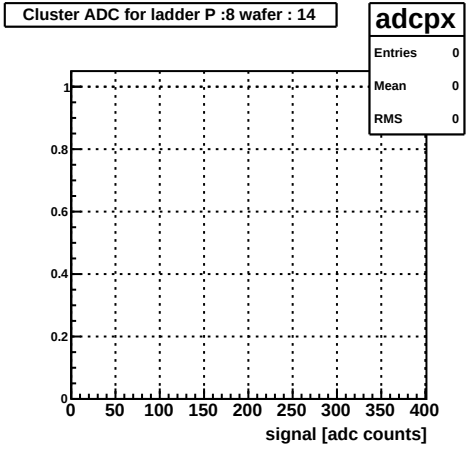

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

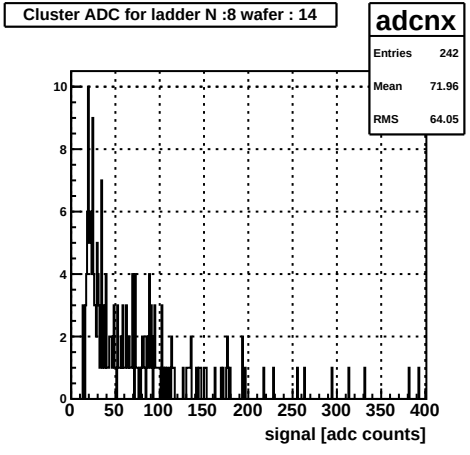

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 289
Mean 70.11
RMS 56.06
signal [adc counts]

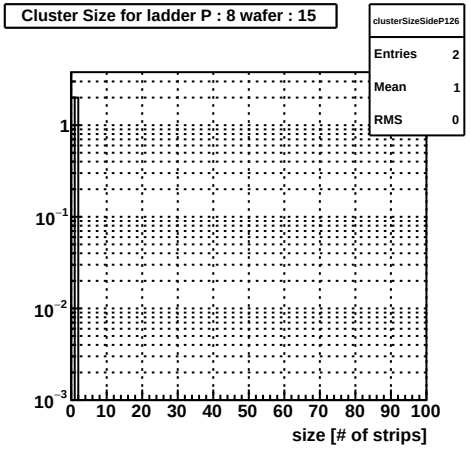

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

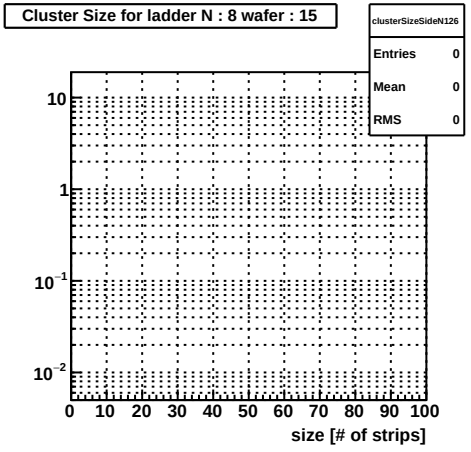

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 242
Mean 1.554
RMS 0.8809
size [# of strips]

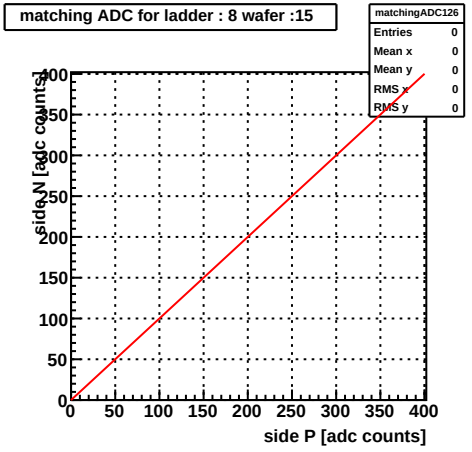

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

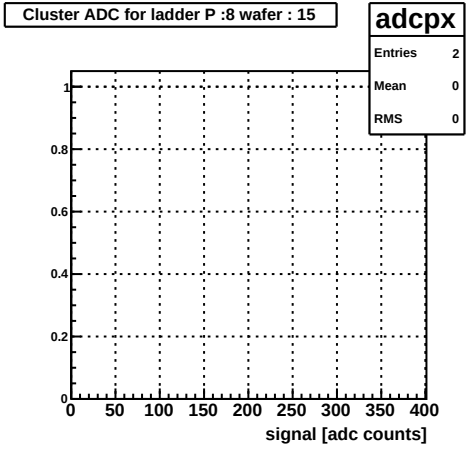

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

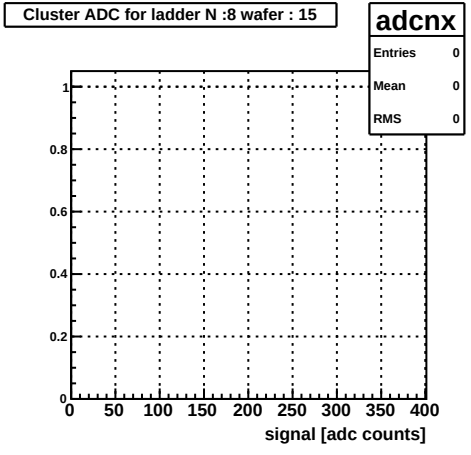

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 242
Mean 71.96
RMS 64.05
signal [adc counts]

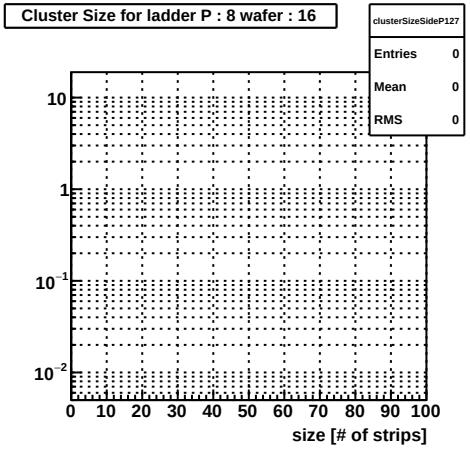

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

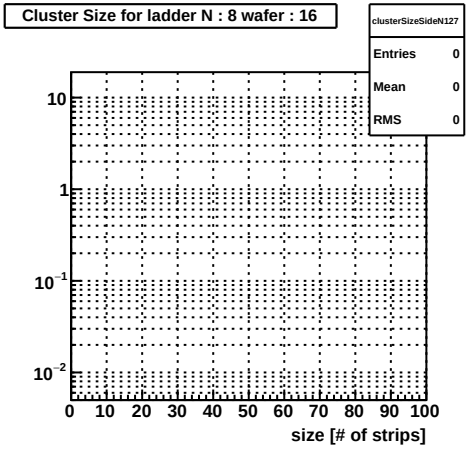

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

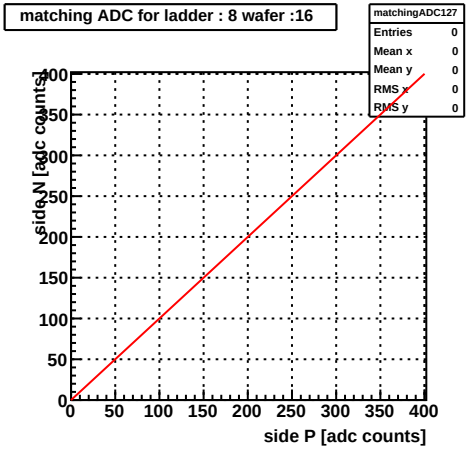

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

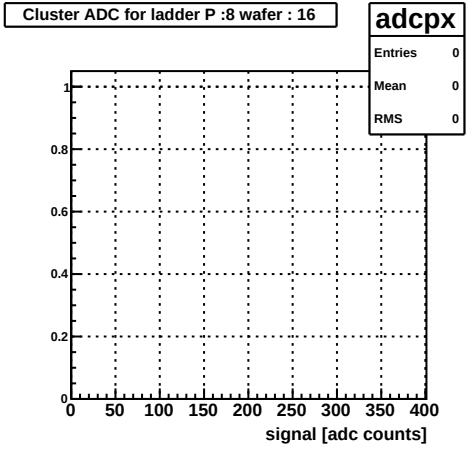

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

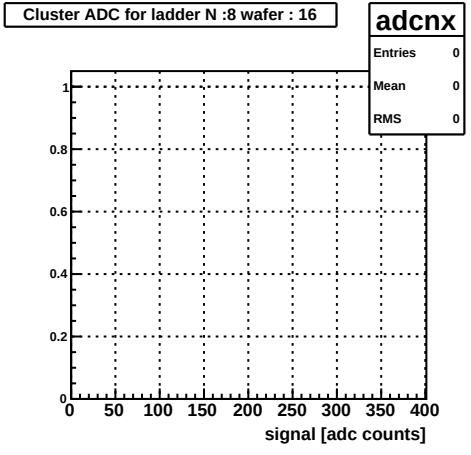

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

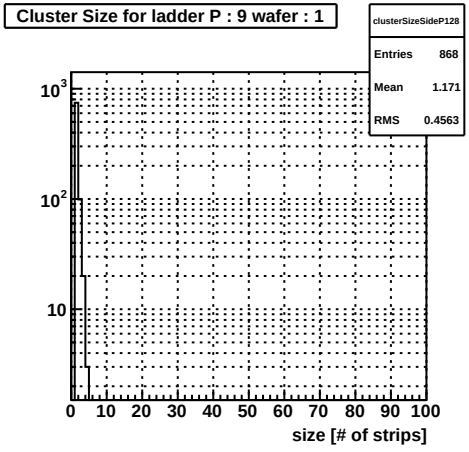

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

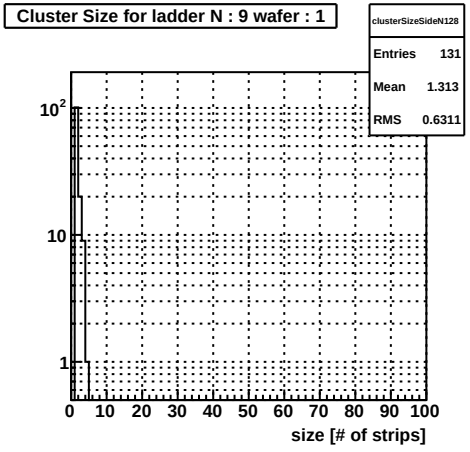

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

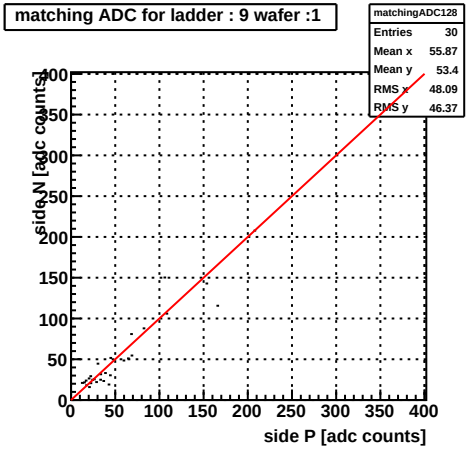

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

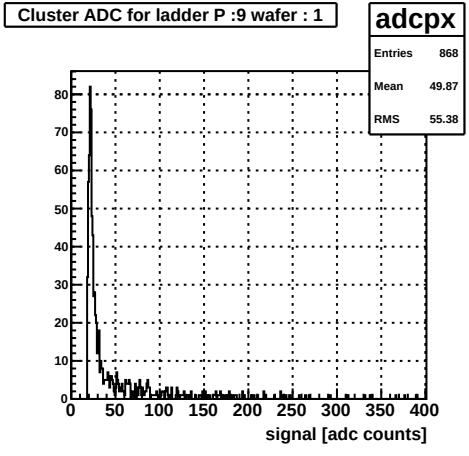

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

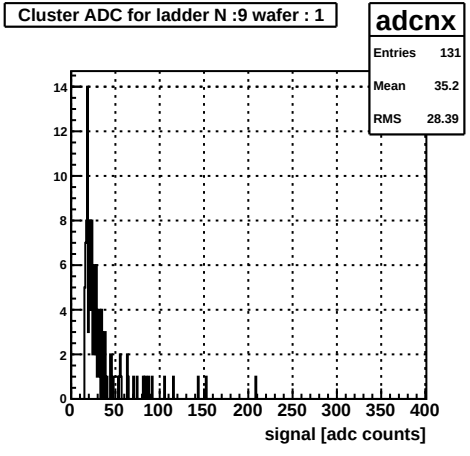

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

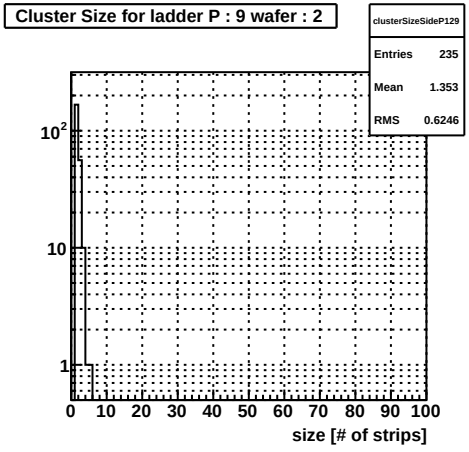

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 868
Mean 1.171
RMS 0.4563
size [# of strips]

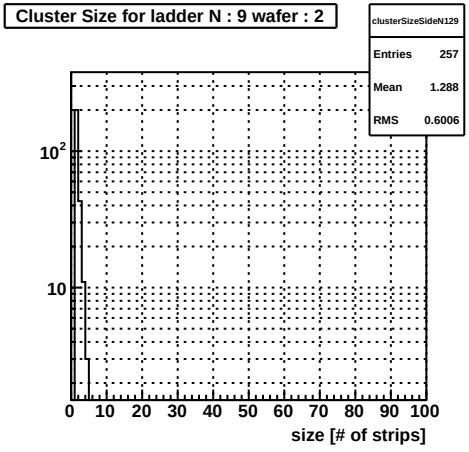

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 131
Mean 1.313
RMS 0.6311
size [# of strips]

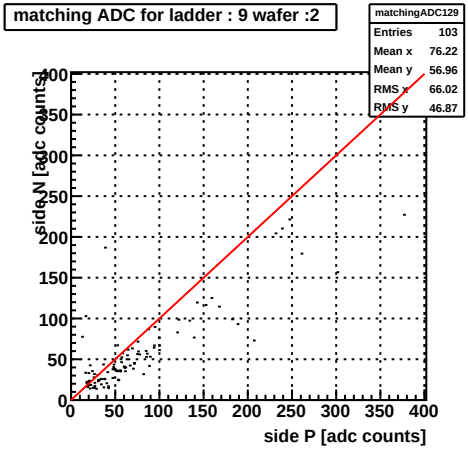

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 30
Mean x 55.87
Mean y 53.4
RMS x 48.09
RMS y 46.37
side N [adc counts]
side P [adc counts]

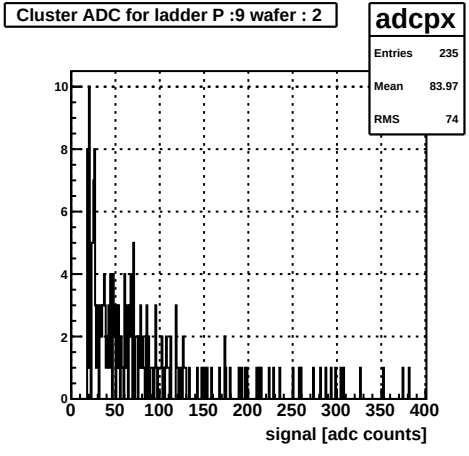

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 868
Mean 49.87
RMS 55.38
signal [adc counts]

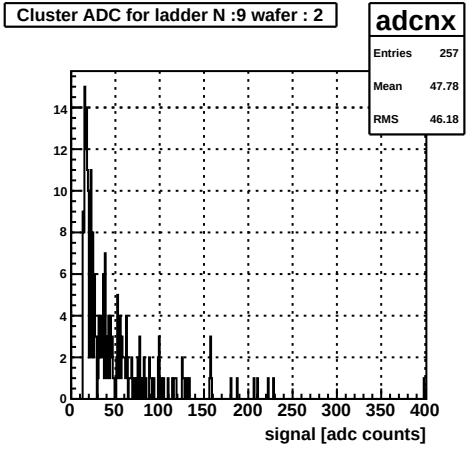

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 131
Mean 35.2
RMS 28.39
signal [adc counts]

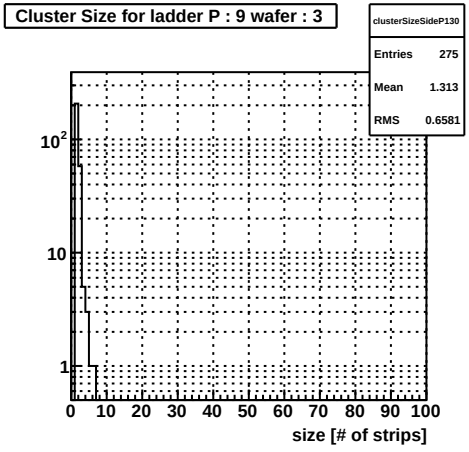

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 235
Mean 1.353
RMS 0.6246
size [# of strips]

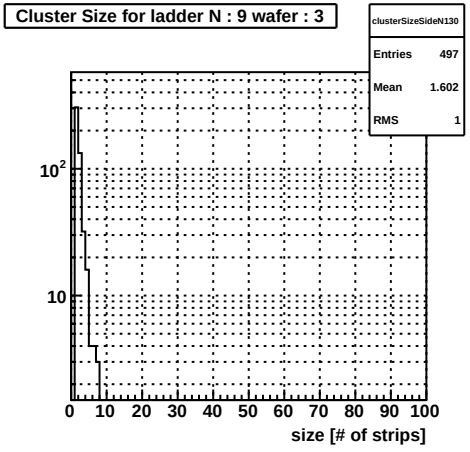

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 257
Mean 1.288
RMS 0.6006
size [# of strips]

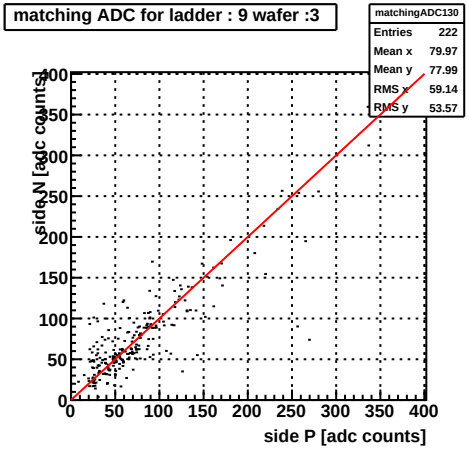

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 103
Mean x 76.22
Mean y 56.96
RMS x 66.02
RMS y 46.87
side N [adc counts]
side P [adc counts]

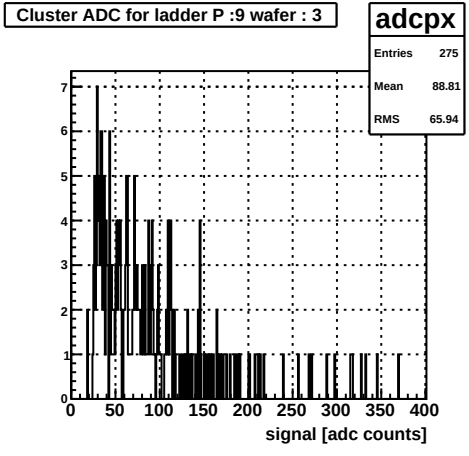

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 235
Mean 83.97
RMS 74
signal [adc counts]

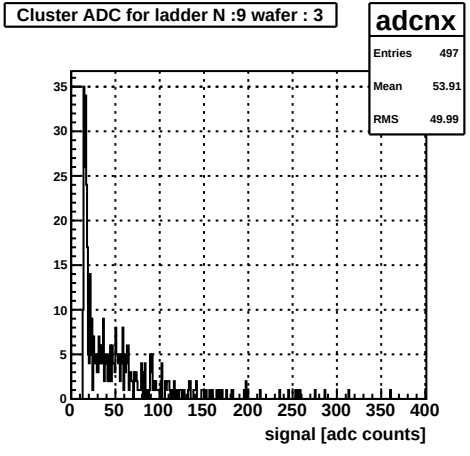

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 257
Mean 47.78
RMS 46.18
signal [adc counts]

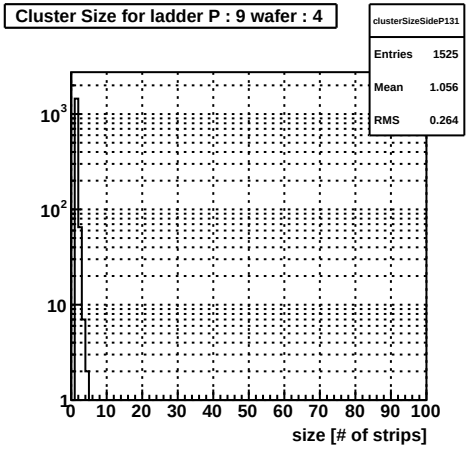

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 275
Mean 1.313
RMS 0.6581
size [# of strips]

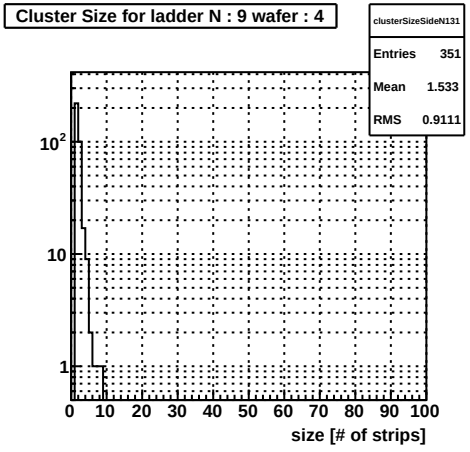

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 497
Mean 1.602
RMS 1
size [# of strips]

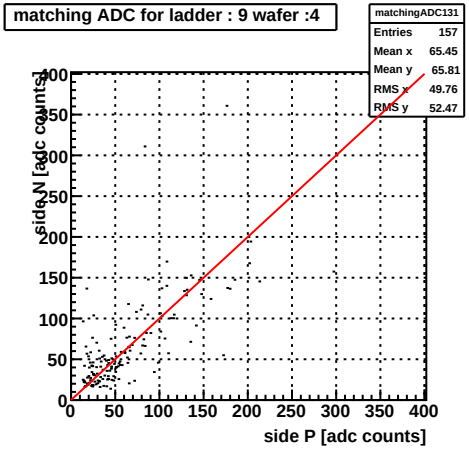

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 222
Mean x 79.97
Mean y 77.99
RMS x 59.14
RMS y 53.57
side N [adc counts]
side P [adc counts]

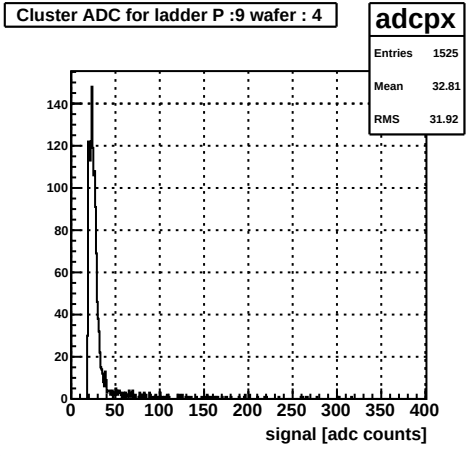

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 275
Mean 88.81
RMS 65.94
signal [adc counts]

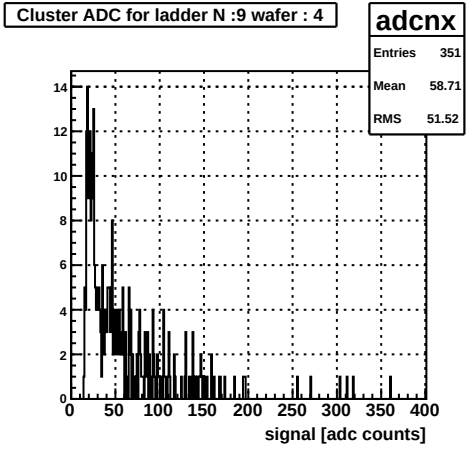

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 497
Mean 53.91
RMS 49.99
signal [adc counts]

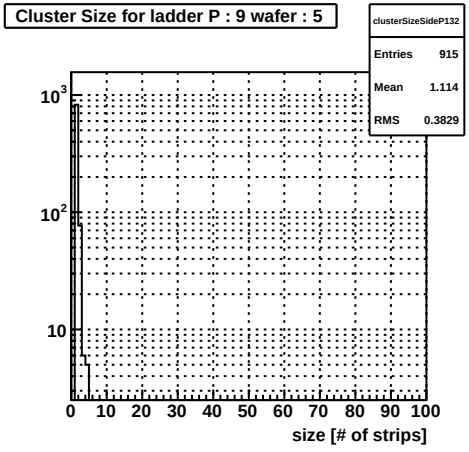

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 1525
Mean 1.056
RMS 0.264
size [# of strips]

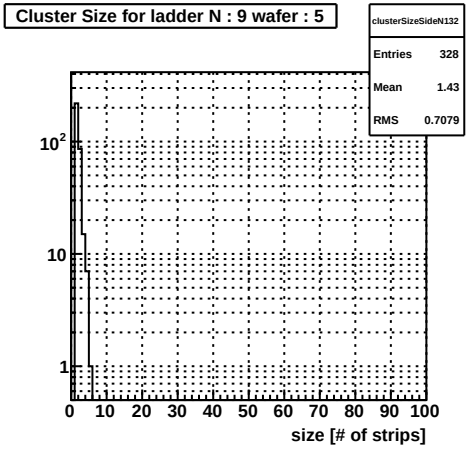

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 351
Mean 1.533
RMS 0.9111
size [# of strips]

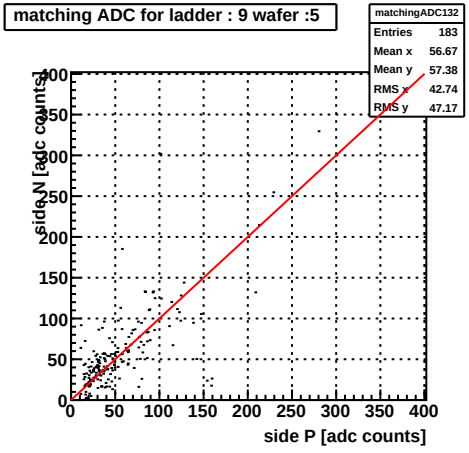

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 157
Mean x 65.45
Mean y 65.81
RMS x 49.76
RMS y 52.47
side N [adc counts]
side P [adc counts]

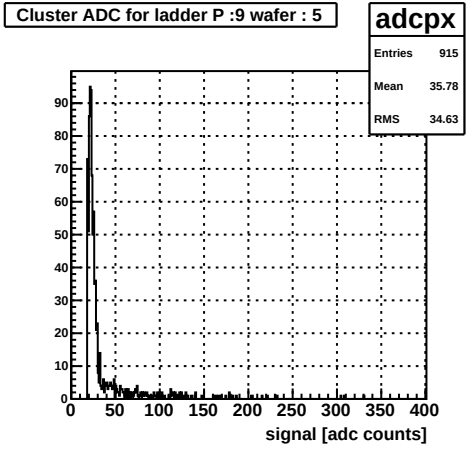

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 1525
Mean 32.81
RMS 31.92
signal [adc counts]

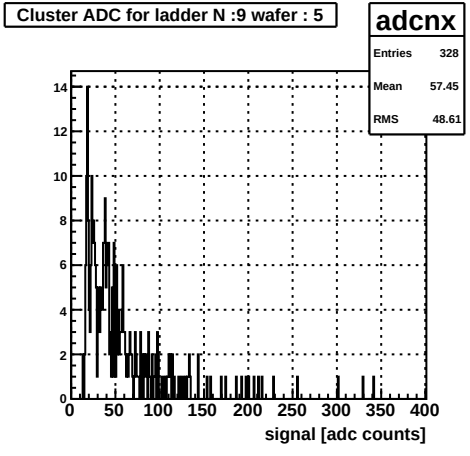

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 351
Mean 58.71
RMS 51.52
signal [adc counts]

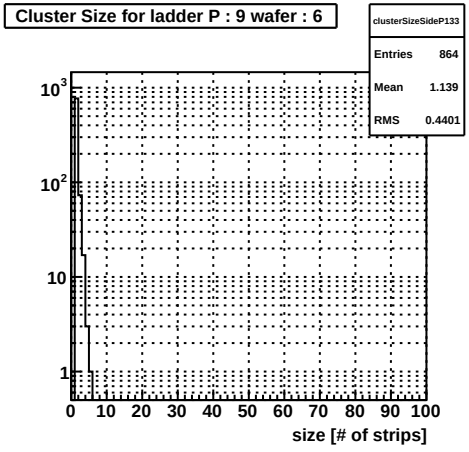

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 915
Mean 1.114
RMS 0.3829
size [# of strips]

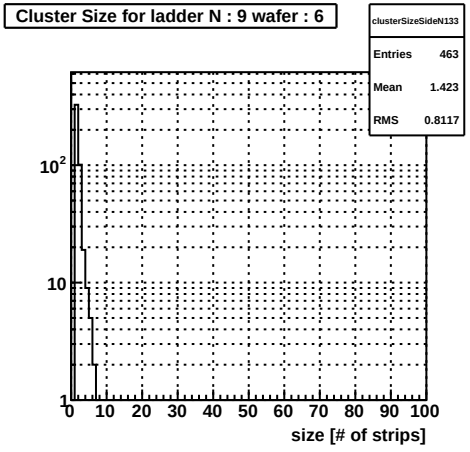

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 328
Mean 1.43
RMS 0.7079
size [# of strips]

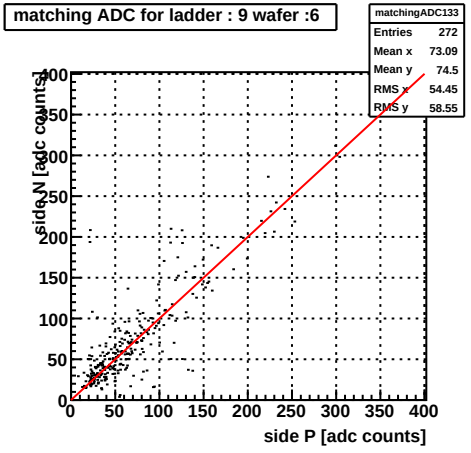

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 183
Mean x 56.67
Mean y 57.38
RMS x 42.74
RMS y 47.17
side N [adc counts]
side P [adc counts]

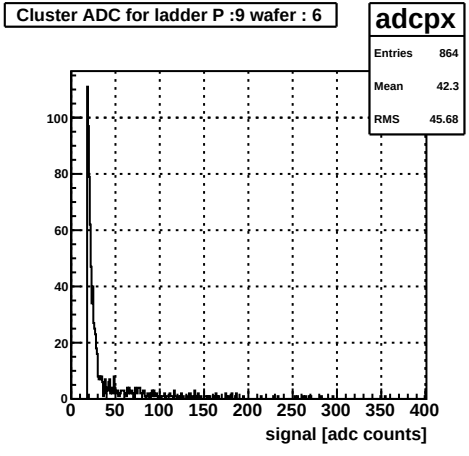

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 915
Mean 35.78
RMS 34.63
signal [adc counts]

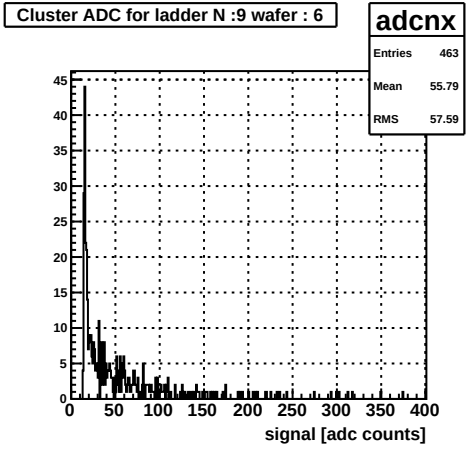

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 328
Mean 57.45
RMS 48.61
signal [adc counts]

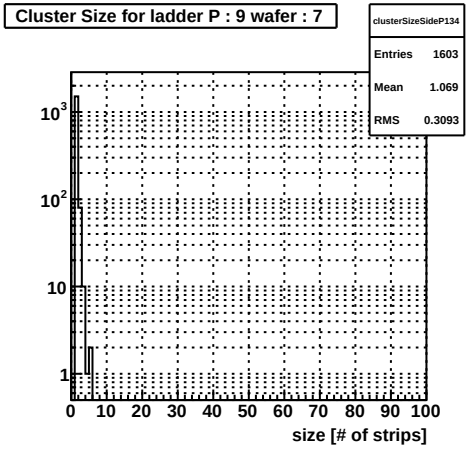

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 864
Mean 1.139
RMS 0.4401
size [# of strips]

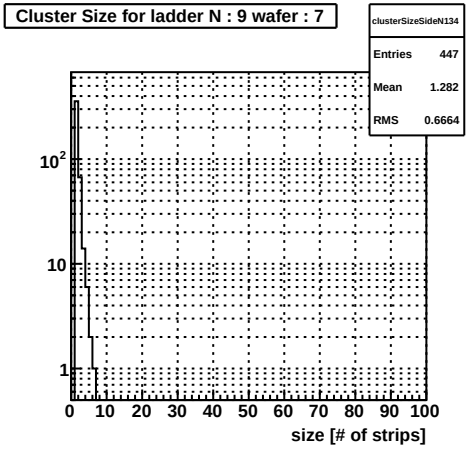

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 463
Mean 1.423
RMS 0.8117
size [# of strips]

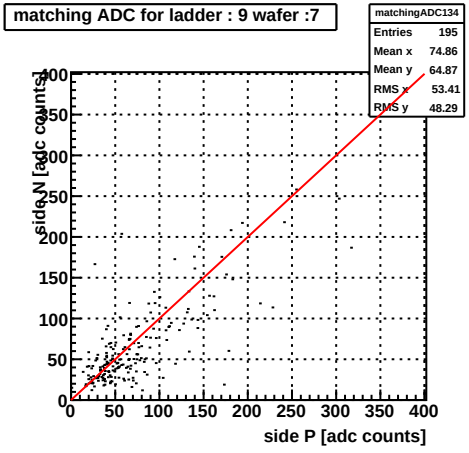

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 272
Mean x 73.09
Mean y 74.5
RMS x 54.45
RMS y 58.55
side N [adc counts]
side P [adc counts]

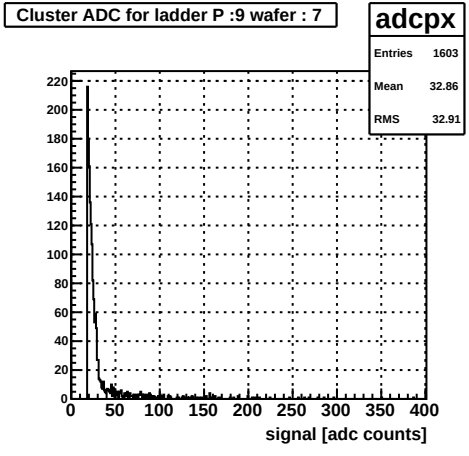

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 864
Mean 42.3
RMS 45.68
signal [adc counts]

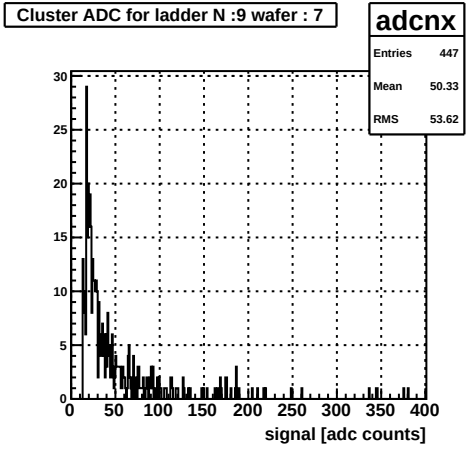

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 463
Mean 55.79
RMS 57.59
signal [adc counts]

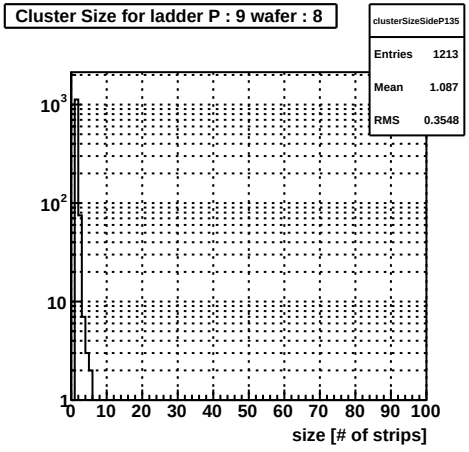

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 1603
Mean 1.069
RMS 0.3093
size [# of strips]

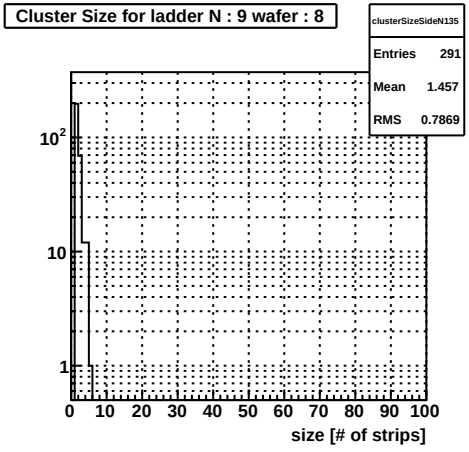

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 447
Mean 1.282
RMS 0.6664
size [# of strips]

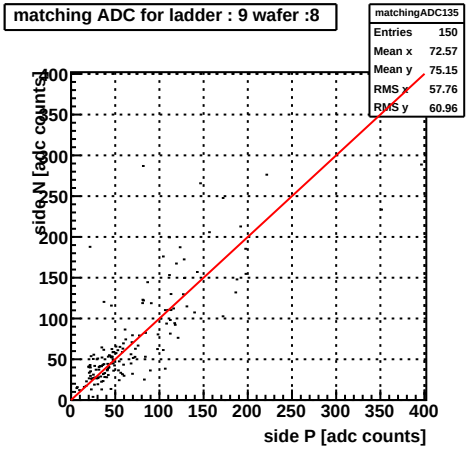

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 195
Mean x 74.86
Mean y 64.87
RMS x 53.41
RMS y 48.29
side N [adc counts]
side P [adc counts]

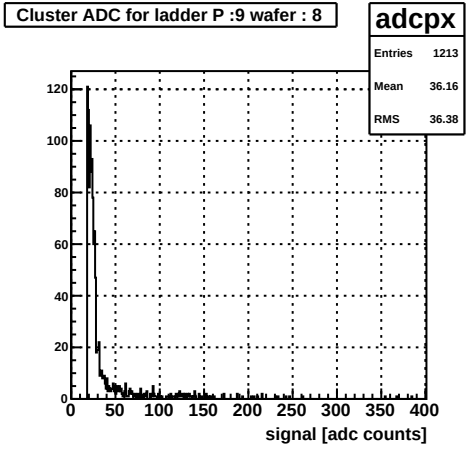

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 1603
Mean 32.86
RMS 32.91
signal [adc counts]

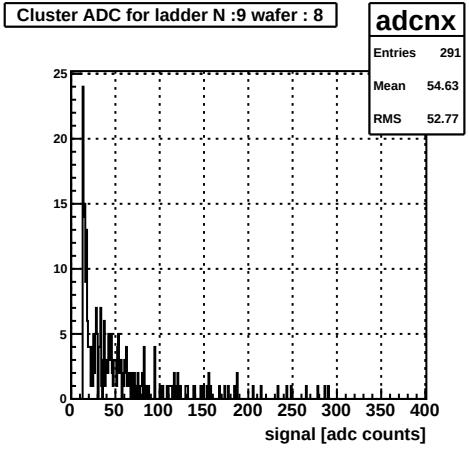

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 447
Mean 50.33
RMS 53.62
signal [adc counts]

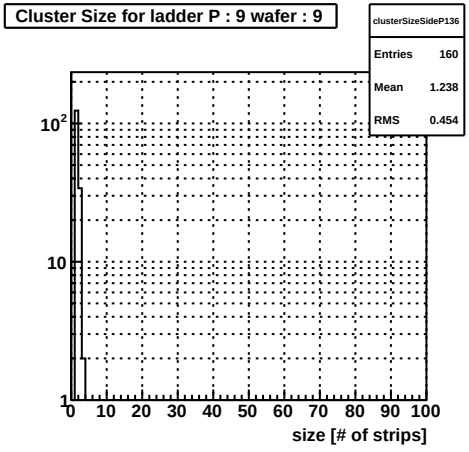

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 1213
Mean 1.087
RMS 0.3548
size [# of strips]

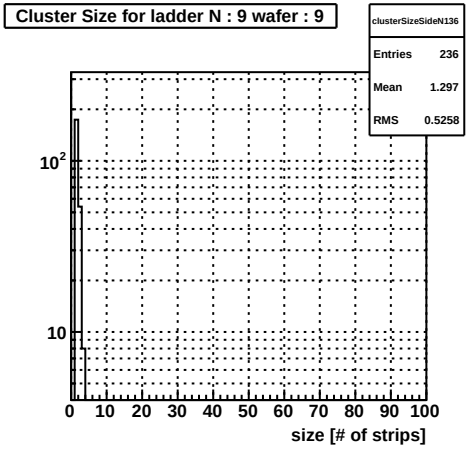

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 291
Mean 1.457
RMS 0.7869
size [# of strips]

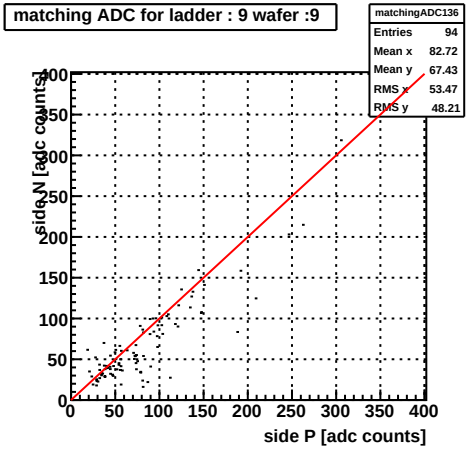

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 150
Mean x 72.57
Mean y 75.15
RMS x 57.76
RMS y 60.96
side N [adc counts]
side P [adc counts]

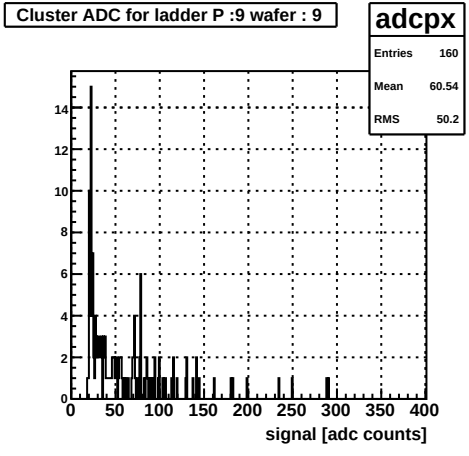

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 1213
Mean 36.16
RMS 36.38
signal [adc counts]

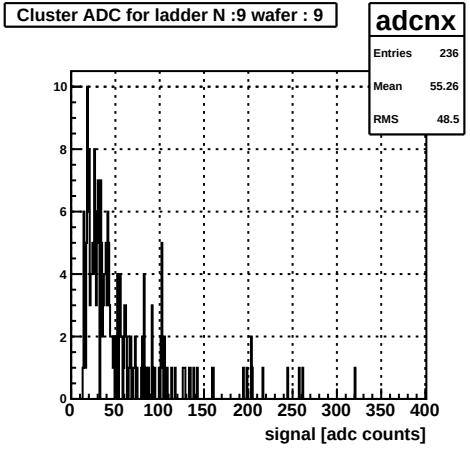

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 291
Mean 54.63
RMS 52.77
signal [adc counts]

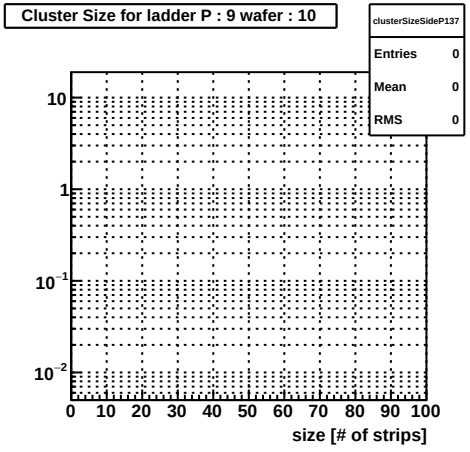

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 160
Mean 1.238
RMS 0.454
size [# of strips]

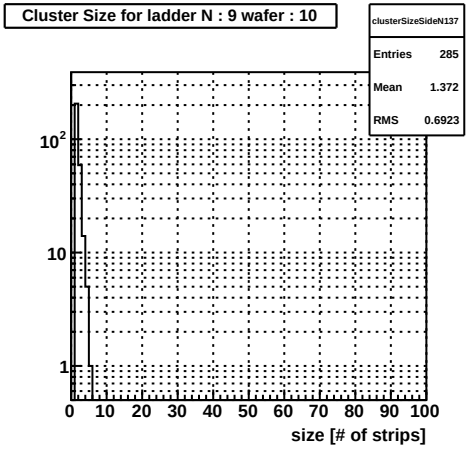

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 236
Mean 1.297
RMS 0.5258
size [# of strips]

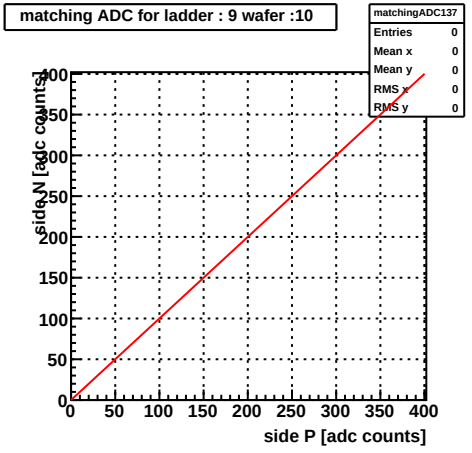

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 94
Mean x 82.72
Mean y 67.43
RMS x 53.47
RMS y 48.21
side N [adc counts]
side P [adc counts]

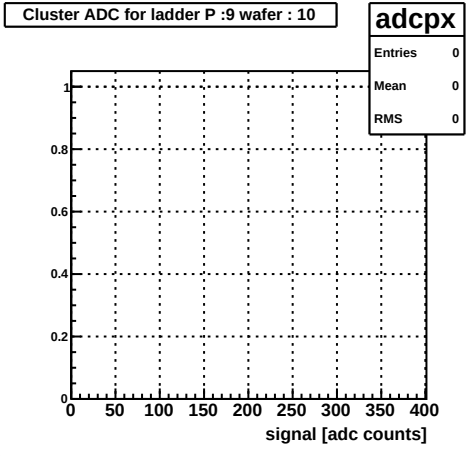

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 160
Mean 60.54
RMS 50.2
signal [adc counts]

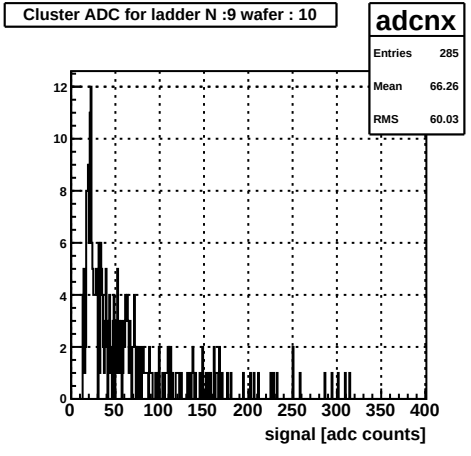

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 236
Mean 55.26
RMS 48.5
signal [adc counts]

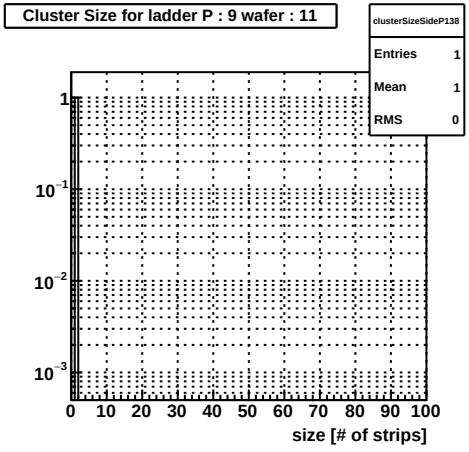

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

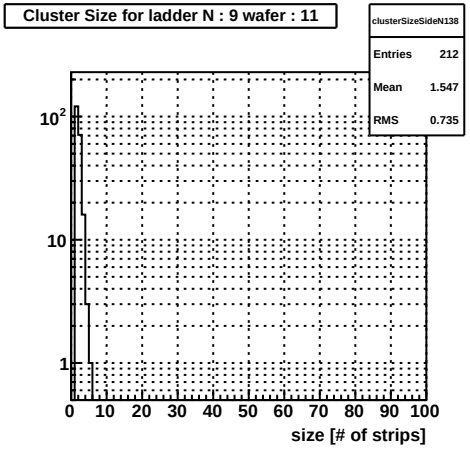

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 285
Mean 1.372
RMS 0.6923
size [# of strips]

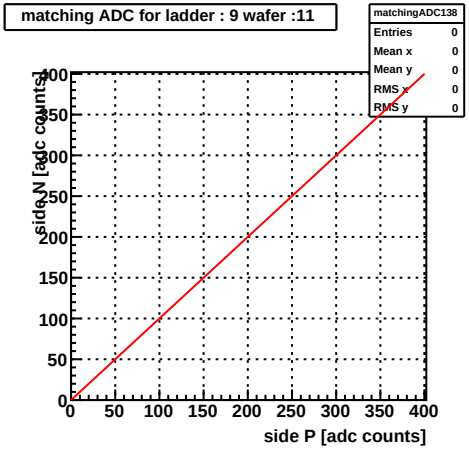

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

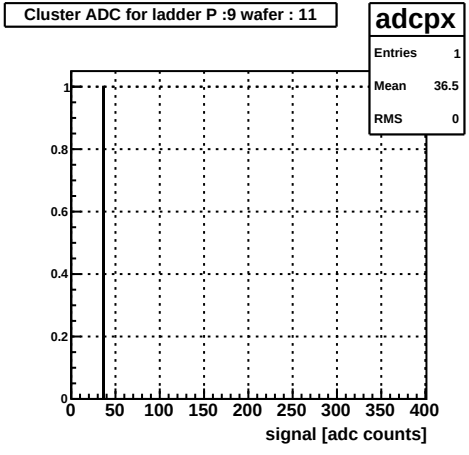

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

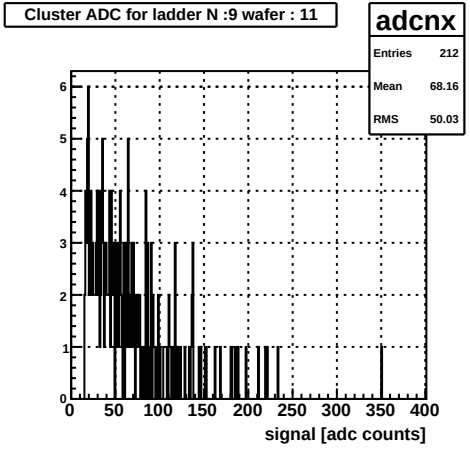

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 285
Mean 66.26
RMS 60.03
signal [adc counts]

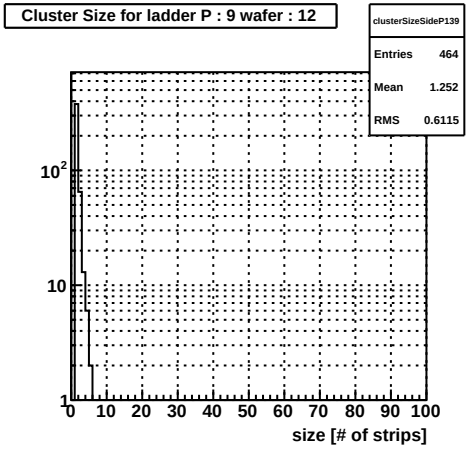

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

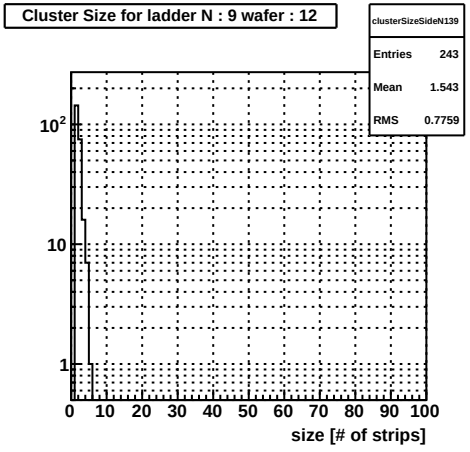

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 212
Mean 1.547
RMS 0.735
size [# of strips]

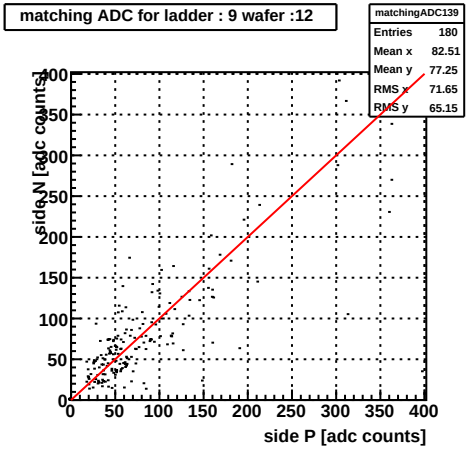

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

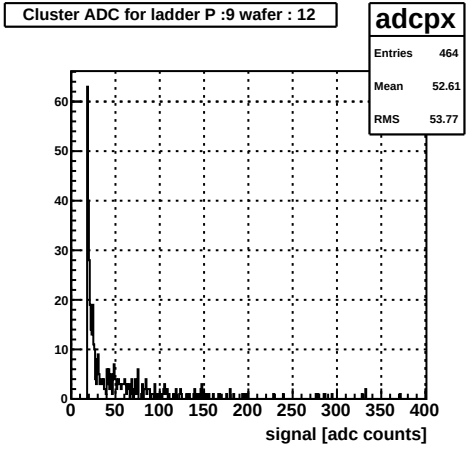

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 36.5
RMS 0
signal [adc counts]

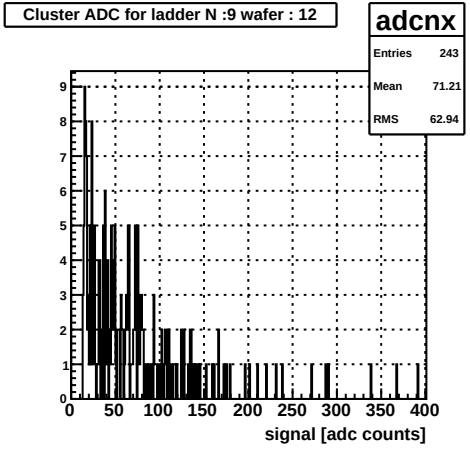

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 212
Mean 68.16
RMS 50.03
signal [adc counts]

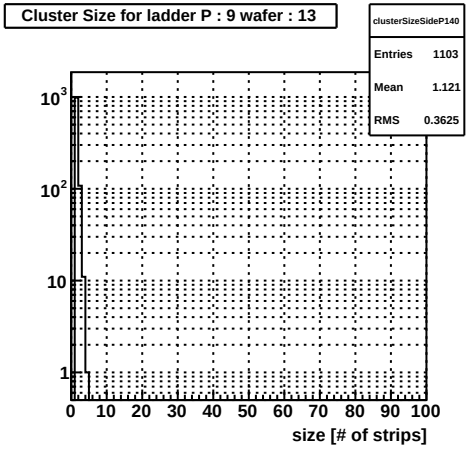

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 464
Mean 1.252
RMS 0.6115
size [# of strips]

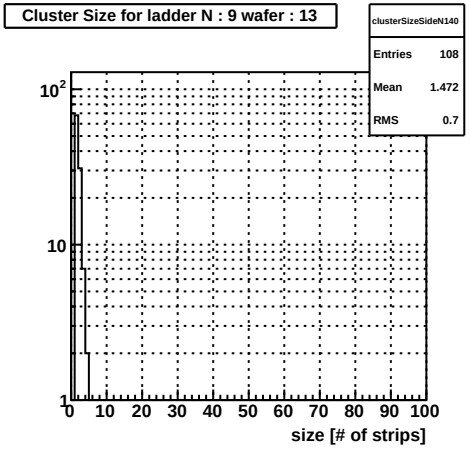

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 243
Mean 1.543
RMS 0.7759
size [# of strips]

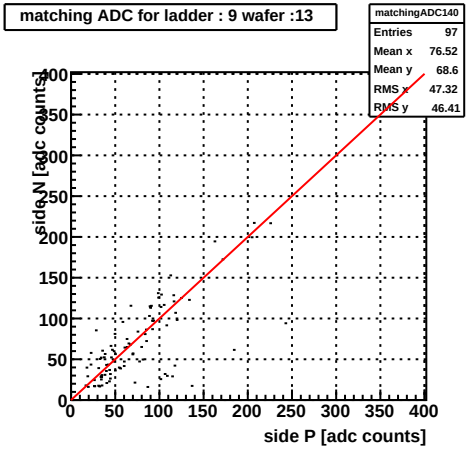

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 180
Mean x 82.51
Mean y 77.25
RMS x 71.65
RMS y 65.15
side N [adc counts]
side P [adc counts]

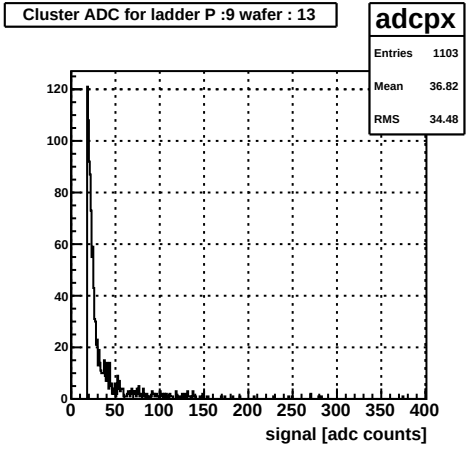

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 464
Mean 52.61
RMS 53.77
signal [adc counts]

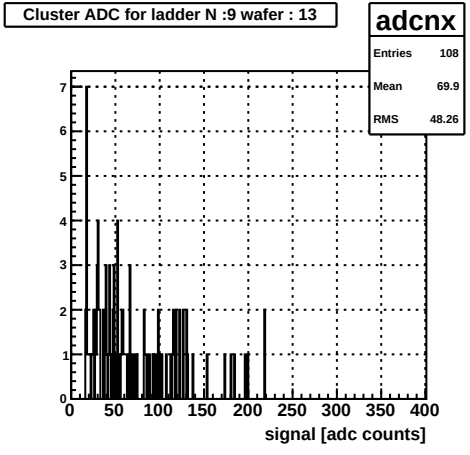

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 243
Mean 71.21
RMS 62.94
signal [adc counts]

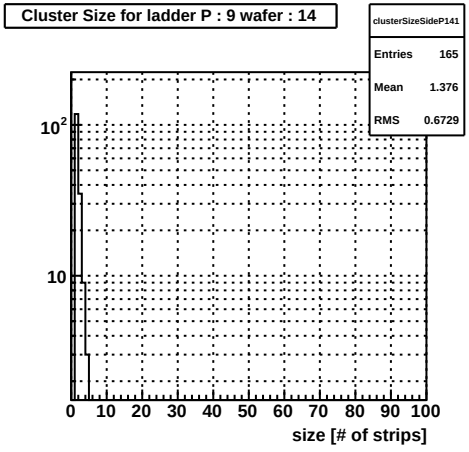

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 1103
Mean 1.121
RMS 0.3625
size [# of strips]

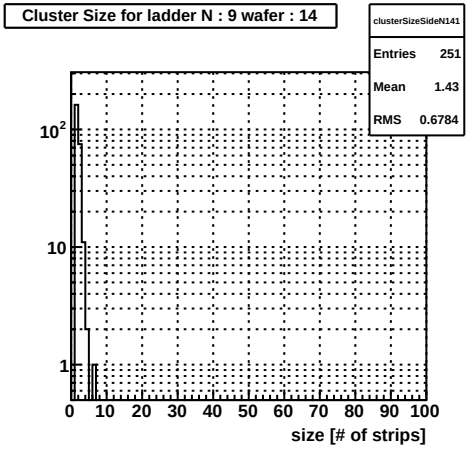

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 108
Mean 1.472
RMS 0.7
size [# of strips]

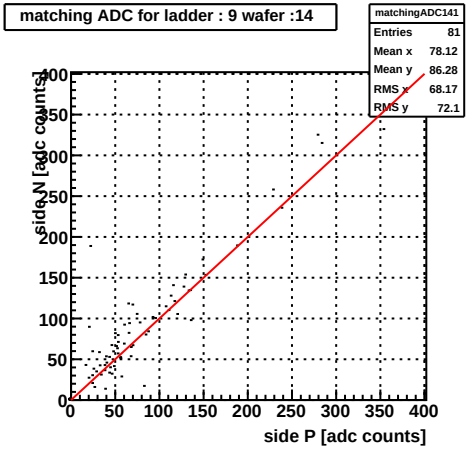

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 97
Mean x 76.52
Mean y 68.6
RMS x 47.32
RMS y 46.41
side N [adc counts]
side P [adc counts]

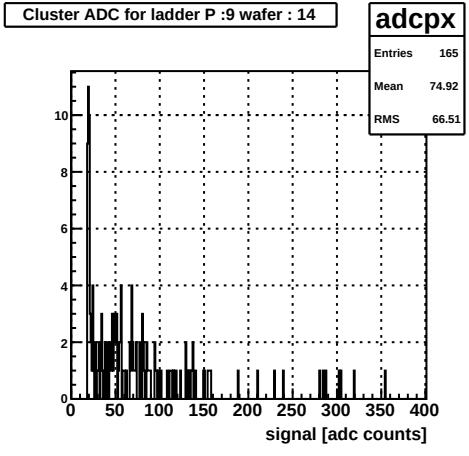

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 1103
Mean 36.82
RMS 34.48
signal [adc counts]

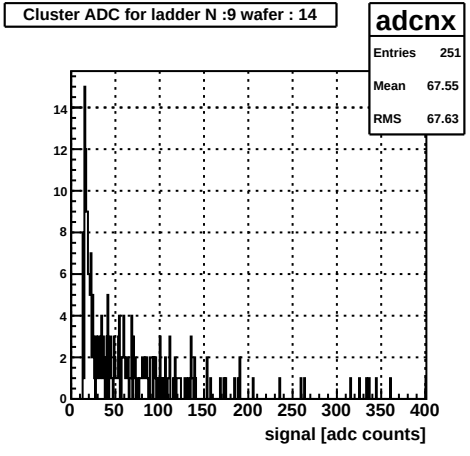

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 108
Mean 69.9
RMS 48.26
signal [adc counts]

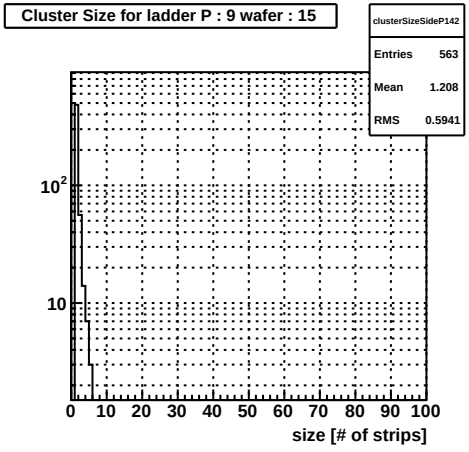

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 165
Mean 1.376
RMS 0.6729
size [# of strips]

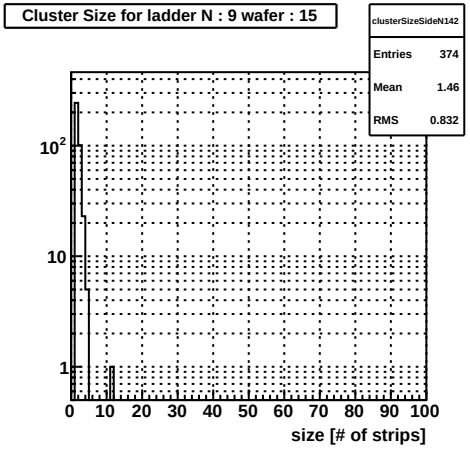

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 251
Mean 1.43
RMS 0.6784
size [# of strips]

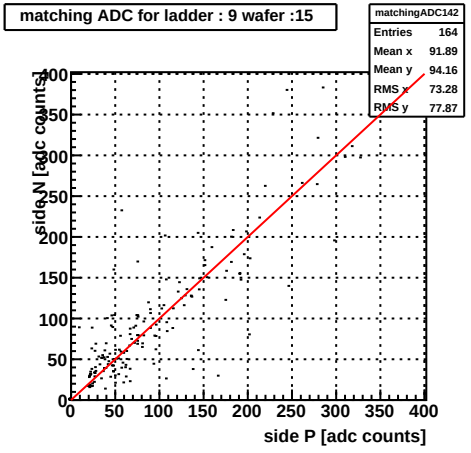

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 81
Mean x 78.12
Mean y 86.28
RMS x 68.17
RMS y 72.1
side N [adc counts]
side P [adc counts]

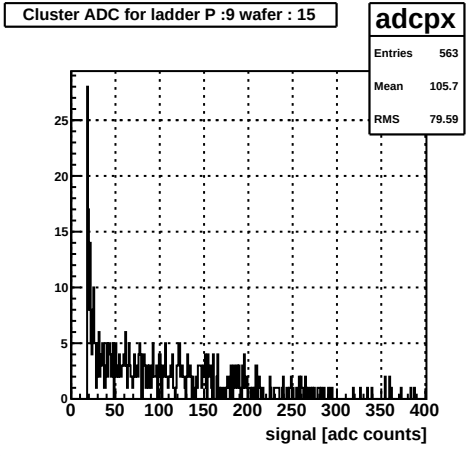

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 165
Mean 74.92
RMS 66.51
signal [adc counts]

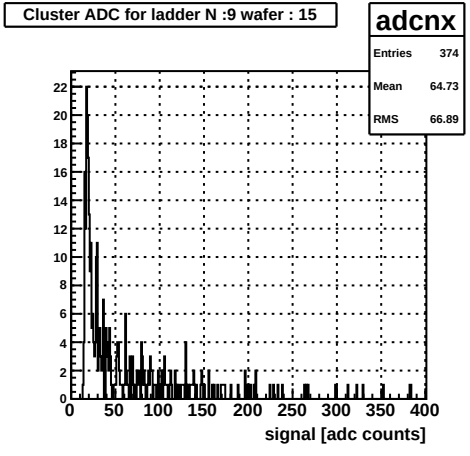

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 251
Mean 67.55
RMS 67.63
signal [adc counts]

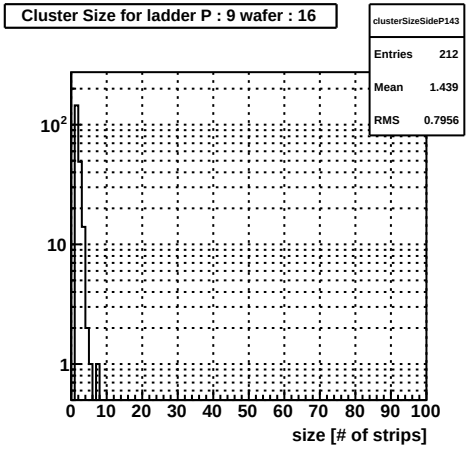

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 563
Mean 1.208
RMS 0.5941
size [# of strips]

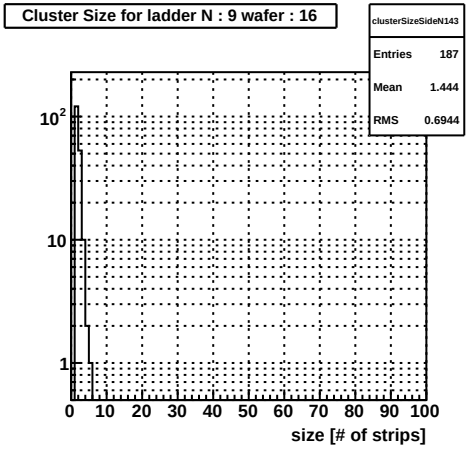

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 374
Mean 1.46
RMS 0.832
size [# of strips]

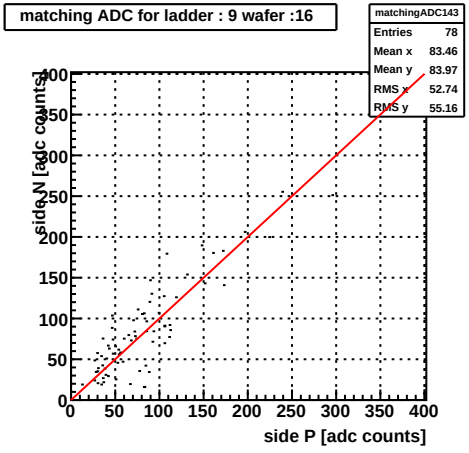

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 164
Mean x 91.89
Mean y 94.16
RMS x 73.28
RMS y 77.87
side N [adc counts]
side P [adc counts]

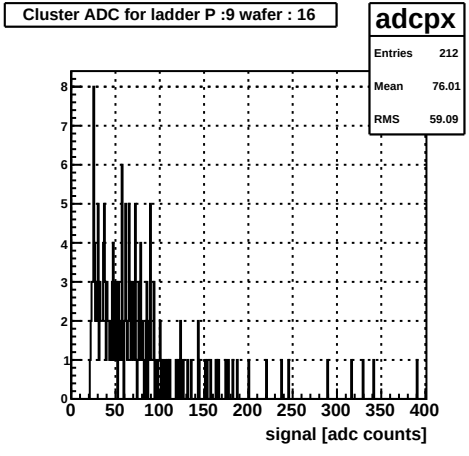

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 563
Mean 105.7
RMS 79.59
signal [adc counts]

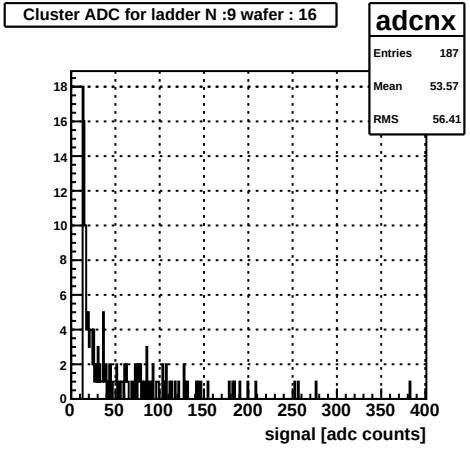

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 374
Mean 64.73
RMS 66.89
signal [adc counts]

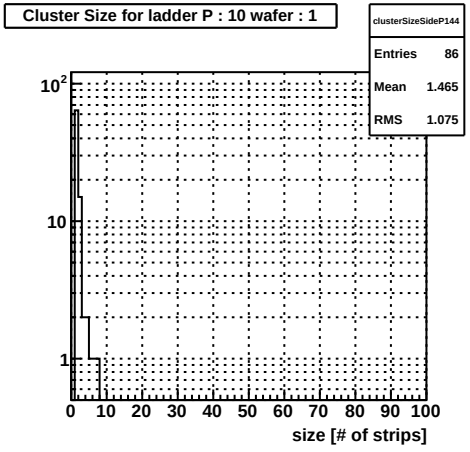

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 212
Mean 1.439
RMS 0.7956
size [# of strips]

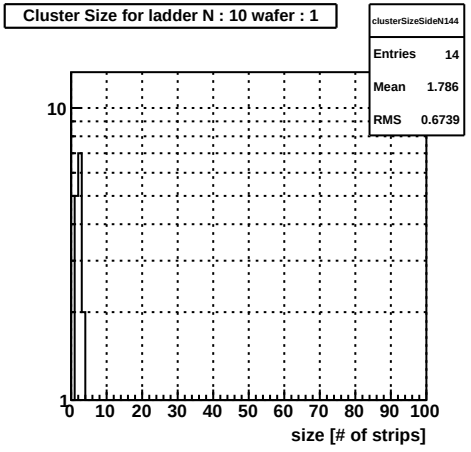

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 187
Mean 1.444
RMS 0.6944
size [# of strips]

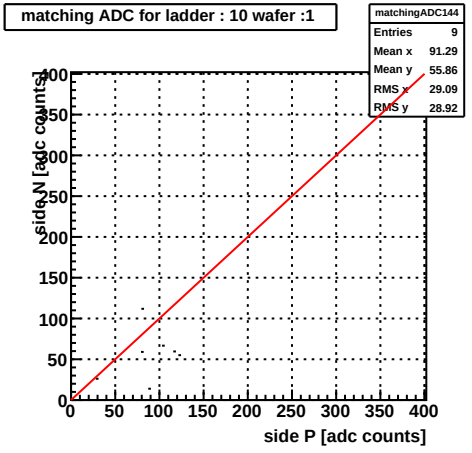

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 78
Mean x 83.46
Mean y 83.97
RMS x 52.74
RMS y 55.16
side N [adc counts]
side P [adc counts]

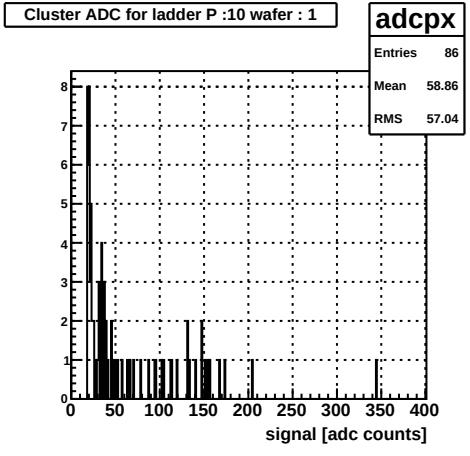

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 212
Mean 76.01
RMS 59.09
signal [adc counts]

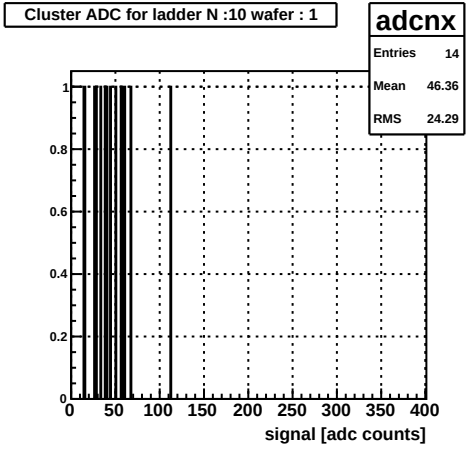

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 187
Mean 53.57
RMS 56.41
signal [adc counts]

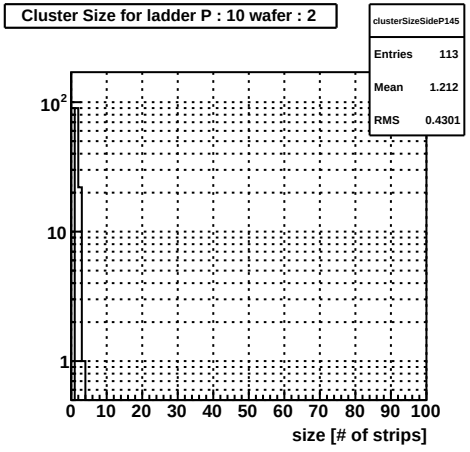

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 86
Mean 1.465
RMS 1.075
size [# of strips]

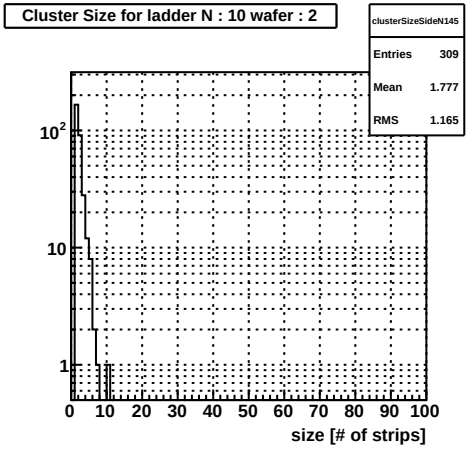

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 14
Mean 1.786
RMS 0.6739
size [# of strips]

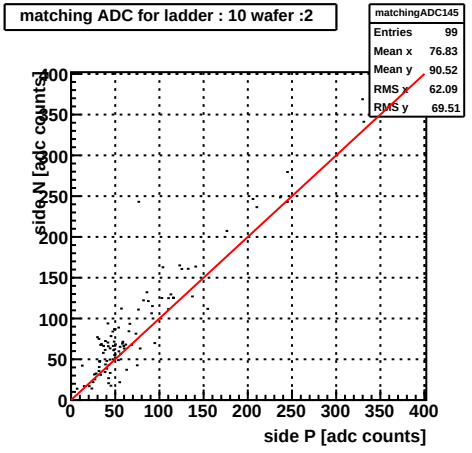

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 9
Mean x 91.29
Mean y 55.86
RMS x 29.09
RMS y 28.92
side N [adc counts]
side P [adc counts]

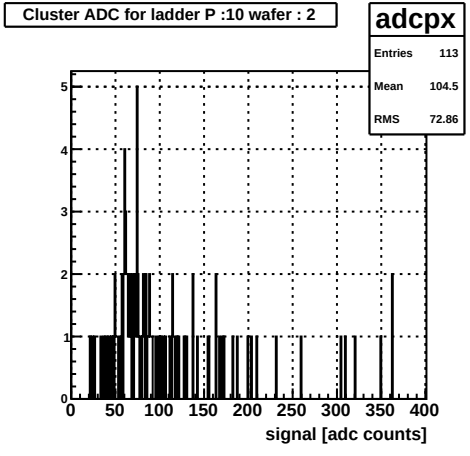

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 86
Mean 58.86
RMS 57.04
signal [adc counts]

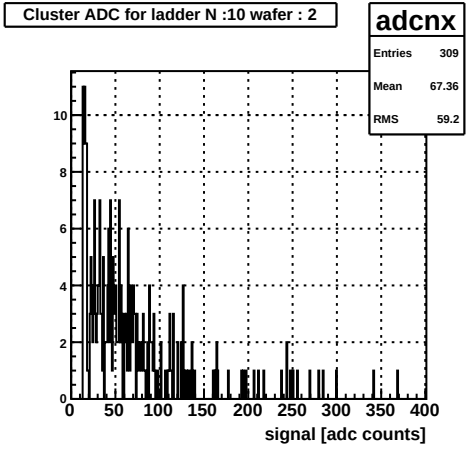

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 14
Mean 46.36
RMS 24.29
signal [adc counts]

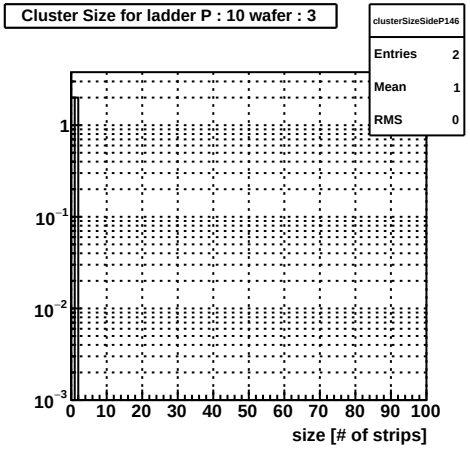

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 113
Mean 1.212
RMS 0.4301
size [# of strips]

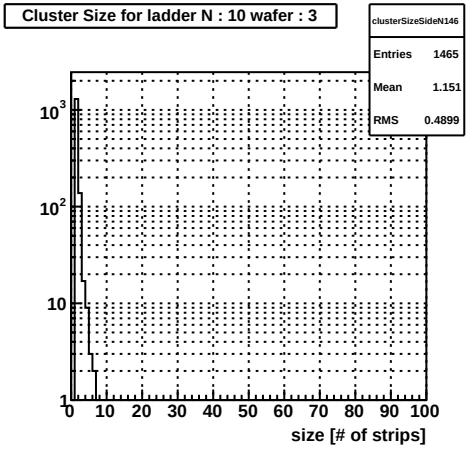

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 309
Mean 1.777
RMS 1.165
size [# of strips]

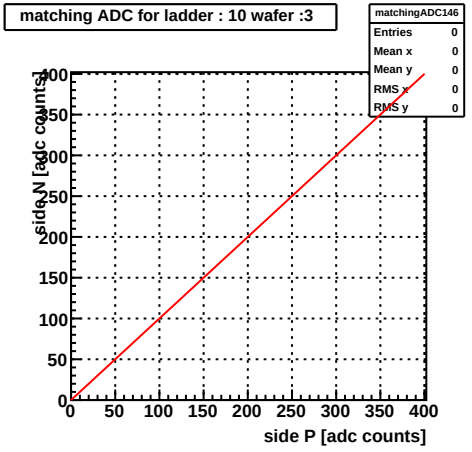

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 99
Mean x 76.83
Mean y 90.52
RMS x 62.09
RMS y 69.51
side N [adc counts]
side P [adc counts]

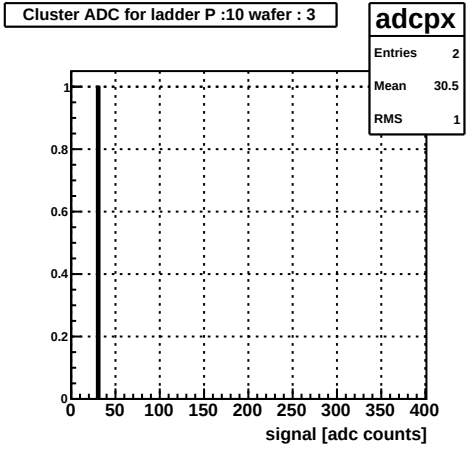

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 113
Mean 104.5
RMS 72.86
signal [adc counts]

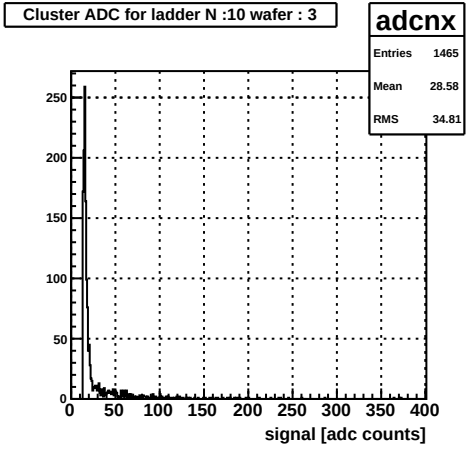

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 309
Mean 67.36
RMS 59.2
signal [adc counts]

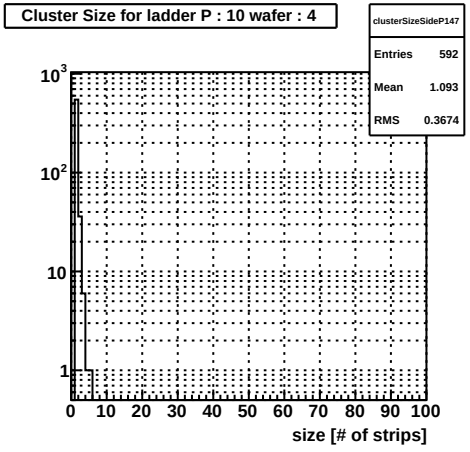

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 2
Mean 1
RMS 0
size [# of strips]

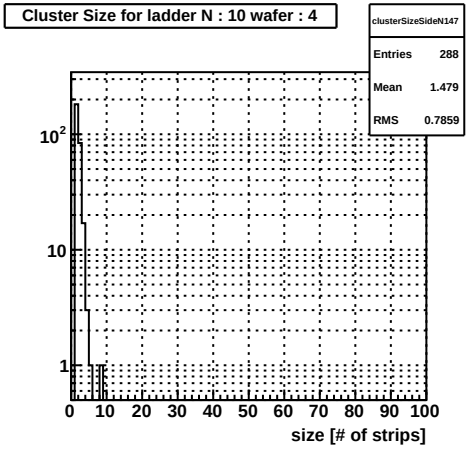

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 1465
Mean 1.151
RMS 0.4899
size [# of strips]

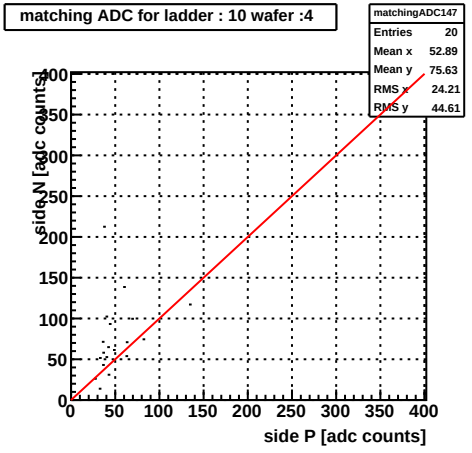

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

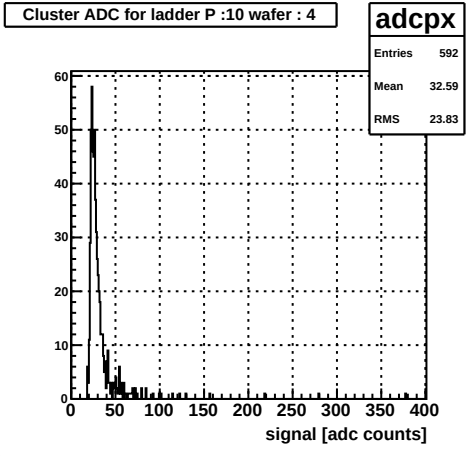

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 2
Mean 30.5
RMS 1
signal [adc counts]

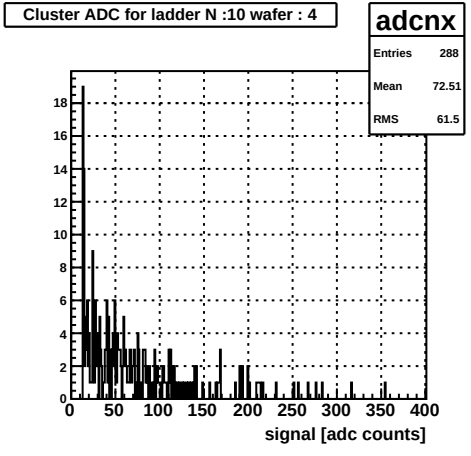

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 1465
Mean 28.58
RMS 34.81
signal [adc counts]

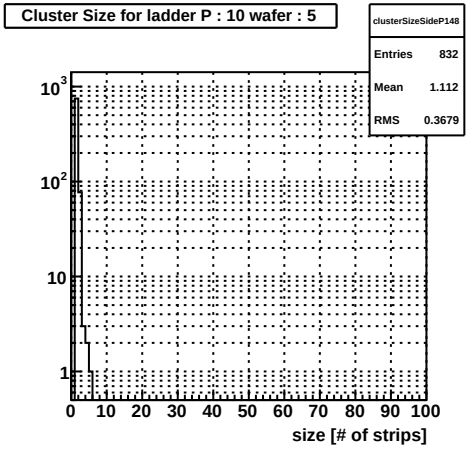

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 592
Mean 1.093
RMS 0.3674
size [# of strips]

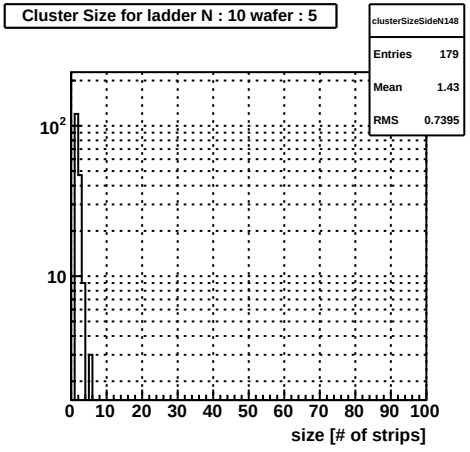

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 288
Mean 1.479
RMS 0.7859
size [# of strips]

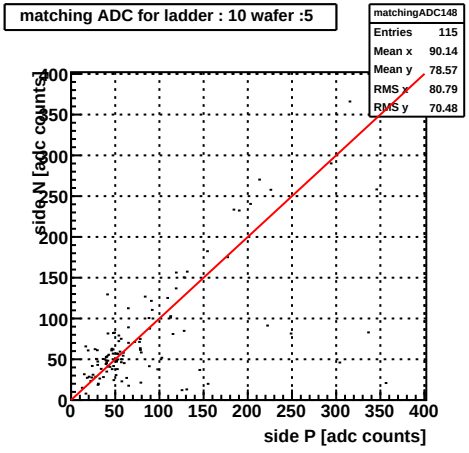

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 20
Mean x 52.89
Mean y 75.63
RMS x 24.21
RMS y 44.61
side N [adc counts]
side P [adc counts]

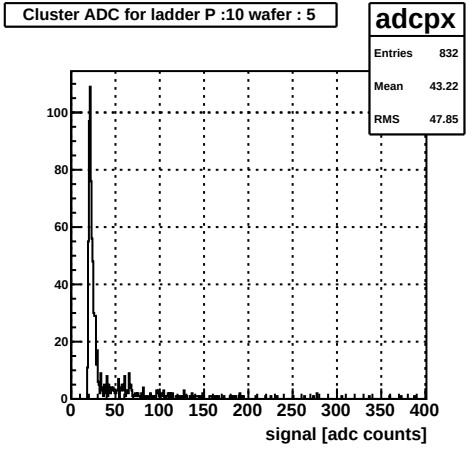

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 592
Mean 32.59
RMS 23.83
signal [adc counts]

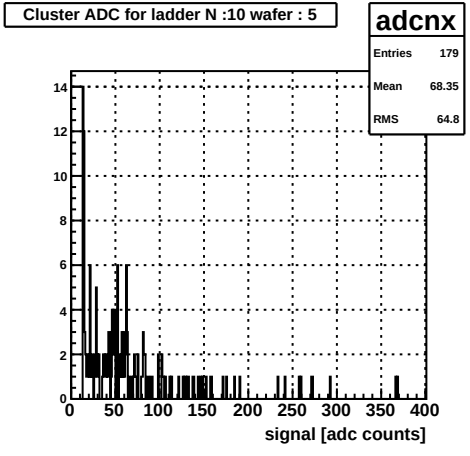

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 288
Mean 72.51
RMS 61.5
signal [adc counts]

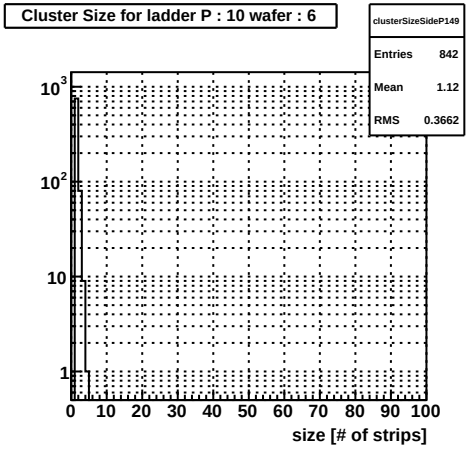

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 832
Mean 1.112
RMS 0.3679
size [# of strips]

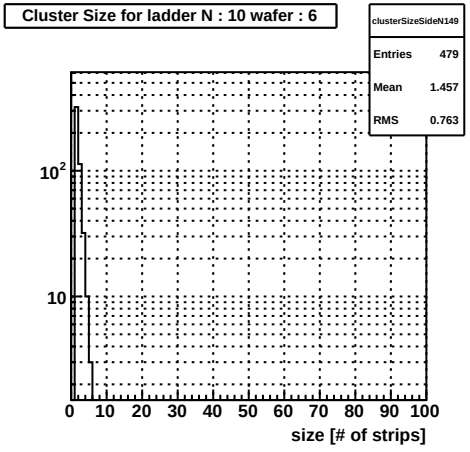

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 179
Mean 1.43
RMS 0.7395
size [# of strips]

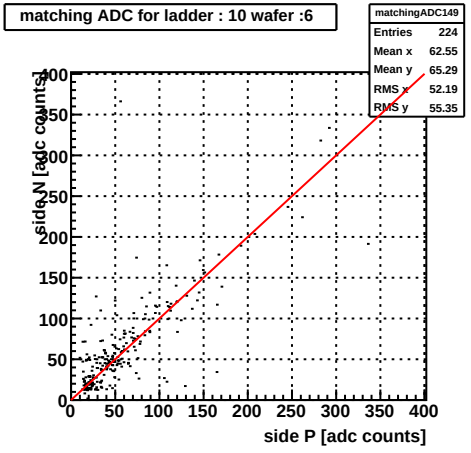

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 115
Mean x 90.14
Mean y 78.57
RMS x 80.79
RMS y 70.48
side N [adc counts]
side P [adc counts]

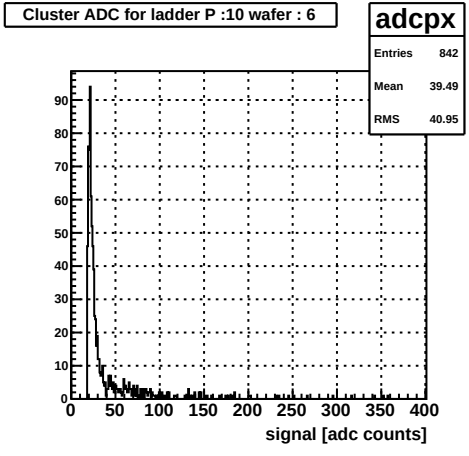

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 832
Mean 43.22
RMS 47.85
signal [adc counts]

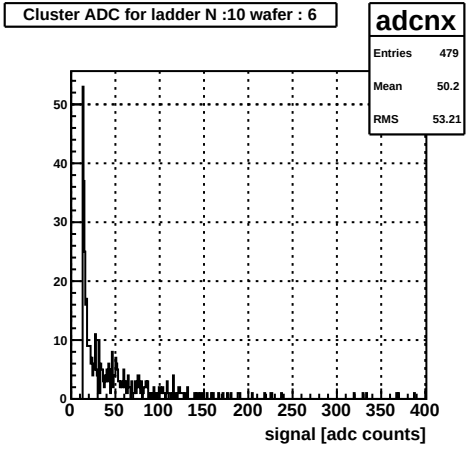

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 179
Mean 68.35
RMS 64.8
signal [adc counts]

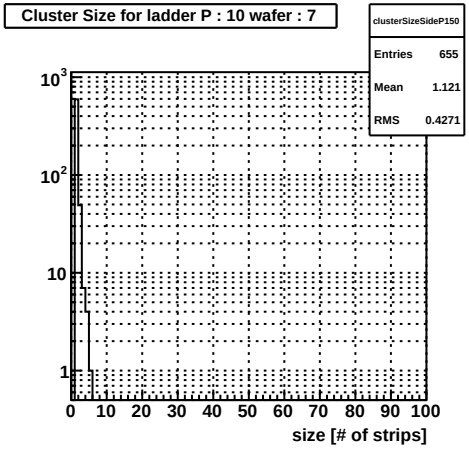

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 842
Mean 1.12
RMS 0.3662
size [# of strips]

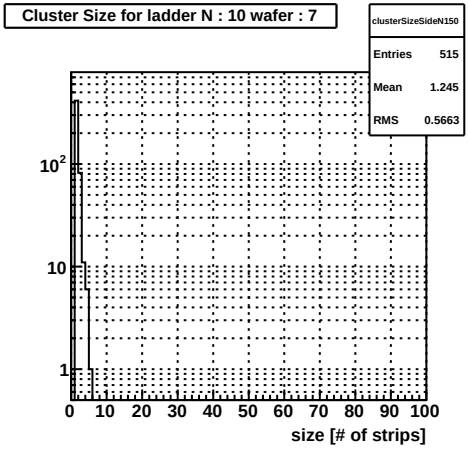

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 479
Mean 1.457
RMS 0.763
size [# of strips]

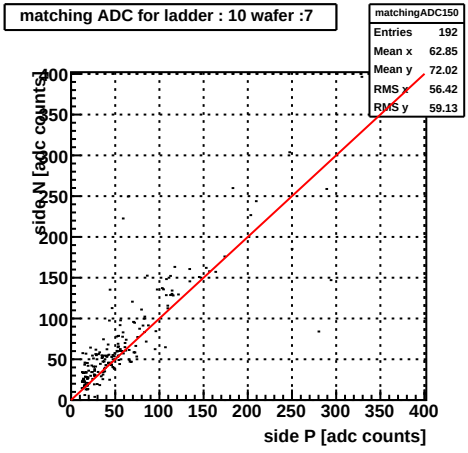

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 224
Mean x 62.55
Mean y 65.29
RMS x 52.19
RMS y 55.35
side N [adc counts]
side P [adc counts]

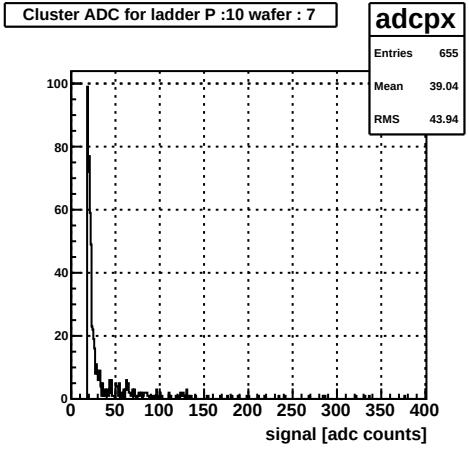

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 842
Mean 39.49
RMS 40.95
signal [adc counts]

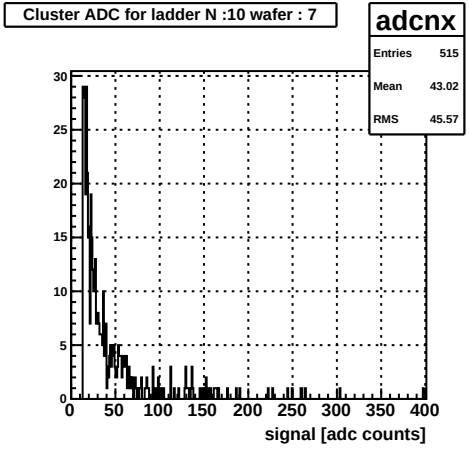

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 479
Mean 50.2
RMS 53.21
signal [adc counts]

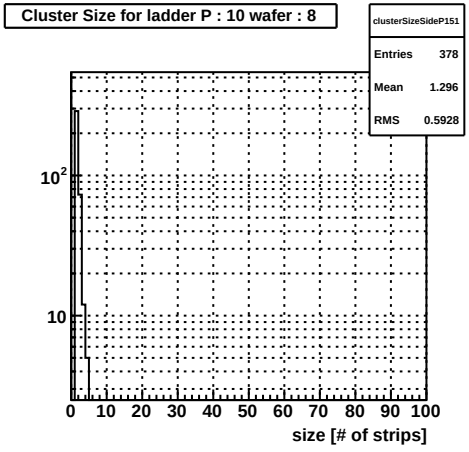

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 655
Mean 1.121
RMS 0.4271
size [# of strips]

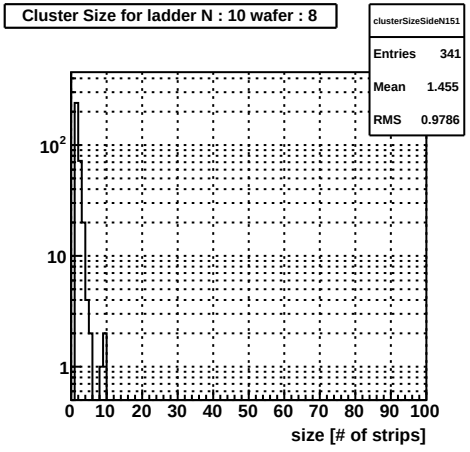

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 515
Mean 1.245
RMS 0.5663
size [# of strips]

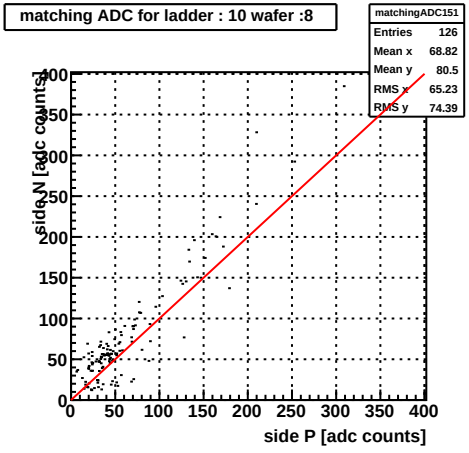

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 192
Mean x 62.85
Mean y 72.02
RMS x 56.42
RMS y 59.13
side N [adc counts]
side P [adc counts]

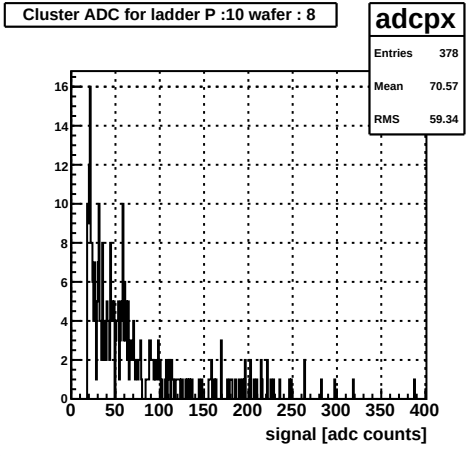

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 655
Mean 39.04
RMS 43.94
signal [adc counts]

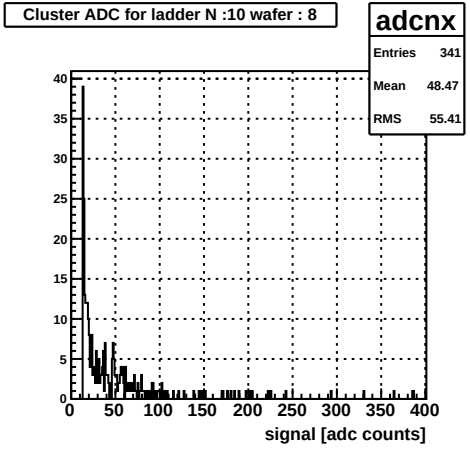

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 515
Mean 43.02
RMS 45.57
signal [adc counts]

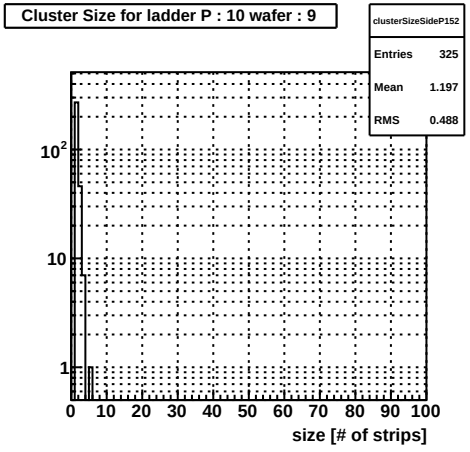

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 378
Mean 1.296
RMS 0.5928
size [# of strips]

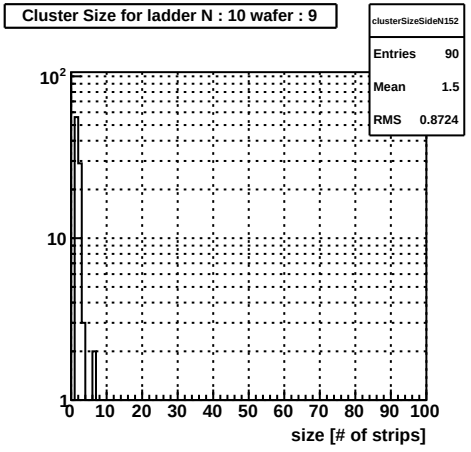

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 341
Mean 1.455
RMS 0.9786
size [# of strips]

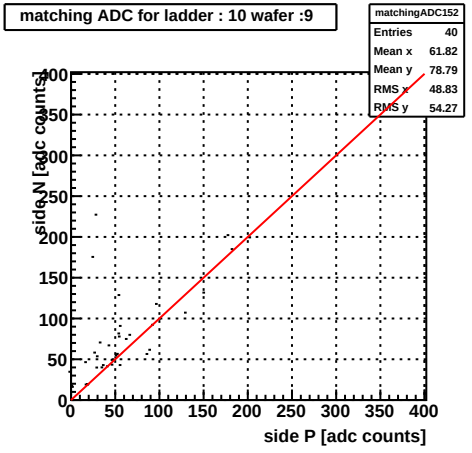

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 126
Mean x 68.82
Mean y 80.5
RMS x 65.23
RMS y 74.39
side N [adc counts]
side P [adc counts]

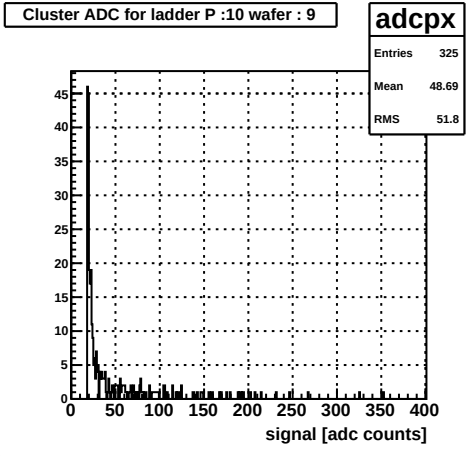

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 378
Mean 70.57
RMS 59.34
signal [adc counts]

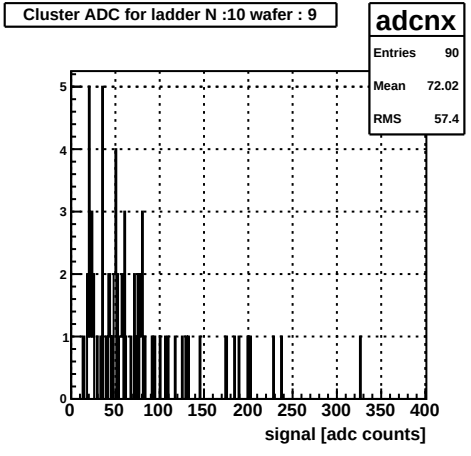

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 341
Mean 48.47
RMS 55.41
signal [adc counts]

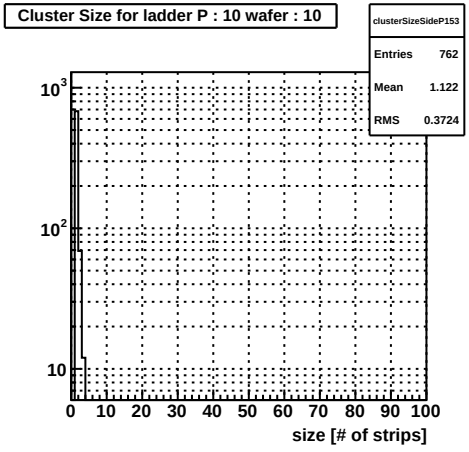

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 325
Mean 1.197
RMS 0.488
size [# of strips]

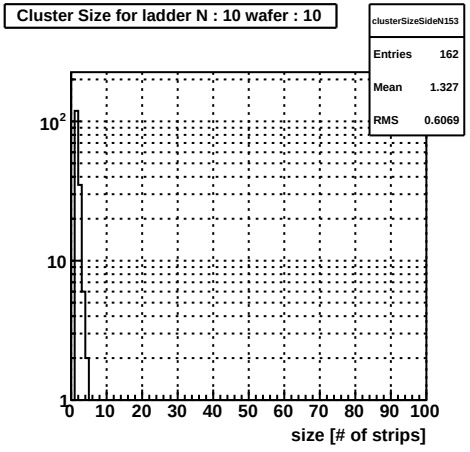

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 90
Mean 1.5
RMS 0.8724
size [# of strips]

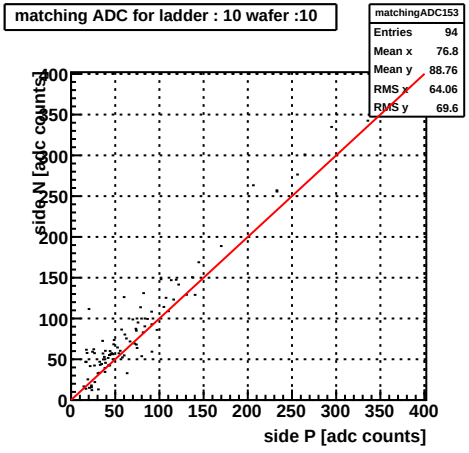

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 40
Mean x 61.82
Mean y 78.79
RMS x 48.83
RMS y 54.27
side N [adc counts]
side P [adc counts]

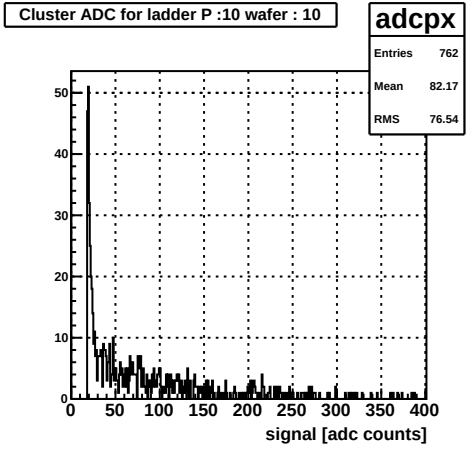

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 325
Mean 48.69
RMS 51.8
signal [adc counts]

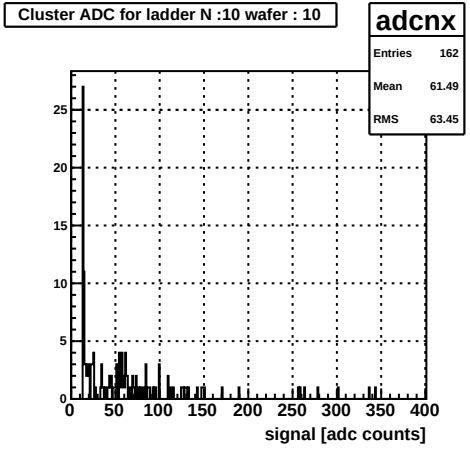

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 90
Mean 72.02
RMS 57.4
signal [adc counts]

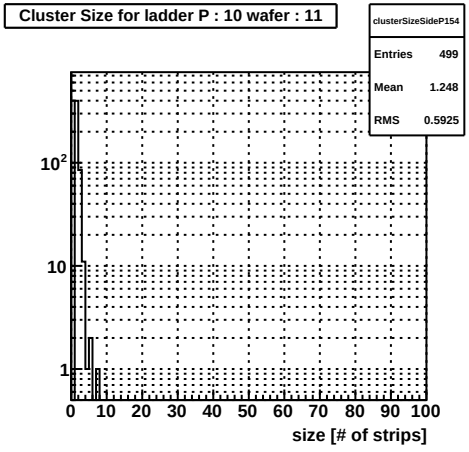

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 762
Mean 1.122
RMS 0.3724
size [# of strips]

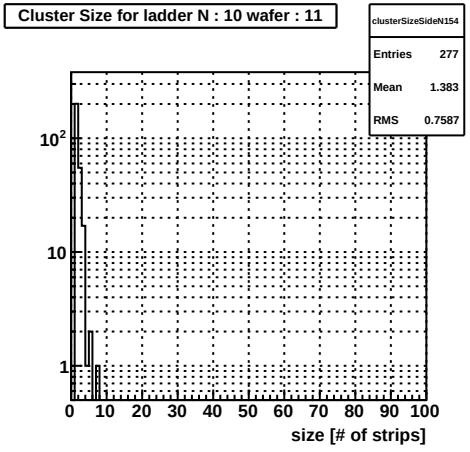

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 162
Mean 1.327
RMS 0.6069
size [# of strips]

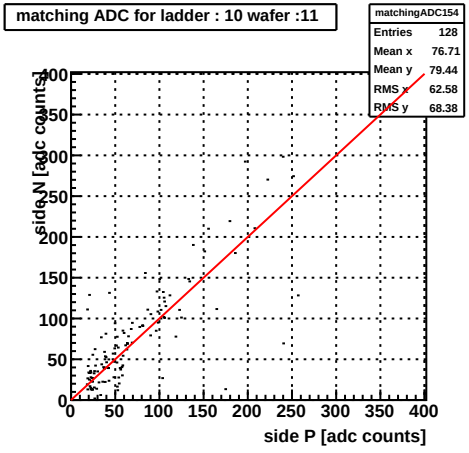

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 94
Mean x 76.8
Mean y 88.76
RMS x 64.06
RMS y 69.6
side N [adc counts]
side P [adc counts]

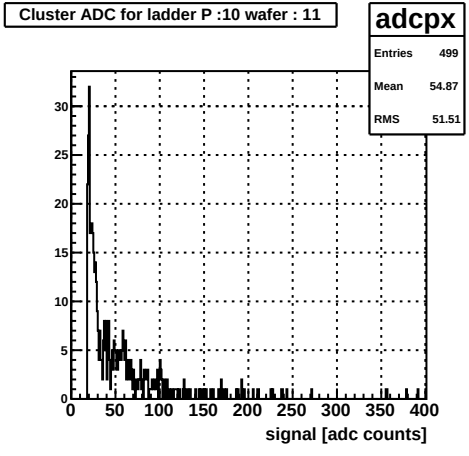

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 762
Mean 82.17
RMS 76.54
signal [adc counts]

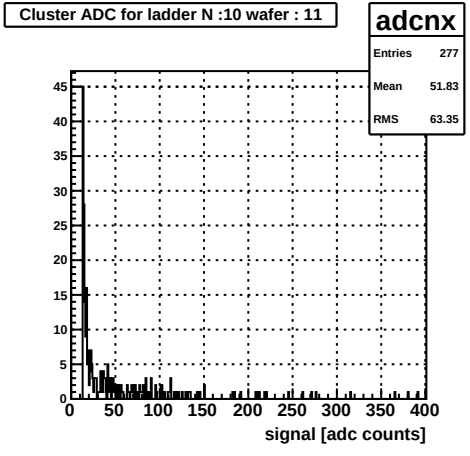

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 162
Mean 61.49
RMS 63.45
signal [adc counts]

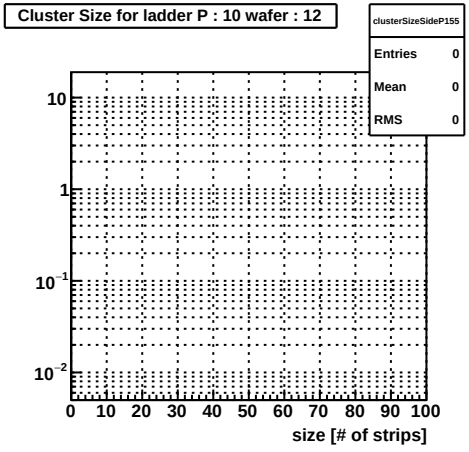

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 499
Mean 1.248
RMS 0.5925
size [# of strips]

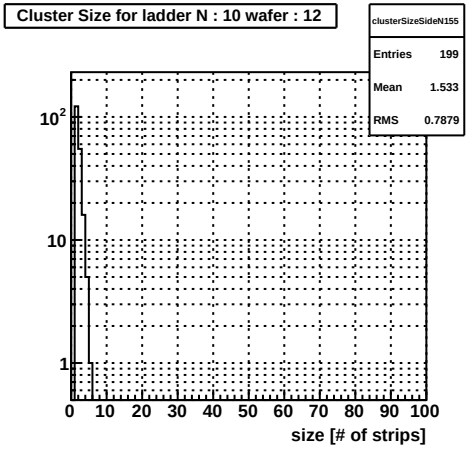

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 277
Mean 1.383
RMS 0.7587
size [# of strips]

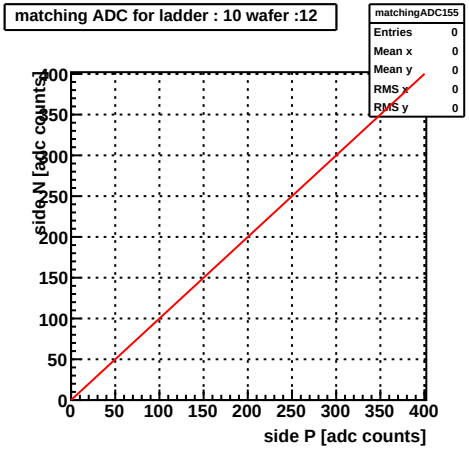

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 128
Mean x 76.71
Mean y 79.44
RMS x 62.58
RMS y 68.38
side N [adc counts]
side P [adc counts]

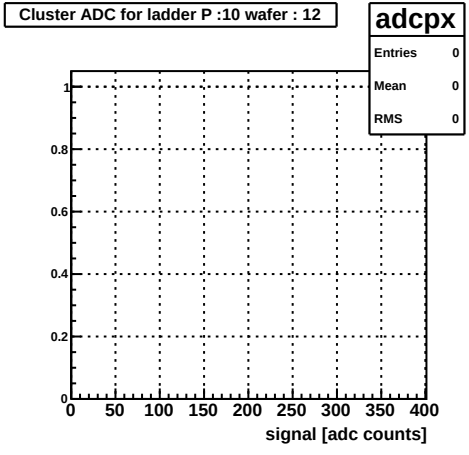

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 499
Mean 54.87
RMS 51.51
signal [adc counts]

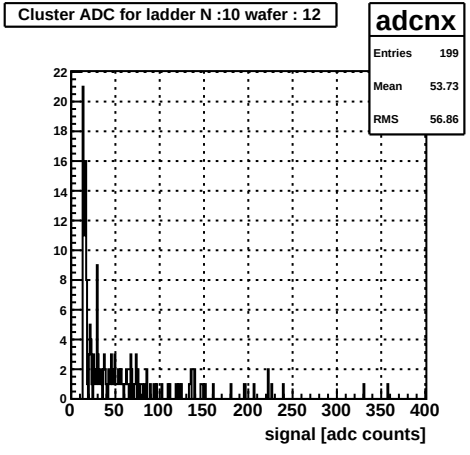

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 277
Mean 51.83
RMS 63.35
signal [adc counts]

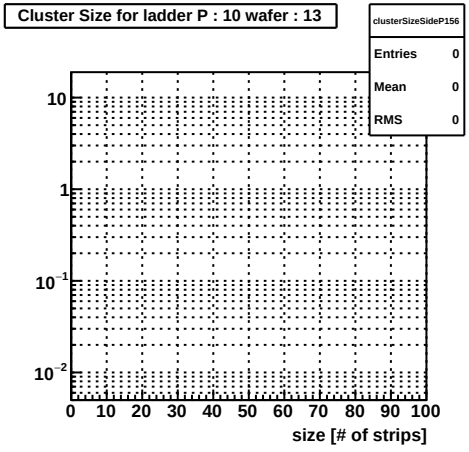

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

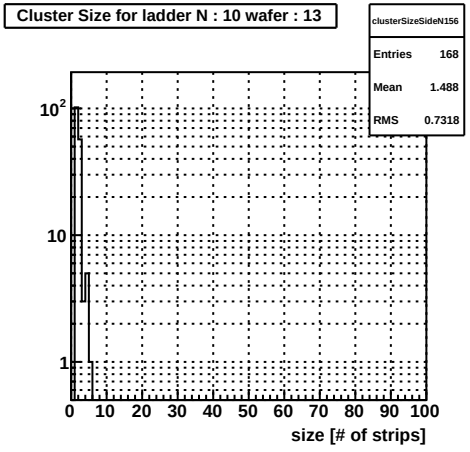

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 199
Mean 1.533
RMS 0.7879
size [# of strips]

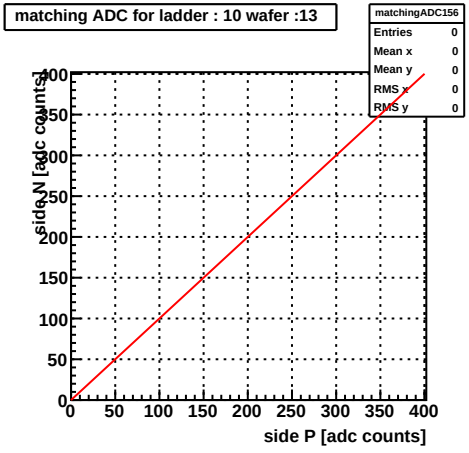

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

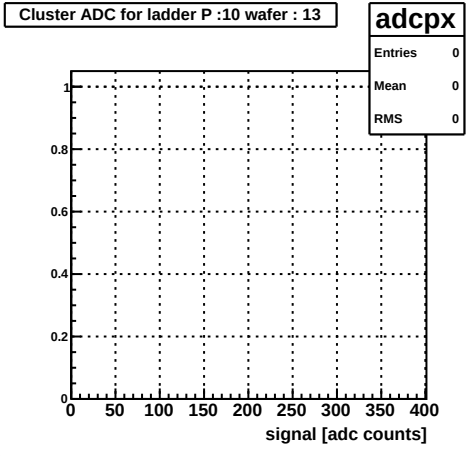

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

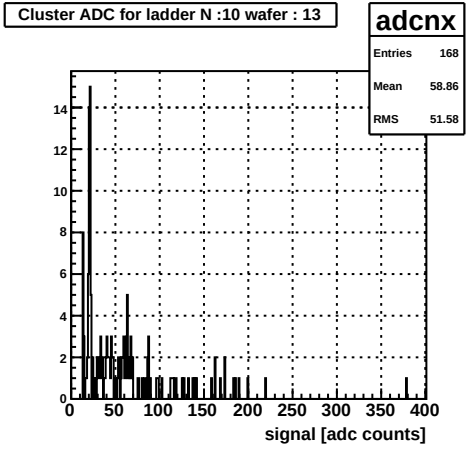

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 199
Mean 53.73
RMS 56.86
signal [adc counts]

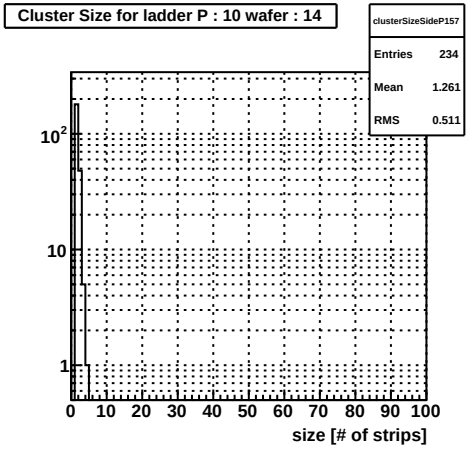

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

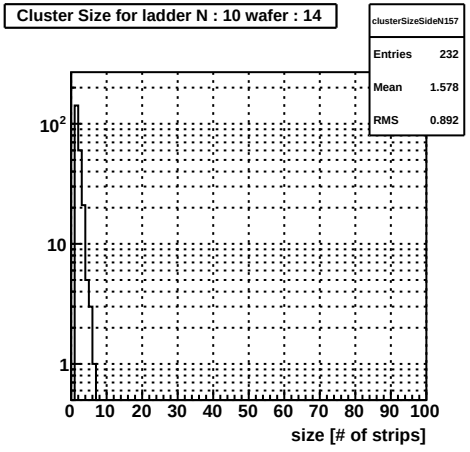

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 168
Mean 1.488
RMS 0.7318
size [# of strips]

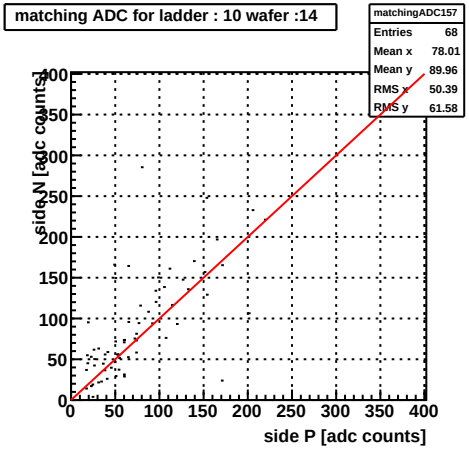

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

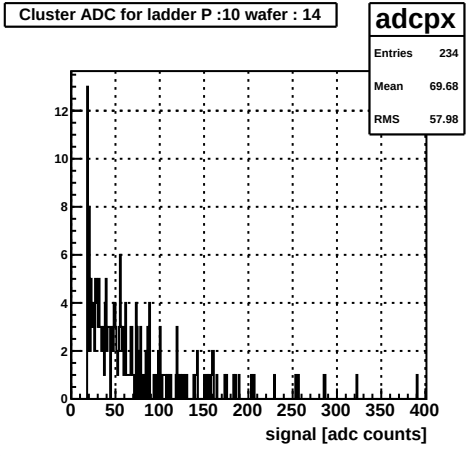

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

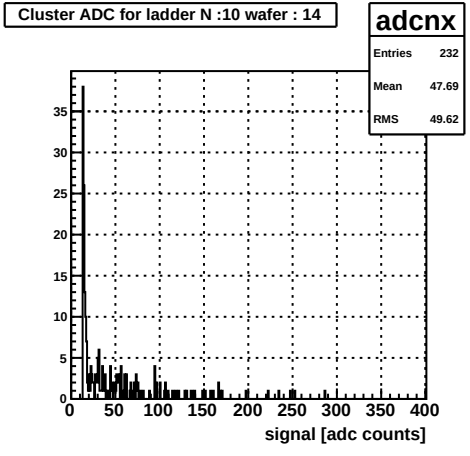

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 168
Mean 58.86
RMS 51.58
signal [adc counts]

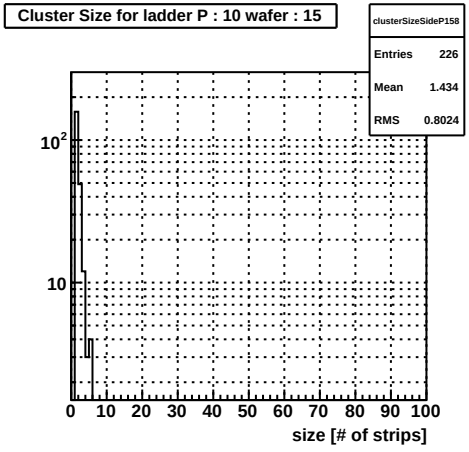

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 234
Mean 1.261
RMS 0.511
size [# of strips]

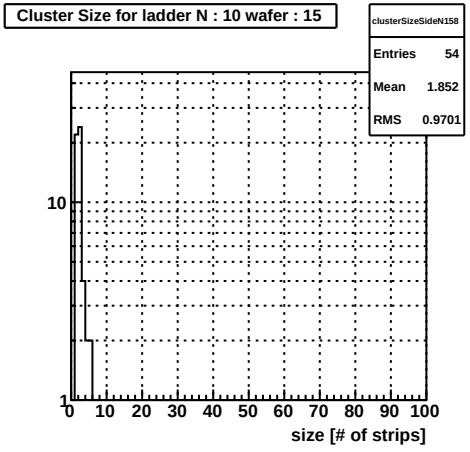

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 232
Mean 1.578
RMS 0.892
size [# of strips]

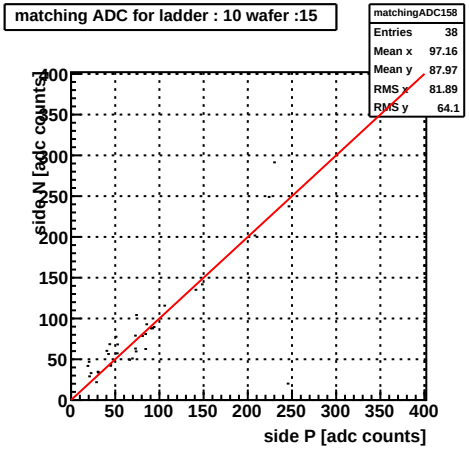

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 68
Mean x 78.01
Mean y 89.96
RMS x 50.39
RMS y 61.58
side N [adc counts]
side P [adc counts]

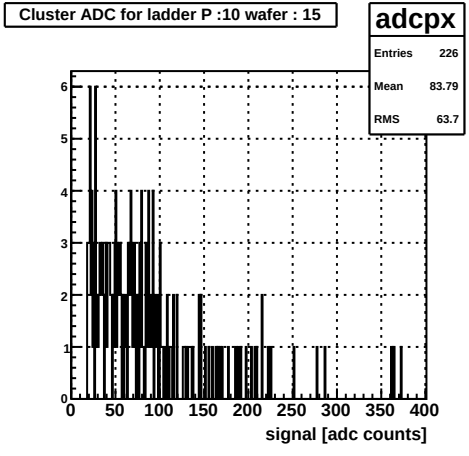

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 234
Mean 69.68
RMS 57.98
signal [adc counts]

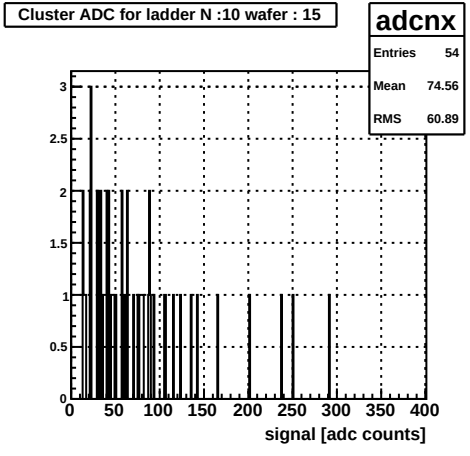

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 232
Mean 47.69
RMS 49.62
signal [adc counts]

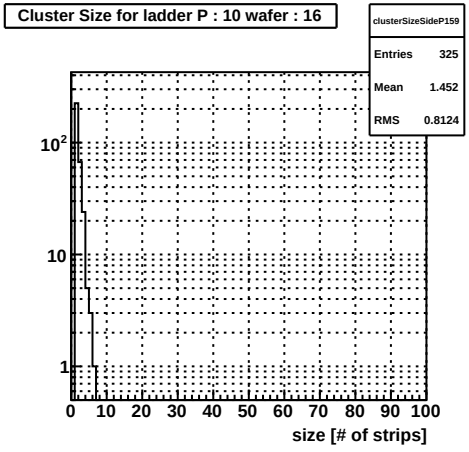

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 226
Mean 1.434
RMS 0.8024
size [# of strips]

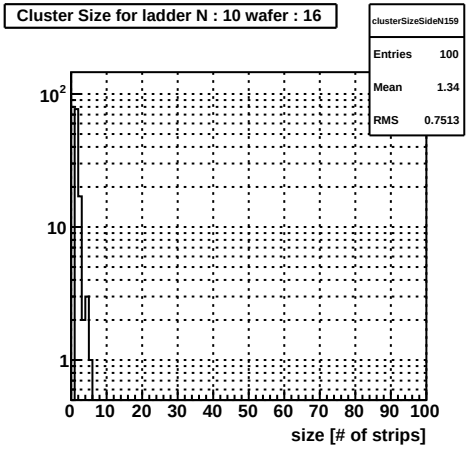

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 54
Mean 1.852
RMS 0.9701
size [# of strips]

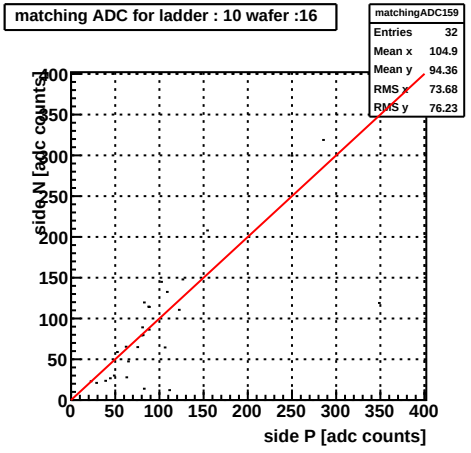

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 38
Mean x 97.16
Mean y 87.97
RMS x 81.89
RMS y 64.1
side N [adc counts]
side P [adc counts]

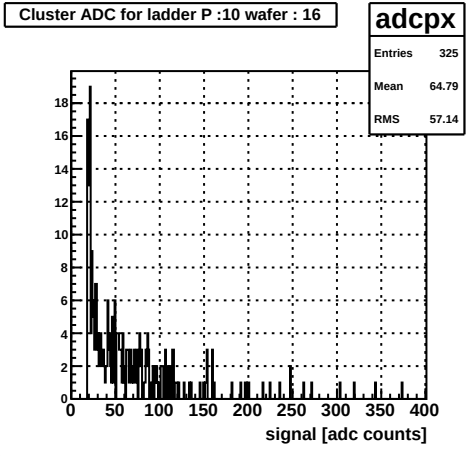

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 226
Mean 83.79
RMS 63.7
signal [adc counts]

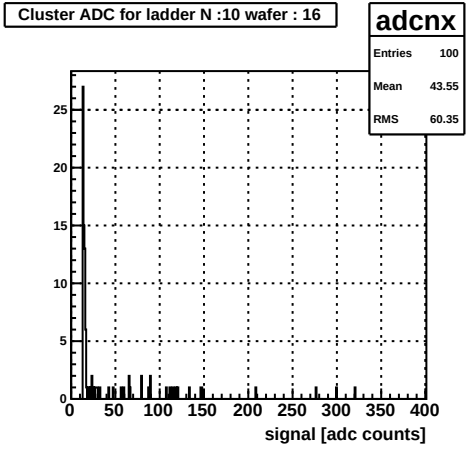

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 54
Mean 74.56
RMS 60.89
signal [adc counts]

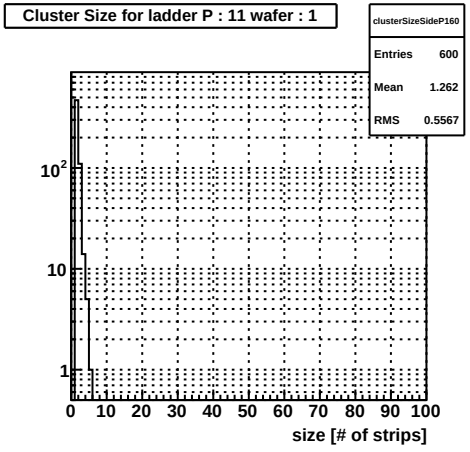

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 325
Mean 1.452
RMS 0.8124
size [# of strips]

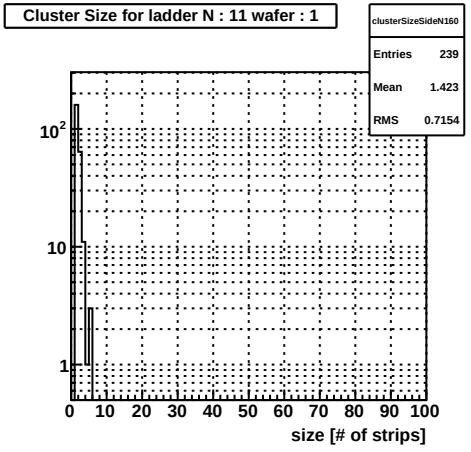

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 100
Mean 1.34
RMS 0.7513
size [# of strips]

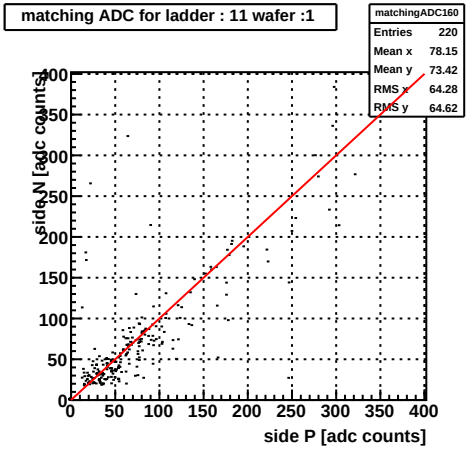

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 32
Mean x 104.9
Mean y 94.36
RMS x 73.68
RMS y 76.23
side N [adc counts]
side P [adc counts]

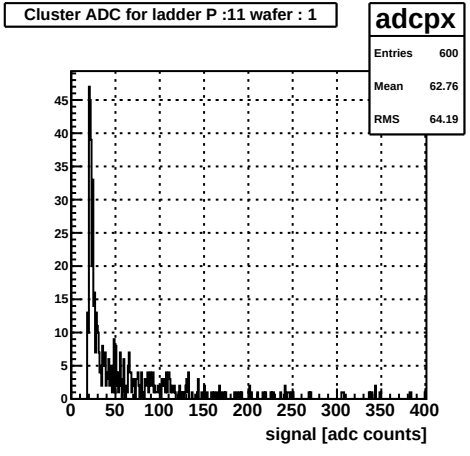

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 325
Mean 64.79
RMS 57.14
signal [adc counts]

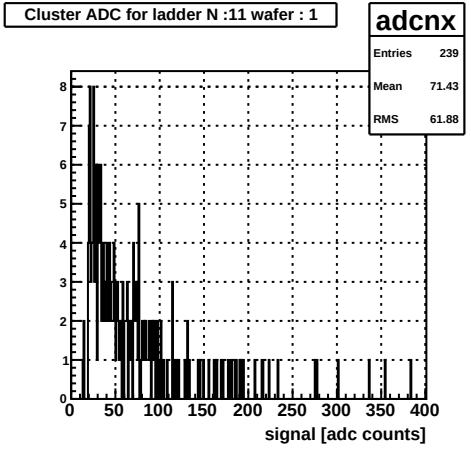

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 100
Mean 43.55
RMS 60.35
signal [adc counts]

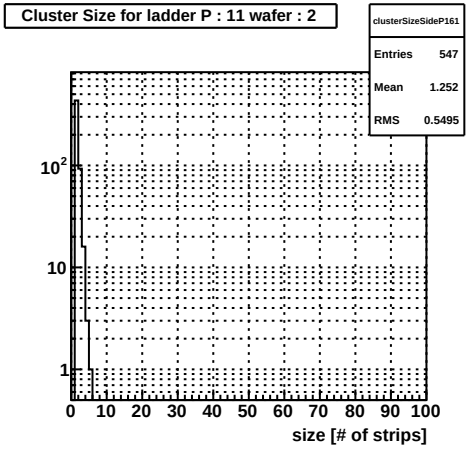

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 600
Mean 1.262
RMS 0.5567
size [# of strips]

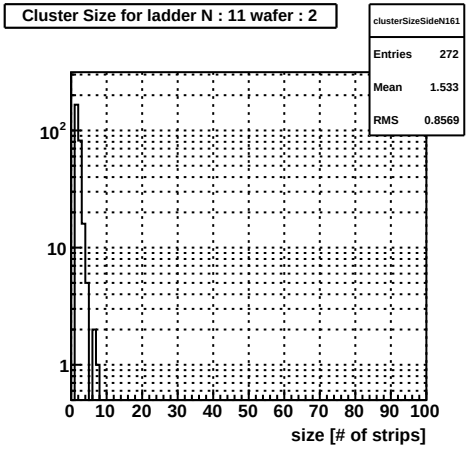

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 239
Mean 1.423
RMS 0.7154
size [# of strips]

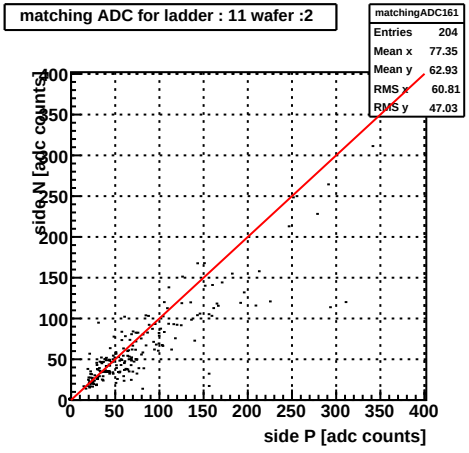

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 220
Mean x 78.15
Mean y 73.42
RMS x 64.28
RMS y 64.62
side N [adc counts]
side P [adc counts]

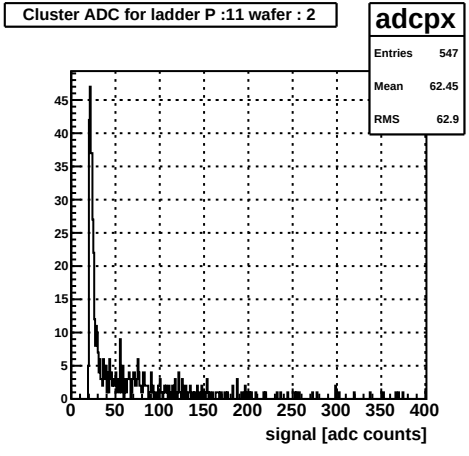

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 600
Mean 62.76
RMS 64.19
signal [adc counts]

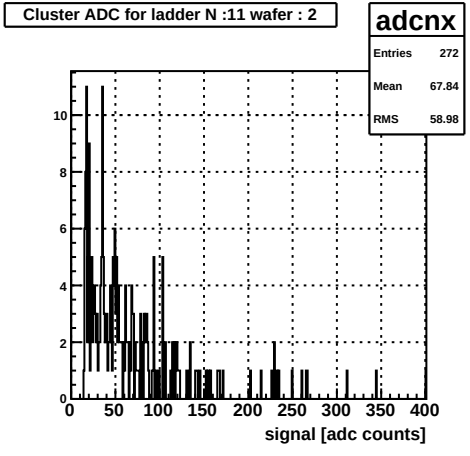

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 239
Mean 71.43
RMS 61.88
signal [adc counts]

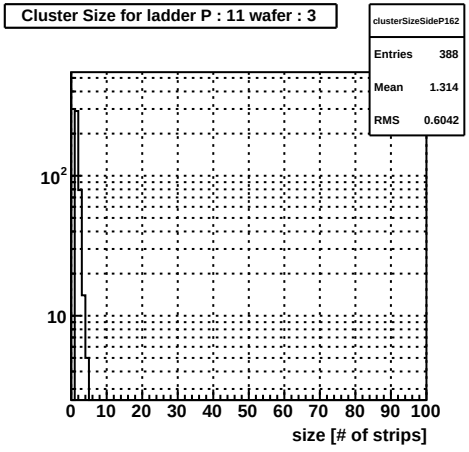

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 547
Mean 1.252
RMS 0.5495
size [# of strips]

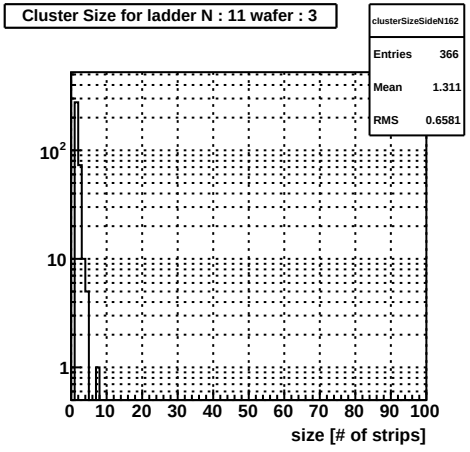

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 272
Mean 1.533
RMS 0.8569
size [# of strips]

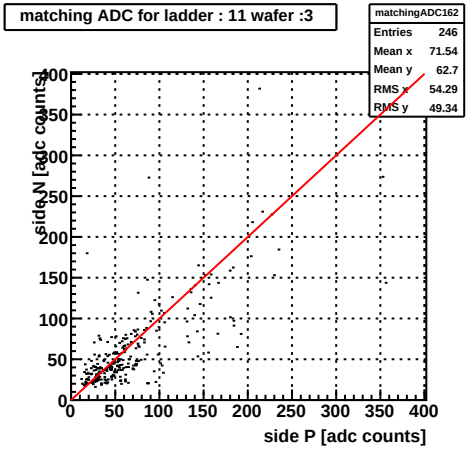

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 204
Mean x 77.35
Mean y 62.93
RMS x 60.81
RMS y 47.03
side N [adc counts]
side P [adc counts]

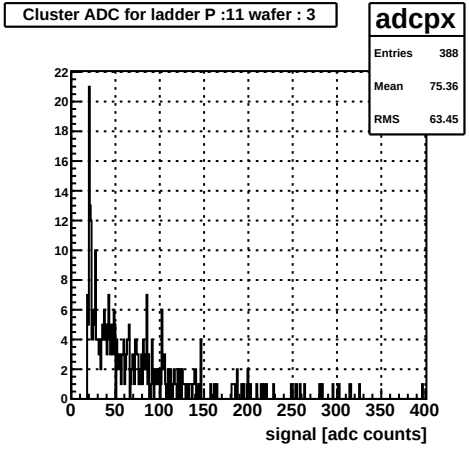

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 547
Mean 62.45
RMS 62.9
signal [adc counts]

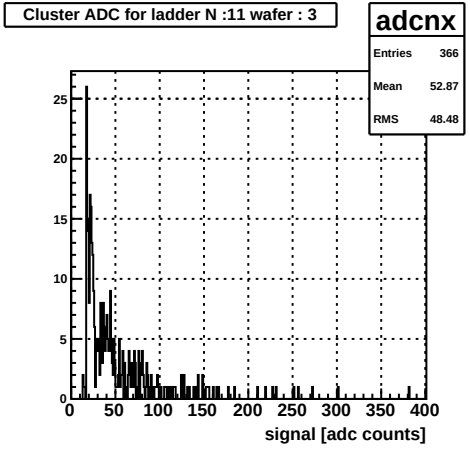

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 272
Mean 67.84
RMS 58.98
signal [adc counts]

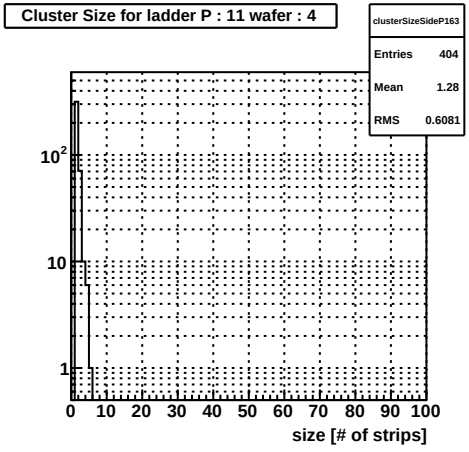

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 388
Mean 1.314
RMS 0.6042
size [# of strips]

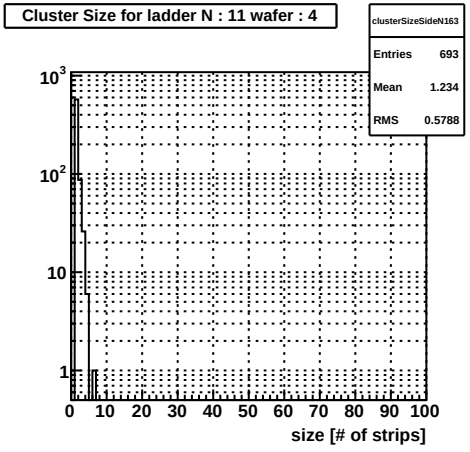

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 366
Mean 1.311
RMS 0.6581
size [# of strips]

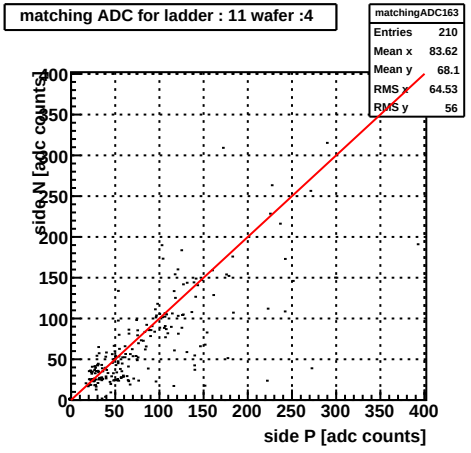

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 246
Mean x 71.54
Mean y 62.7
RMS x 54.29
RMS y 49.34
side N [adc counts]
side P [adc counts]

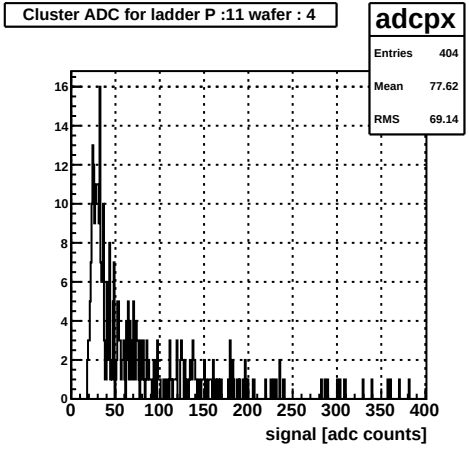

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 388
Mean 75.36
RMS 63.45
signal [adc counts]

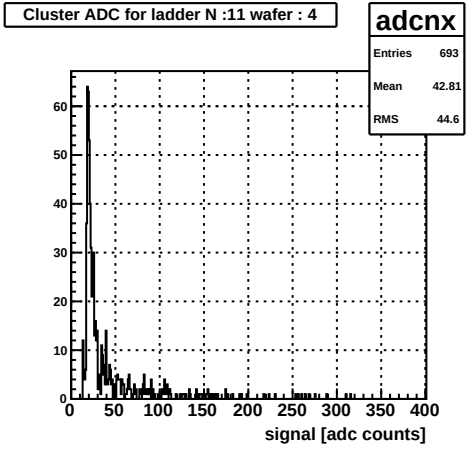

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 366
Mean 52.87
RMS 48.48
signal [adc counts]

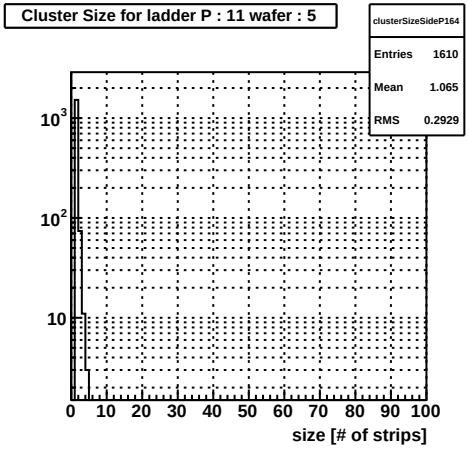

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 404
Mean 1.28
RMS 0.6081
size [# of strips]

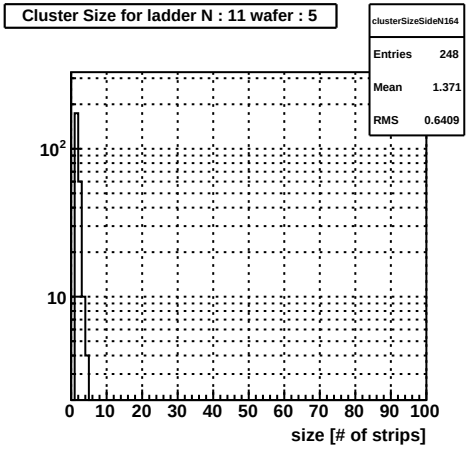

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 693
Mean 1.234
RMS 0.5788
size [# of strips]

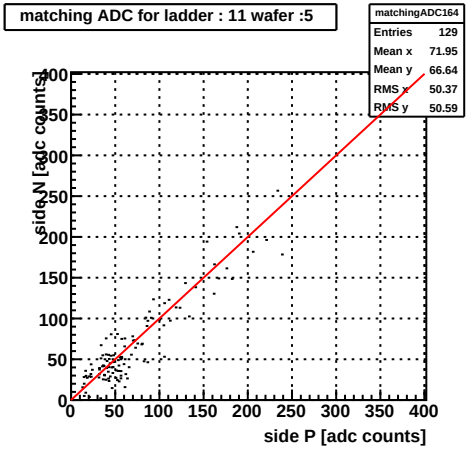

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 210
Mean x 83.62
Mean y 68.1
RMS x 64.53
RMS y 56
side N [adc counts]
side P [adc counts]

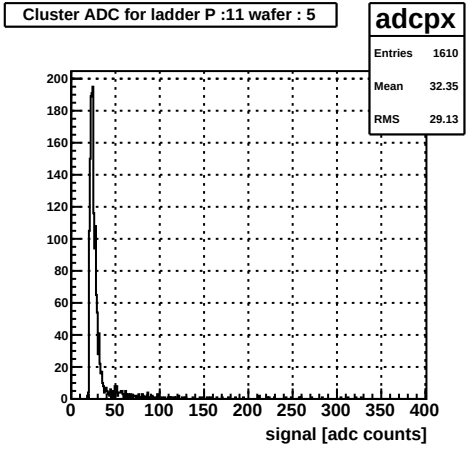

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 404
Mean 77.62
RMS 69.14
signal [adc counts]

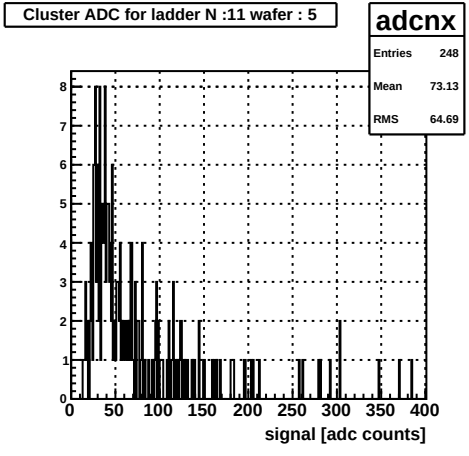

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 693
Mean 42.81
RMS 44.6
signal [adc counts]

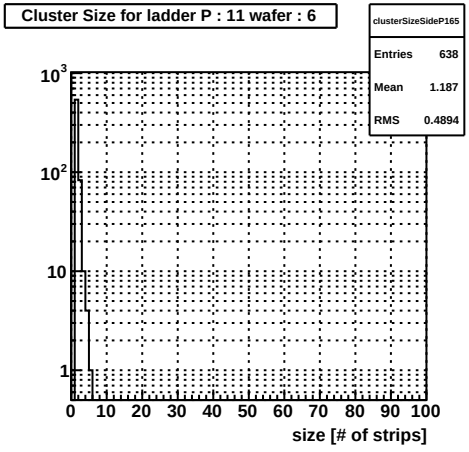

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 1610
Mean 1.065
RMS 0.2929
size [# of strips]

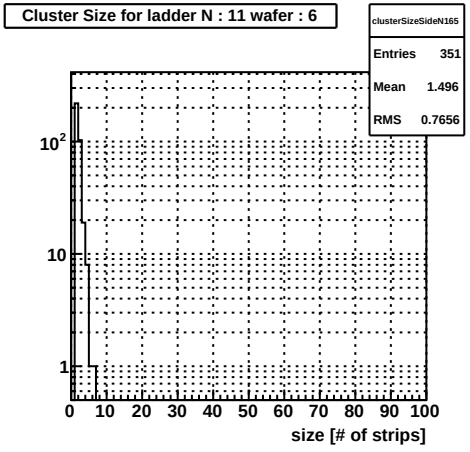

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 248
Mean 1.371
RMS 0.6409
size [# of strips]

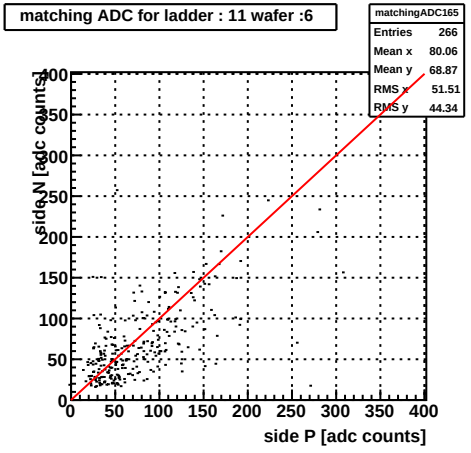

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 129
Mean x 71.95
Mean y 66.64
RMS x 50.37
RMS y 50.59
side N [adc counts]
side P [adc counts]

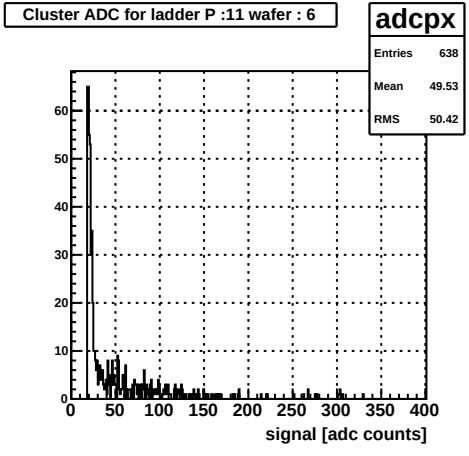

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 1610
Mean 32.35
RMS 29.13
signal [adc counts]

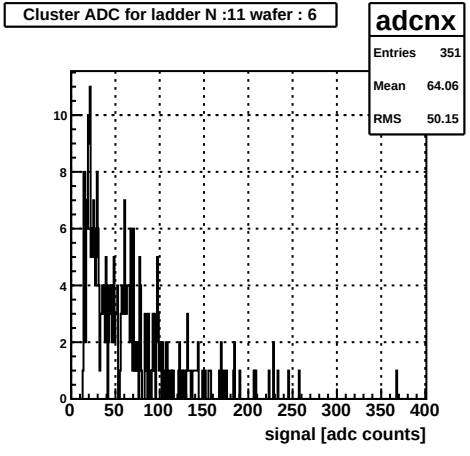

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 248
Mean 73.13
RMS 64.69
signal [adc counts]

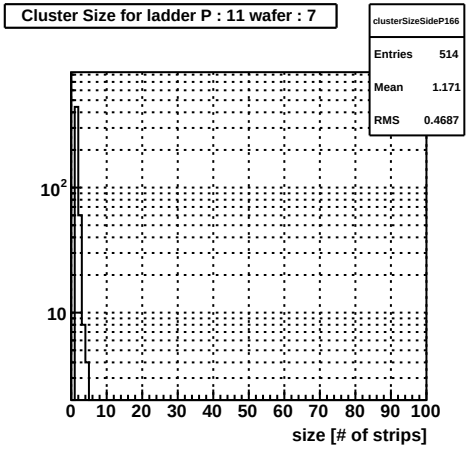

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 638
Mean 1.187
RMS 0.4894
size [# of strips]

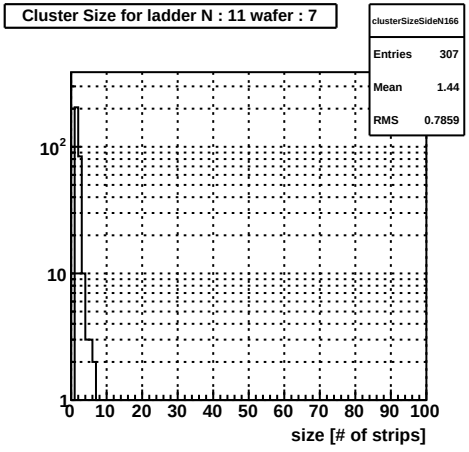

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 351
Mean 1.496
RMS 0.7656
size [# of strips]

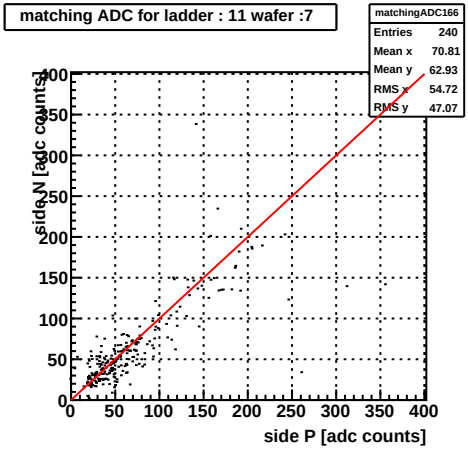

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 266
Mean x 80.06
Mean y 68.87
RMS x 51.51
RMS y 44.34
side N [adc counts]
side P [adc counts]

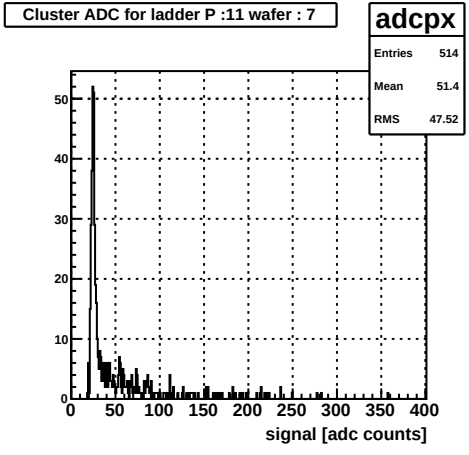

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 638
Mean 49.53
RMS 50.42
signal [adc counts]

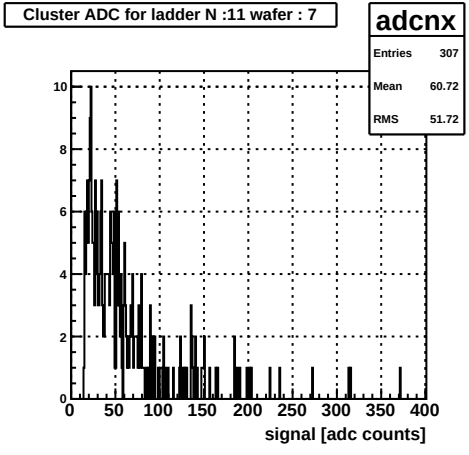

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 351
Mean 64.06
RMS 50.15
signal [adc counts]

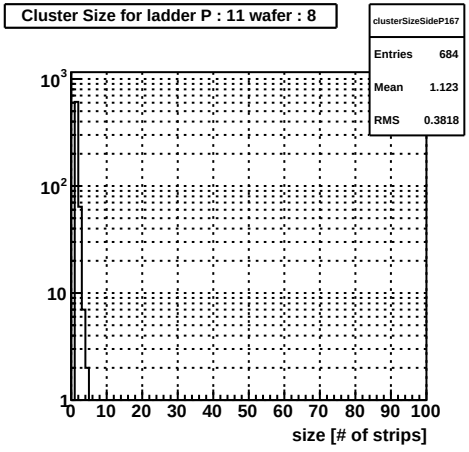

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 514
Mean 1.171
RMS 0.4687
size [# of strips]

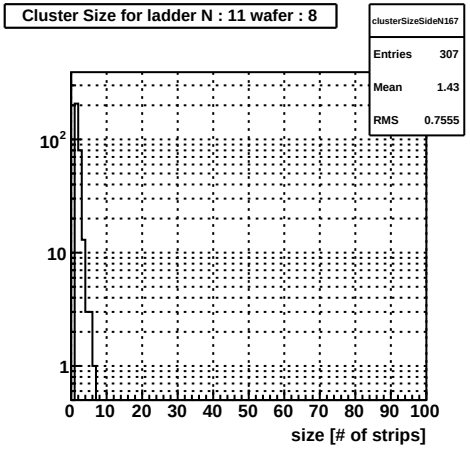

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 307
Mean 1.44
RMS 0.7859
size [# of strips]

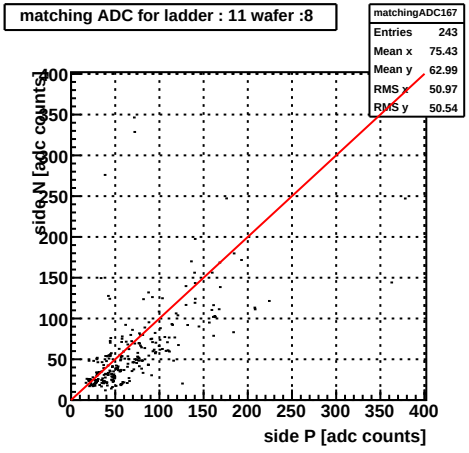

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 240
Mean x 70.81
Mean y 62.93
RMS x 54.72
RMS y 47.07
side N [adc counts]
side P [adc counts]

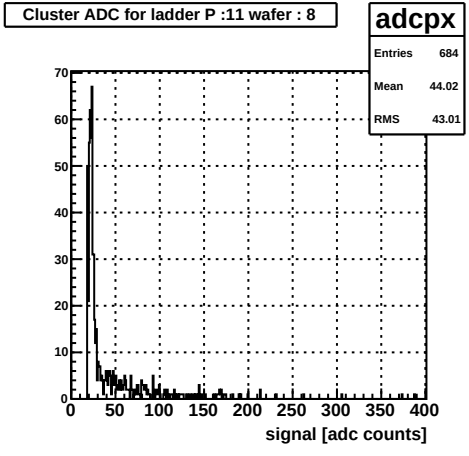

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 514
Mean 51.4
RMS 47.52
signal [adc counts]

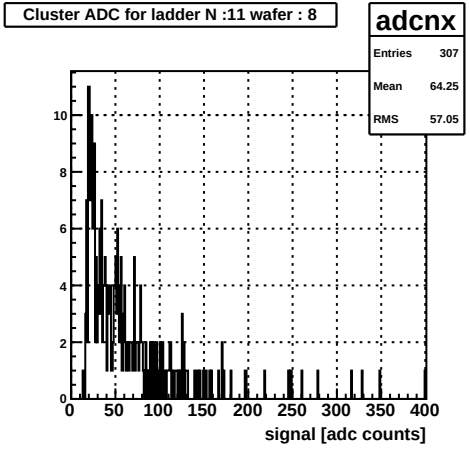

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 307
Mean 60.72
RMS 51.72
signal [adc counts]

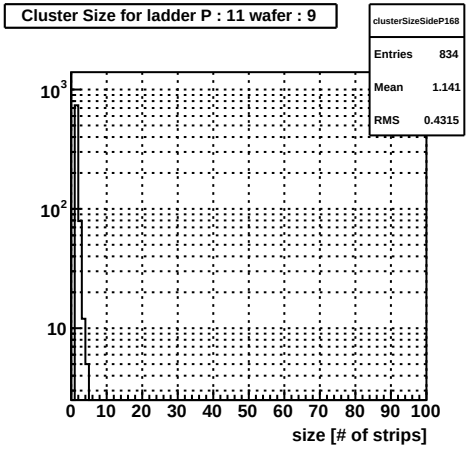

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 684
Mean 1.123
RMS 0.3818
size [# of strips]

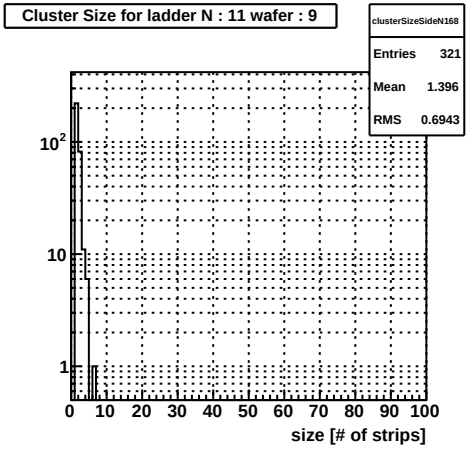

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 307
Mean 1.43
RMS 0.7555
size [# of strips]

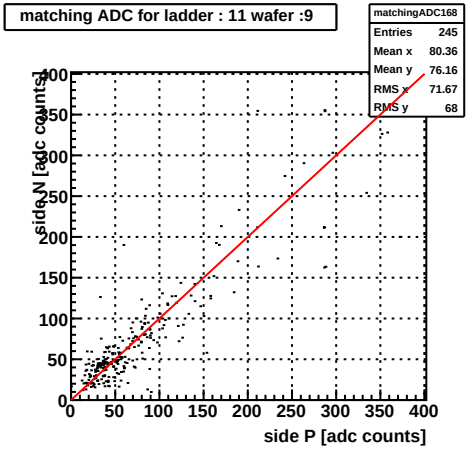

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 243
Mean x 75.43
Mean y 62.99
RMS x 50.97
RMS y 50.54
side N [adc counts]
side P [adc counts]

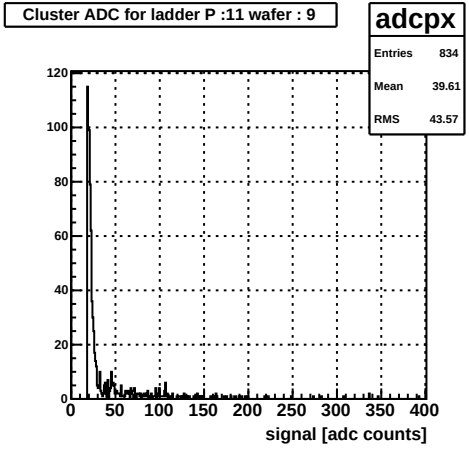

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 684
Mean 44.02
RMS 43.01
signal [adc counts]

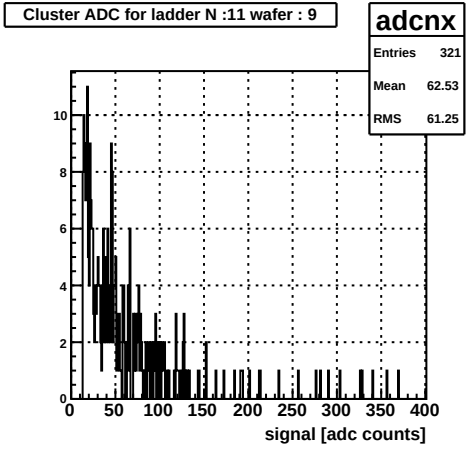

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 307
Mean 64.25
RMS 57.05
signal [adc counts]

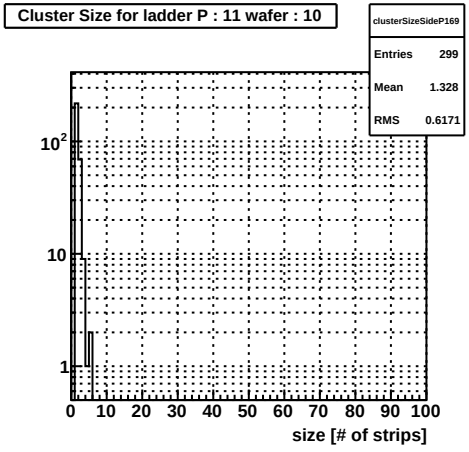

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 834
Mean 1.141
RMS 0.4315
size [# of strips]

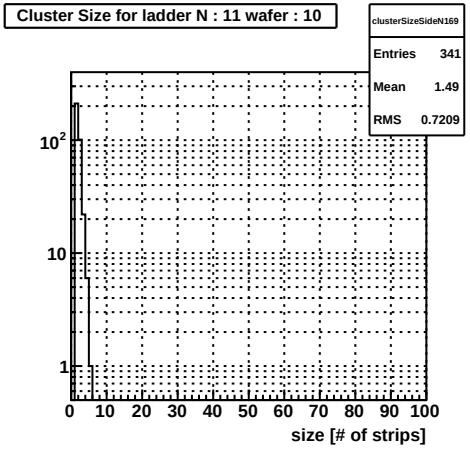

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 321
Mean 1.396
RMS 0.6943
size [# of strips]

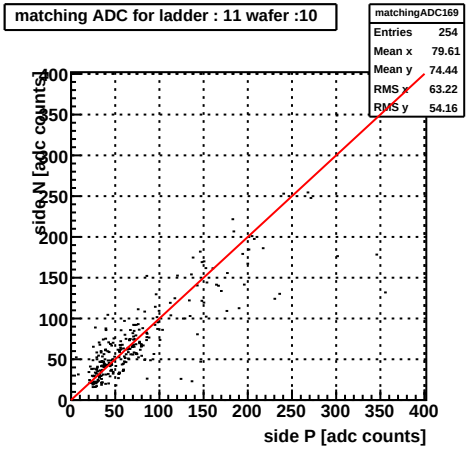

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 245
Mean x 80.36
Mean y 76.16
RMS x 71.67
RMS y 68
side N [adc counts]
side P [adc counts]

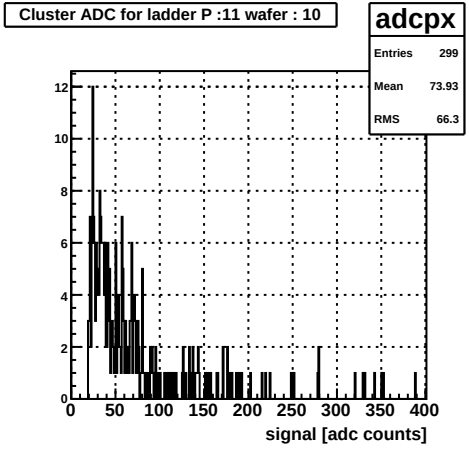

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 834
Mean 39.61
RMS 43.57
signal [adc counts]

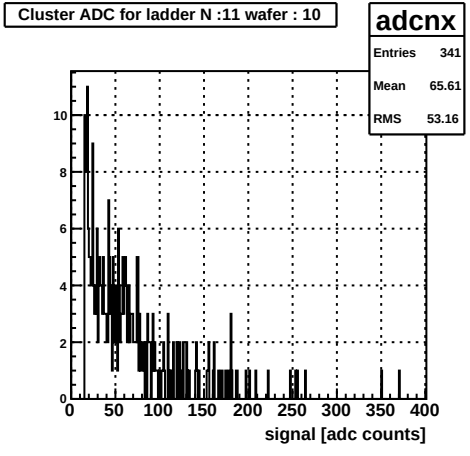

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 321
Mean 62.53
RMS 61.25
signal [adc counts]

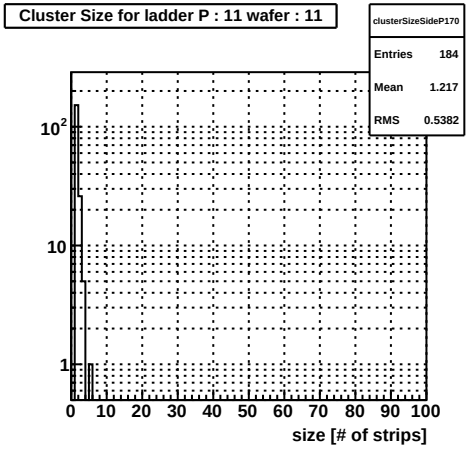

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 299
Mean 1.328
RMS 0.6171
size [# of strips]

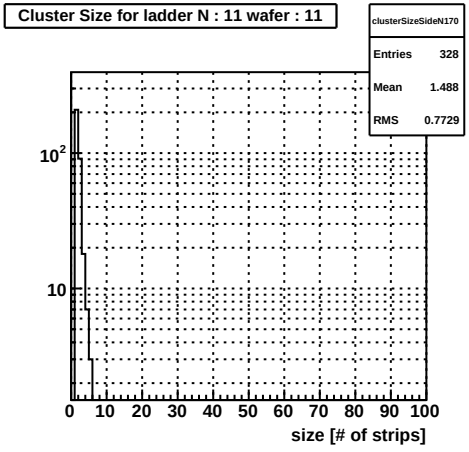

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 341
Mean 1.49
RMS 0.7209
size [# of strips]

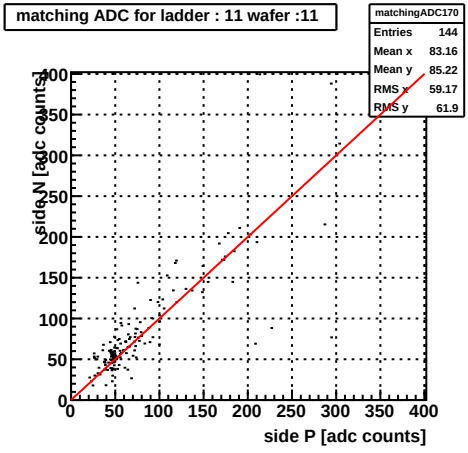

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 254
Mean x 79.61
Mean y 74.44
RMS x 63.22
RMS y 54.16
side N [adc counts]
side P [adc counts]

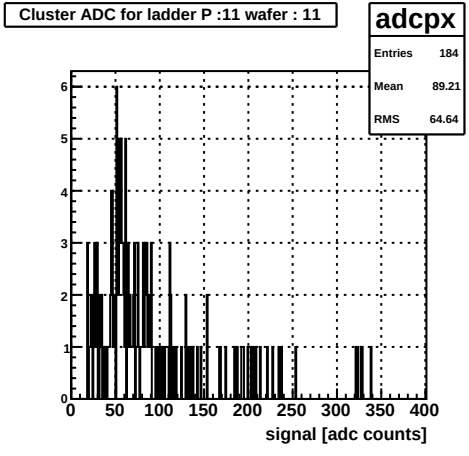

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 299
Mean 73.93
RMS 66.3
signal [adc counts]

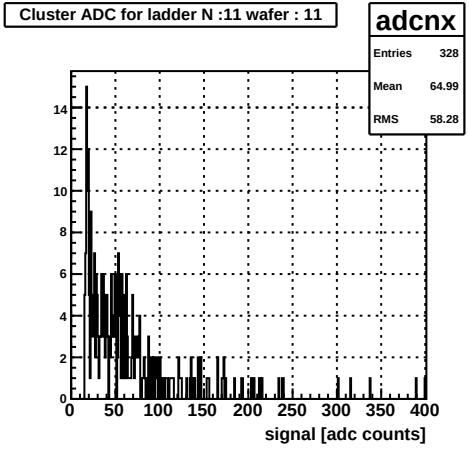

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 341
Mean 65.61
RMS 53.16
signal [adc counts]

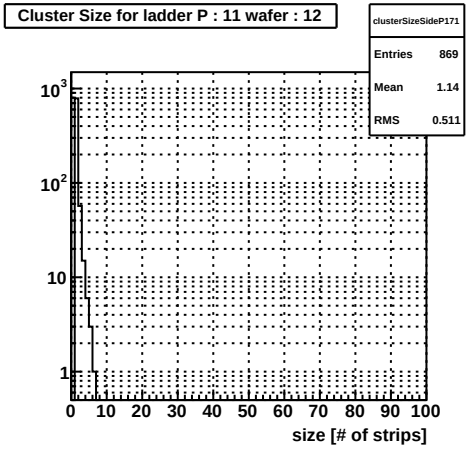

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 184
Mean 1.217
RMS 0.5382
size [# of strips]

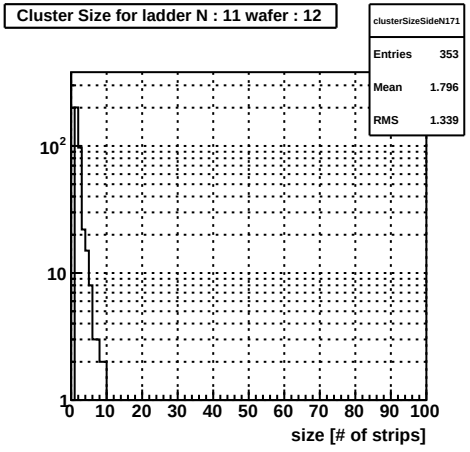

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 328
Mean 1.488
RMS 0.7729
size [# of strips]

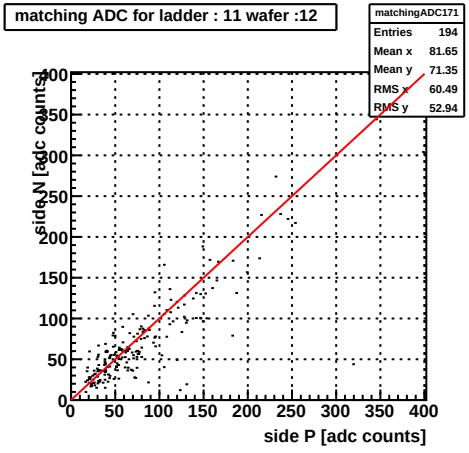

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 144
Mean x 83.16
Mean y 85.22
RMS x 59.17
RMS y 61.9
side N [adc counts]
side P [adc counts]

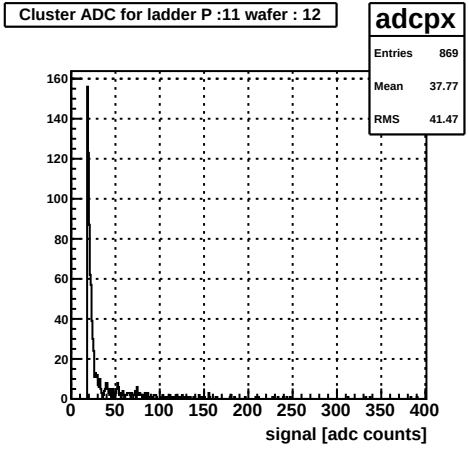

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 184
Mean 89.21
RMS 64.64
signal [adc counts]

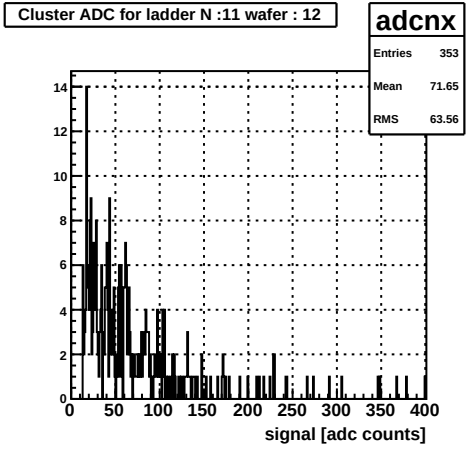

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 328
Mean 64.99
RMS 58.28
signal [adc counts]

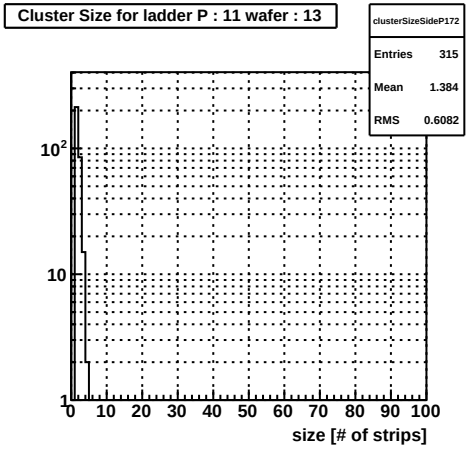

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 869
Mean 1.14
RMS 0.511
size [# of strips]

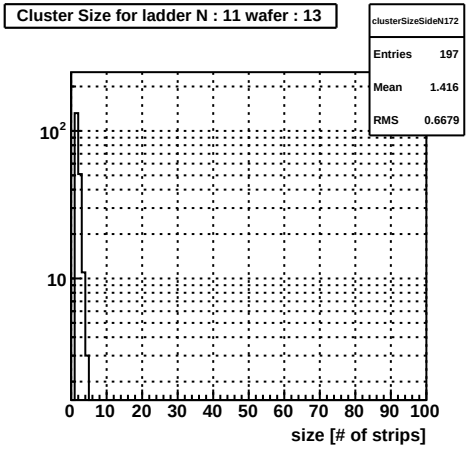

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 353
Mean 1.796
RMS 1.339
size [# of strips]

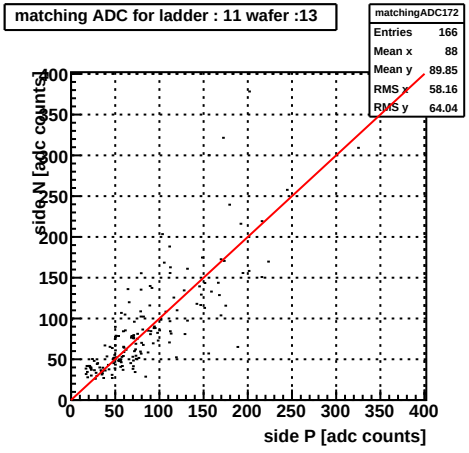

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 194
Mean x 81.65
Mean y 71.35
RMS x 60.49
RMS y 52.94
side N [adc counts]
side P [adc counts]

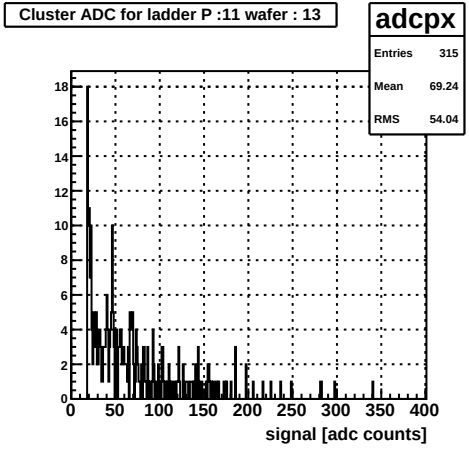

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 869
Mean 37.77
RMS 41.47
signal [adc counts]

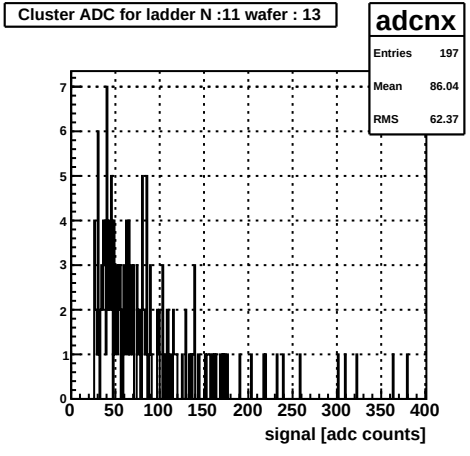

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 353
Mean 71.65
RMS 63.56
signal [adc counts]

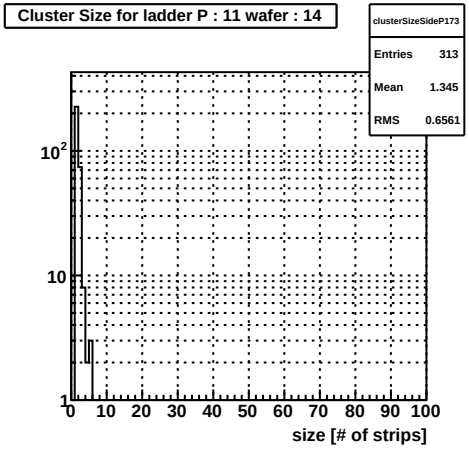

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 315
Mean 1.384
RMS 0.6082
size [# of strips]

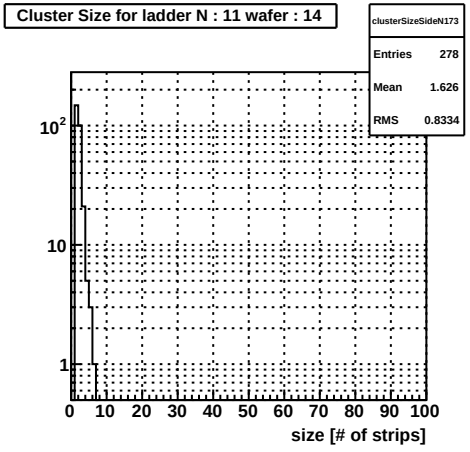

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 197
Mean 1.416
RMS 0.6679
size [# of strips]

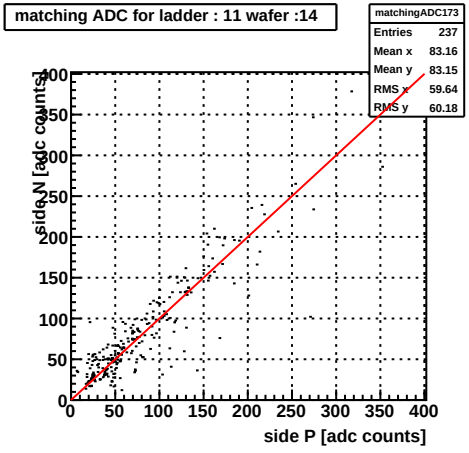

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 166
Mean x 88
Mean y 89.85
RMS x 58.16
RMS y 64.04
side N [adc counts]
side P [adc counts]

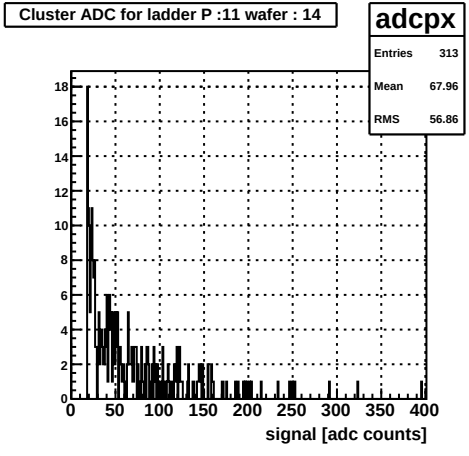

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 315
Mean 69.24
RMS 54.04
signal [adc counts]

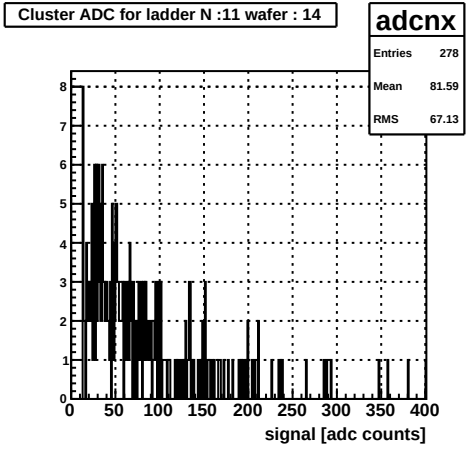

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 197
Mean 86.04
RMS 62.37
signal [adc counts]

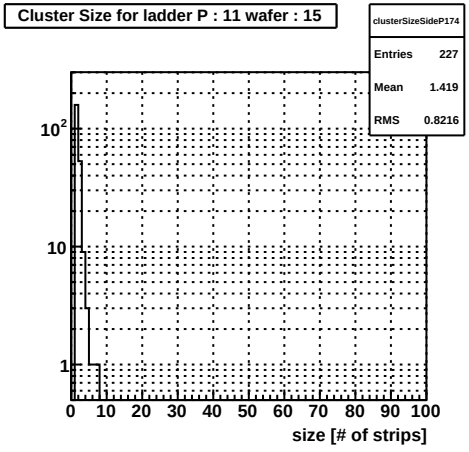

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 313
Mean 1.345
RMS 0.6561
size [# of strips]

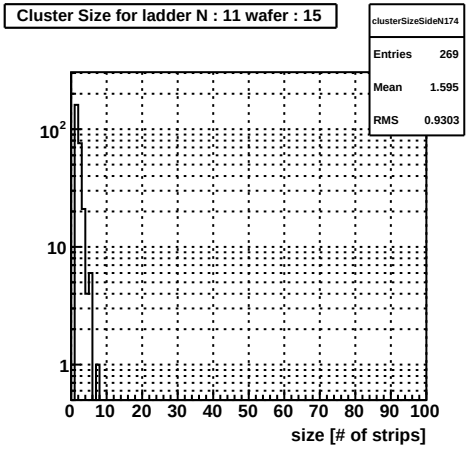

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 278
Mean 1.626
RMS 0.8334
size [# of strips]

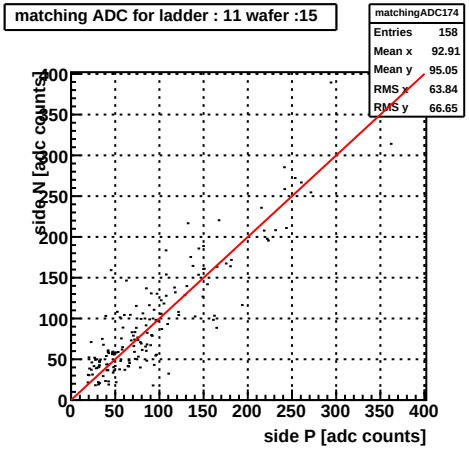

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 237
Mean x 83.16
Mean y 83.15
RMS x 59.64
RMS y 60.18
side N [adc counts]
side P [adc counts]

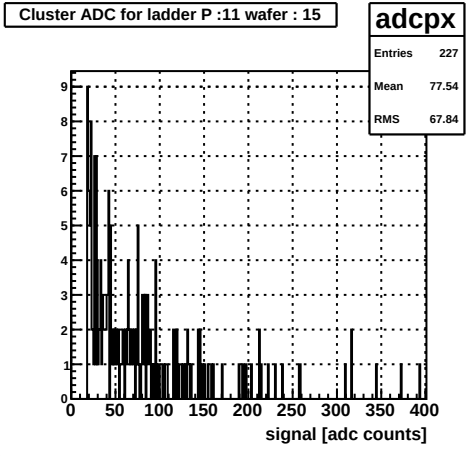

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 313
Mean 67.96
RMS 56.86
signal [adc counts]

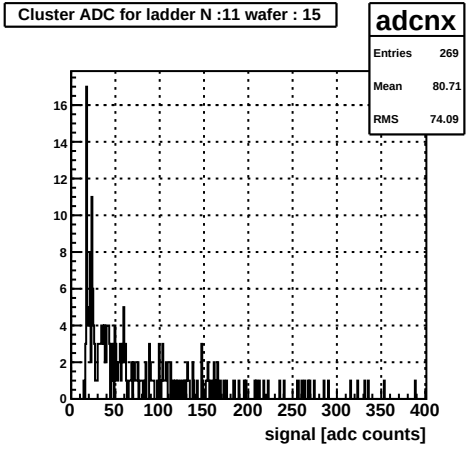

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 278
Mean 81.59
RMS 67.13
signal [adc counts]

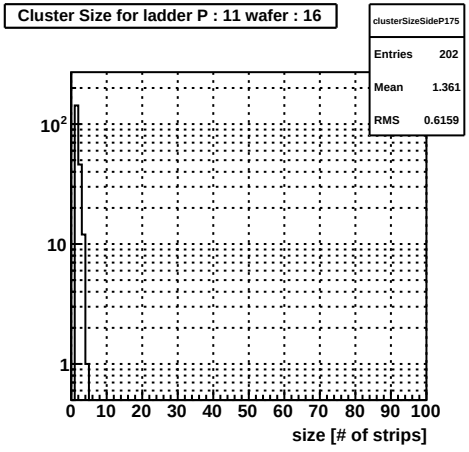

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 227
Mean 1.419
RMS 0.8216
size [# of strips]

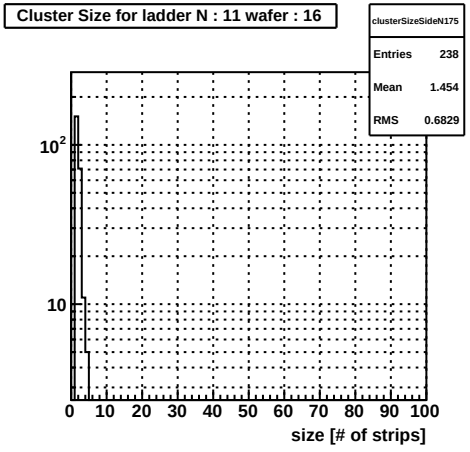

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 269
Mean 1.595
RMS 0.9303
size [# of strips]

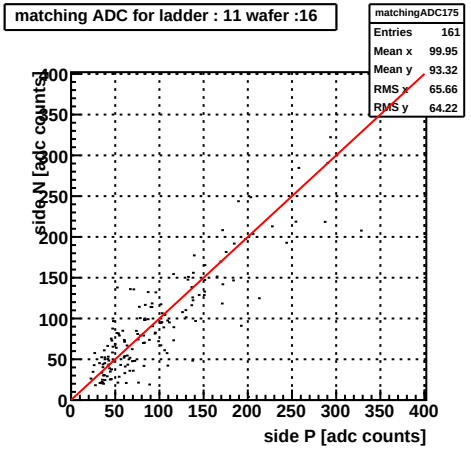

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 158
Mean x 92.91
Mean y 95.05
RMS x 63.84
RMS y 66.65
side N [adc counts]
side P [adc counts]

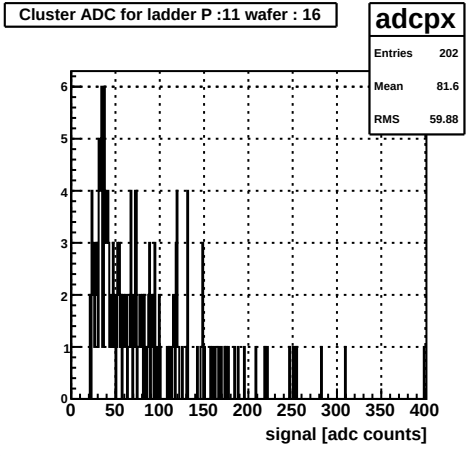

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 227
Mean 77.54
RMS 67.84
signal [adc counts]

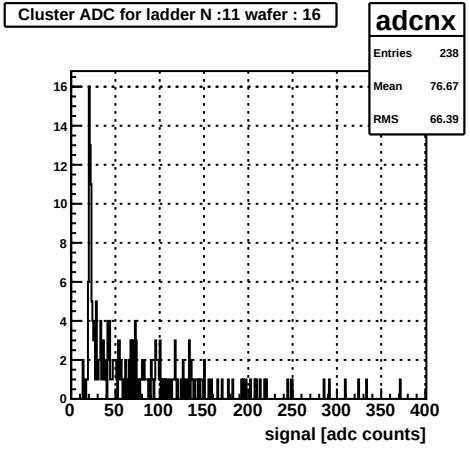

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 269
Mean 80.71
RMS 74.09
signal [adc counts]

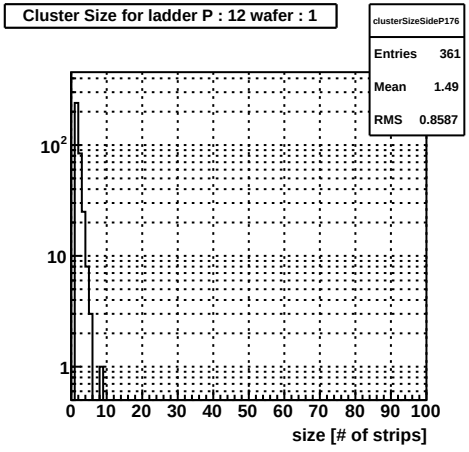

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 202
Mean 1.361
RMS 0.6159
size [# of strips]

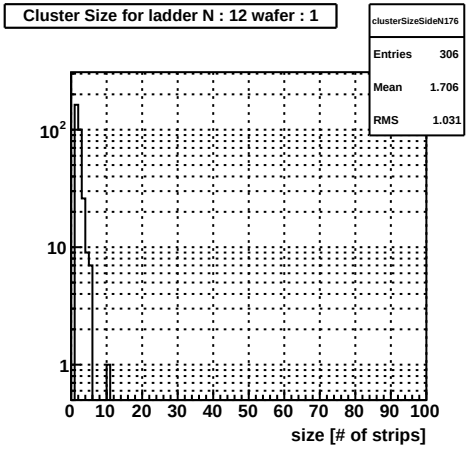

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 238
Mean 1.454
RMS 0.6829
size [# of strips]

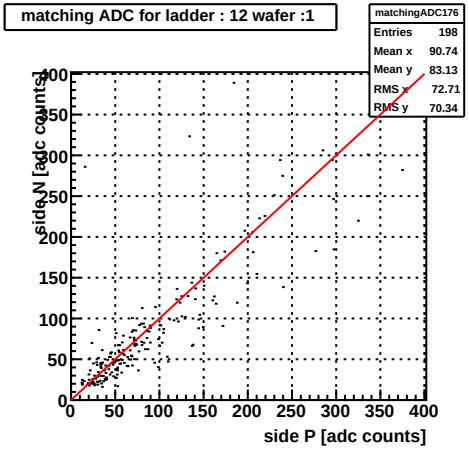

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 161
Mean x 99.95
Mean y 93.32
RMS x 65.66
RMS y 64.22
side N [adc counts]
side P [adc counts]

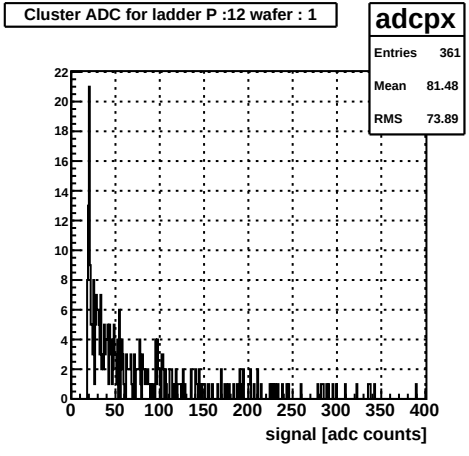

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 202
Mean 81.6
RMS 59.88
signal [adc counts]

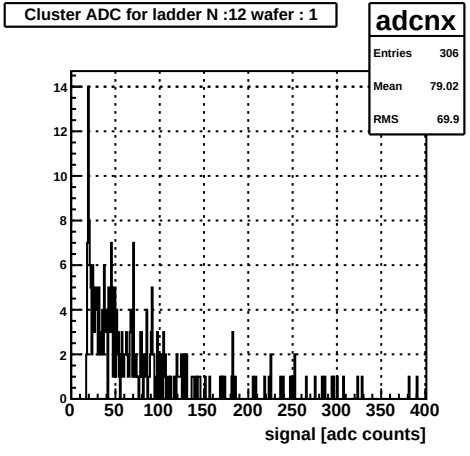

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 238
Mean 76.67
RMS 66.39
signal [adc counts]

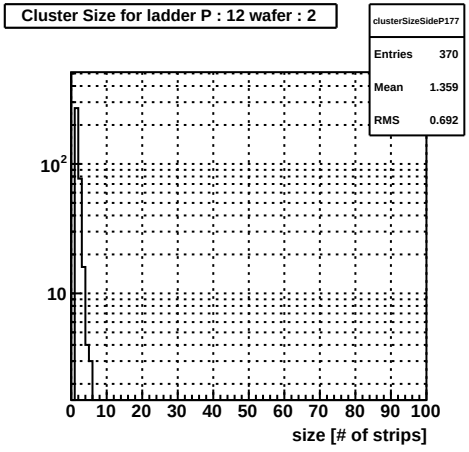

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 361
Mean 1.49
RMS 0.8587
size [# of strips]

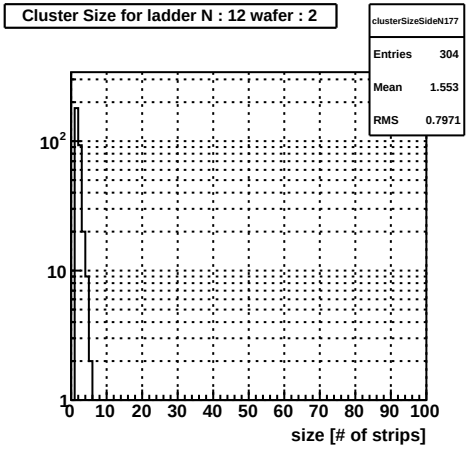

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 306
Mean 1.706
RMS 1.031
size [# of strips]

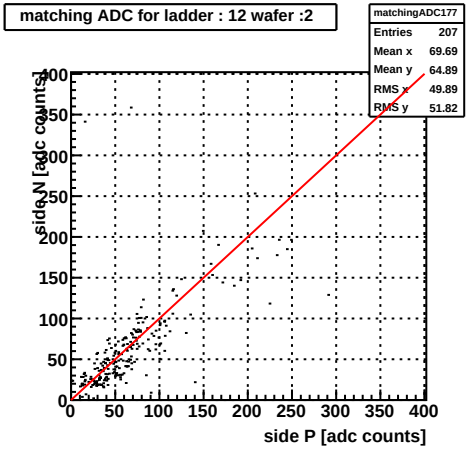

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 198
Mean x 90.74
Mean y 83.13
RMS x 72.71
RMS y 70.34
side N [adc counts]
side P [adc counts]

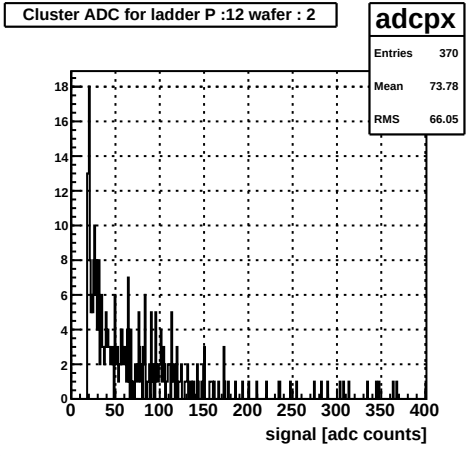

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 361
Mean 81.48
RMS 73.89
signal [adc counts]

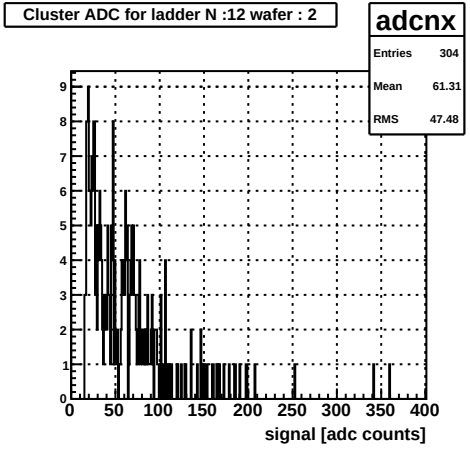

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 306
Mean 79.02
RMS 69.9
signal [adc counts]

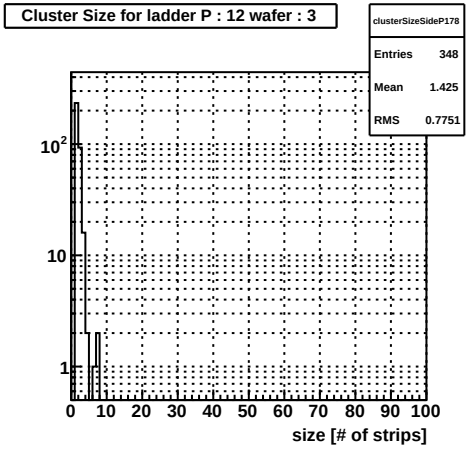

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 370
Mean 1.359
RMS 0.692
size [# of strips]

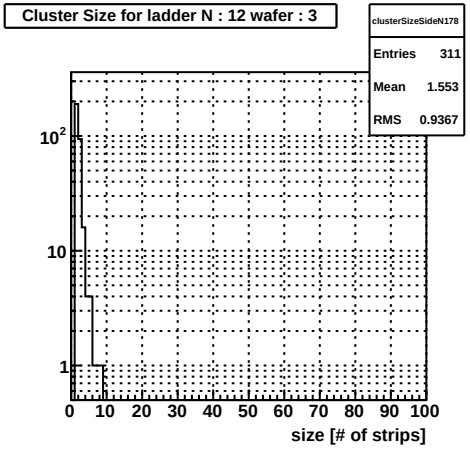

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 304
Mean 1.553
RMS 0.7971
size [# of strips]

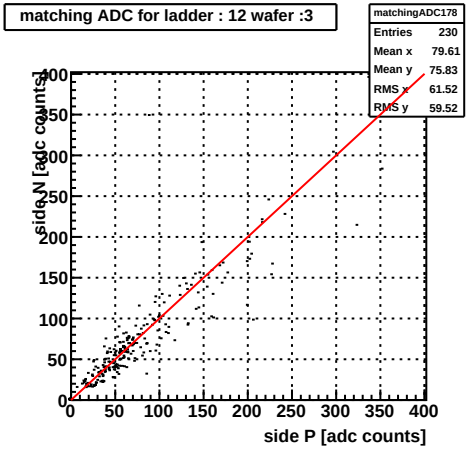

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 207
Mean x 69.69
Mean y 64.89
RMS x 49.89
RMS y 51.82
side N [adc counts]
side P [adc counts]

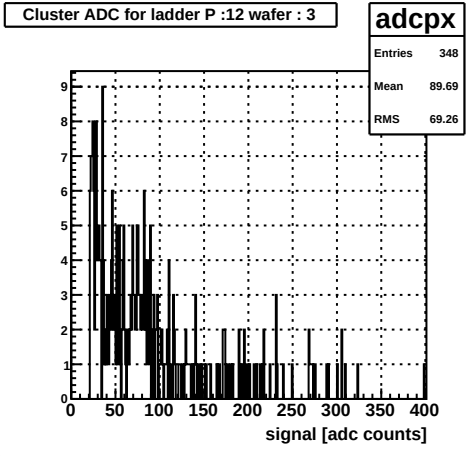

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 370
Mean 73.78
RMS 66.05
signal [adc counts]

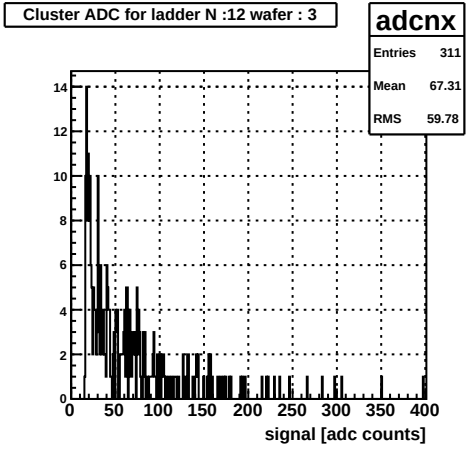

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 304
Mean 61.31
RMS 47.48
signal [adc counts]

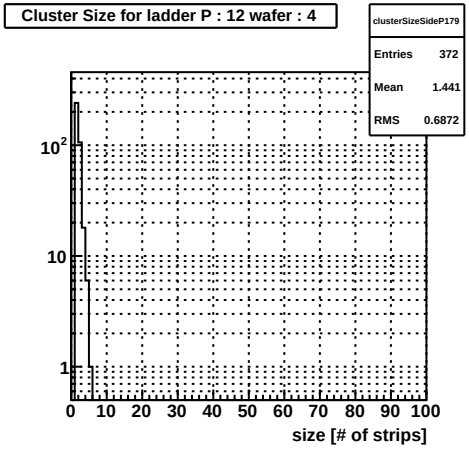

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 348
Mean 1.425
RMS 0.7751
size [# of strips]

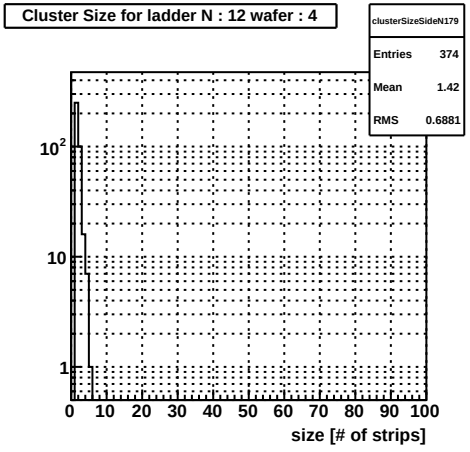

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 311
Mean 1.553
RMS 0.9367
size [# of strips]

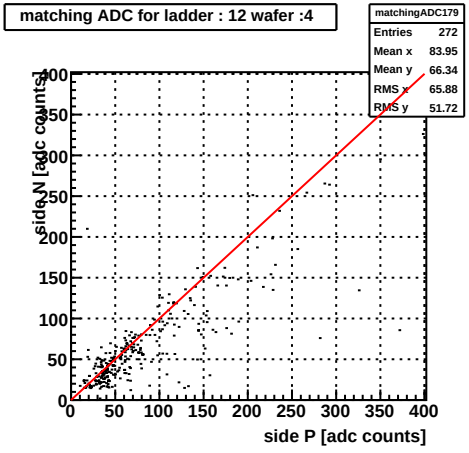

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 230
Mean x 79.61
Mean y 75.83
RMS x 61.52
RMS y 59.52
side N [adc counts]
side P [adc counts]

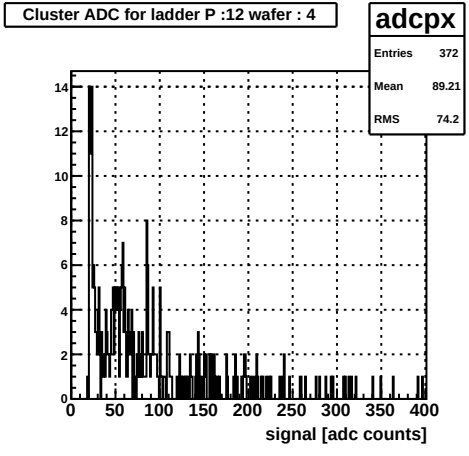

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 348
Mean 89.69
RMS 69.26
signal [adc counts]

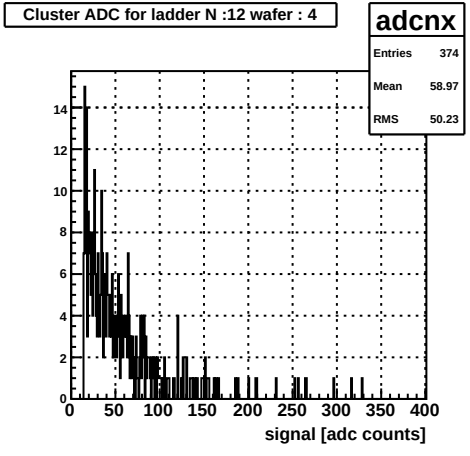

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 311
Mean 67.31
RMS 59.78
signal [adc counts]

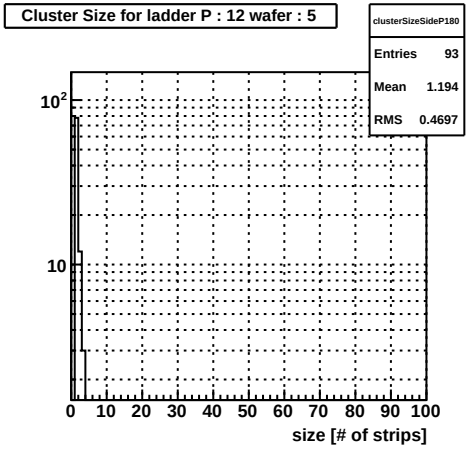

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 372
Mean 1.441
RMS 0.6872
size [# of strips]

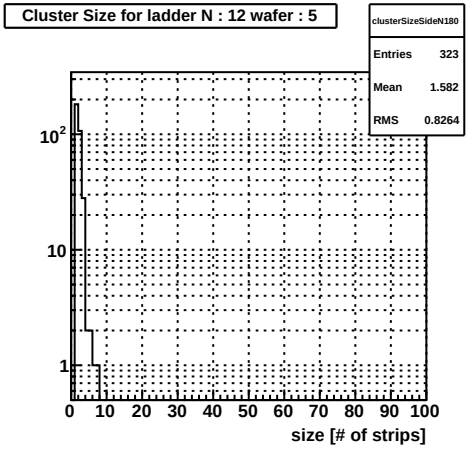

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 374
Mean 1.42
RMS 0.6881
size [# of strips]

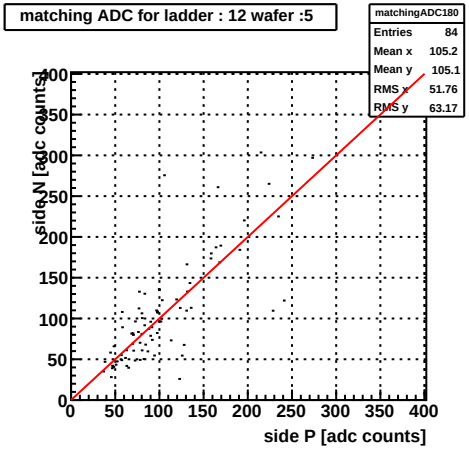

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 272
Mean x 83.95
Mean y 66.34
RMS x 65.88
RMS y 51.72
side N [adc counts]
side P [adc counts]

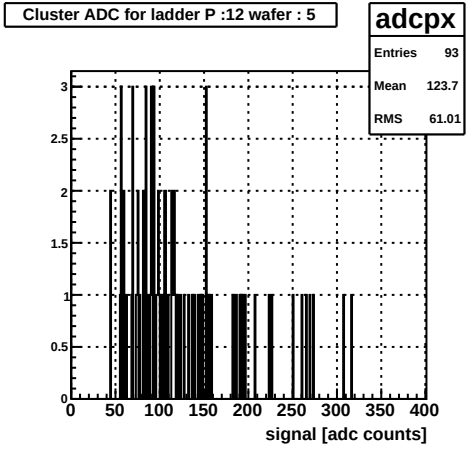

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 372
Mean 89.21
RMS 74.2
signal [adc counts]

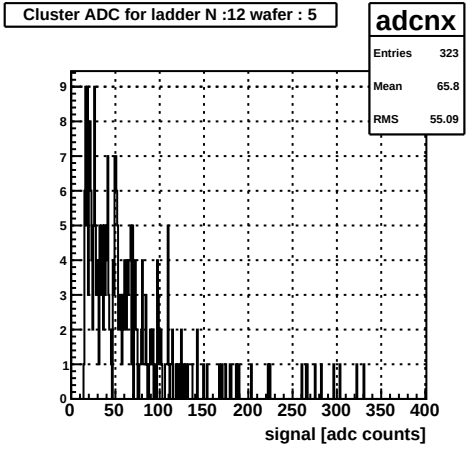

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 374
Mean 58.97
RMS 50.23
signal [adc counts]

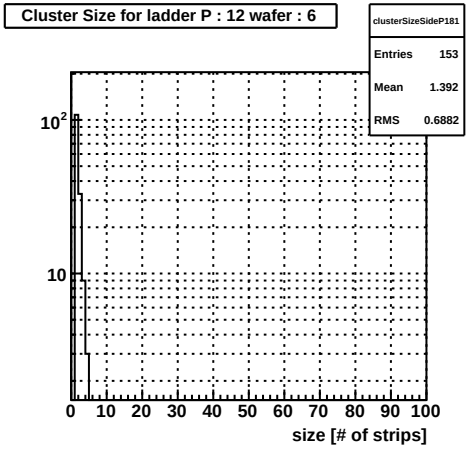

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 93
Mean 1.194
RMS 0.4697
size [# of strips]

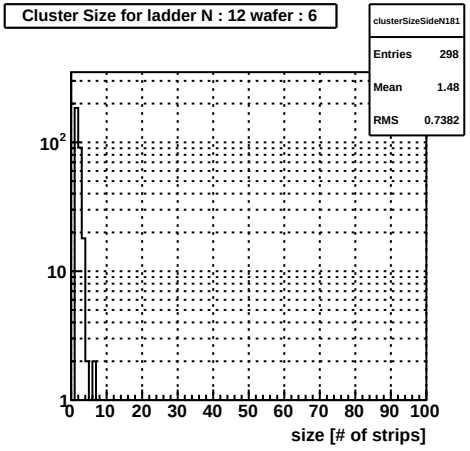

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 323
Mean 1.582
RMS 0.8264
size [# of strips]

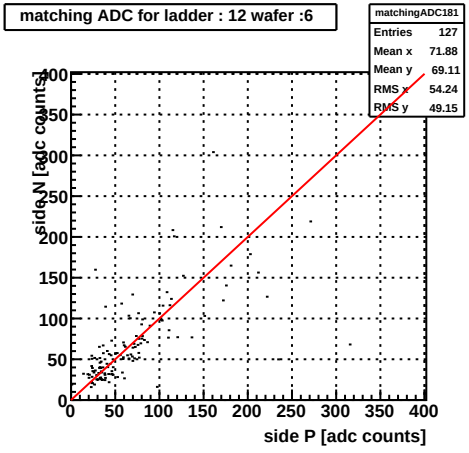

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 84
Mean x 105.2
Mean y 105.1
RMS x 51.76
RMS y 63.17
side N [adc counts]
side P [adc counts]

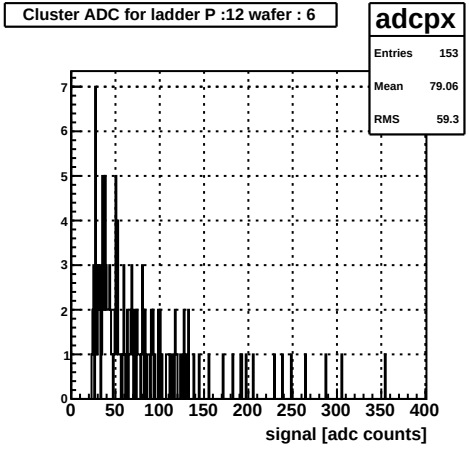

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 93
Mean 123.7
RMS 61.01
signal [adc counts]

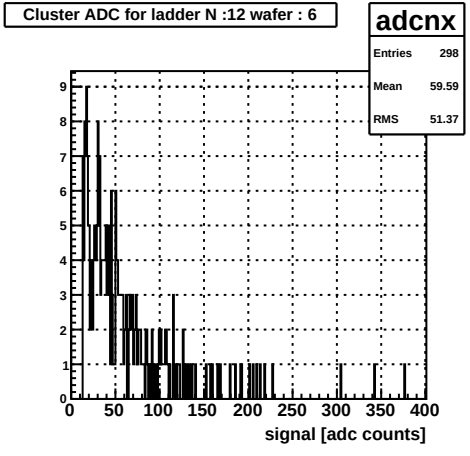

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 323
Mean 65.8
RMS 55.09
signal [adc counts]

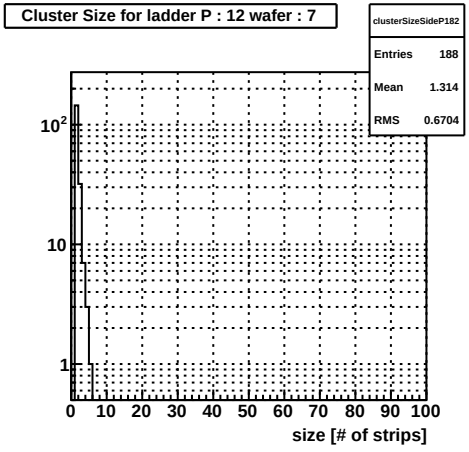

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 153
Mean 1.392
RMS 0.6882
size [# of strips]

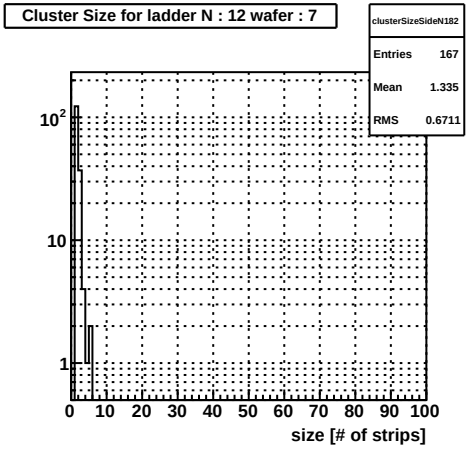

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 298
Mean 1.48
RMS 0.7382
size [# of strips]

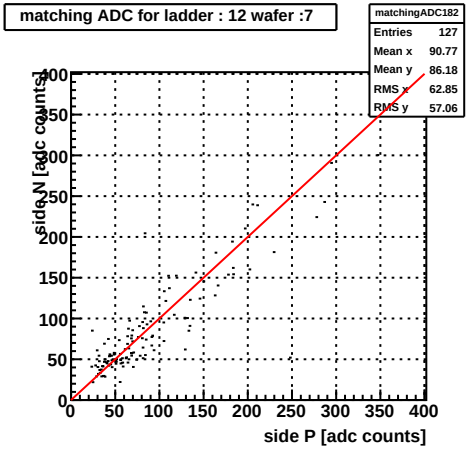

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 127
Mean x 71.88
Mean y 69.11
RMS x 54.24
RMS y 49.15
side N [adc counts]
side P [adc counts]

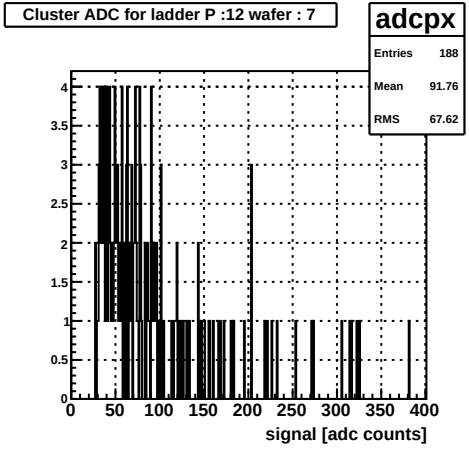

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 153
Mean 79.06
RMS 59.3
signal [adc counts]

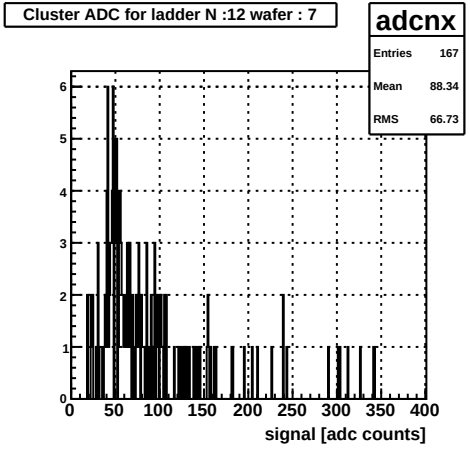

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 298
Mean 59.59
RMS 51.37
signal [adc counts]

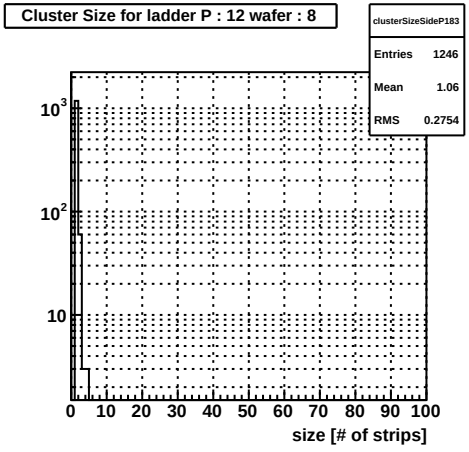

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 188
Mean 1.314
RMS 0.6704
size [# of strips]

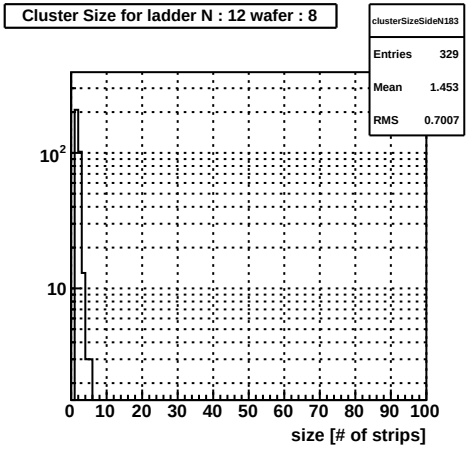

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 167
Mean 1.335
RMS 0.6711
size [# of strips]

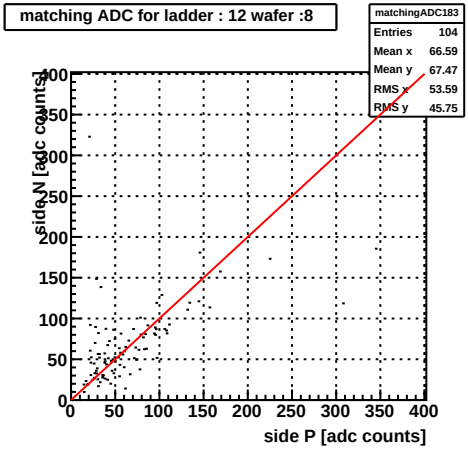

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 127
Mean x 90.77
Mean y 86.18
RMS x 62.85
RMS y 57.06
side N [adc counts]
side P [adc counts]

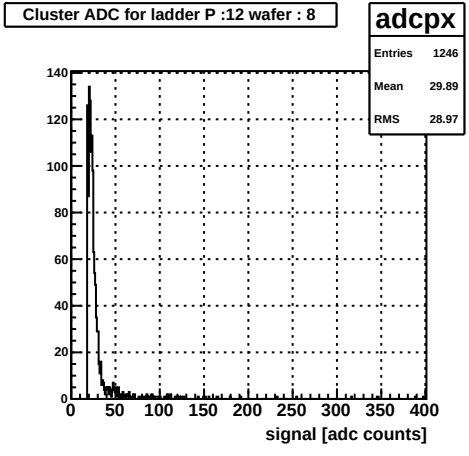

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 188
Mean 91.76
RMS 67.62
signal [adc counts]

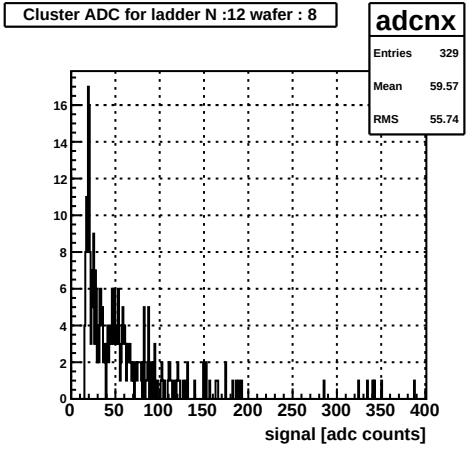

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 167
Mean 88.34
RMS 66.73
signal [adc counts]

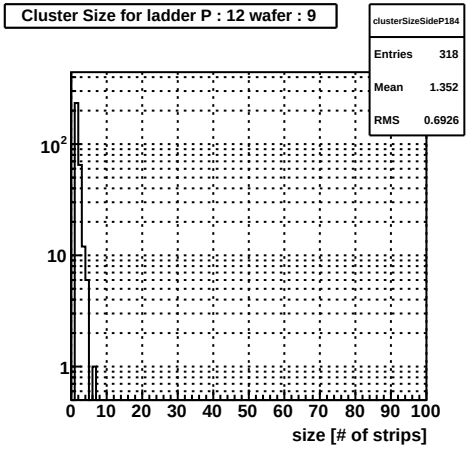

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 1246
Mean 1.06
RMS 0.2754
size [# of strips]

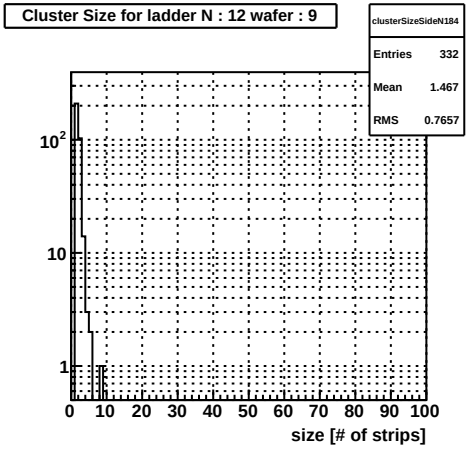

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 329
Mean 1.453
RMS 0.7007
size [# of strips]

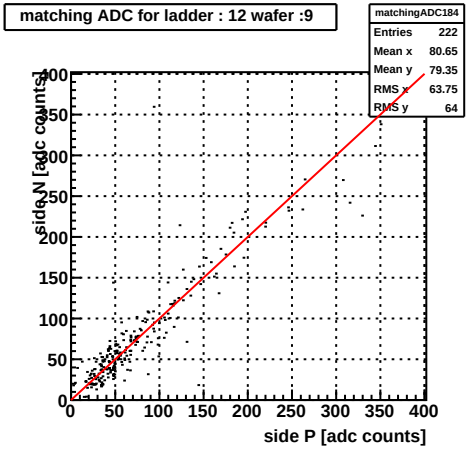

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 104
Mean x 66.59
Mean y 67.47
RMS x 53.59
RMS y 45.75
side N [adc counts]
side P [adc counts]

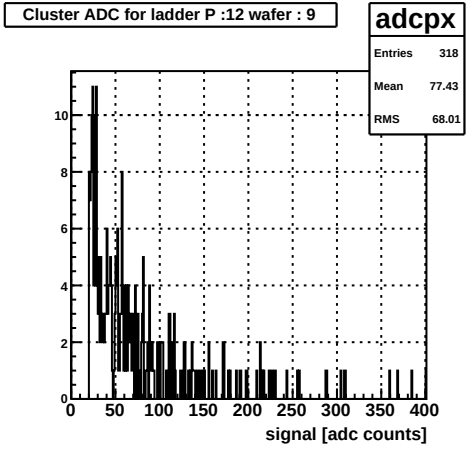

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 1246
Mean 29.89
RMS 28.97
signal [adc counts]

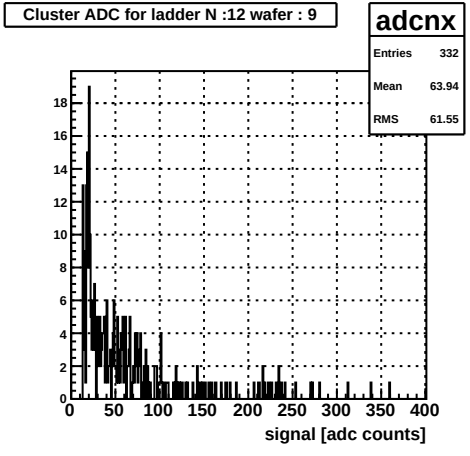

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 329
Mean 59.57
RMS 55.74
signal [adc counts]

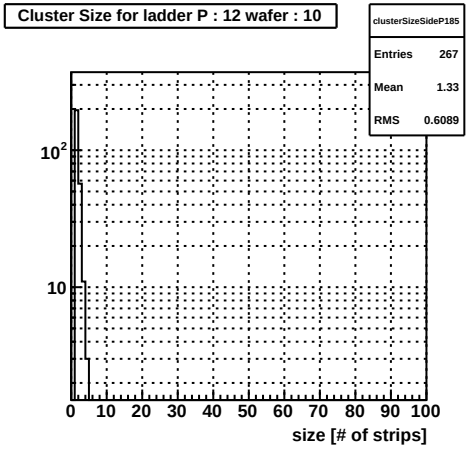

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 318
Mean 1.352
RMS 0.6926
size [# of strips]

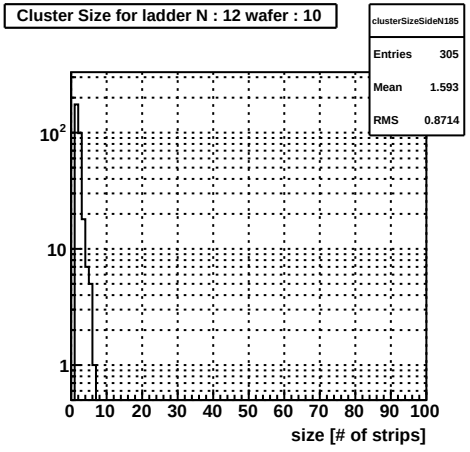

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 332
Mean 1.467
RMS 0.7657
size [# of strips]

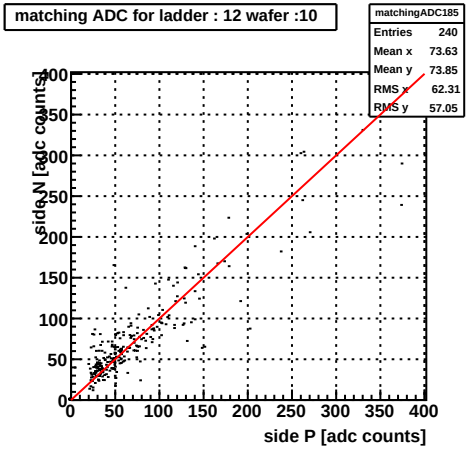

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 222
Mean x 80.65
Mean y 79.35
RMS x 63.75
RMS y 64
side N [adc counts]
side P [adc counts]

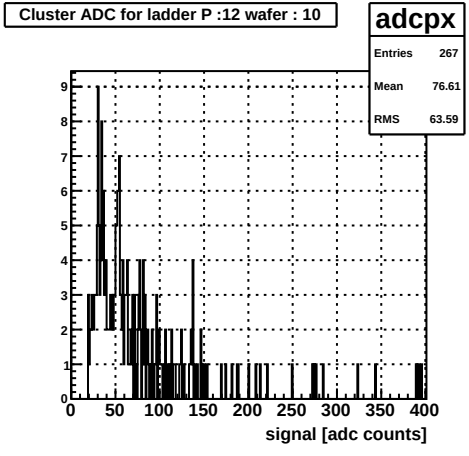

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 318
Mean 77.43
RMS 68.01
signal [adc counts]

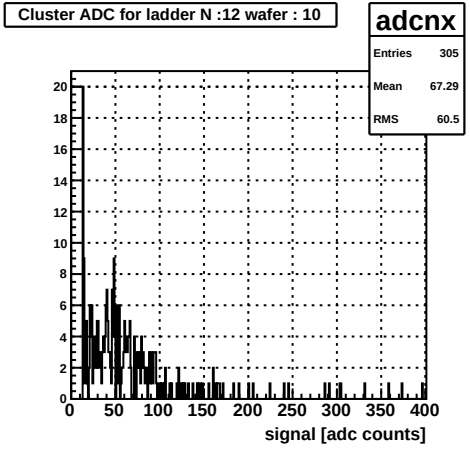

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 332
Mean 63.94
RMS 61.55
signal [adc counts]

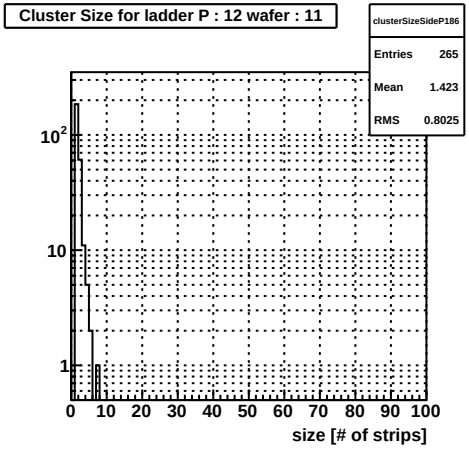

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 267
Mean 1.33
RMS 0.6089
size [# of strips]

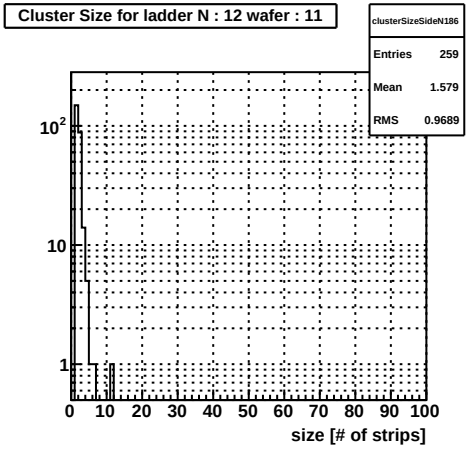

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 305
Mean 1.593
RMS 0.8714
size [# of strips]

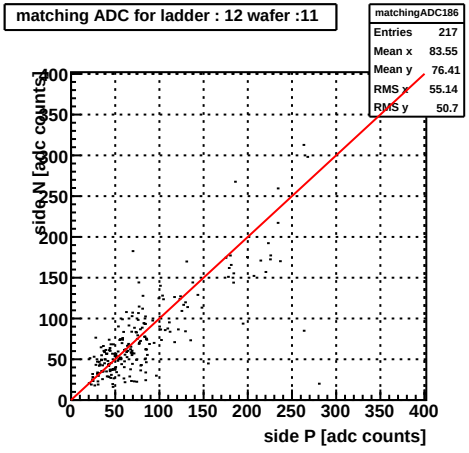

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 240
Mean x 73.63
Mean y 73.85
RMS x 62.31
RMS y 57.05
side N [adc counts]
side P [adc counts]

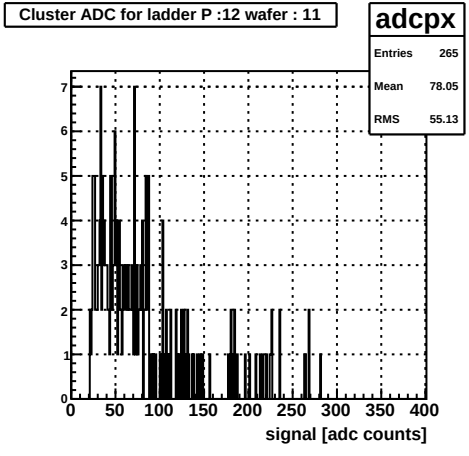

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 267
Mean 76.61
RMS 63.59
signal [adc counts]

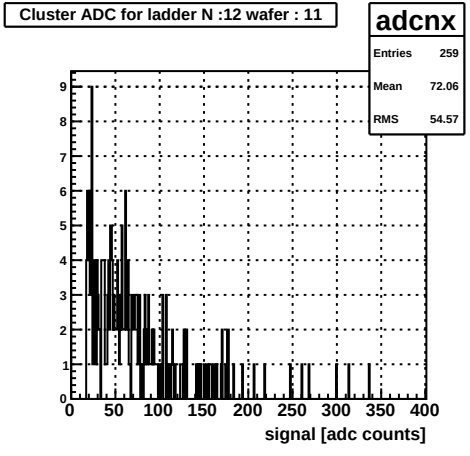

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 305
Mean 67.29
RMS 60.5
signal [adc counts]

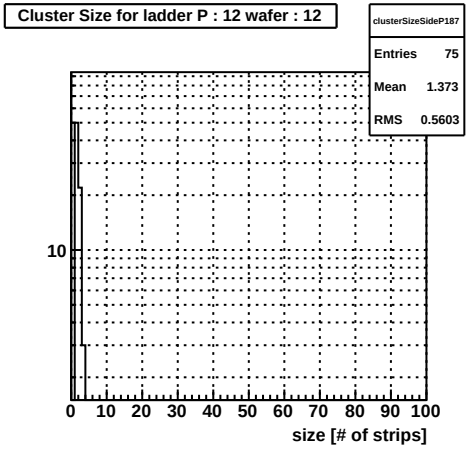

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 265
Mean 1.423
RMS 0.8025
size [# of strips]

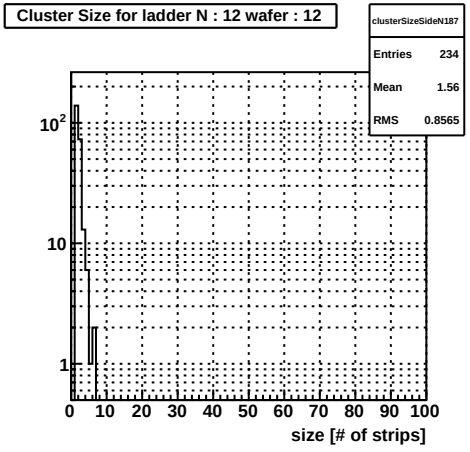

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 259
Mean 1.579
RMS 0.9689
size [# of strips]

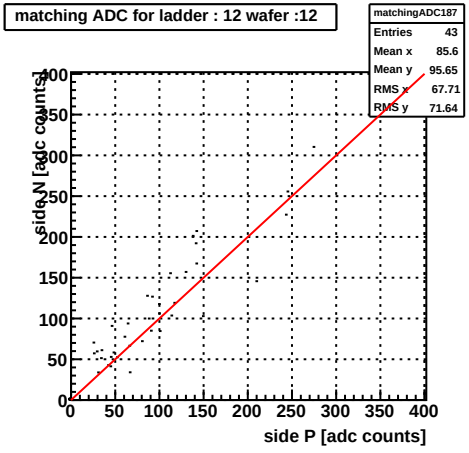

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 217
Mean x 83.55
Mean y 76.41
RMS x 55.14
RMS y 50.7
side N [adc counts]
side P [adc counts]

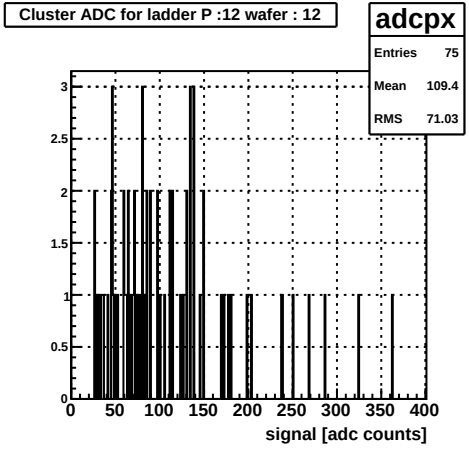

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 265
Mean 78.05
RMS 55.13
signal [adc counts]

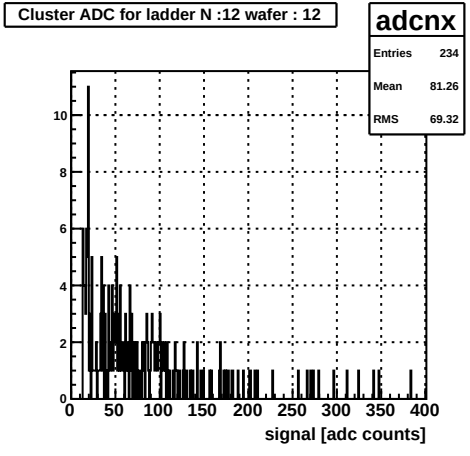

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 259
Mean 72.06
RMS 54.57
signal [adc counts]

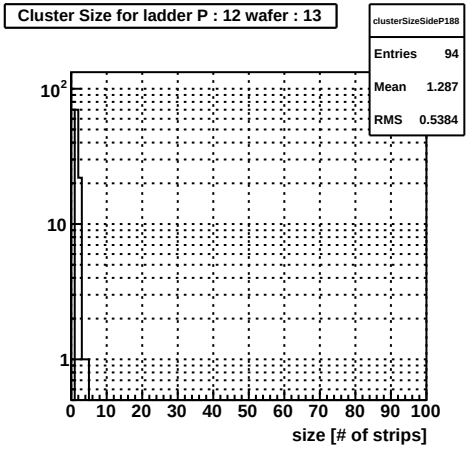

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 75
Mean 1.373
RMS 0.5603
size [# of strips]

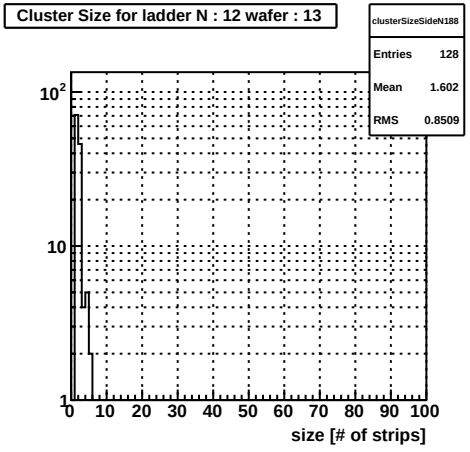

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 234
Mean 1.56
RMS 0.8565
size [# of strips]

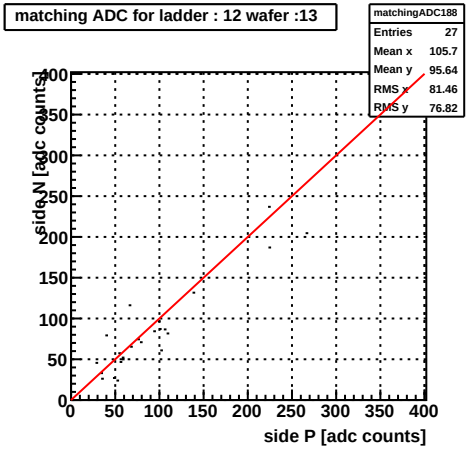

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 43
Mean x 85.6
Mean y 95.65
RMS x 67.71
RMS y 71.64
side N [adc counts]
side P [adc counts]

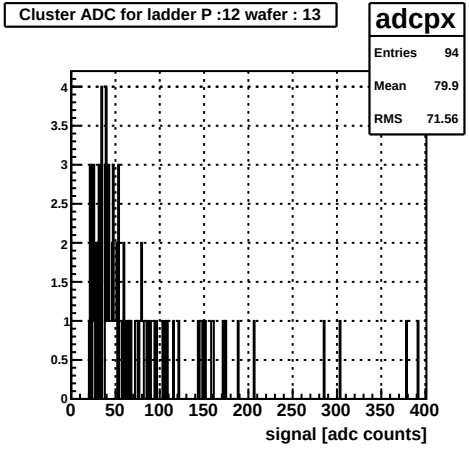

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 75
Mean 109.4
RMS 71.03
signal [adc counts]

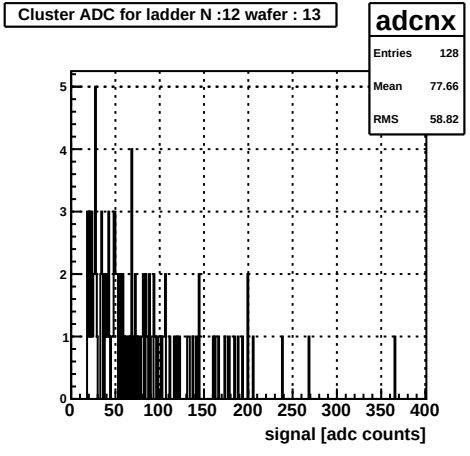

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 234
Mean 81.26
RMS 69.32
signal [adc counts]

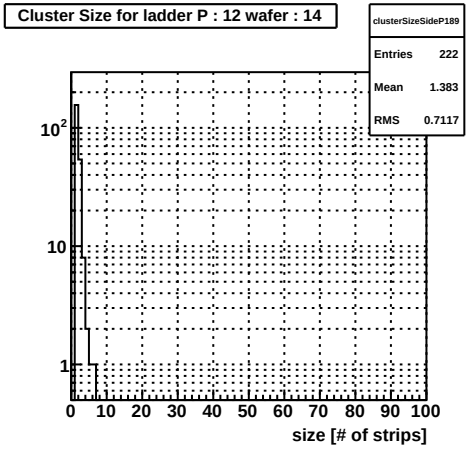

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 94
Mean 1.287
RMS 0.5384
size [# of strips]

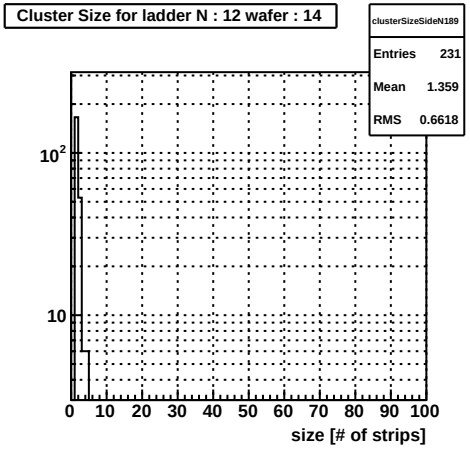

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 128
Mean 1.602
RMS 0.8509
size [# of strips]

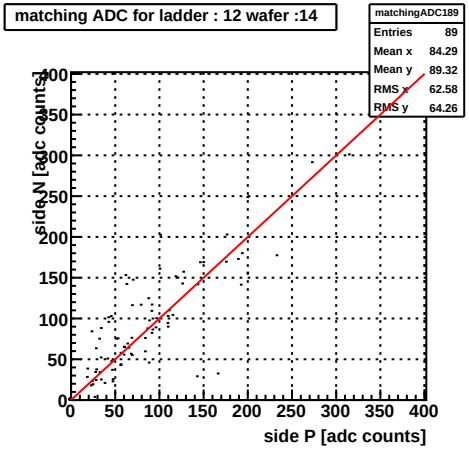

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 27
Mean x 105.7
Mean y 95.64
RMS x 81.46
RMS y 76.82
side N [adc counts]
side P [adc counts]

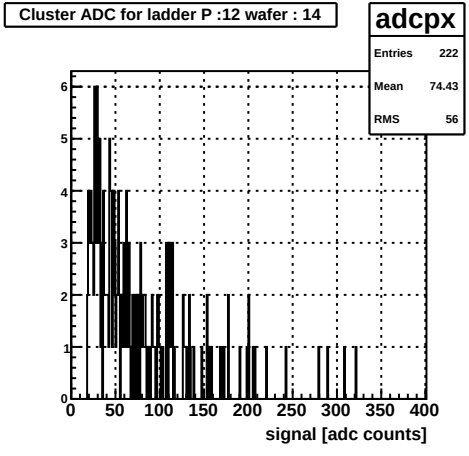

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 94
Mean 79.9
RMS 71.56
signal [adc counts]

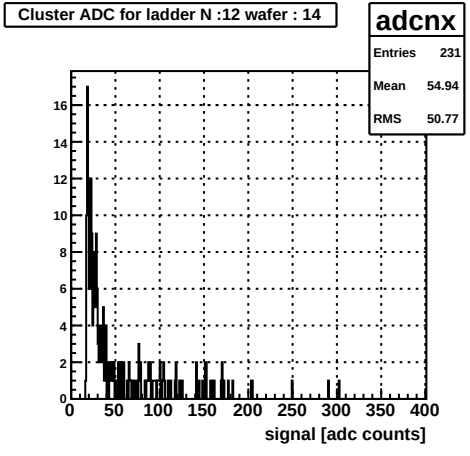

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 128
Mean 77.66
RMS 58.82
signal [adc counts]

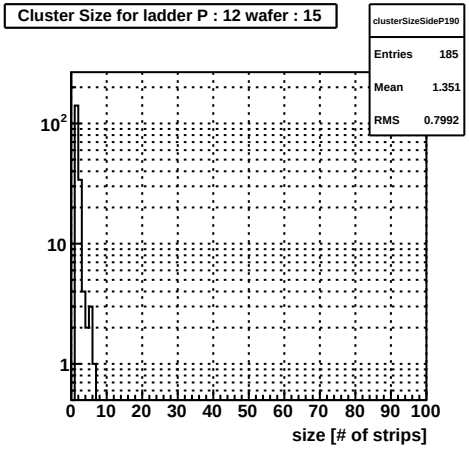

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 222
Mean 1.383
RMS 0.7117
size [# of strips]

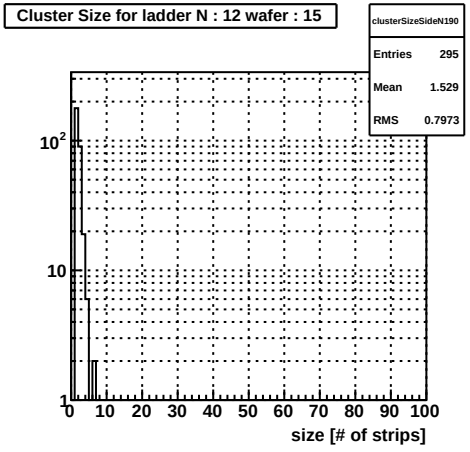

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 231
Mean 1.359
RMS 0.6618
size [# of strips]

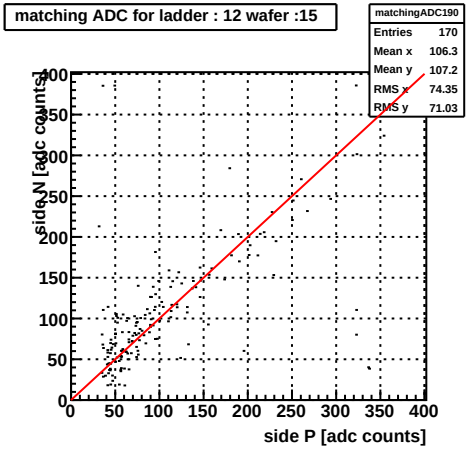

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 89
Mean x 84.29
Mean y 89.32
RMS x 62.58
RMS y 64.26
side N [adc counts]
side P [adc counts]

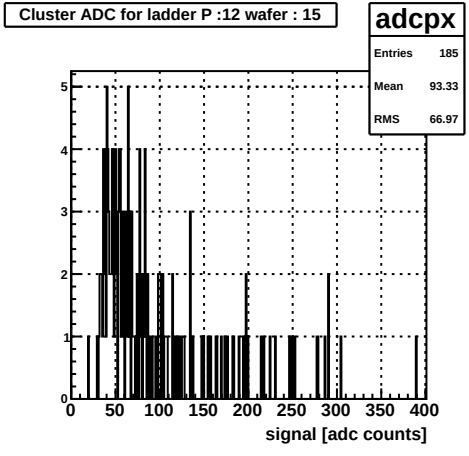

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 222
Mean 74.43
RMS 56
signal [adc counts]

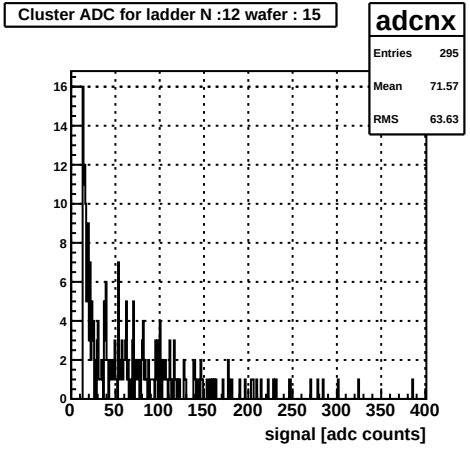

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 231
Mean 54.94
RMS 50.77
signal [adc counts]

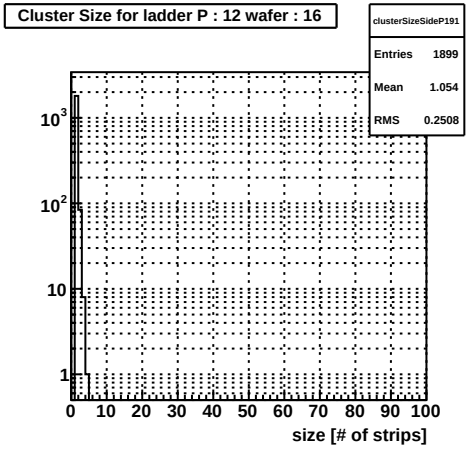

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 185
Mean 1.351
RMS 0.7992
size [# of strips]

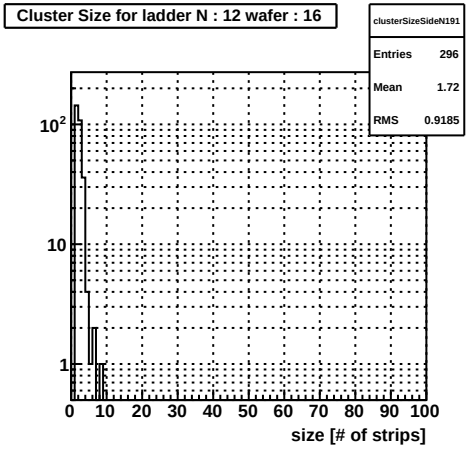

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 295
Mean 1.529
RMS 0.7973
size [# of strips]

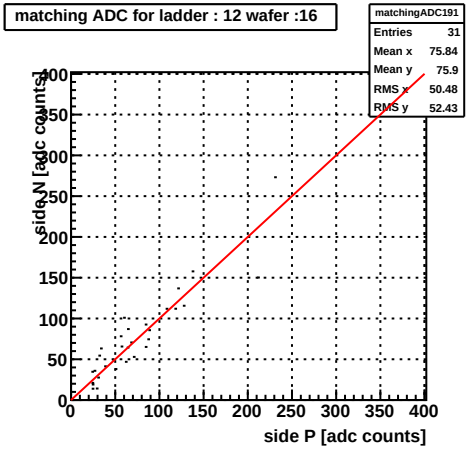

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 170
Mean x 106.3
Mean y 107.2
RMS x 74.35
RMS y 71.03
side N [adc counts]
side P [adc counts]

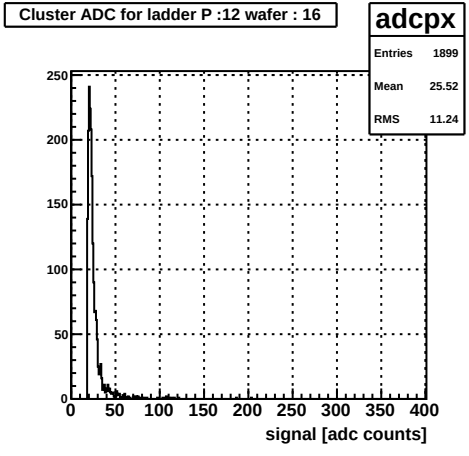

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 185
Mean 93.33
RMS 66.97
signal [adc counts]

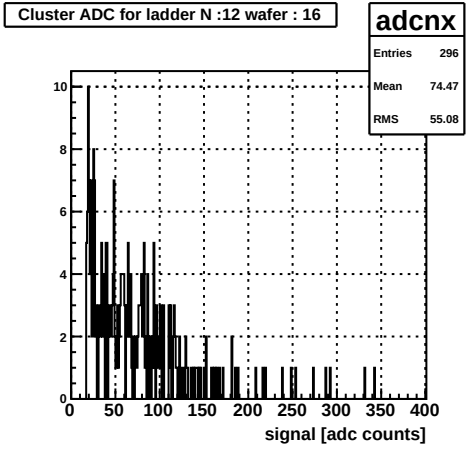

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 295
Mean 71.57
RMS 63.63
signal [adc counts]

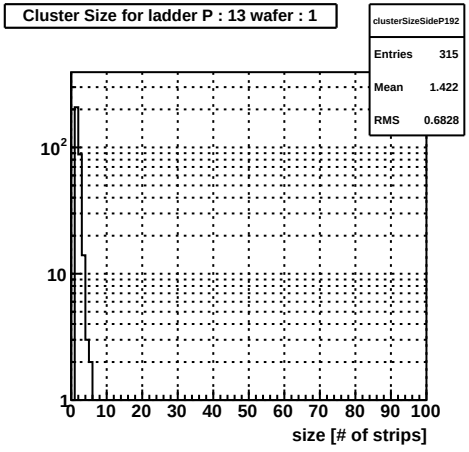

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 1899
Mean 1.054
RMS 0.2508
size [# of strips]

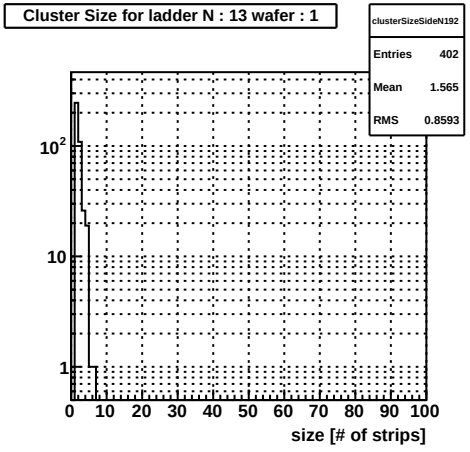

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 296
Mean 1.72
RMS 0.9185
size [# of strips]

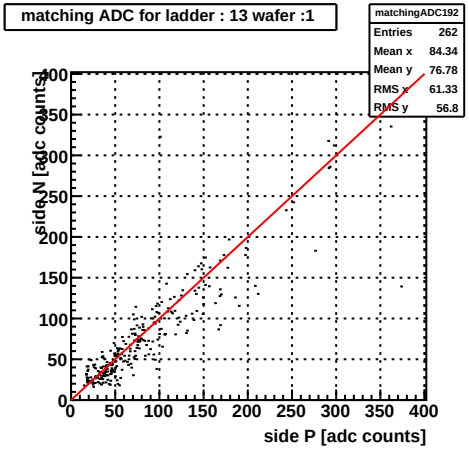

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 31
Mean x 75.84
Mean y 75.9
RMS x 50.48
RMS y 52.43
side N [adc counts]
side P [adc counts]

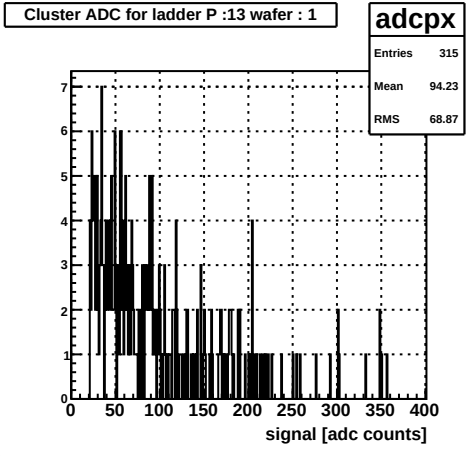

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 1899
Mean 25.52
RMS 11.24
signal [adc counts]

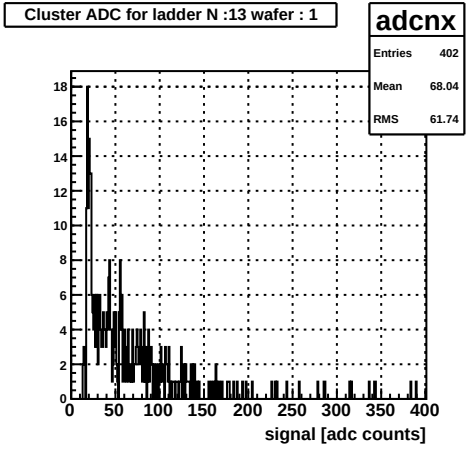

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 296
Mean 74.47
RMS 55.08
signal [adc counts]

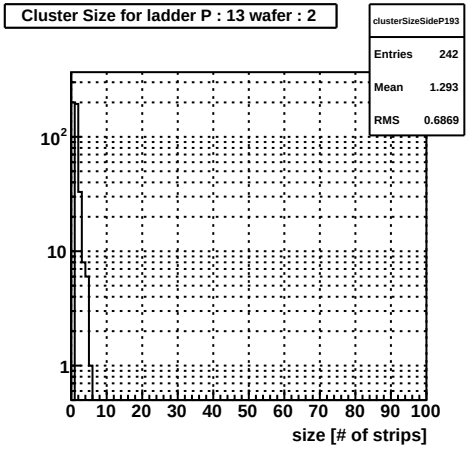

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 315
Mean 1.422
RMS 0.6828
size [# of strips]

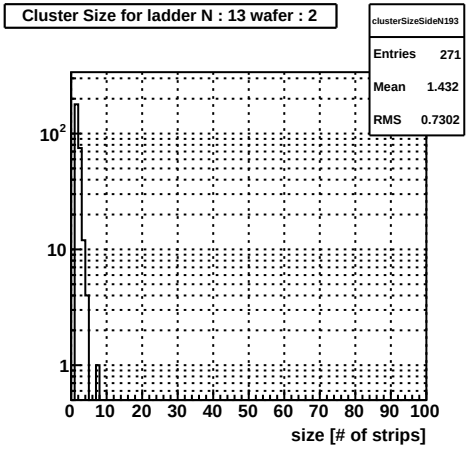

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 402
Mean 1.565
RMS 0.8593
size [# of strips]

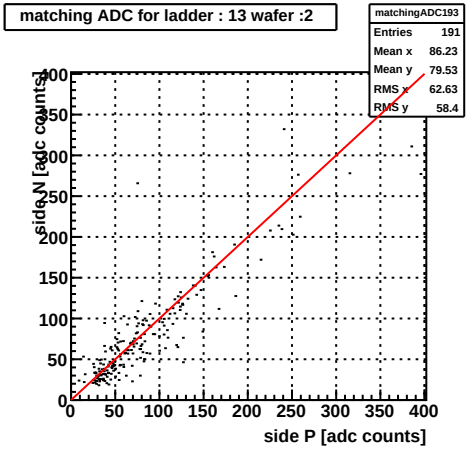

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 262
Mean x 84.34
Mean y 76.78
RMS x 61.33
RMS y 56.8
side N [adc counts]
side P [adc counts]

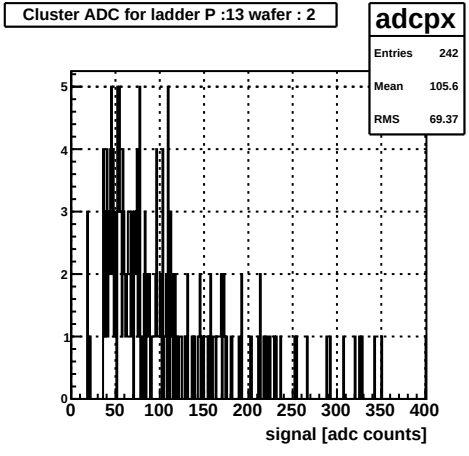

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 315
Mean 94.23
RMS 68.87
signal [adc counts]

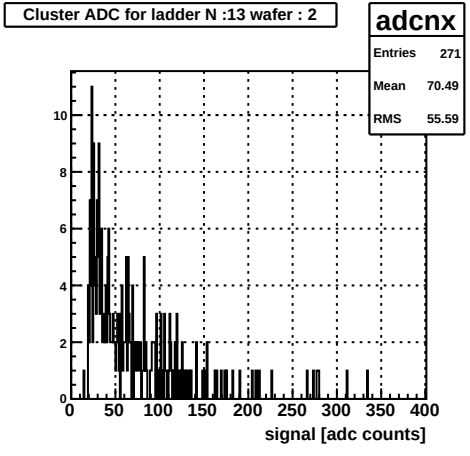

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 402
Mean 68.04
RMS 61.74
signal [adc counts]

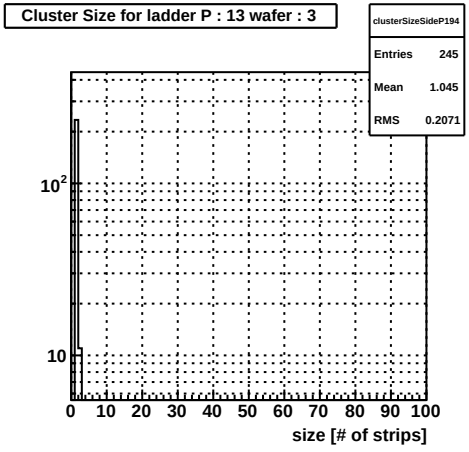

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 242
Mean 1.293
RMS 0.6869
size [# of strips]

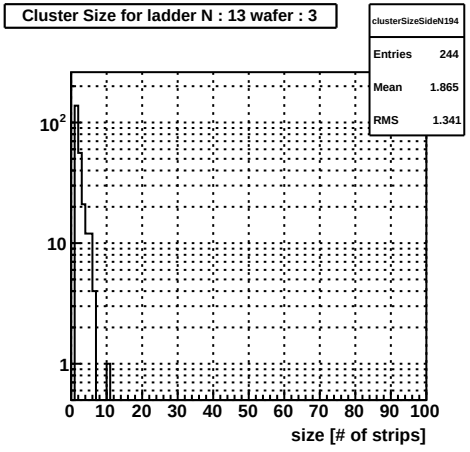

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 271
Mean 1.432
RMS 0.7302
size [# of strips]

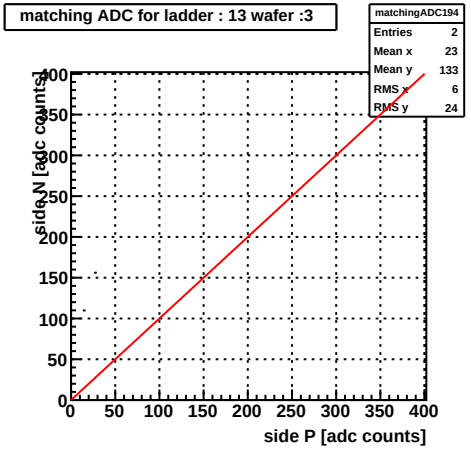

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 191
Mean x 86.23
Mean y 79.53
RMS x 62.63
RMS y 58.4
side N [adc counts]
side P [adc counts]

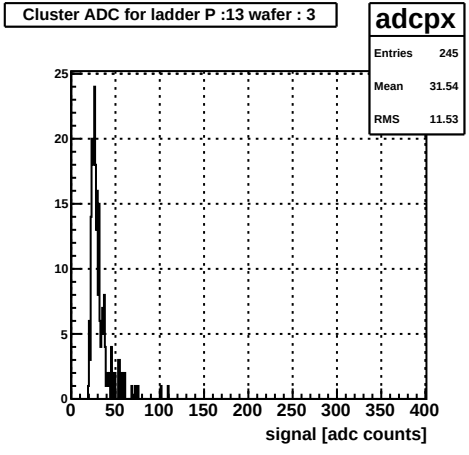

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 242
Mean 105.6
RMS 69.37
signal [adc counts]

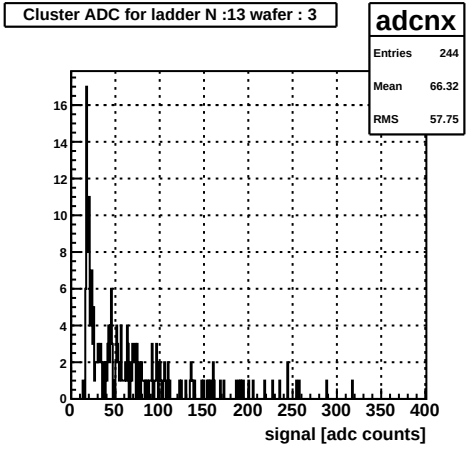

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 271
Mean 70.49
RMS 55.59
signal [adc counts]

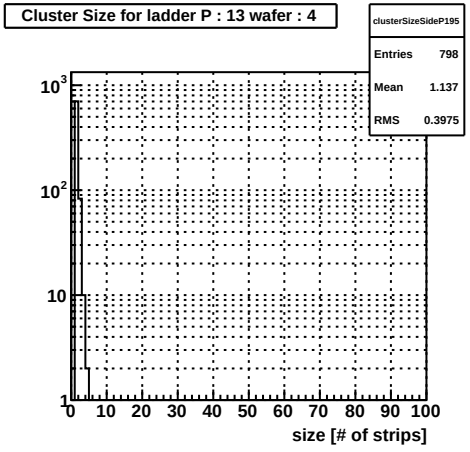

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 245
Mean 1.045
RMS 0.2071
size [# of strips]

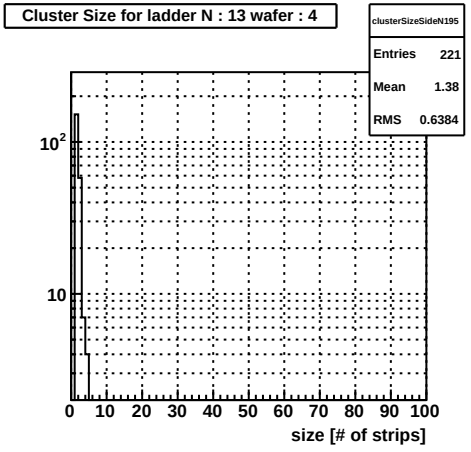

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 244
Mean 1.865
RMS 1.341
size [# of strips]

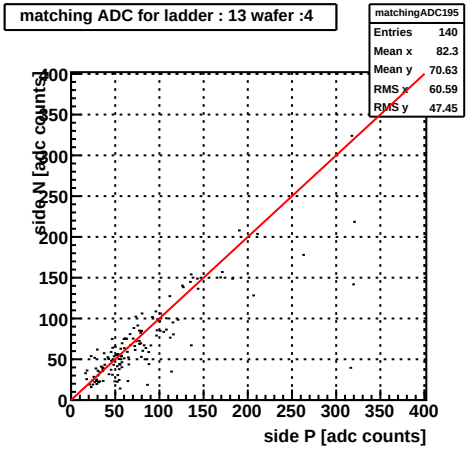

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 2
Mean x 23
Mean y 133
RMS x 6
RMS y 24
side N [adc counts]
side P [adc counts]

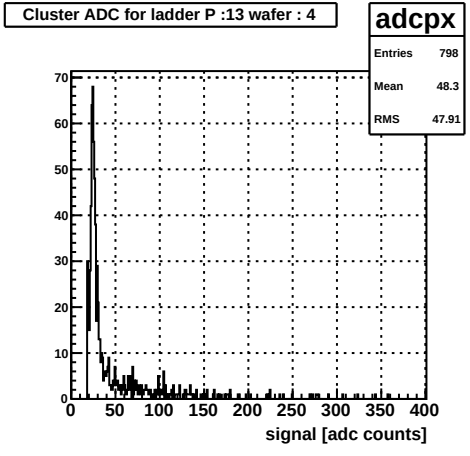

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 245
Mean 31.54
RMS 11.53
signal [adc counts]

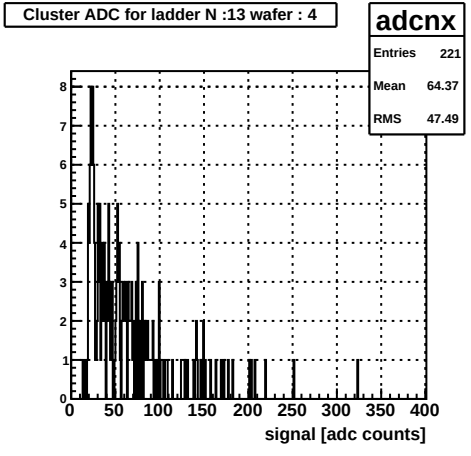

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 244
Mean 66.32
RMS 57.75
signal [adc counts]

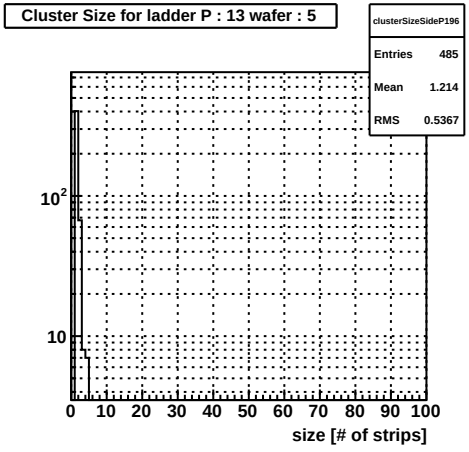

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 798
Mean 1.137
RMS 0.3975
size [# of strips]

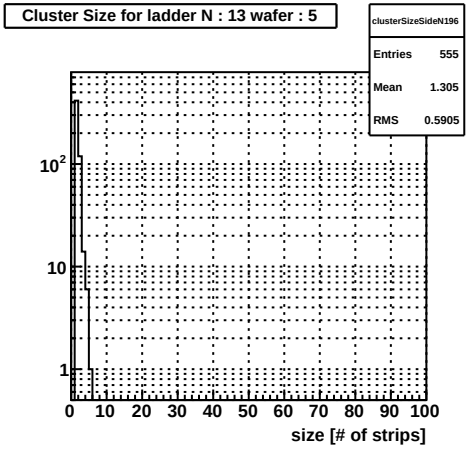

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 221
Mean 1.38
RMS 0.6384
size [# of strips]

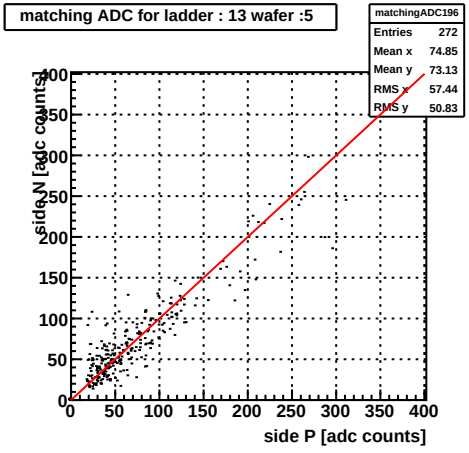

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 140
Mean x 82.3
Mean y 70.63
RMS x 60.59
RMS y 47.45
side N [adc counts]
side P [adc counts]

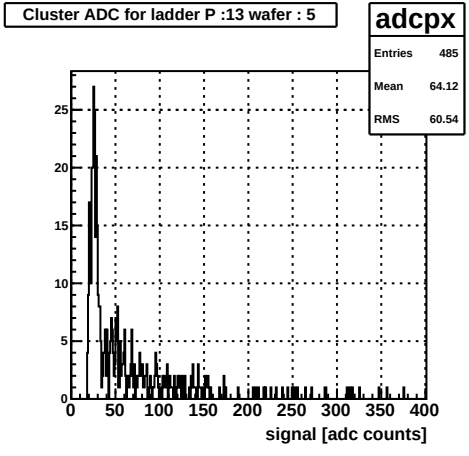

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 798
Mean 48.3
RMS 47.91
signal [adc counts]

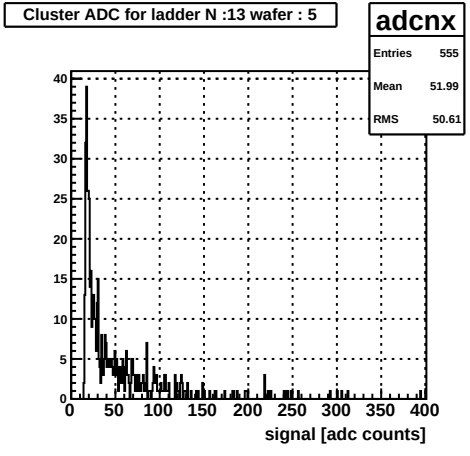

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 221
Mean 64.37
RMS 47.49
signal [adc counts]

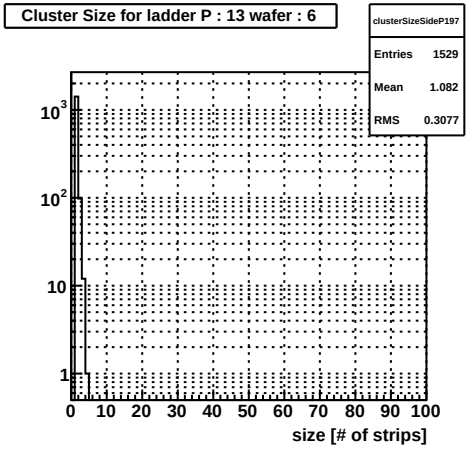

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 485
Mean 1.214
RMS 0.5367
size [# of strips]

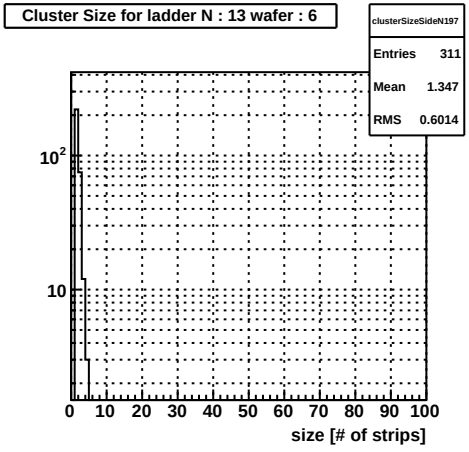

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 555
Mean 1.305
RMS 0.5905
size [# of strips]

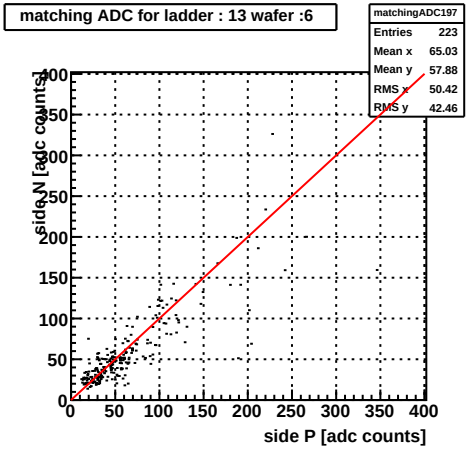

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 272
Mean x 74.85
Mean y 73.13
RMS x 57.44
RMS y 50.83
side N [adc counts]
side P [adc counts]

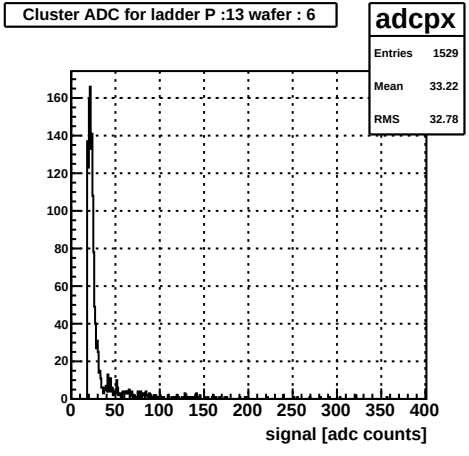

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 485
Mean 64.12
RMS 60.54
signal [adc counts]

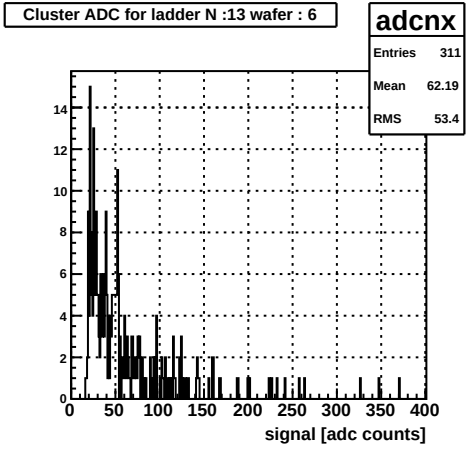

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 555
Mean 51.99
RMS 50.61
signal [adc counts]

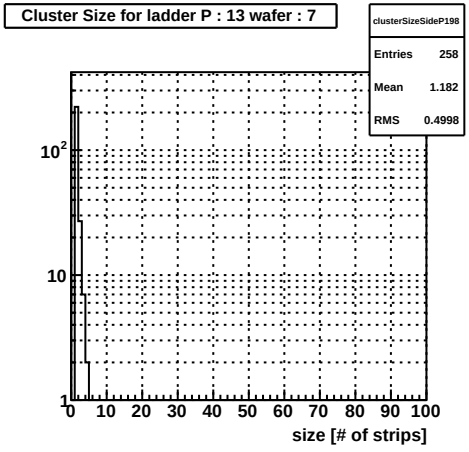

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 1529
Mean 1.082
RMS 0.3077
size [# of strips]

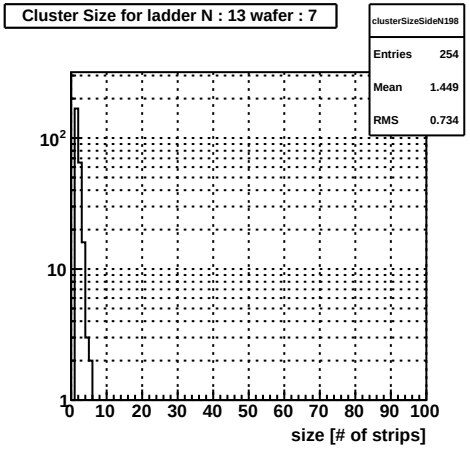

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 311
Mean 1.347
RMS 0.6014
size [# of strips]

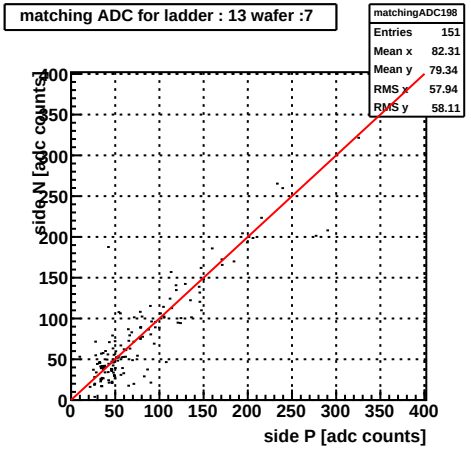

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 223
Mean x 65.03
Mean y 57.88
RMS x 50.42
RMS y 42.46
side N [adc counts]
side P [adc counts]

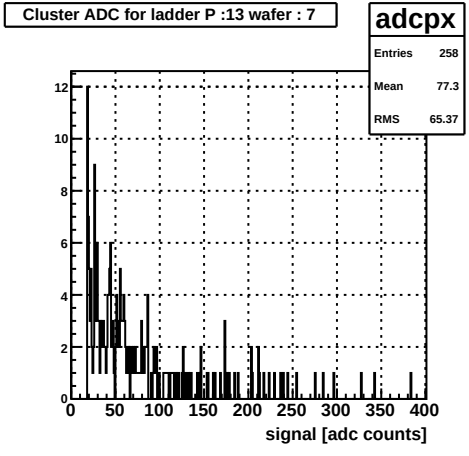

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 1529
Mean 33.22
RMS 32.78
signal [adc counts]

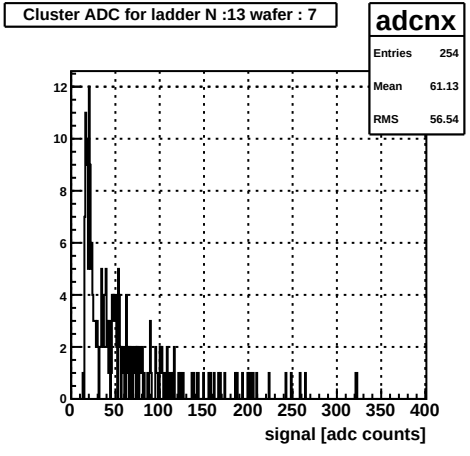

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 311
Mean 62.19
RMS 53.4
signal [adc counts]

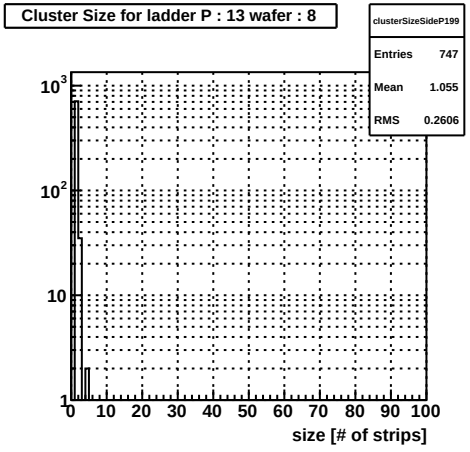

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 258
Mean 1.182
RMS 0.4998
size [# of strips]

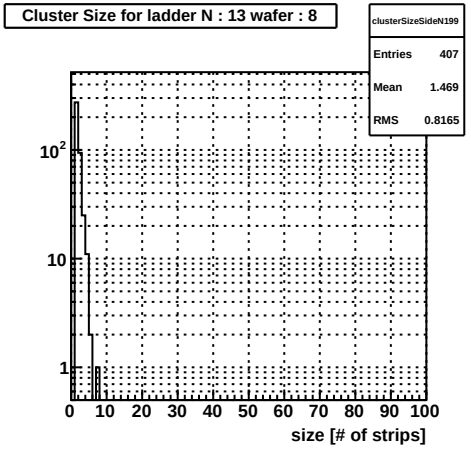

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 254
Mean 1.449
RMS 0.734
size [# of strips]

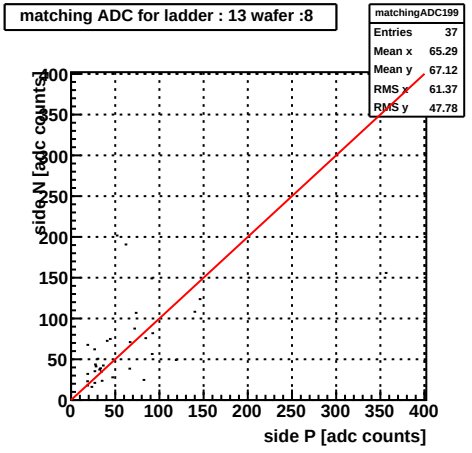

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 151
Mean x 82.31
Mean y 79.34
RMS x 57.94
RMS y 58.11
side N [adc counts]
side P [adc counts]

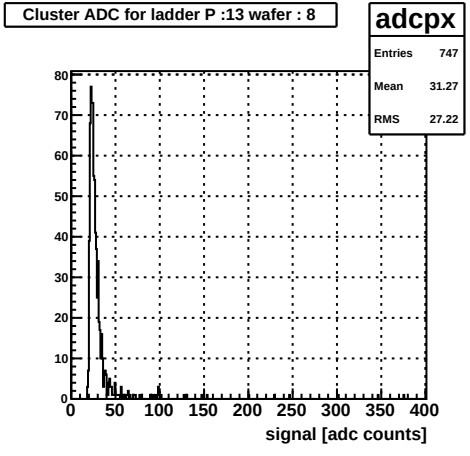

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 258
Mean 77.3
RMS 65.37
signal [adc counts]

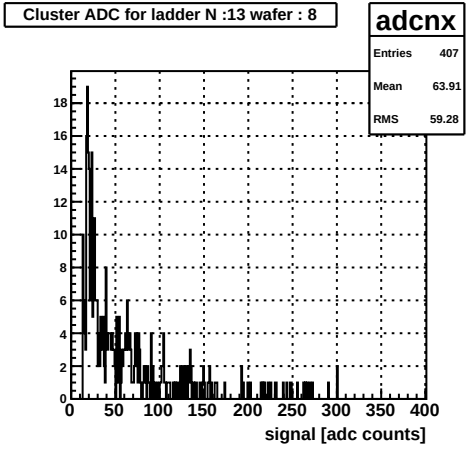

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 254
Mean 61.13
RMS 56.54
signal [adc counts]

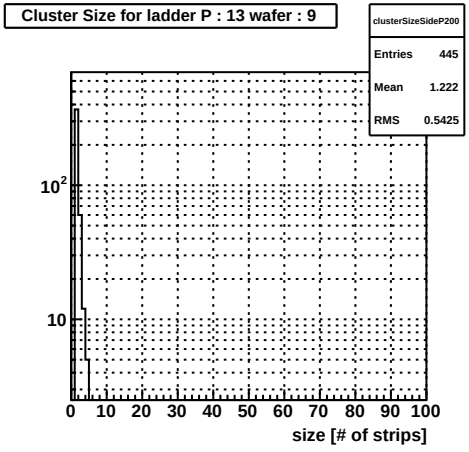

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 747
Mean 1.055
RMS 0.2606
size [# of strips]

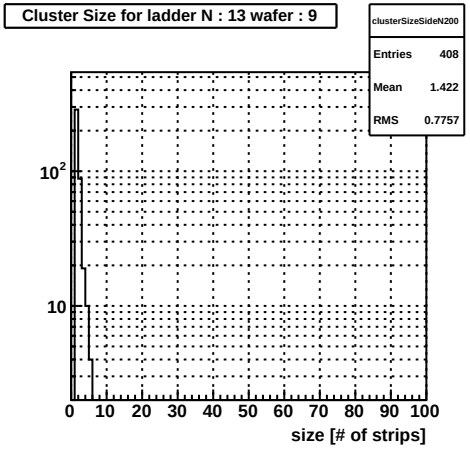

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 407
Mean 1.469
RMS 0.8165
size [# of strips]

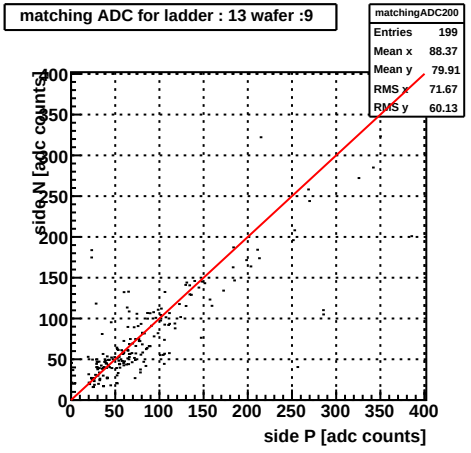

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 37
Mean x 65.29
Mean y 67.12
RMS x 61.37
RMS y 47.78
side N [adc counts]
side P [adc counts]

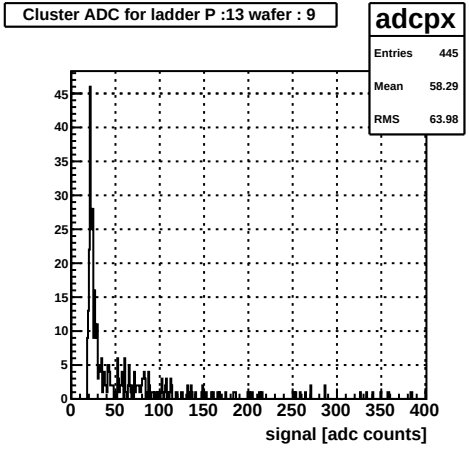

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 747
Mean 31.27
RMS 27.22
signal [adc counts]

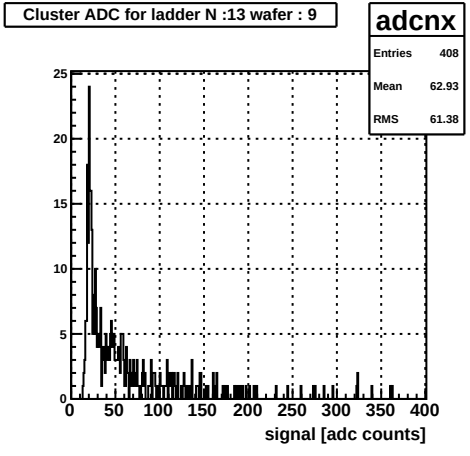

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 407
Mean 63.91
RMS 59.28
signal [adc counts]

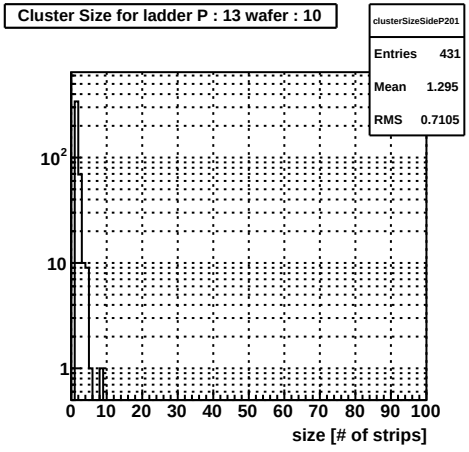

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 445
Mean 1.222
RMS 0.5425
size [# of strips]

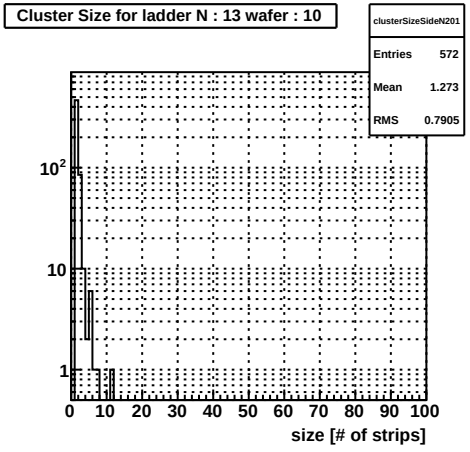

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 408
Mean 1.422
RMS 0.7757
size [# of strips]

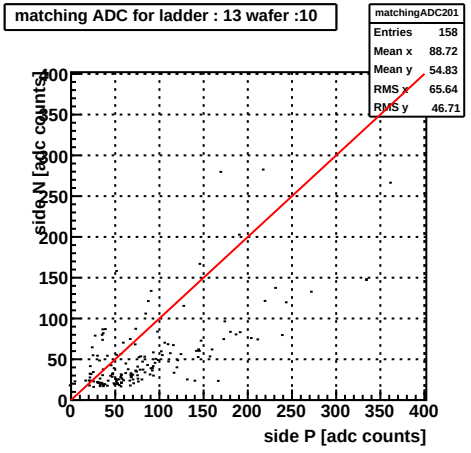

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 199
Mean x 88.37
Mean y 79.91
RMS x 71.67
RMS y 60.13
side N [adc counts]
side P [adc counts]

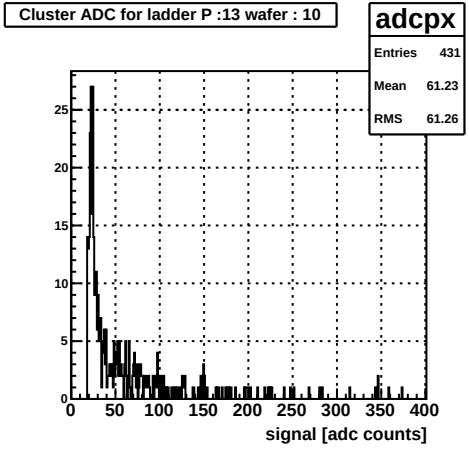

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 445
Mean 58.29
RMS 63.98
signal [adc counts]

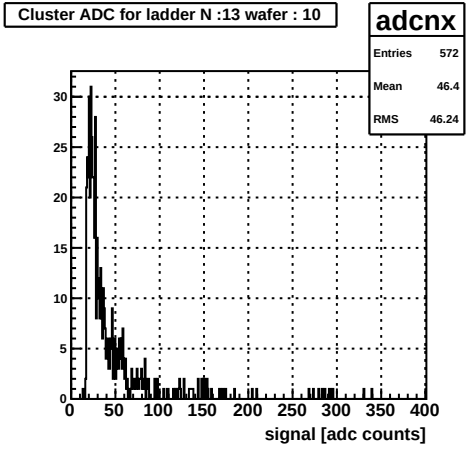

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 408
Mean 62.93
RMS 61.38
signal [adc counts]

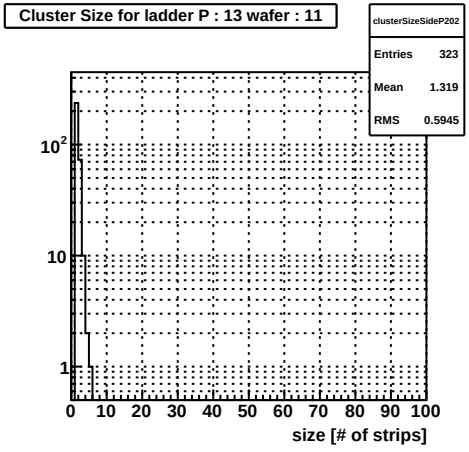

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 431
Mean 1.295
RMS 0.7105
size [# of strips]

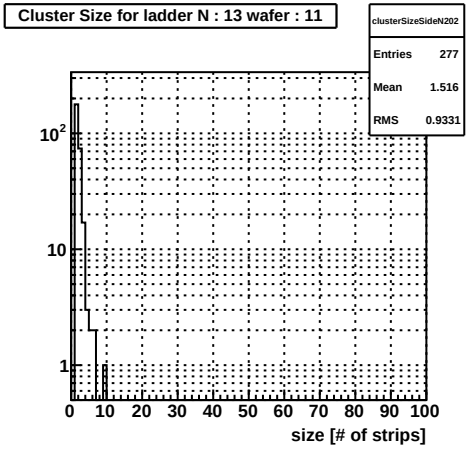

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 572
Mean 1.273
RMS 0.7905
size [# of strips]

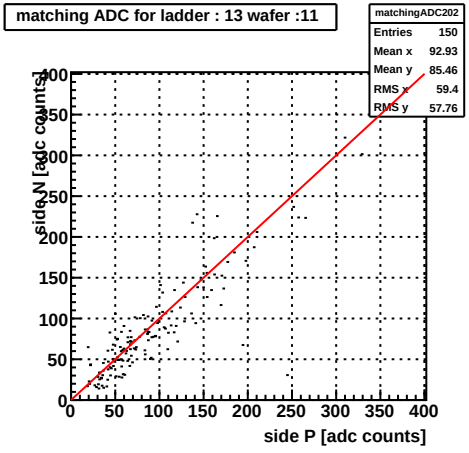

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 158
Mean x 88.72
Mean y 54.83
RMS x 65.64
RMS y 46.71
side N [adc counts]
side P [adc counts]

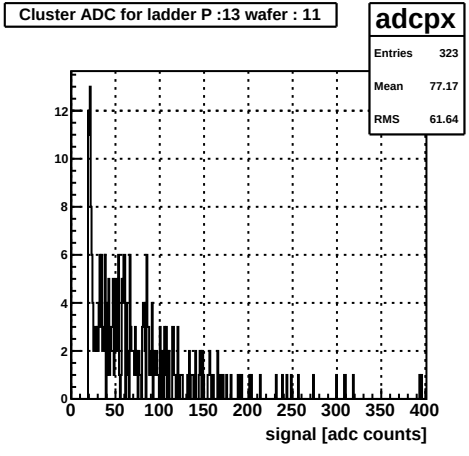

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 431
Mean 61.23
RMS 61.26
signal [adc counts]

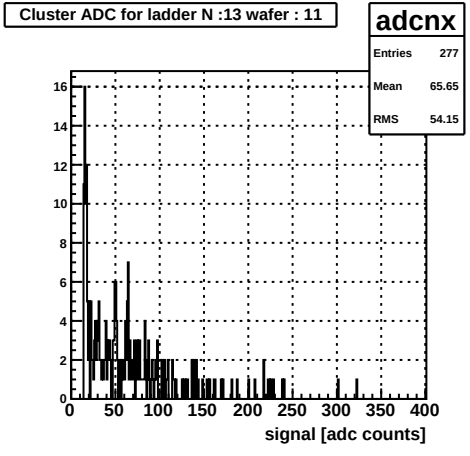

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 572
Mean 46.4
RMS 46.24
signal [adc counts]

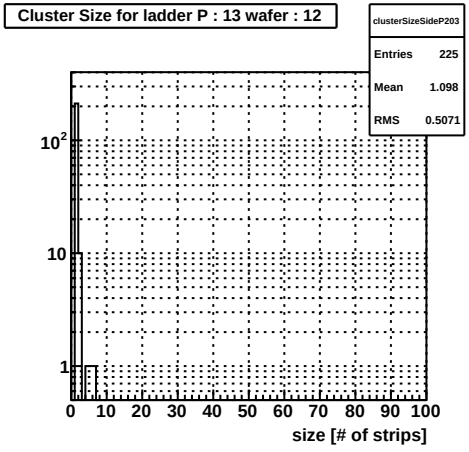

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 323
Mean 1.319
RMS 0.5945
size [# of strips]

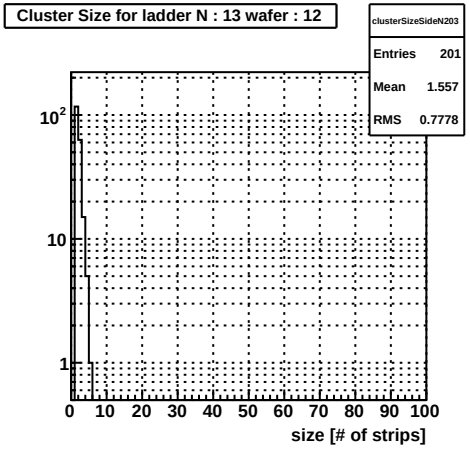

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 277
Mean 1.516
RMS 0.9331
size [# of strips]

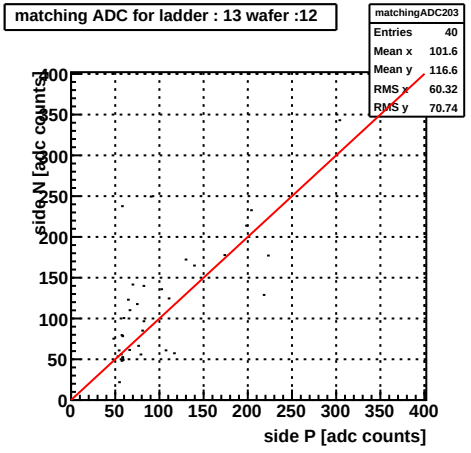

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 150
Mean x 92.93
Mean y 85.46
RMS x 59.4
RMS y 57.76
side N [adc counts]
side P [adc counts]

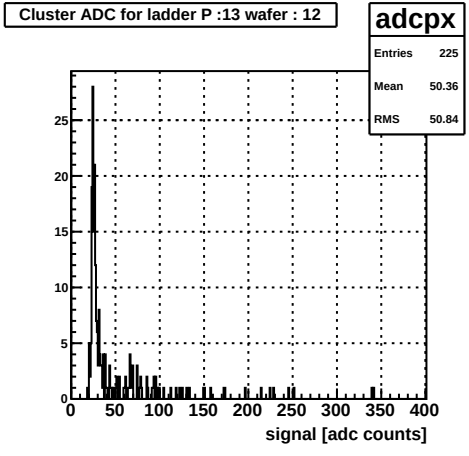

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 323
Mean 77.17
RMS 61.64
signal [adc counts]

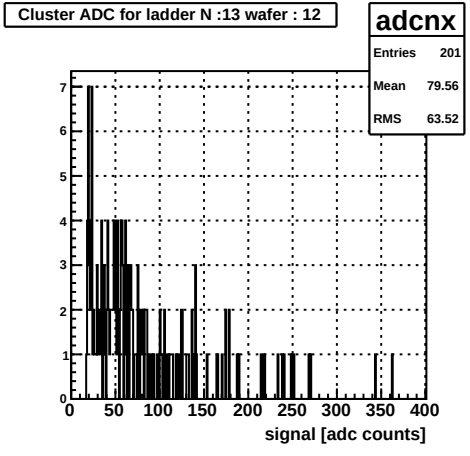

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 277
Mean 65.65
RMS 54.15
signal [adc counts]

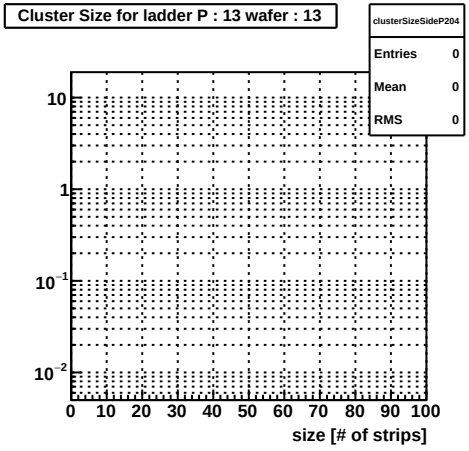

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 225
Mean 1.098
RMS 0.5071
size [# of strips]

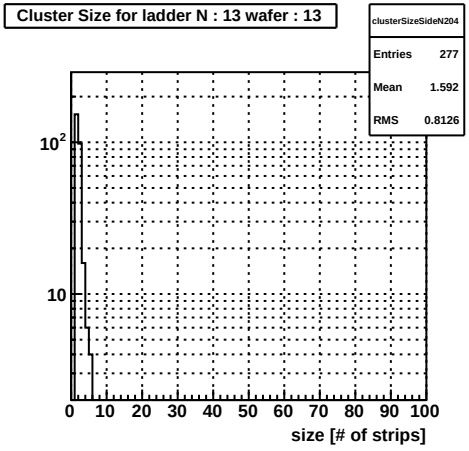

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 201
Mean 1.557
RMS 0.7778
size [# of strips]

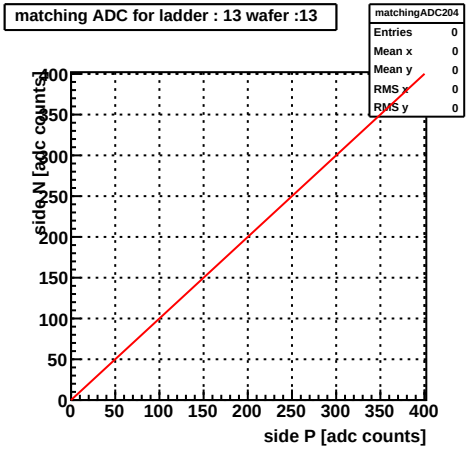

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 40
Mean x 101.6
Mean y 116.6
RMS x 60.32
RMS y 70.74
side N [adc counts]
side P [adc counts]

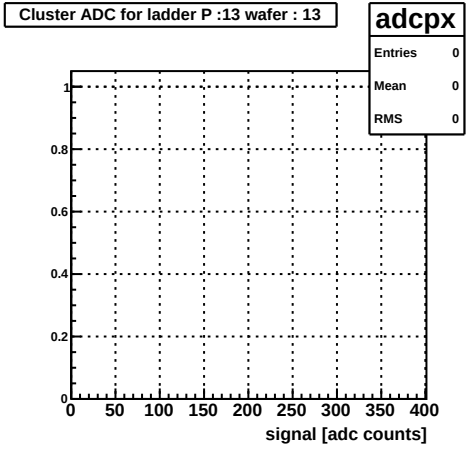

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 225
Mean 50.36
RMS 50.84
signal [adc counts]

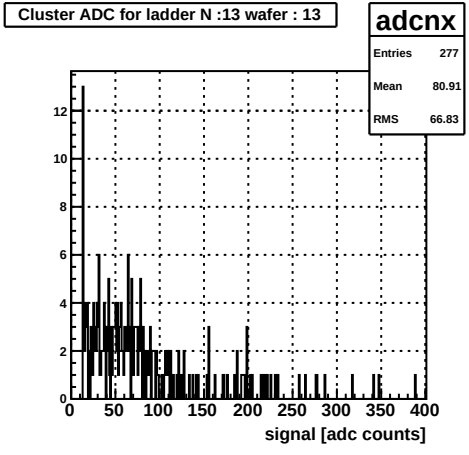

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 201
Mean 79.56
RMS 63.52
signal [adc counts]

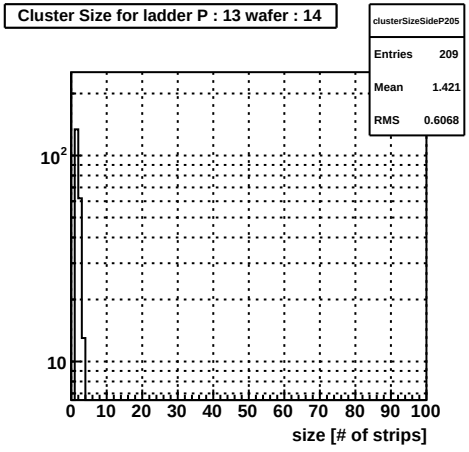

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

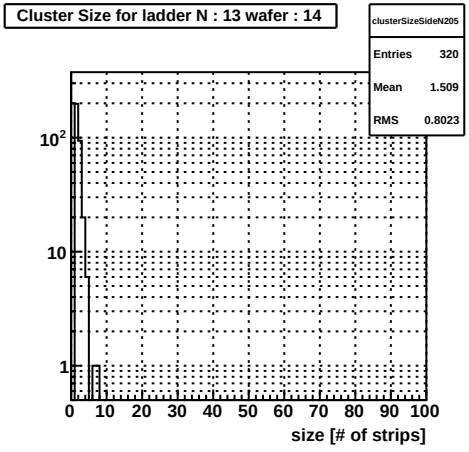

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 277
Mean 1.592
RMS 0.8126
size [# of strips]

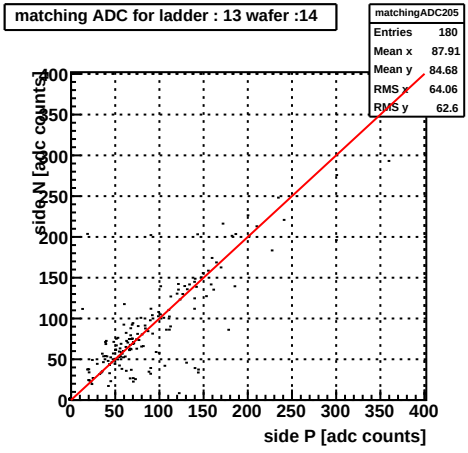

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

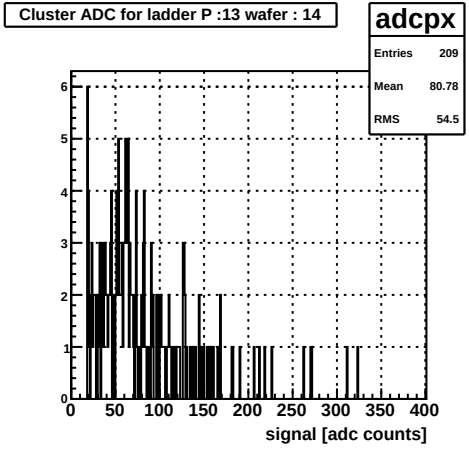

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

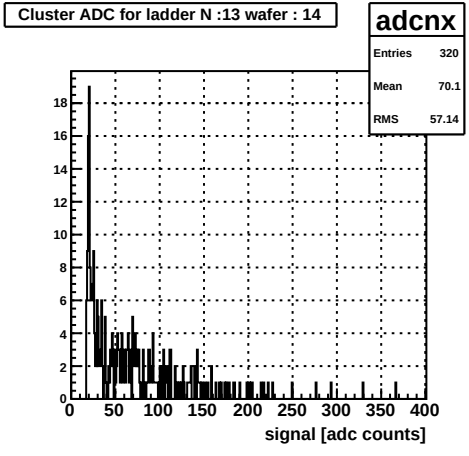

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 277
Mean 80.91
RMS 66.83
signal [adc counts]

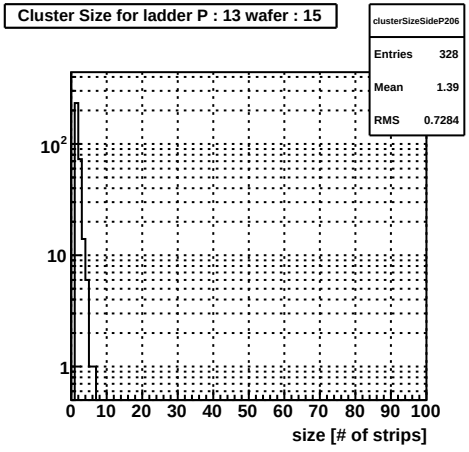

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 209
Mean 1.421
RMS 0.6068
size [# of strips]

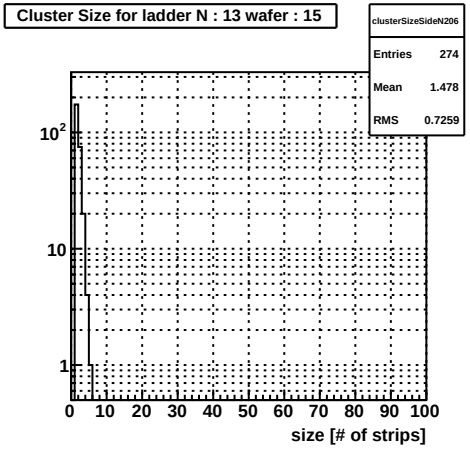

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 320
Mean 1.509
RMS 0.8023
size [# of strips]

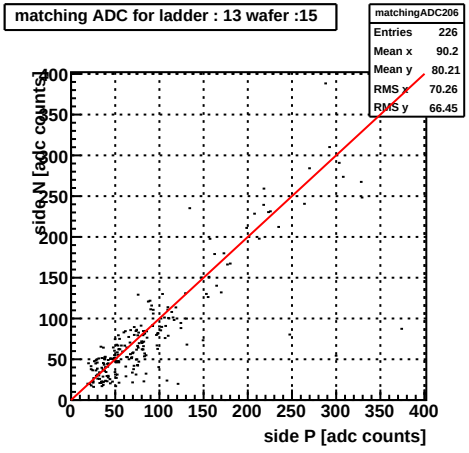

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 180
Mean x 87.91
Mean y 84.68
RMS x 64.06
RMS y 62.6
side N [adc counts]
side P [adc counts]

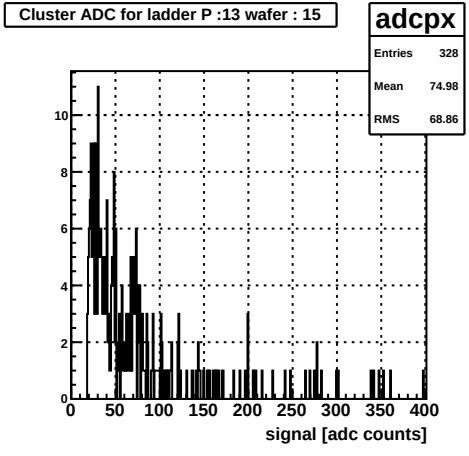

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 209
Mean 80.78
RMS 54.5
signal [adc counts]

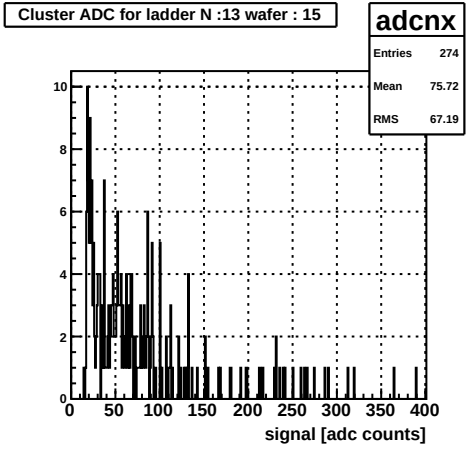

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 320
Mean 70.1
RMS 57.14
signal [adc counts]

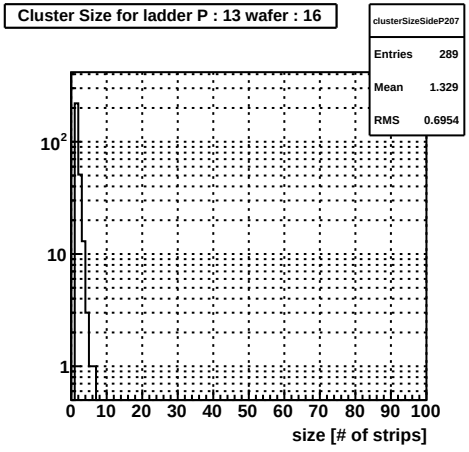

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 328
Mean 1.39
RMS 0.7284
size [# of strips]

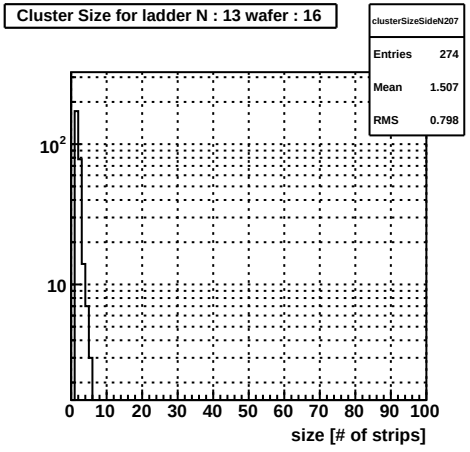

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 274
Mean 1.478
RMS 0.7259
size [# of strips]

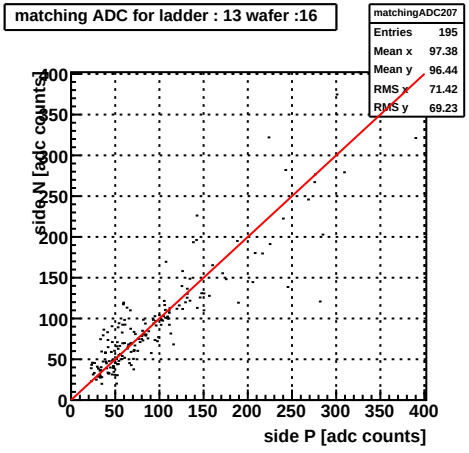

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 226
Mean x 90.2
Mean y 80.21
RMS x 70.26
RMS y 66.45
side N [adc counts]
side P [adc counts]

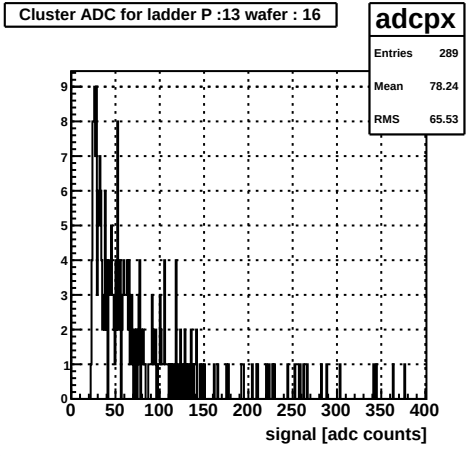

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 328
Mean 74.98
RMS 68.86
signal [adc counts]

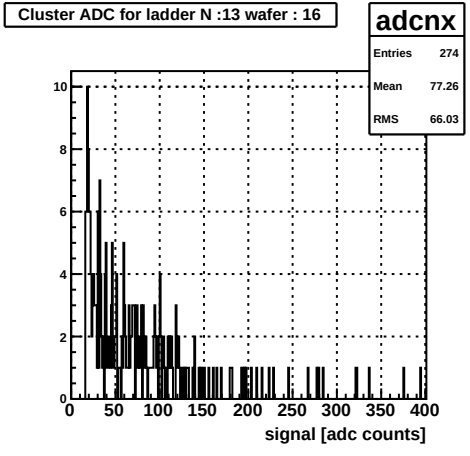

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 274
Mean 75.72
RMS 67.19
signal [adc counts]

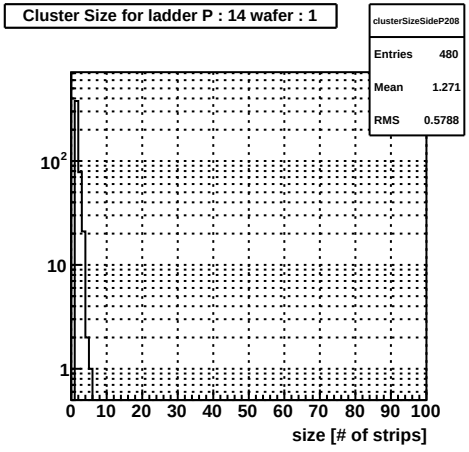

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 289
Mean 1.329
RMS 0.6954
size [# of strips]

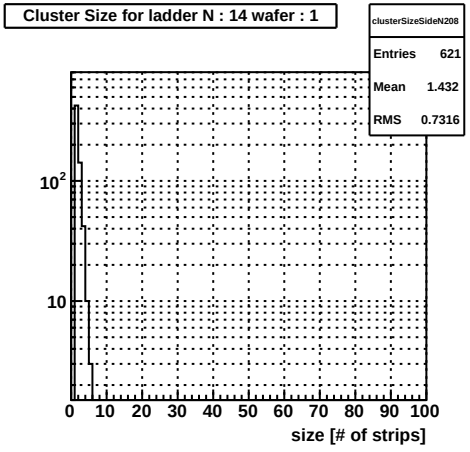

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 274
Mean 1.507
RMS 0.798
size [# of strips]

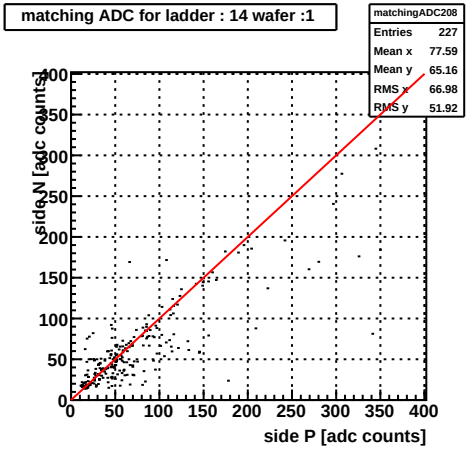

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 195
Mean x 97.38
Mean y 96.44
RMS x 71.42
RMS y 69.23
side N [adc counts]
side P [adc counts]

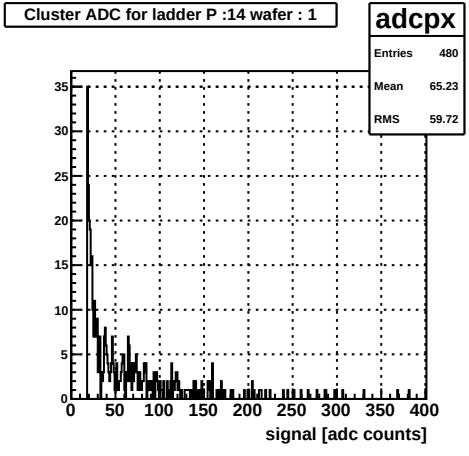

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 289
Mean 78.24
RMS 65.53
signal [adc counts]

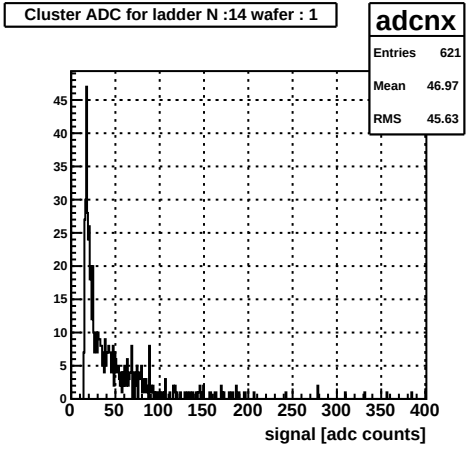

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 274
Mean 77.26
RMS 66.03
signal [adc counts]

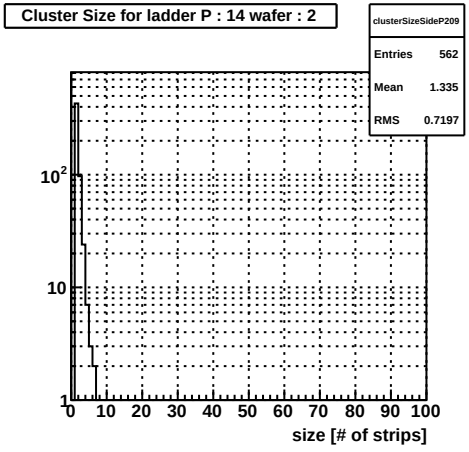

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 480
Mean 1.271
RMS 0.5788
size [# of strips]

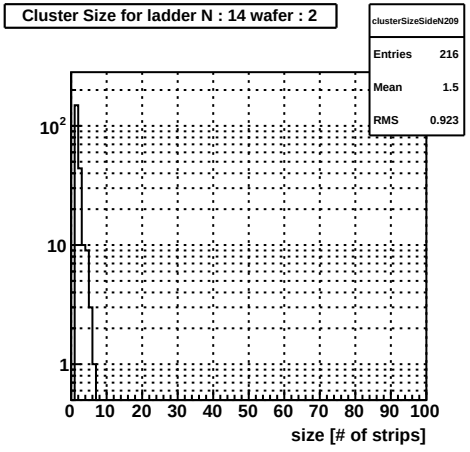

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 621
Mean 1.432
RMS 0.7316
size [# of strips]

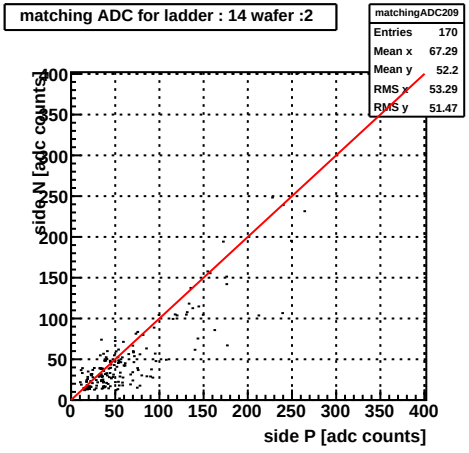

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 227
Mean x 77.59
Mean y 65.16
RMS x 66.98
RMS y 51.92
side N [adc counts]
side P [adc counts]

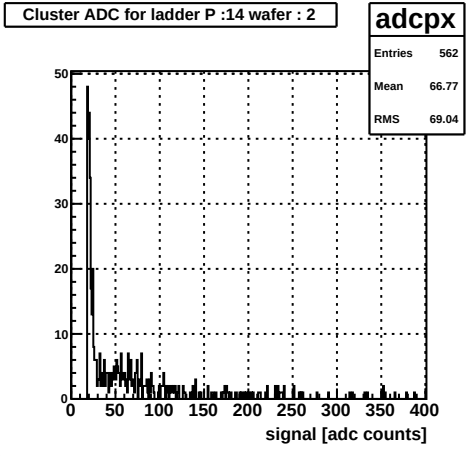

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 480
Mean 65.23
RMS 59.72
signal [adc counts]

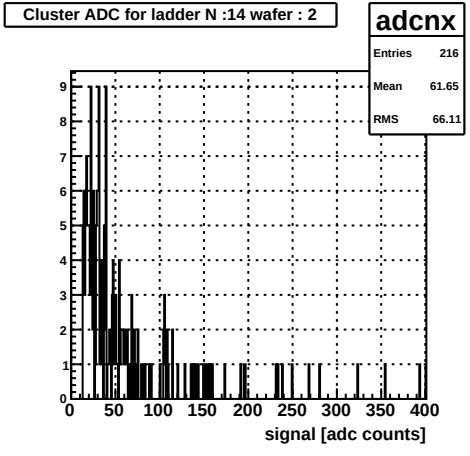

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 621
Mean 46.97
RMS 45.63
signal [adc counts]

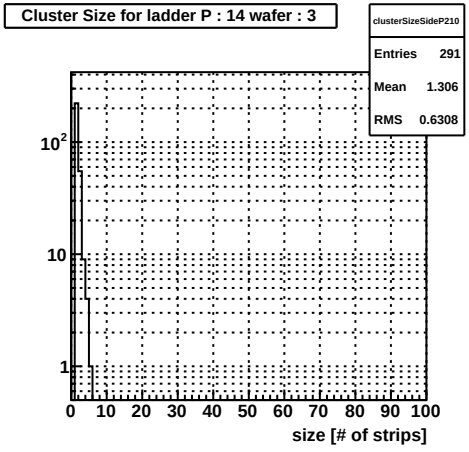

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 562
Mean 1.335
RMS 0.7197
size [# of strips]

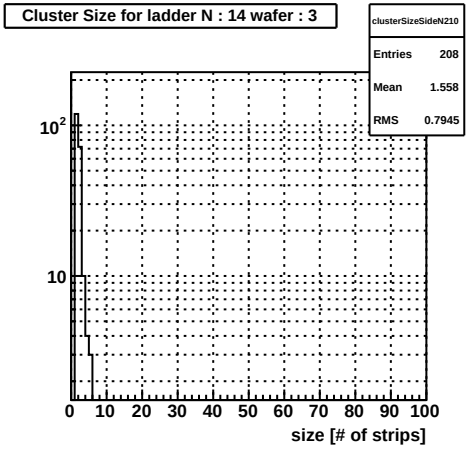

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 216
Mean 1.5
RMS 0.923
size [# of strips]

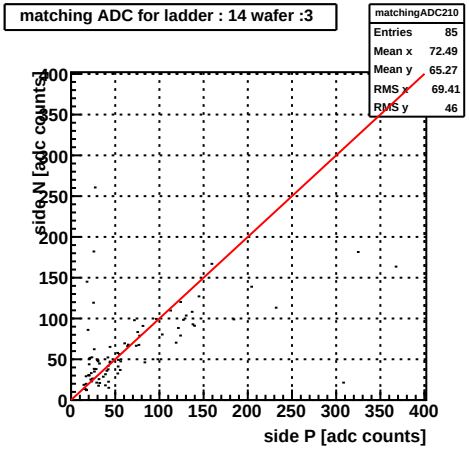

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 170
Mean x 67.29
Mean y 52.2
RMS x 53.29
RMS y 51.47
side N [adc counts]
side P [adc counts]

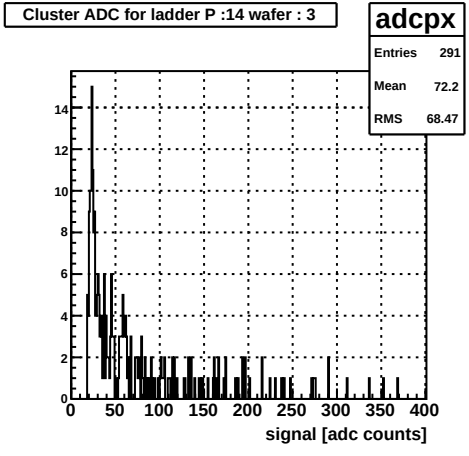

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 562
Mean 66.77
RMS 69.04
signal [adc counts]

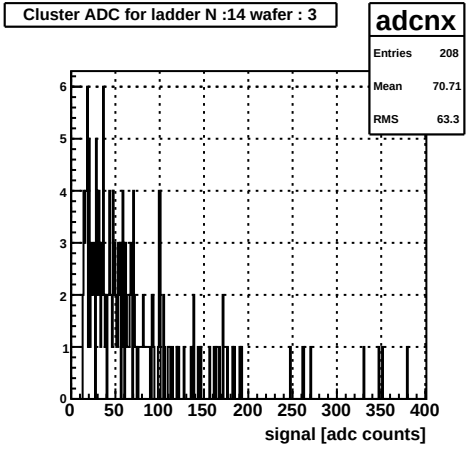

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 216
Mean 61.65
RMS 66.11
signal [adc counts]

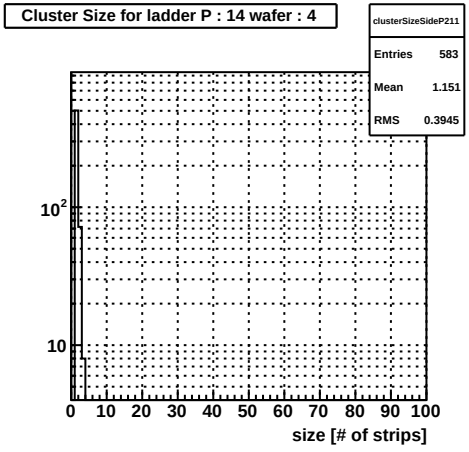

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 291
Mean 1.306
RMS 0.6308
size [# of strips]

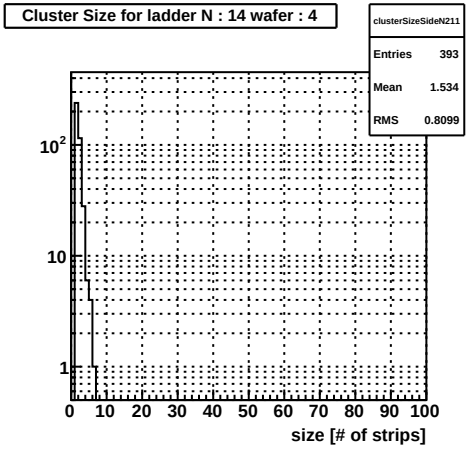

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 208
Mean 1.558
RMS 0.7945
size [# of strips]

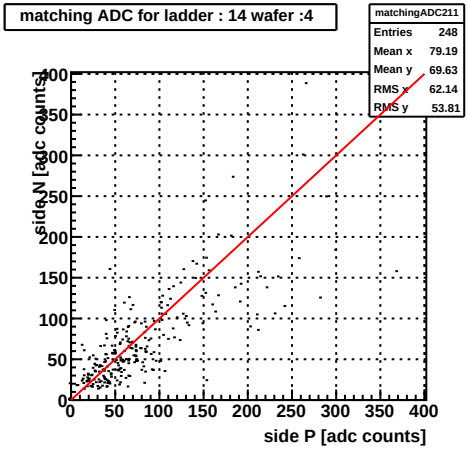

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 85
Mean x 72.49
Mean y 65.27
RMS x 69.41
RMS y 46
side N [adc counts]
side P [adc counts]

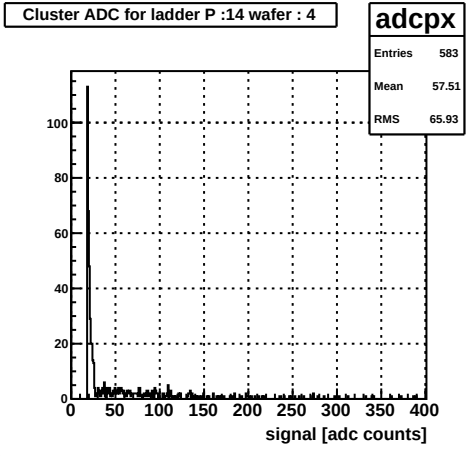

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 291
Mean 72.2
RMS 68.47
signal [adc counts]

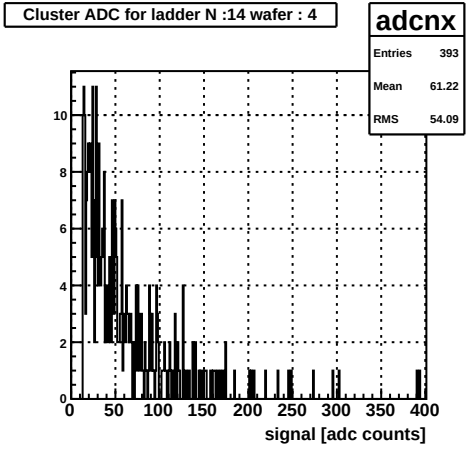

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 208
Mean 70.71
RMS 63.3
signal [adc counts]

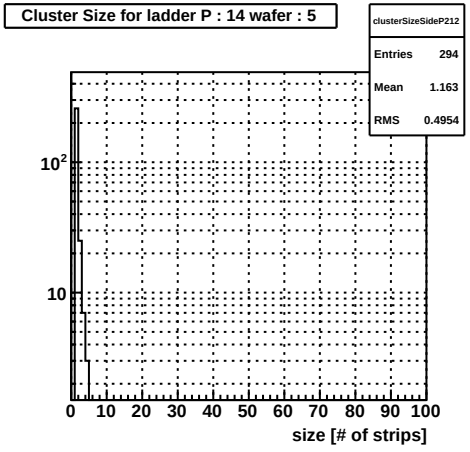

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 583
Mean 1.151
RMS 0.3945
size [# of strips]

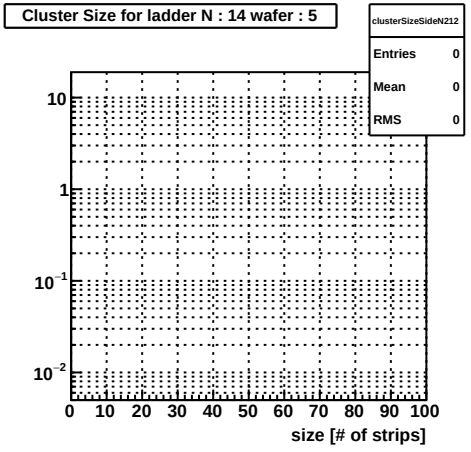

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 393
Mean 1.534
RMS 0.8099
size [# of strips]

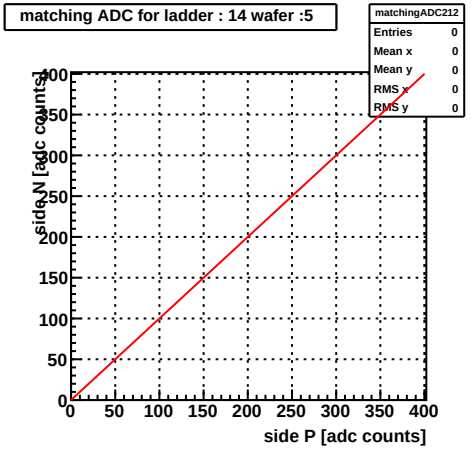

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 248
Mean x 79.19
Mean y 69.63
RMS x 62.14
RMS y 53.81
side N [adc counts]
side P [adc counts]

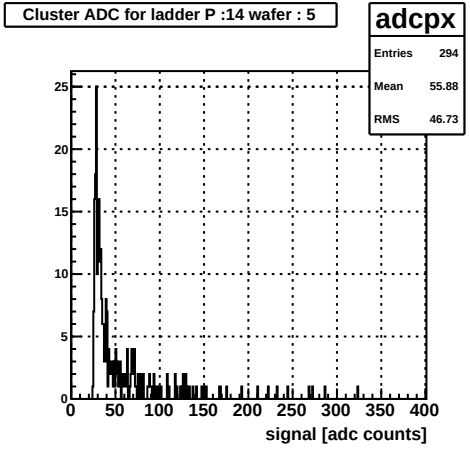

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 583
Mean 57.51
RMS 65.93
signal [adc counts]

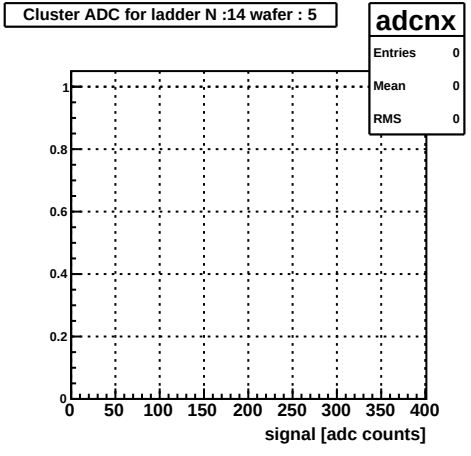

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 393
Mean 61.22
RMS 54.09
signal [adc counts]

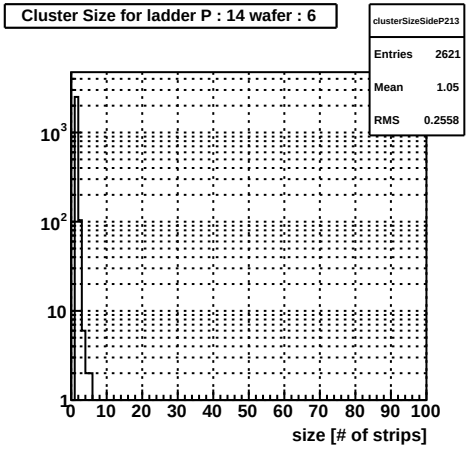

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 294
Mean 1.163
RMS 0.4954
size [# of strips]

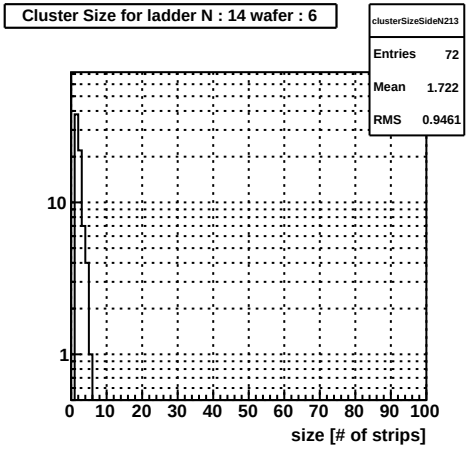

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

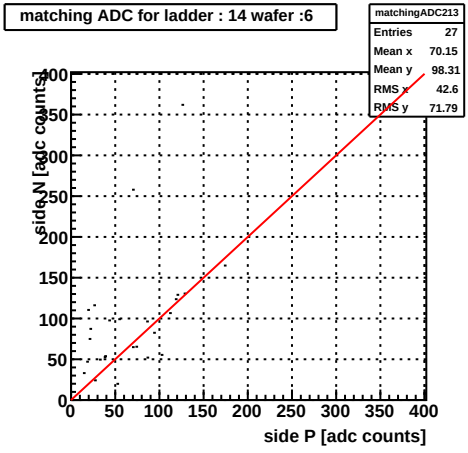

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

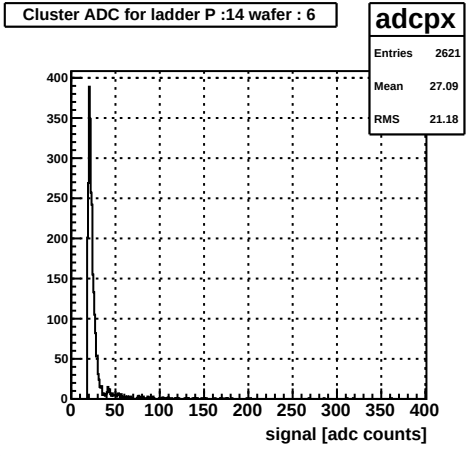

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 294
Mean 55.88
RMS 46.73
signal [adc counts]

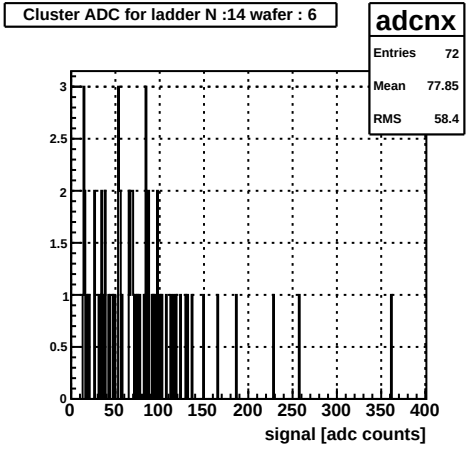

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

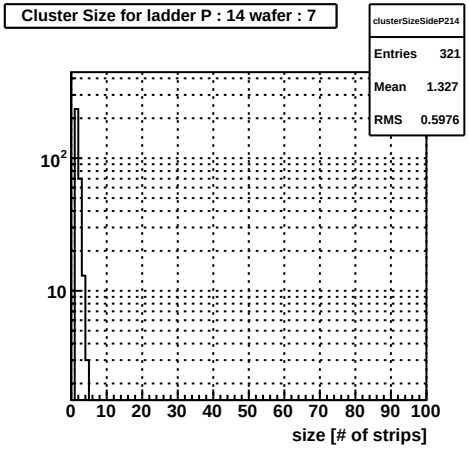

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 2621
Mean 1.05
RMS 0.2558
size [# of strips]

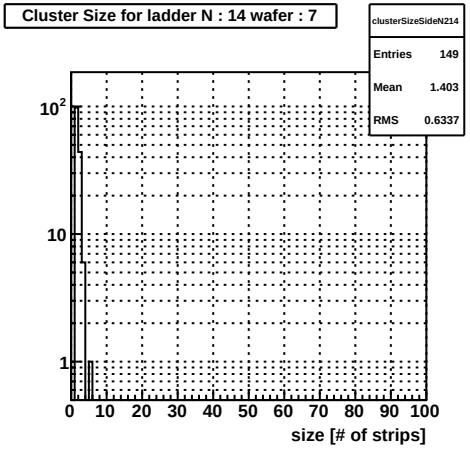

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 72
Mean 1.722
RMS 0.9461
size [# of strips]

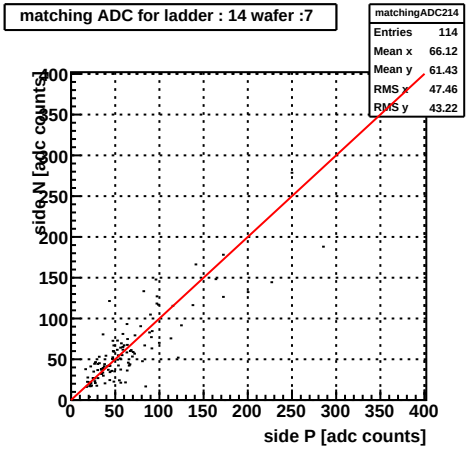

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 27
Mean x 70.15
Mean y 98.31
RMS x 42.6
RMS y 71.79
side N [adc counts]
side P [adc counts]

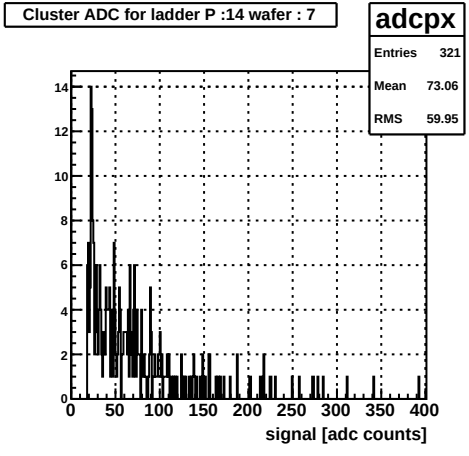

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 2621
Mean 27.09
RMS 21.18
signal [adc counts]

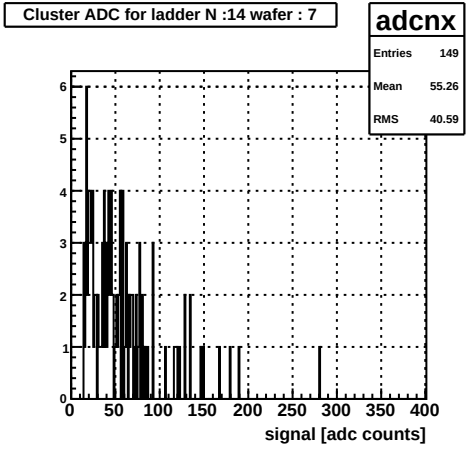

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 72
Mean 77.85
RMS 58.4
signal [adc counts]

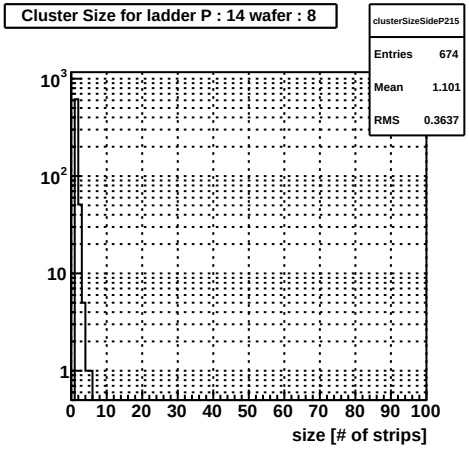

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 321
Mean 1.327
RMS 0.5976
size [# of strips]

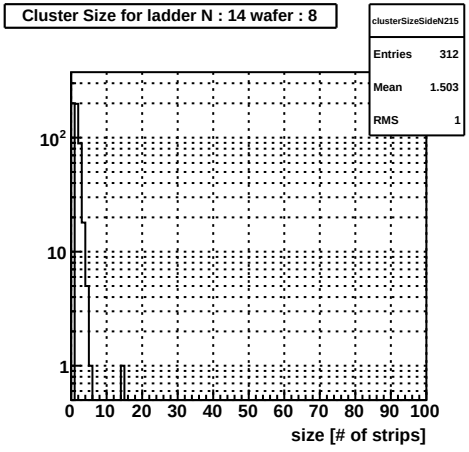

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 149
Mean 1.403
RMS 0.6337
size [# of strips]

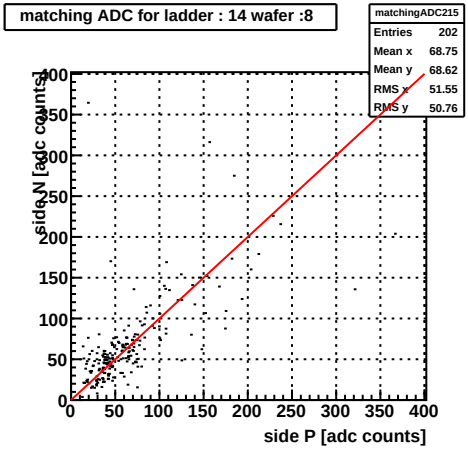

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 114
Mean x 66.12
Mean y 61.43
RMS x 47.46
RMS y 43.22
side N [adc counts]
side P [adc counts]

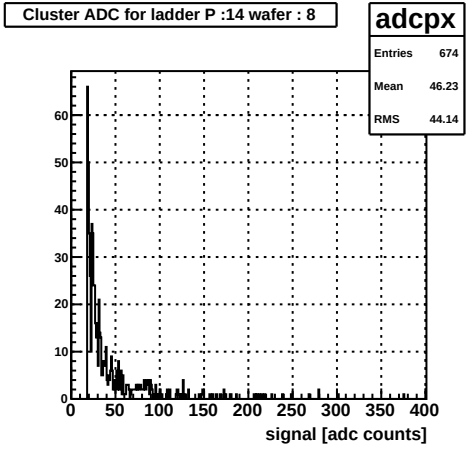

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 321
Mean 73.06
RMS 59.95
signal [adc counts]

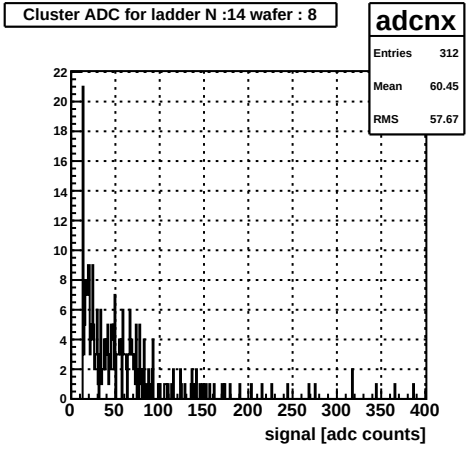

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 149
Mean 55.26
RMS 40.59
signal [adc counts]

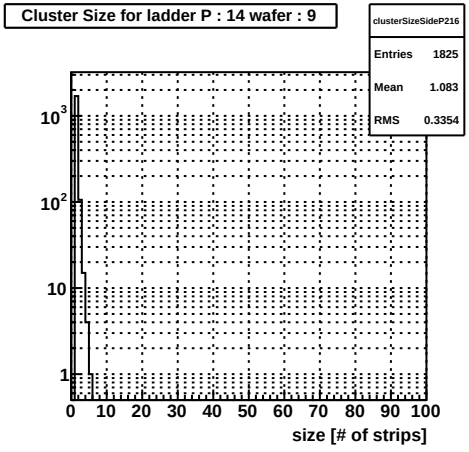

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 674
Mean 1.101
RMS 0.3637
size [# of strips]

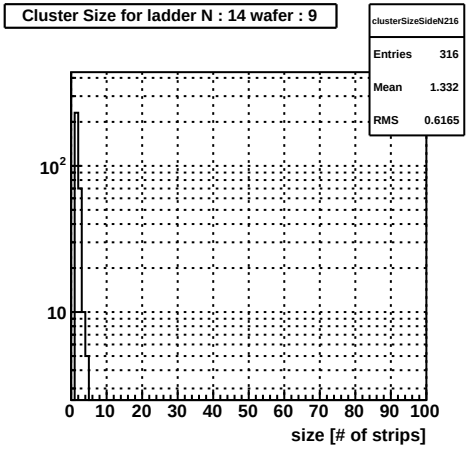

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 312
Mean 1.503
RMS 1
size [# of strips]

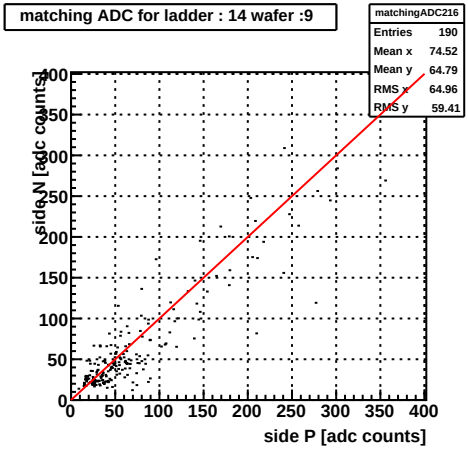

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 202
Mean x 68.75
Mean y 68.62
RMS x 51.55
RMS y 50.76
side N [adc counts]
side P [adc counts]

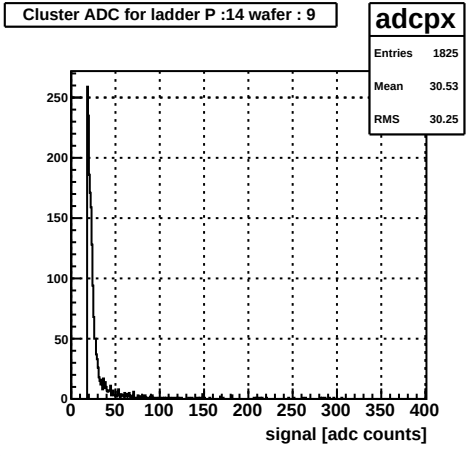

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 674
Mean 46.23
RMS 44.14
signal [adc counts]

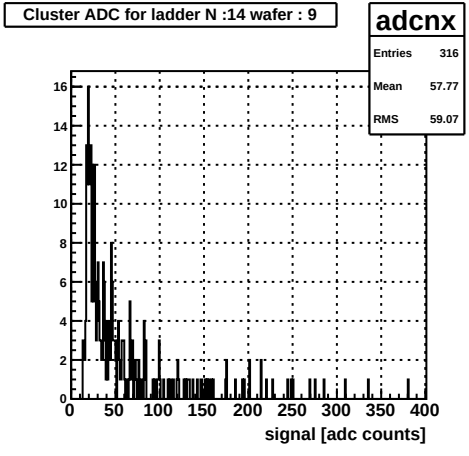

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 312
Mean 60.45
RMS 57.67
signal [adc counts]

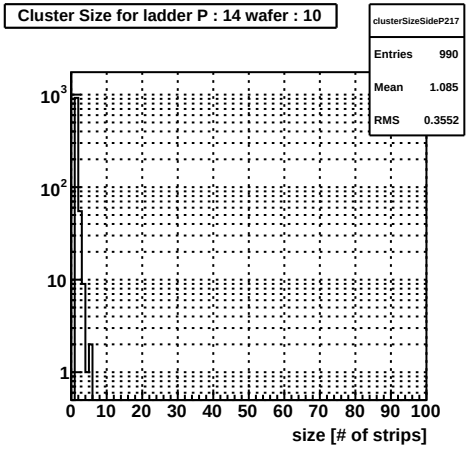

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 1825
Mean 1.083
RMS 0.3354
size [# of strips]

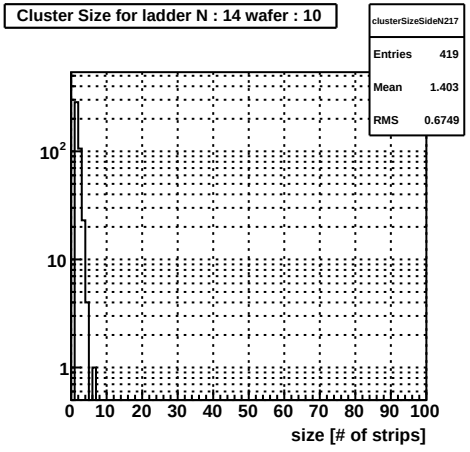

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 316
Mean 1.332
RMS 0.6165
size [# of strips]

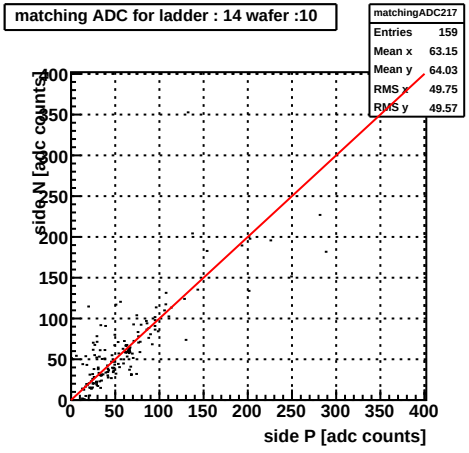

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 190
Mean x 74.52
Mean y 64.79
RMS x 64.96
RMS y 59.41
side N [adc counts]
side P [adc counts]

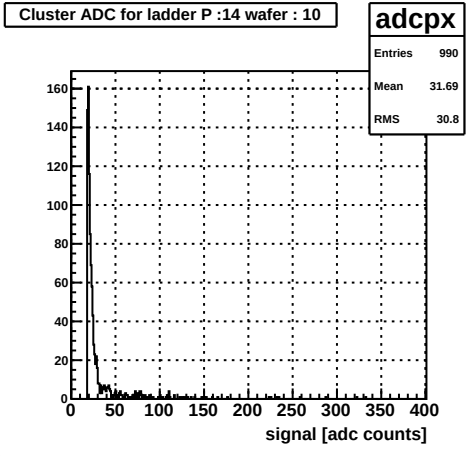

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 1825
Mean 30.53
RMS 30.25
signal [adc counts]

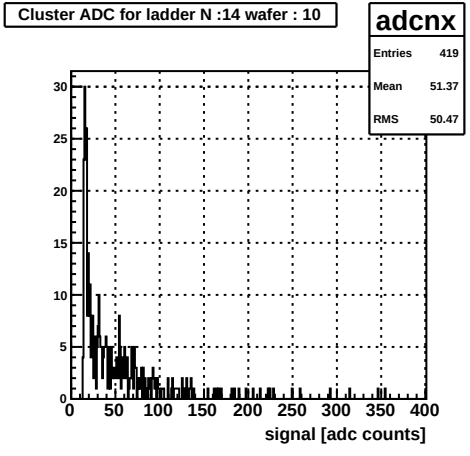

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 316
Mean 57.77
RMS 59.07
signal [adc counts]

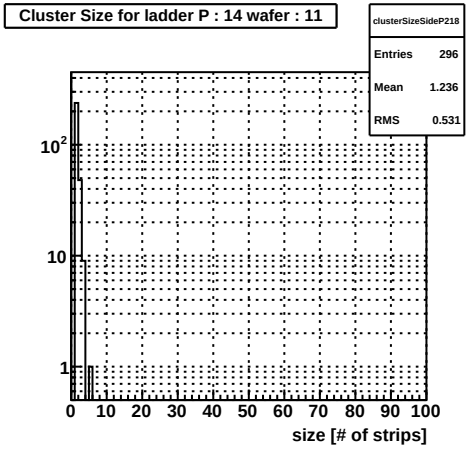

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 990
Mean 1.085
RMS 0.3552
size [# of strips]

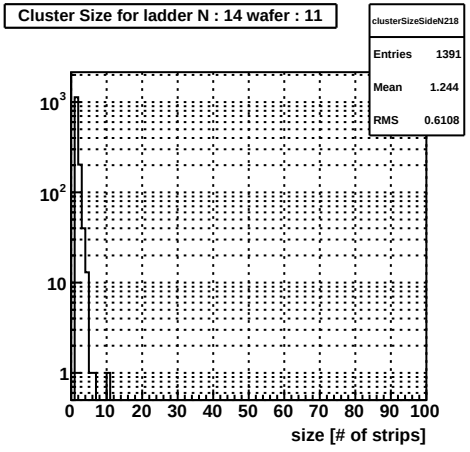

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 419
Mean 1.403
RMS 0.6749
size [# of strips]

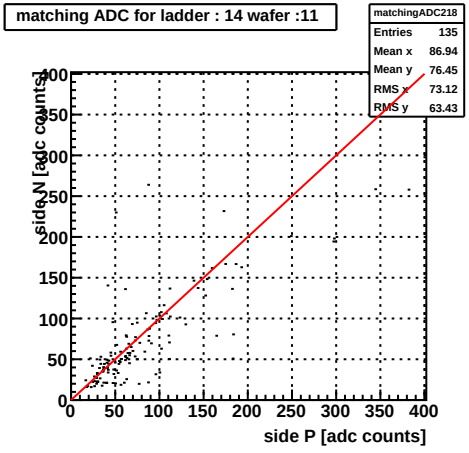

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 159
Mean x 63.15
Mean y 64.03
RMS x 49.75
RMS y 49.57
side N [adc counts]
side P [adc counts]

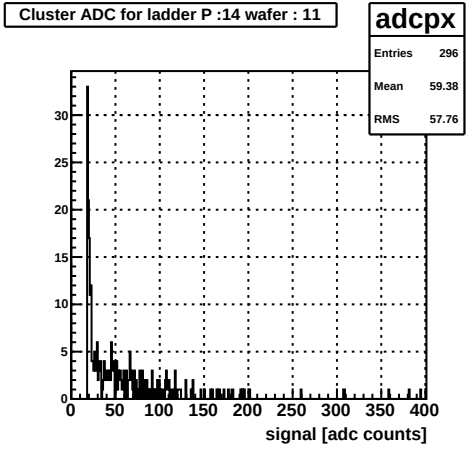

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 990
Mean 31.69
RMS 30.8
signal [adc counts]

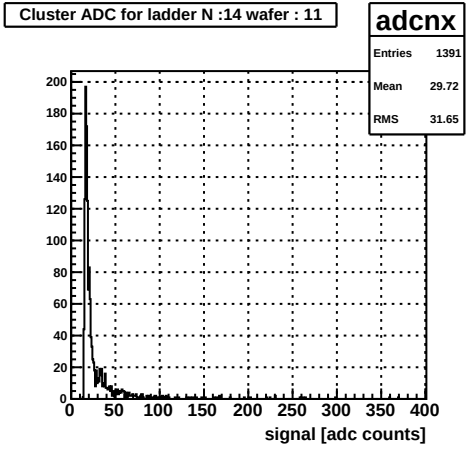

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 419
Mean 51.37
RMS 50.47
signal [adc counts]

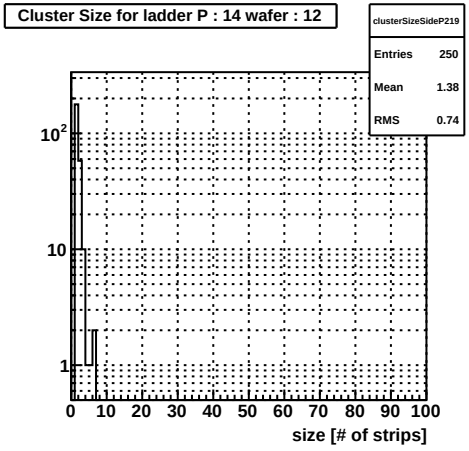

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 296
Mean 1.236
RMS 0.531
size [# of strips]

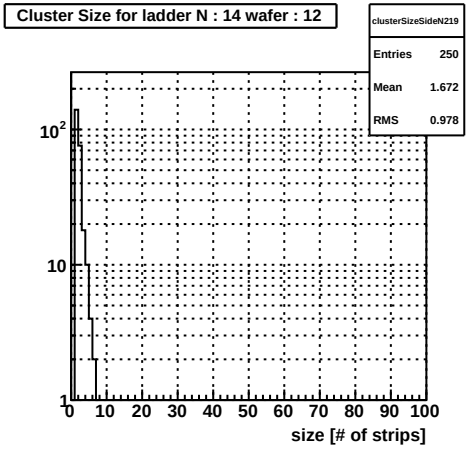

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 1391
Mean 1.244
RMS 0.6108
size [# of strips]

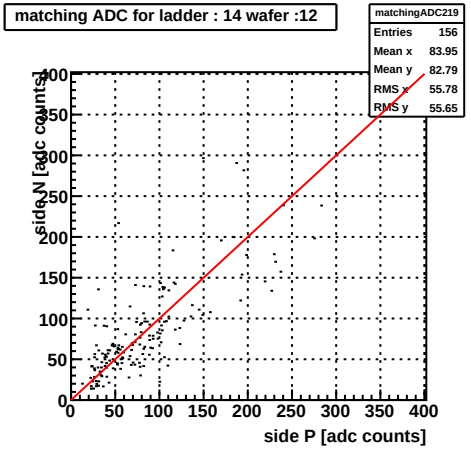

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 135
Mean x 86.94
Mean y 76.45
RMS x 73.12
RMS y 63.43
side N [adc counts]
side P [adc counts]

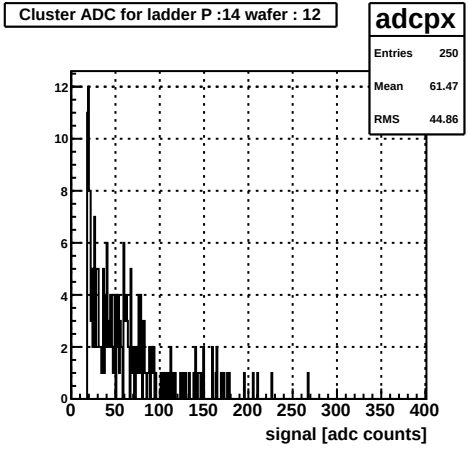

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 296
Mean 59.38
RMS 57.76
signal [adc counts]

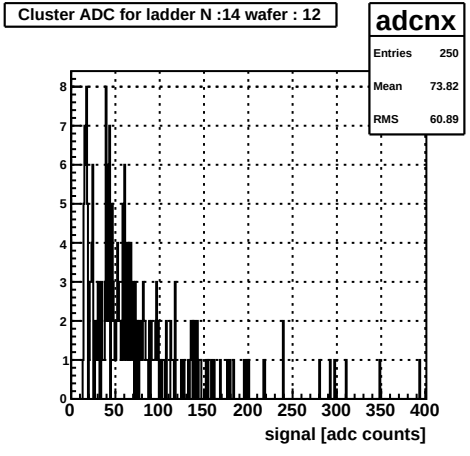

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 1391
Mean 29.72
RMS 31.65
signal [adc counts]

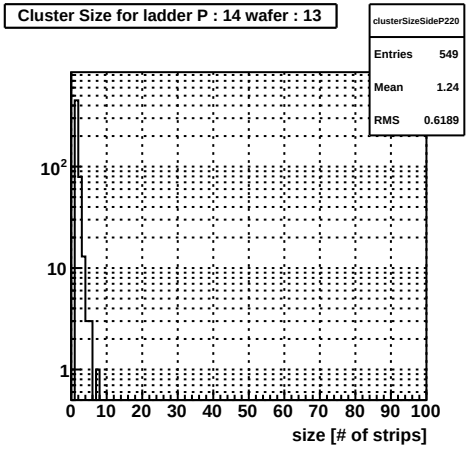

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 250
Mean 1.38
RMS 0.74
size [# of strips]

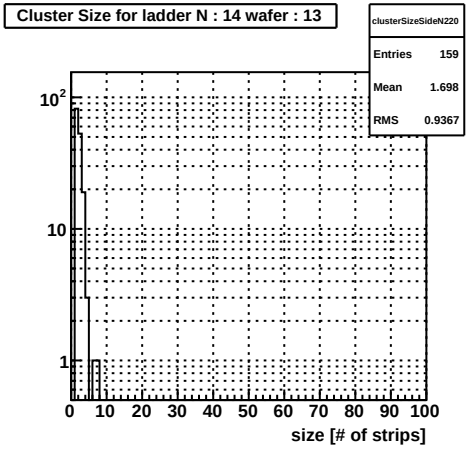

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 250
Mean 1.672
RMS 0.978
size [# of strips]

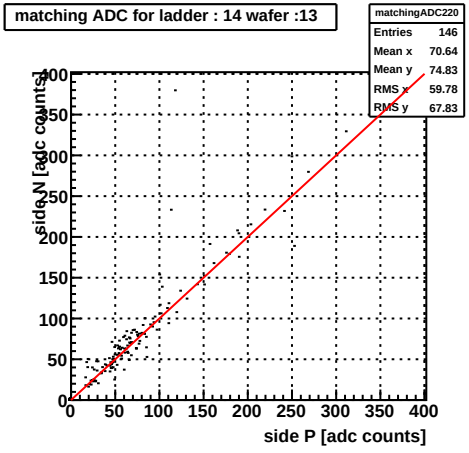

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 156
Mean x 83.95
Mean y 82.79
RMS x 55.78
RMS y 55.65
side N [adc counts]
side P [adc counts]

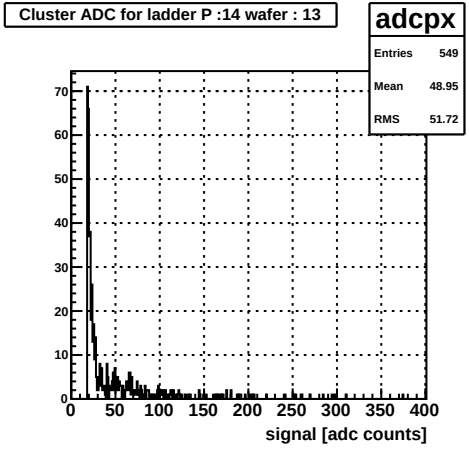

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 250
Mean 61.47
RMS 44.86
signal [adc counts]

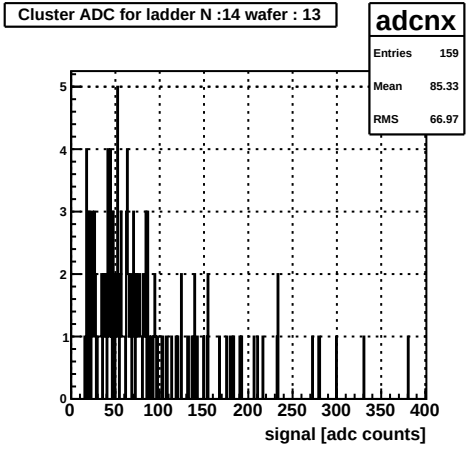

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 250
Mean 73.82
RMS 60.89
signal [adc counts]

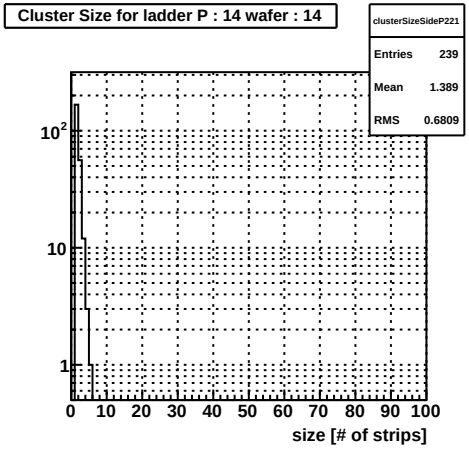

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 549
Mean 1.24
RMS 0.6189
size [# of strips]

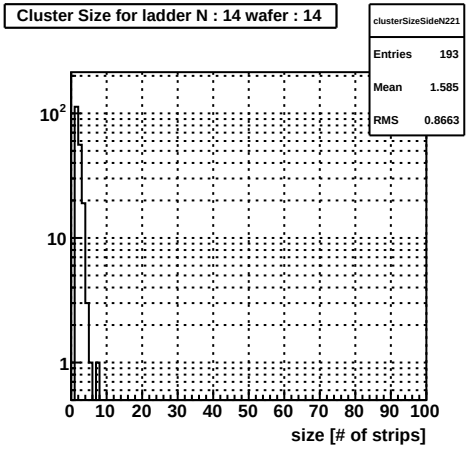

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 159
Mean 1.698
RMS 0.9367
size [# of strips]

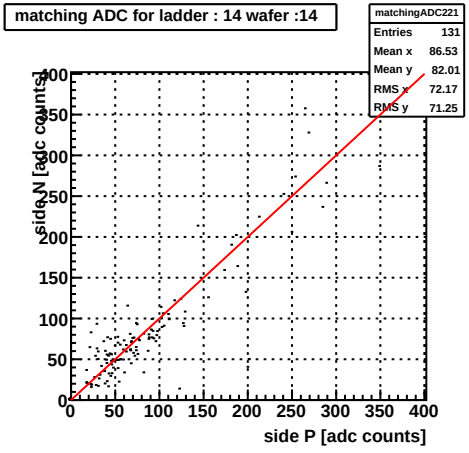

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 146
Mean x 70.64
Mean y 74.83
RMS x 59.78
RMS y 67.83
side N [adc counts]
side P [adc counts]

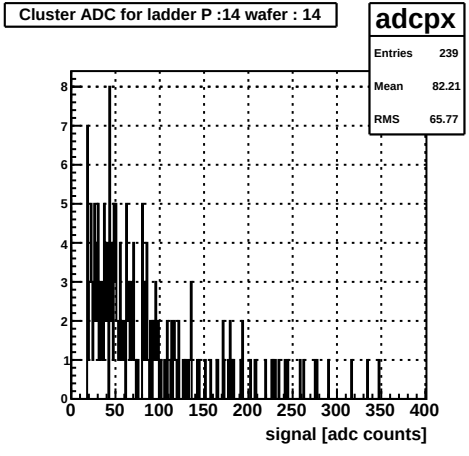

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 549
Mean 48.95
RMS 51.72
signal [adc counts]

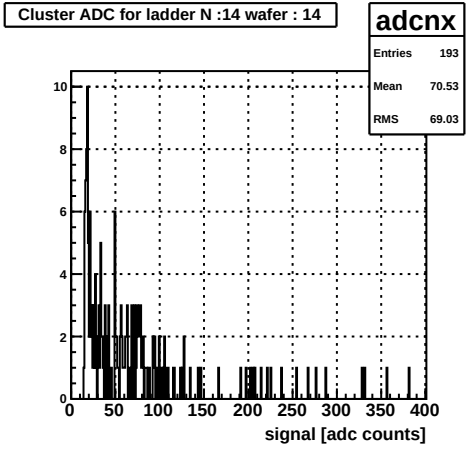

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 159
Mean 85.33
RMS 66.97
signal [adc counts]

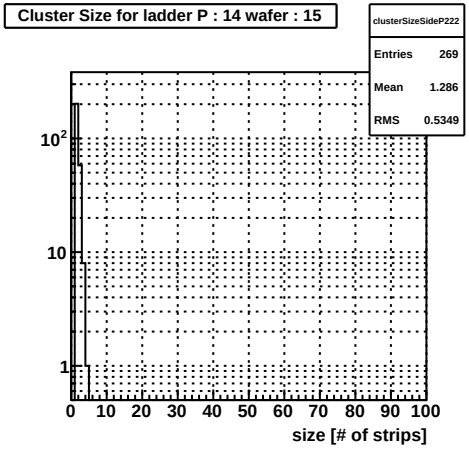

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 239
Mean 1.389
RMS 0.6809
size [# of strips]

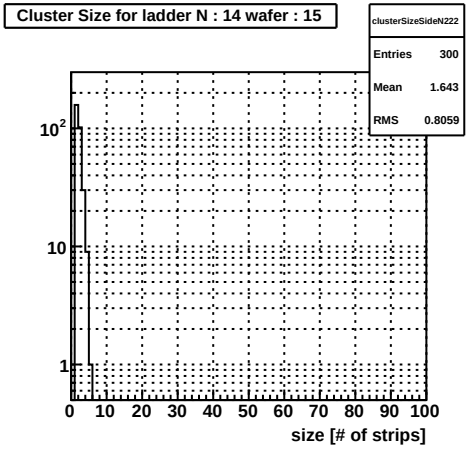

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 193
Mean 1.585
RMS 0.8663
size [# of strips]

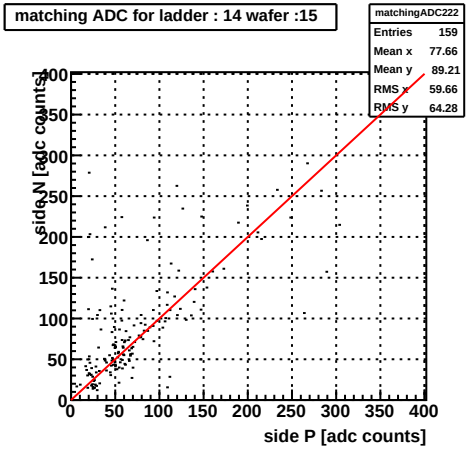

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 131
Mean x 86.53
Mean y 82.01
RMS x 72.17
RMS y 71.25
side N [adc counts]
side P [adc counts]

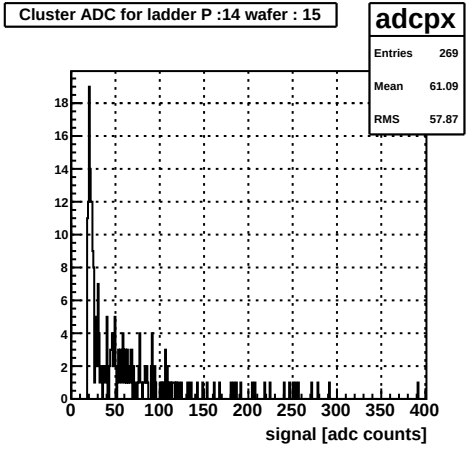

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 239
Mean 82.21
RMS 65.77
signal [adc counts]

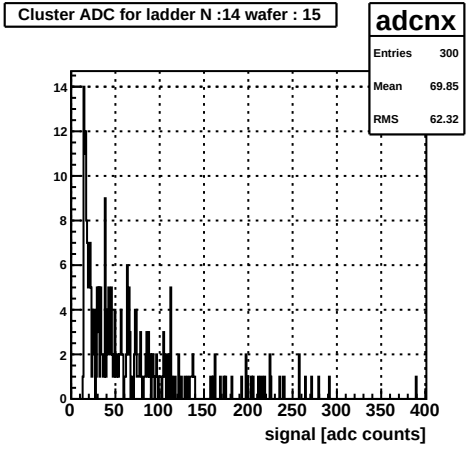

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 193
Mean 70.53
RMS 69.03
signal [adc counts]

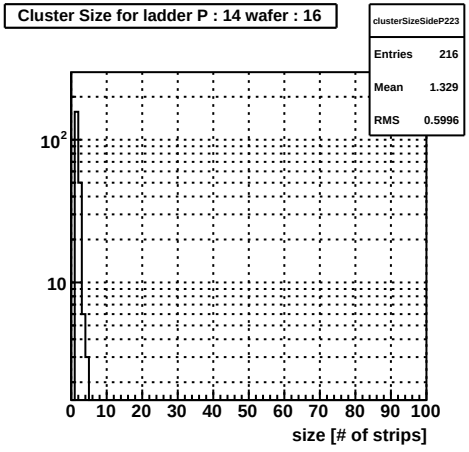

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 269
Mean 1.286
RMS 0.5349
size [# of strips]

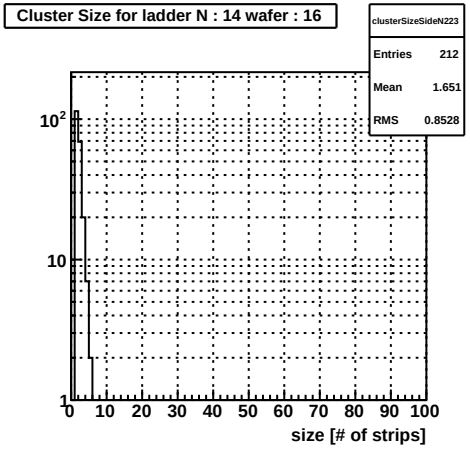

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 300
Mean 1.643
RMS 0.8059
size [# of strips]

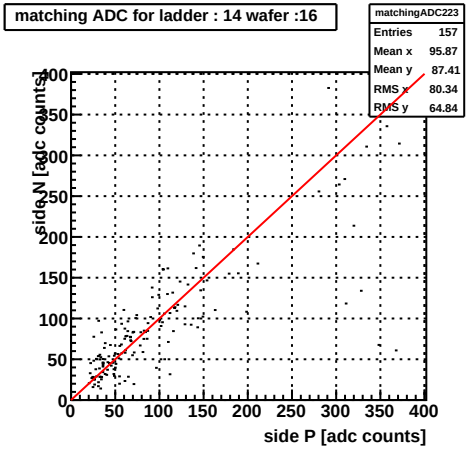

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 159
Mean x 77.66
Mean y 89.21
RMS x 59.66
RMS y 64.28
side N [adc counts]
side P [adc counts]

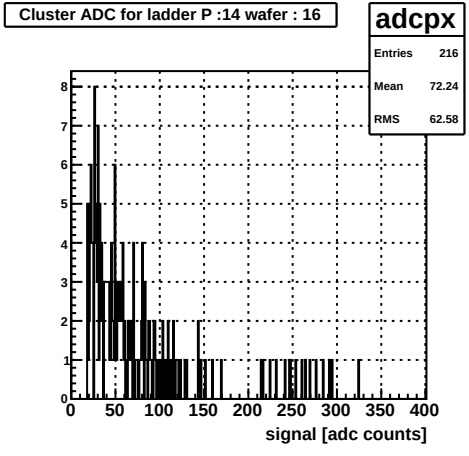

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 269
Mean 61.09
RMS 57.87
signal [adc counts]

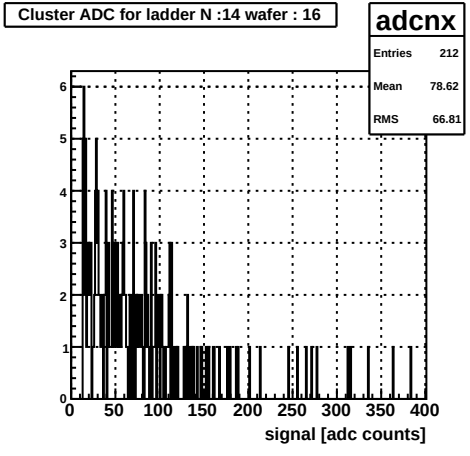

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 300
Mean 69.85
RMS 62.32
signal [adc counts]

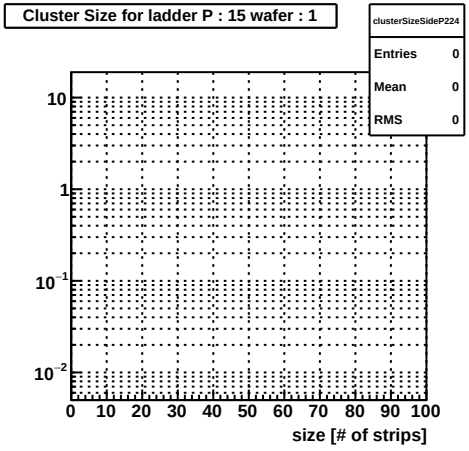

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 216
Mean 1.329
RMS 0.5996
size [# of strips]

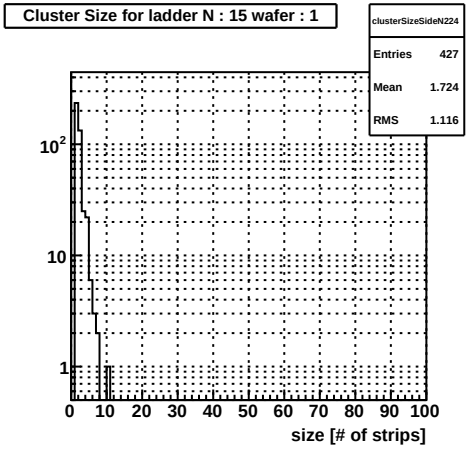

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 212
Mean 1.651
RMS 0.8528
size [# of strips]

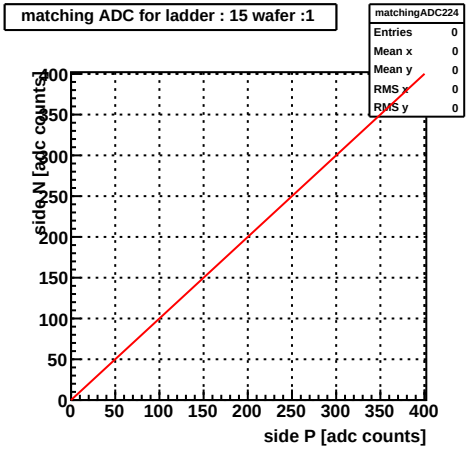

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 157
Mean x 95.87
Mean y 87.41
RMS x 80.34
RMS y 64.84
side N [adc counts]
side P [adc counts]

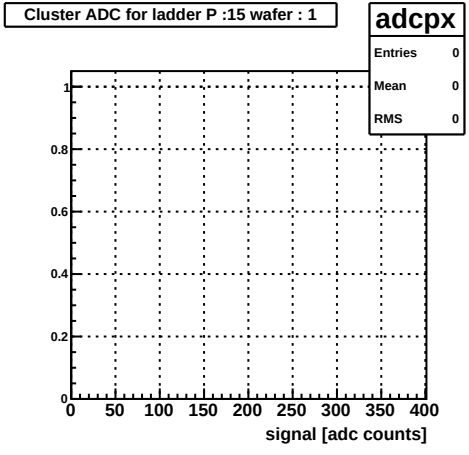

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 216
Mean 72.24
RMS 62.58
signal [adc counts]

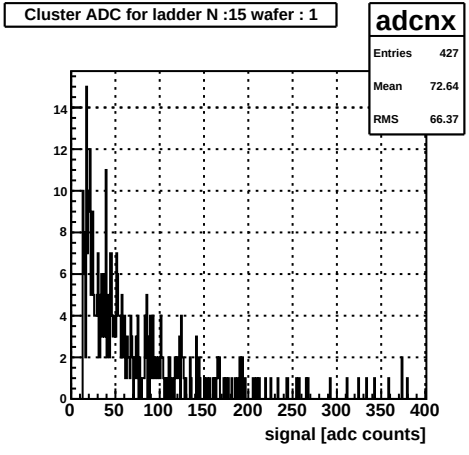

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 212
Mean 78.62
RMS 66.81
signal [adc counts]

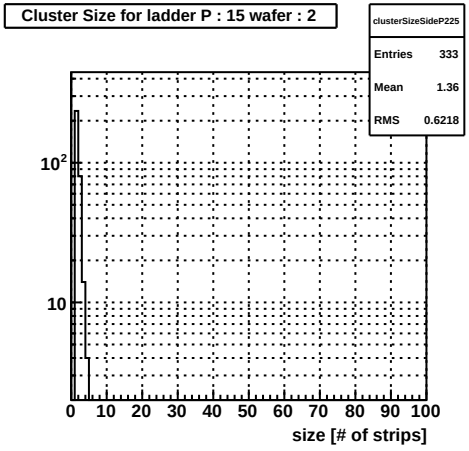

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

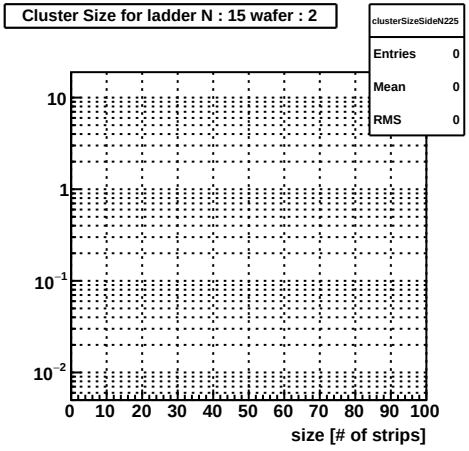

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 427
Mean 1.724
RMS 1.116
size [# of strips]

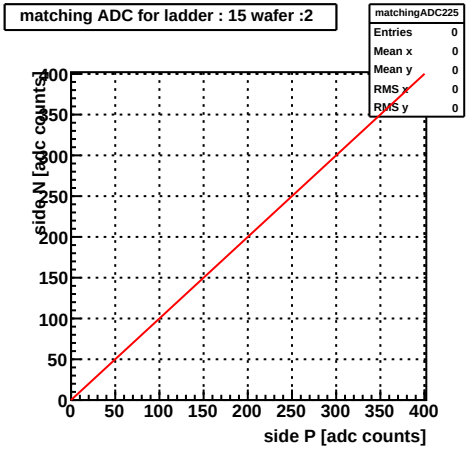

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

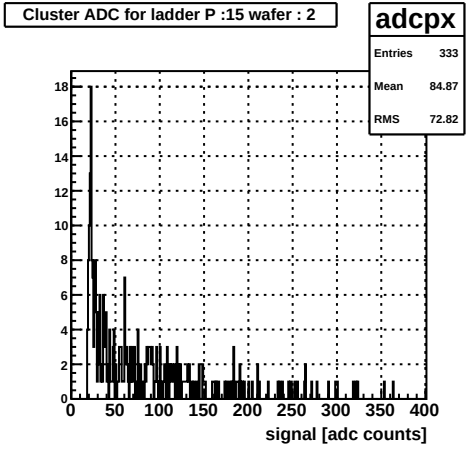

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

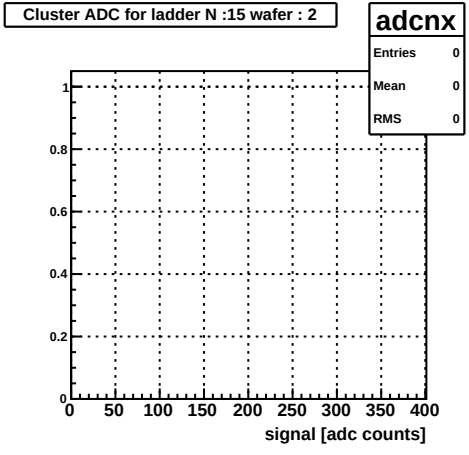

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 427
Mean 72.64
RMS 66.37
signal [adc counts]

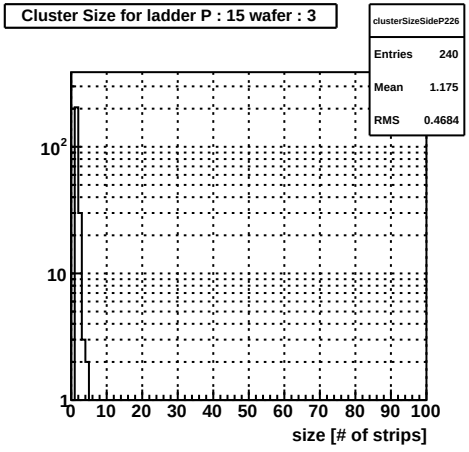

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 333
Mean 1.36
RMS 0.6218
size [# of strips]

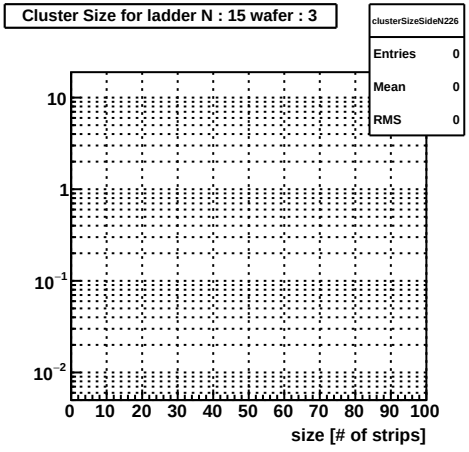

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

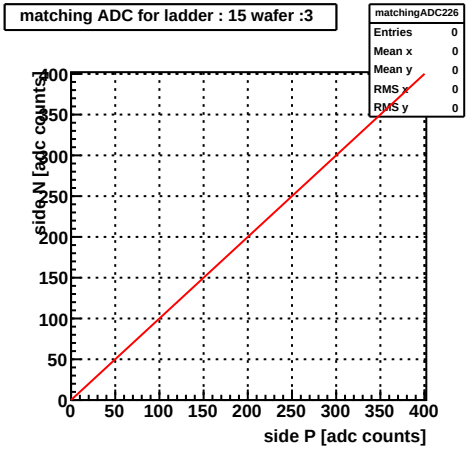

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

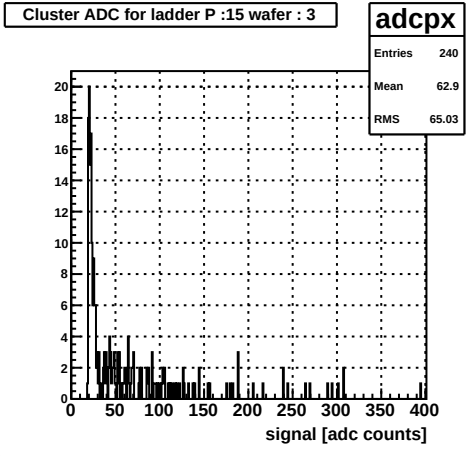

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 333
Mean 84.87
RMS 72.82
signal [adc counts]

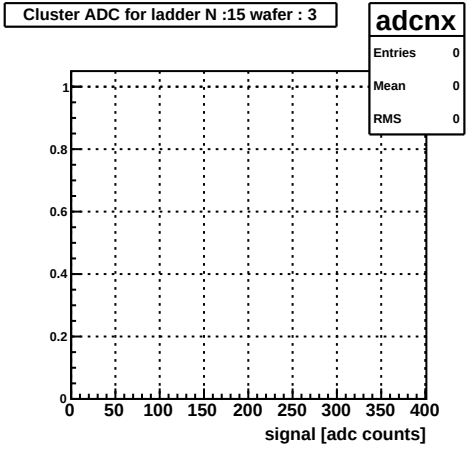

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

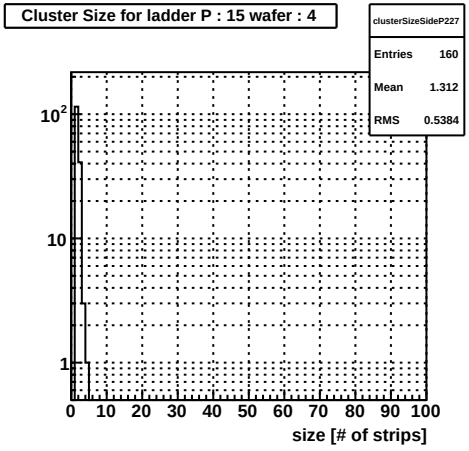

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 240
Mean 1.175
RMS 0.4684
size [# of strips]

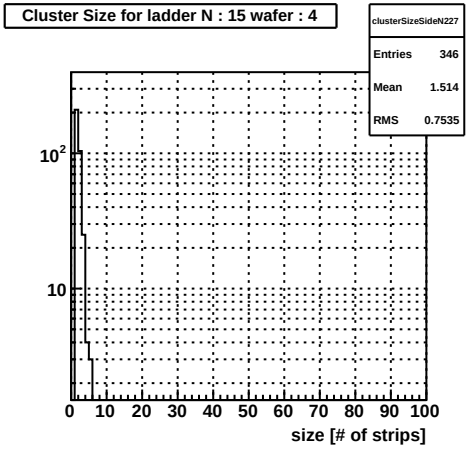

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

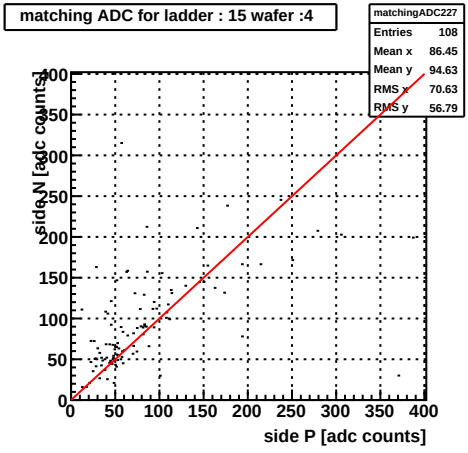

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

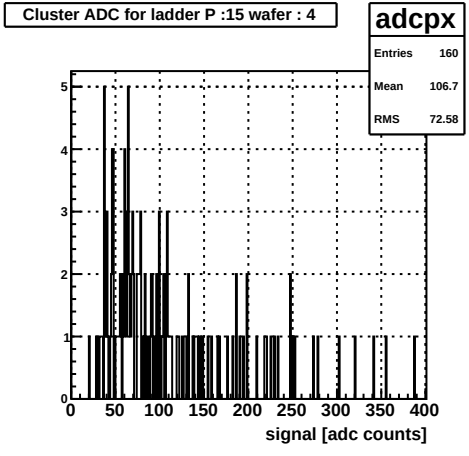

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 240
Mean 62.9
RMS 65.03
signal [adc counts]

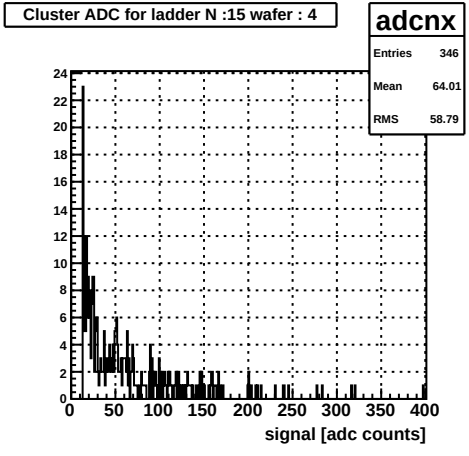

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

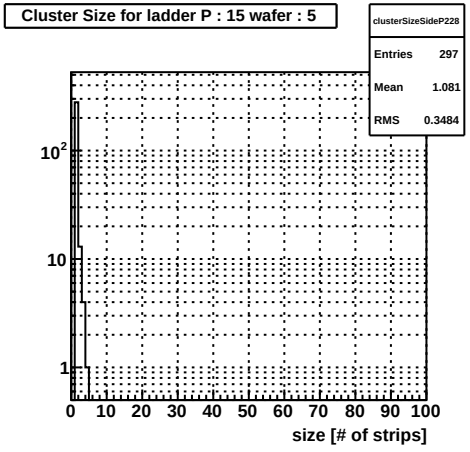

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 160
Mean 1.312
RMS 0.5384
size [# of strips]

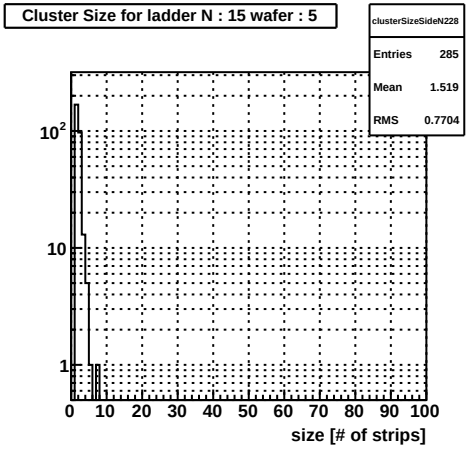

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 346
Mean 1.514
RMS 0.7535
size [# of strips]

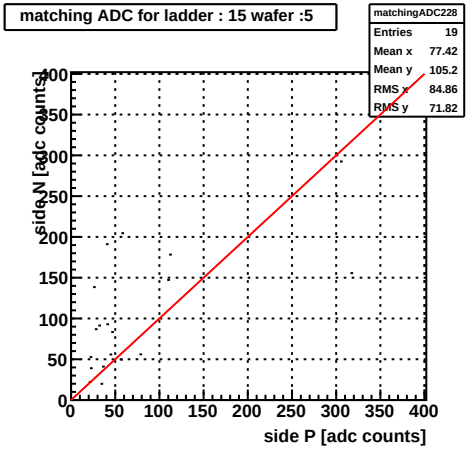

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 108
Mean x 86.45
Mean y 94.63
RMS x 70.63
RMS y 56.79
side N [adc counts]
side P [adc counts]

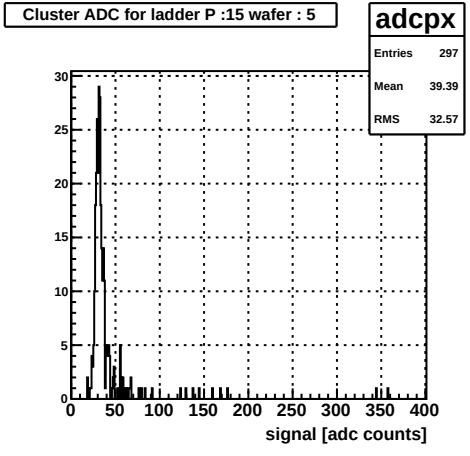

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 160
Mean 106.7
RMS 72.58
signal [adc counts]

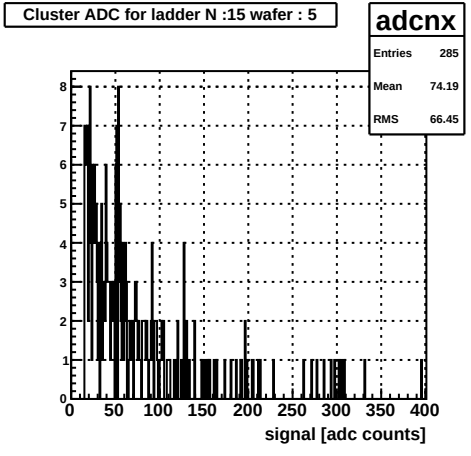

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 346
Mean 64.01
RMS 58.79
signal [adc counts]

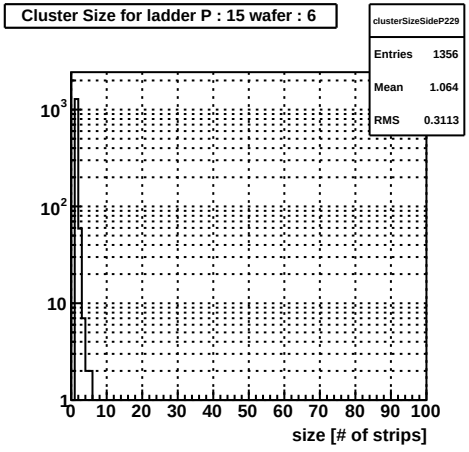

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 297
Mean 1.081
RMS 0.3484
size [# of strips]

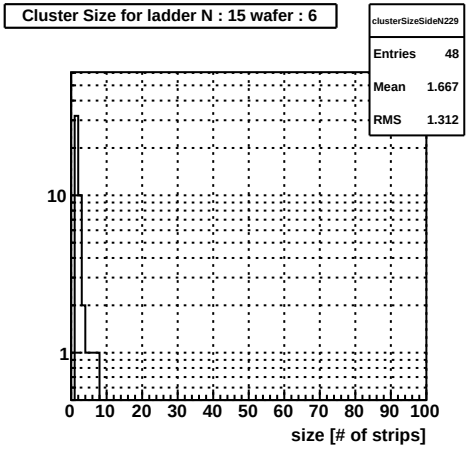

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 285
Mean 1.519
RMS 0.7704
size [# of strips]

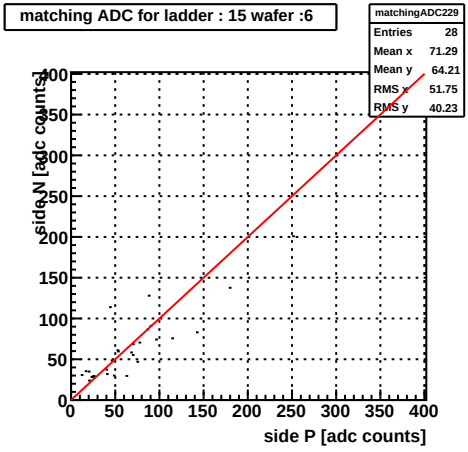

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 19
Mean x 77.42
Mean y 105.2
RMS x 84.86
RMS y 71.82
side N [adc counts]
side P [adc counts]

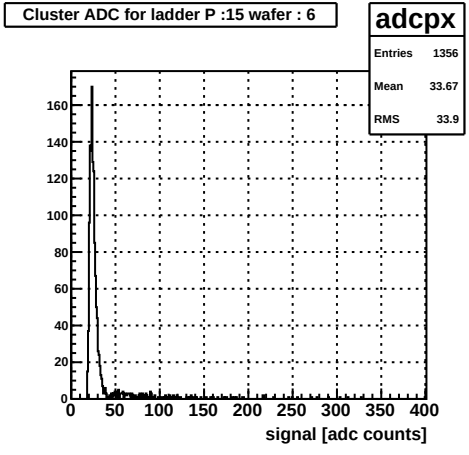

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 297
Mean 39.39
RMS 32.57
signal [adc counts]

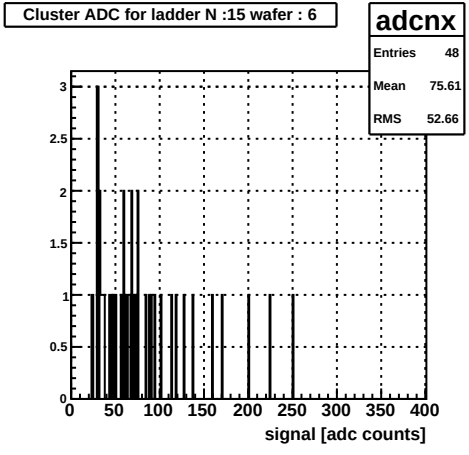

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 285
Mean 74.19
RMS 66.45
signal [adc counts]

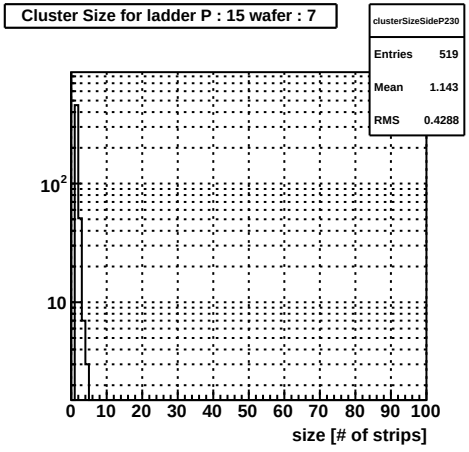

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 1356
Mean 1.064
RMS 0.3113
size [# of strips]

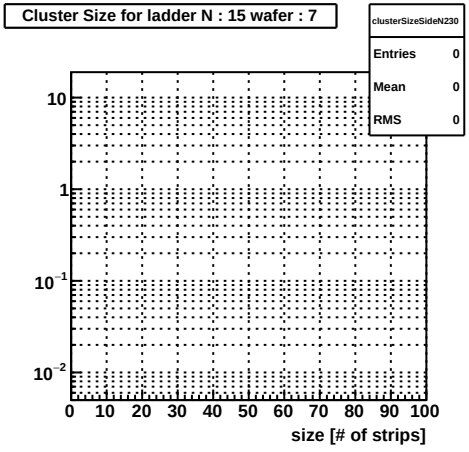

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 48
Mean 1.667
RMS 1.312
size [# of strips]

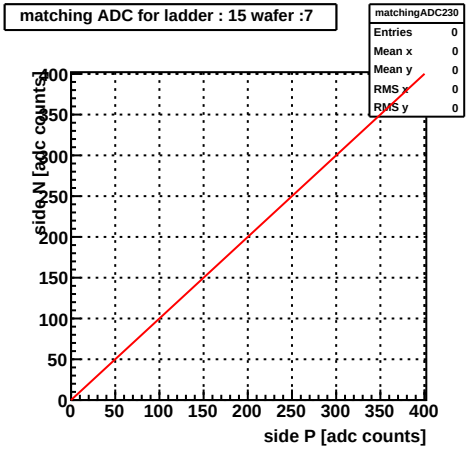

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 28
Mean x 71.29
Mean y 64.21
RMS x 51.75
RMS y 40.23
side N [adc counts]
side P [adc counts]

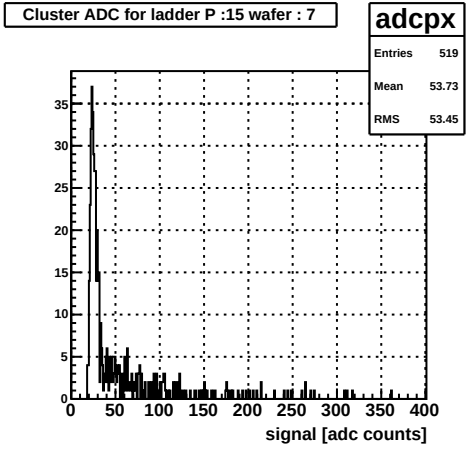

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 1356
Mean 33.67
RMS 33.9
signal [adc counts]

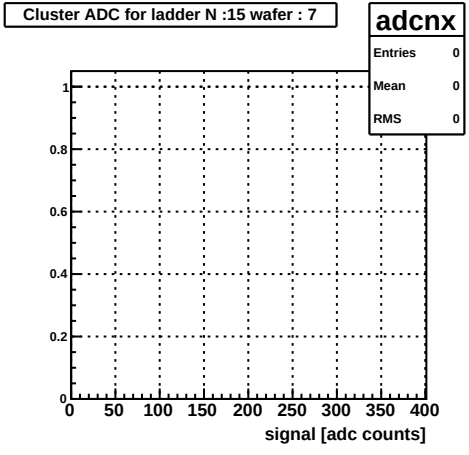

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 48
Mean 75.61
RMS 52.66
signal [adc counts]

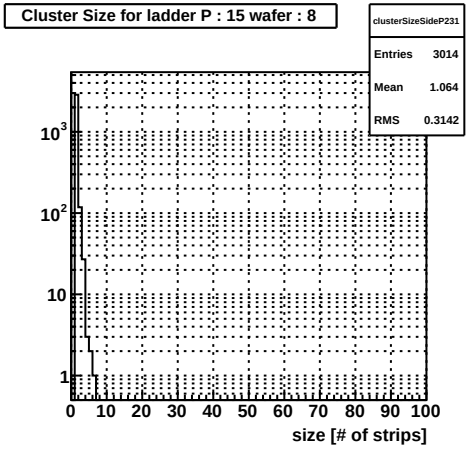

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 519
Mean 1.143
RMS 0.4288
size [# of strips]

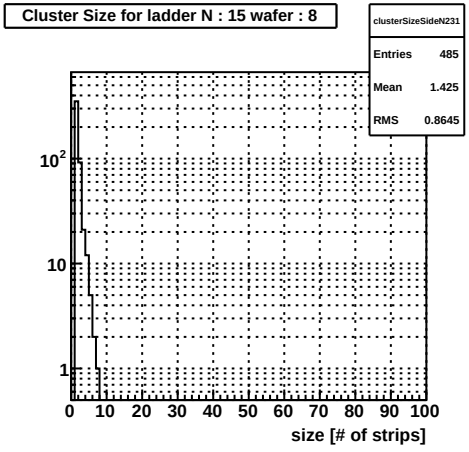

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

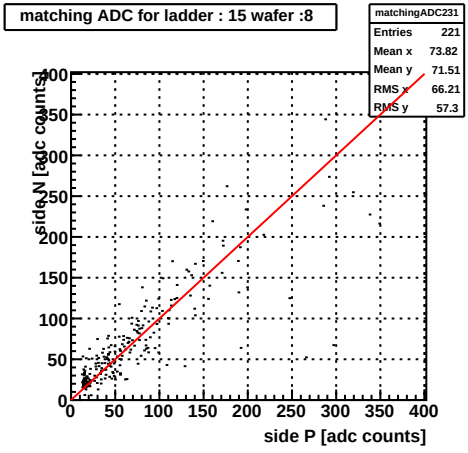

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

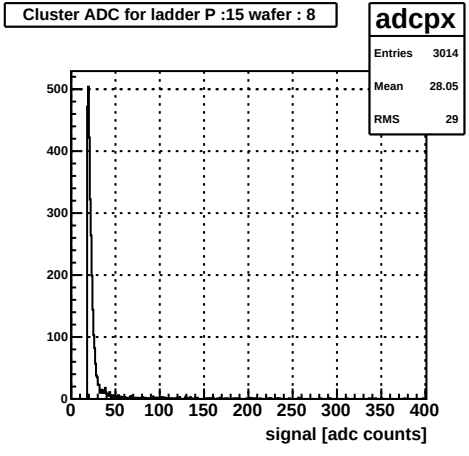

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 519
Mean 53.73
RMS 53.45
signal [adc counts]

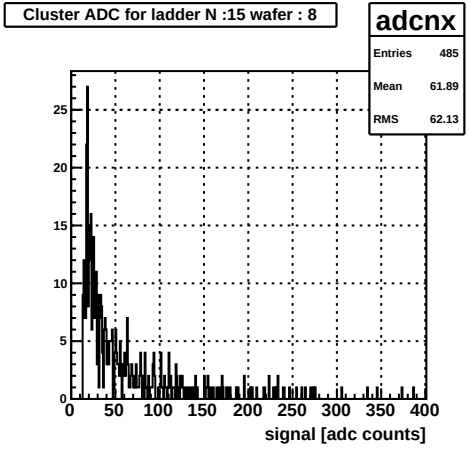

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

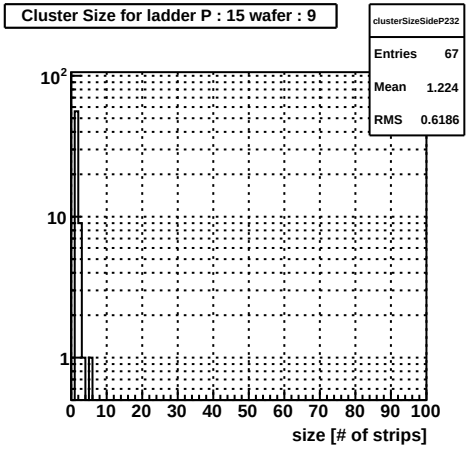

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 3014
Mean 1.064
RMS 0.3142
size [# of strips]

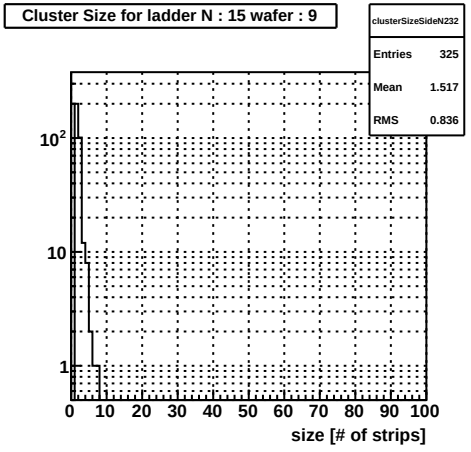

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 485
Mean 1.425
RMS 0.8645
size [# of strips]

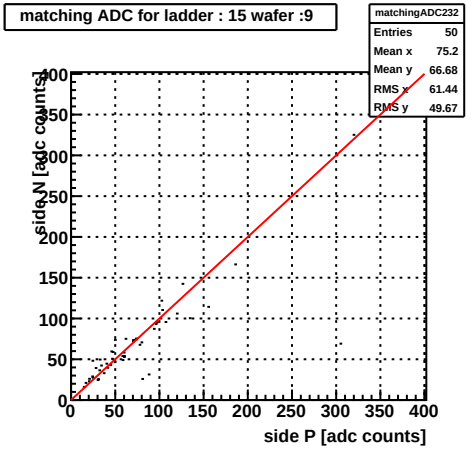

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 221
Mean x 73.82
Mean y 71.51
RMS x 66.21
RMS y 57.3
side N [adc counts]
side P [adc counts]

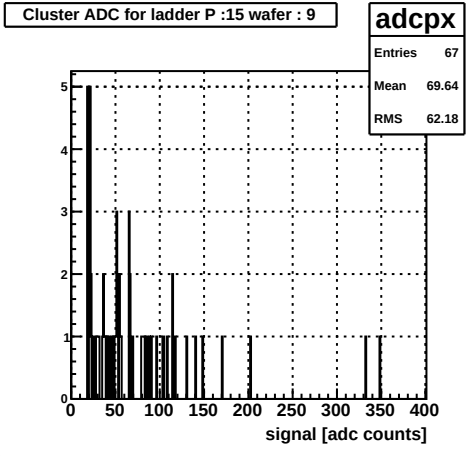

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 3014
Mean 28.05
RMS 29
signal [adc counts]

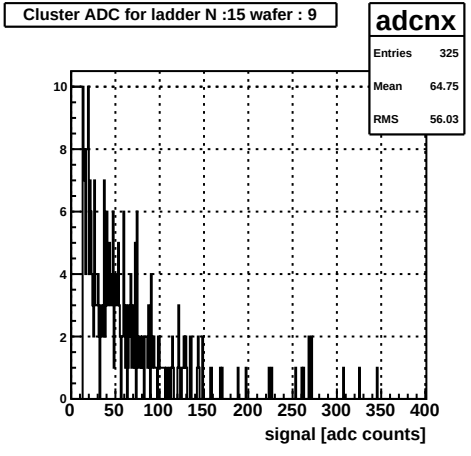

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 485
Mean 61.89
RMS 62.13
signal [adc counts]

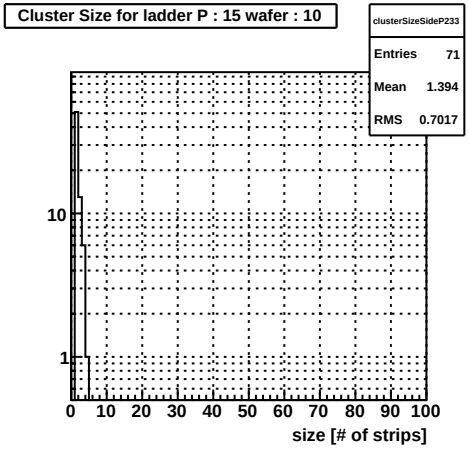

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 67
Mean 1.224
RMS 0.6186
size [# of strips]

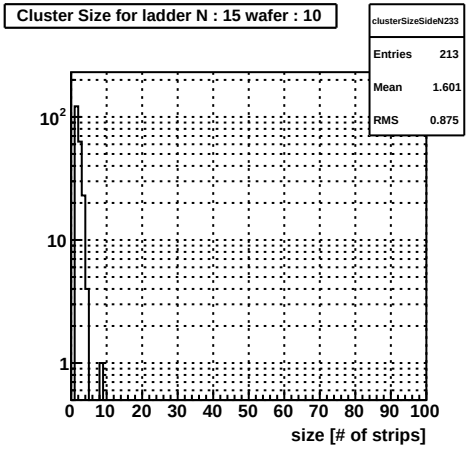

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 325
Mean 1.517
RMS 0.836
size [# of strips]

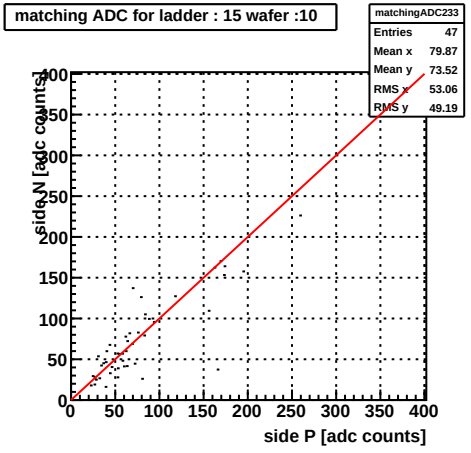

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 50
Mean x 75.2
Mean y 66.68
RMS x 61.44
RMS y 49.67
side N [adc counts]
side P [adc counts]

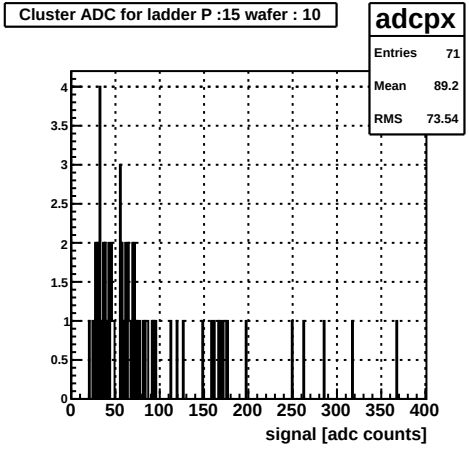

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 67
Mean 69.64
RMS 62.18
signal [adc counts]

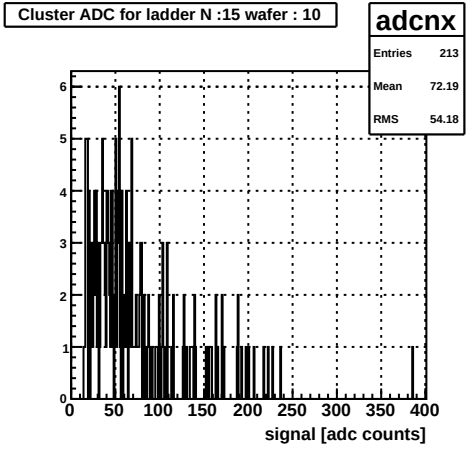

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 325
Mean 64.75
RMS 56.03
signal [adc counts]

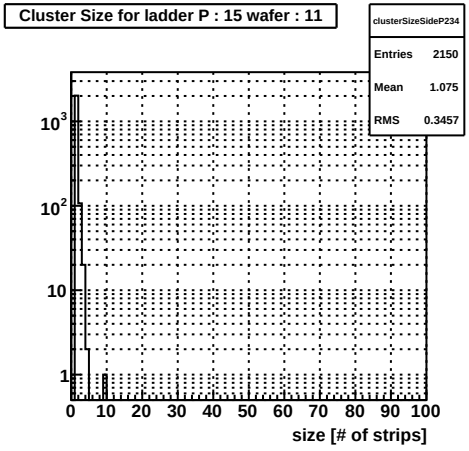

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 71
Mean 1.394
RMS 0.7017
size [# of strips]

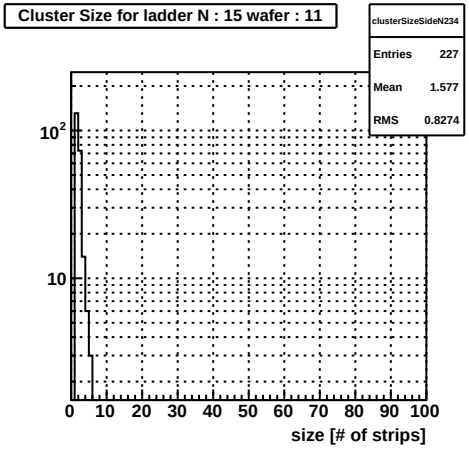

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 213
Mean 1.601
RMS 0.875
size [# of strips]

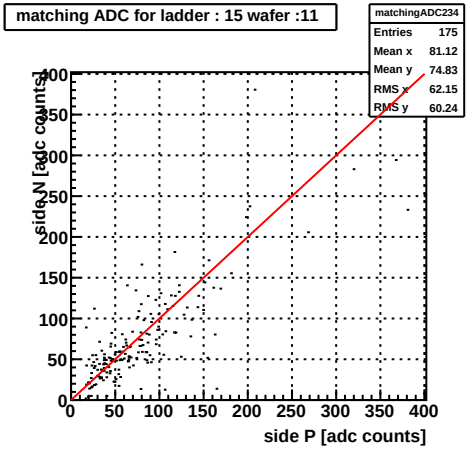

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 47
Mean x 79.87
Mean y 73.52
RMS x 53.06
RMS y 49.19
side N [adc counts]
side P [adc counts]

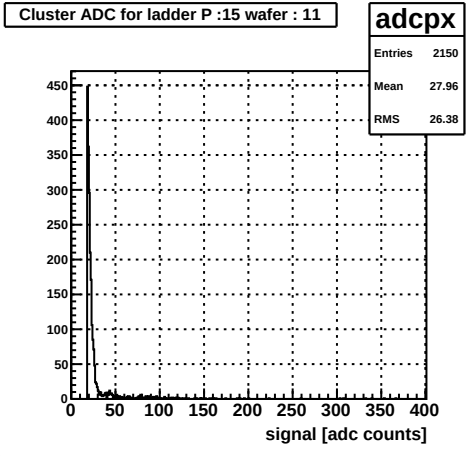

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 71
Mean 89.2
RMS 73.54
signal [adc counts]

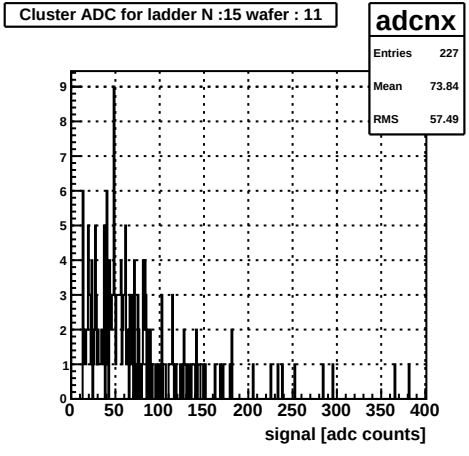

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 213
Mean 72.19
RMS 54.18
signal [adc counts]

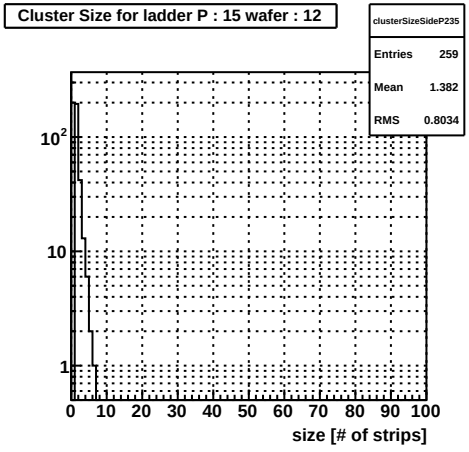

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2150
Mean 1.075
RMS 0.3457
size [# of strips]

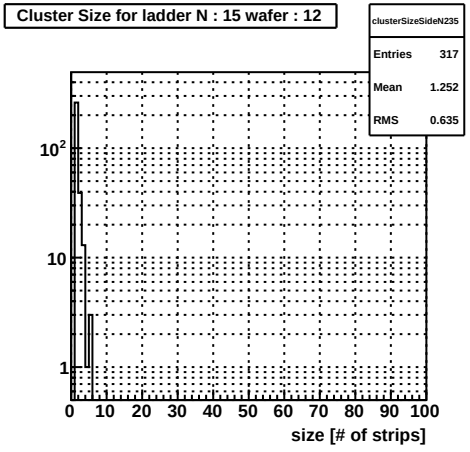

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 227
Mean 1.577
RMS 0.8274
size [# of strips]

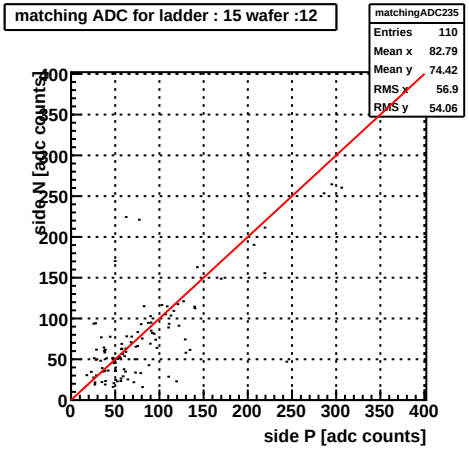

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 175
Mean x 81.12
Mean y 74.83
RMS x 62.15
RMS y 60.24
side N [adc counts]
side P [adc counts]

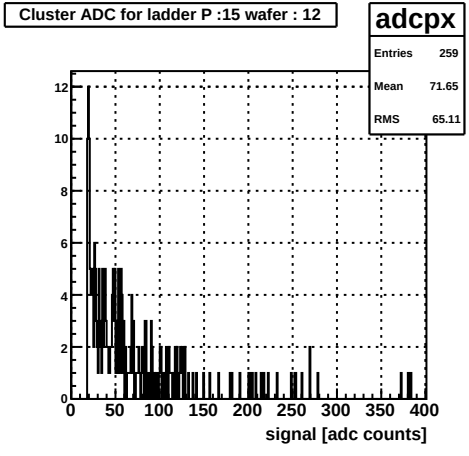

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2150
Mean 27.96
RMS 26.38
signal [adc counts]

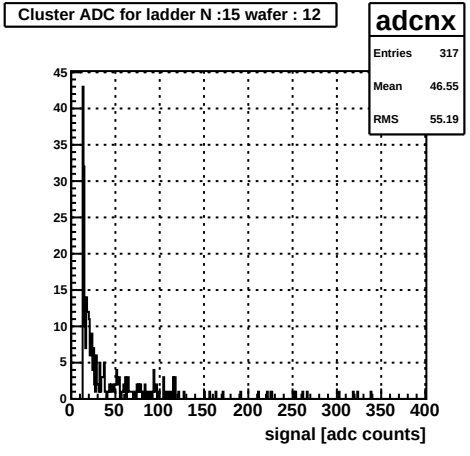

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 227
Mean 73.84
RMS 57.49
signal [adc counts]

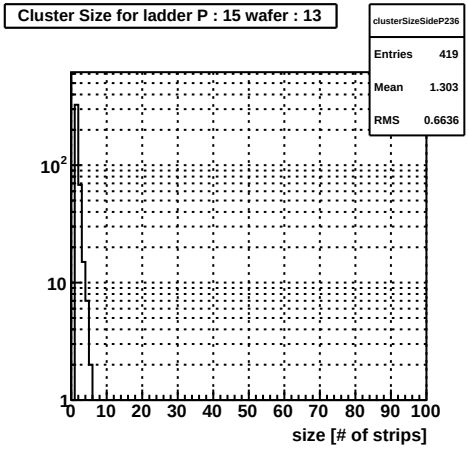

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 259
Mean 1.382
RMS 0.8034
size [# of strips]

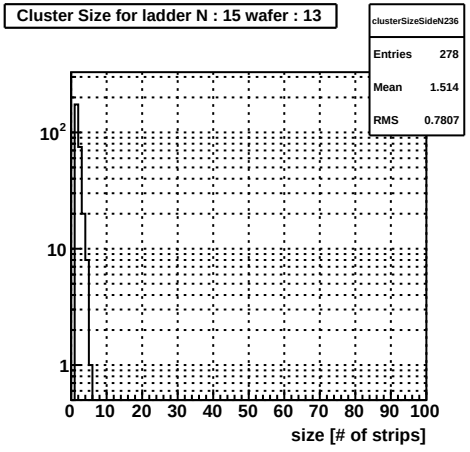

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 317
Mean 1.252
RMS 0.635
size [# of strips]

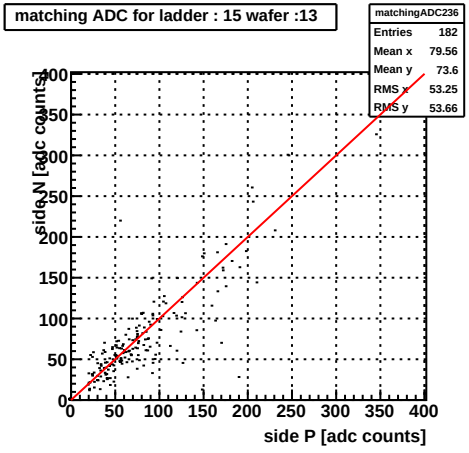

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 110
Mean x 82.79
Mean y 74.42
RMS x 56.9
RMS y 54.06
side N [adc counts]
side P [adc counts]

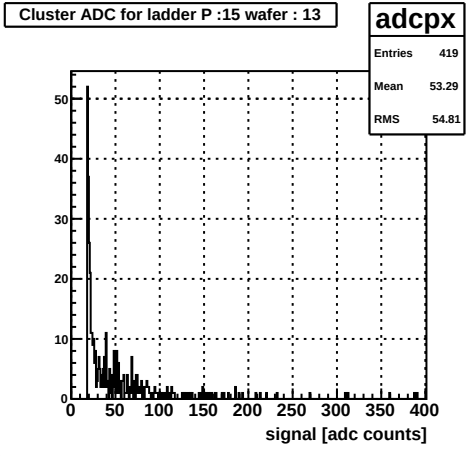

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 259
Mean 71.65
RMS 65.11
signal [adc counts]

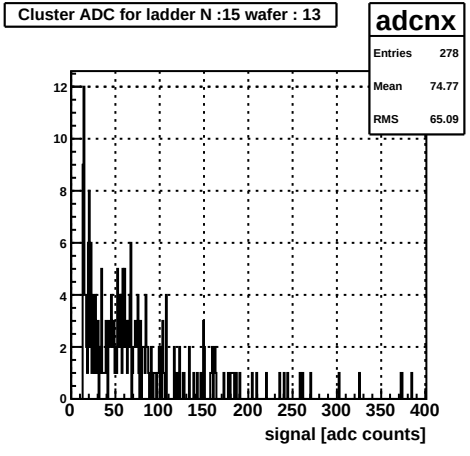

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 317
Mean 46.55
RMS 55.19
signal [adc counts]

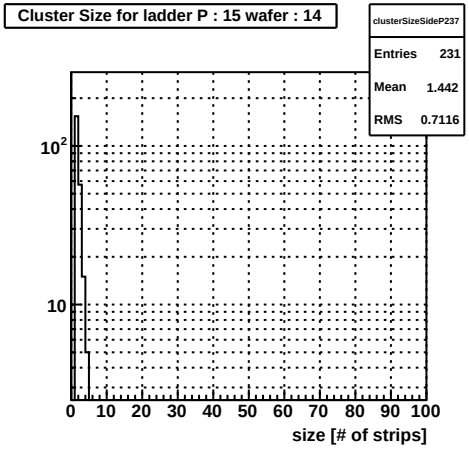

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 419
Mean 1.303
RMS 0.6636
size [# of strips]

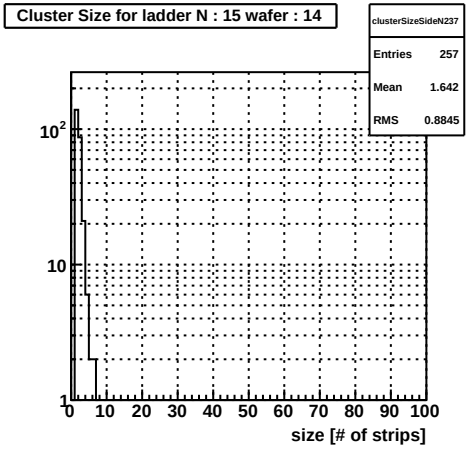

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 278
Mean 1.514
RMS 0.7807
size [# of strips]

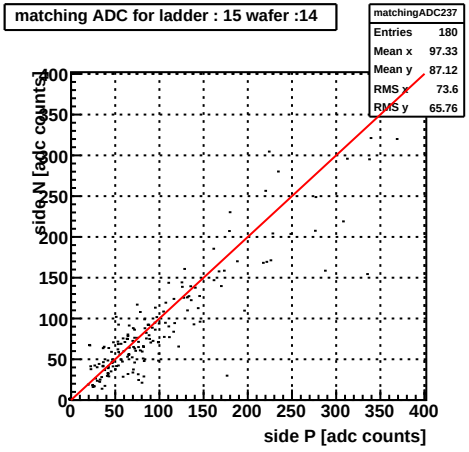

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 182
Mean x 79.56
Mean y 73.6
RMS x 53.25
RMS y 53.66
side N [adc counts]
side P [adc counts]

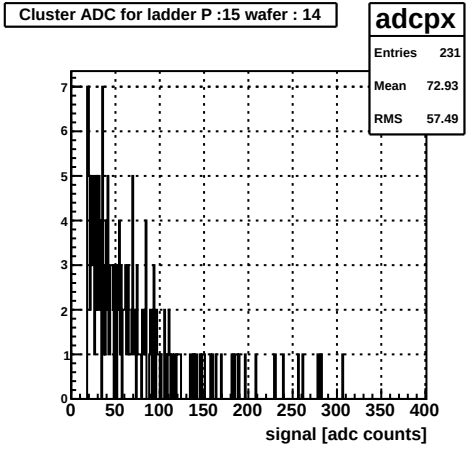

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 419
Mean 53.29
RMS 54.81
signal [adc counts]

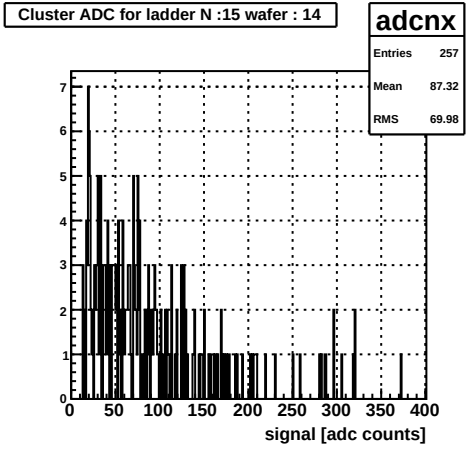

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 278
Mean 74.77
RMS 65.09
signal [adc counts]

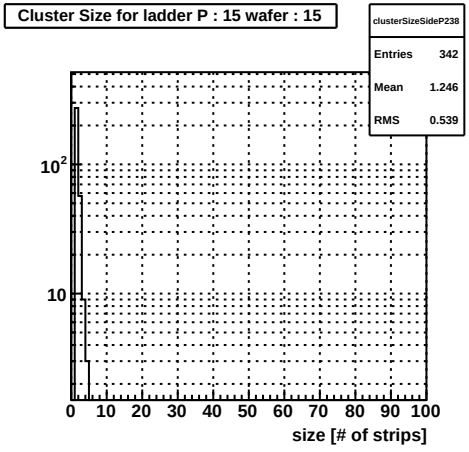

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 231
Mean 1.442
RMS 0.7116
size [# of strips]

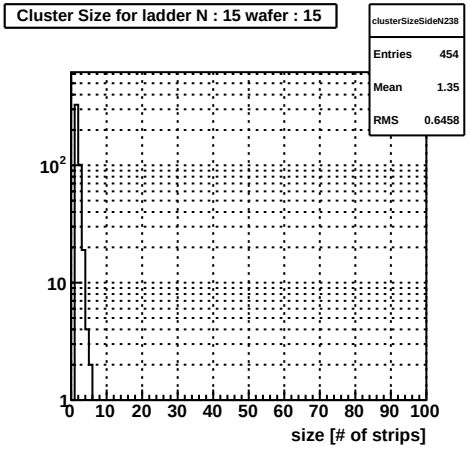

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 257
Mean 1.642
RMS 0.8845
size [# of strips]

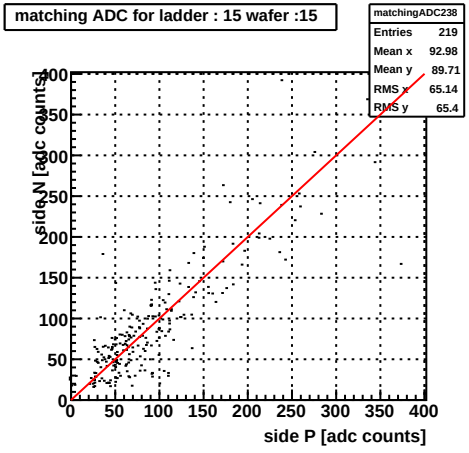

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 180
Mean x 97.33
Mean y 87.12
RMS x 73.6
RMS y 65.76
side N [adc counts]
side P [adc counts]

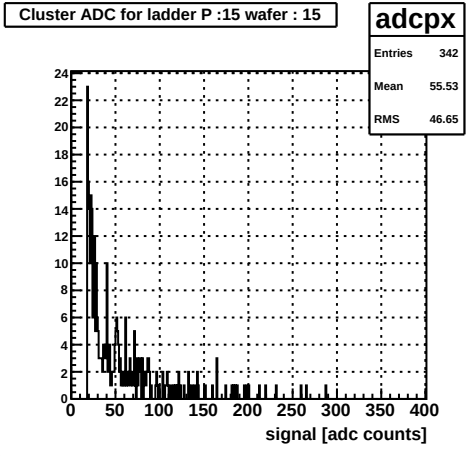

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 231
Mean 72.93
RMS 57.49
signal [adc counts]

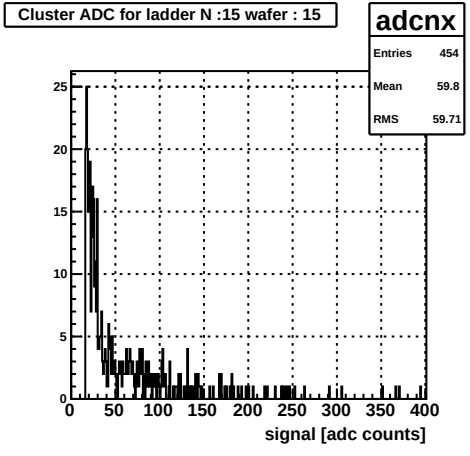

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 257
Mean 87.32
RMS 69.98
signal [adc counts]

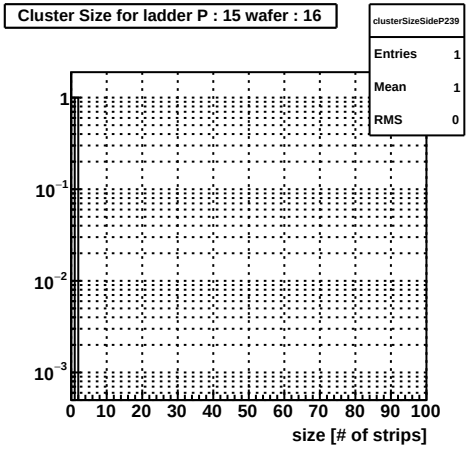

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 342
Mean 1.246
RMS 0.539
size [# of strips]

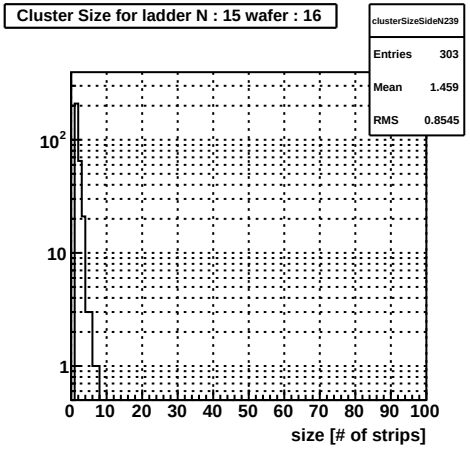

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 454
Mean 1.35
RMS 0.6458
size [# of strips]

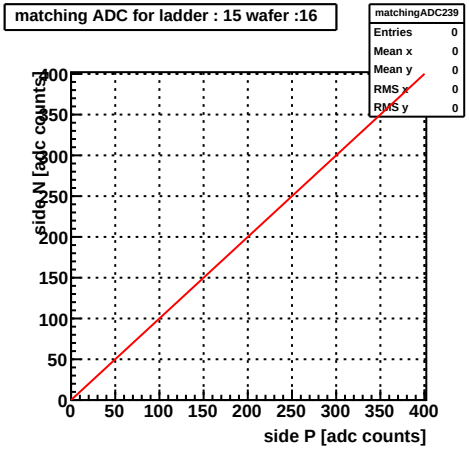

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 219
Mean x 92.98
Mean y 89.71
RMS x 65.14
RMS y 65.4
side N [adc counts]
side P [adc counts]

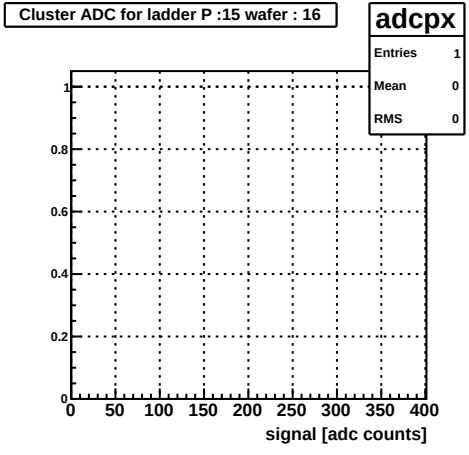

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 342
Mean 55.53
RMS 46.65
signal [adc counts]

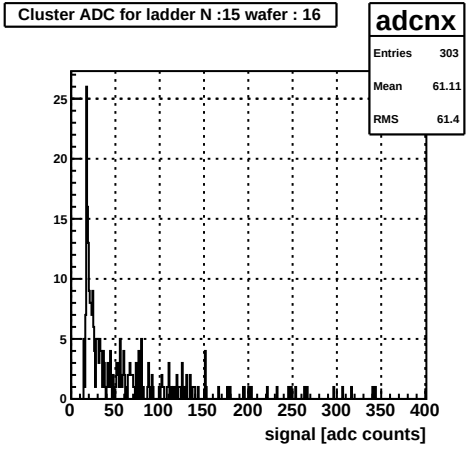

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 454
Mean 59.8
RMS 59.71
signal [adc counts]

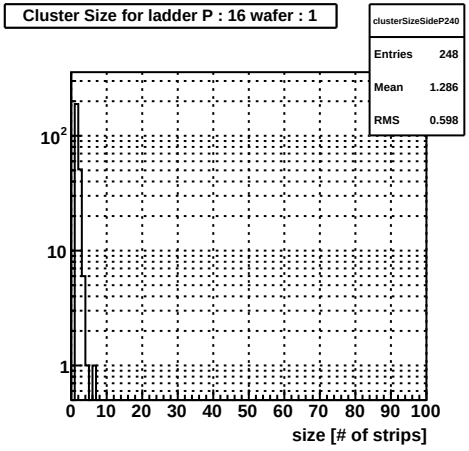

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

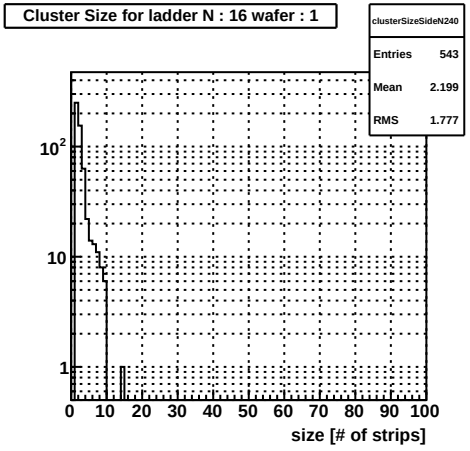

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 303
Mean 1.459
RMS 0.8545
size [# of strips]

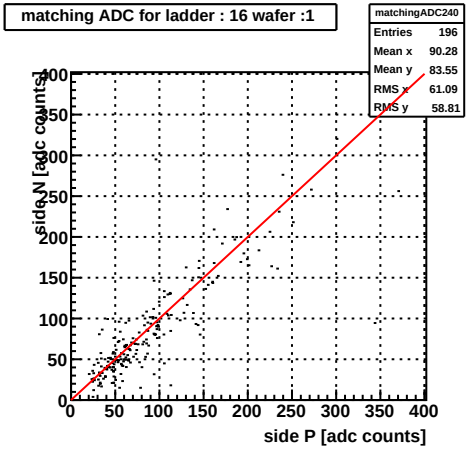

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

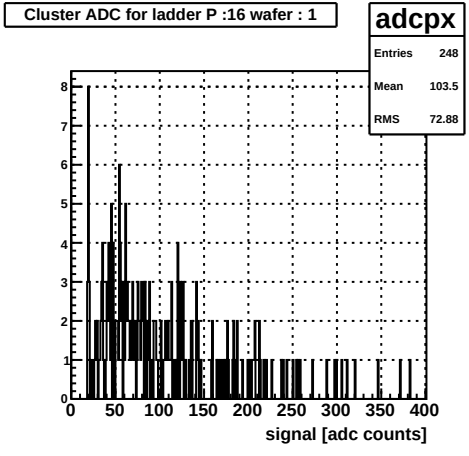

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

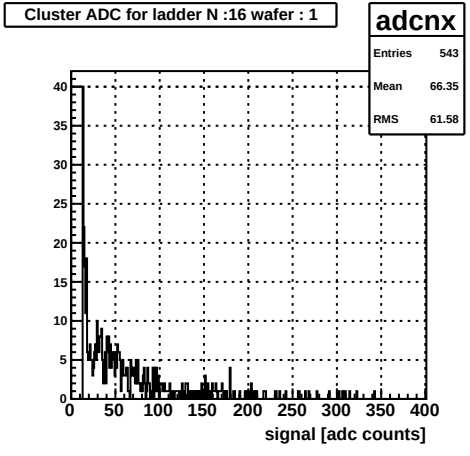

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 303
Mean 61.11
RMS 61.4
signal [adc counts]

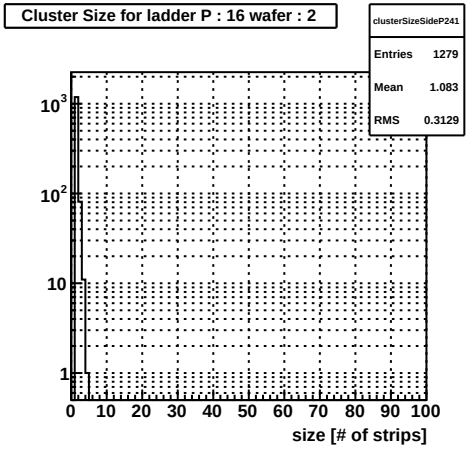

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 248
Mean 1.286
RMS 0.598
size [# of strips]

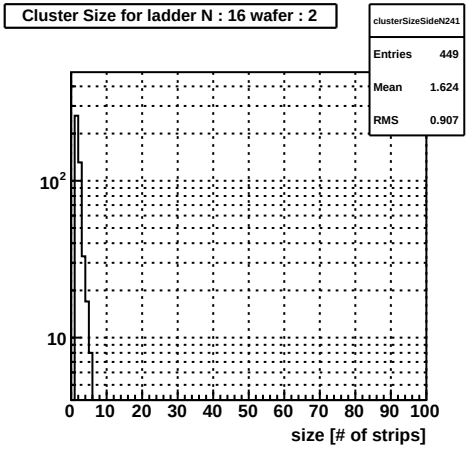

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 543
Mean 2.199
RMS 1.777
size [# of strips]

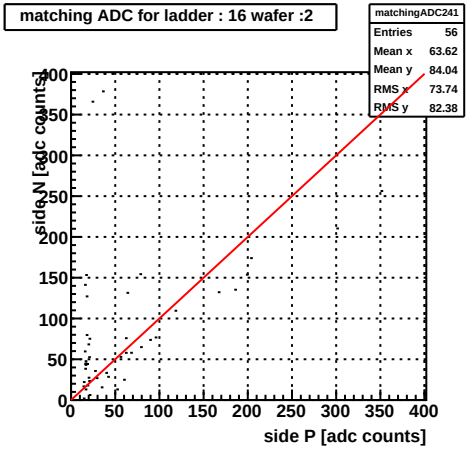

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 196
Mean x 90.28
Mean y 83.55
RMS x 61.09
RMS y 58.81
side N [adc counts]
side P [adc counts]

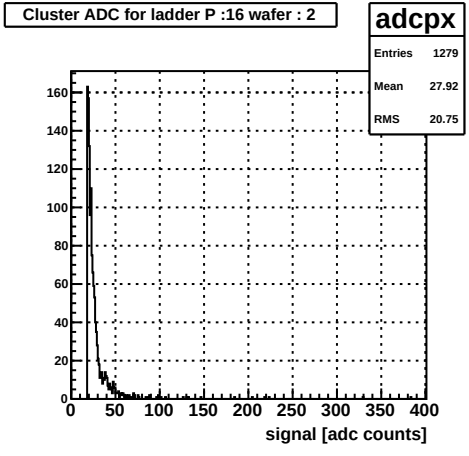

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 248
Mean 103.5
RMS 72.88
signal [adc counts]

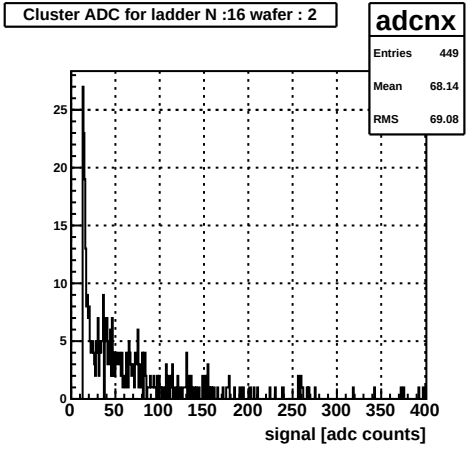

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 543
Mean 66.35
RMS 61.58
signal [adc counts]

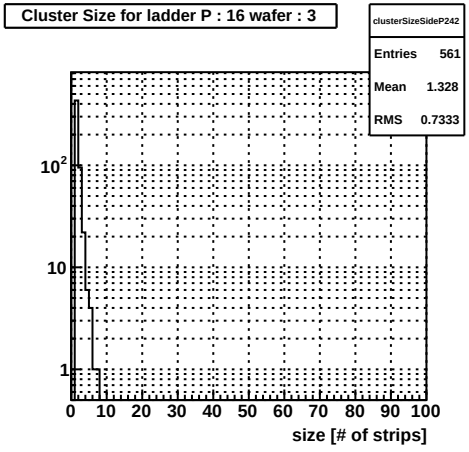

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 1279
Mean 1.083
RMS 0.3129
size [# of strips]

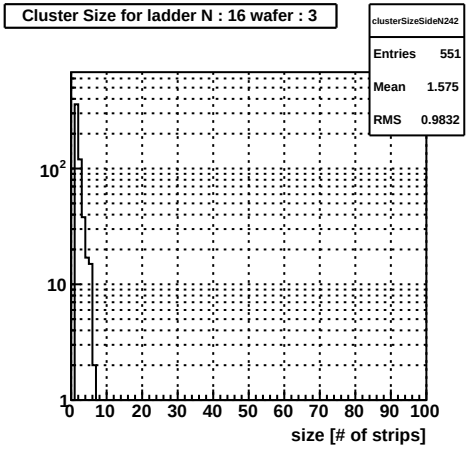

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 449
Mean 1.624
RMS 0.907
size [# of strips]

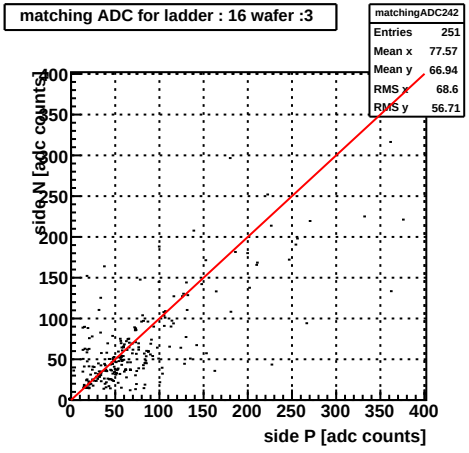

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 56
Mean x 63.62
Mean y 84.04
RMS x 73.74
RMS y 82.38
side N [adc counts]
side P [adc counts]

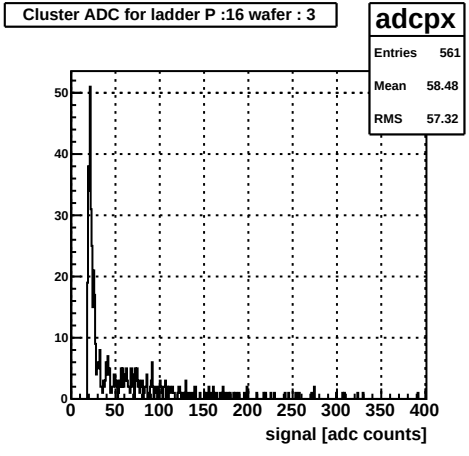

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 1279
Mean 27.92
RMS 20.75
signal [adc counts]

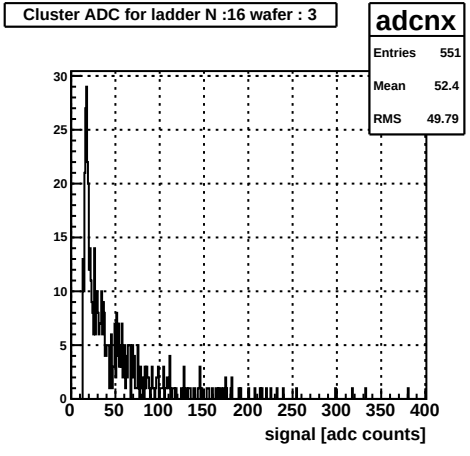

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 449
Mean 68.14
RMS 69.08
signal [adc counts]

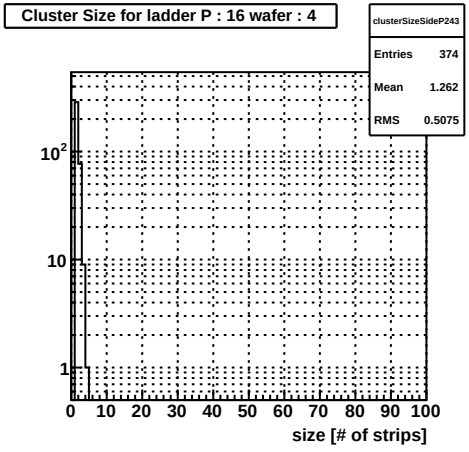

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 561
Mean 1.328
RMS 0.7333
size [# of strips]

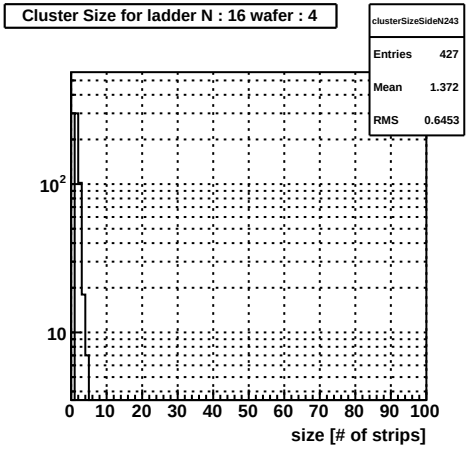

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 551
Mean 1.575
RMS 0.9832
size [# of strips]

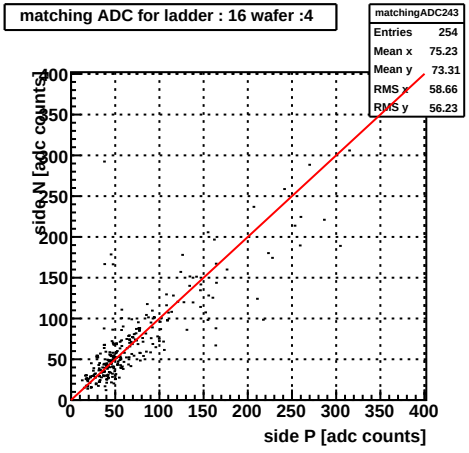

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 251
Mean x 77.57
Mean y 66.94
RMS x 68.6
RMS y 56.71
side N [adc counts]
side P [adc counts]

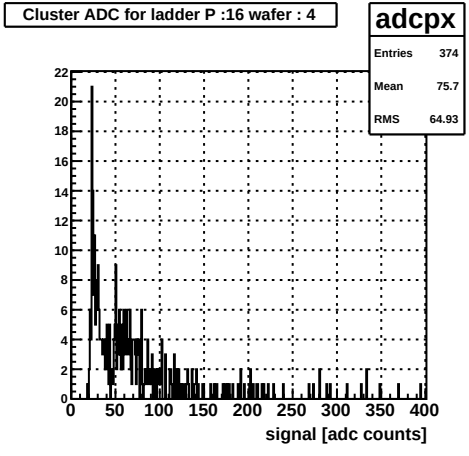

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 561
Mean 58.48
RMS 57.32
signal [adc counts]

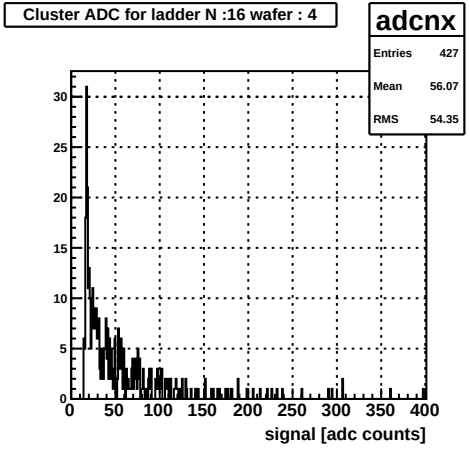

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 551
Mean 52.4
RMS 49.79
signal [adc counts]

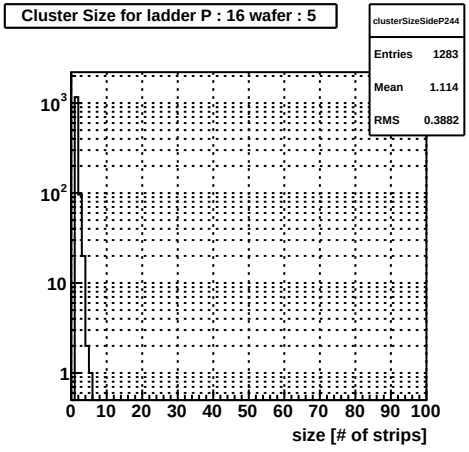

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 374
Mean 1.262
RMS 0.5075
size [# of strips]

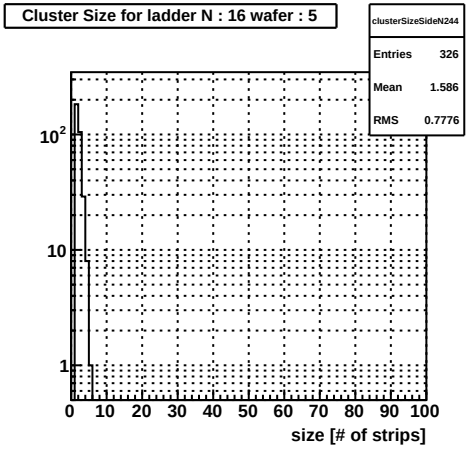

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 427
Mean 1.372
RMS 0.6453
size [# of strips]

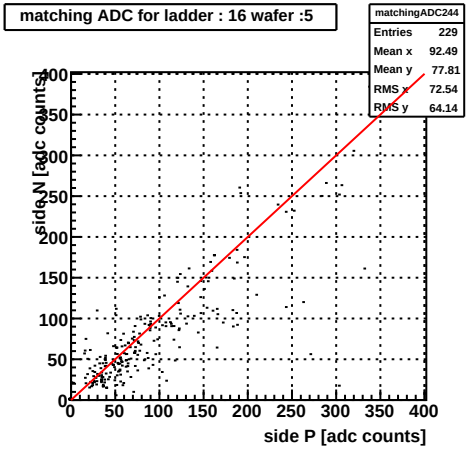

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 254
Mean x 75.23
Mean y 73.31
RMS x 58.66
RMS y 56.23
side N [adc counts]
side P [adc counts]

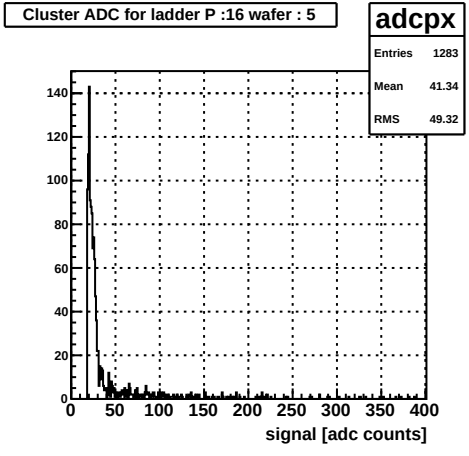

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 374
Mean 75.7
RMS 64.93
signal [adc counts]

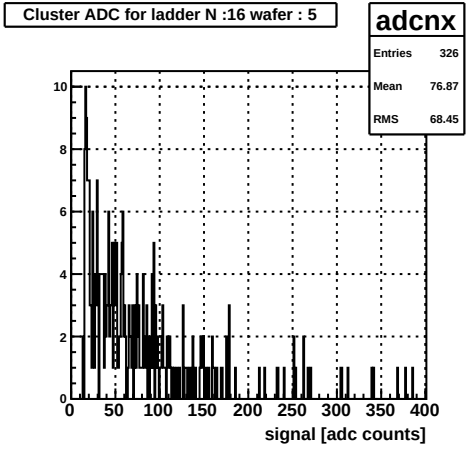

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 427
Mean 56.07
RMS 54.35
signal [adc counts]

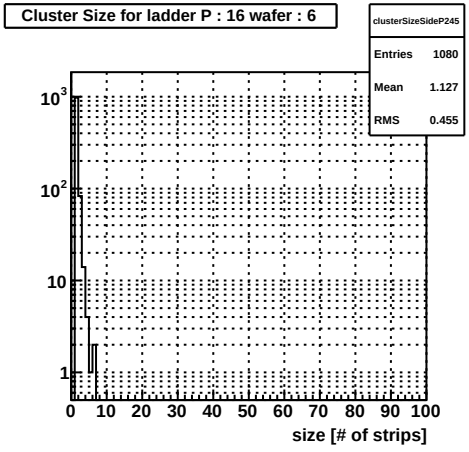

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 1283
Mean 1.114
RMS 0.3882
size [# of strips]

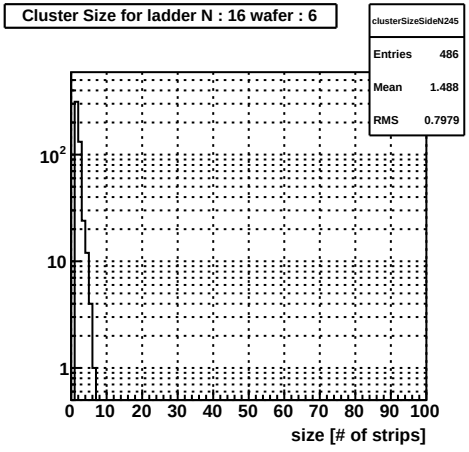

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 326
Mean 1.586
RMS 0.7776
size [# of strips]

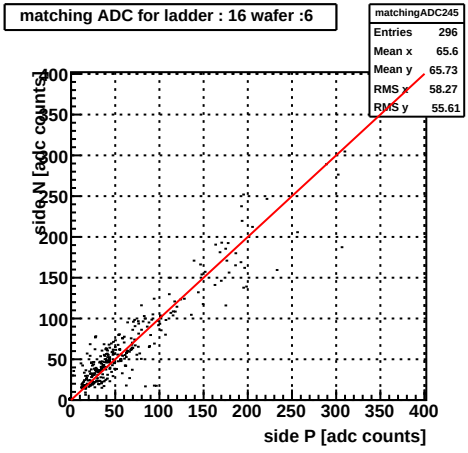

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 229
Mean x 92.49
Mean y 77.81
RMS x 72.54
RMS y 64.14
side N [adc counts]
side P [adc counts]

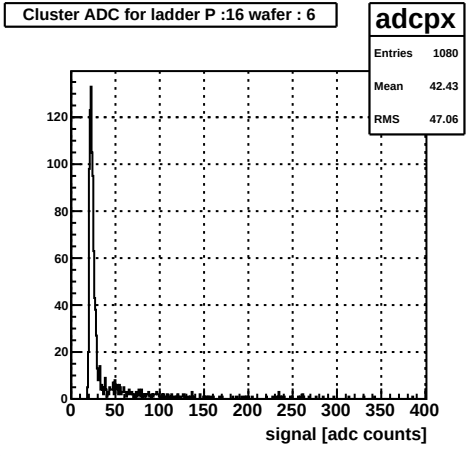

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 1283
Mean 41.34
RMS 49.32
signal [adc counts]

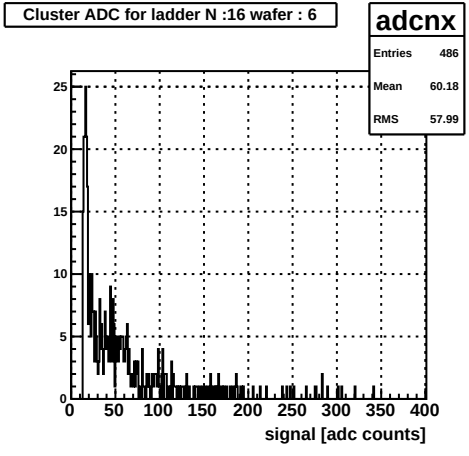

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 326
Mean 76.87
RMS 68.45
signal [adc counts]

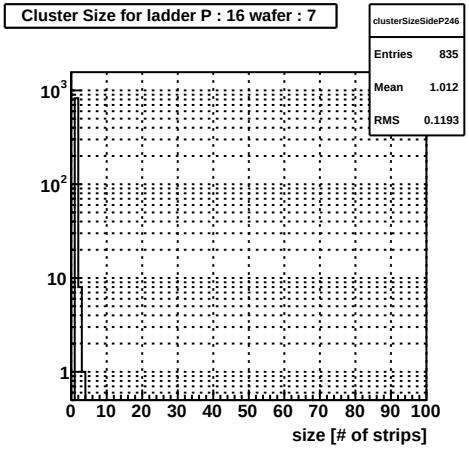

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 1080
Mean 1.127
RMS 0.455
size [# of strips]

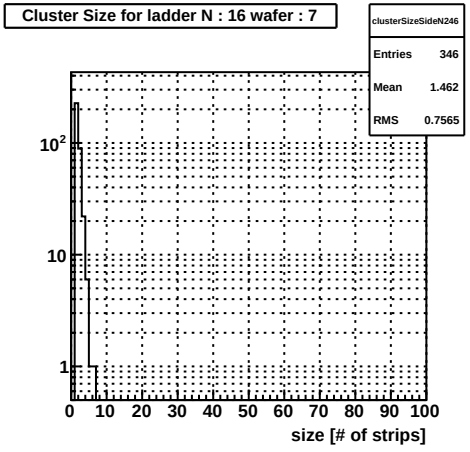

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 486
Mean 1.488
RMS 0.7979
size [# of strips]

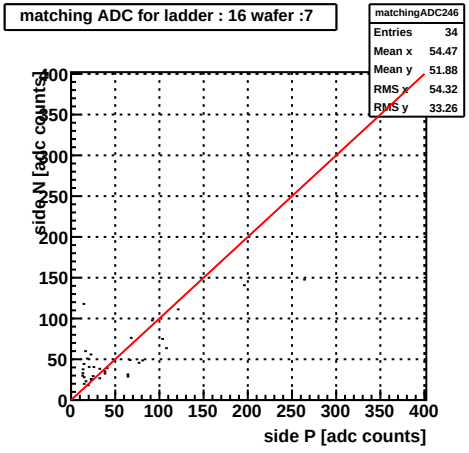

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 296
Mean x 65.6
Mean y 65.73
RMS x 58.27
RMS y 55.61
side N [adc counts]
side P [adc counts]

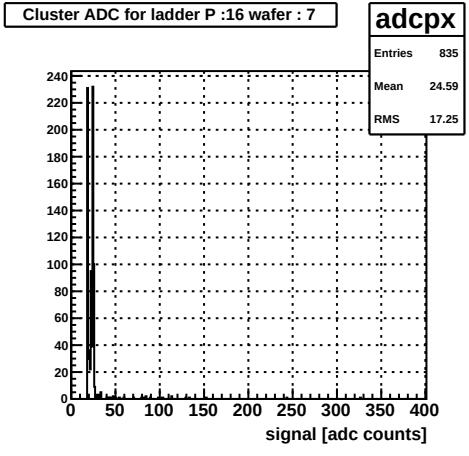

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 1080
Mean 42.43
RMS 47.06
signal [adc counts]

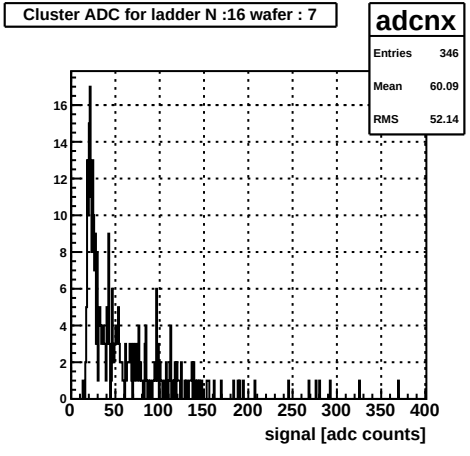

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 486
Mean 60.18
RMS 57.99
signal [adc counts]

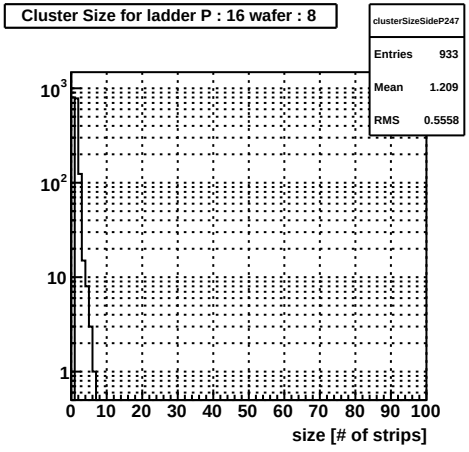

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 835
Mean 1.012
RMS 0.1193
size [# of strips]

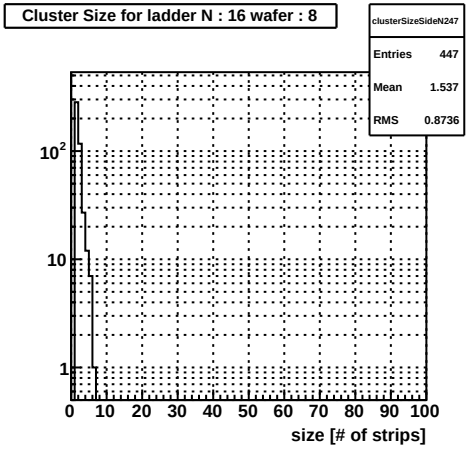

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 346
Mean 1.462
RMS 0.7565
size [# of strips]

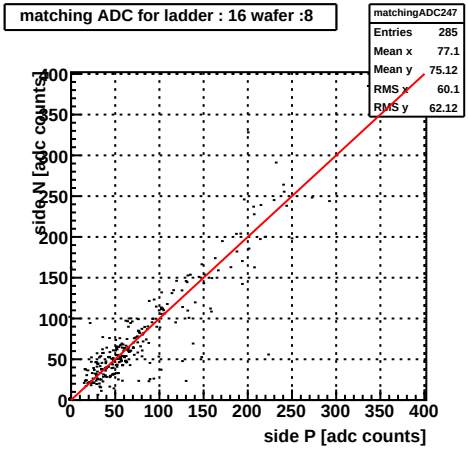

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 34
Mean x 54.47
Mean y 51.88
RMS x 54.32
RMS y 33.26
side N [adc counts]
side P [adc counts]

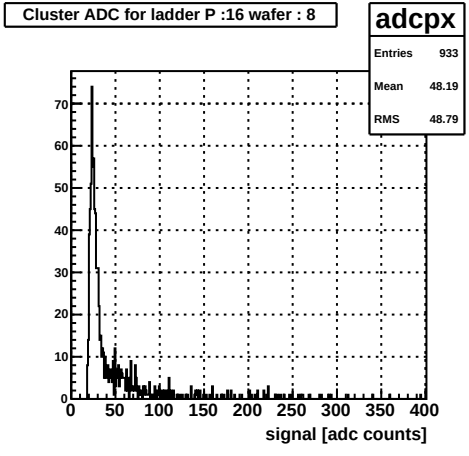

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 835
Mean 24.59
RMS 17.25
signal [adc counts]

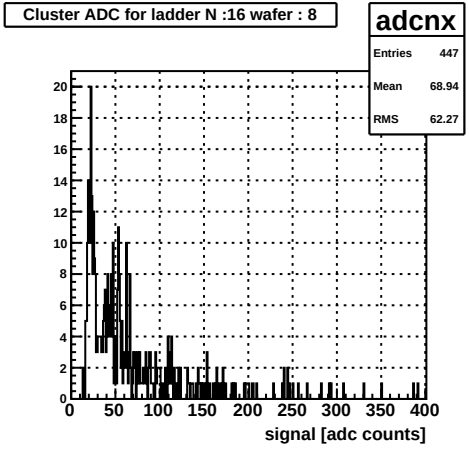

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 346
Mean 60.09
RMS 52.14
signal [adc counts]

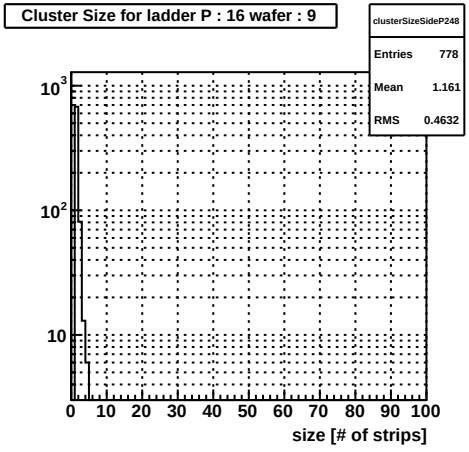

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 933
Mean 1.209
RMS 0.5558
size [# of strips]

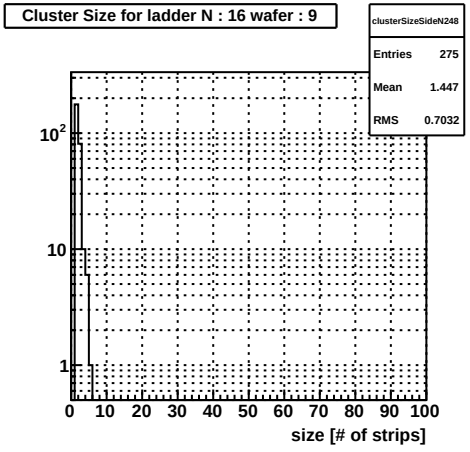

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 447
Mean 1.537
RMS 0.8736
size [# of strips]

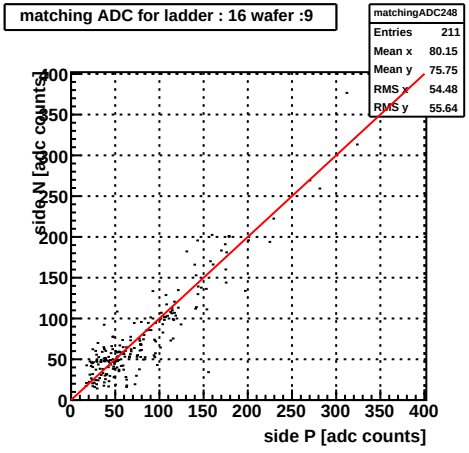

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 285
Mean x 77.1
Mean y 75.12
RMS x 60.1
RMS y 62.12
side N [adc counts]
side P [adc counts]

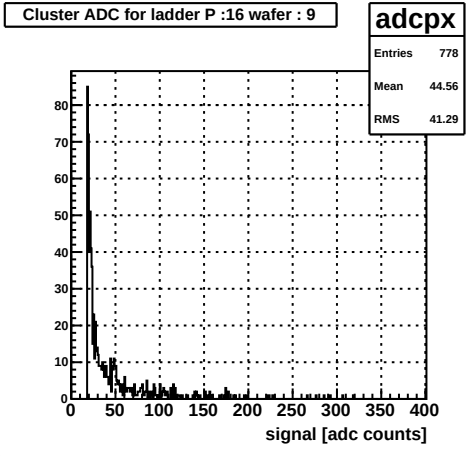

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 933
Mean 48.19
RMS 48.79
signal [adc counts]

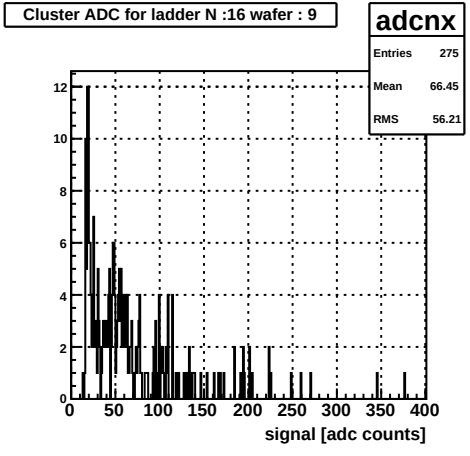

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 447
Mean 68.94
RMS 62.27
signal [adc counts]

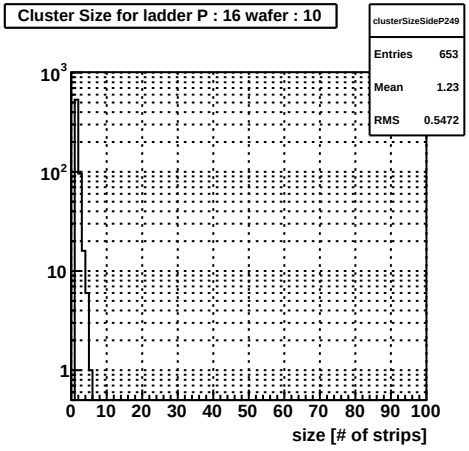

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 778
Mean 1.161
RMS 0.4632
size [# of strips]

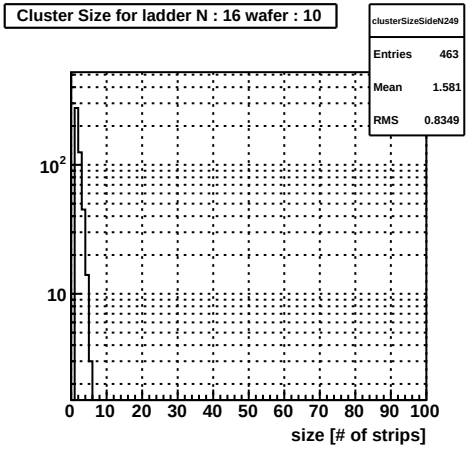

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 275
Mean 1.447
RMS 0.7032
size [# of strips]

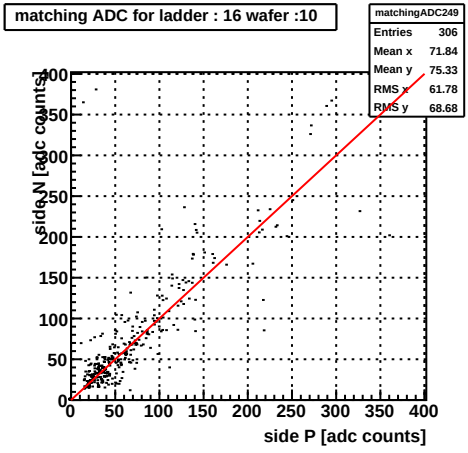

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 211
Mean x 80.15
Mean y 75.75
RMS x 54.48
RMS y 55.64
side N [adc counts]
side P [adc counts]

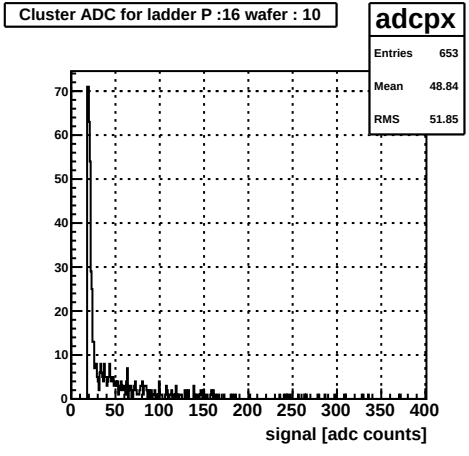

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 778
Mean 44.56
RMS 41.29
signal [adc counts]

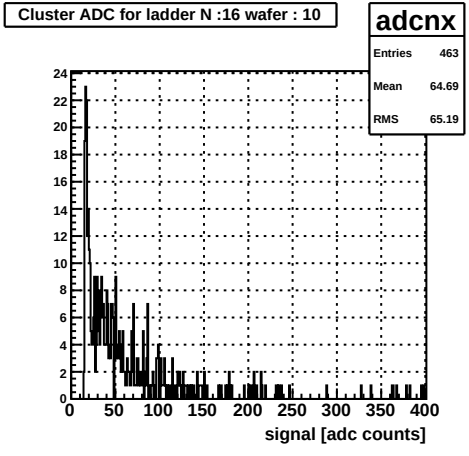

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 275
Mean 66.45
RMS 56.21
signal [adc counts]

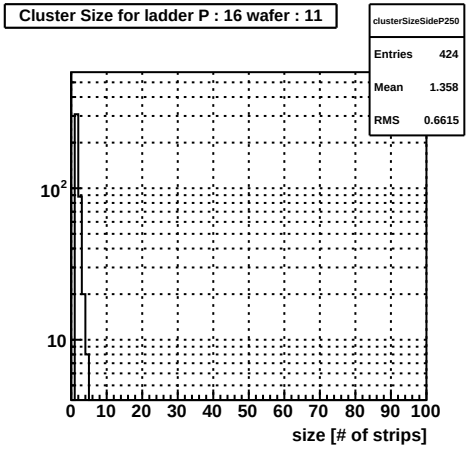

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 653
Mean 1.23
RMS 0.5472
size [# of strips]

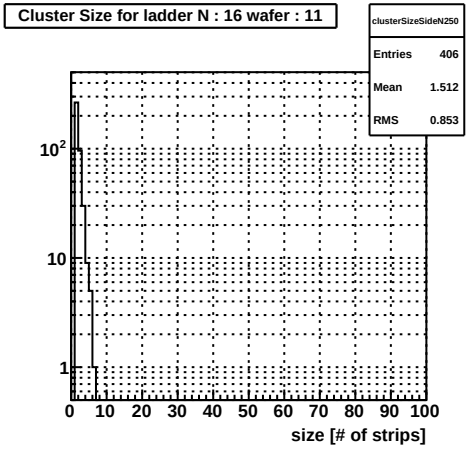

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 463
Mean 1.581
RMS 0.8349
size [# of strips]

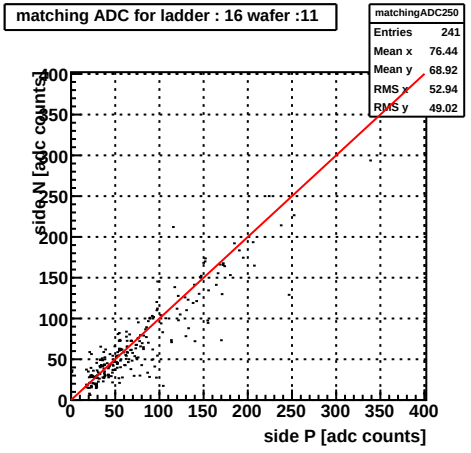

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 306
Mean x 71.84
Mean y 75.33
RMS x 61.78
RMS y 68.68
side N [adc counts]
side P [adc counts]

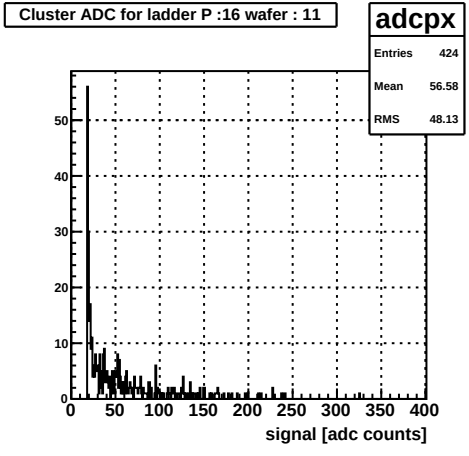

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 653
Mean 48.84
RMS 51.85
signal [adc counts]

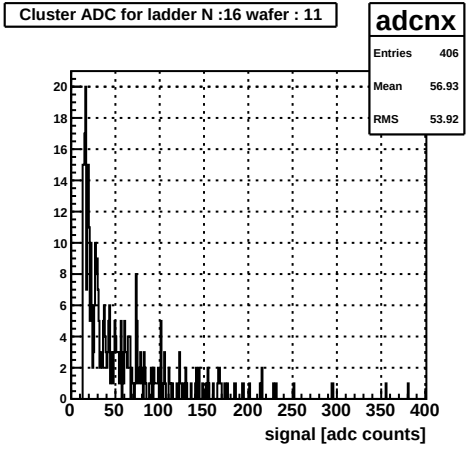

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 463
Mean 64.69
RMS 65.19
signal [adc counts]

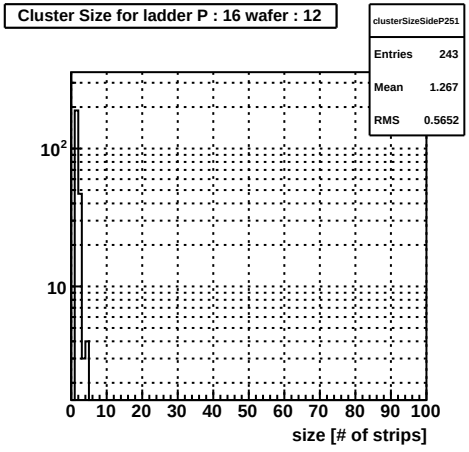

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 424
Mean 1.358
RMS 0.6615
size [# of strips]

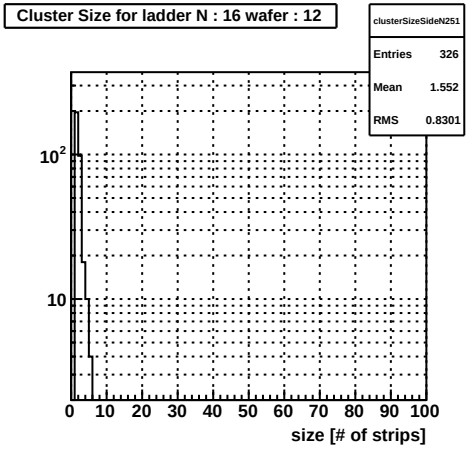

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 406
Mean 1.512
RMS 0.853
size [# of strips]

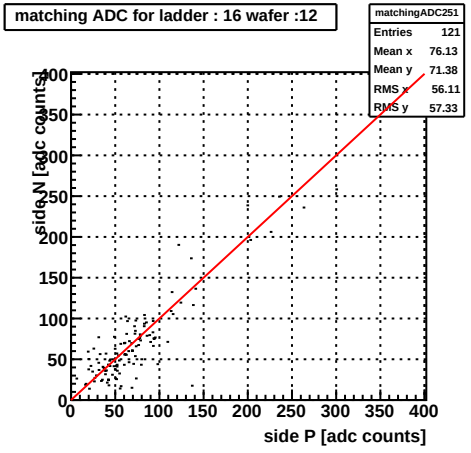

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 241
Mean x 76.44
Mean y 68.92
RMS x 52.94
RMS y 49.02
side N [adc counts]
side P [adc counts]

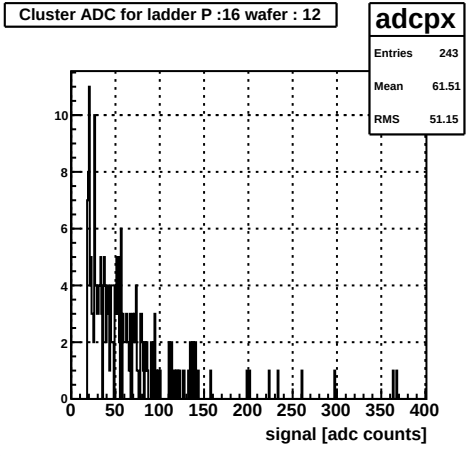

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 424
Mean 56.58
RMS 48.13
signal [adc counts]

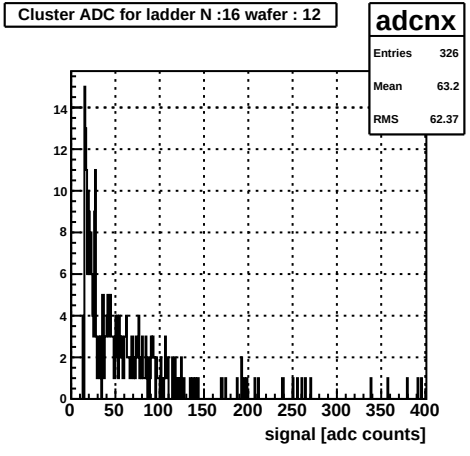

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 406
Mean 56.93
RMS 53.92
signal [adc counts]

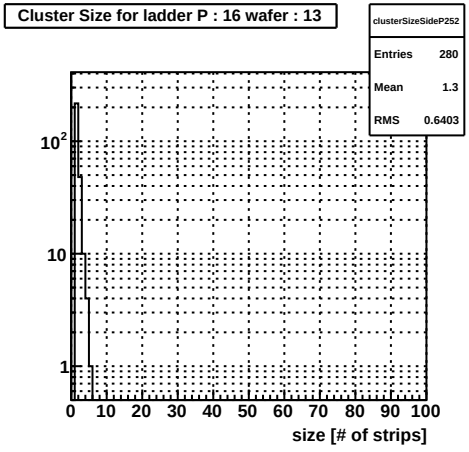

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 243
Mean 1.267
RMS 0.5652
size [# of strips]

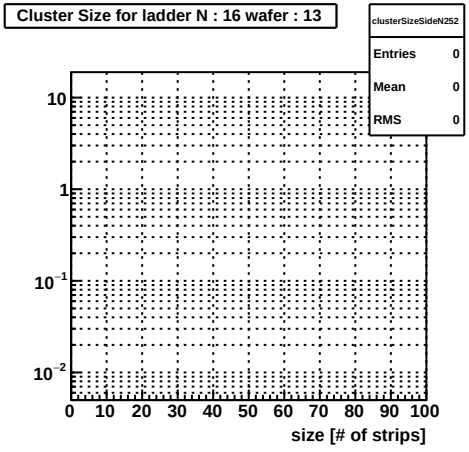

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 326
Mean 1.552
RMS 0.8301
size [# of strips]

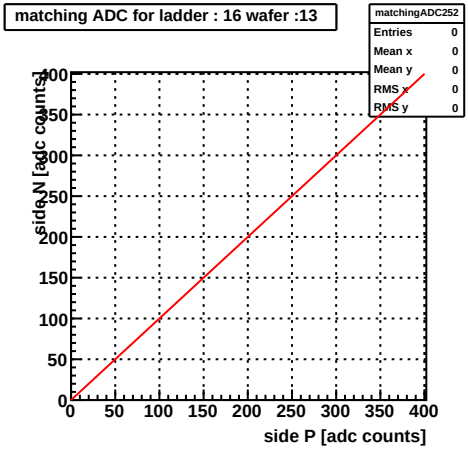

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 121
Mean x 76.13
Mean y 71.38
RMS x 56.11
RMS y 57.33
side N [adc counts]
side P [adc counts]

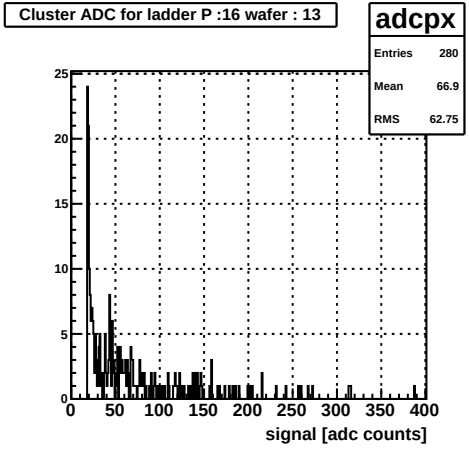

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 243
Mean 61.51
RMS 51.15
signal [adc counts]

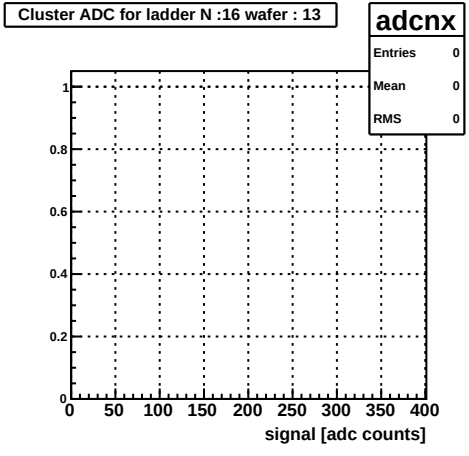

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 326
Mean 63.2
RMS 62.37
signal [adc counts]

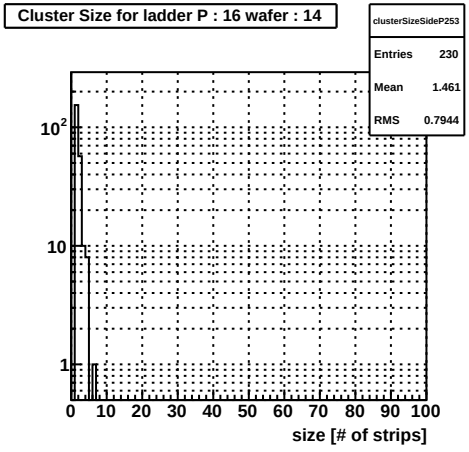

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 280
Mean 1.3
RMS 0.6403
size [# of strips]

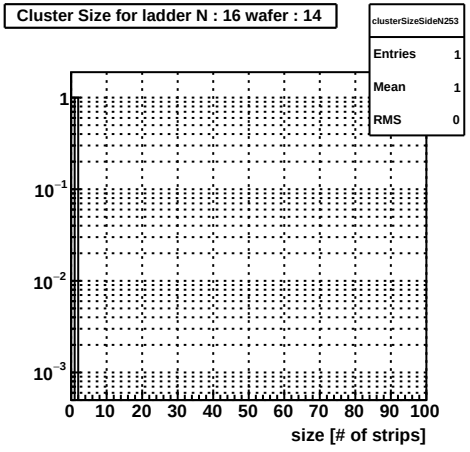

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

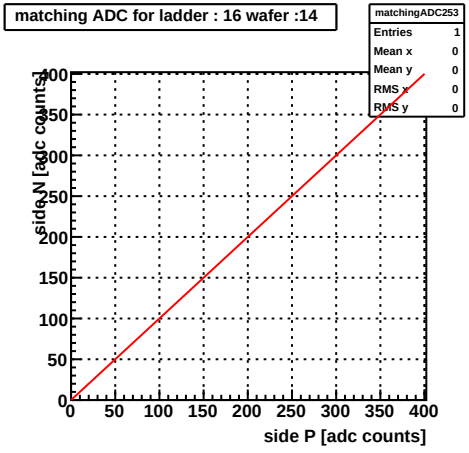

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

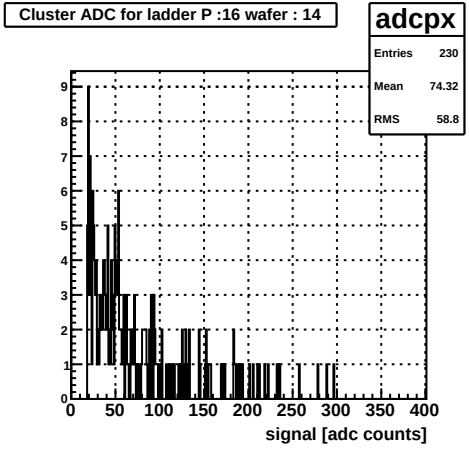

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 280
Mean 66.9
RMS 62.75
signal [adc counts]

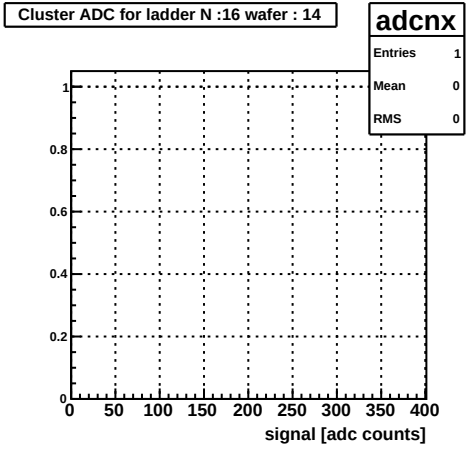

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

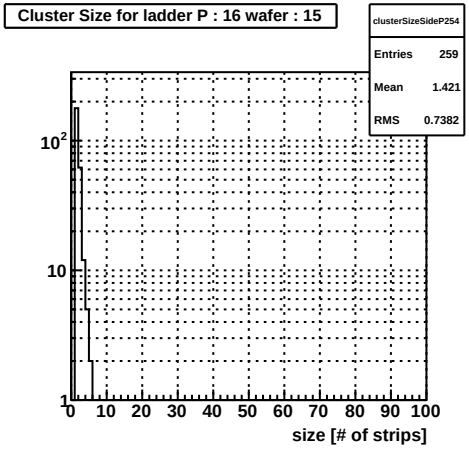

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 230
Mean 1.461
RMS 0.7944
size [# of strips]

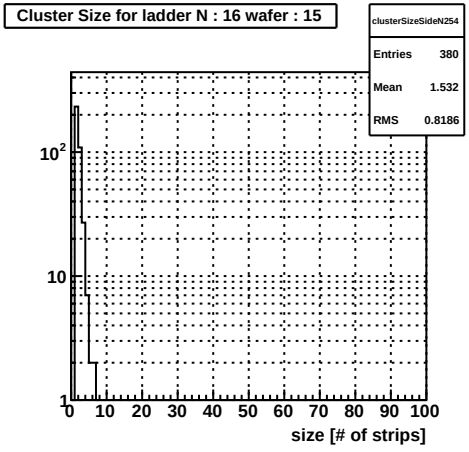

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

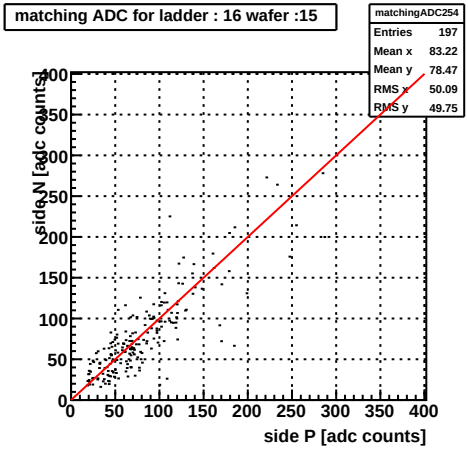

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

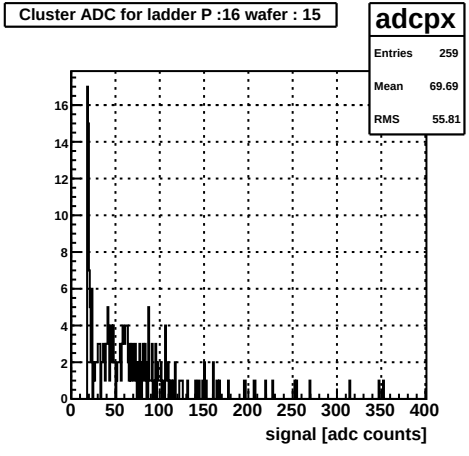

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 230
Mean 74.32
RMS 58.8
signal [adc counts]

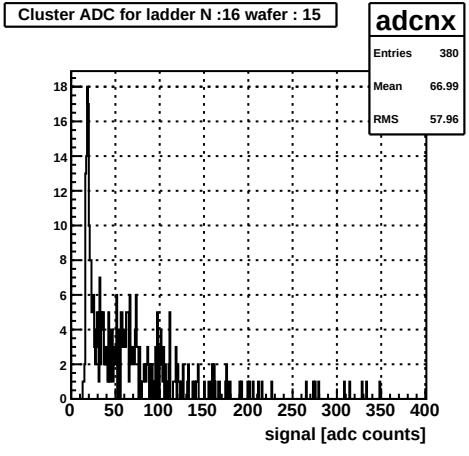

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

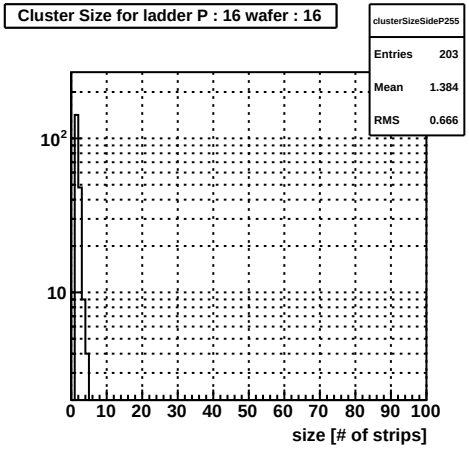

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 259
Mean 1.421
RMS 0.7382
size [# of strips]

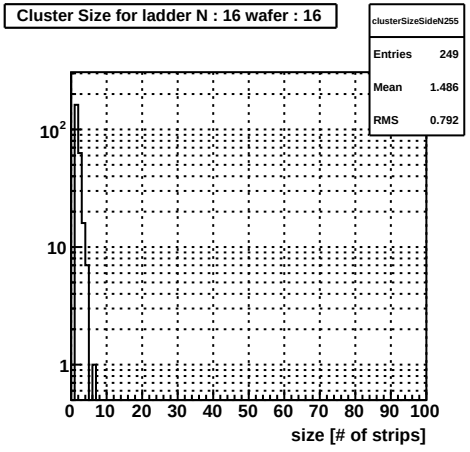

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 380
Mean 1.532
RMS 0.8186
size [# of strips]

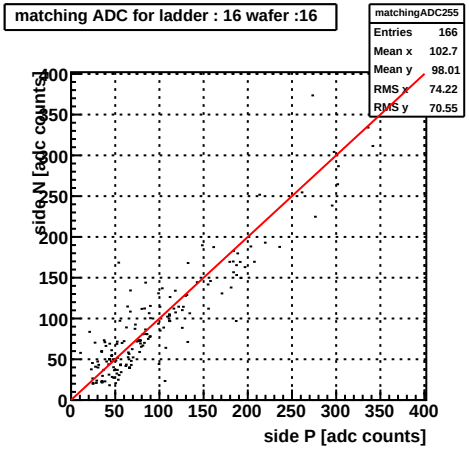

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 197
Mean x 83.22
Mean y 78.47
RMS x 50.09
RMS y 49.75
side N [adc counts]
side P [adc counts]

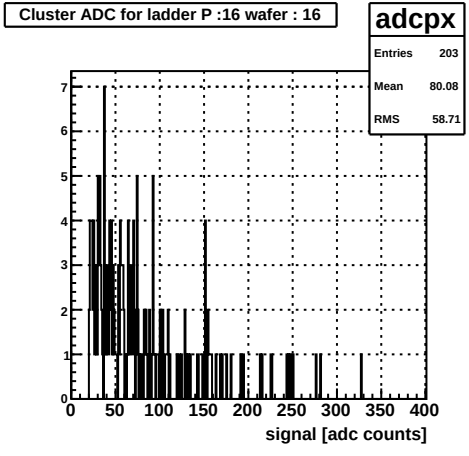

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 259
Mean 69.69
RMS 55.81
signal [adc counts]

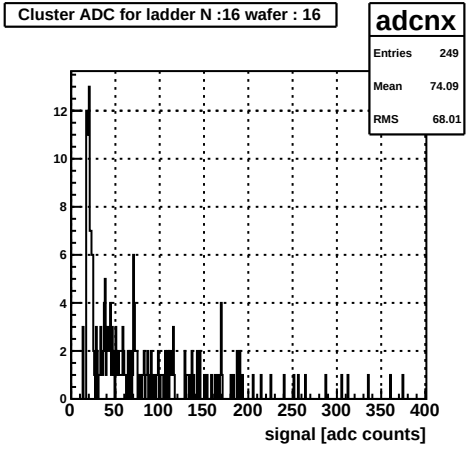

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 380
Mean 66.99
RMS 57.96
signal [adc counts]

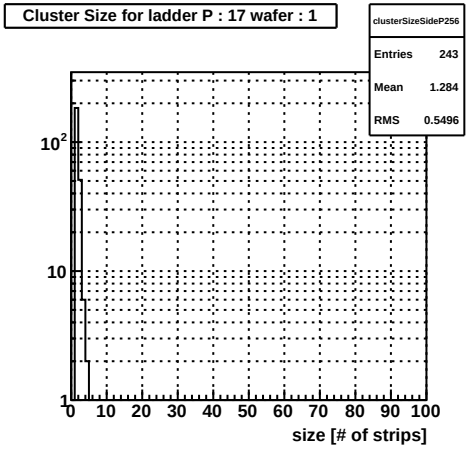

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 203
Mean 1.384
RMS 0.666
size [# of strips]

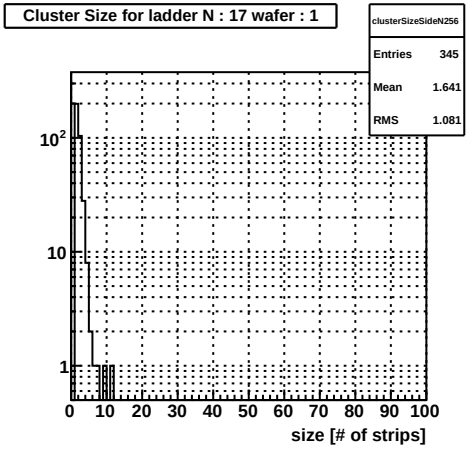

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 249
Mean 1.486
RMS 0.792
size [# of strips]

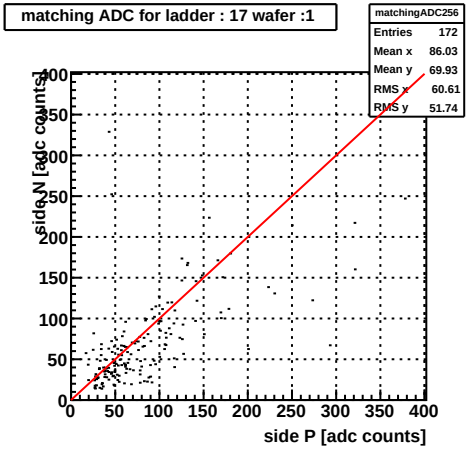

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 166
Mean x 102.7
Mean y 98.01
RMS x 74.22
RMS y 70.55
side N [adc counts]
side P [adc counts]

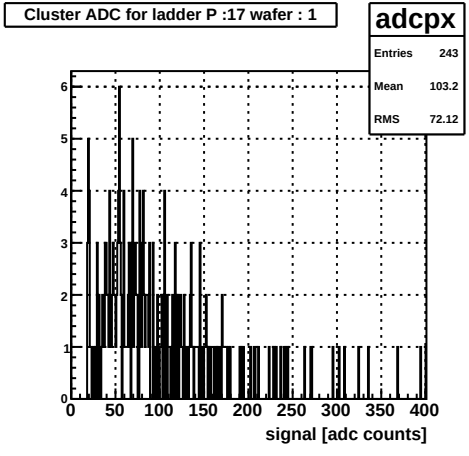

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 203
Mean 80.08
RMS 58.71
signal [adc counts]

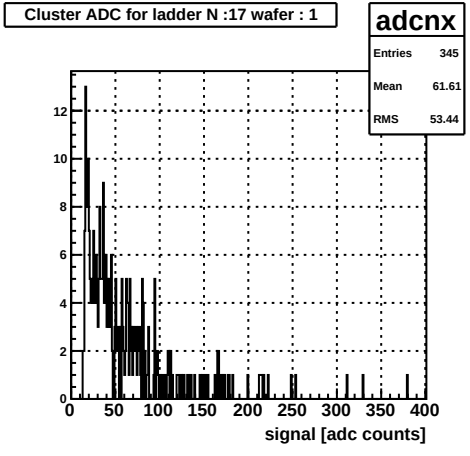

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 249
Mean 74.09
RMS 68.01
signal [adc counts]

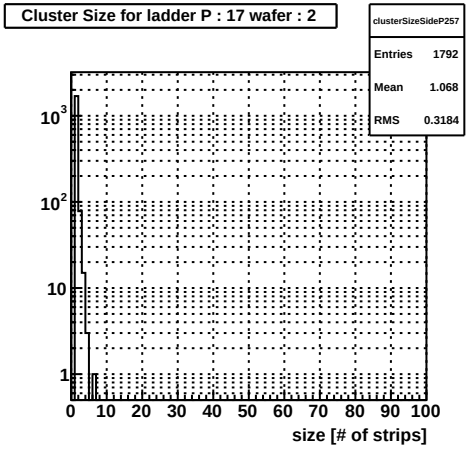

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 243
Mean 1.284
RMS 0.5496
size [# of strips]

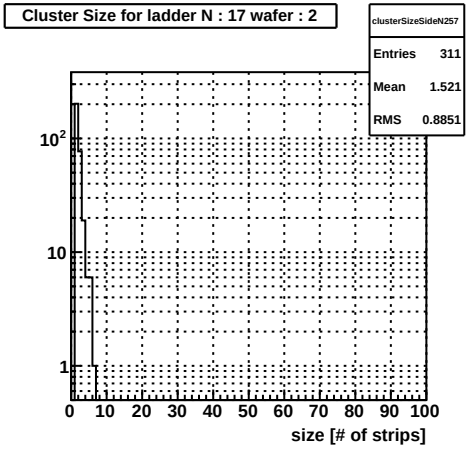

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 345
Mean 1.641
RMS 1.081
size [# of strips]

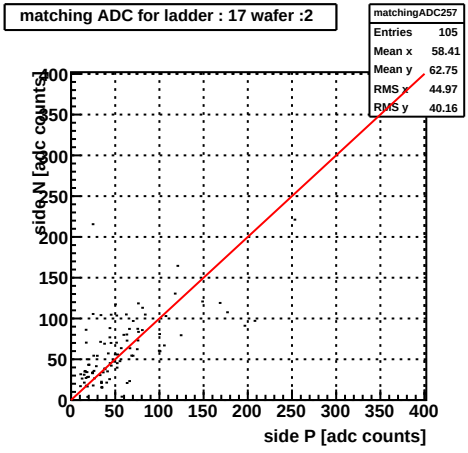

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 172
Mean x 86.03
Mean y 69.93
RMS x 60.61
RMS y 51.74
side N [adc counts]
side P [adc counts]

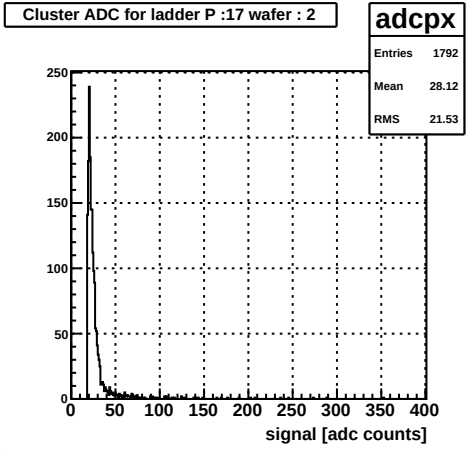

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 243
Mean 103.2
RMS 72.12
signal [adc counts]

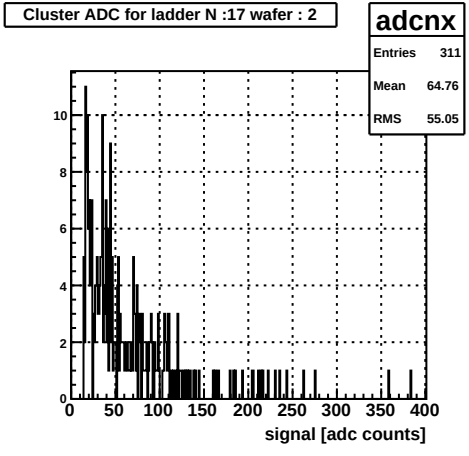

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 345
Mean 61.61
RMS 53.44
signal [adc counts]

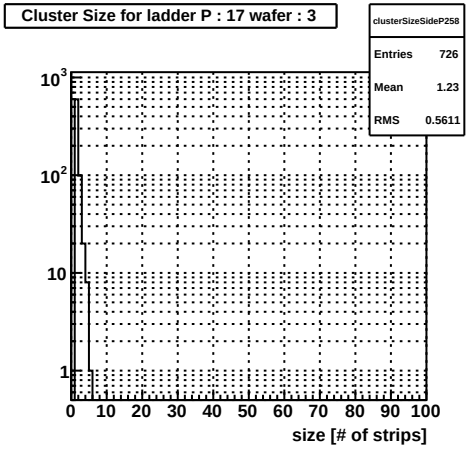

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 1792
Mean 1.068
RMS 0.3184
size [# of strips]

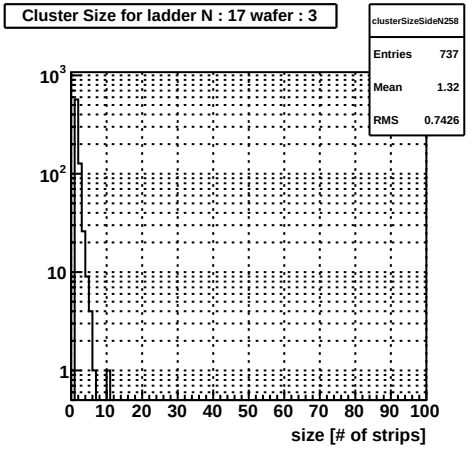

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 311
Mean 1.521
RMS 0.8851
size [# of strips]

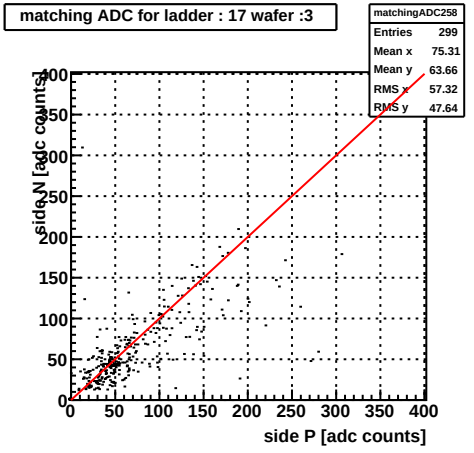

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 105
Mean x 58.41
Mean y 62.75
RMS x 44.97
RMS y 40.16
side N [adc counts]
side P [adc counts]

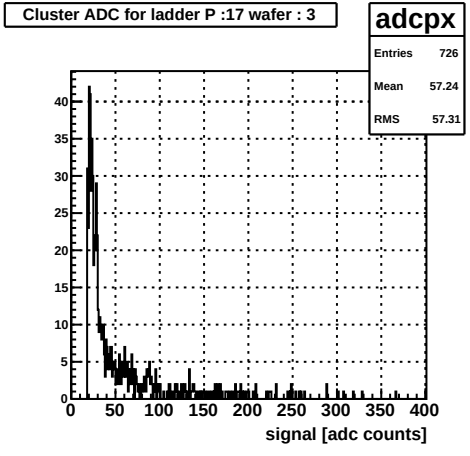

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 1792
Mean 28.12
RMS 21.53
signal [adc counts]

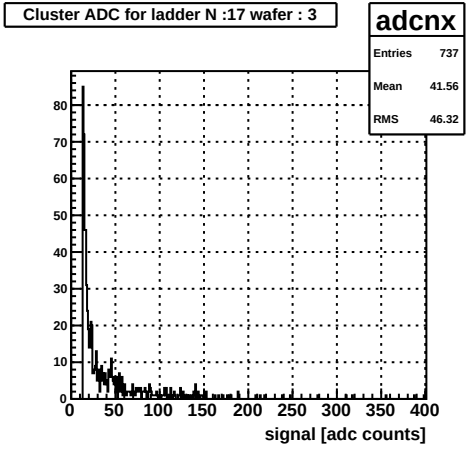

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 311
Mean 64.76
RMS 55.05
signal [adc counts]

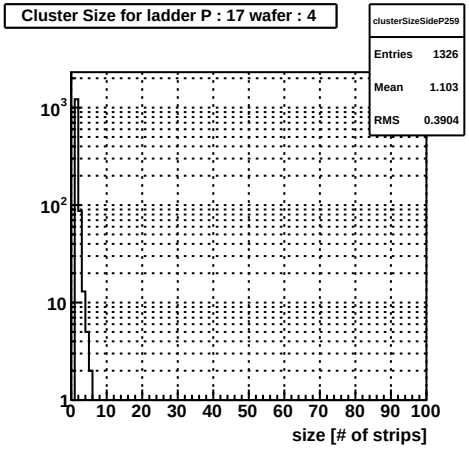

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 726
Mean 1.23
RMS 0.5611
size [# of strips]

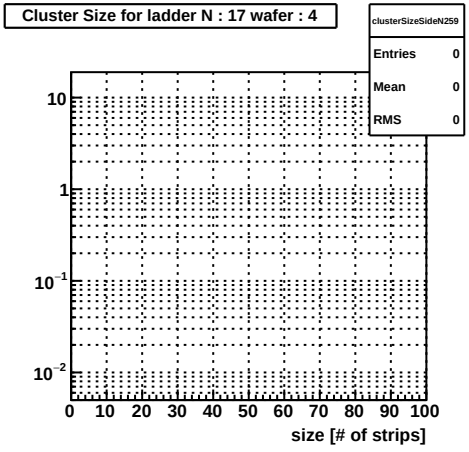

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 737
Mean 1.32
RMS 0.7426
size [# of strips]

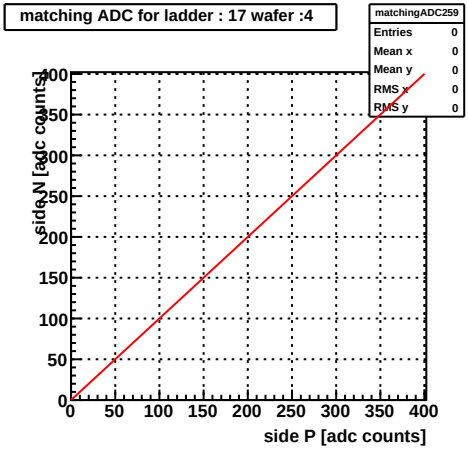

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 299
Mean x 75.31
Mean y 63.66
RMS x 57.32
RMS y 47.64
side N [adc counts]
side P [adc counts]

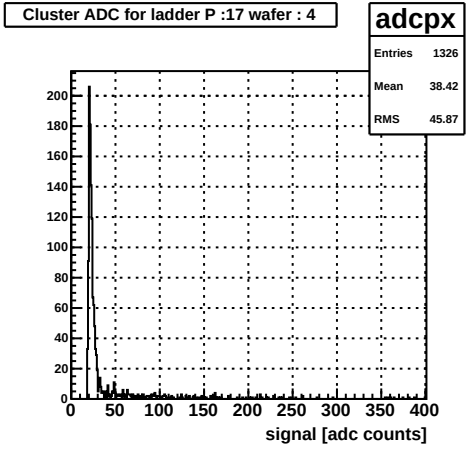

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 726
Mean 57.24
RMS 57.31
signal [adc counts]

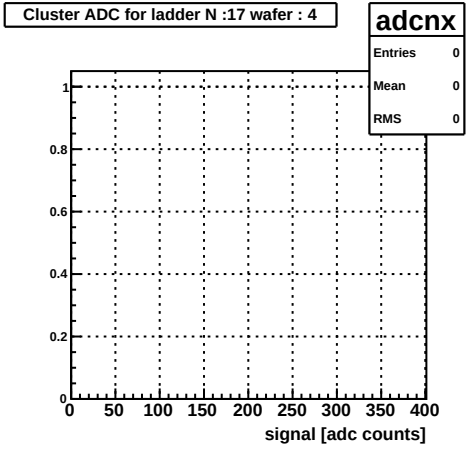

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 737
Mean 41.56
RMS 46.32
signal [adc counts]

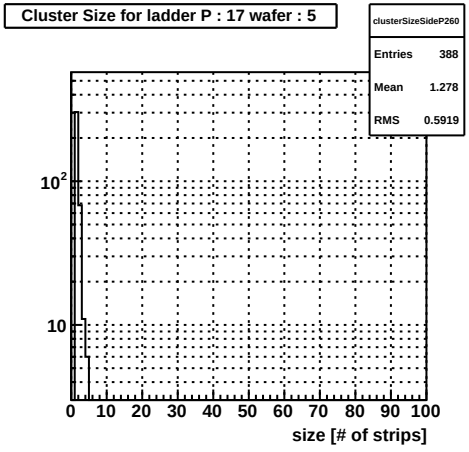

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 1326
Mean 1.103
RMS 0.3904
size [# of strips]

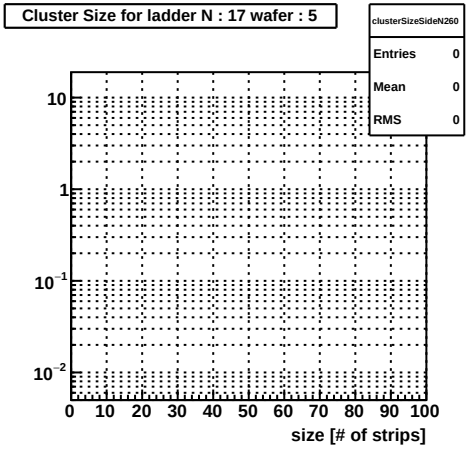

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

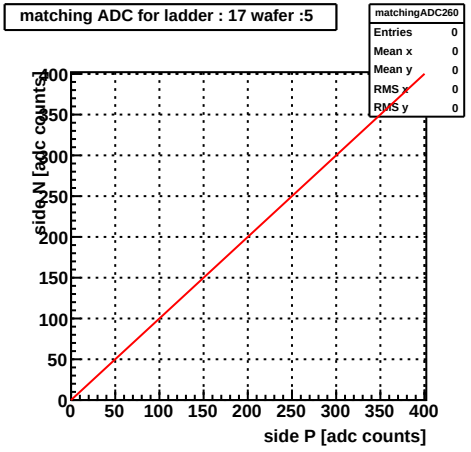

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

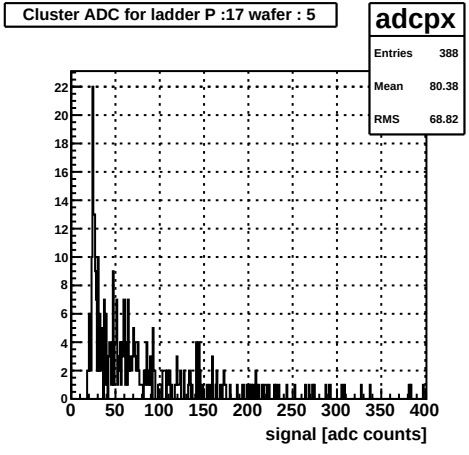

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 1326
Mean 38.42
RMS 45.87
signal [adc counts]

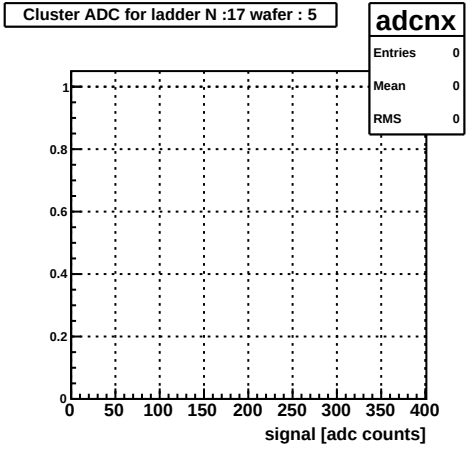

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

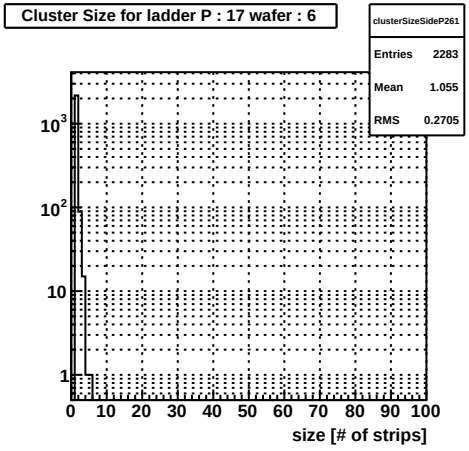

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 388
Mean 1.278
RMS 0.5919
size [# of strips]

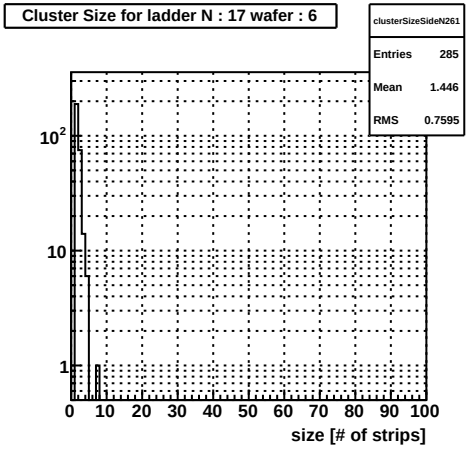

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

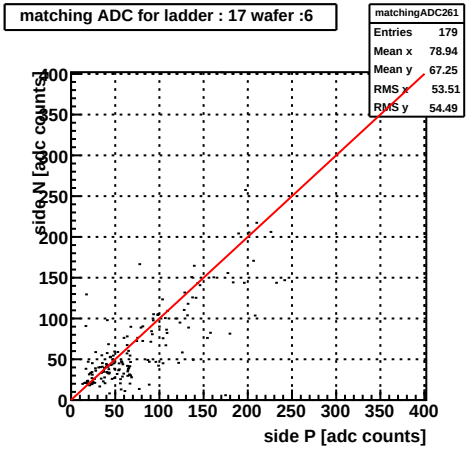

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

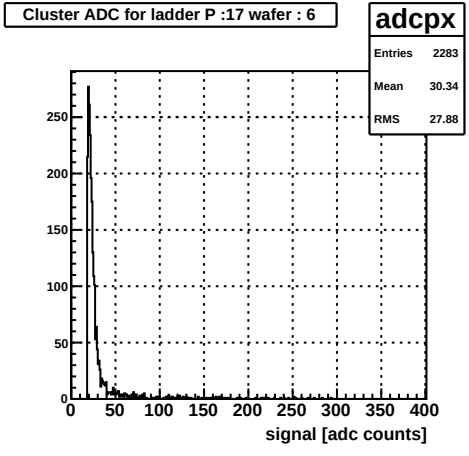

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 388
Mean 80.38
RMS 68.82
signal [adc counts]

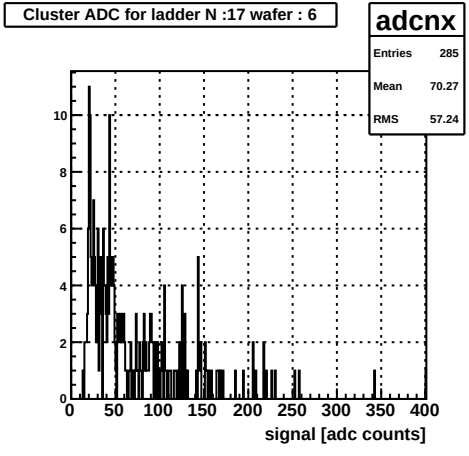

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

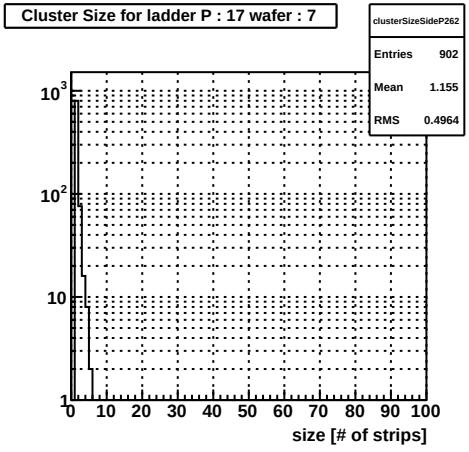

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 2283
Mean 1.055
RMS 0.2705
size [# of strips]

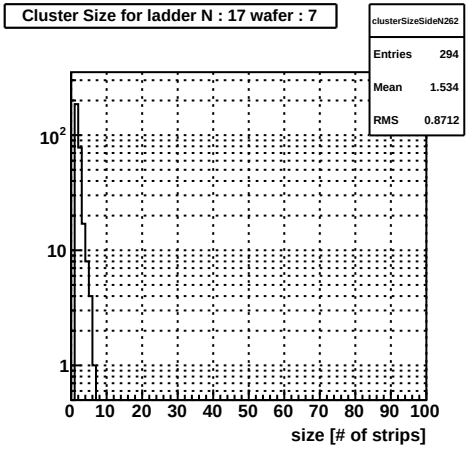

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 285
Mean 1.446
RMS 0.7595
size [# of strips]

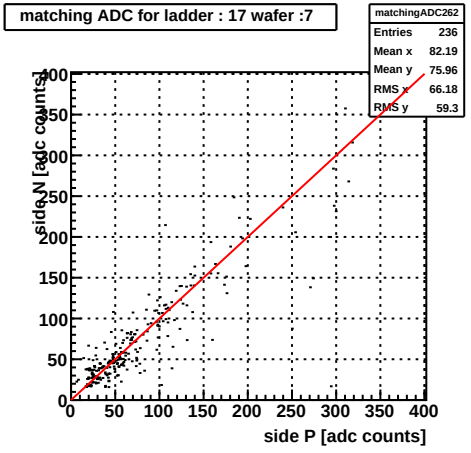

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 179
Mean x 78.94
Mean y 67.25
RMS x 53.51
RMS y 54.49
side N [adc counts]
side P [adc counts]

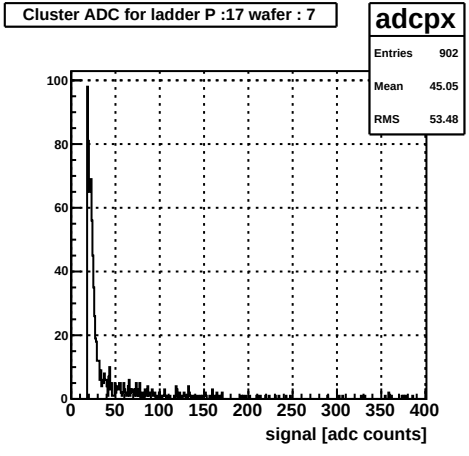

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 2283
Mean 30.34
RMS 27.88
signal [adc counts]

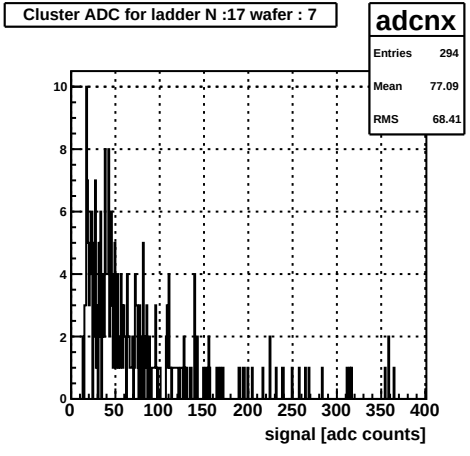

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 285
Mean 70.27
RMS 57.24
signal [adc counts]

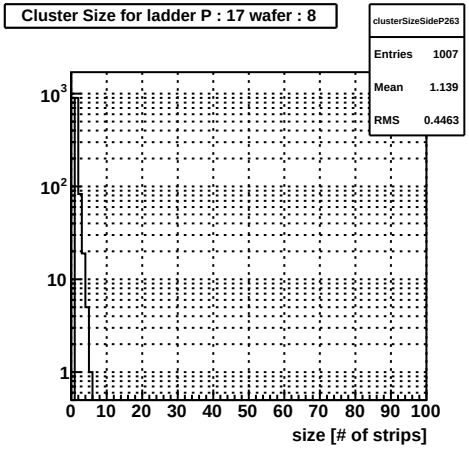

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 902
Mean 1.155
RMS 0.4964
size [# of strips]

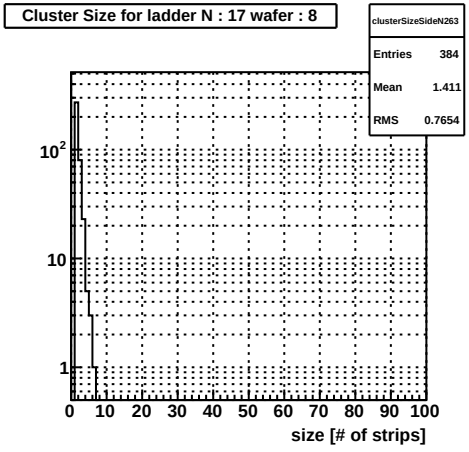

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 294
Mean 1.534
RMS 0.8712
size [# of strips]

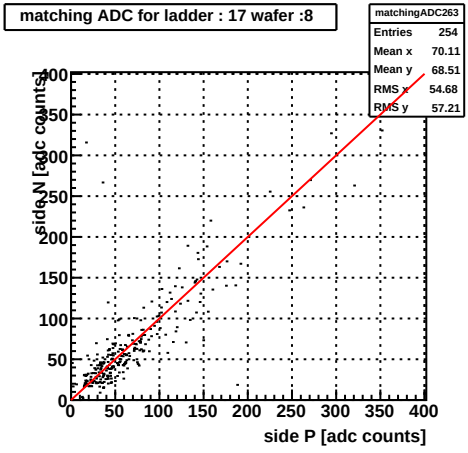

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 236
Mean x 82.19
Mean y 75.96
RMS x 66.18
RMS y 59.3
side N [adc counts]
side P [adc counts]

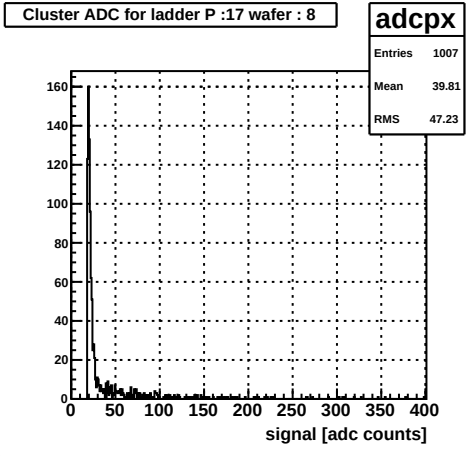

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 902
Mean 45.05
RMS 53.48
signal [adc counts]

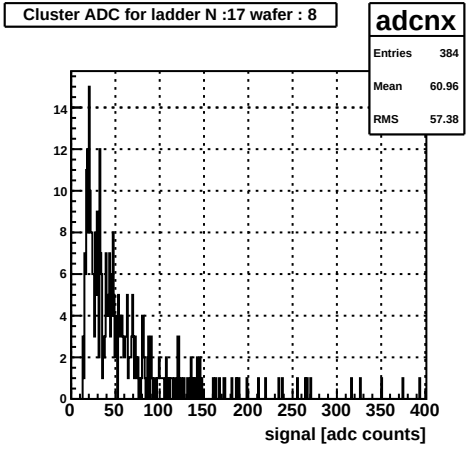

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 294
Mean 77.09
RMS 68.41
signal [adc counts]

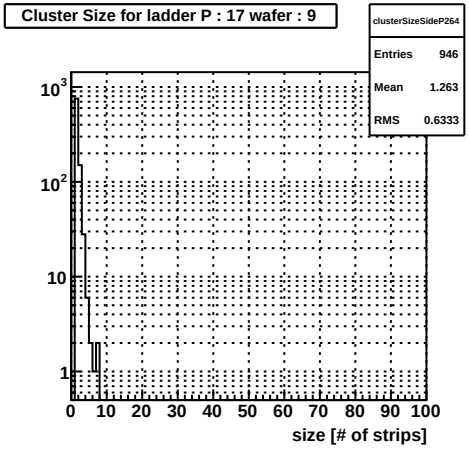

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 1007
Mean 1.139
RMS 0.4463
size [# of strips]

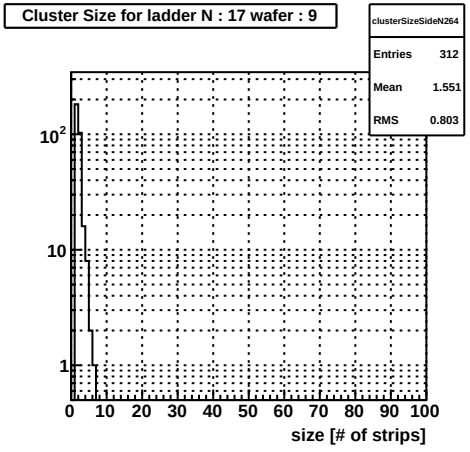

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 384
Mean 1.411
RMS 0.7654
size [# of strips]

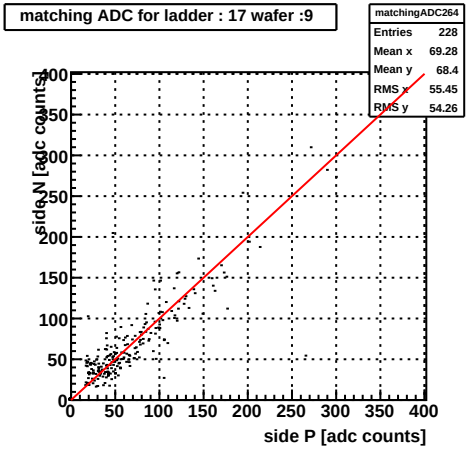

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 254
Mean x 70.11
Mean y 68.51
RMS x 54.68
RMS y 57.21
side N [adc counts]
side P [adc counts]

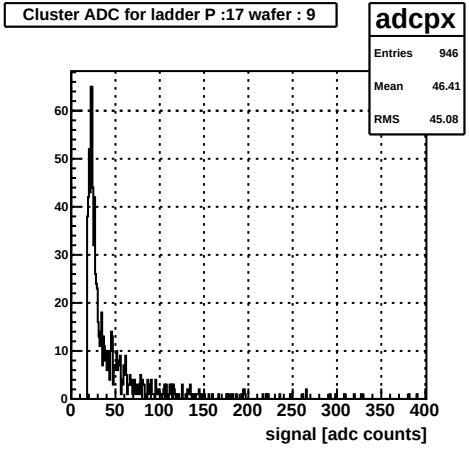

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 1007
Mean 39.81
RMS 47.23
signal [adc counts]

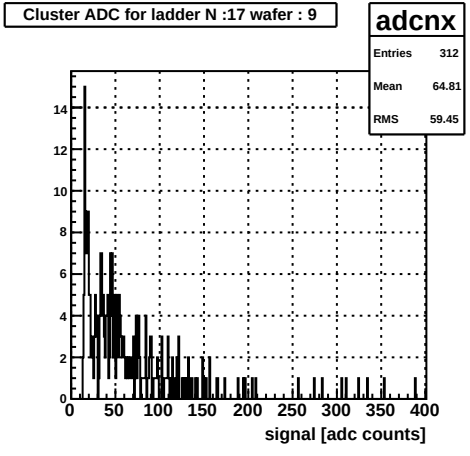

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 384
Mean 60.96
RMS 57.38
signal [adc counts]

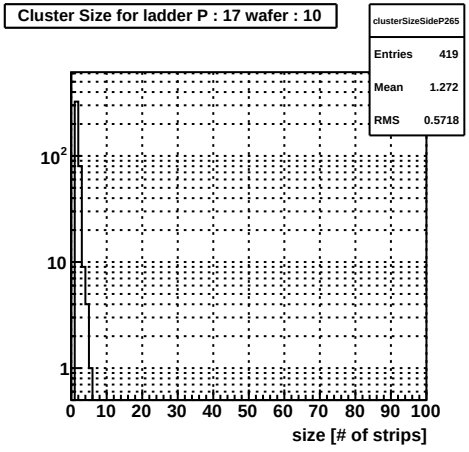

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 946
Mean 1.263
RMS 0.6333
size [# of strips]

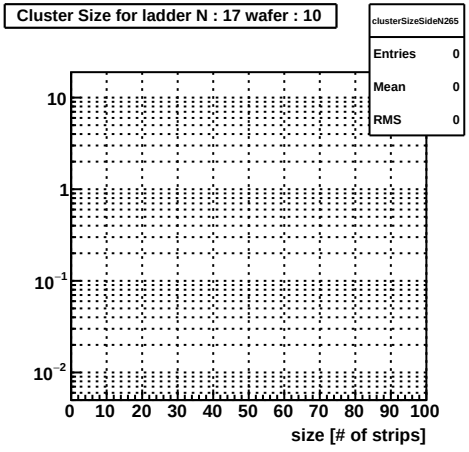

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 312
Mean 1.551
RMS 0.803
size [# of strips]

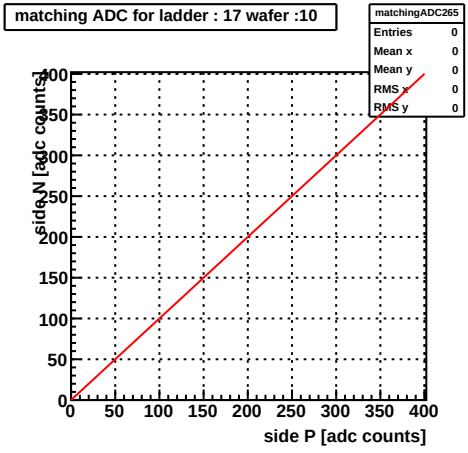

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 228
Mean x 69.28
Mean y 68.4
RMS x 55.45
RMS y 54.26
side N [adc counts]
side P [adc counts]

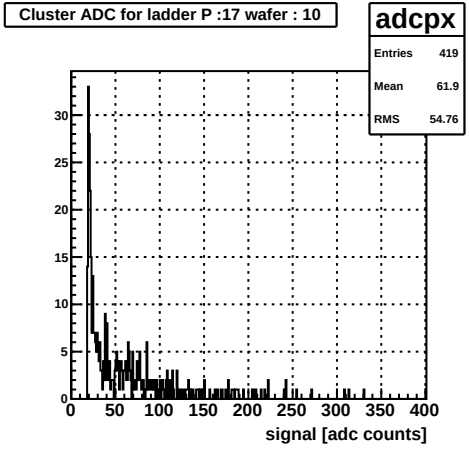

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 946
Mean 46.41
RMS 45.08
signal [adc counts]

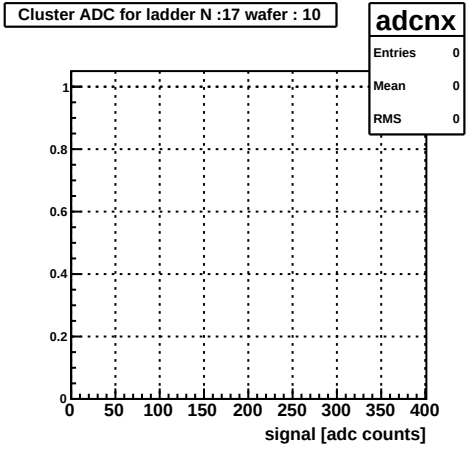

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 312
Mean 64.81
RMS 59.45
signal [adc counts]

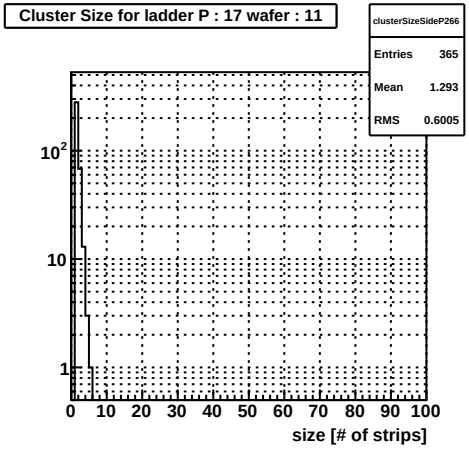

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 419
Mean 1.272
RMS 0.5718
size [# of strips]

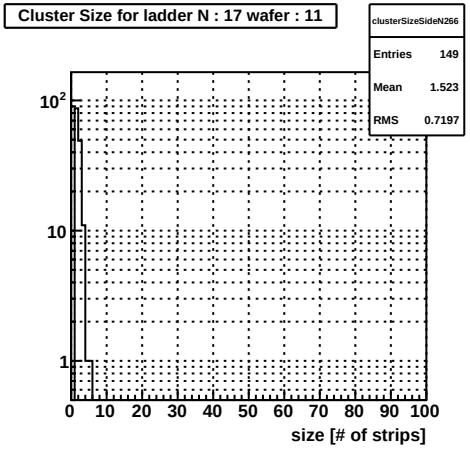

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 0
Mean 0
RMS 0
size [# of strips]

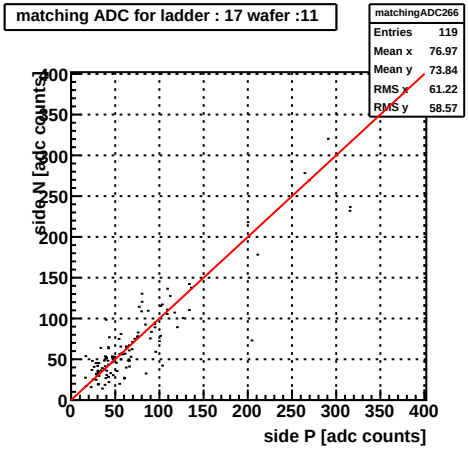

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

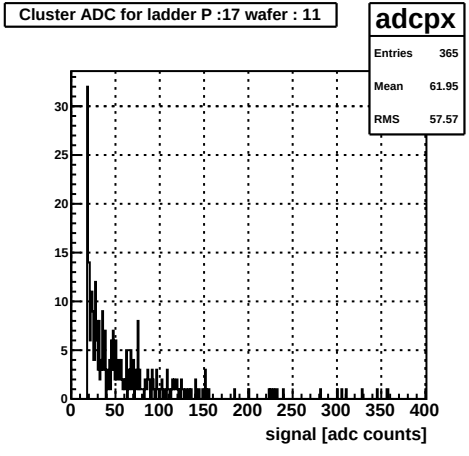

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 419
Mean 61.9
RMS 54.76
signal [adc counts]

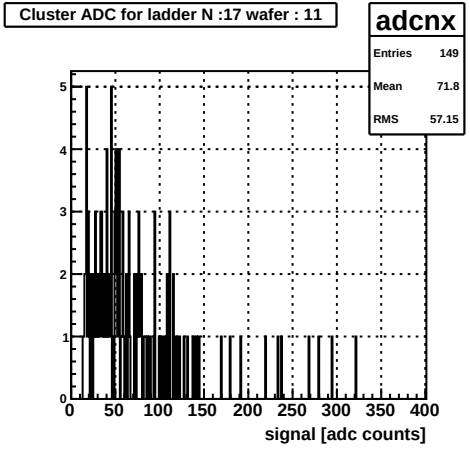

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

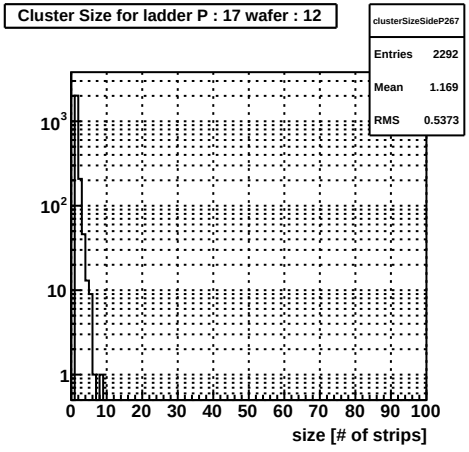

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 365
Mean 1.293
RMS 0.6005
size [# of strips]

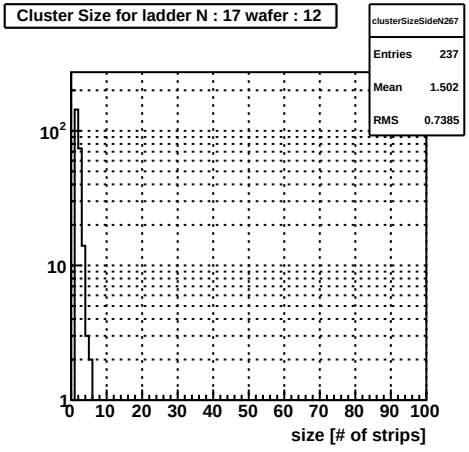

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 149
Mean 1.523
RMS 0.7197
size [# of strips]

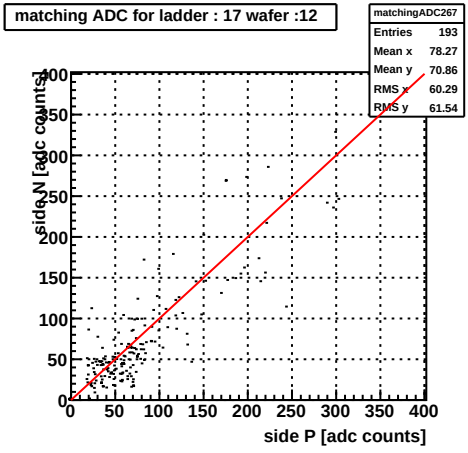

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 119
Mean x 76.97
Mean y 73.84
RMS x 61.22
RMS y 58.57
side N [adc counts]
side P [adc counts]

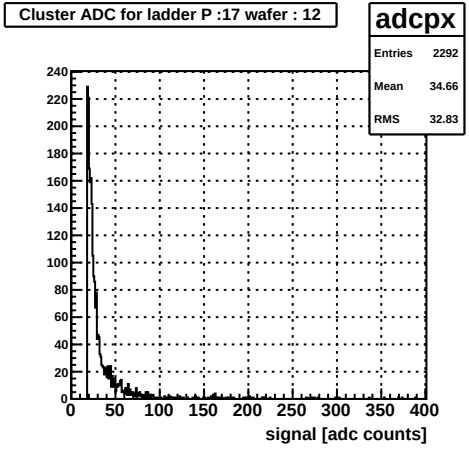

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 365
Mean 61.95
RMS 57.57
signal [adc counts]

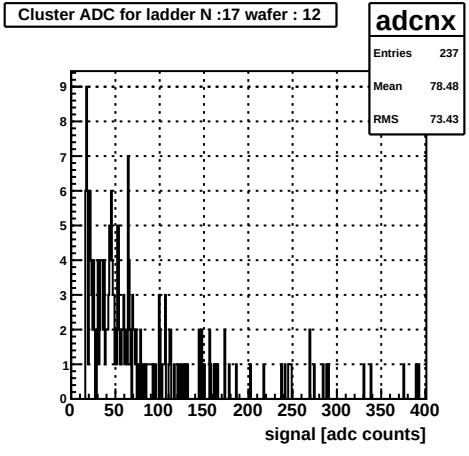

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 149
Mean 71.8
RMS 57.15
signal [adc counts]

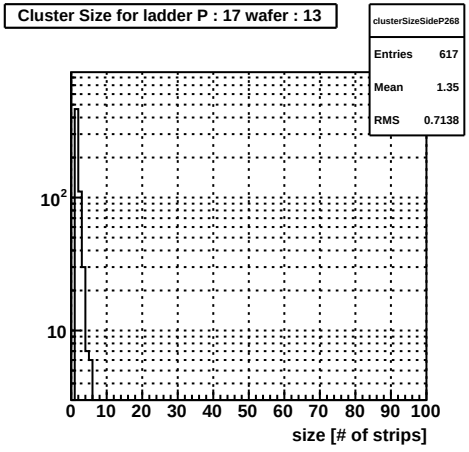

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 2292
Mean 1.169
RMS 0.5373
size [# of strips]

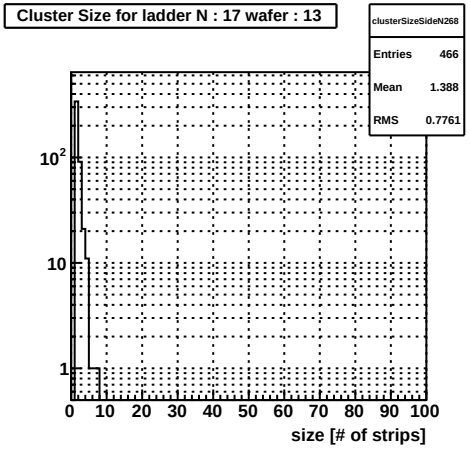

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 237
Mean 1.502
RMS 0.7385
size [# of strips]

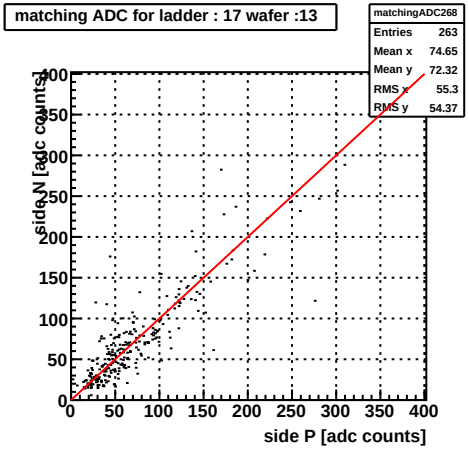

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 193
Mean x 78.27
Mean y 70.86
RMS x 60.29
RMS y 61.54
side N [adc counts]
side P [adc counts]

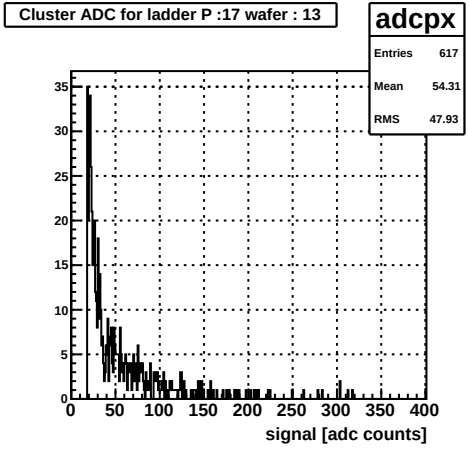

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 2292
Mean 34.66
RMS 32.83
signal [adc counts]

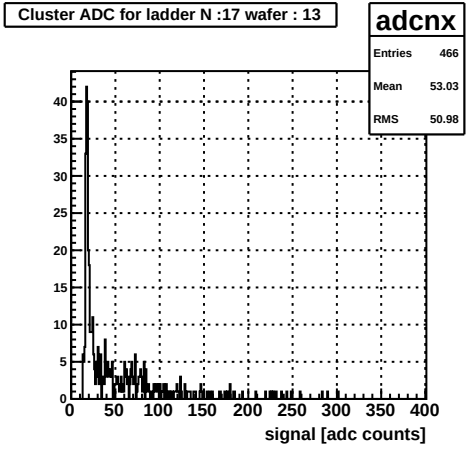

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 237
Mean 78.48
RMS 73.43
signal [adc counts]

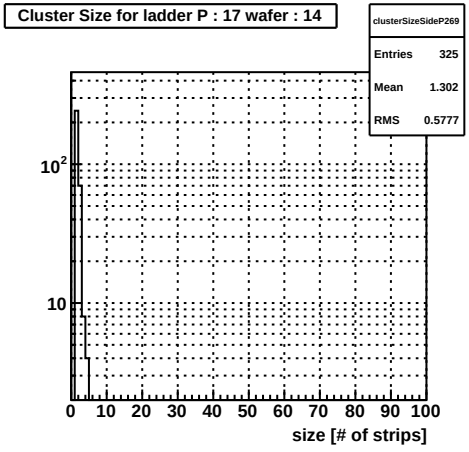

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 617
Mean 1.35
RMS 0.7138
size [# of strips]

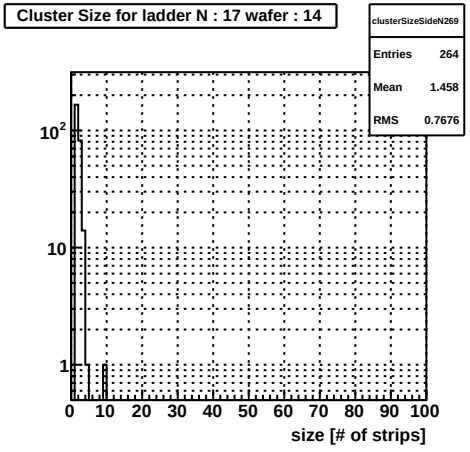

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 466
Mean 1.388
RMS 0.7761
size [# of strips]

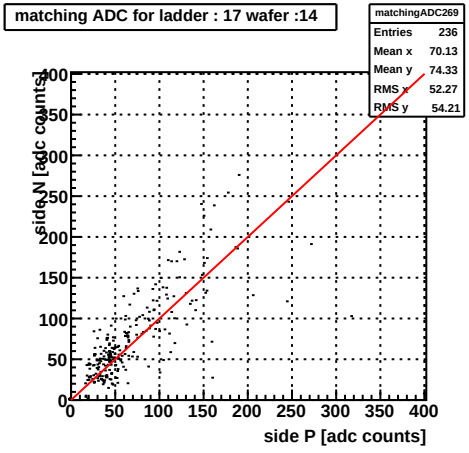

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 263
Mean x 74.65
Mean y 72.32
RMS x 55.3
RMS y 54.37
side N [adc counts]
side P [adc counts]

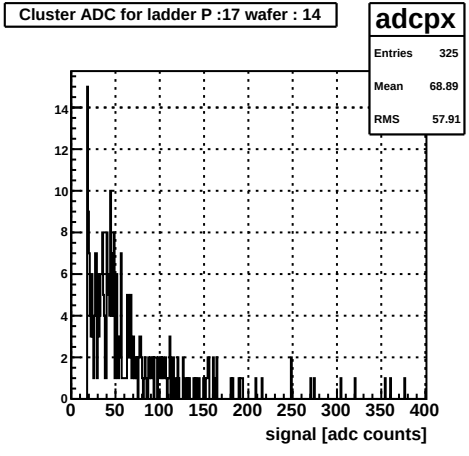

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 617
Mean 54.31
RMS 47.93
signal [adc counts]

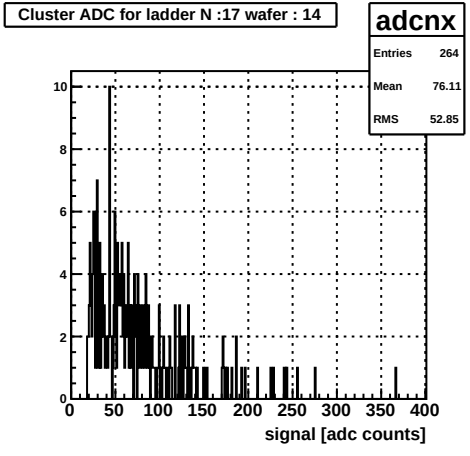

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 466
Mean 53.03
RMS 50.98
signal [adc counts]

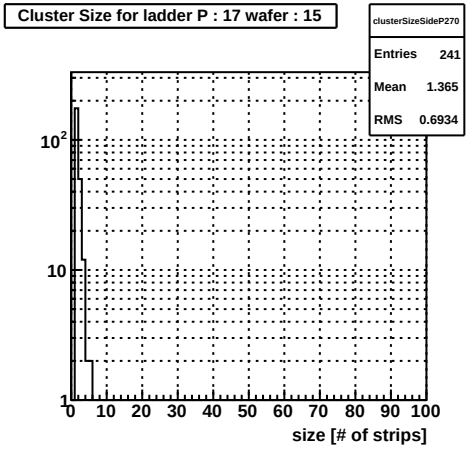

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 325
Mean 1.302
RMS 0.5777
size [# of strips]

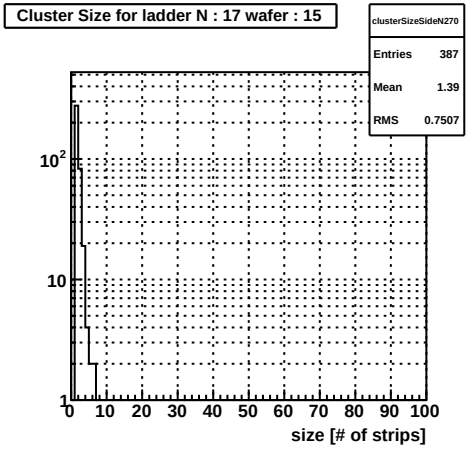

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 264
Mean 1.458
RMS 0.7676
size [# of strips]

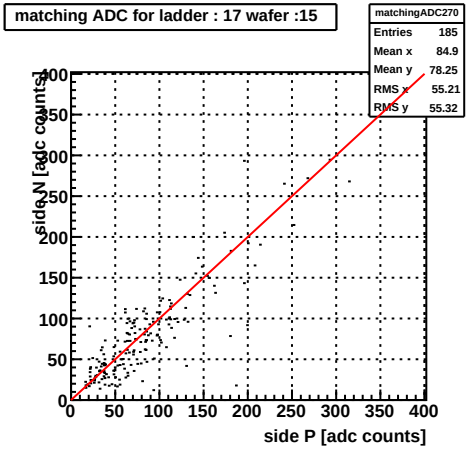

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 236
Mean x 70.13
Mean y 74.33
RMS x 52.27
RMS y 54.21
side N [adc counts]
side P [adc counts]

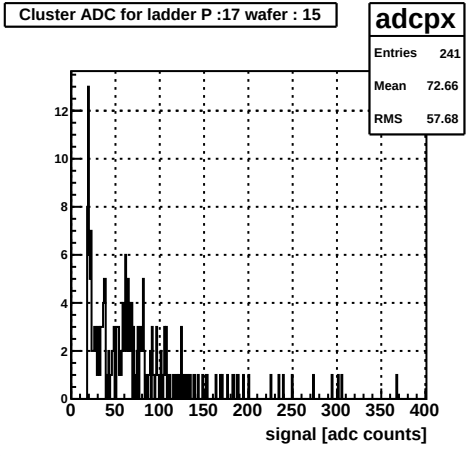

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 325
Mean 68.89
RMS 57.91
signal [adc counts]

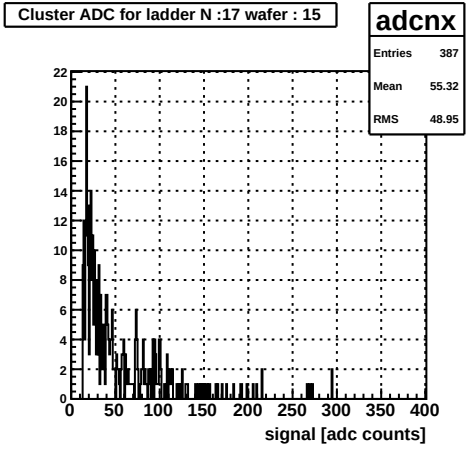

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 264
Mean 76.11
RMS 52.85
signal [adc counts]

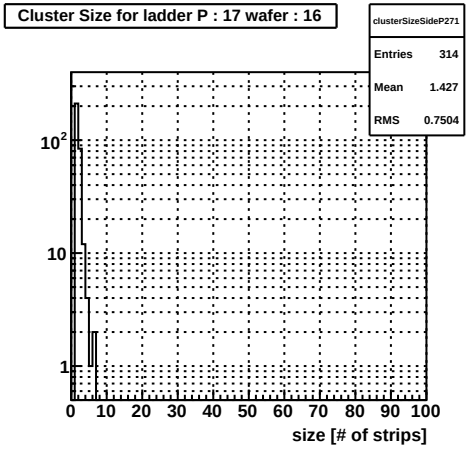

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 241
Mean 1.365
RMS 0.6934
size [# of strips]

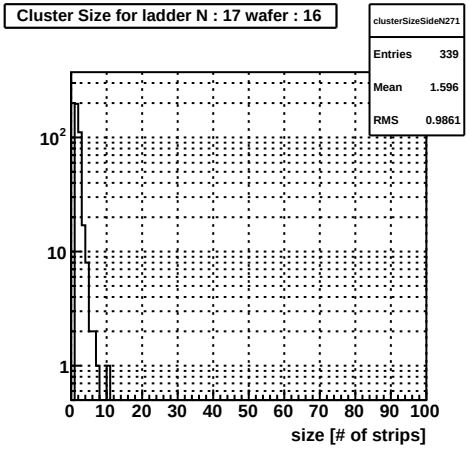

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 387
Mean 1.39
RMS 0.7507
size [# of strips]

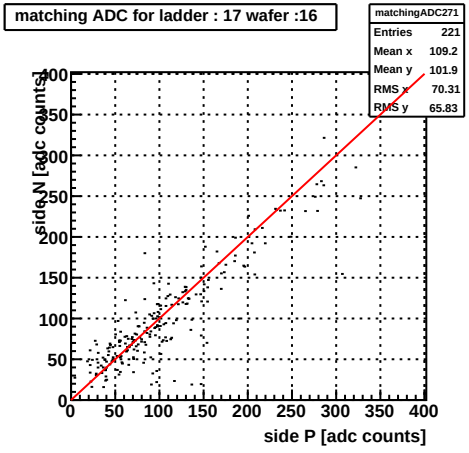

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 185
Mean x 84.9
Mean y 78.25
RMS x 55.21
RMS y 55.32
side N [adc counts]
side P [adc counts]

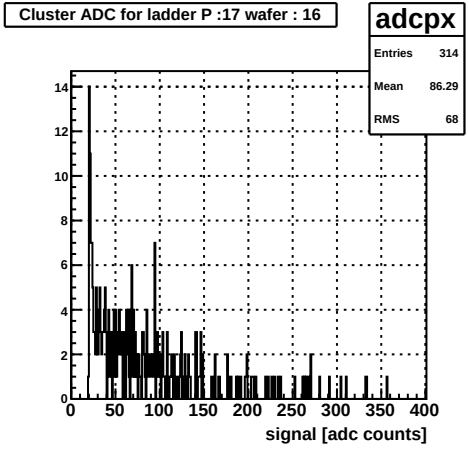

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 241
Mean 72.66
RMS 57.68
signal [adc counts]

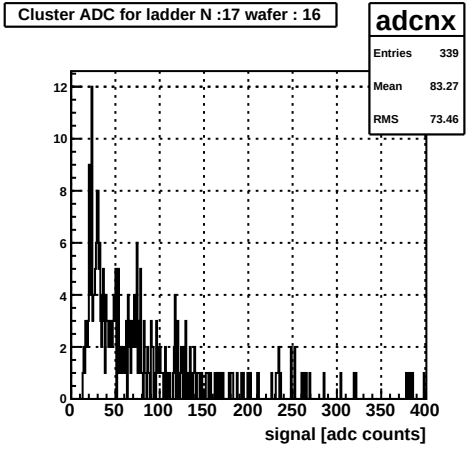

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 387
Mean 55.32
RMS 48.95
signal [adc counts]

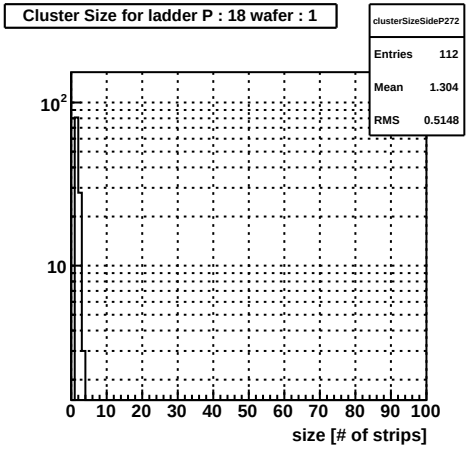

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 314
Mean 1.427
RMS 0.7504
size [# of strips]

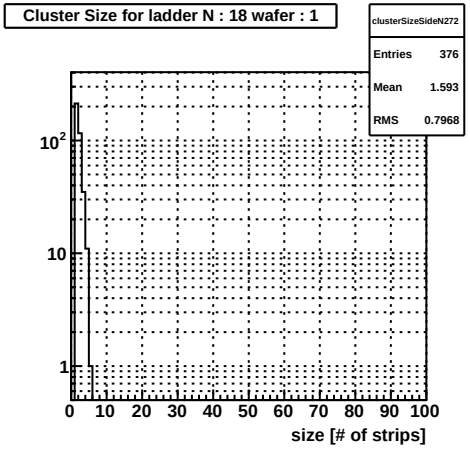

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 339
Mean 1.596
RMS 0.9861
size [# of strips]

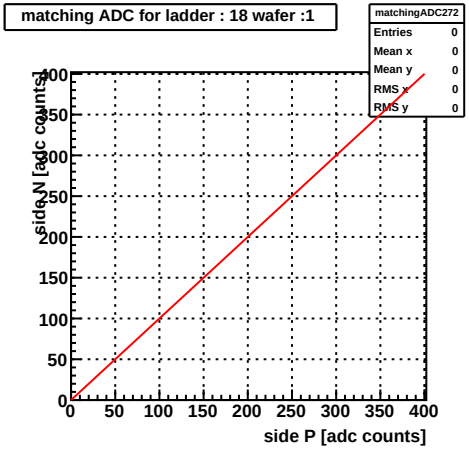

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 221
Mean x 109.2
Mean y 101.9
RMS x 70.31
RMS y 65.83
side N [adc counts]
side P [adc counts]

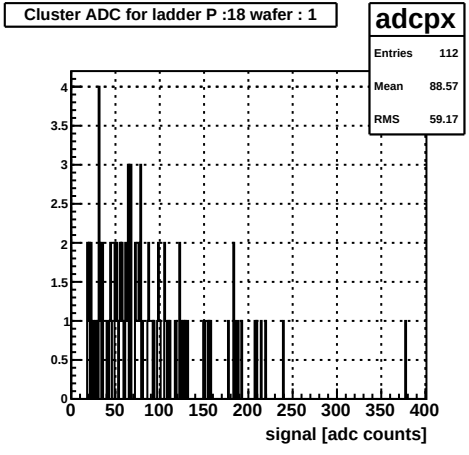

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 314
Mean 86.29
RMS 68
signal [adc counts]

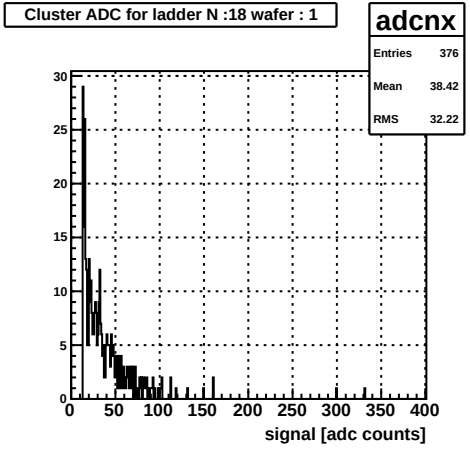

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 339
Mean 83.27
RMS 73.46
signal [adc counts]

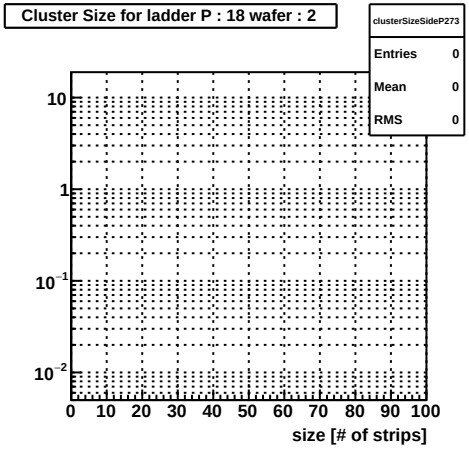

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 112
Mean 1.304
RMS 0.5148
size [# of strips]

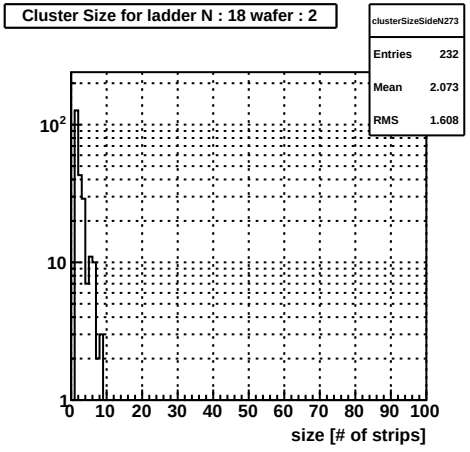

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 376
Mean 1.593
RMS 0.7968
size [# of strips]

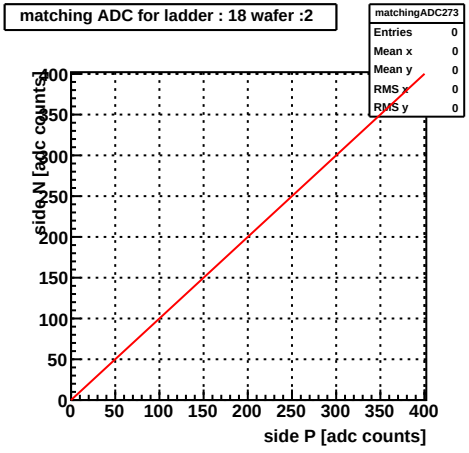

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

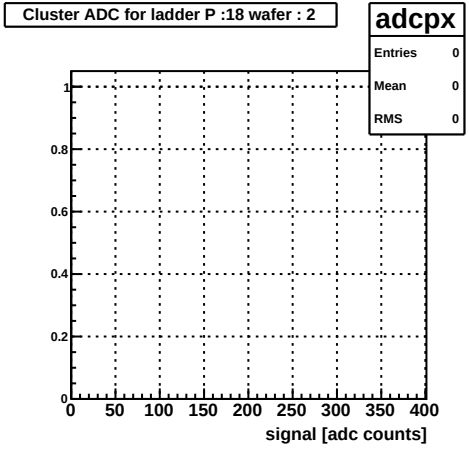

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 112
Mean 88.57
RMS 59.17
signal [adc counts]

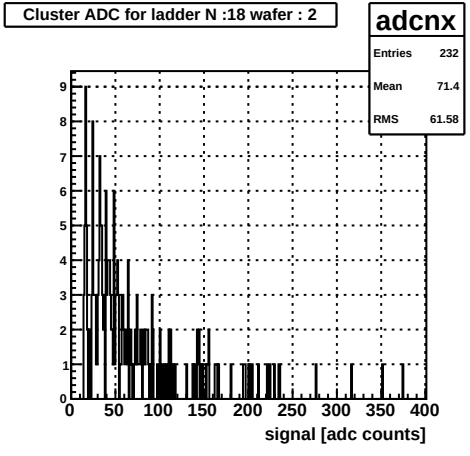

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 376
Mean 38.42
RMS 32.22
signal [adc counts]

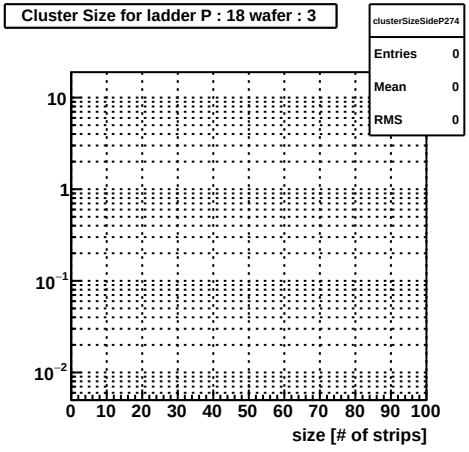

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

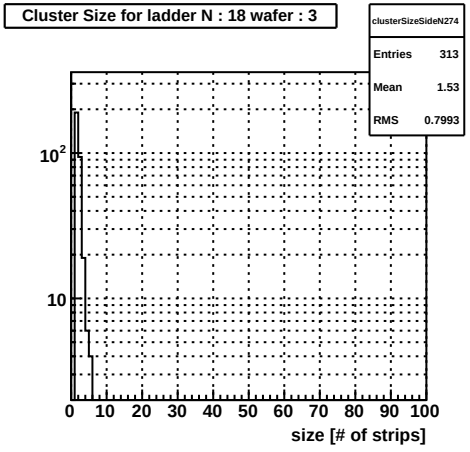

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 232
Mean 2.073
RMS 1.608
size [# of strips]

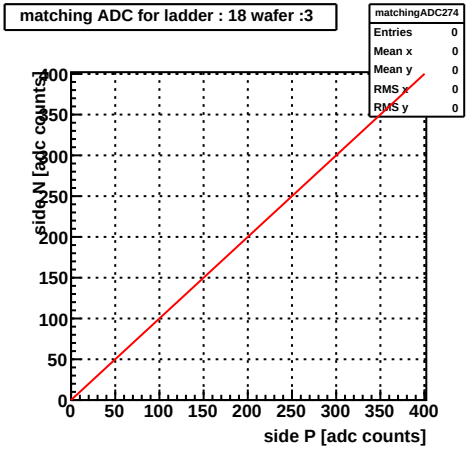

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

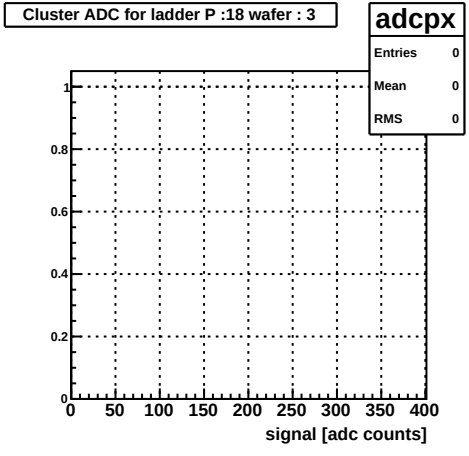

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

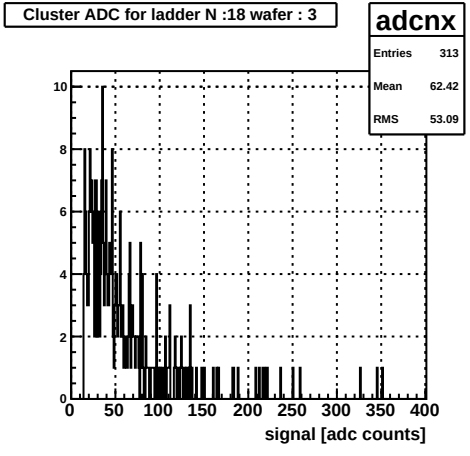

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 232
Mean 71.4
RMS 61.58
signal [adc counts]

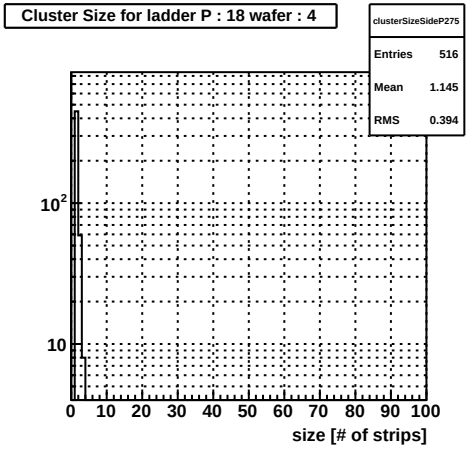

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

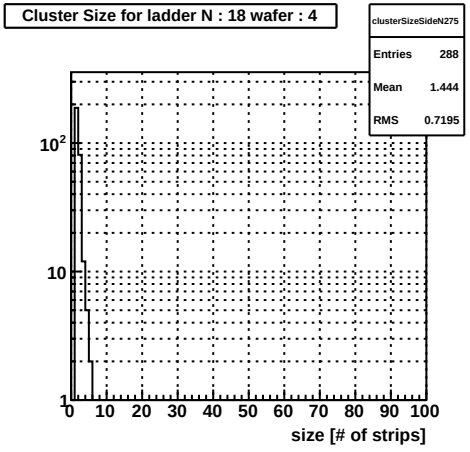

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 313
Mean 1.53
RMS 0.7993
size [# of strips]

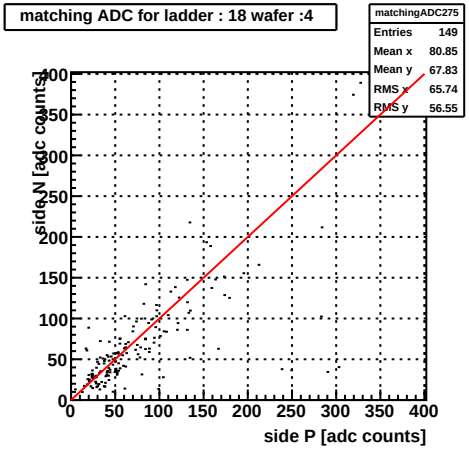

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

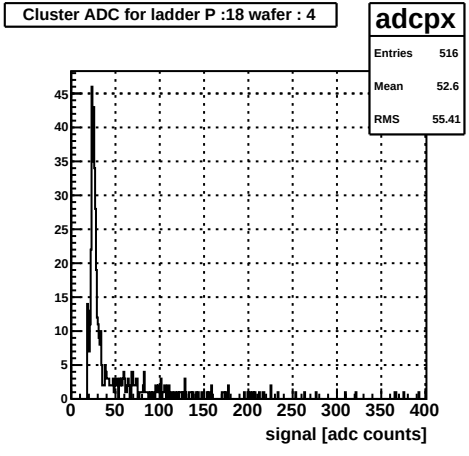

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

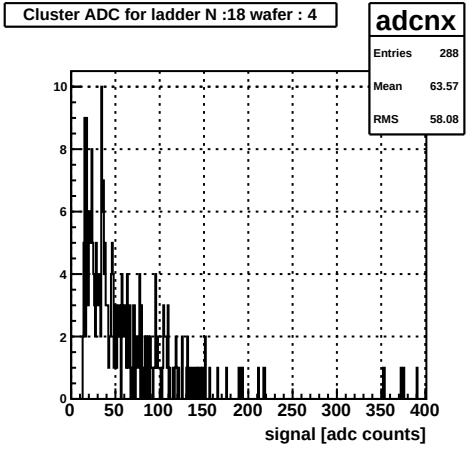

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 313
Mean 62.42
RMS 53.09
signal [adc counts]

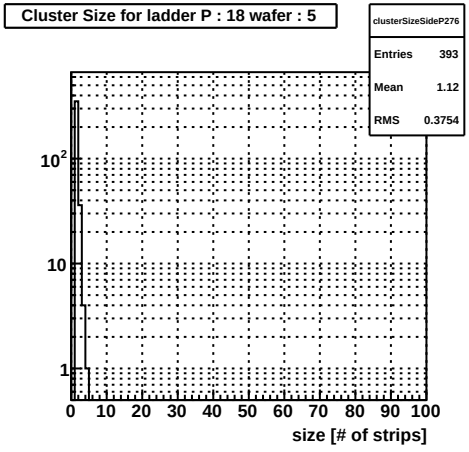

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 516
Mean 1.145
RMS 0.394
size [# of strips]

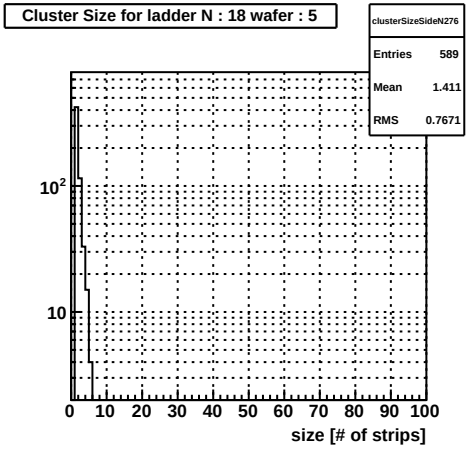

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 288
Mean 1.444
RMS 0.7195
size [# of strips]

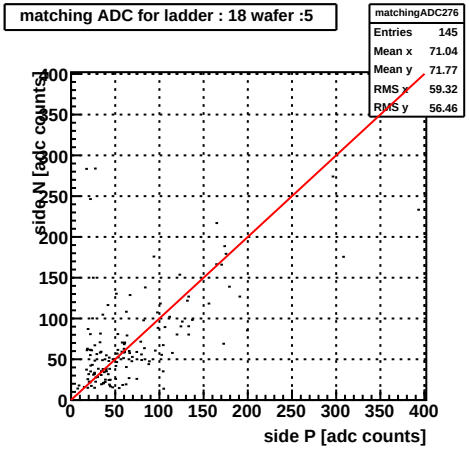

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 149
Mean x 80.85
Mean y 67.83
RMS x 65.74
RMS y 56.55
side N [adc counts]
side P [adc counts]

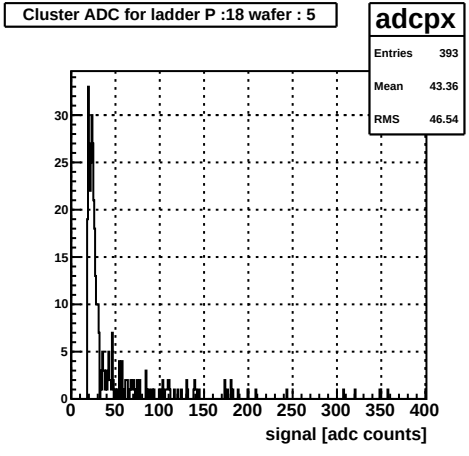

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 516
Mean 52.6
RMS 55.41
signal [adc counts]

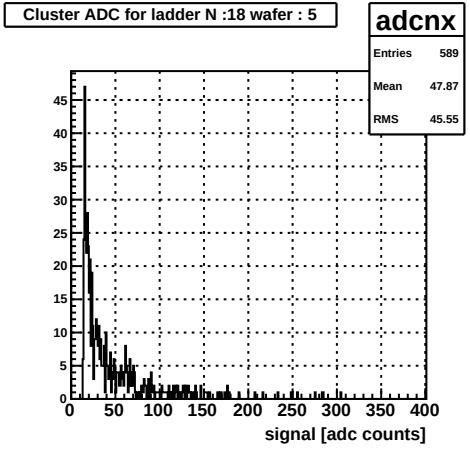

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 288
Mean 63.57
RMS 58.08
signal [adc counts]

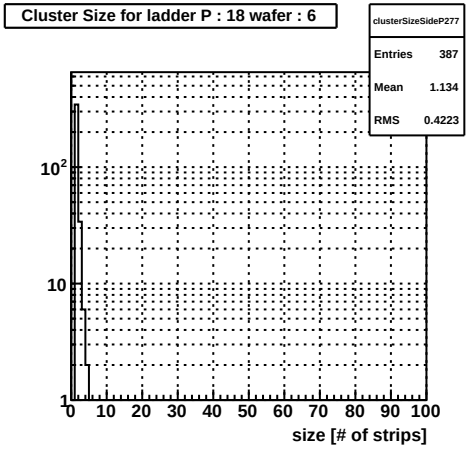

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 393
Mean 1.12
RMS 0.3754
size [# of strips]

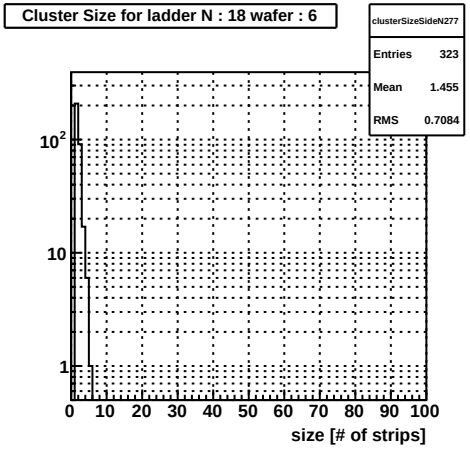

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 589
Mean 1.411
RMS 0.7671
size [# of strips]

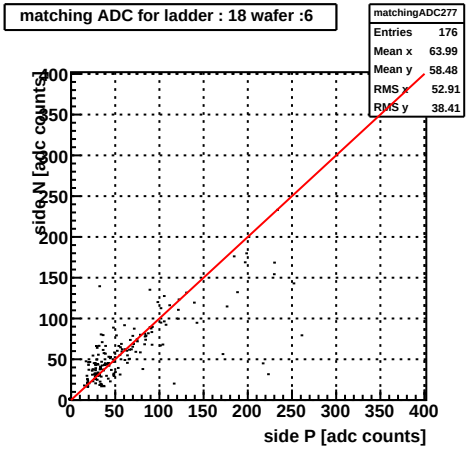

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 145
Mean x 71.04
Mean y 71.77
RMS x 59.32
RMS y 56.46
side N [adc counts]
side P [adc counts]

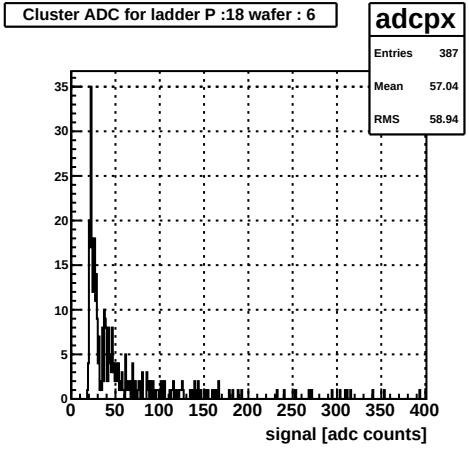

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 393
Mean 43.36
RMS 46.54
signal [adc counts]

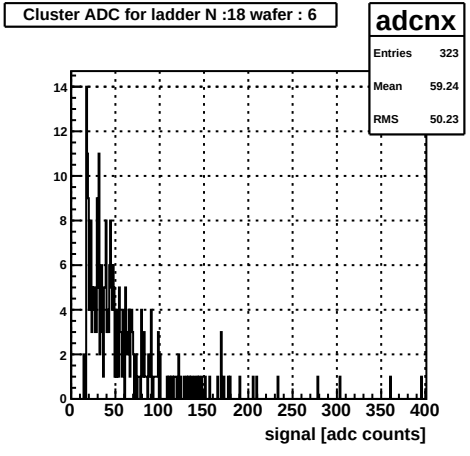

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 589
Mean 47.87
RMS 45.55
signal [adc counts]

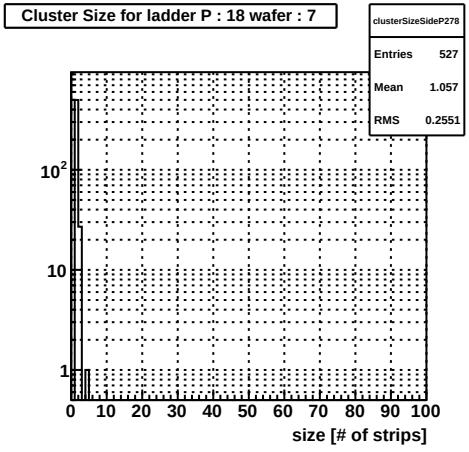

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 387
Mean 1.134
RMS 0.4223
size [# of strips]

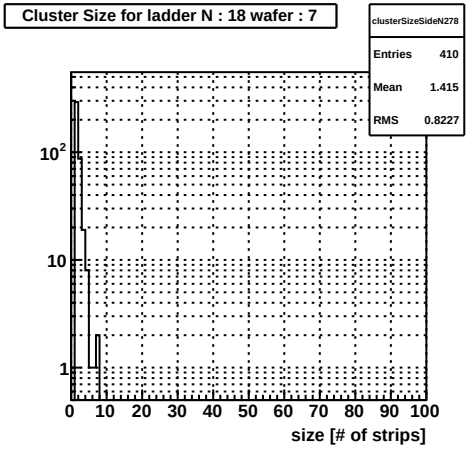

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 323
Mean 1.455
RMS 0.7084
size [# of strips]

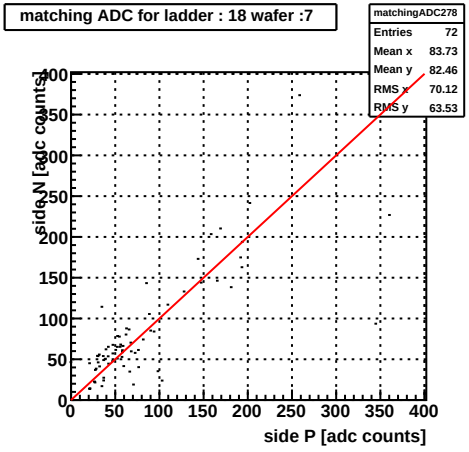

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 176
Mean x 63.99
Mean y 58.48
RMS x 52.91
RMS y 38.41
side N [adc counts]
side P [adc counts]

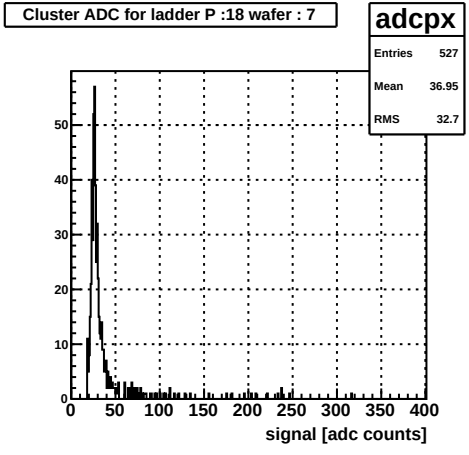

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 387
Mean 57.04
RMS 58.94
signal [adc counts]

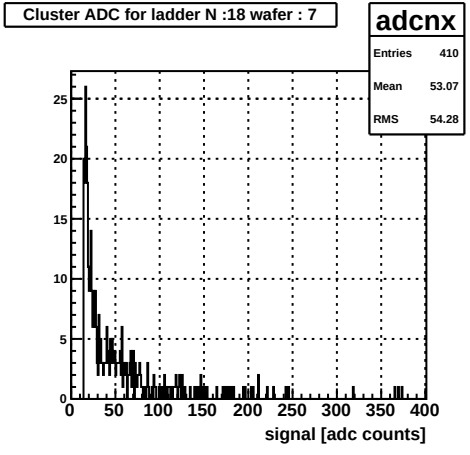

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 323
Mean 59.24
RMS 50.23
signal [adc counts]

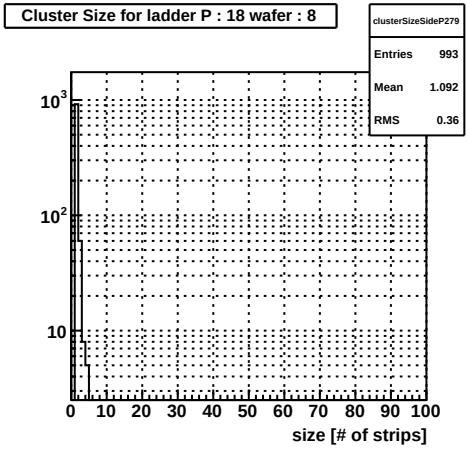

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 527
Mean 1.057
RMS 0.2551
size [# of strips]

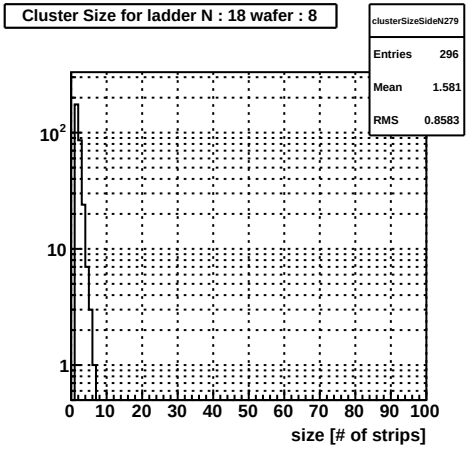

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 410
Mean 1.415
RMS 0.8227
size [# of strips]

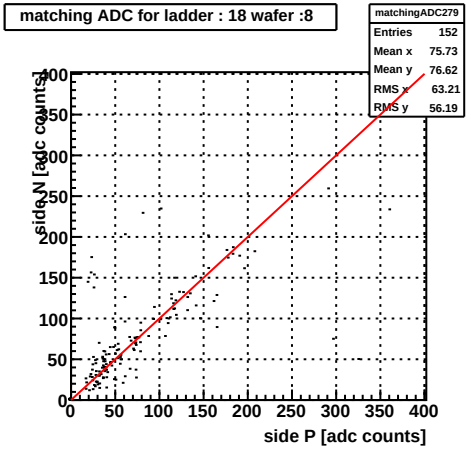

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 72
Mean x 83.73
Mean y 82.46
RMS x 70.12
RMS y 63.53
side N [adc counts]
side P [adc counts]

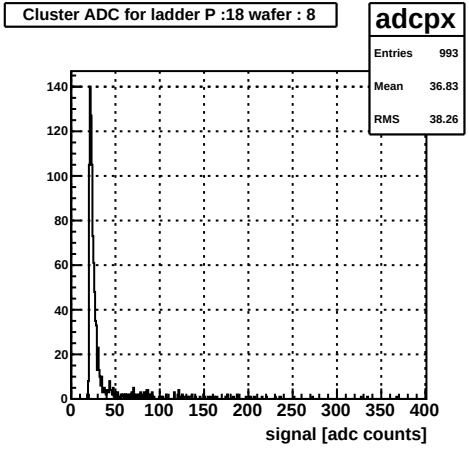

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 527
Mean 36.95
RMS 32.7
signal [adc counts]

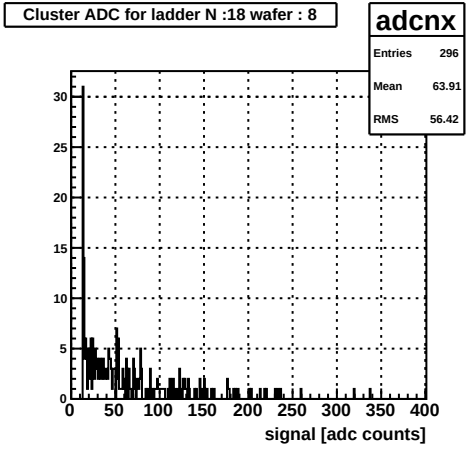

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 410
Mean 53.07
RMS 54.28
signal [adc counts]

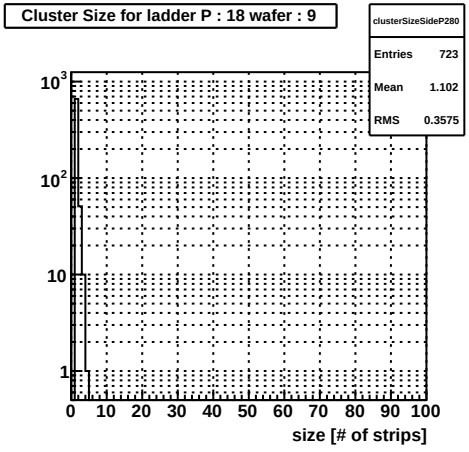

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 993
Mean 1.092
RMS 0.36
size [# of strips]

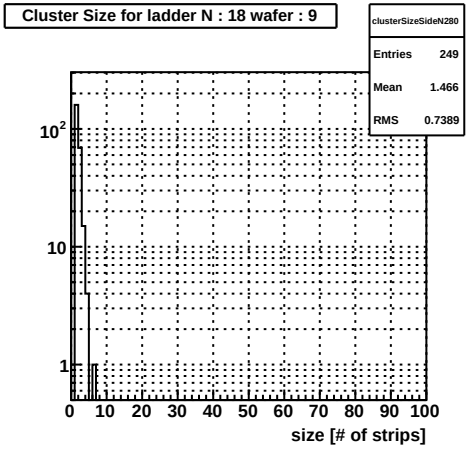

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 296
Mean 1.581
RMS 0.8583
size [# of strips]

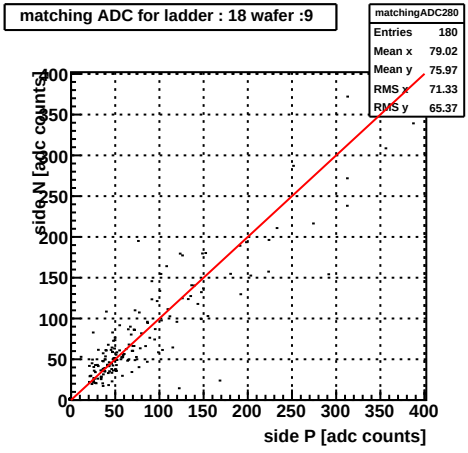

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 152
Mean x 75.73
Mean y 76.62
RMS x 63.21
RMS y 56.19
side N [adc counts]
side P [adc counts]

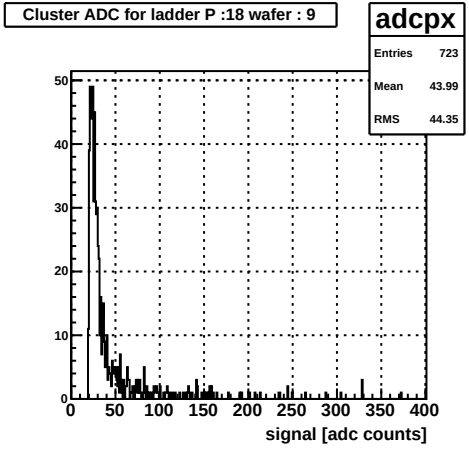

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 993
Mean 36.83
RMS 38.26
signal [adc counts]

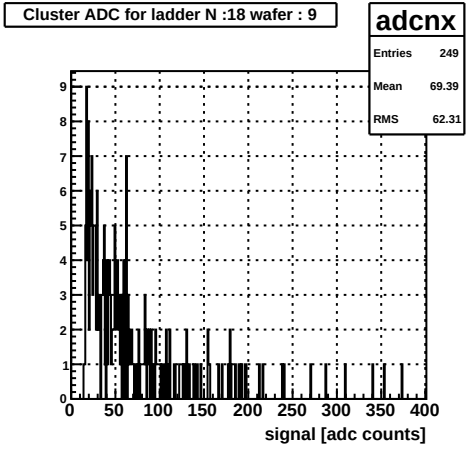

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 296
Mean 63.91
RMS 56.42
signal [adc counts]

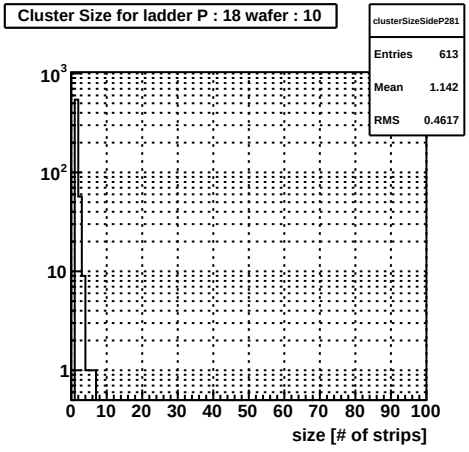

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 723
Mean 1.102
RMS 0.3575
size [# of strips]

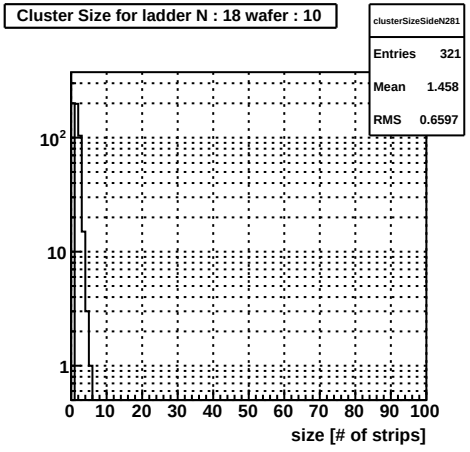

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 249
Mean 1.466
RMS 0.7389
size [# of strips]

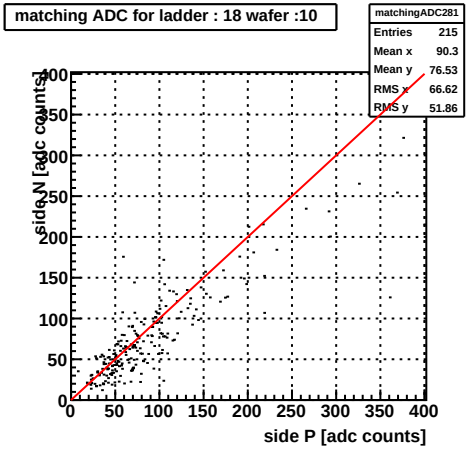

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 180
Mean x 79.02
Mean y 75.97
RMS x 71.33
RMS y 65.37
side N [adc counts]
side P [adc counts]

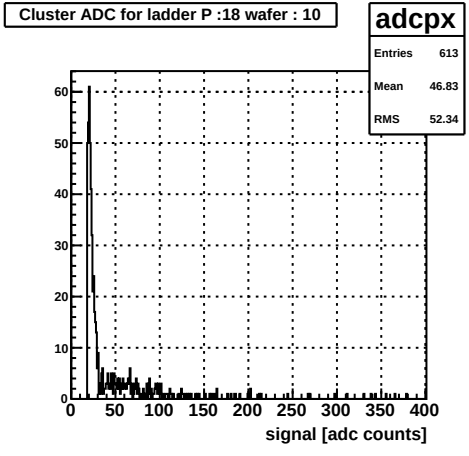

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 723
Mean 43.99
RMS 44.35
signal [adc counts]

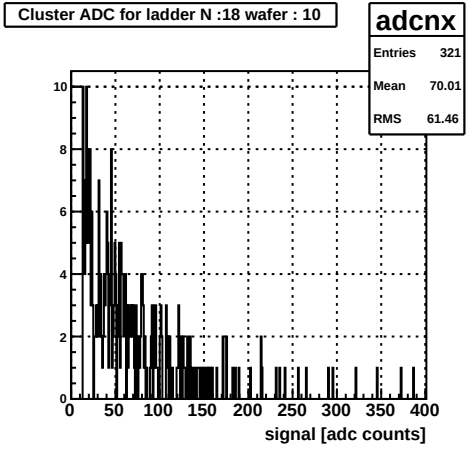

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 249
Mean 69.39
RMS 62.31
signal [adc counts]

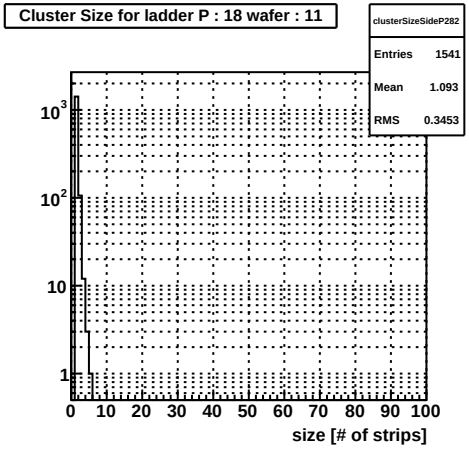

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 613
Mean 1.142
RMS 0.4617
size [# of strips]

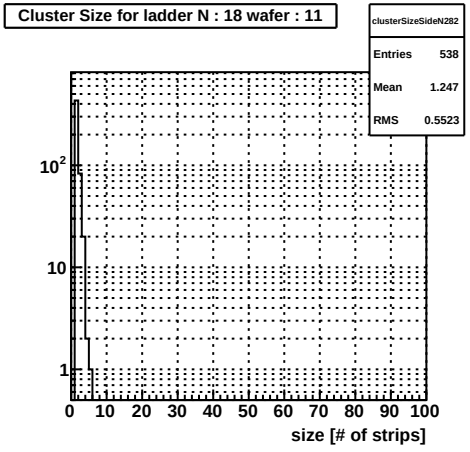

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 321
Mean 1.458
RMS 0.6597
size [# of strips]

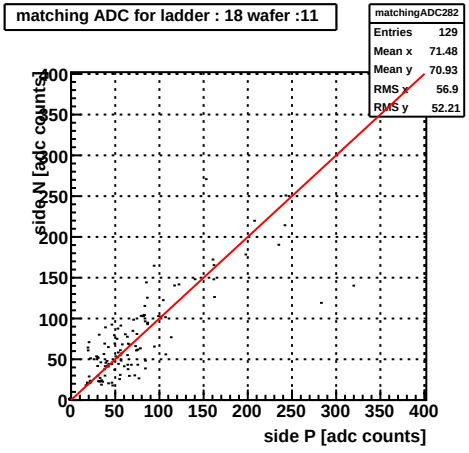

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 215
Mean x 90.3
Mean y 76.53
RMS x 66.62
RMS y 51.86
side N [adc counts]
side P [adc counts]

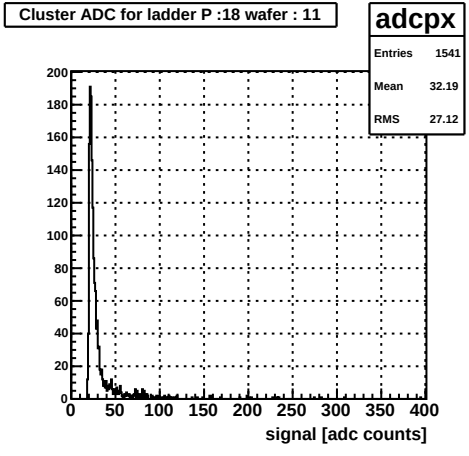

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 613
Mean 46.83
RMS 52.34
signal [adc counts]

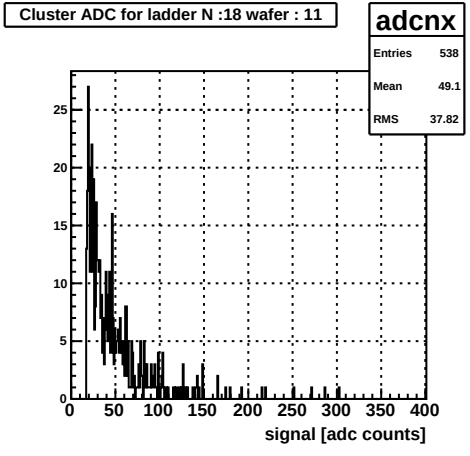

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 321
Mean 70.01
RMS 61.46
signal [adc counts]

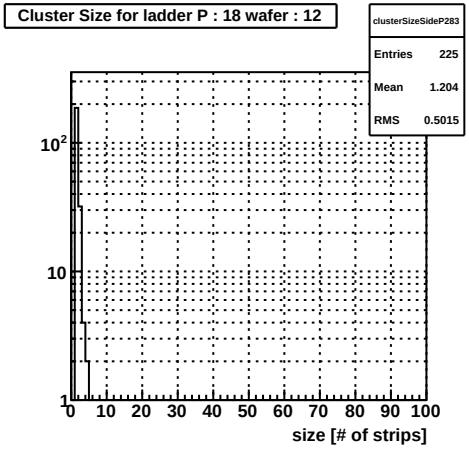

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 1541
Mean 1.093
RMS 0.3453
size [# of strips]

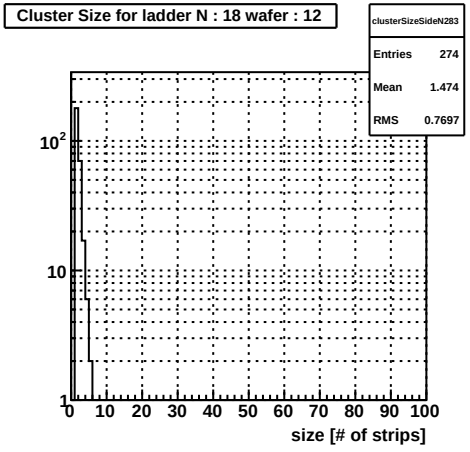

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 538
Mean 1.247
RMS 0.5523
size [# of strips]

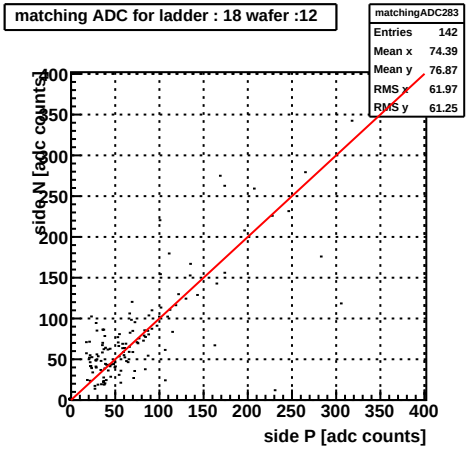

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 129
Mean x 71.48
Mean y 70.93
RMS x 56.9
RMS y 52.21
side N [adc counts]
side P [adc counts]

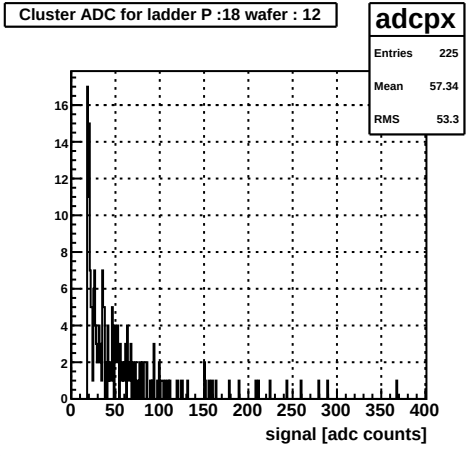

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 1541
Mean 32.19
RMS 27.12
signal [adc counts]

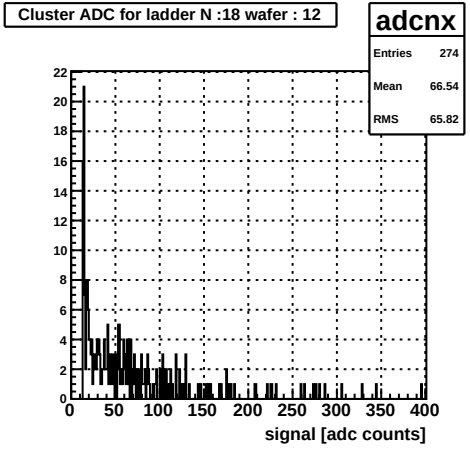

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 538
Mean 49.1
RMS 37.82
signal [adc counts]

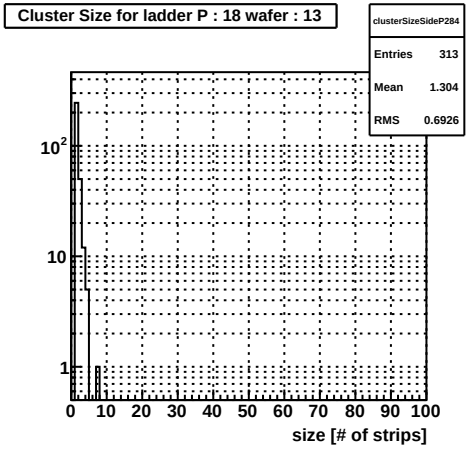

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 225
Mean 1.204
RMS 0.5015
size [# of strips]

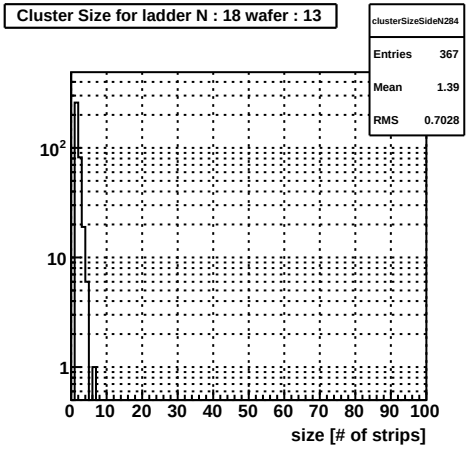

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 274
Mean 1.474
RMS 0.7697
size [# of strips]

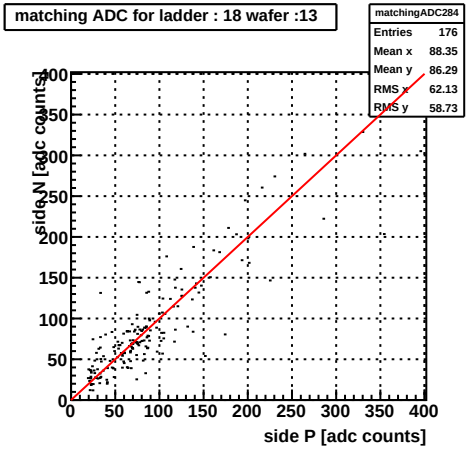

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 142
Mean x 74.39
Mean y 76.87
RMS x 61.97
RMS y 61.25
side N [adc counts]
side P [adc counts]

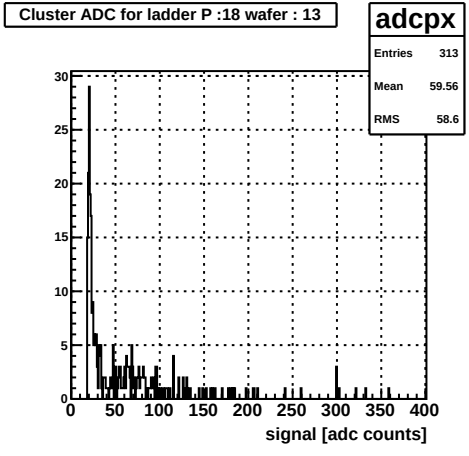

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 225
Mean 57.34
RMS 53.3
signal [adc counts]

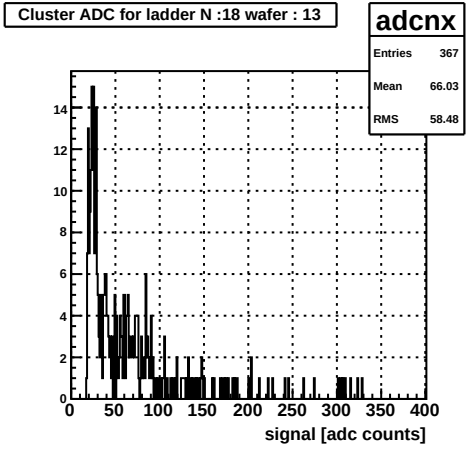

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 274
Mean 66.54
RMS 65.82
signal [adc counts]

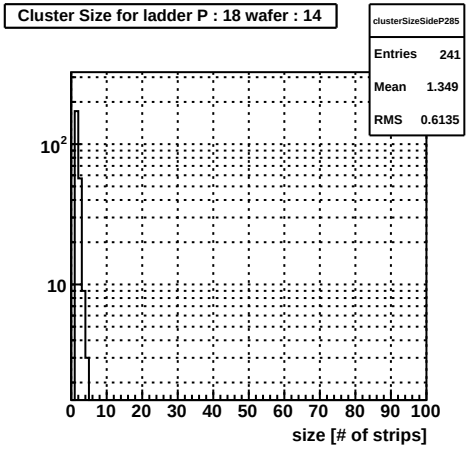

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 313
Mean 1.304
RMS 0.6926
size [# of strips]

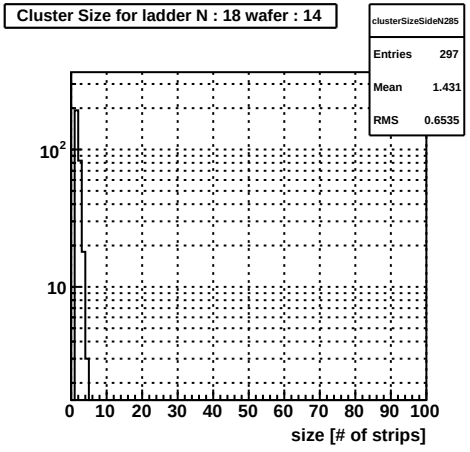

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 367
Mean 1.39
RMS 0.7028
size [# of strips]

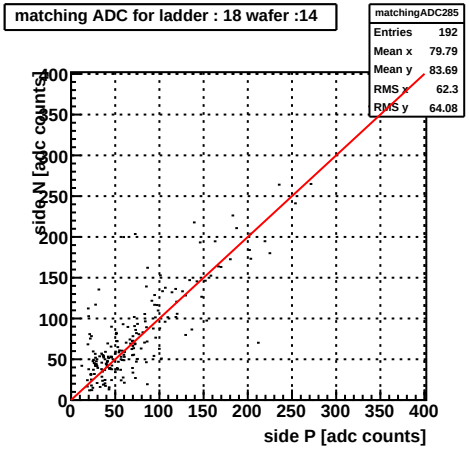

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 176
Mean x 88.35
Mean y 86.29
RMS x 62.13
RMS y 58.73
side N [adc counts]
side P [adc counts]

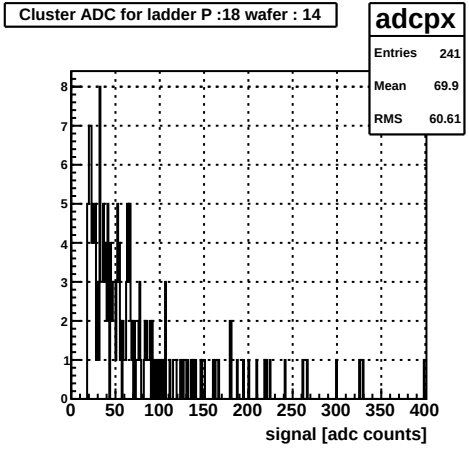

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 313
Mean 59.56
RMS 58.6
signal [adc counts]

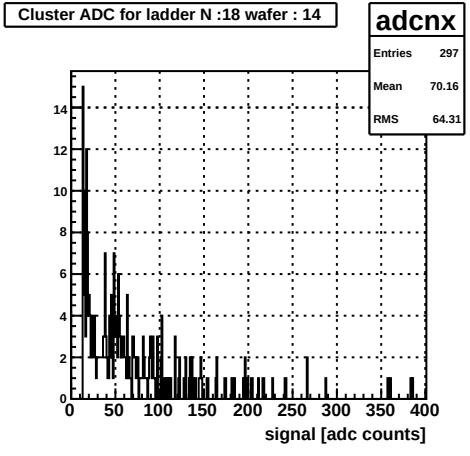

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 367
Mean 66.03
RMS 58.48
signal [adc counts]

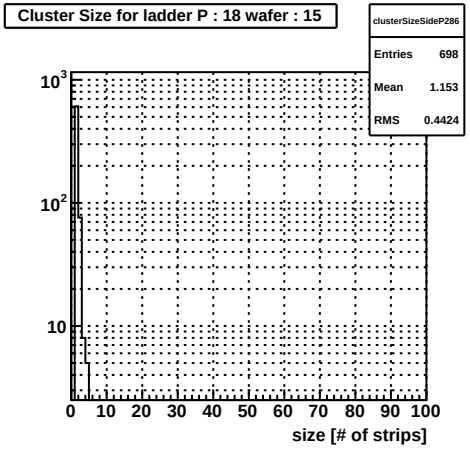

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 241
Mean 1.349
RMS 0.6135
size [# of strips]

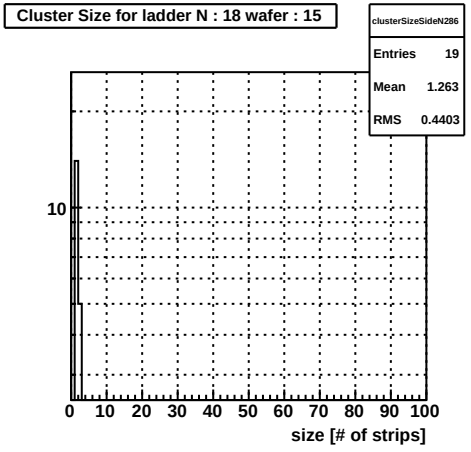

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 297
Mean 1.431
RMS 0.6535
size [# of strips]

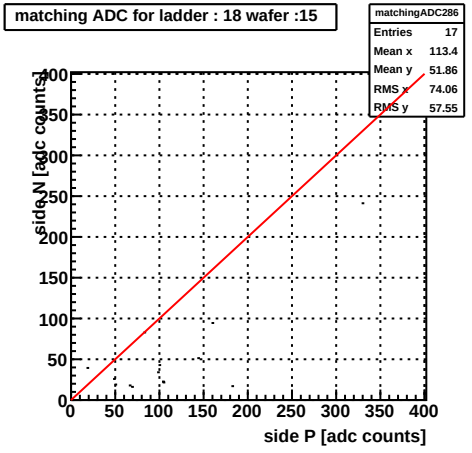

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 192
Mean x 79.79
Mean y 83.69
RMS x 62.3
RMS y 64.08
side N [adc counts]
side P [adc counts]

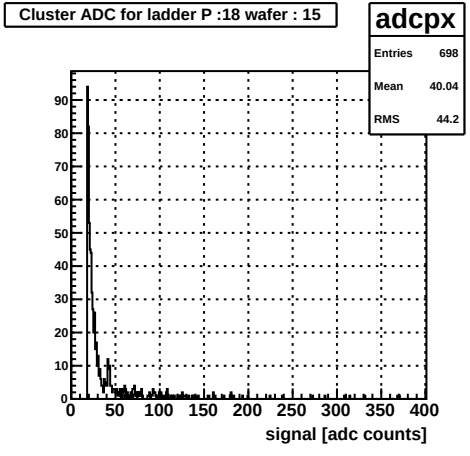

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 241
Mean 69.9
RMS 60.61
signal [adc counts]

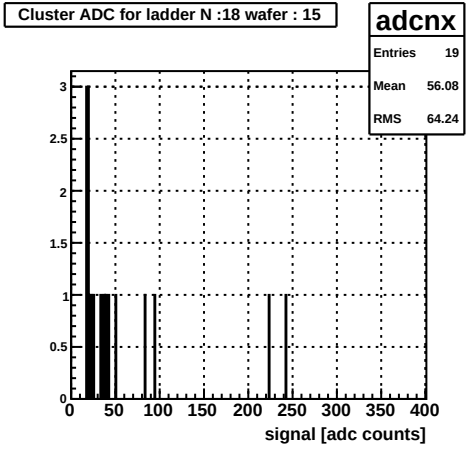

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 297
Mean 70.16
RMS 64.31
signal [adc counts]

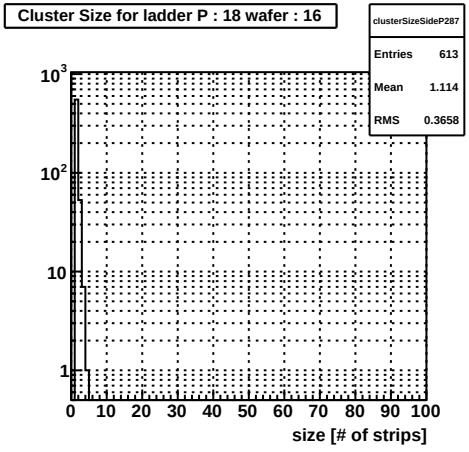

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 698
Mean 1.153
RMS 0.4424
size [# of strips]

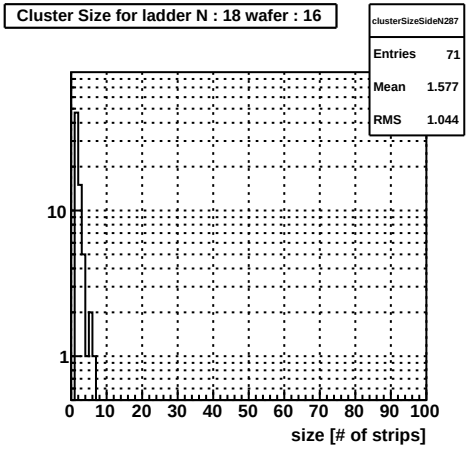

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 19
Mean 1.263
RMS 0.4403
size [# of strips]

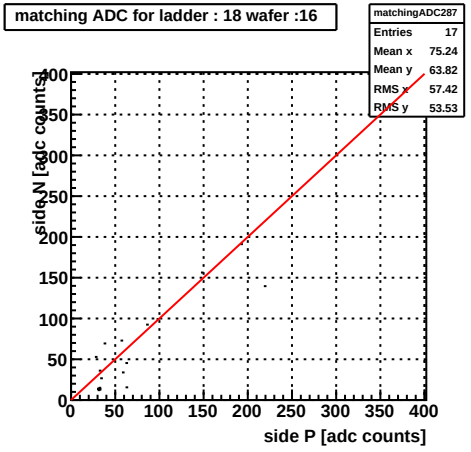

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 17
Mean x 113.4
Mean y 51.86
RMS x 74.06
RMS y 57.55
side N [adc counts]
side P [adc counts]

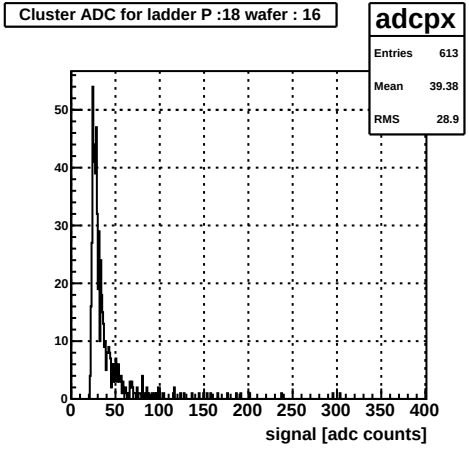

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 698
Mean 40.04
RMS 44.2
signal [adc counts]

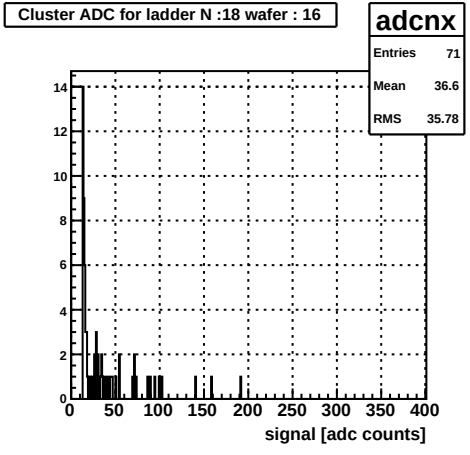

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 19
Mean 56.08
RMS 64.24
signal [adc counts]

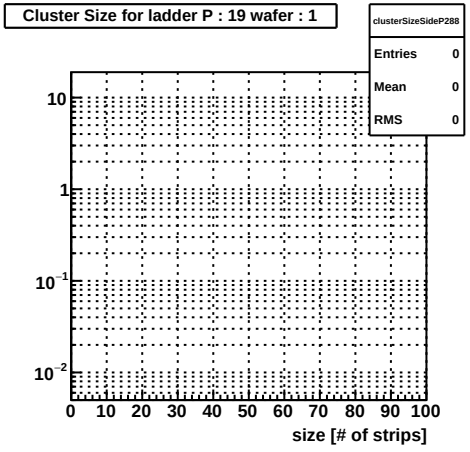

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 613
Mean 1.114
RMS 0.3658
size [# of strips]

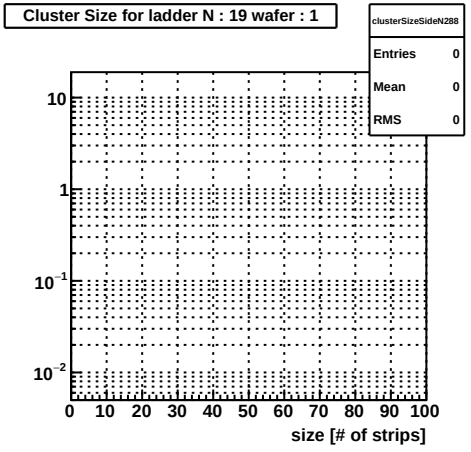

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 71
Mean 1.577
RMS 1.044
size [# of strips]

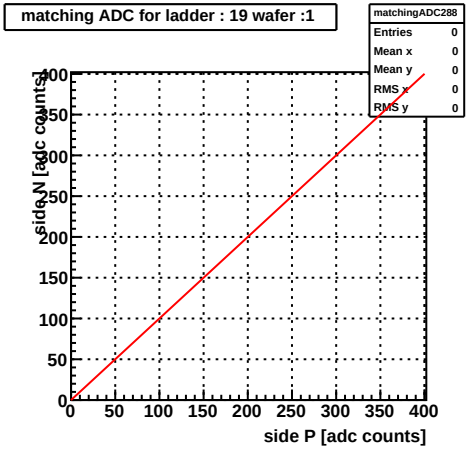

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 17
Mean x 75.24
Mean y 63.82
RMS x 57.42
RMS y 53.53
side N [adc counts]
side P [adc counts]

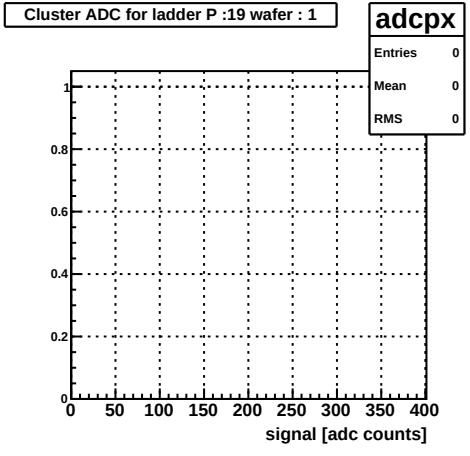

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 613
Mean 39.38
RMS 28.9
signal [adc counts]

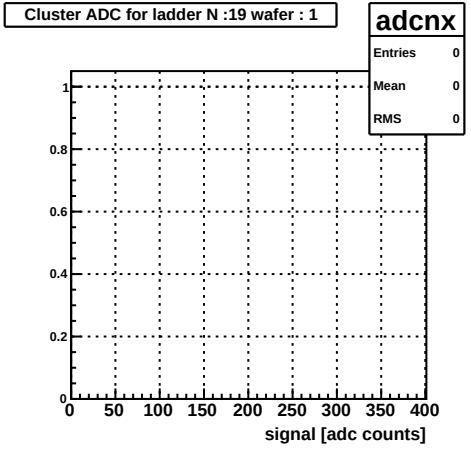

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 71
Mean 36.6
RMS 35.78
signal [adc counts]

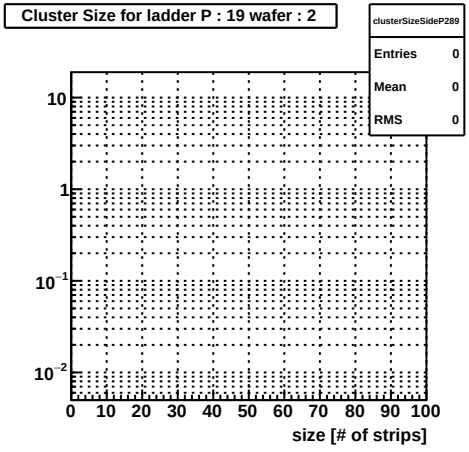

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

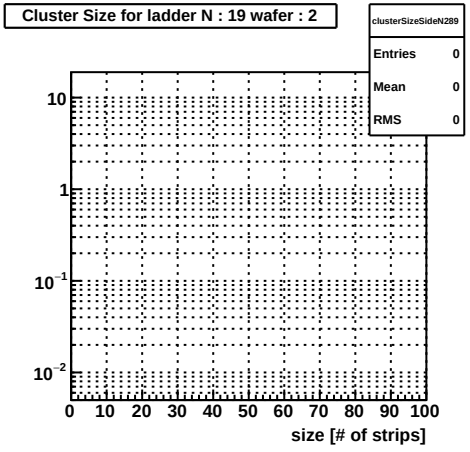

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

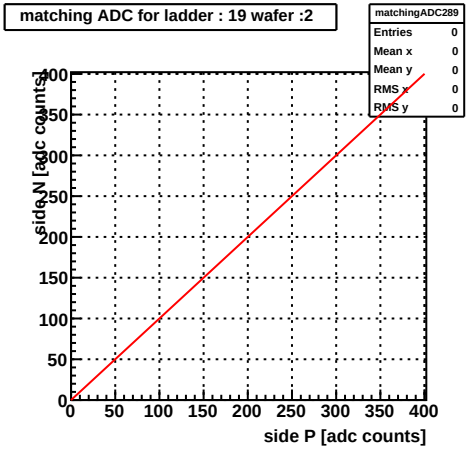

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

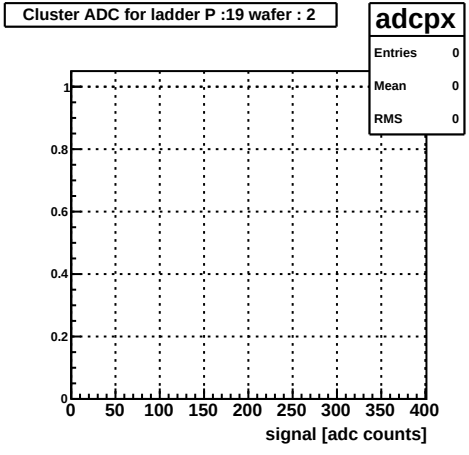

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

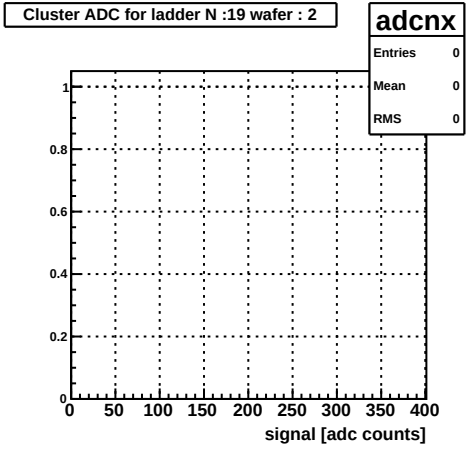

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

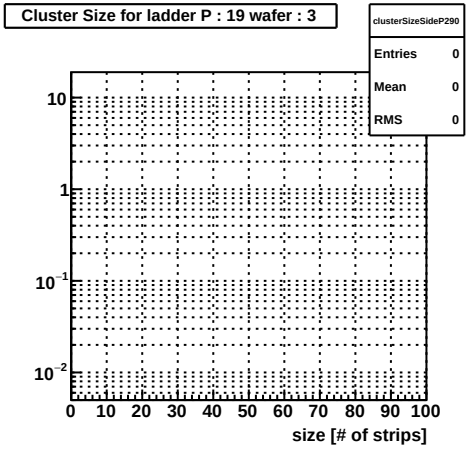

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

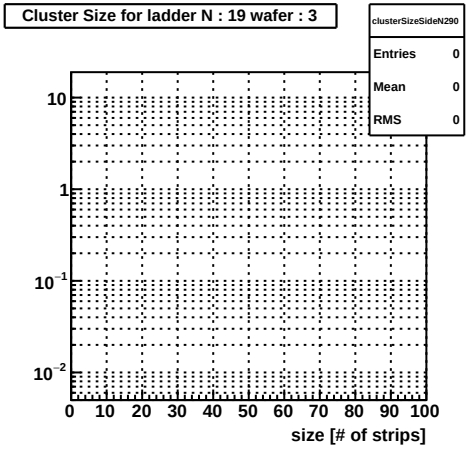

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

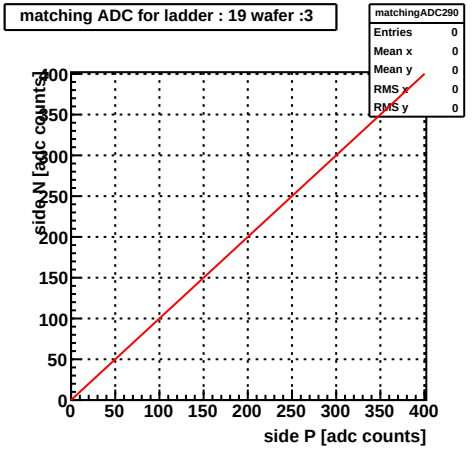

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

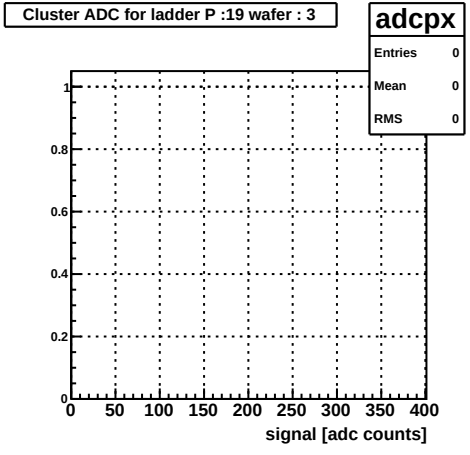

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

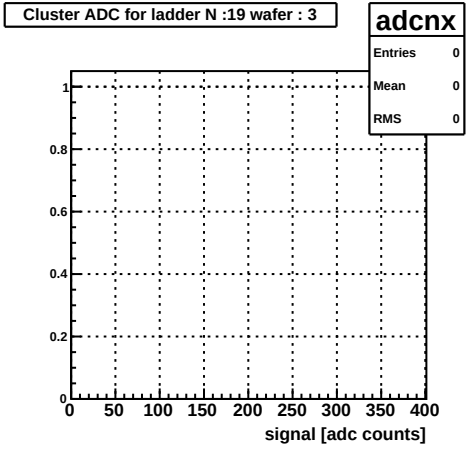

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

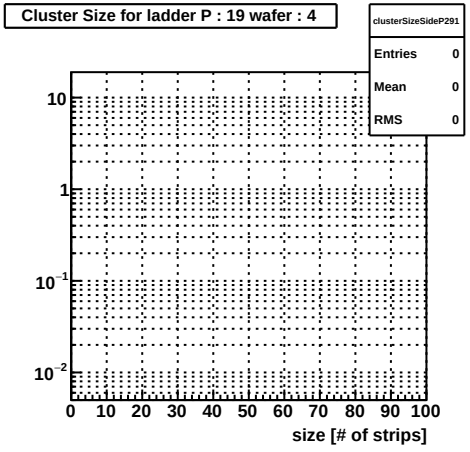

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

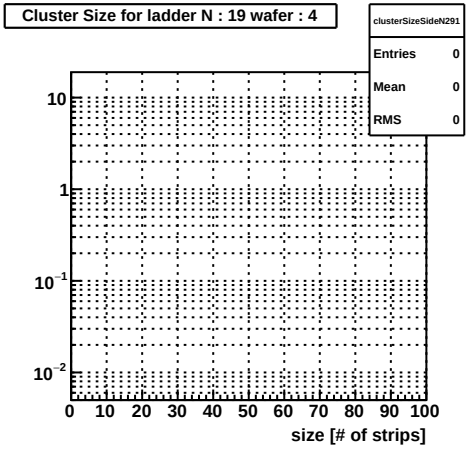

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

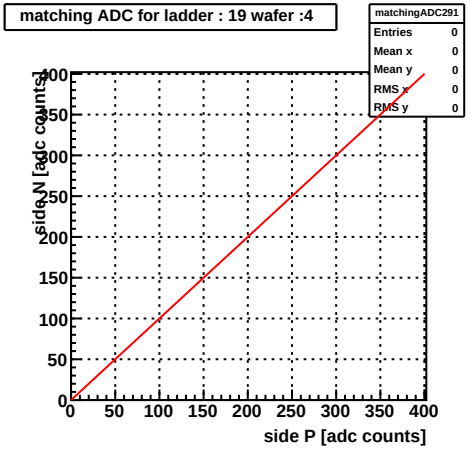

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

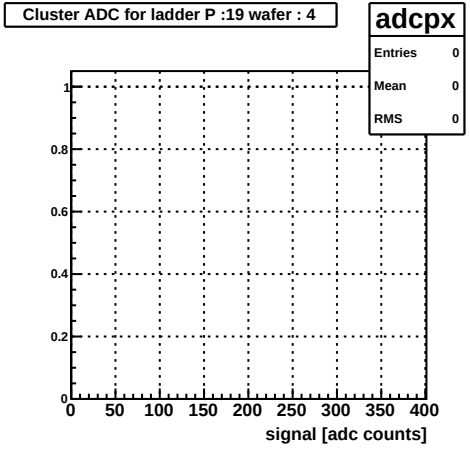

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

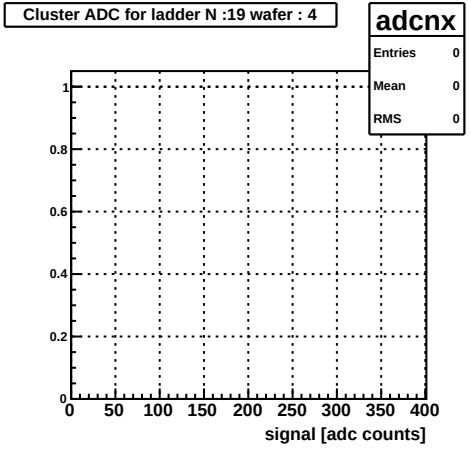

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

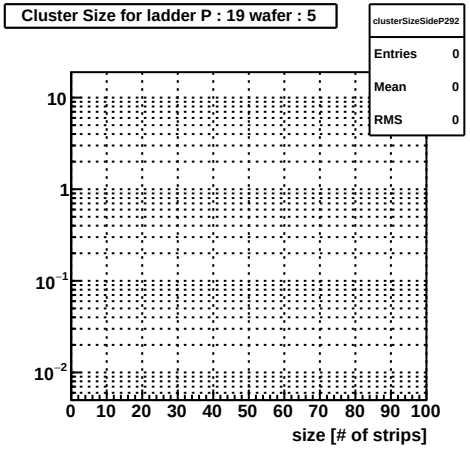

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

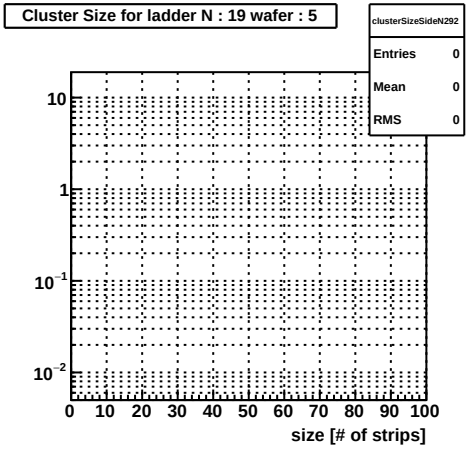

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

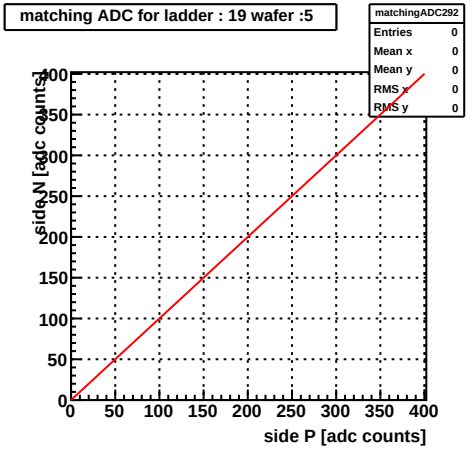

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

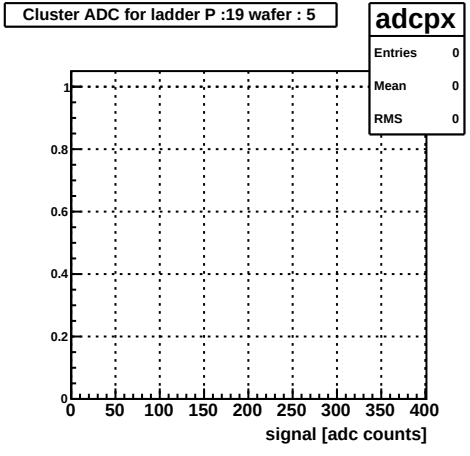

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

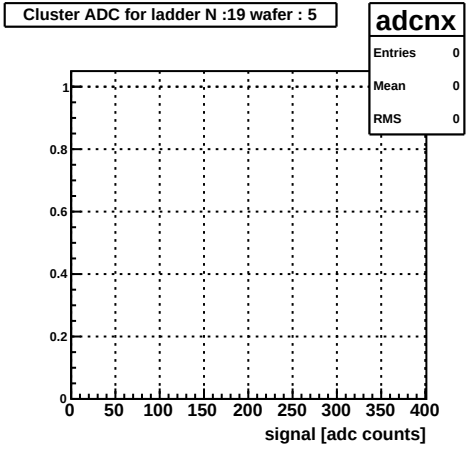

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

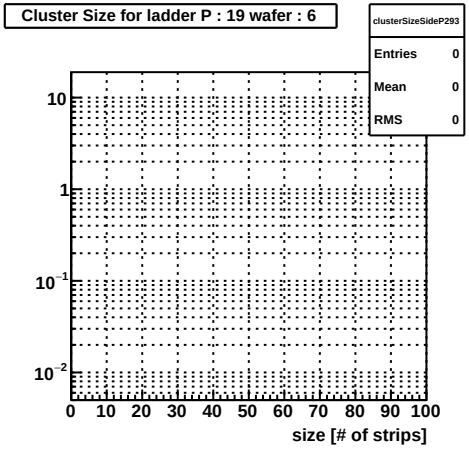

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

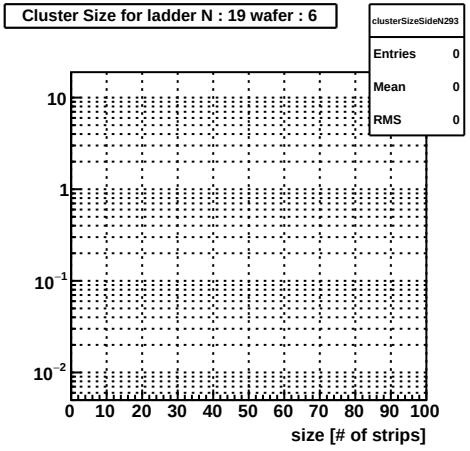

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

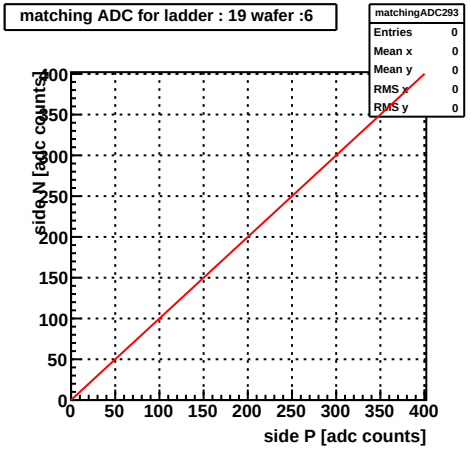

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

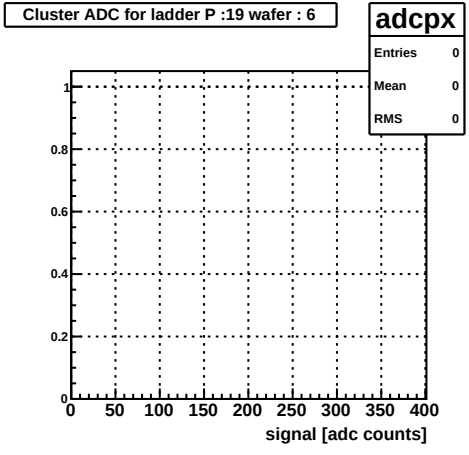

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

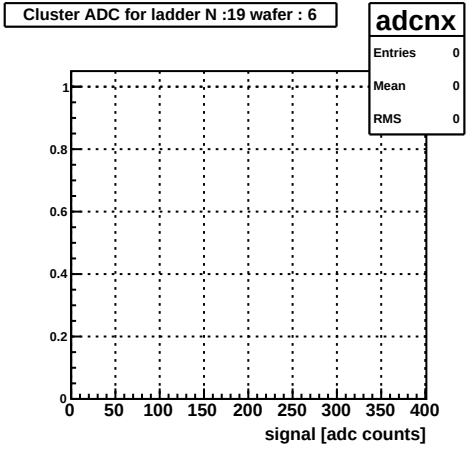

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

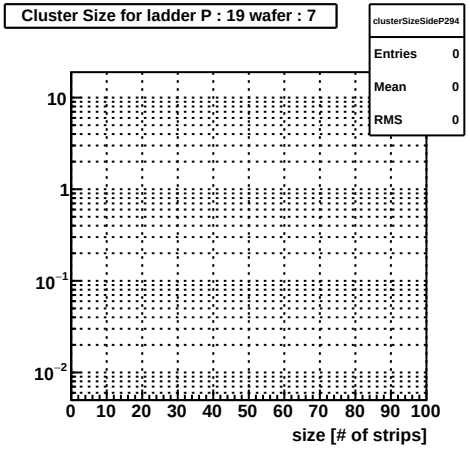

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

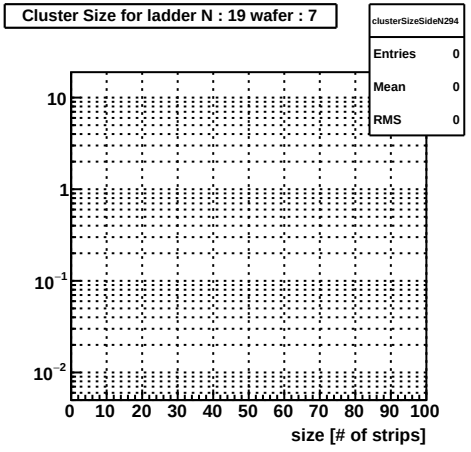

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

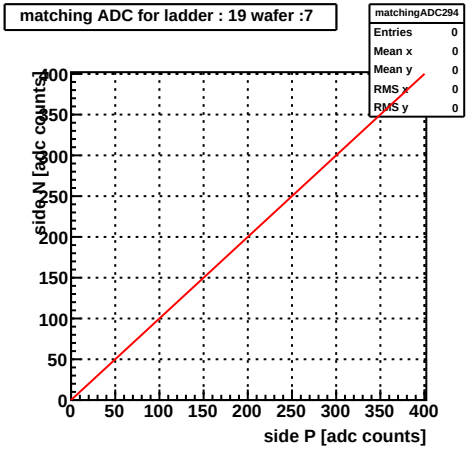

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

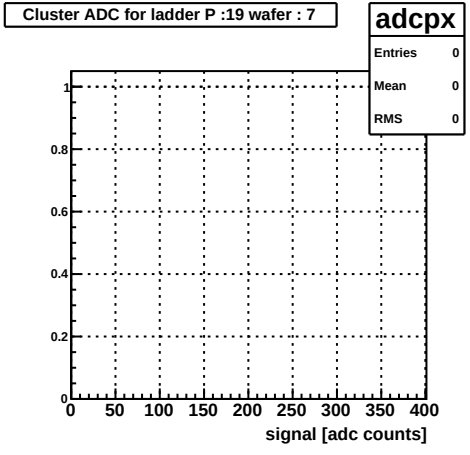

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

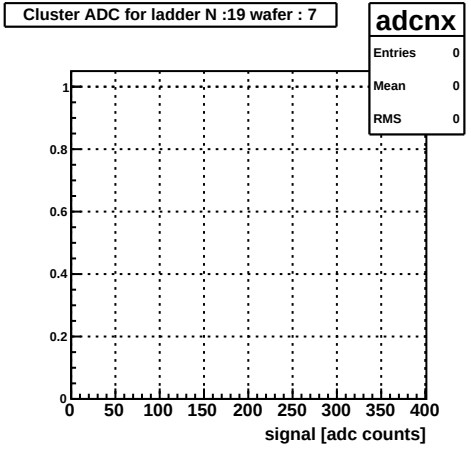

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

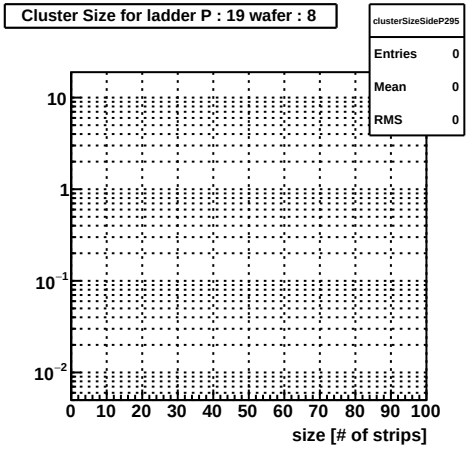

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

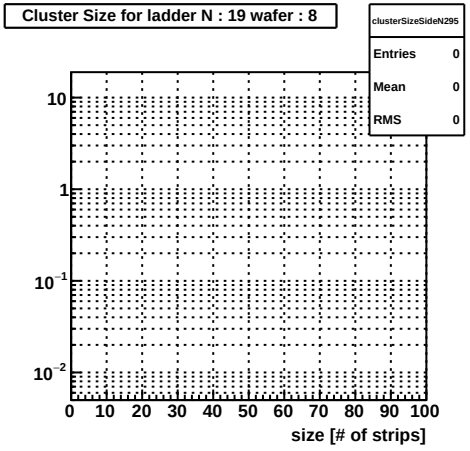

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

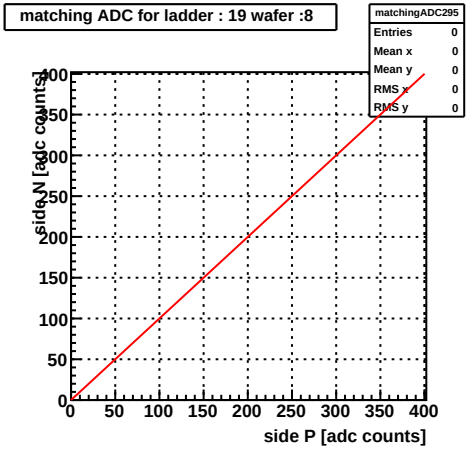

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

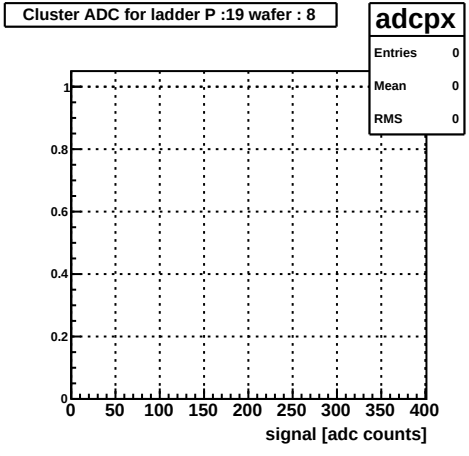

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

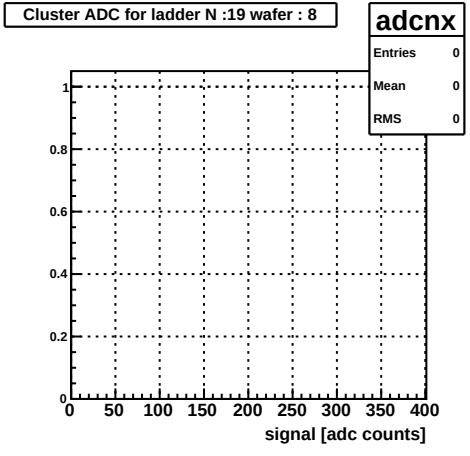

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

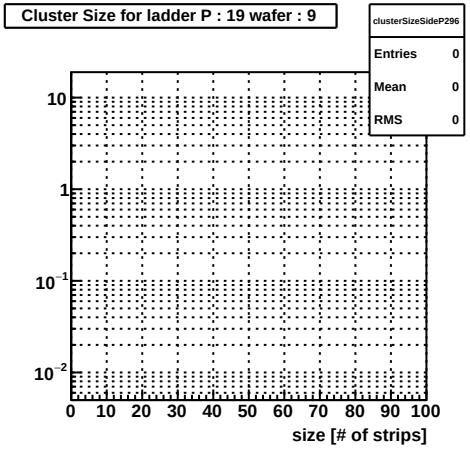

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

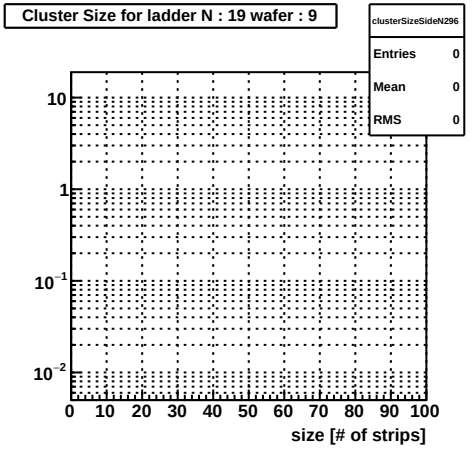

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

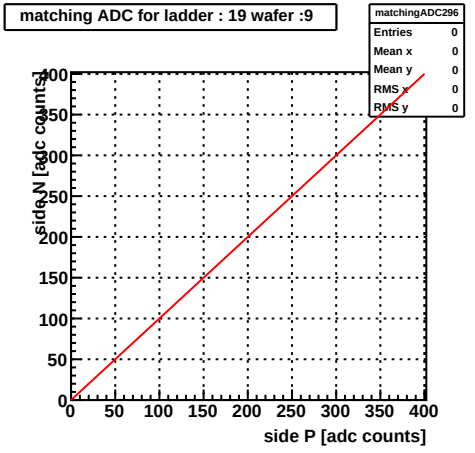

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

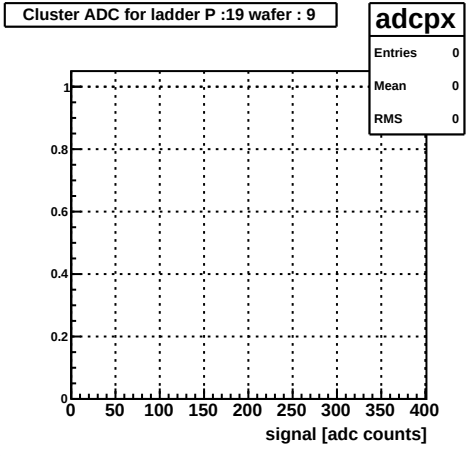

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

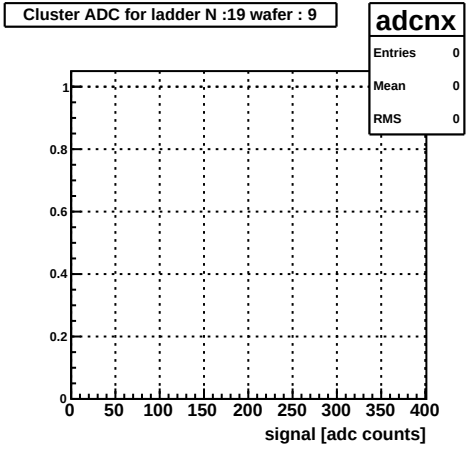

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

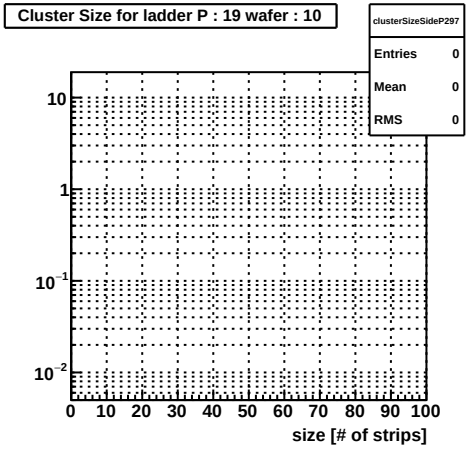

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

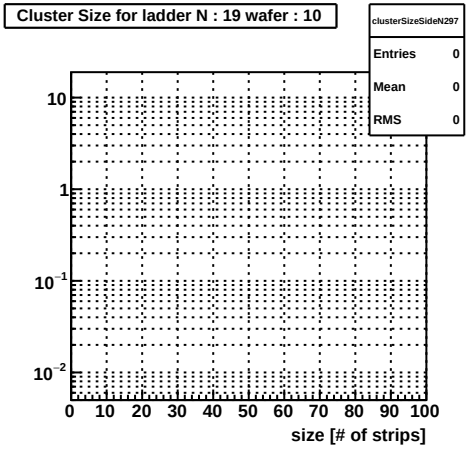

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

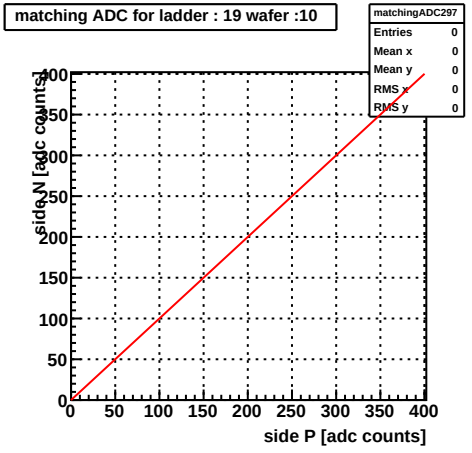

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

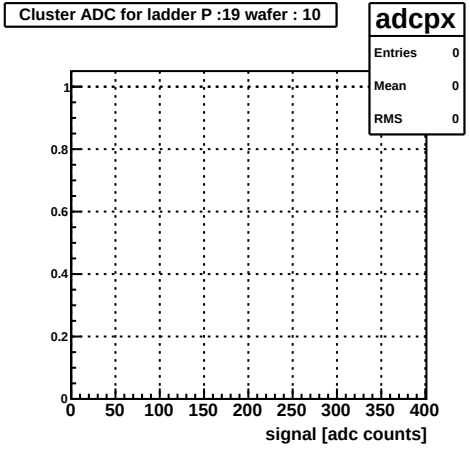

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

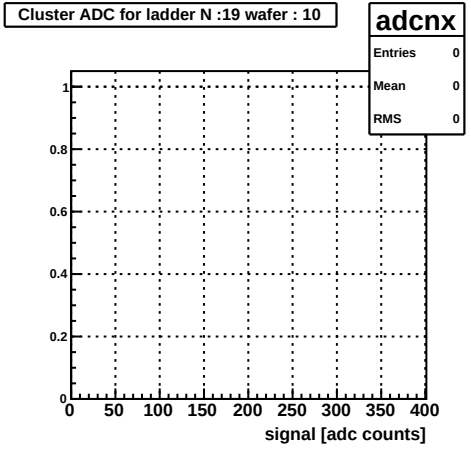

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

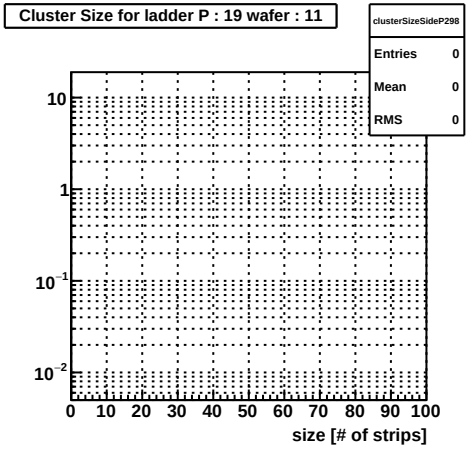

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

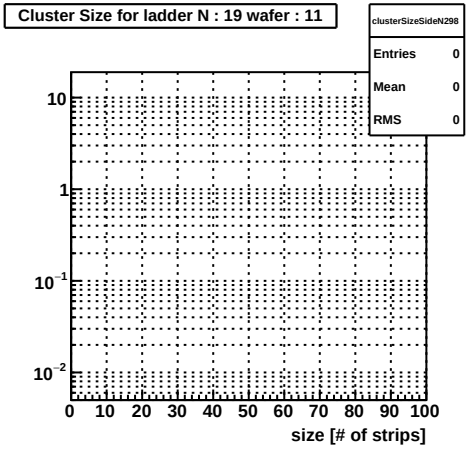

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

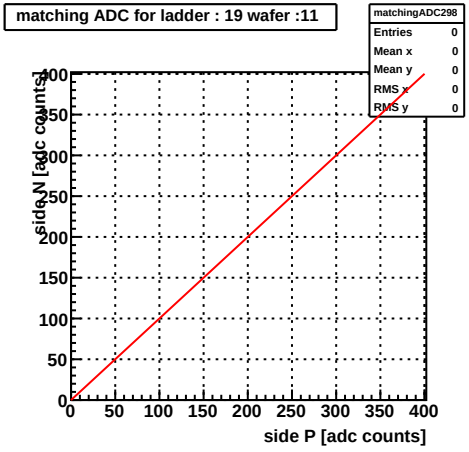

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

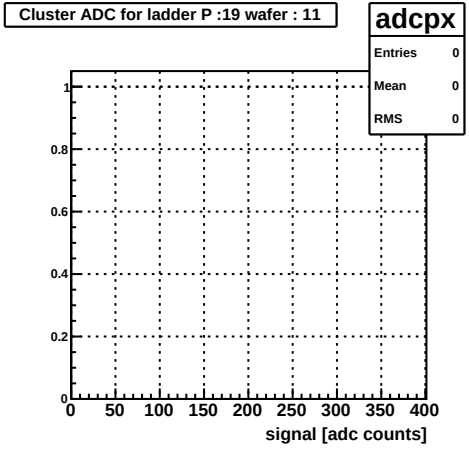

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

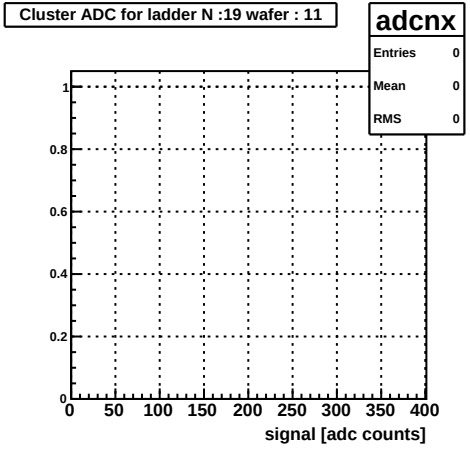

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

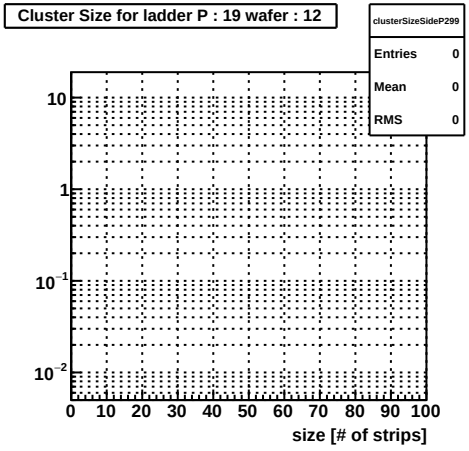

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

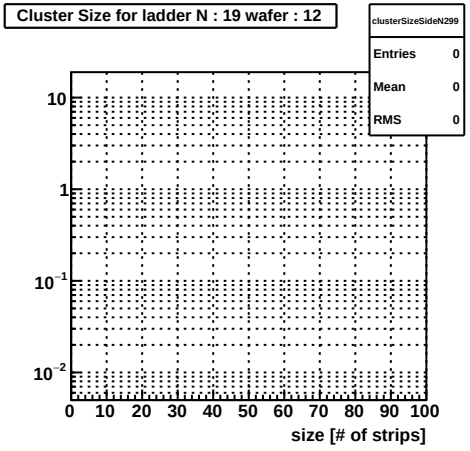

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

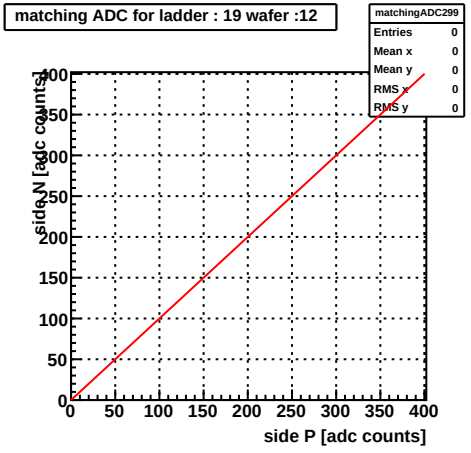

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

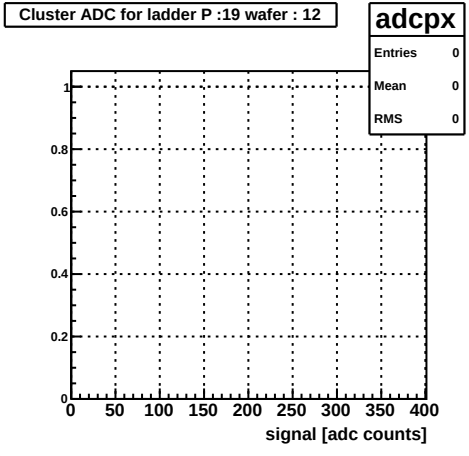

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

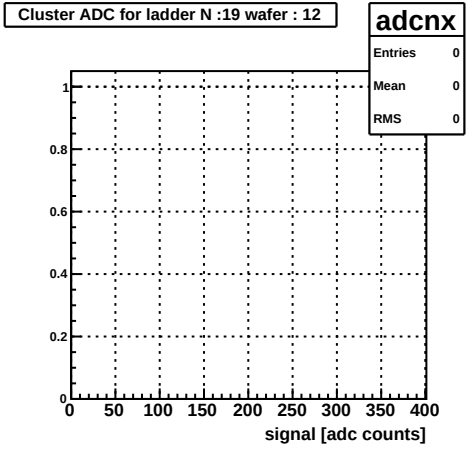

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

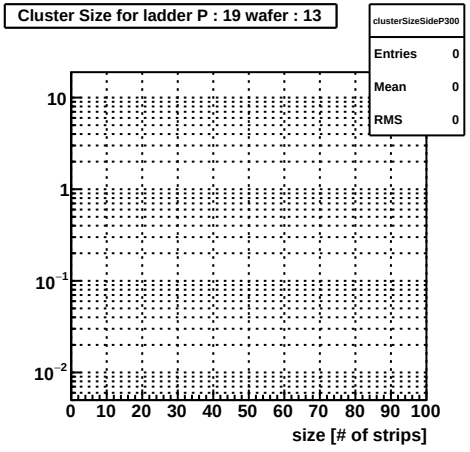

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

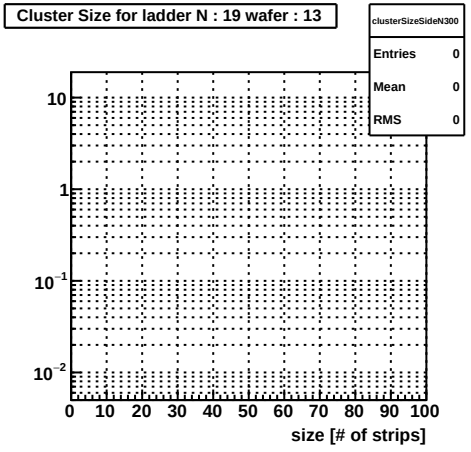

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

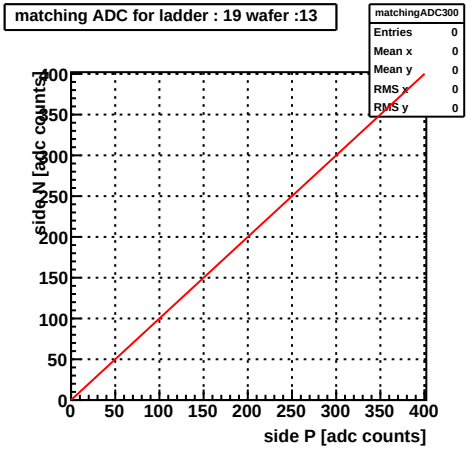

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

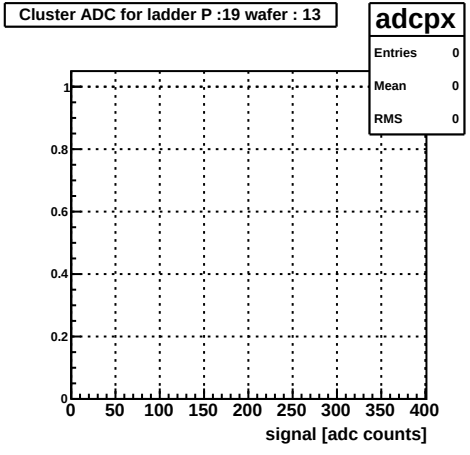

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

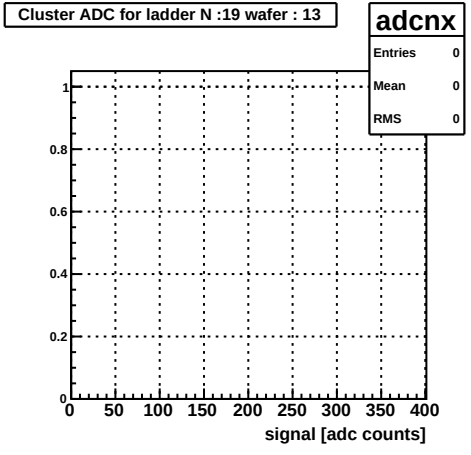

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

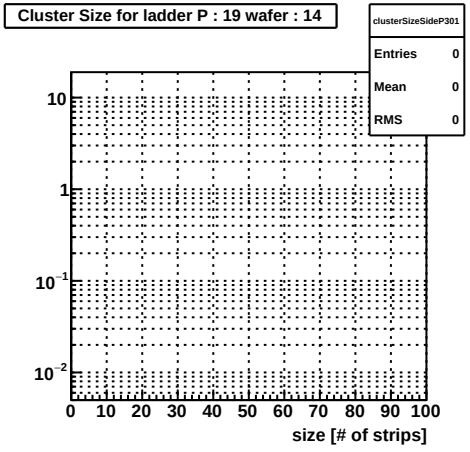

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

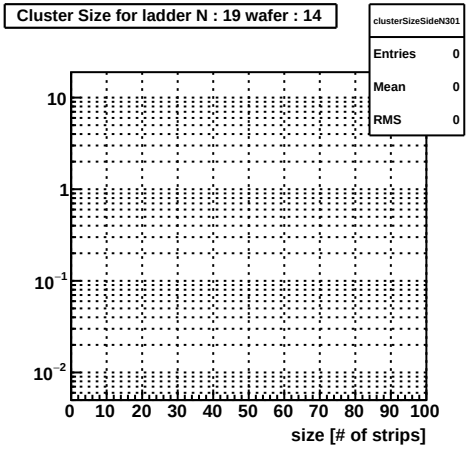

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

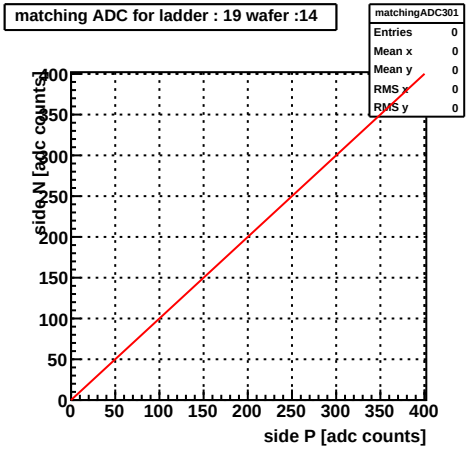

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

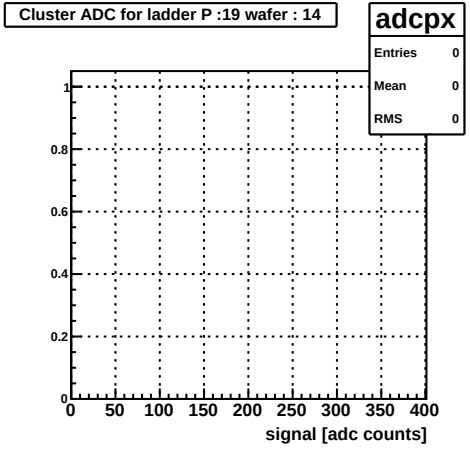

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

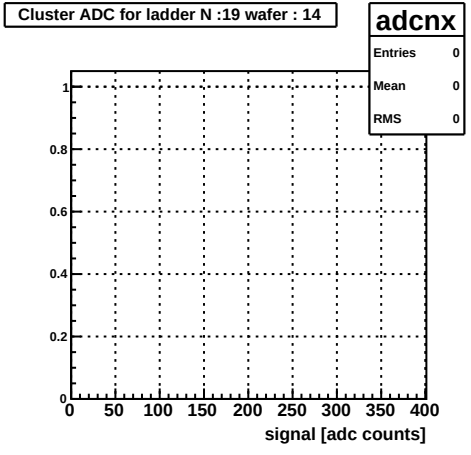

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

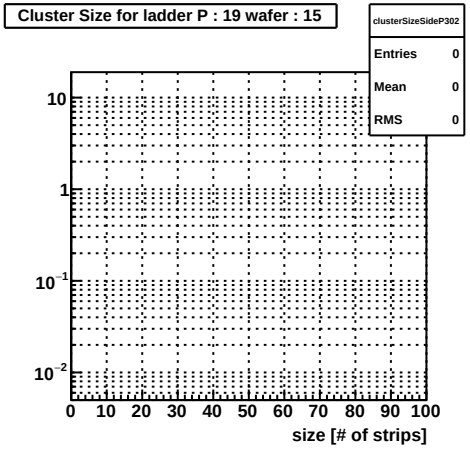

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

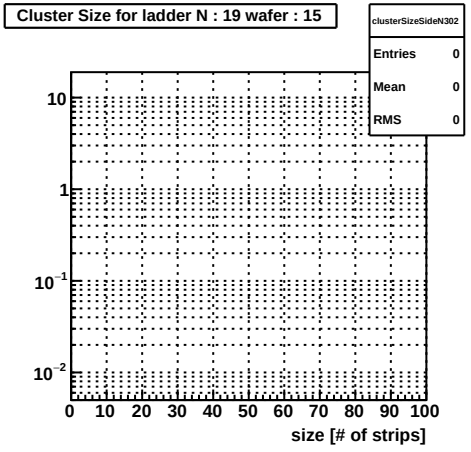

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

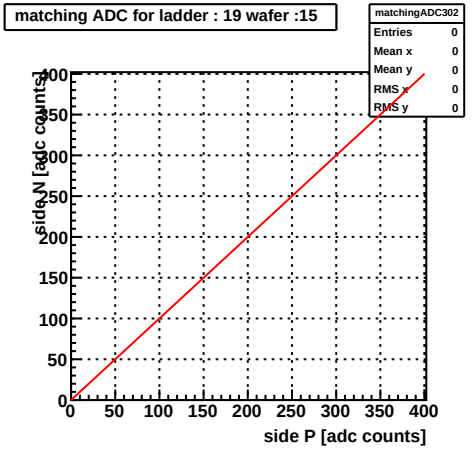

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

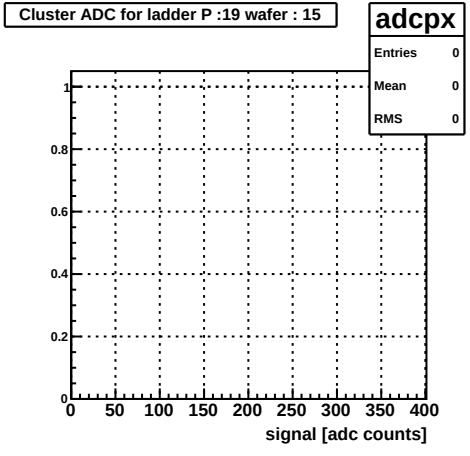

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

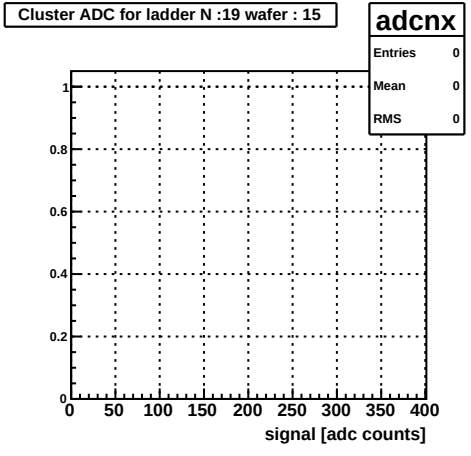

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

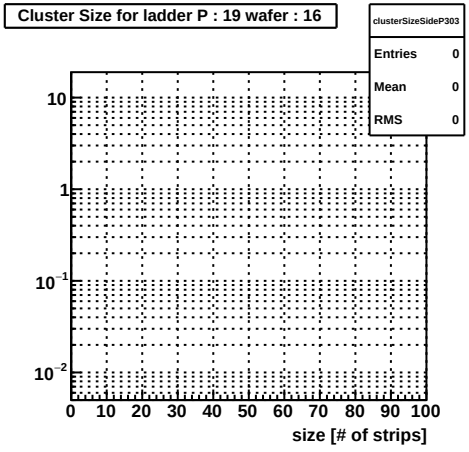

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

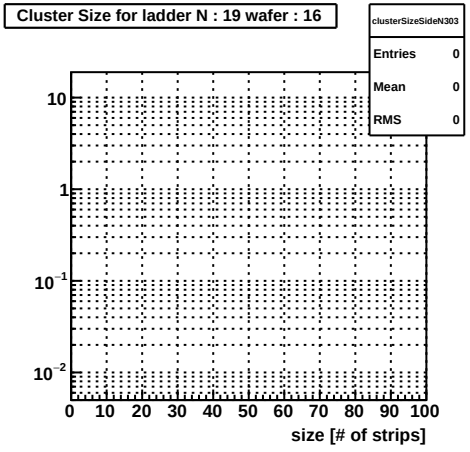

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

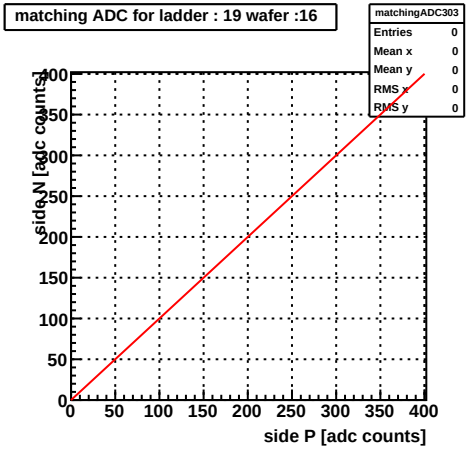

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

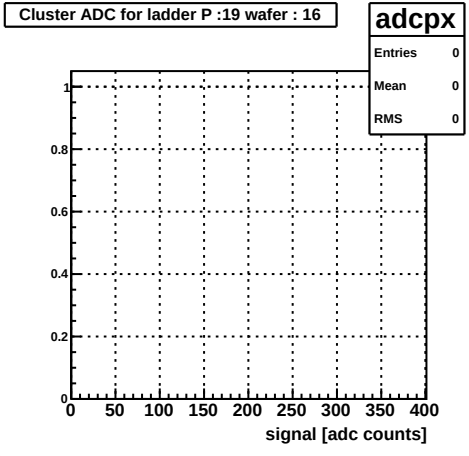

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

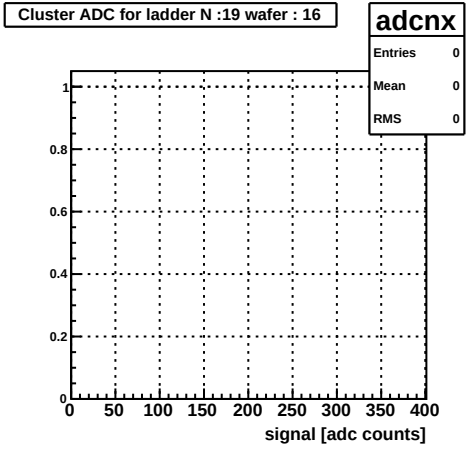

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

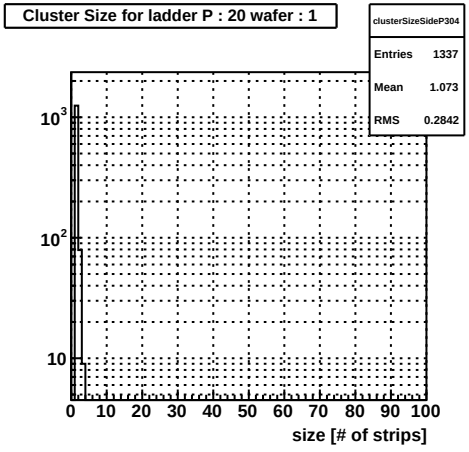

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

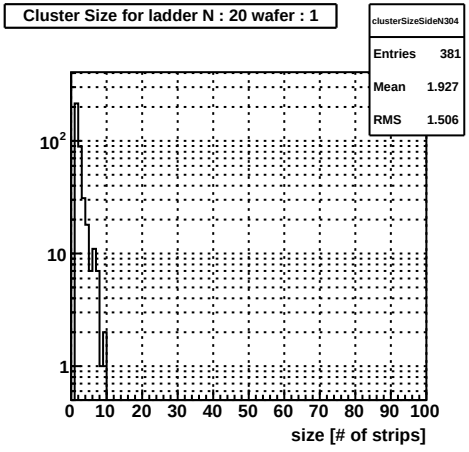

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

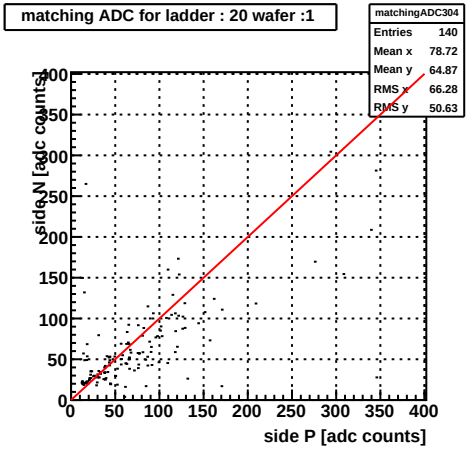

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

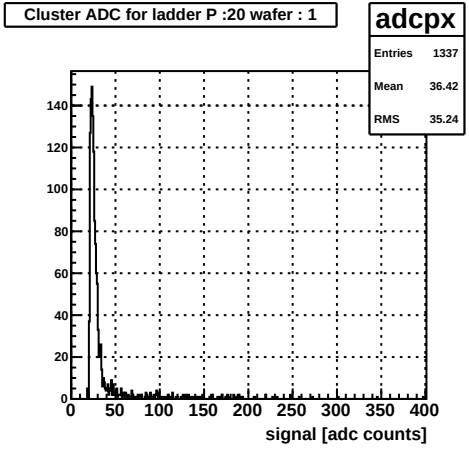

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

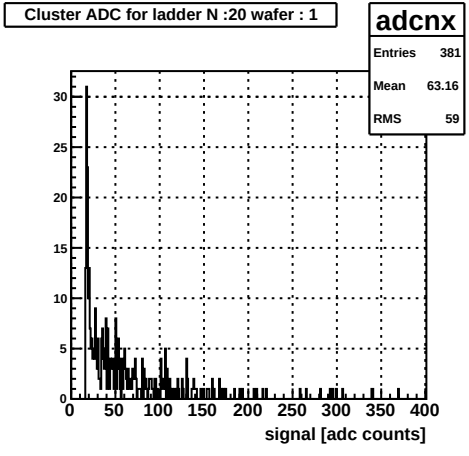

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

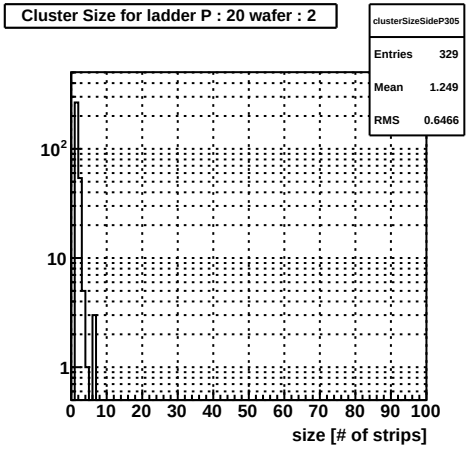

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 1337
Mean 1.073
RMS 0.2842
size [# of strips]

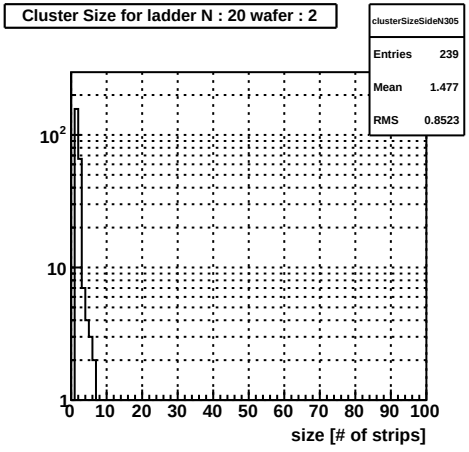

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 381
Mean 1.927
RMS 1.506
size [# of strips]

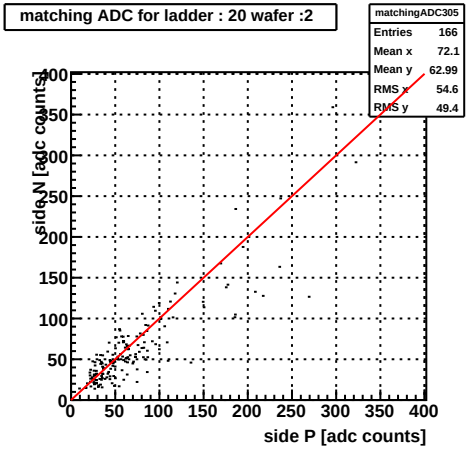

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 140
Mean x 78.72
Mean y 64.87
RMS x 66.28
RMS y 50.63
side N [adc counts]
side P [adc counts]

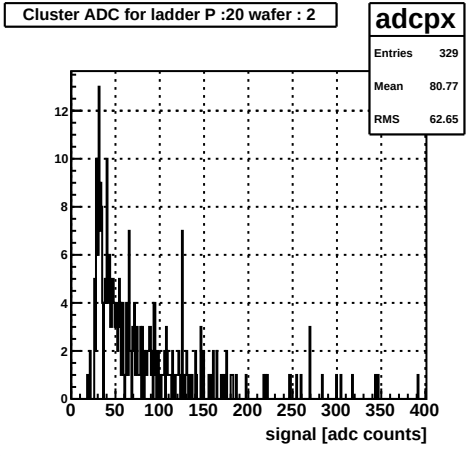

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 1337
Mean 36.42
RMS 35.24
signal [adc counts]

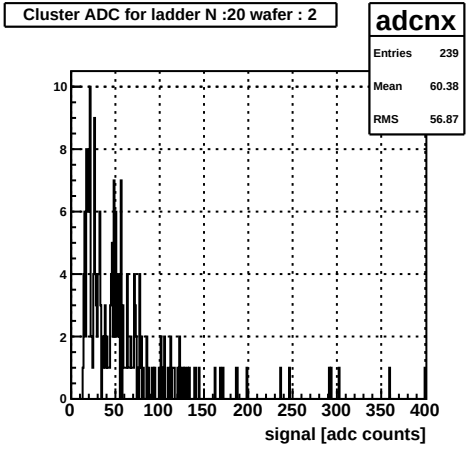

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 381
Mean 63.16
RMS 59
signal [adc counts]

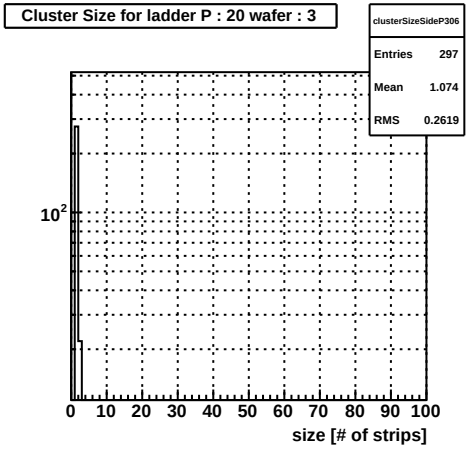

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 329
Mean 1.249
RMS 0.6466
size [# of strips]

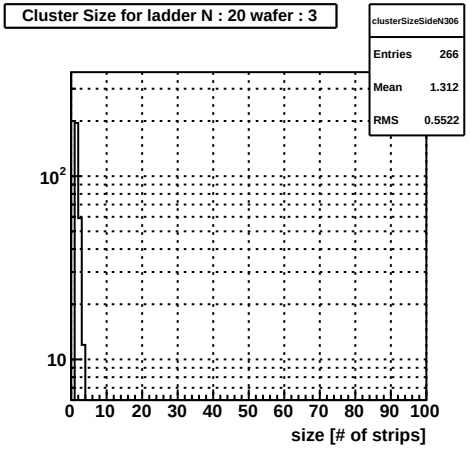

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 239
Mean 1.477
RMS 0.8523
size [# of strips]

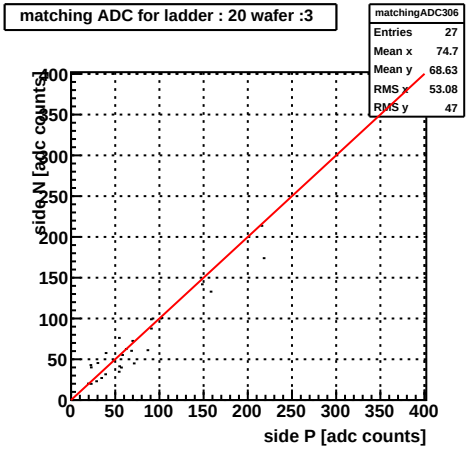

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 166
Mean x 72.1
Mean y 62.99
RMS x 54.6
RMS y 49.4
side N [adc counts]
side P [adc counts]

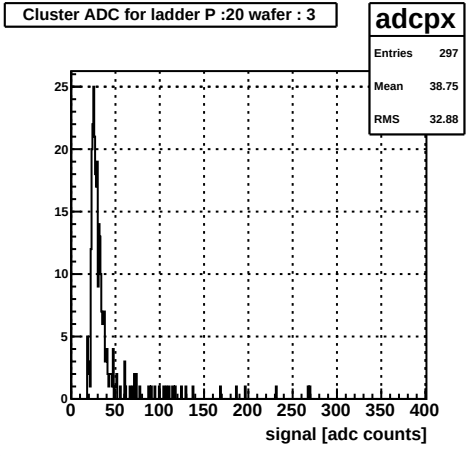

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 329
Mean 80.77
RMS 62.65
signal [adc counts]

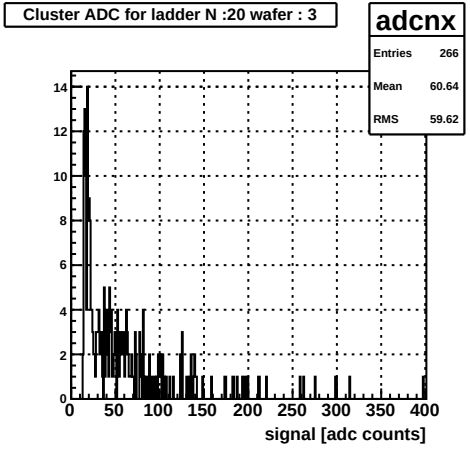

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 239
Mean 60.38
RMS 56.87
signal [adc counts]

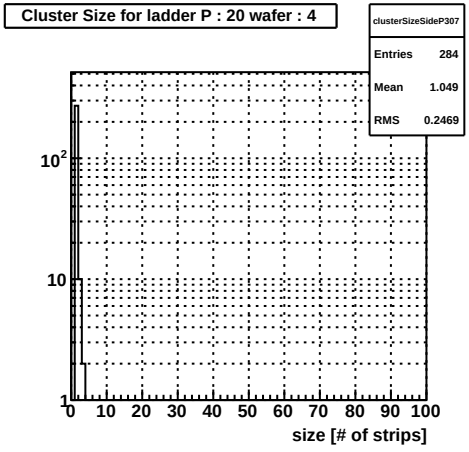

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 297
Mean 1.074
RMS 0.2619
size [# of strips]

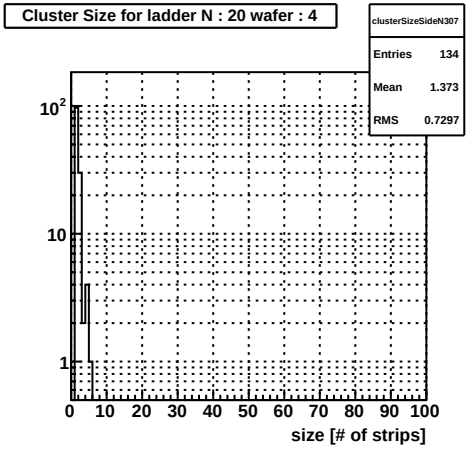

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 266
Mean 1.312
RMS 0.5522
size [# of strips]

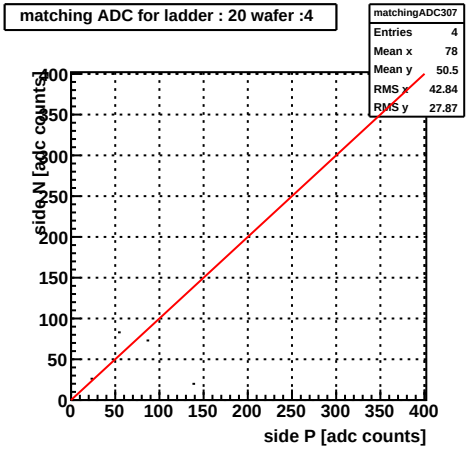

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 27
Mean x 74.7
Mean y 68.63
RMS x 53.08
RMS y 47
side N [adc counts]
side P [adc counts]

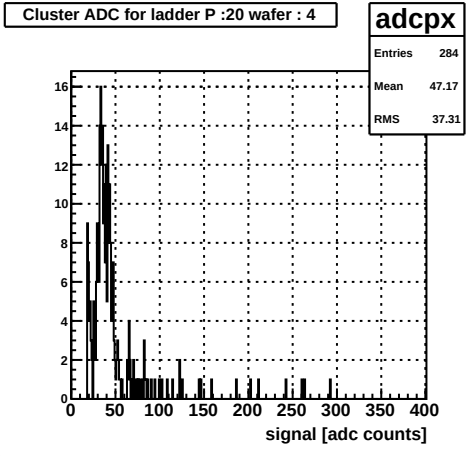

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 297
Mean 38.75
RMS 32.88
signal [adc counts]

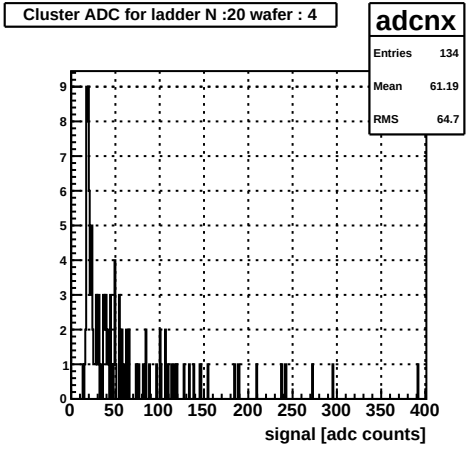

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 266
Mean 60.64
RMS 59.62
signal [adc counts]

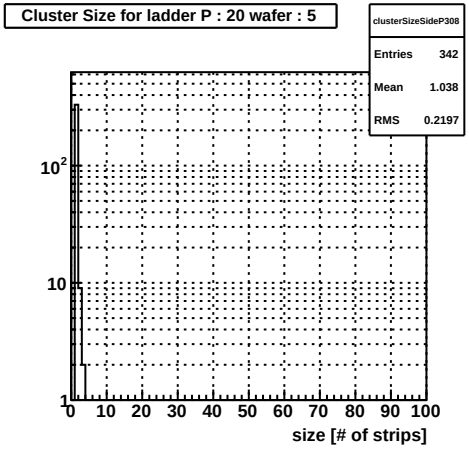

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 284
Mean 1.049
RMS 0.2469
size [# of strips]

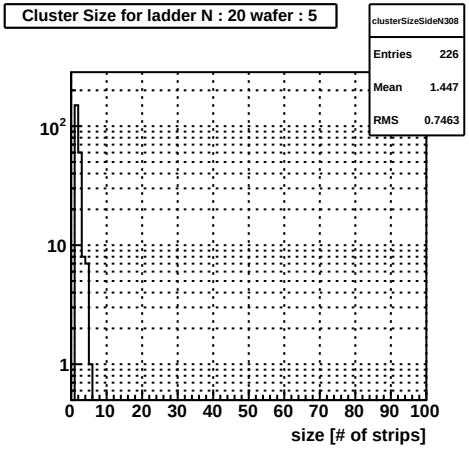

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 134
Mean 1.373
RMS 0.7297
size [# of strips]

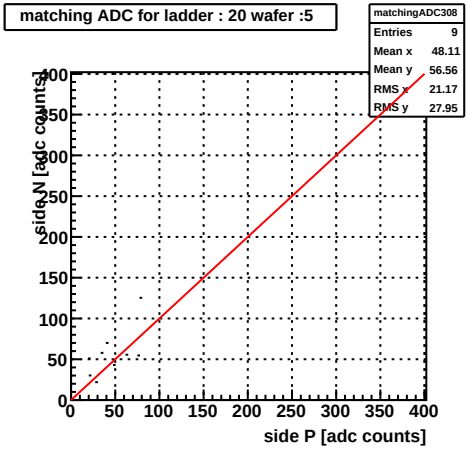

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 4
Mean x 78
Mean y 50.5
RMS x 42.84
RMS y 27.87
side N [adc counts]
side P [adc counts]

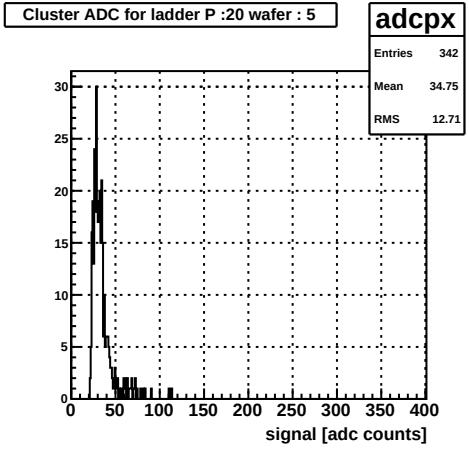

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 284
Mean 47.17
RMS 37.31
signal [adc counts]

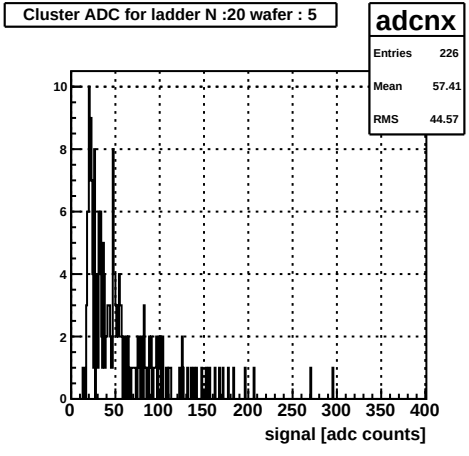

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 134
Mean 61.19
RMS 64.7
signal [adc counts]

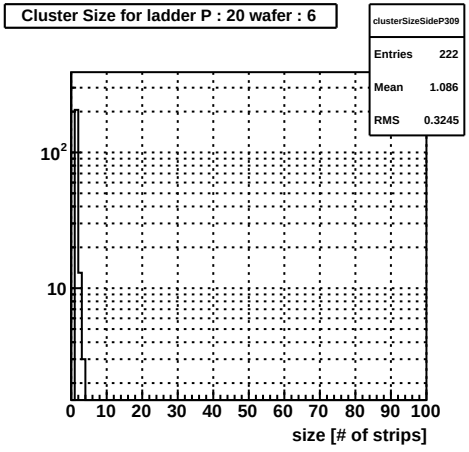

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 342
Mean 1.038
RMS 0.2197
size [# of strips]

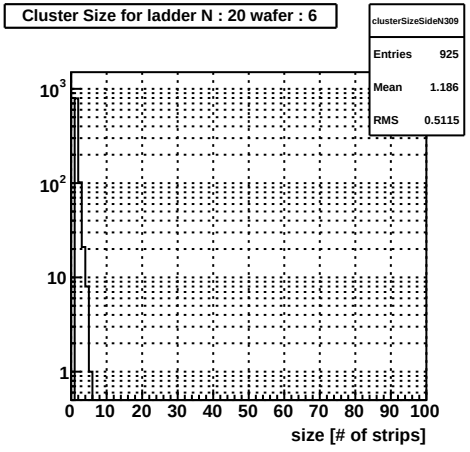

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 226
Mean 1.447
RMS 0.7463
size [# of strips]

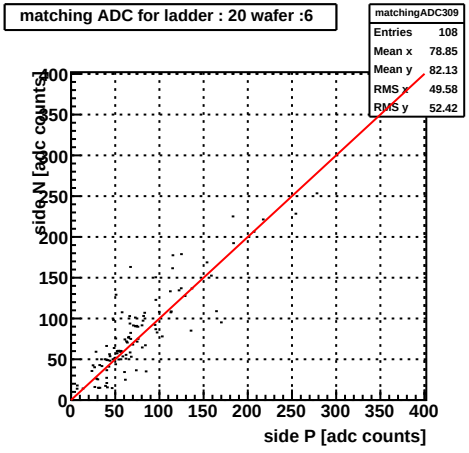

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 9
Mean x 48.11
Mean y 56.56
RMS x 21.17
RMS y 27.95
side N [adc counts]
side P [adc counts]

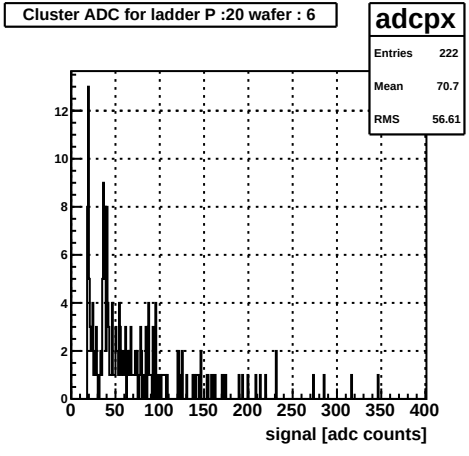

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 342
Mean 34.75
RMS 12.71
signal [adc counts]

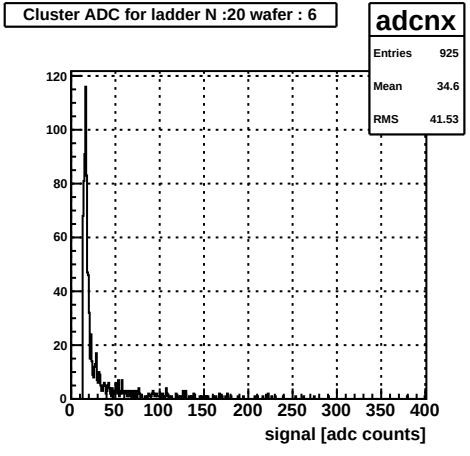

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 226
Mean 57.41
RMS 44.57
signal [adc counts]

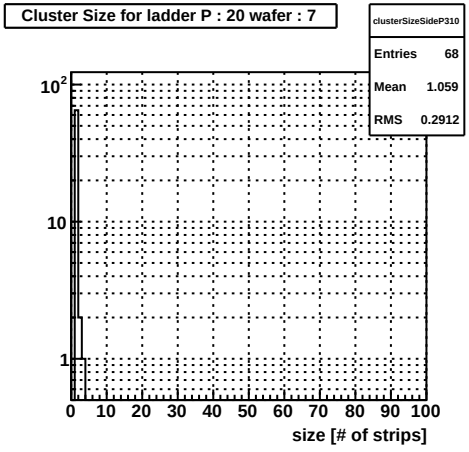

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 222
Mean 1.086
RMS 0.3245
size [# of strips]

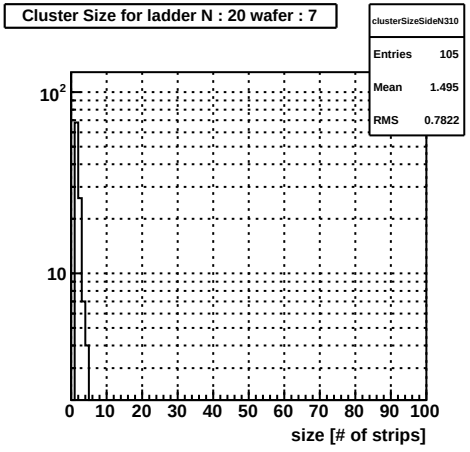

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 925
Mean 1.186
RMS 0.5115
size [# of strips]

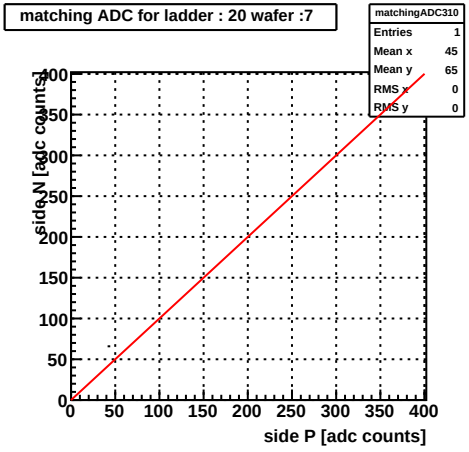

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 108
Mean x 78.85
Mean y 82.13
RMS x 49.58
RMS y 52.42
side N [adc counts]
side P [adc counts]

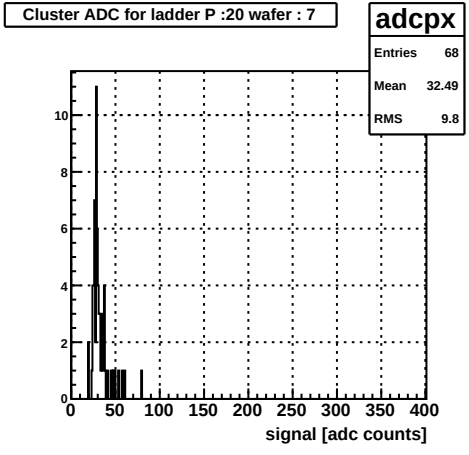

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 222
Mean 70.7
RMS 56.61
signal [adc counts]

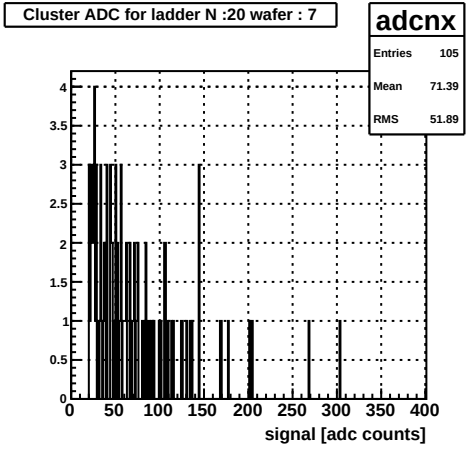

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 925
Mean 34.6
RMS 41.53
signal [adc counts]

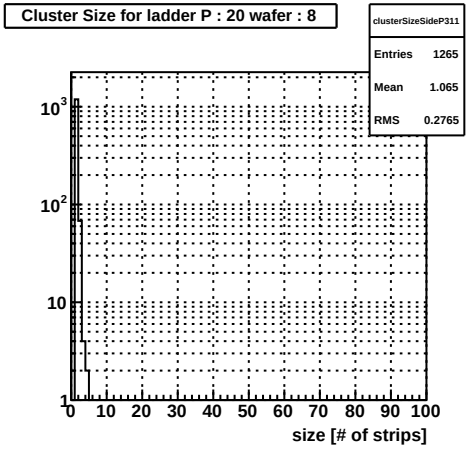

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 68
Mean 1.059
RMS 0.2912
size [# of strips]

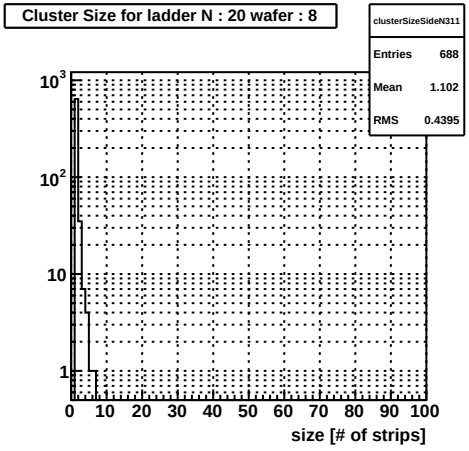

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 105
Mean 1.495
RMS 0.7822
size [# of strips]

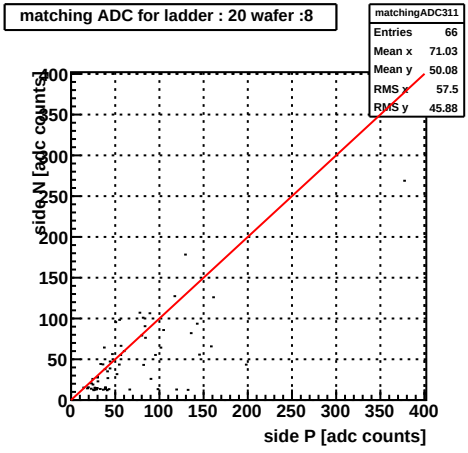

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 1
Mean x 45
Mean y 65
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

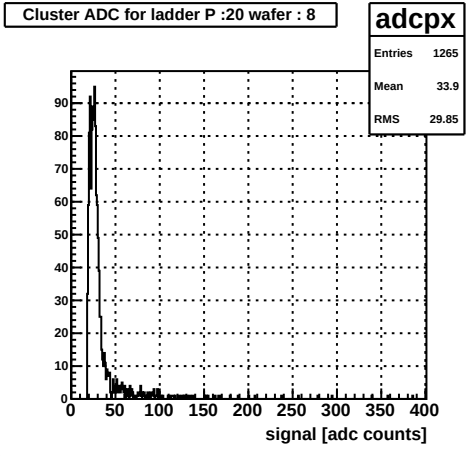

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 68
Mean 32.49
RMS 9.8
signal [adc counts]

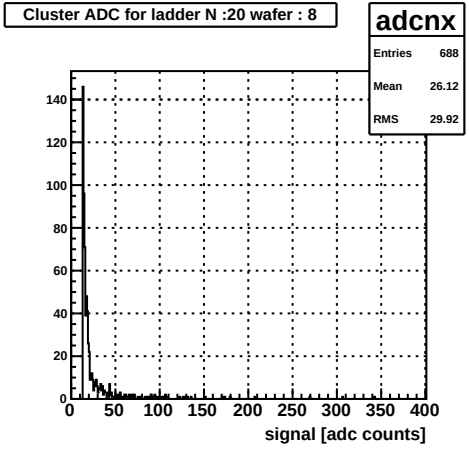

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 105
Mean 71.39
RMS 51.89
signal [adc counts]

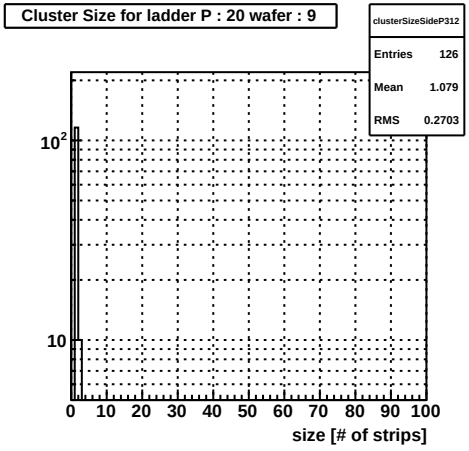

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 1265
Mean 1.065
RMS 0.2765
size [# of strips]

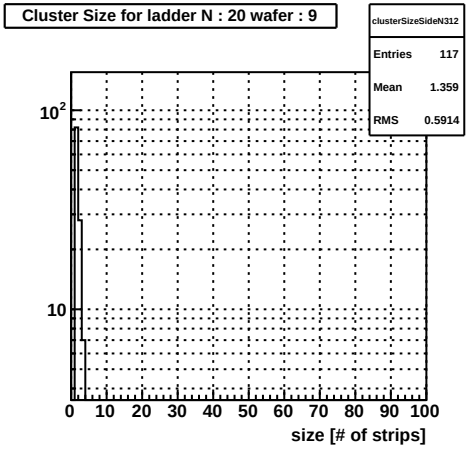

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 688
Mean 1.102
RMS 0.4395
size [# of strips]

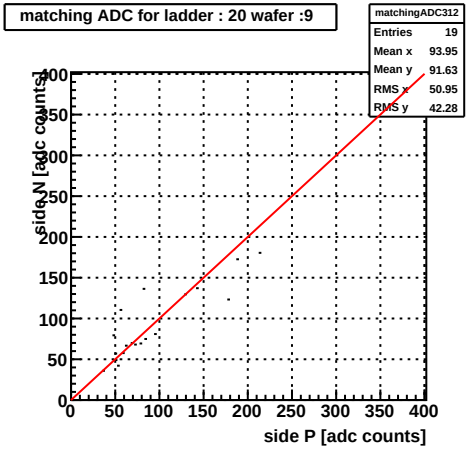

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 66
Mean x 71.03
Mean y 50.08
RMS x 57.5
RMS y 45.88
side N [adc counts]
side P [adc counts]

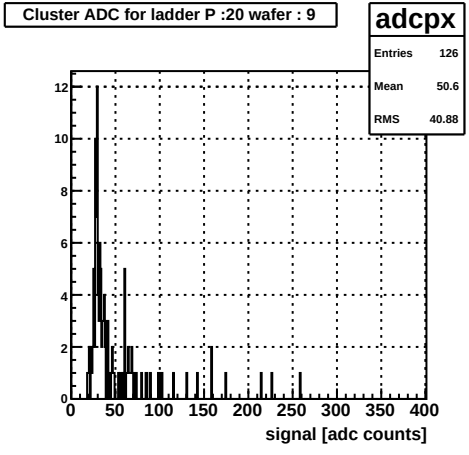

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 1265
Mean 33.9
RMS 29.85
signal [adc counts]

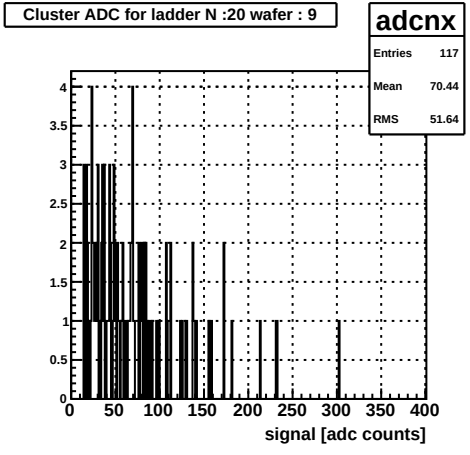

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 688
Mean 26.12
RMS 29.92
signal [adc counts]

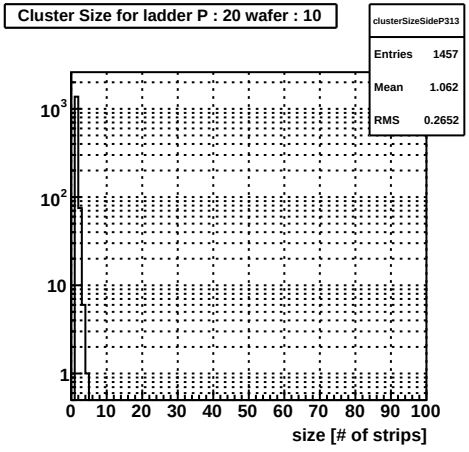

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 126
Mean 1.079
RMS 0.2703
size [# of strips]

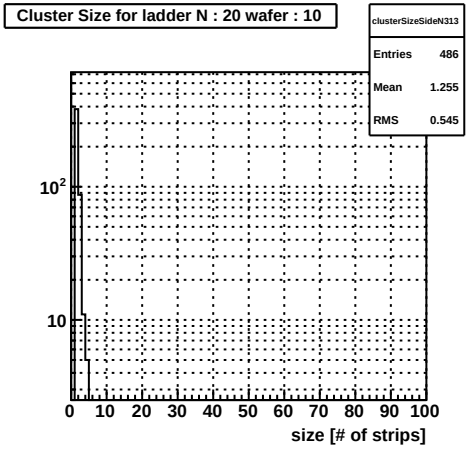

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 117
Mean 1.359
RMS 0.5914
size [# of strips]

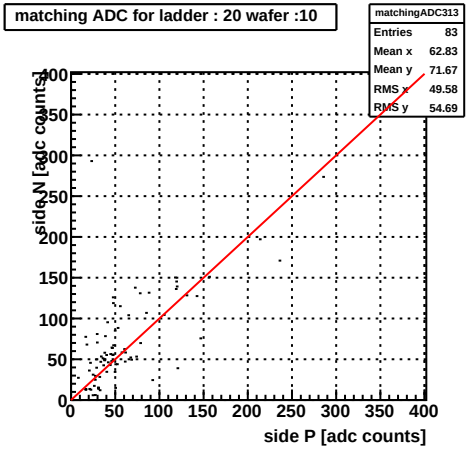

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 19
Mean x 93.95
Mean y 91.63
RMS x 50.95
RMS y 42.28
side N [adc counts]
side P [adc counts]

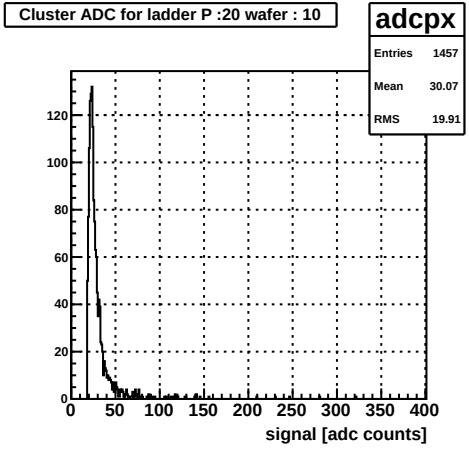

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 126
Mean 50.6
RMS 40.88
signal [adc counts]

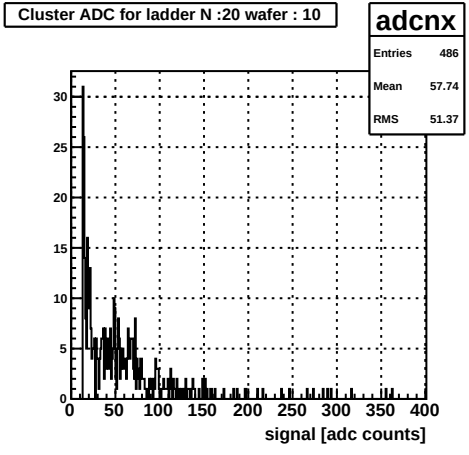

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 117
Mean 70.44
RMS 51.64
signal [adc counts]

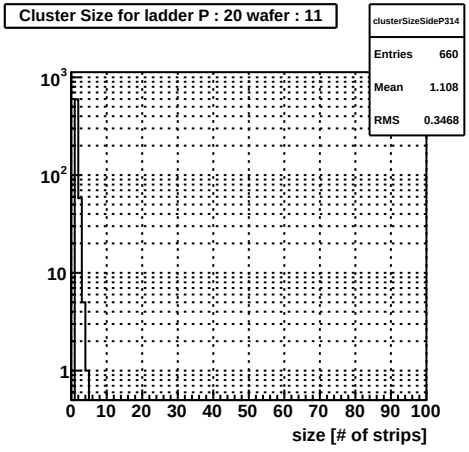

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 1457
Mean 1.062
RMS 0.2652
size [# of strips]

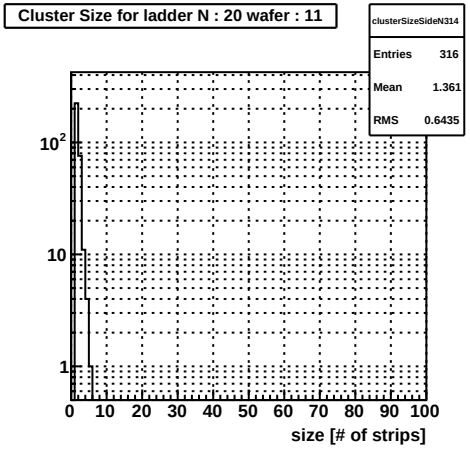

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 486
Mean 1.255
RMS 0.545
size [# of strips]

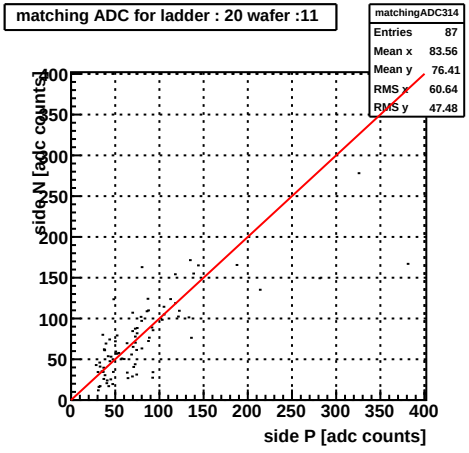

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 83
Mean x 62.83
Mean y 71.67
RMS x 49.58
RMS y 54.69
side N [adc counts]
side P [adc counts]

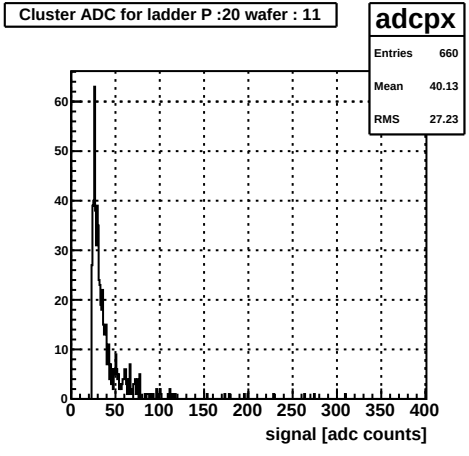

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 1457
Mean 30.07
RMS 19.91
signal [adc counts]

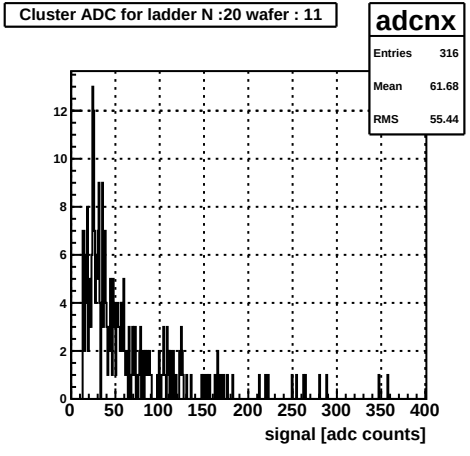

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 486
Mean 57.74
RMS 51.37
signal [adc counts]

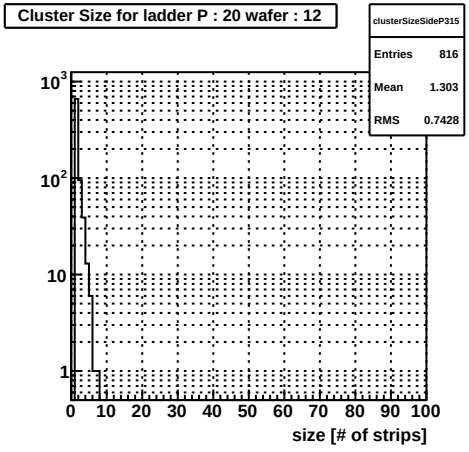

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 660
Mean 1.108
RMS 0.3468
size [# of strips]

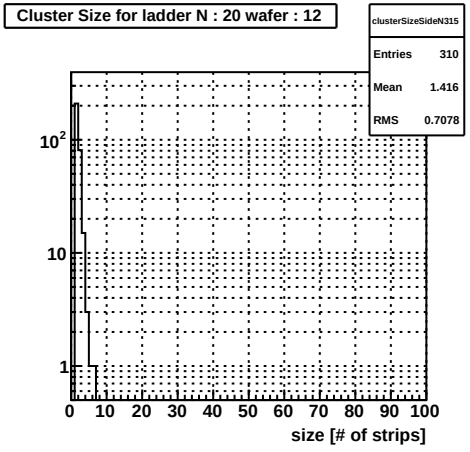

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 316
Mean 1.361
RMS 0.6435
size [# of strips]

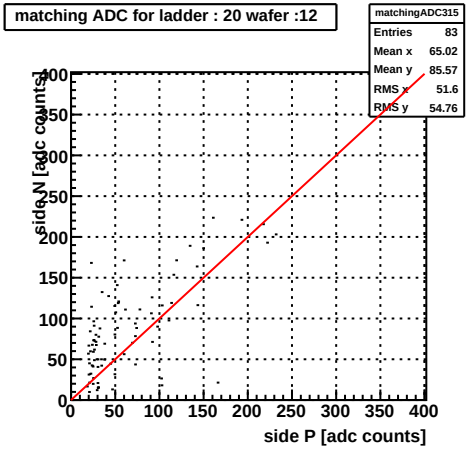

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 87
Mean x 83.56
Mean y 76.41
RMS x 60.64
RMS y 47.48
side N [adc counts]
side P [adc counts]

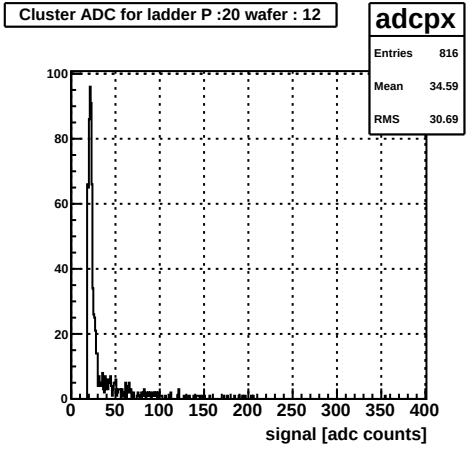

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 660
Mean 40.13
RMS 27.23
signal [adc counts]

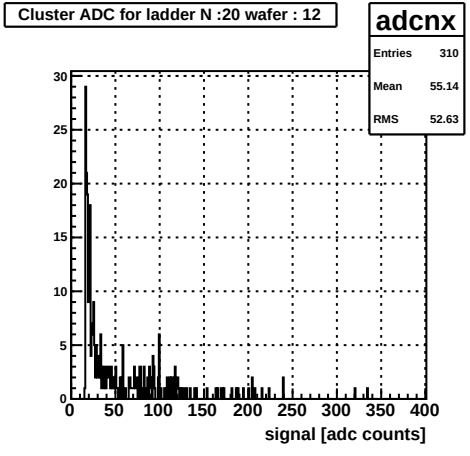

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 316
Mean 61.68
RMS 55.44
signal [adc counts]

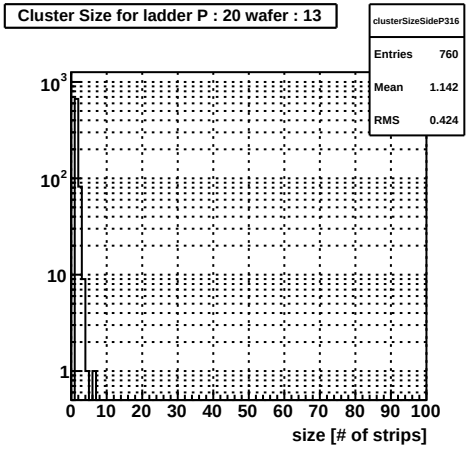

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 816
Mean 1.303
RMS 0.7428
size [# of strips]

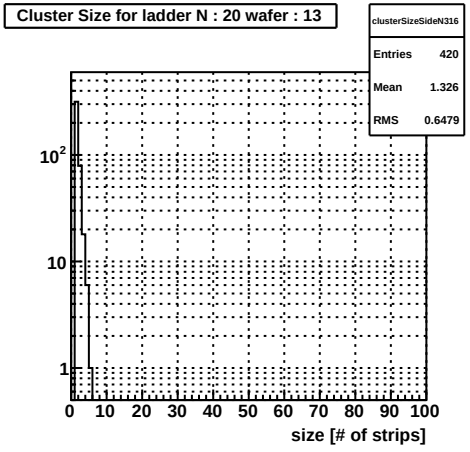

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 310
Mean 1.416
RMS 0.7078
size [# of strips]

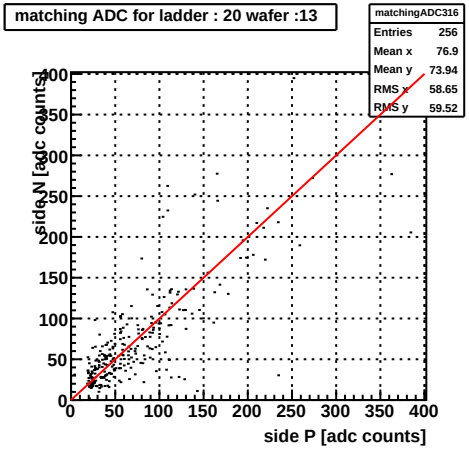

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 83
Mean x 65.02
Mean y 85.57
RMS x 51.6
RMS y 54.76
side N [adc counts]
side P [adc counts]

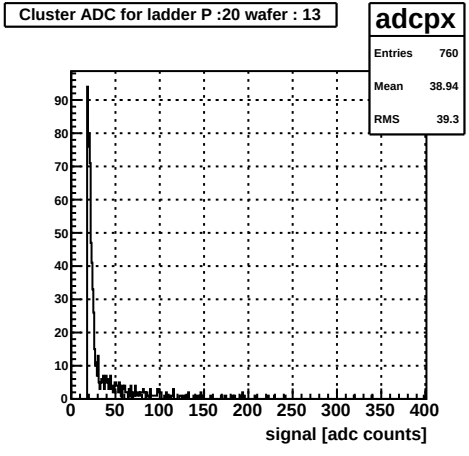

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 816
Mean 34.59
RMS 30.69
signal [adc counts]

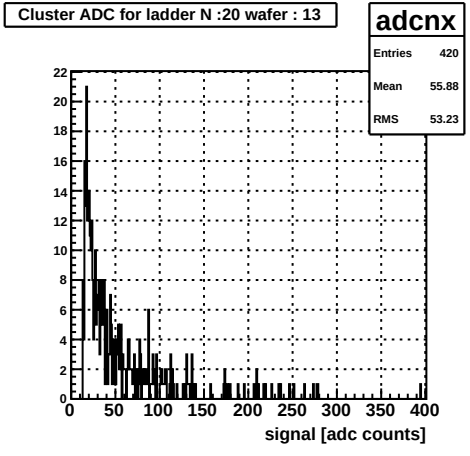

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 310
Mean 55.14
RMS 52.63
signal [adc counts]

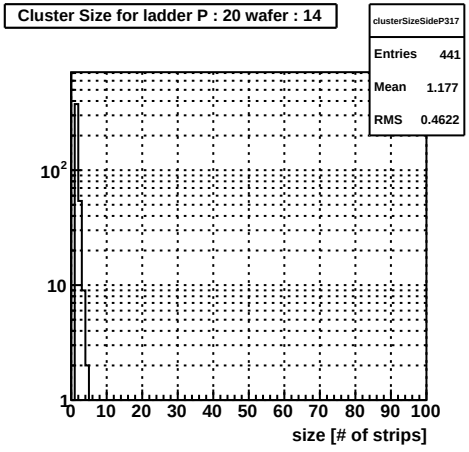

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 760
Mean 1.142
RMS 0.424
size [# of strips]

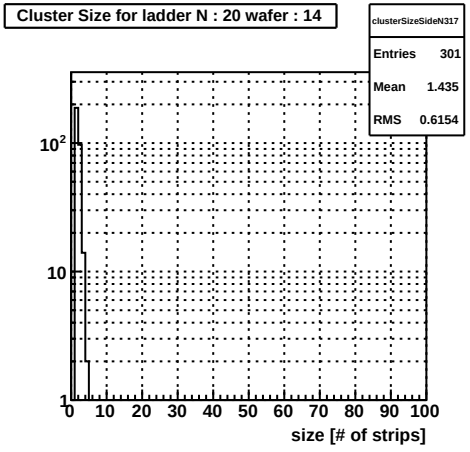

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 420
Mean 1.326
RMS 0.6479
size [# of strips]

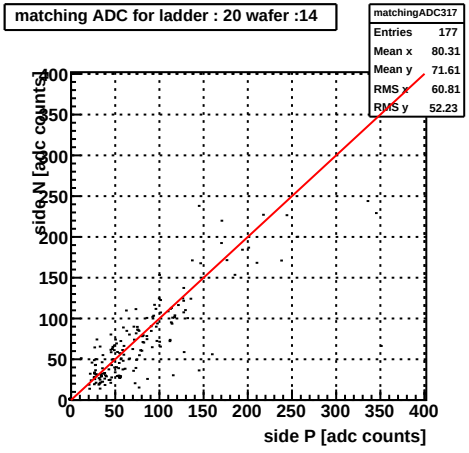

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 256
Mean x 76.9
Mean y 73.94
RMS x 58.65
RMS y 59.52
side N [adc counts]
side P [adc counts]

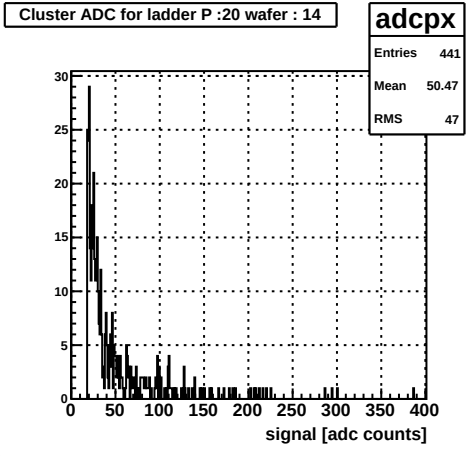

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 760
Mean 38.94
RMS 39.3
signal [adc counts]

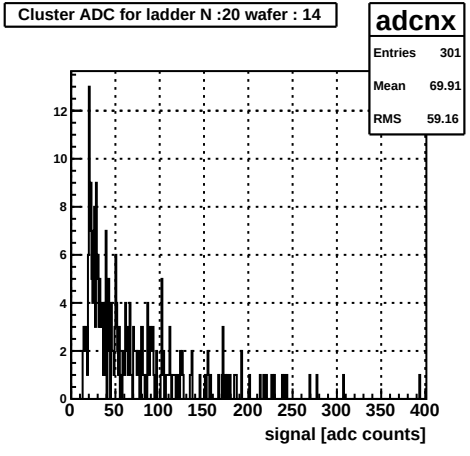

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 420
Mean 55.88
RMS 53.23
signal [adc counts]

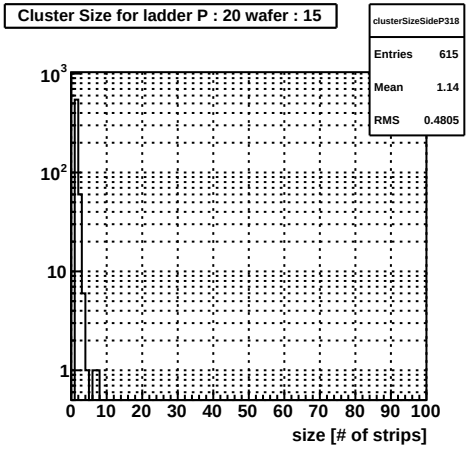

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 441
Mean 1.177
RMS 0.4622
size [# of strips]

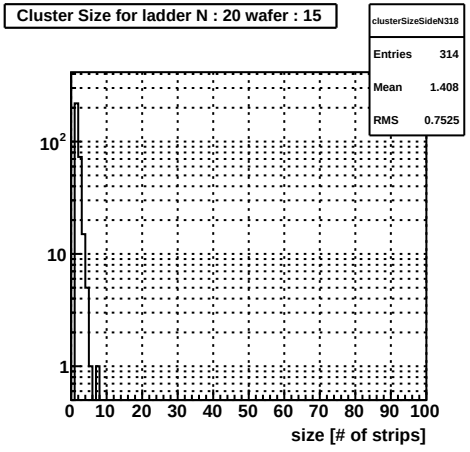

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 301
Mean 1.435
RMS 0.6154
size [# of strips]

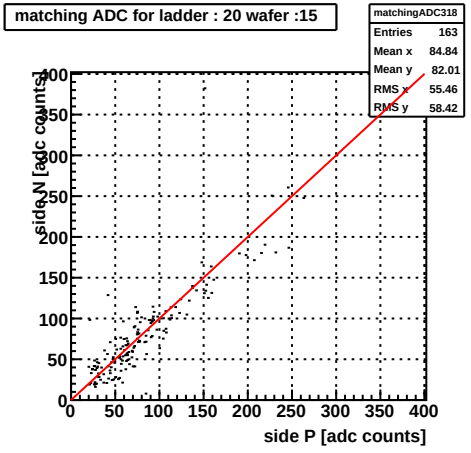

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 177
Mean x 80.31
Mean y 71.61
RMS x 60.81
RMS y 52.23
side N [adc counts]
side P [adc counts]

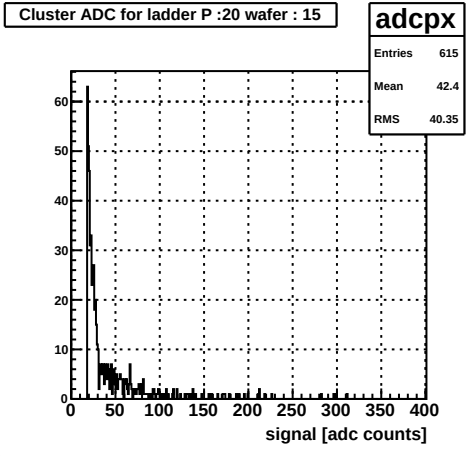

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 441
Mean 50.47
RMS 47
signal [adc counts]

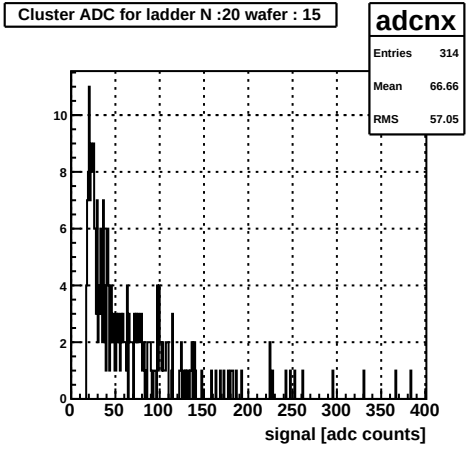

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 301
Mean 69.91
RMS 59.16
signal [adc counts]

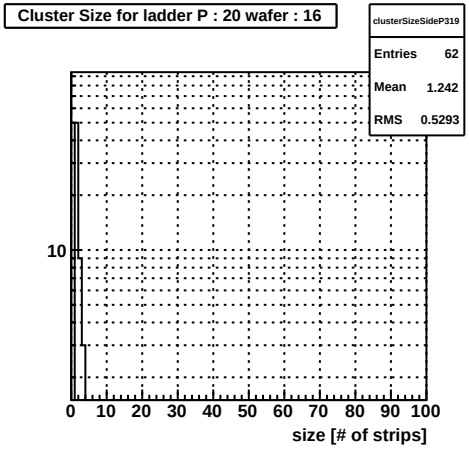

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 615
Mean 1.14
RMS 0.4805
size [# of strips]

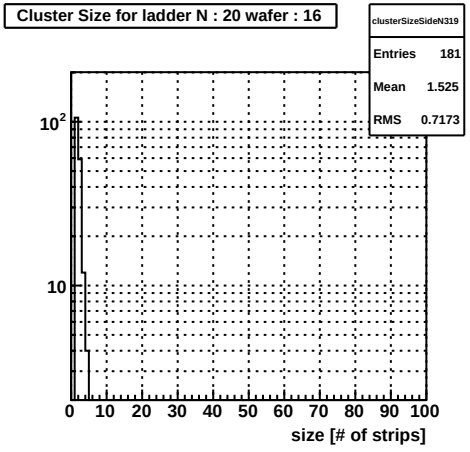

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 314
Mean 1.408
RMS 0.7525
size [# of strips]

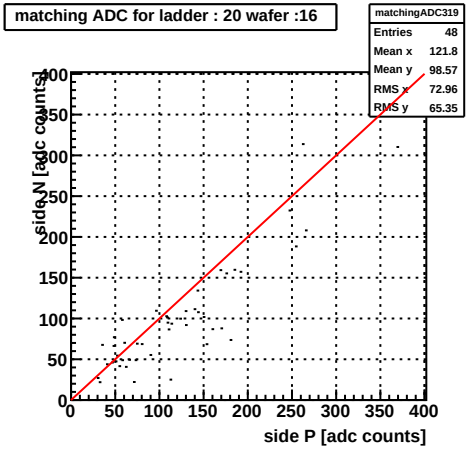

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 163
Mean x 84.84
Mean y 82.01
RMS x 55.46
RMS y 58.42
side N [adc counts]
side P [adc counts]

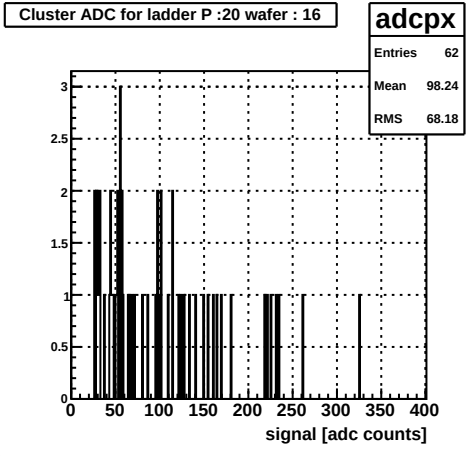

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 615
Mean 42.4
RMS 40.35
signal [adc counts]

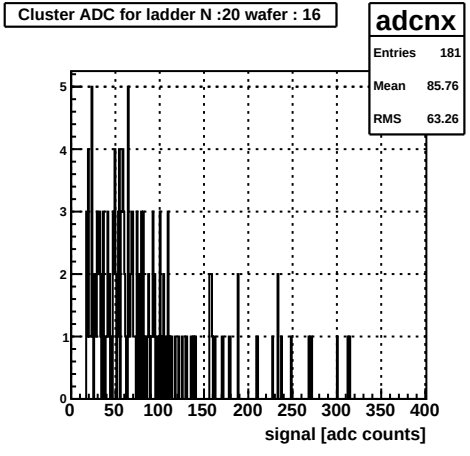

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 314
Mean 66.66
RMS 57.05
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 62
Mean 1.242
RMS 0.5293
size [# of strips]

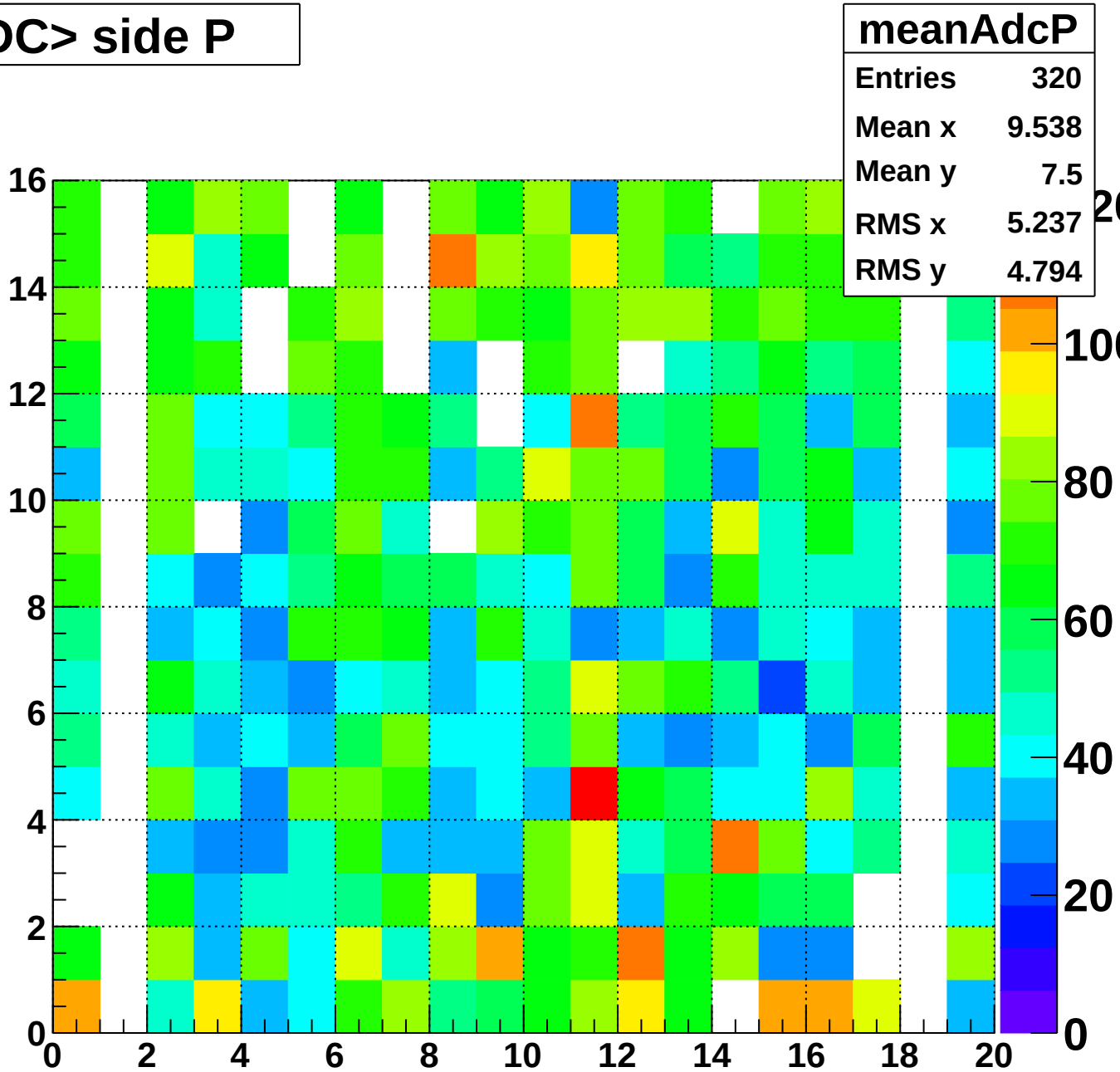

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 181
Mean 1.525
RMS 0.7173
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 48
Mean x 121.8
Mean y 98.57
RMS x 72.96
RMS y 65.35
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 62
Mean 98.24
RMS 68.18
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 181
Mean 85.76
RMS 63.26
signal [adc counts]

<ADC> side P



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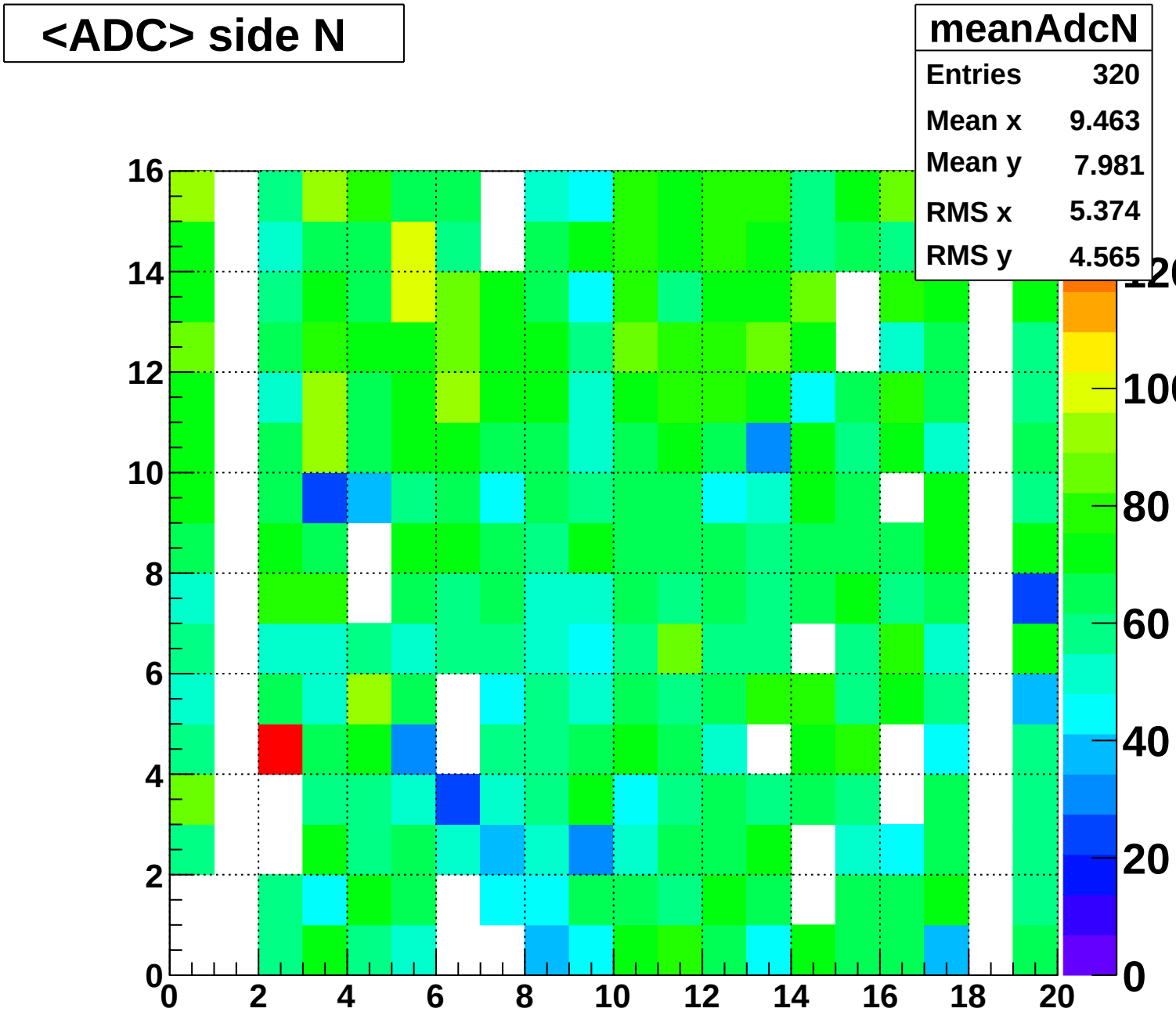

2016-05-19 19:25:31