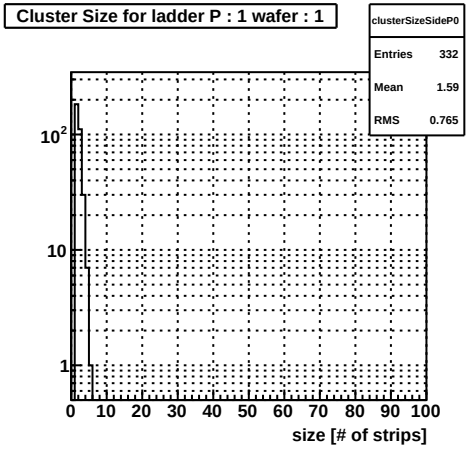
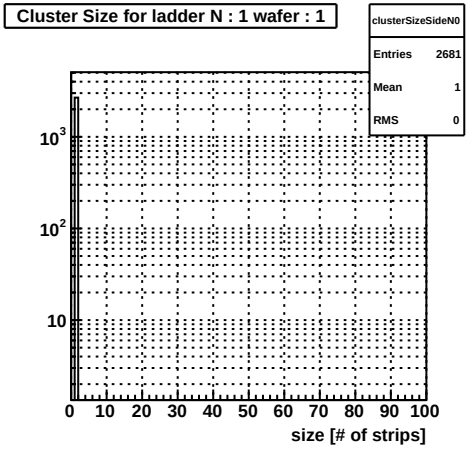
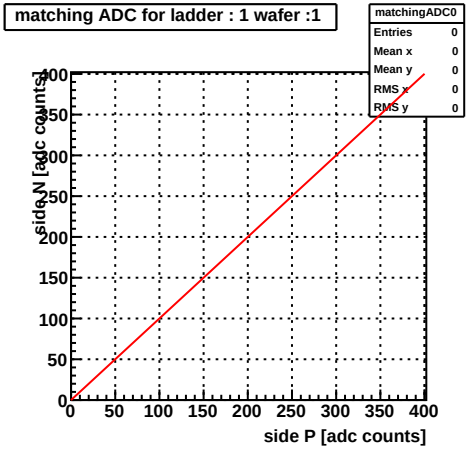
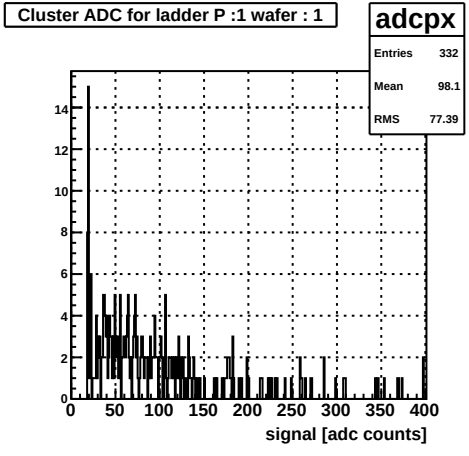
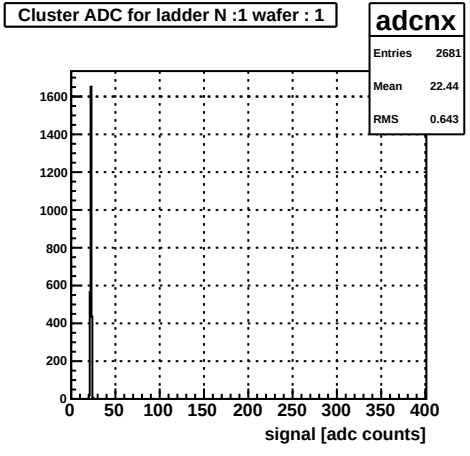
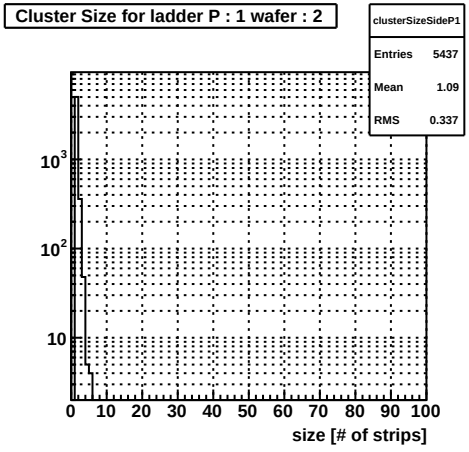

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 332
Mean 1.59
RMS 0.765
size [# of strips]

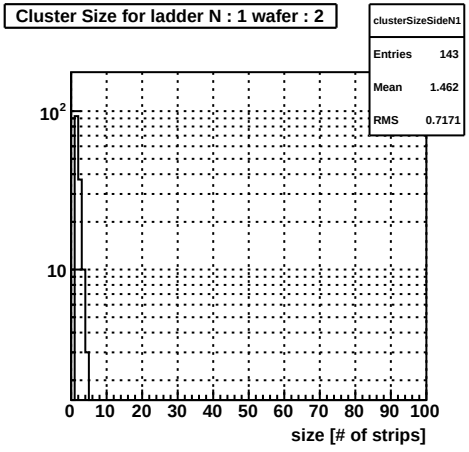

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2681
Mean 1
RMS 0
size [# of strips]

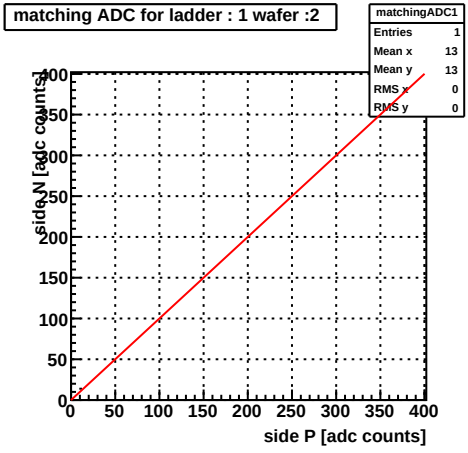

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

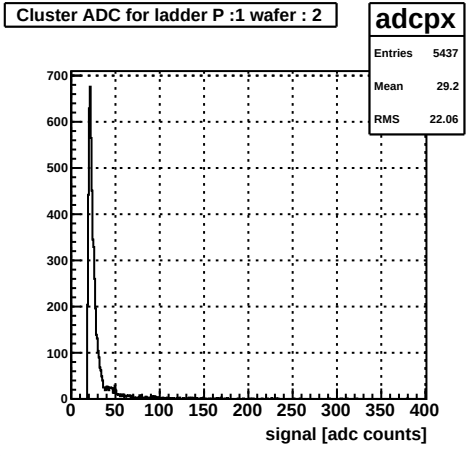

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 332
Mean 98.1
RMS 77.39
signal [adc counts]

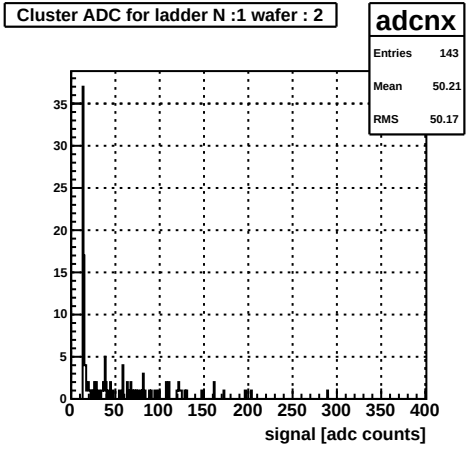

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2681
Mean 22.44
RMS 0.643
signal [adc counts]

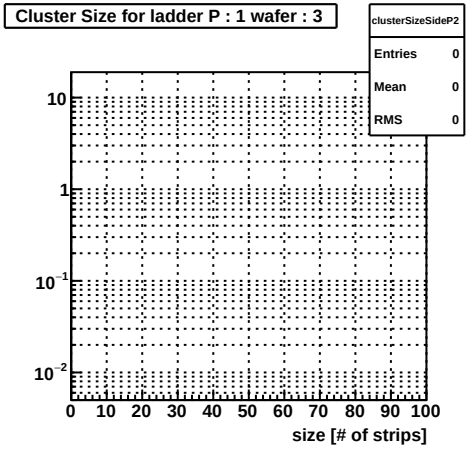

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5437
Mean 1.09
RMS 0.337
size [# of strips]

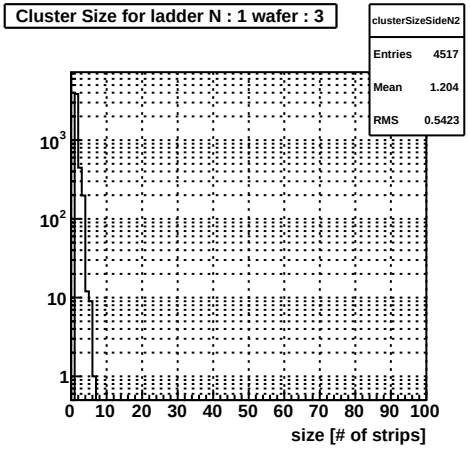

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 143
Mean 1.462
RMS 0.7171
size [# of strips]

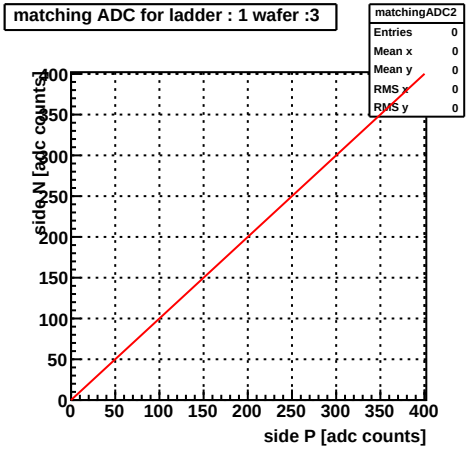

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 13
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

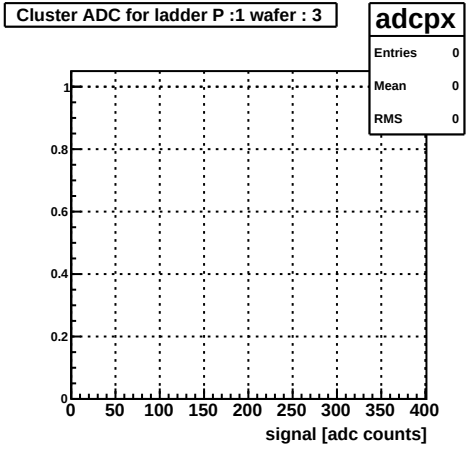

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5437
Mean 29.2
RMS 22.06
signal [adc counts]

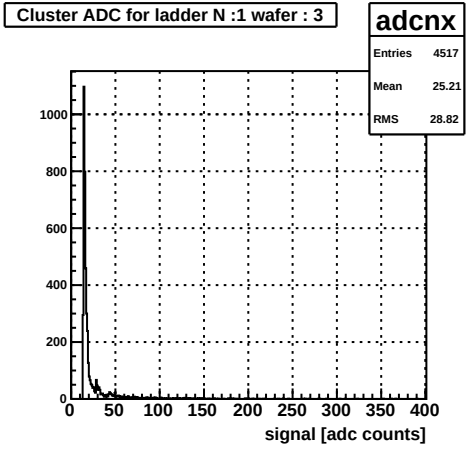

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 143
Mean 50.21
RMS 50.17
signal [adc counts]

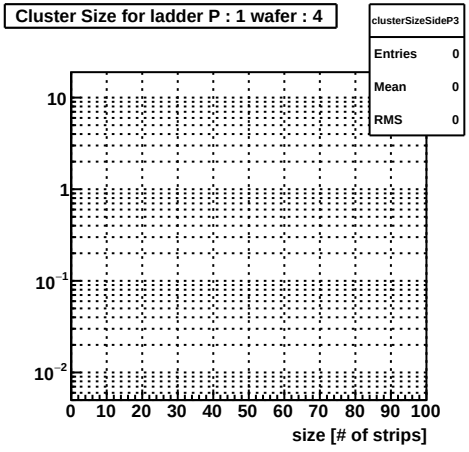

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

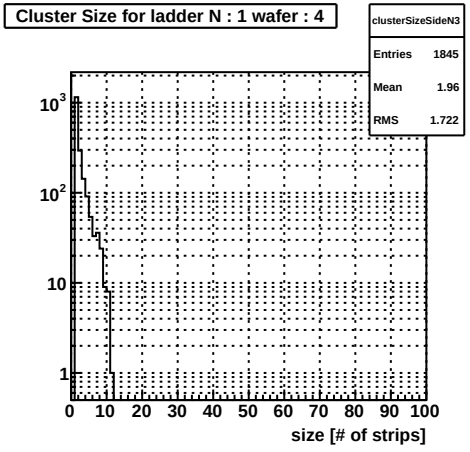

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4517
Mean 1.204
RMS 0.5423
size [# of strips]

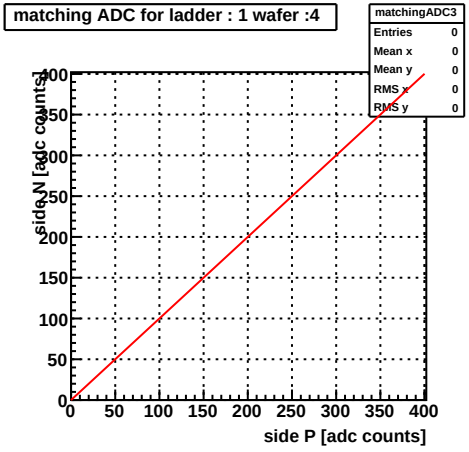

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

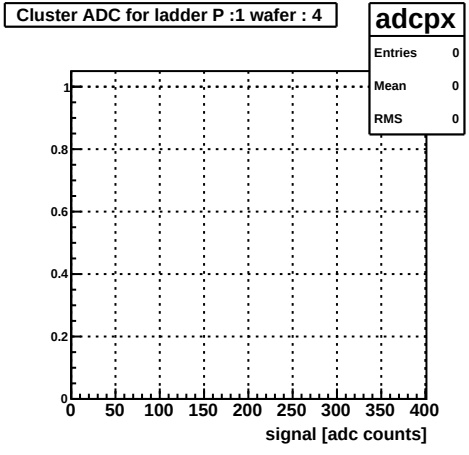

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

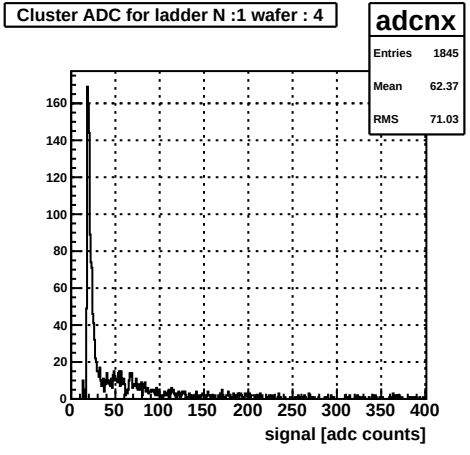

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4517
Mean 25.21
RMS 28.82
signal [adc counts]

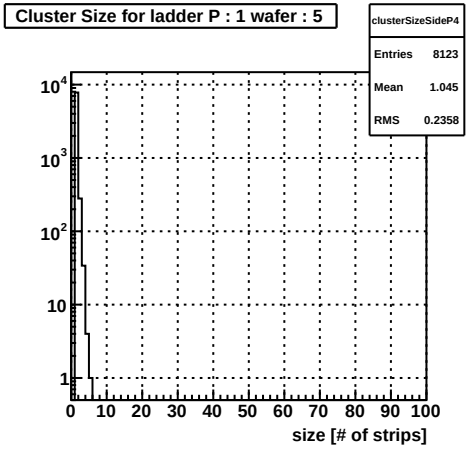

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

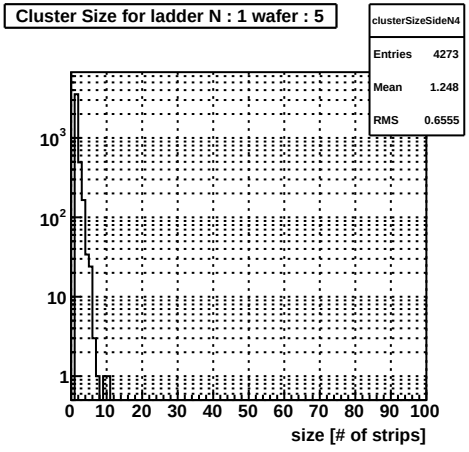

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1845
Mean 1.96
RMS 1.722
size [# of strips]

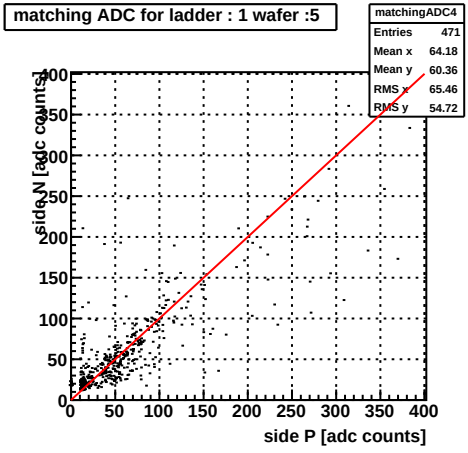

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

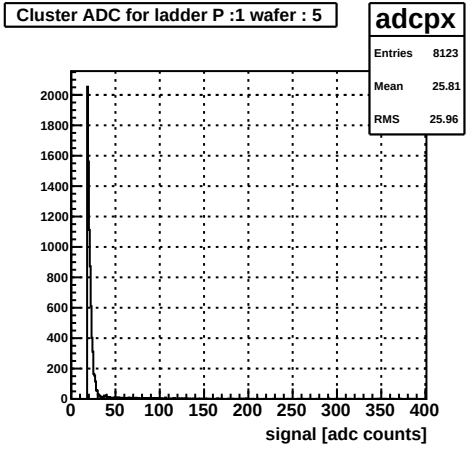

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

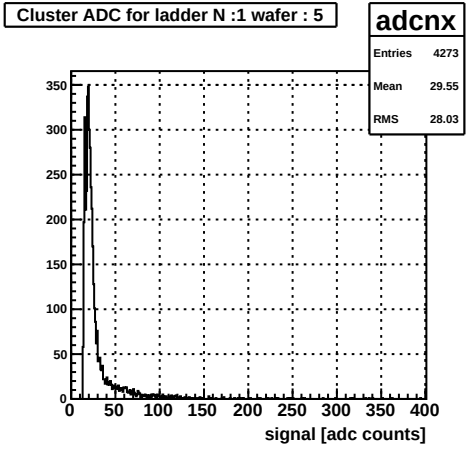

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1845
Mean 62.37
RMS 71.03
signal [adc counts]

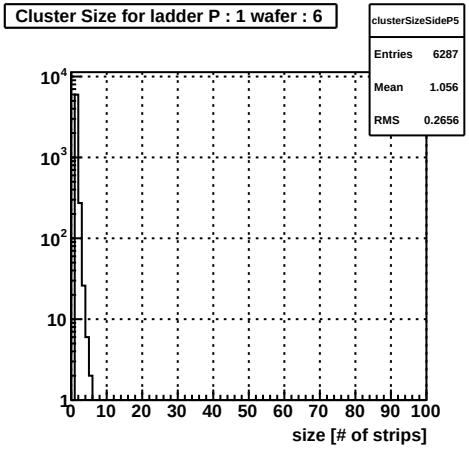

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8123
Mean 1.045
RMS 0.2358
size [# of strips]

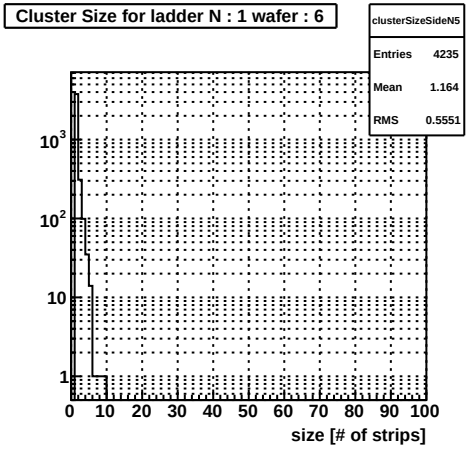

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4273
Mean 1.248
RMS 0.6555
size [# of strips]

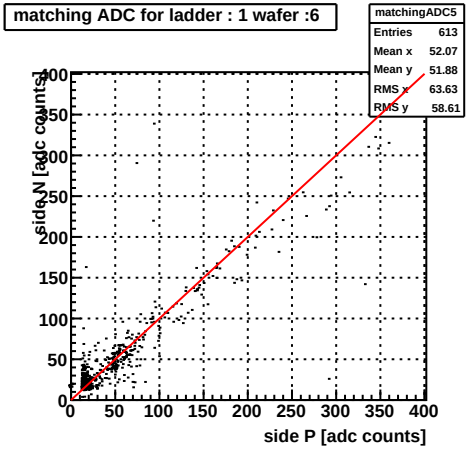

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 471
Mean x 64.18
Mean y 60.36
RMS x 65.46
RMS y 54.72
side N [adc counts]
side P [adc counts]

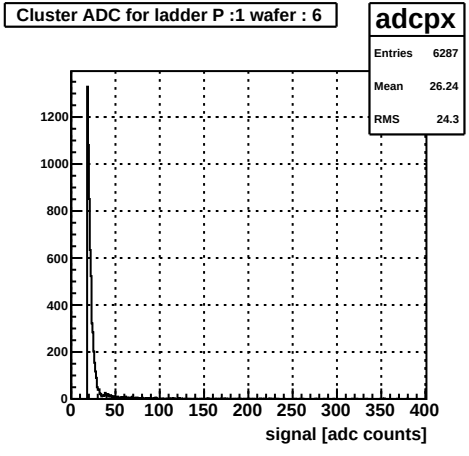

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8123
Mean 25.81
RMS 25.96
signal [adc counts]

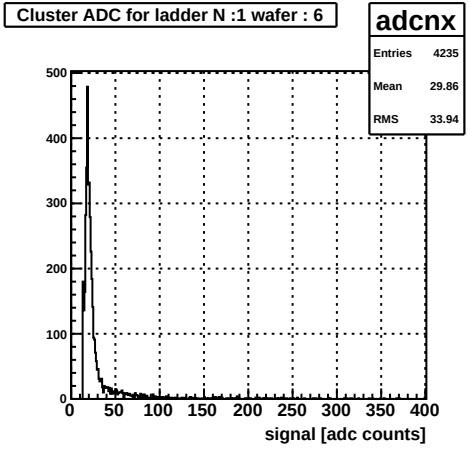

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4273
Mean 29.55
RMS 28.03
signal [adc counts]

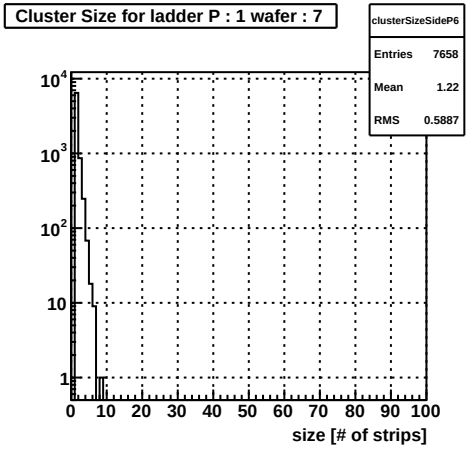

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6287
Mean 1.056
RMS 0.2656
size [# of strips]

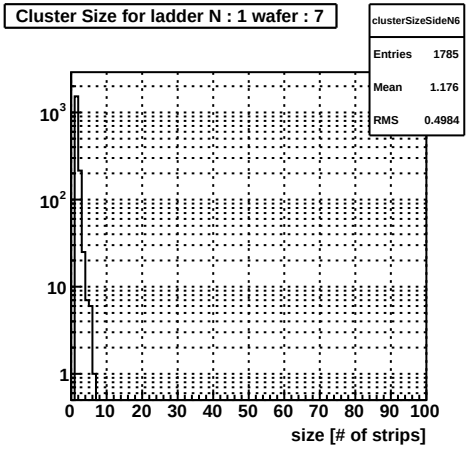

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4235
Mean 1.164
RMS 0.5551
size [# of strips]

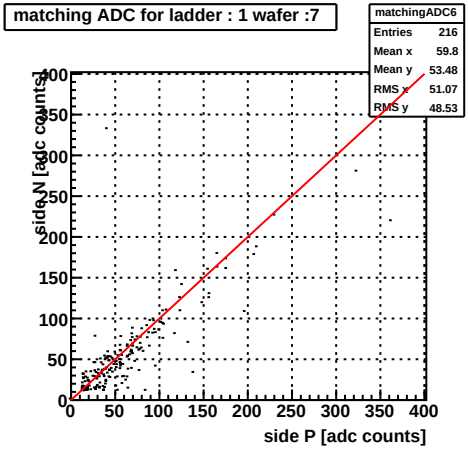

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 613
Mean x 52.07
Mean y 51.88
RMS x 63.63
RMS y 58.61
side N [adc counts]
side P [adc counts]

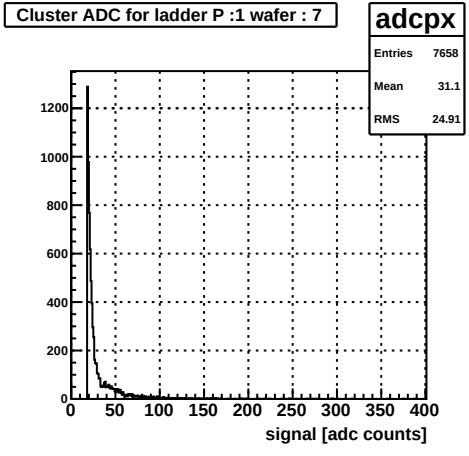

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6287
Mean 26.24
RMS 24.3
signal [adc counts]

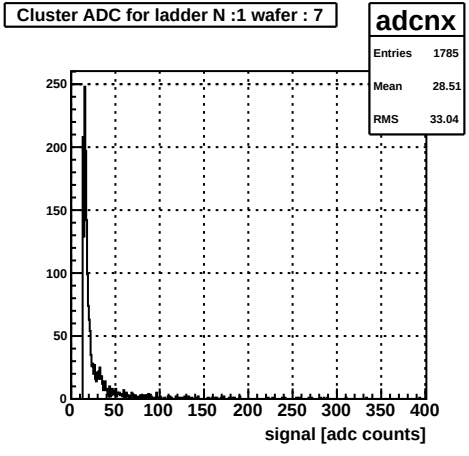

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4235
Mean 29.86
RMS 33.94
signal [adc counts]

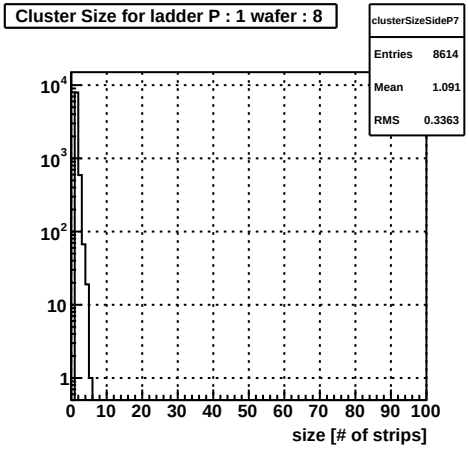

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 7658
Mean 1.22
RMS 0.5887
size [# of strips]

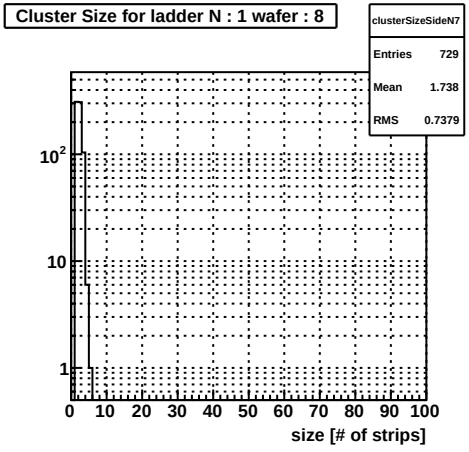

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1785
Mean 1.176
RMS 0.4984
size [# of strips]

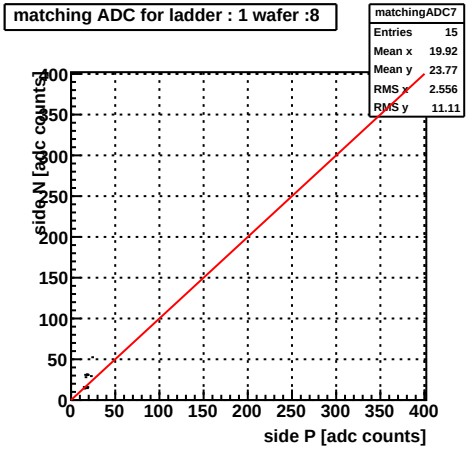

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 216
Mean x 59.8
Mean y 53.48
RMS x 51.07
RMS y 48.53
side N [adc counts]
side P [adc counts]

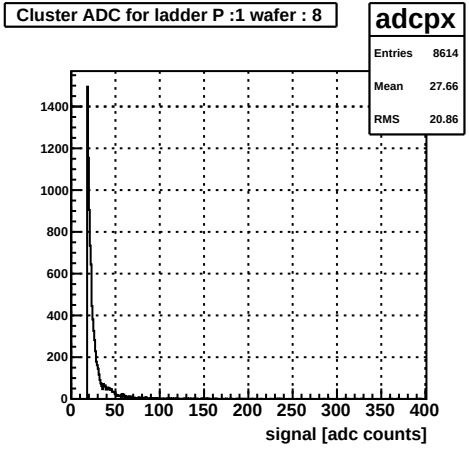

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 7658
Mean 31.1
RMS 24.91
signal [adc counts]

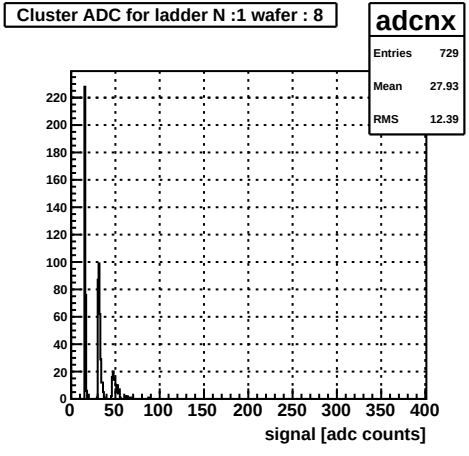

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1785
Mean 28.51
RMS 33.04
signal [adc counts]

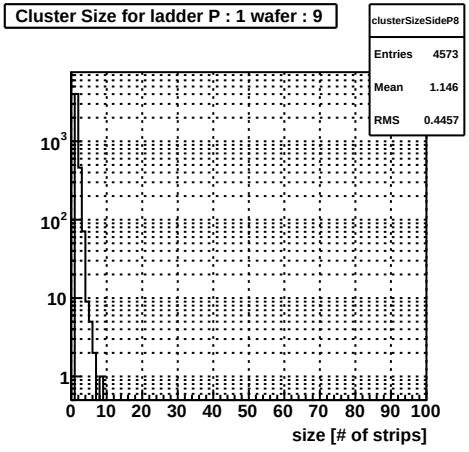

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8614
Mean 1.091
RMS 0.3363
size [# of strips]

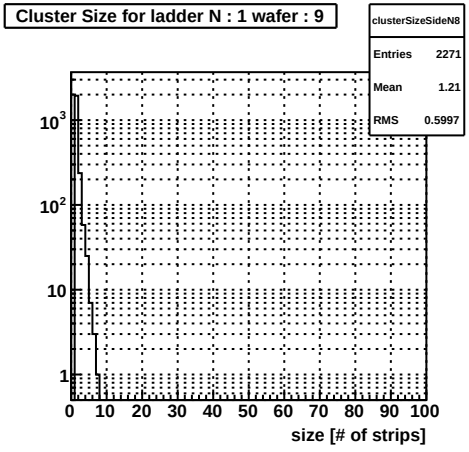

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 729
Mean 1.738
RMS 0.7379
size [# of strips]

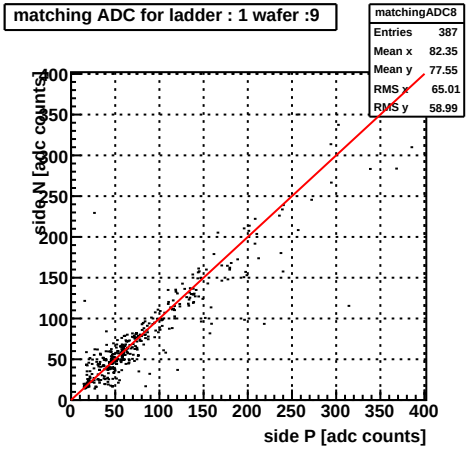

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 15
Mean x 19.92
Mean y 23.77
RMS x 2.556
RMS y 11.11
side N [adc counts]
side P [adc counts]

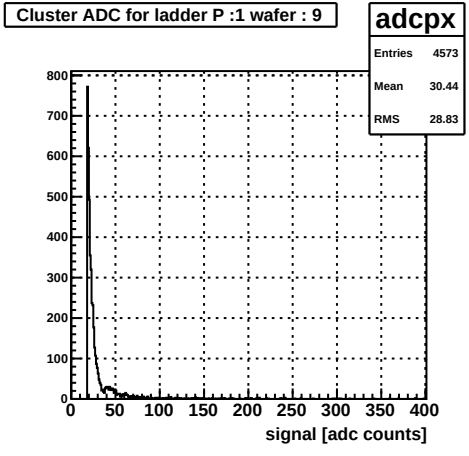

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8614
Mean 27.66
RMS 20.86
signal [adc counts]

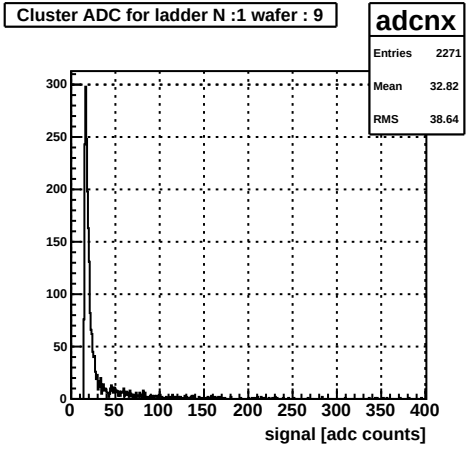

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 729
Mean 27.93
RMS 12.39
signal [adc counts]

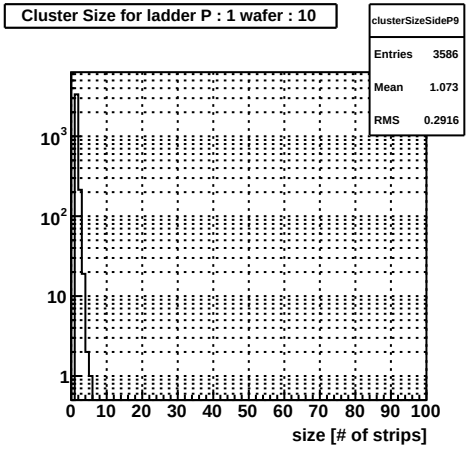

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4573
Mean 1.146
RMS 0.4457
size [# of strips]

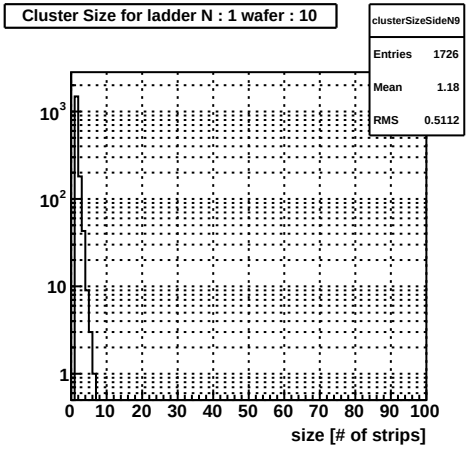

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2271
Mean 1.21
RMS 0.5997
size [# of strips]

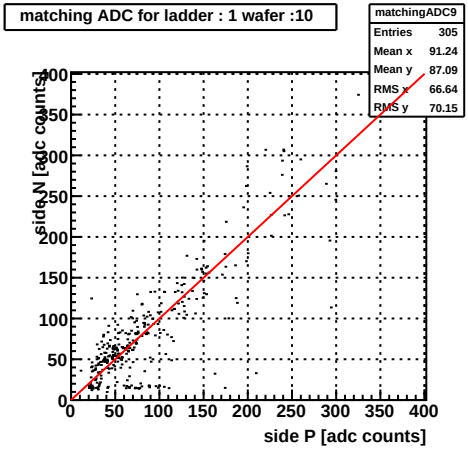

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 387
Mean x 82.35
Mean y 77.55
RMS x 65.01
RMS y 58.99
side N [adc counts]
side P [adc counts]

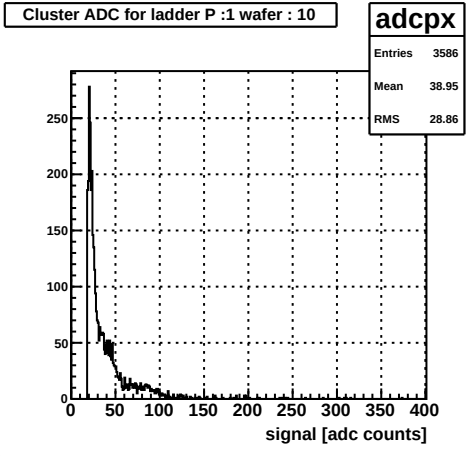

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4573
Mean 30.44
RMS 28.83
signal [adc counts]

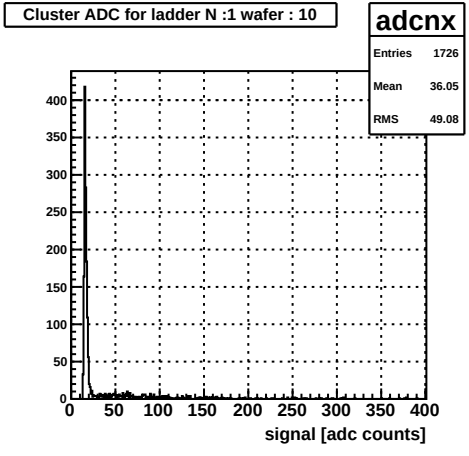

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2271
Mean 32.82
RMS 38.64
signal [adc counts]

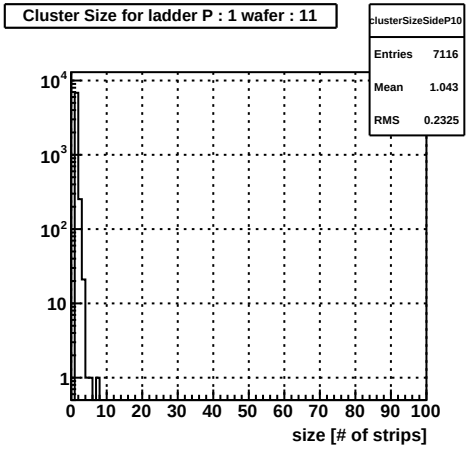

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3586
Mean 1.073
RMS 0.2916
size [# of strips]

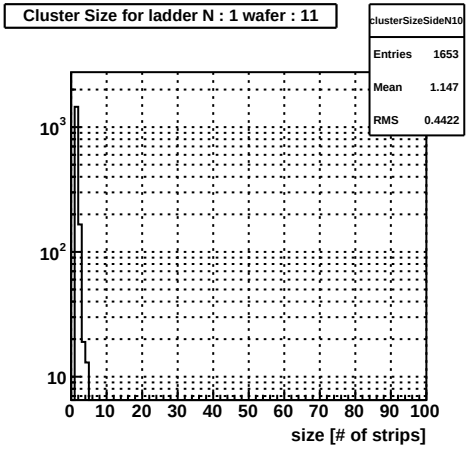

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1726
Mean 1.18
RMS 0.5112
size [# of strips]

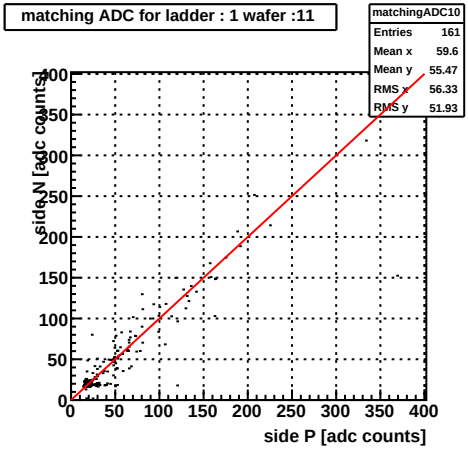

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 305
Mean x 91.24
Mean y 87.09
RMS x 66.64
RMS y 70.15
side N [adc counts]
side P [adc counts]

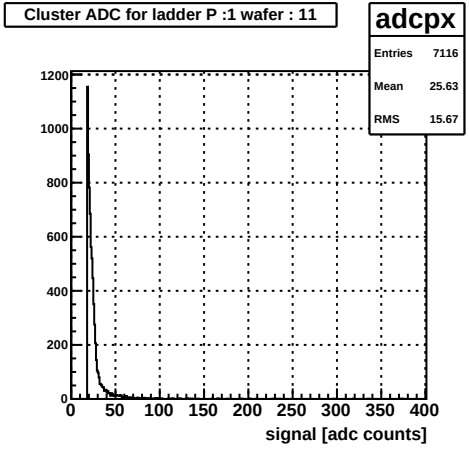

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3586
Mean 38.95
RMS 28.86
signal [adc counts]

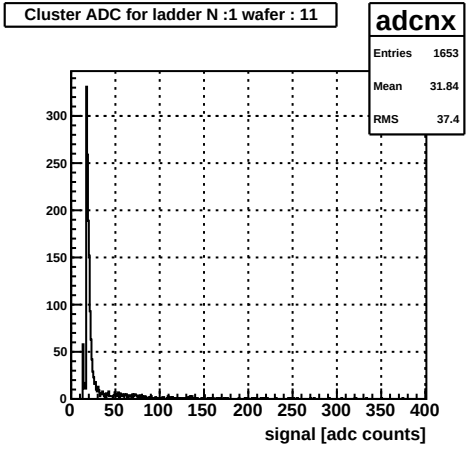

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1726
Mean 36.05
RMS 49.08
signal [adc counts]

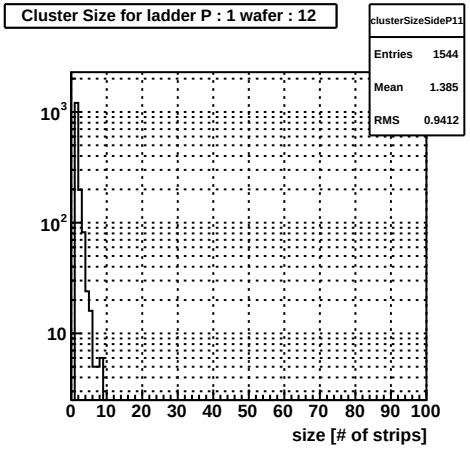

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7116
Mean 1.043
RMS 0.2325
size [# of strips]

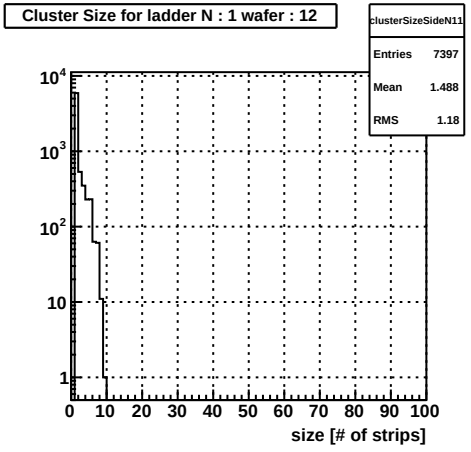

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1653
Mean 1.147
RMS 0.4422
size [# of strips]

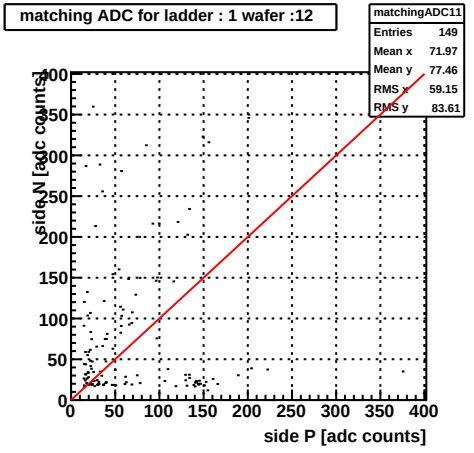

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 161
Mean x 59.6
Mean y 55.47
RMS x 56.33
RMS y 51.93
side N [adc counts]
side P [adc counts]

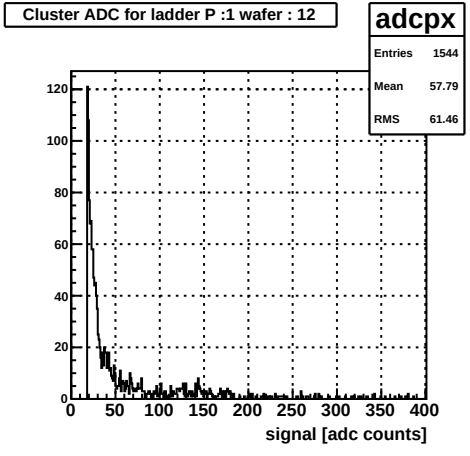

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7116
Mean 25.63
RMS 15.67
signal [adc counts]

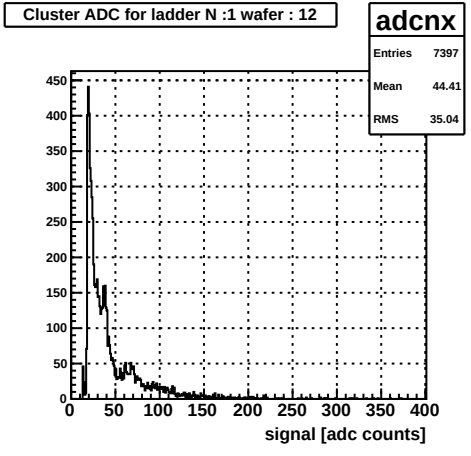

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1653
Mean 31.84
RMS 37.4
signal [adc counts]

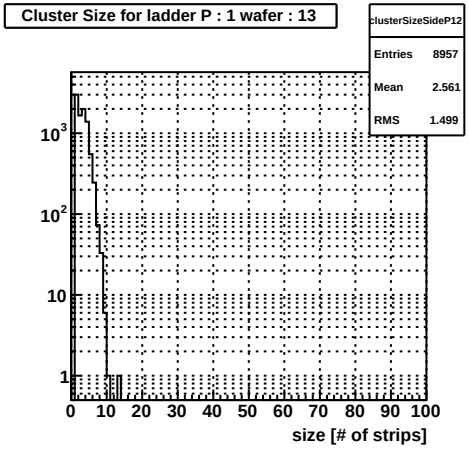

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1544
Mean 1.385
RMS 0.9412
size [# of strips]

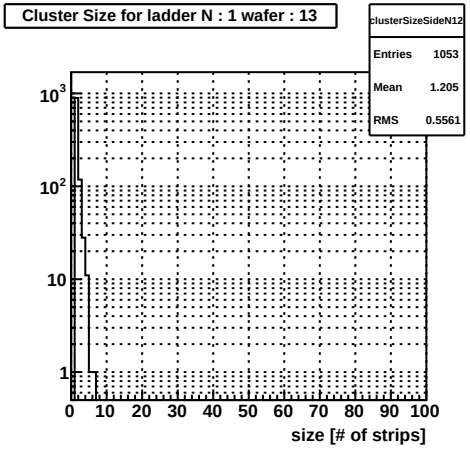

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7397
Mean 1.488
RMS 1.18
size [# of strips]

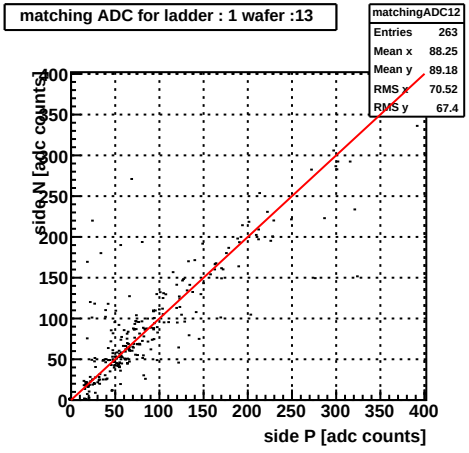

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 149
Mean x 71.97
Mean y 77.46
RMS x 59.15
RMS y 83.61
side N [adc counts]
side P [adc counts]

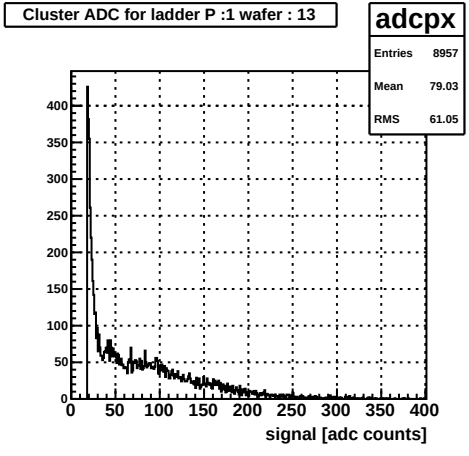

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1544
Mean 57.79
RMS 61.46
signal [adc counts]

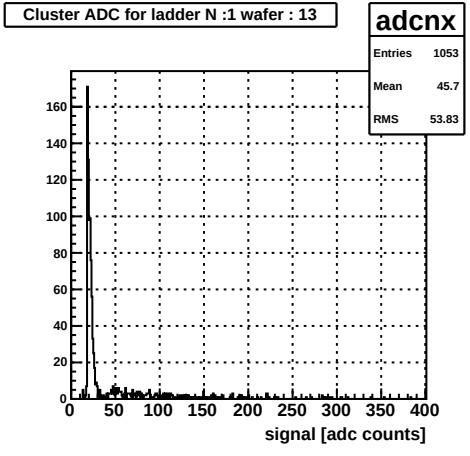

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7397
Mean 44.41
RMS 35.04
signal [adc counts]

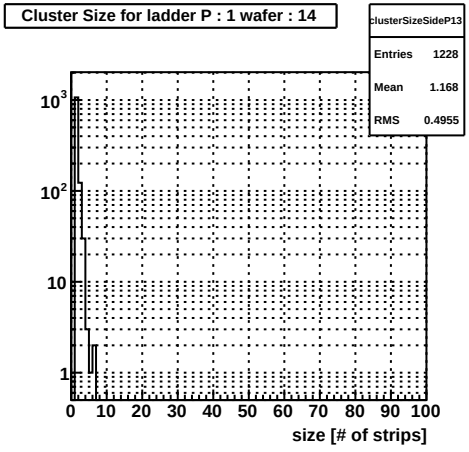

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 8957
Mean 2.561
RMS 1.499
size [# of strips]

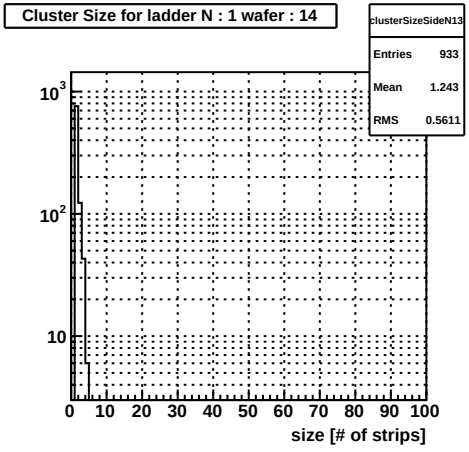

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1053
Mean 1.205
RMS 0.5561
size [# of strips]

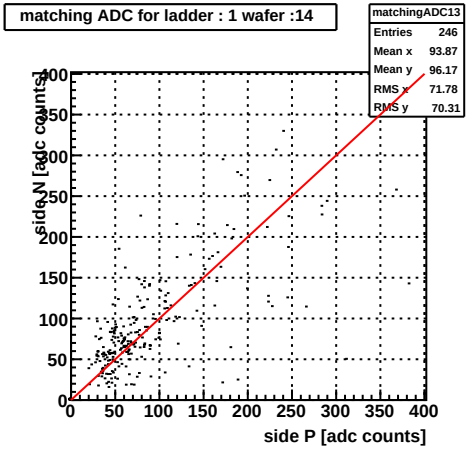

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 263
Mean x 88.25
Mean y 89.18
RMS x 70.52
RMS y 67.4
side N [adc counts]
side P [adc counts]

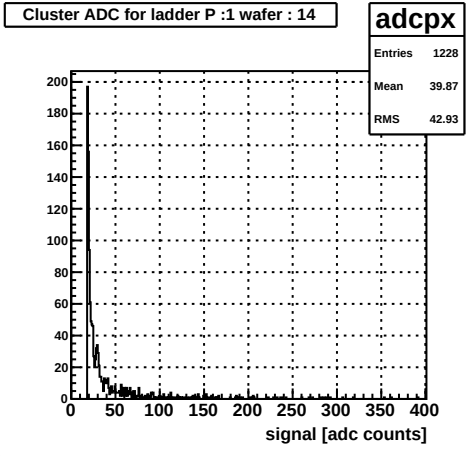

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 8957
Mean 79.03
RMS 61.05
signal [adc counts]

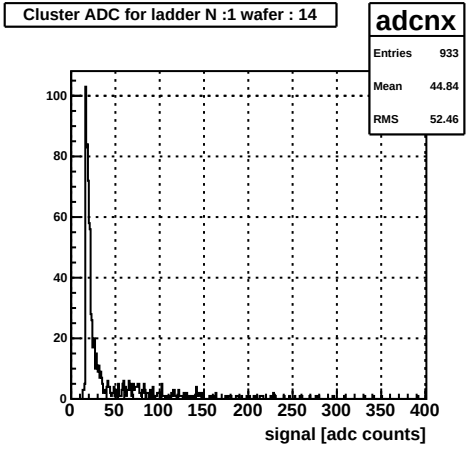

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1053
Mean 45.7
RMS 53.83
signal [adc counts]

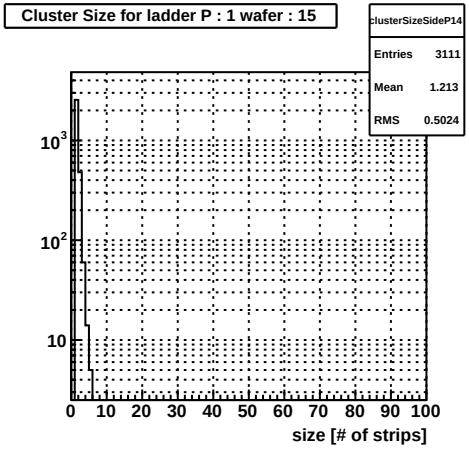

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1228
Mean 1.168
RMS 0.4955
size [# of strips]

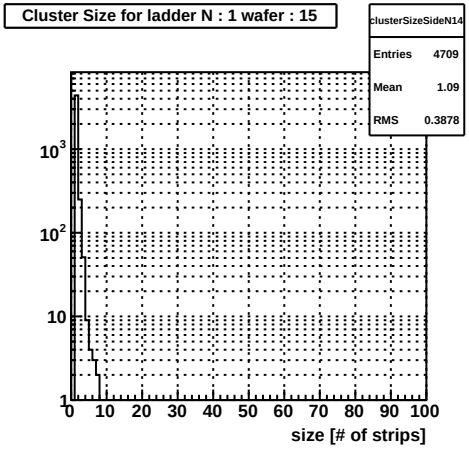

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 933
Mean 1.243
RMS 0.5611
size [# of strips]

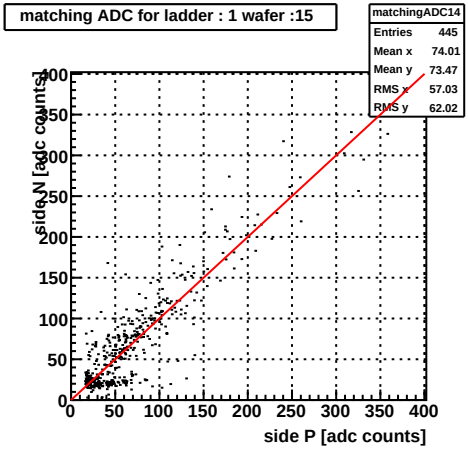

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 246
Mean x 93.87
Mean y 96.17
RMS x 71.78
RMS y 70.31
side N [adc counts]
side P [adc counts]

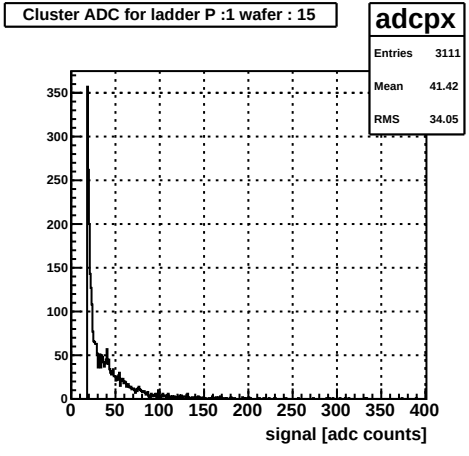

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1228
Mean 39.87
RMS 42.93
signal [adc counts]

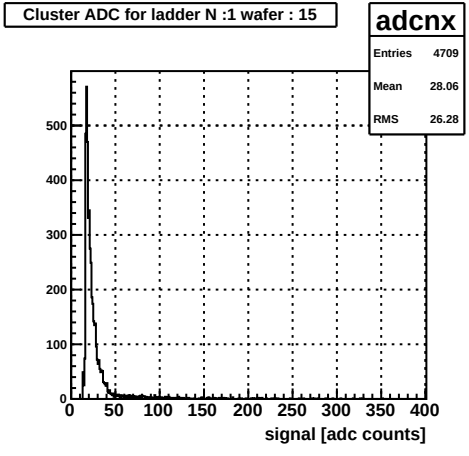

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 933
Mean 44.84
RMS 52.46
signal [adc counts]

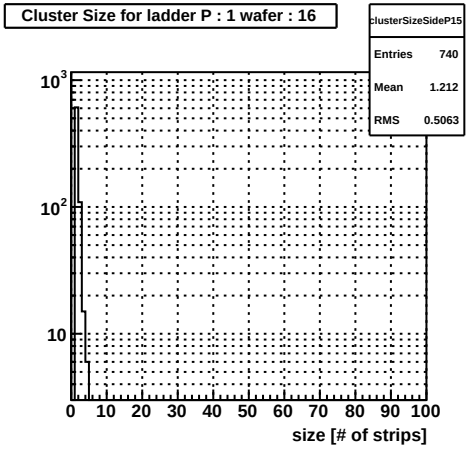

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3111
Mean 1.213
RMS 0.5024
size [# of strips]

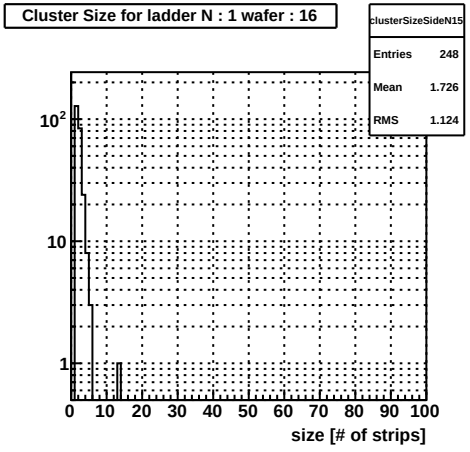

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4709
Mean 1.09
RMS 0.3878
size [# of strips]

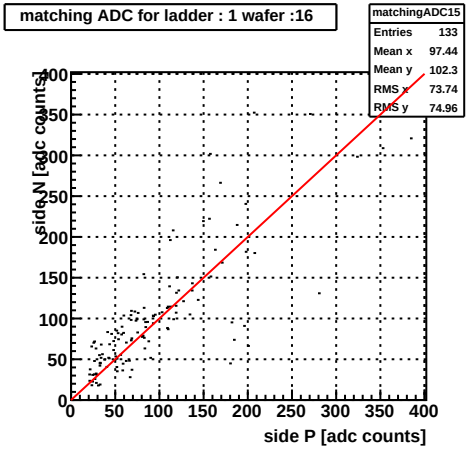

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 445
Mean x 74.01
Mean y 73.47
RMS x 57.03
RMS y 62.02
side N [adc counts]
side P [adc counts]

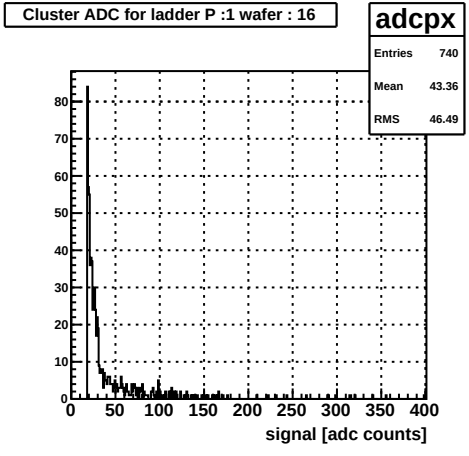

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3111
Mean 41.42
RMS 34.05
signal [adc counts]

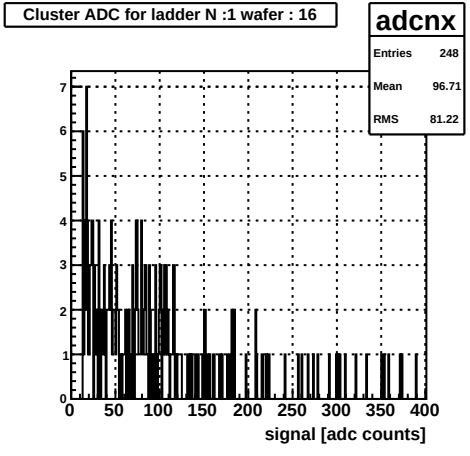

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4709
Mean 28.06
RMS 26.28
signal [adc counts]

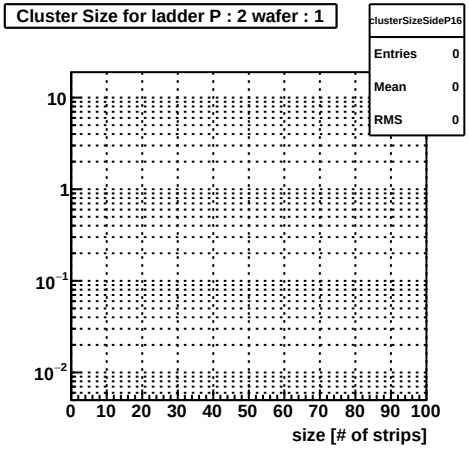

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 740
Mean 1.212
RMS 0.5063
size [# of strips]

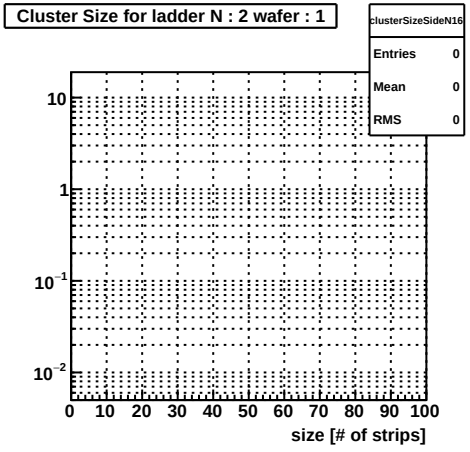

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 248
Mean 1.726
RMS 1.124
size [# of strips]

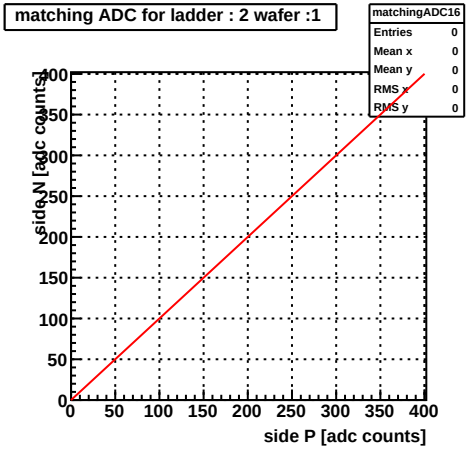

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 133
Mean x 97.44
Mean y 102.3
RMS x 73.74
RMS y 74.96
side N [adc counts]
side P [adc counts]

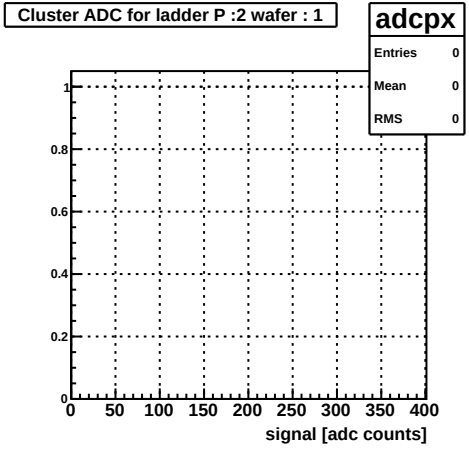

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 740
Mean 43.36
RMS 46.49
signal [adc counts]

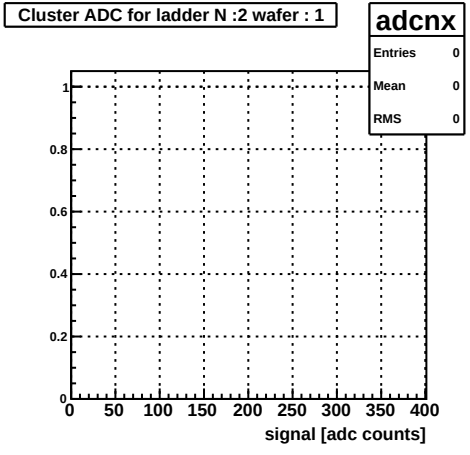

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 248
Mean 96.71
RMS 81.22
signal [adc counts]

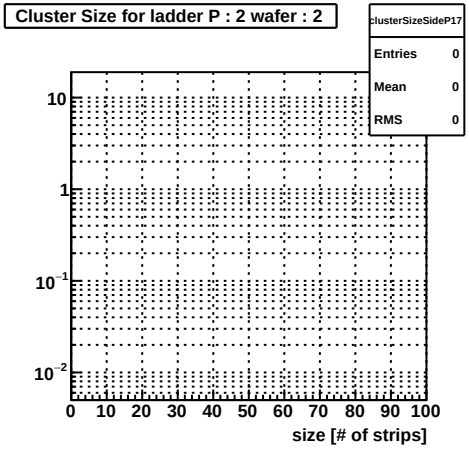

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

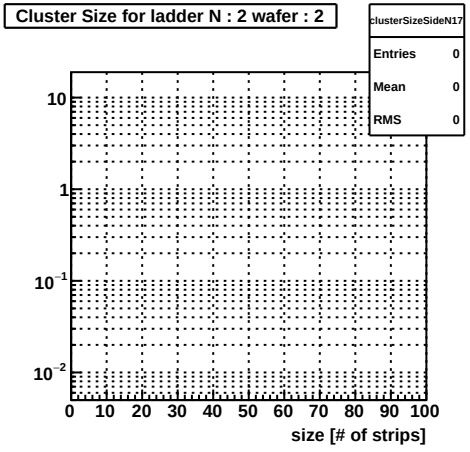

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

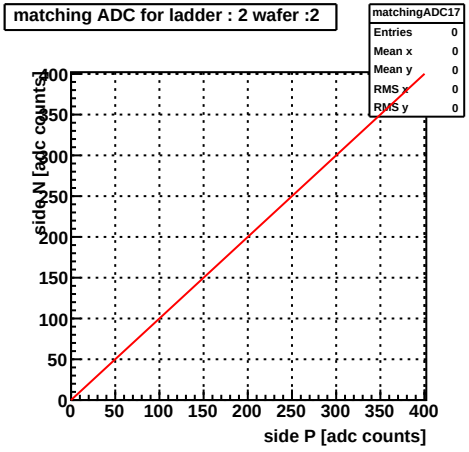

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

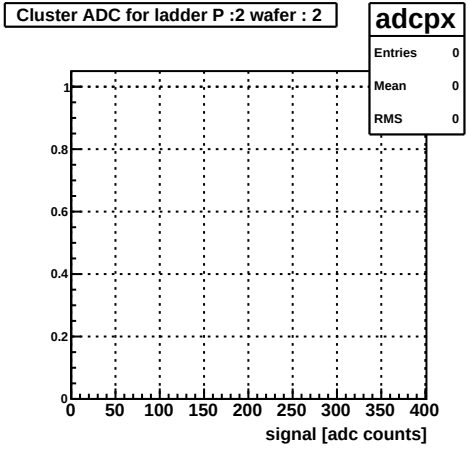

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

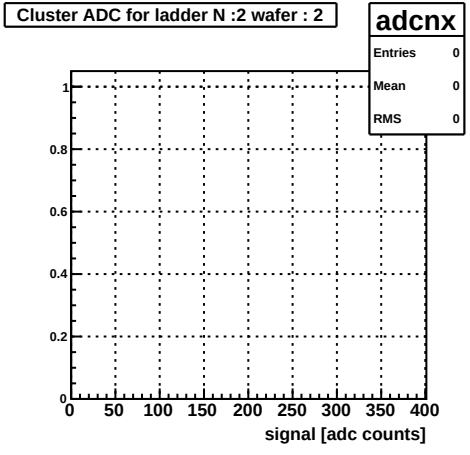

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

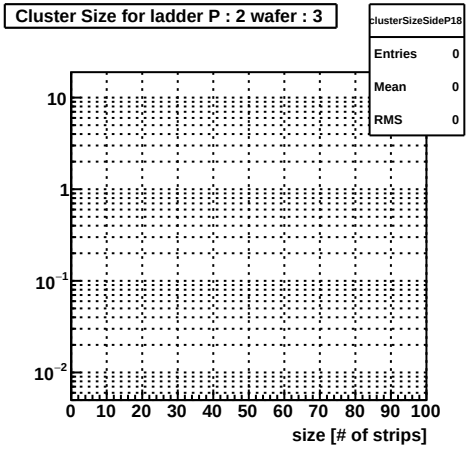

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

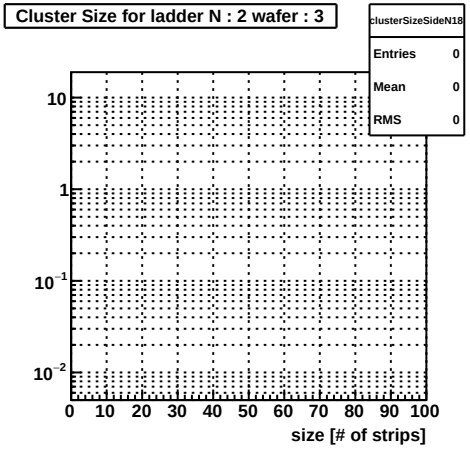

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

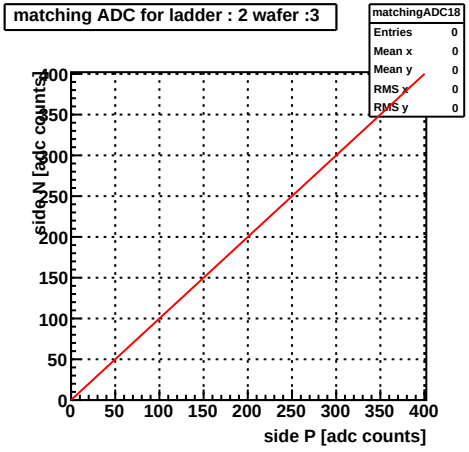

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

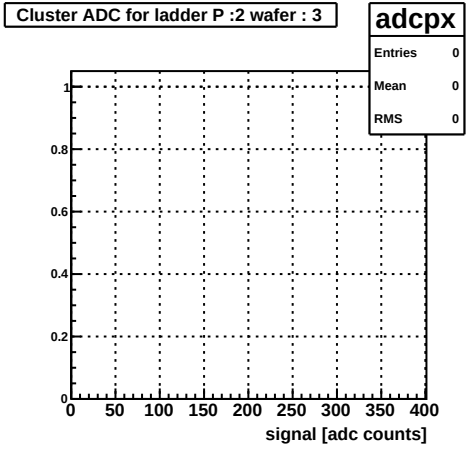

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

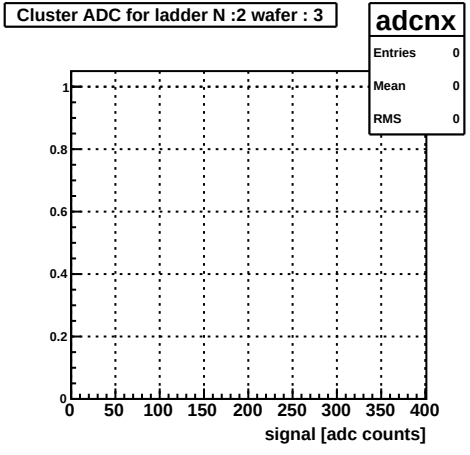

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

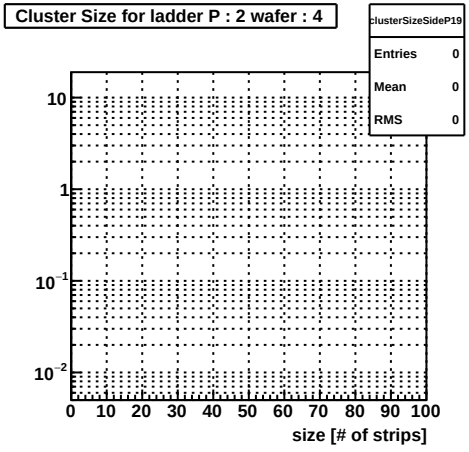

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

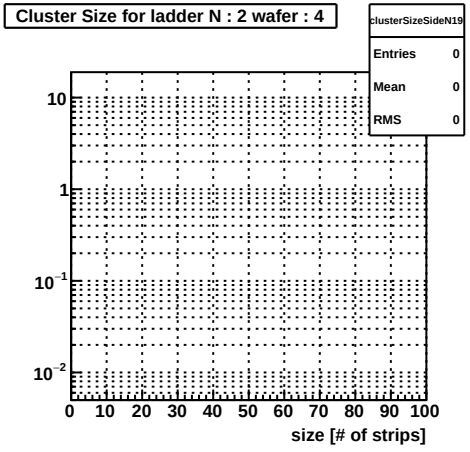

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

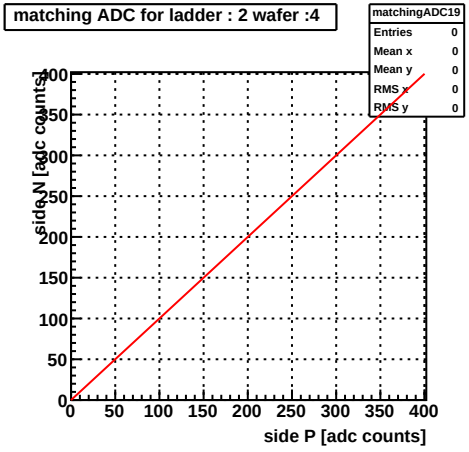

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

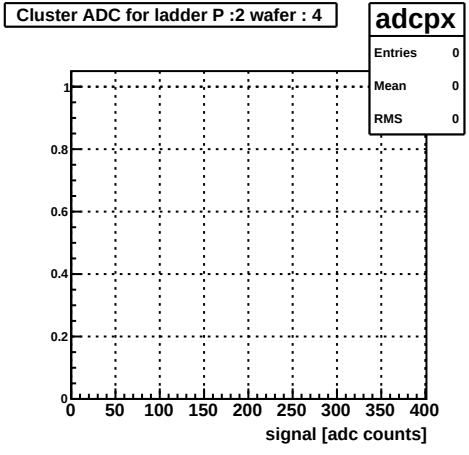

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

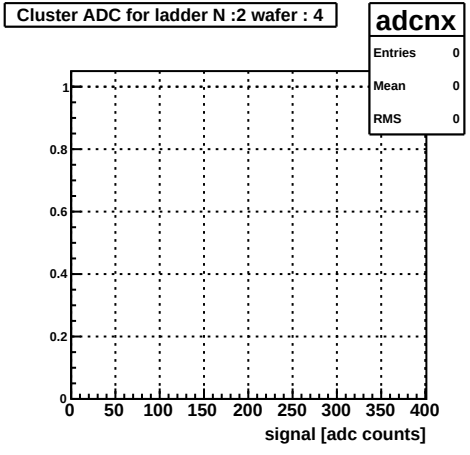

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

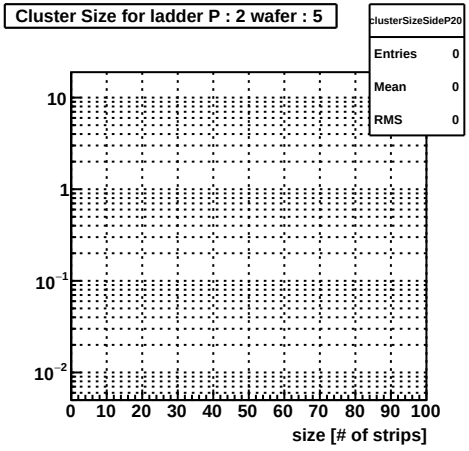

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

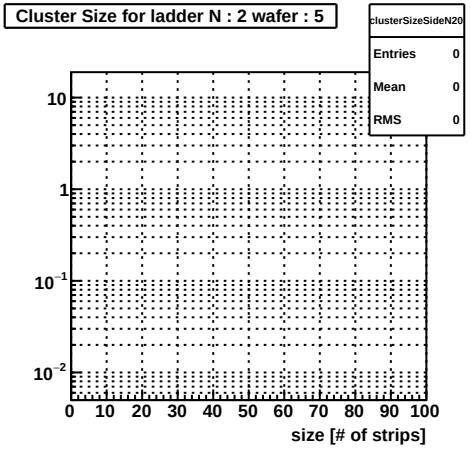

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

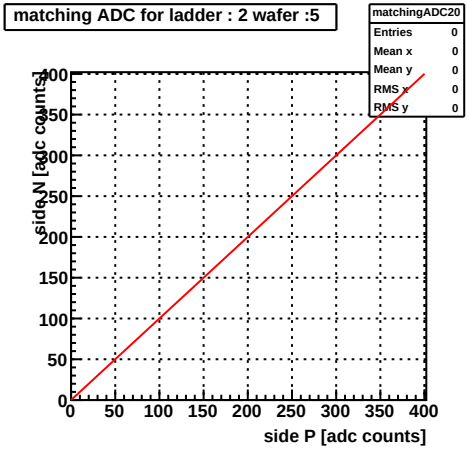

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

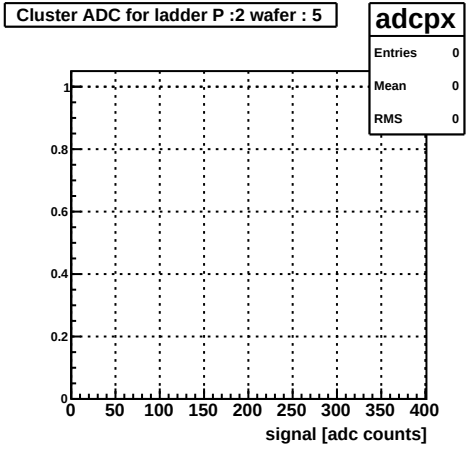

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

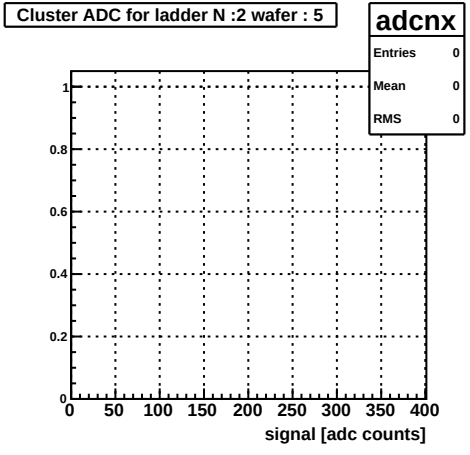

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

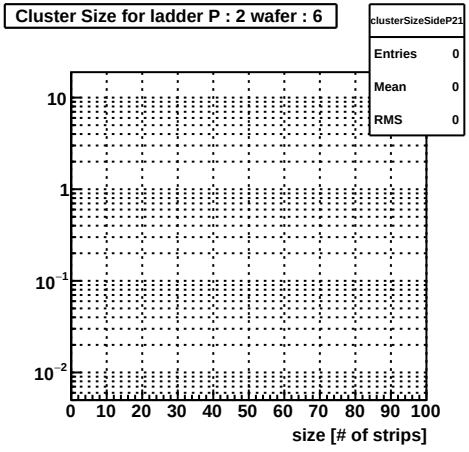

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

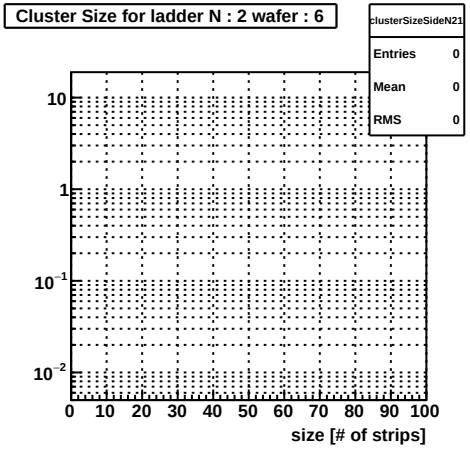

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

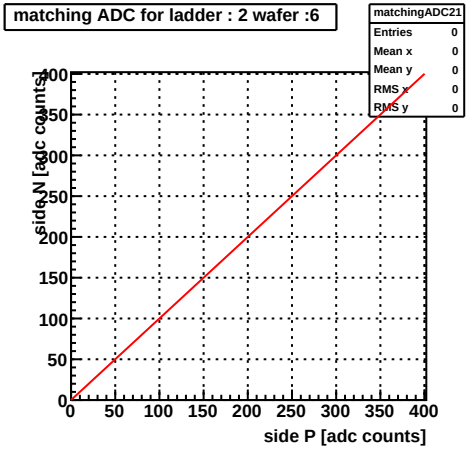

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

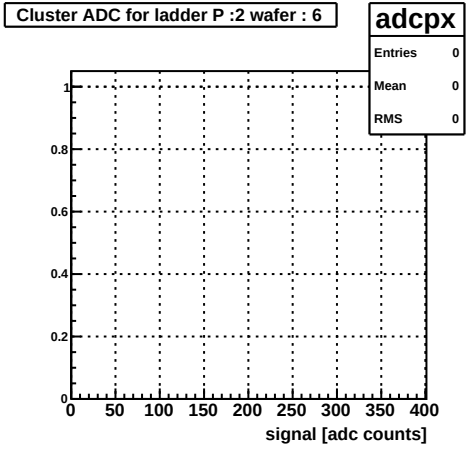

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

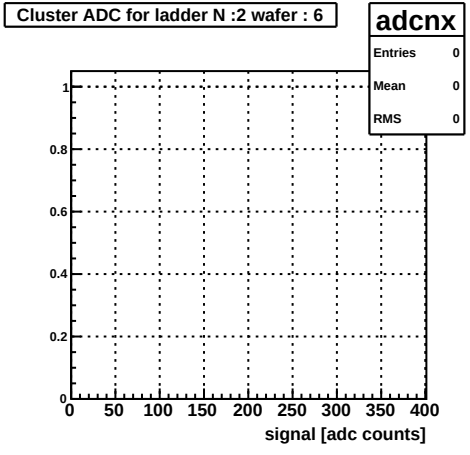

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

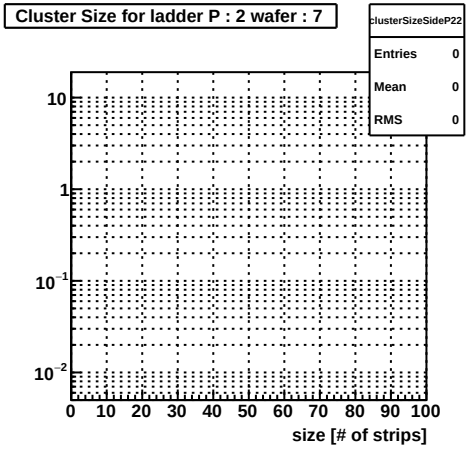

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

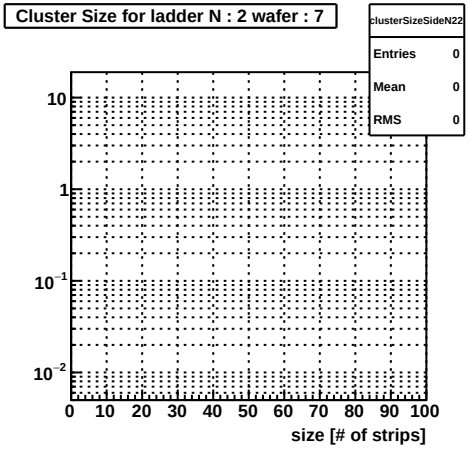

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

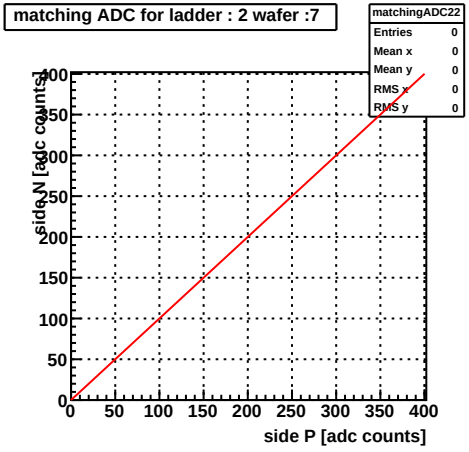

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

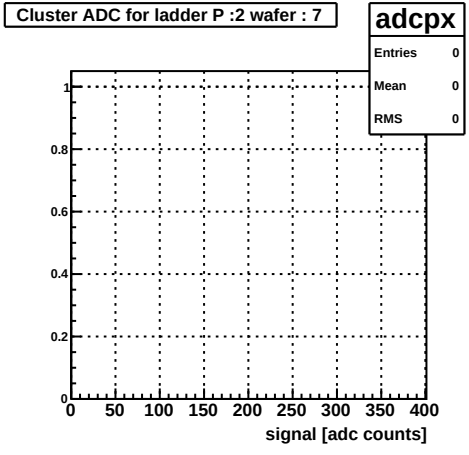

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

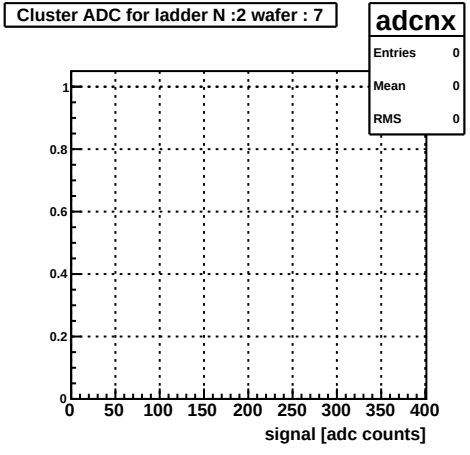

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

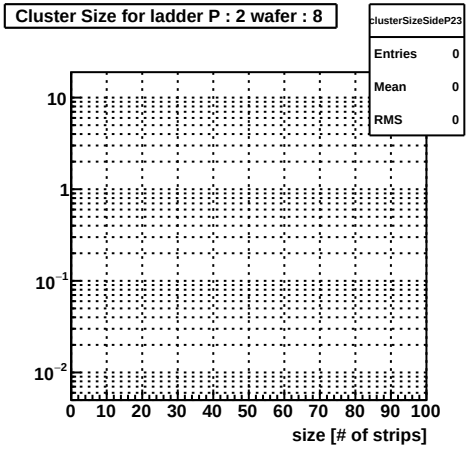

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

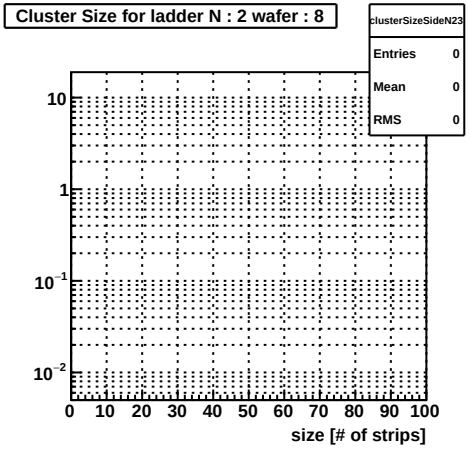

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

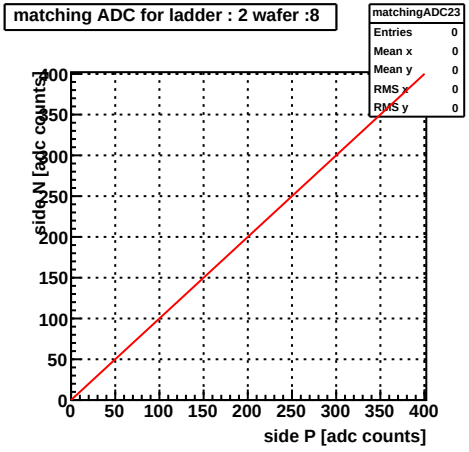

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

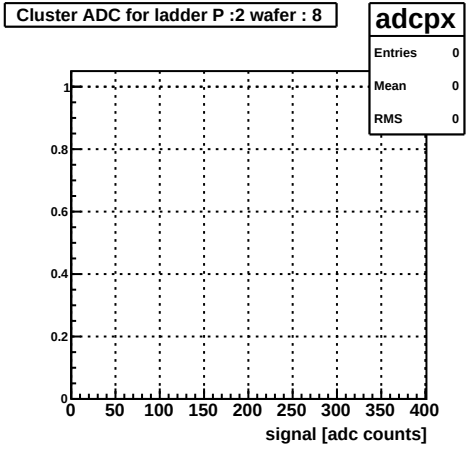

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

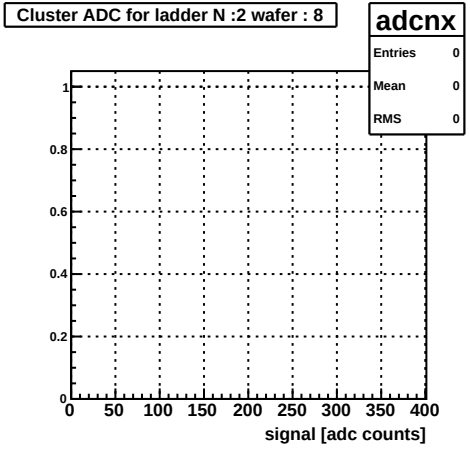

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

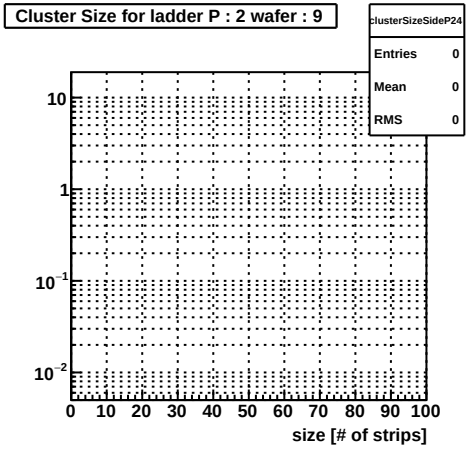

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

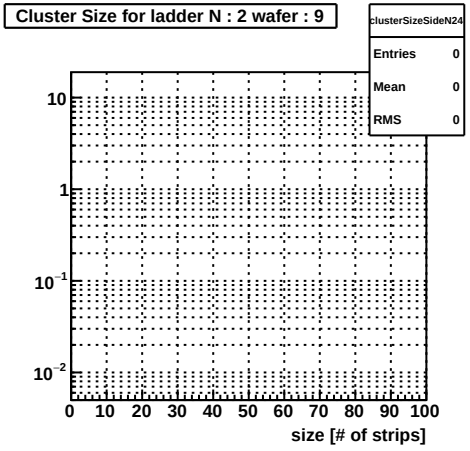

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

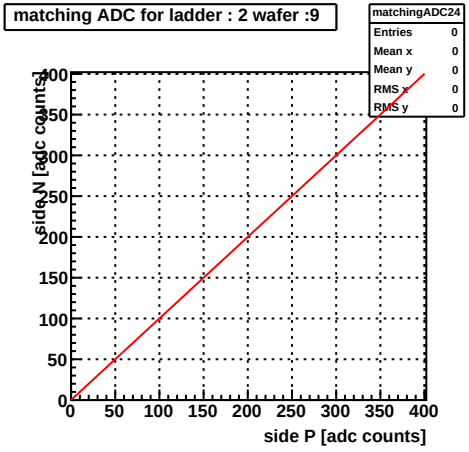

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

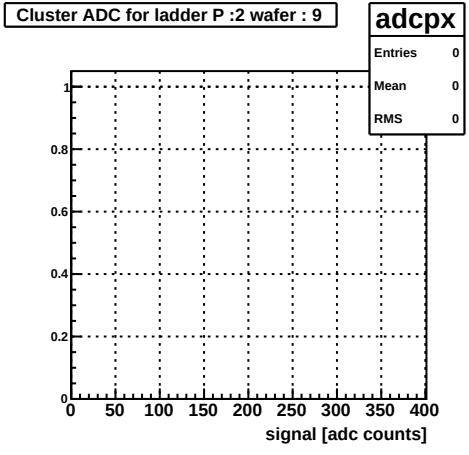

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

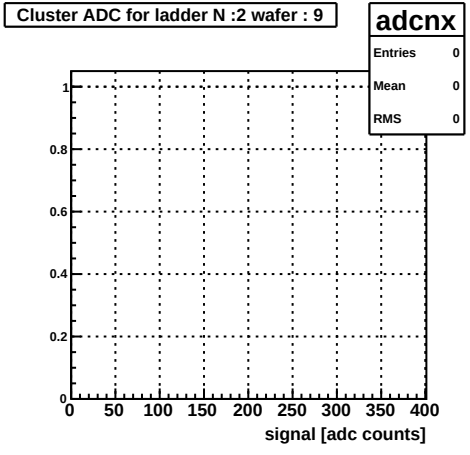

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

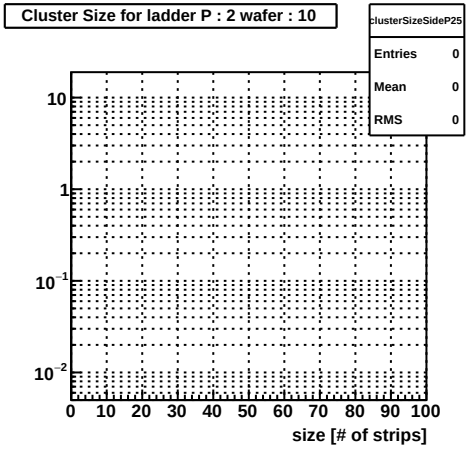

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

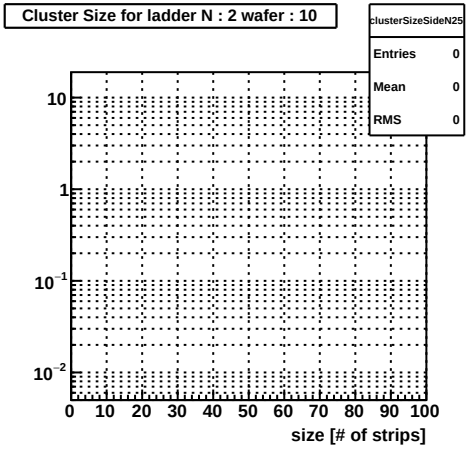

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

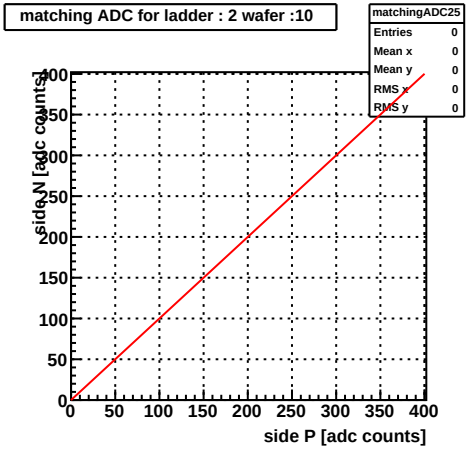

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

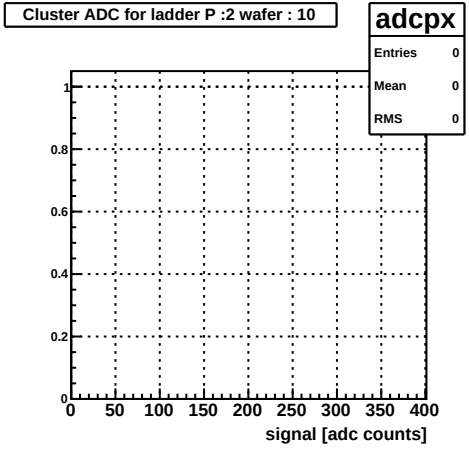

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

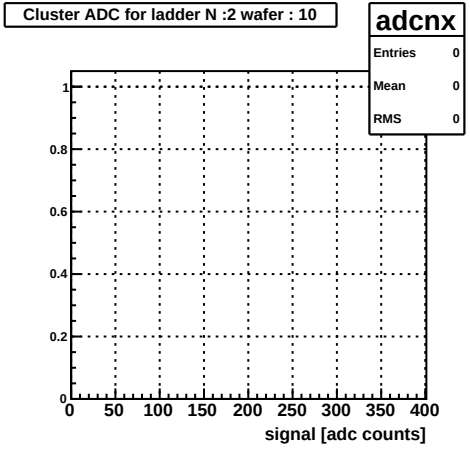

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

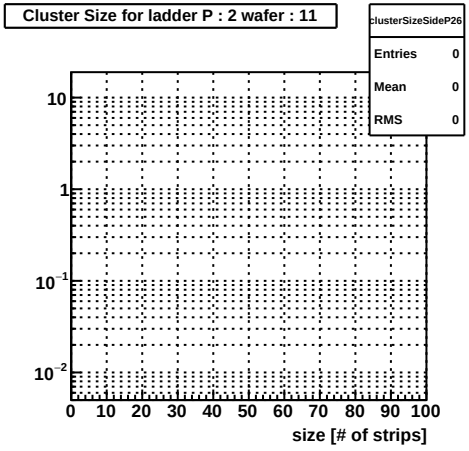

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

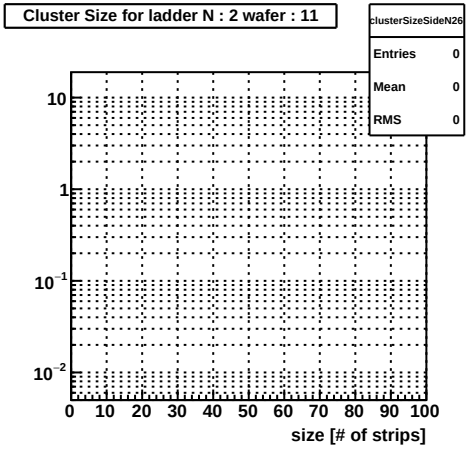

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

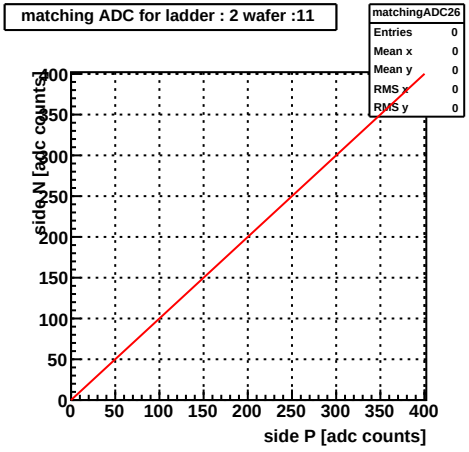

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

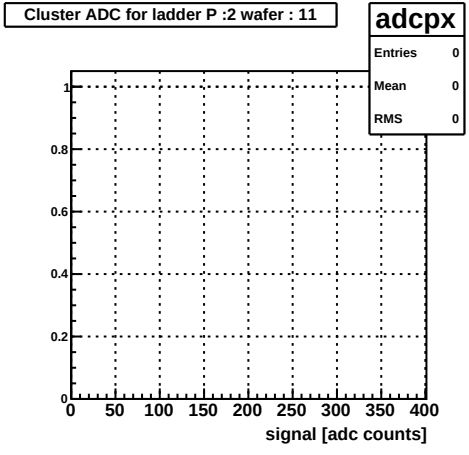

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

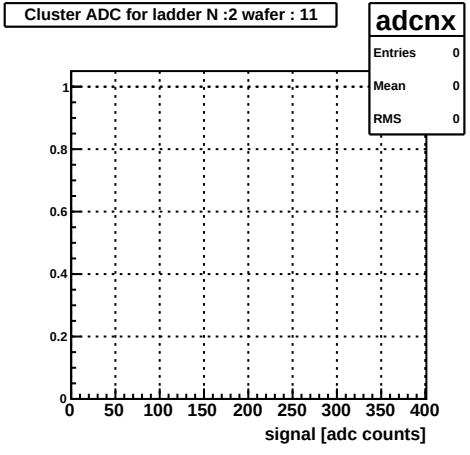

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

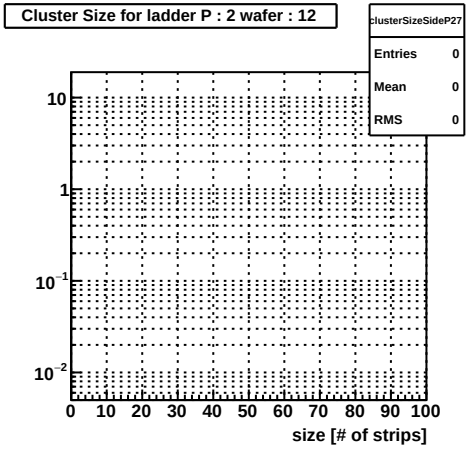

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

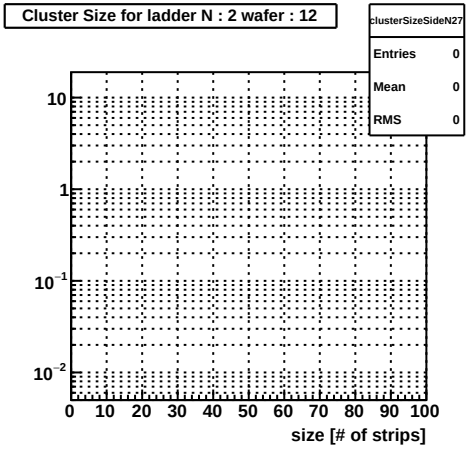

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

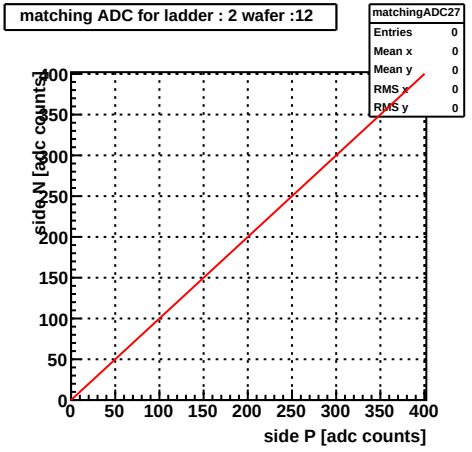

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

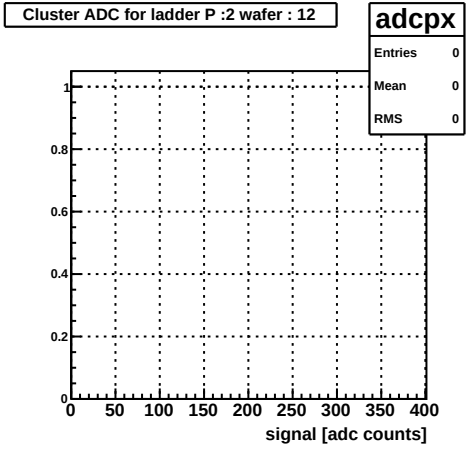

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

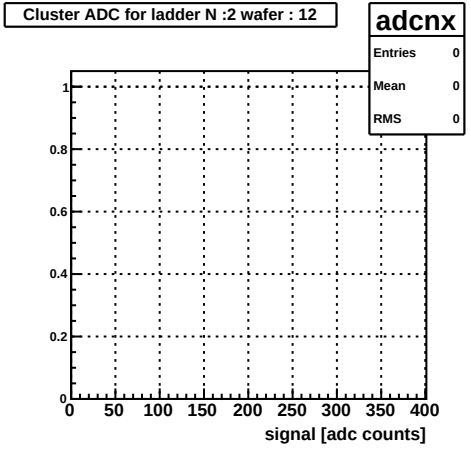

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

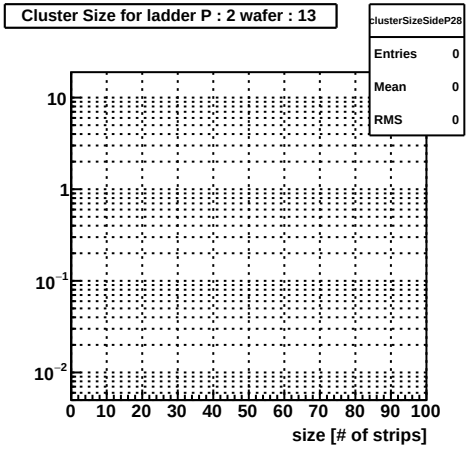

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

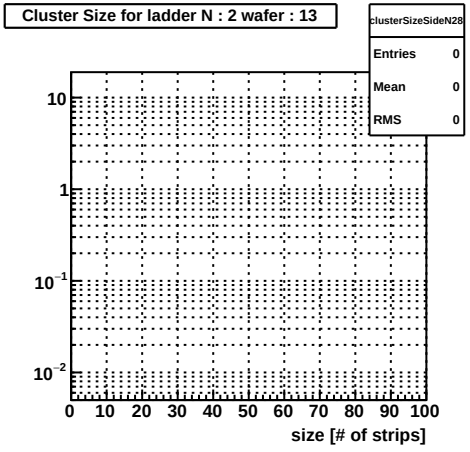

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

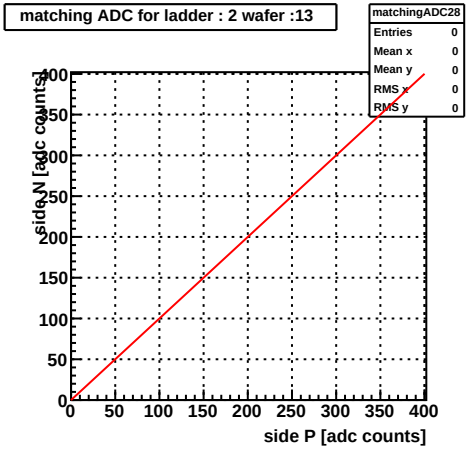

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

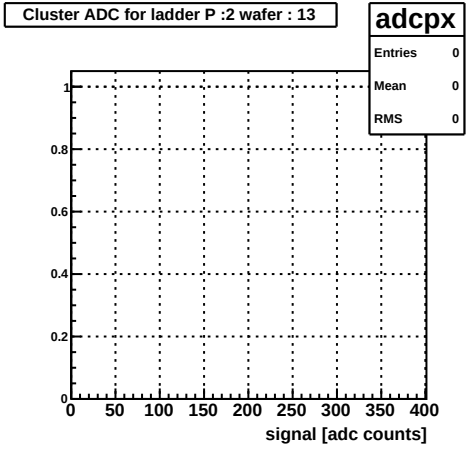

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

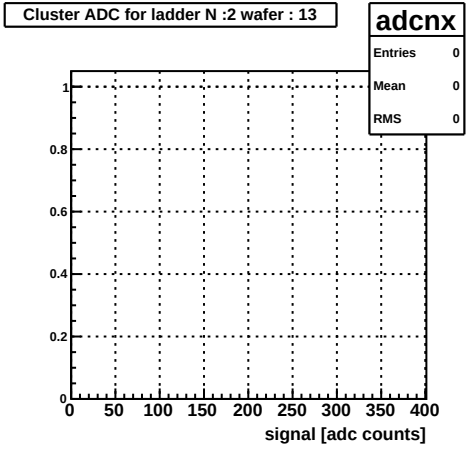

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

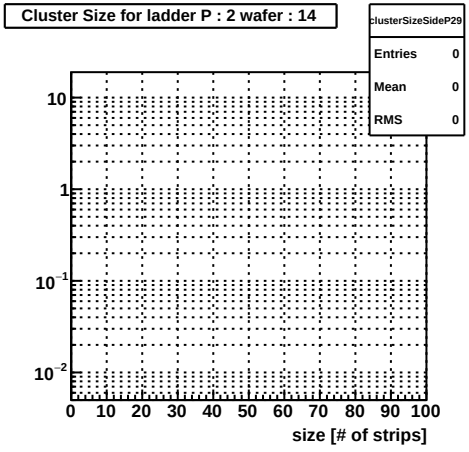

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

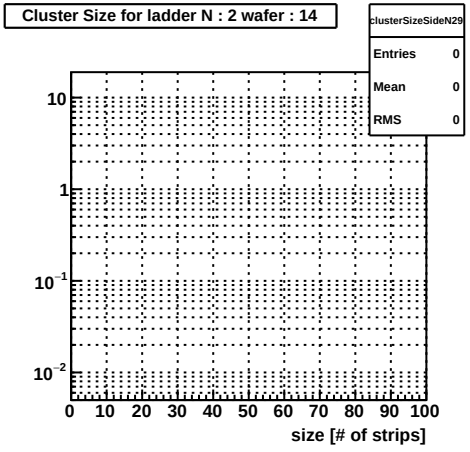

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

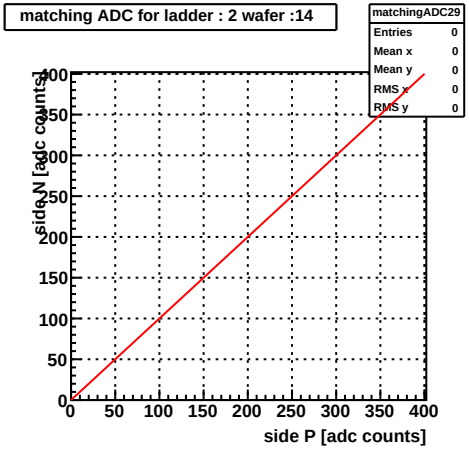

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

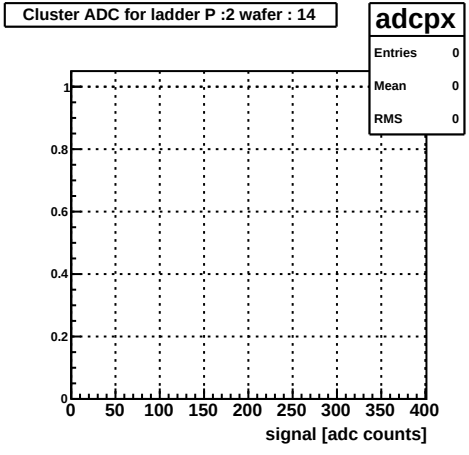

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

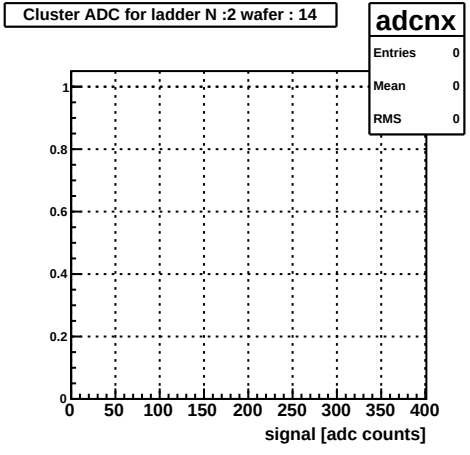

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

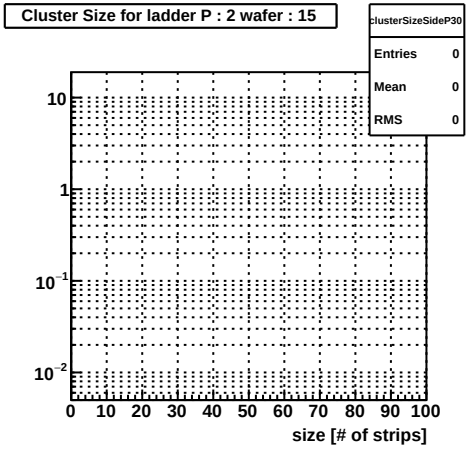

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

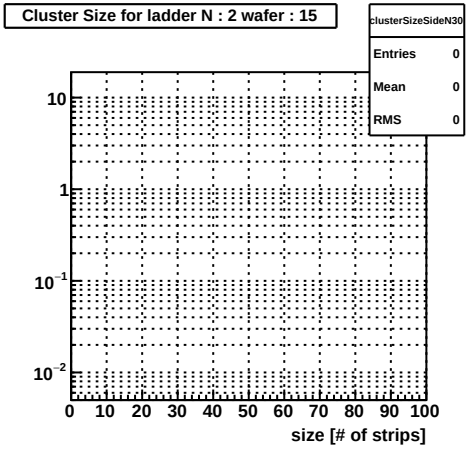

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

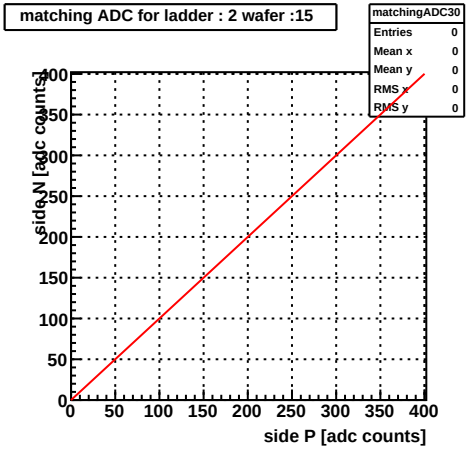

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

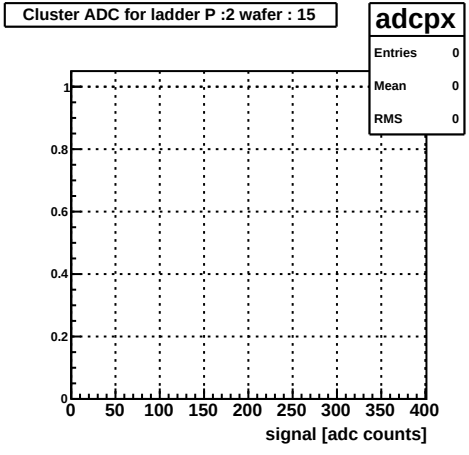

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

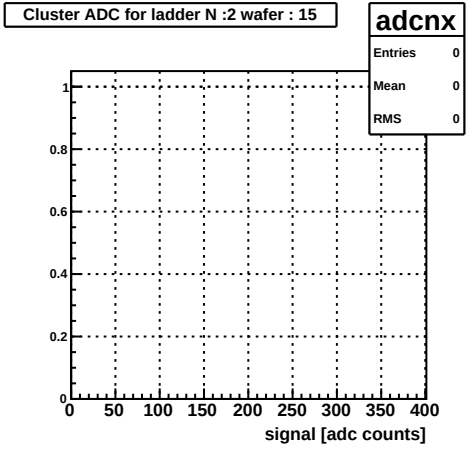

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

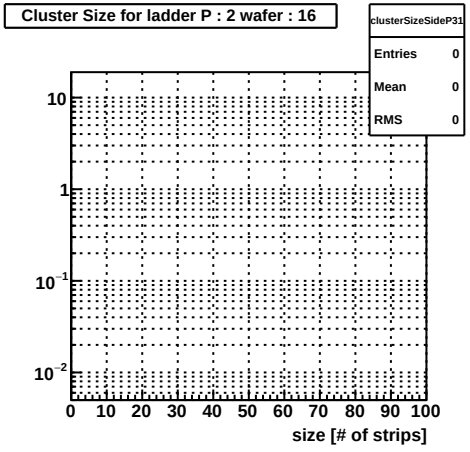

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

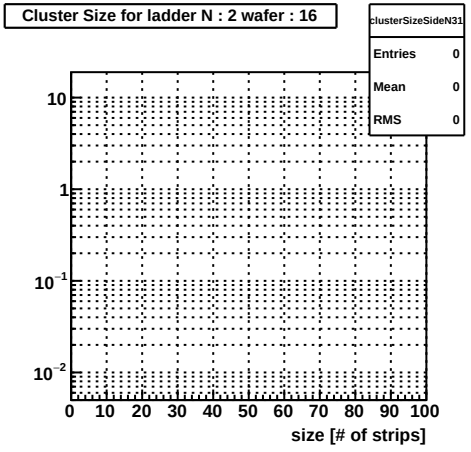

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

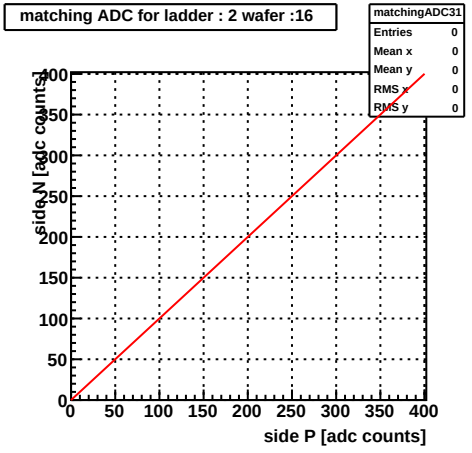

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

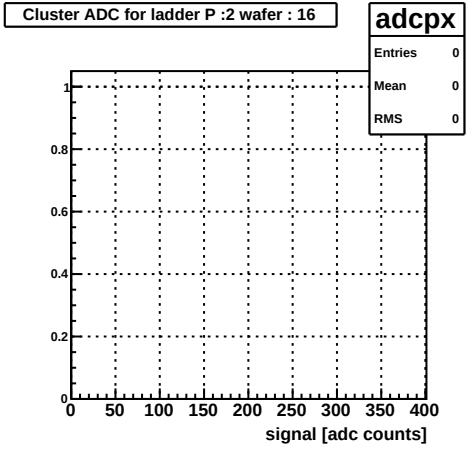

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

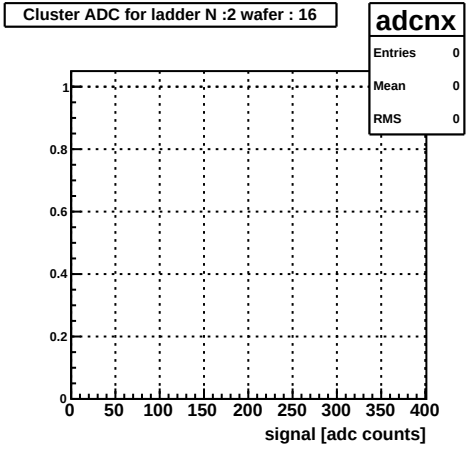

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

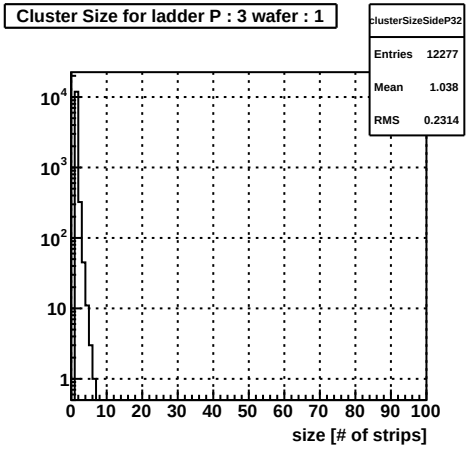

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

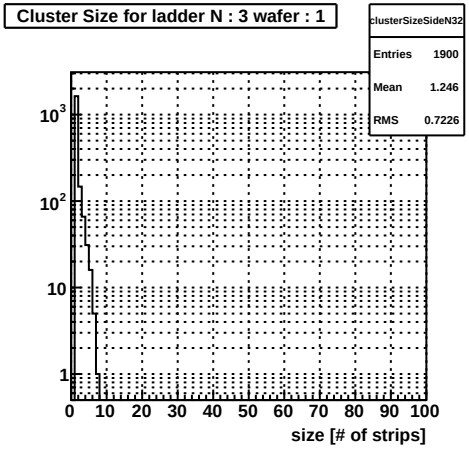

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

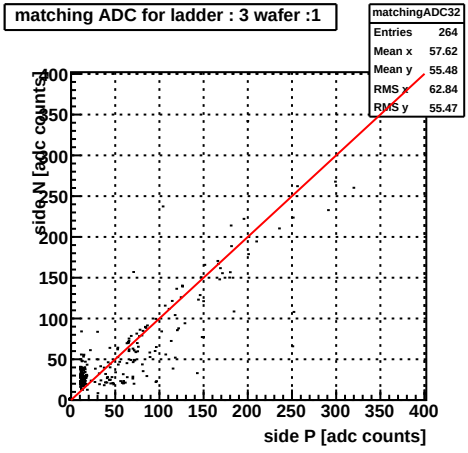

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

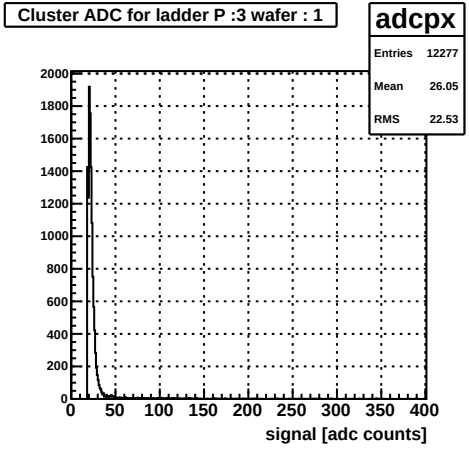

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

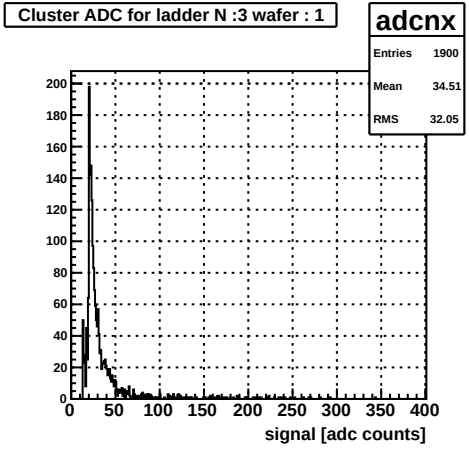

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

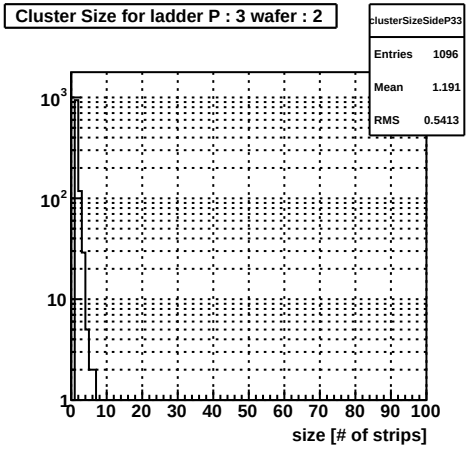

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 12277
Mean 1.038
RMS 0.2314
size [# of strips]

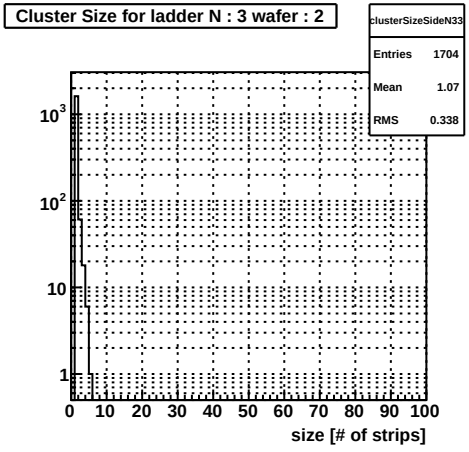

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1900
Mean 1.246
RMS 0.7226
size [# of strips]

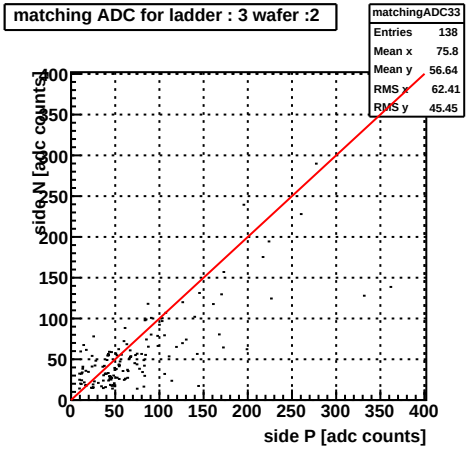

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 264
Mean x 57.62
Mean y 55.48
RMS x 62.84
RMS y 55.47
side N [adc counts]
side P [adc counts]

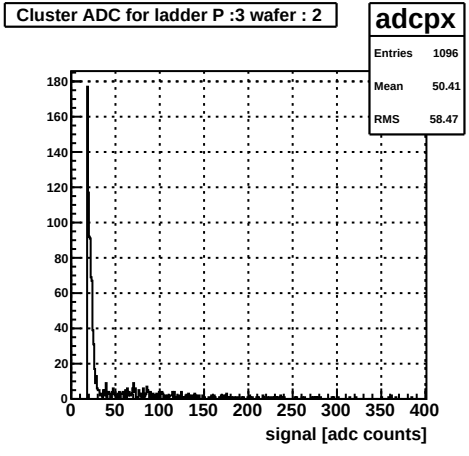

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 12277
Mean 26.05
RMS 22.53
signal [adc counts]

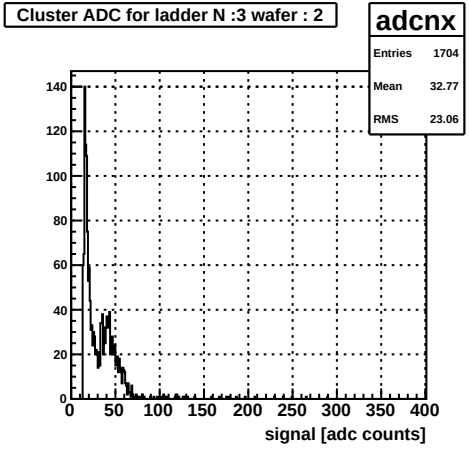

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1900
Mean 34.51
RMS 32.05
signal [adc counts]

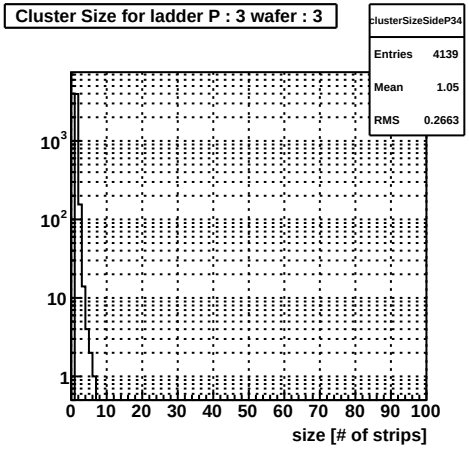

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1096
Mean 1.191
RMS 0.5413
size [# of strips]

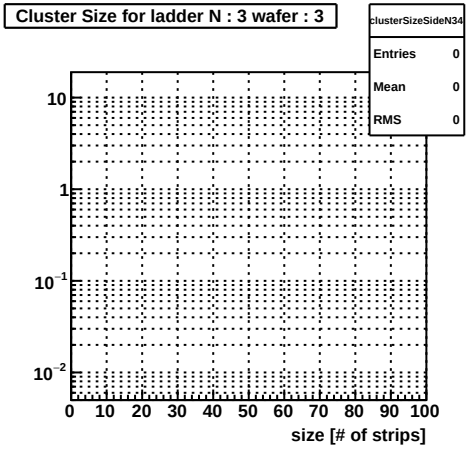

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1704
Mean 1.07
RMS 0.338
size [# of strips]

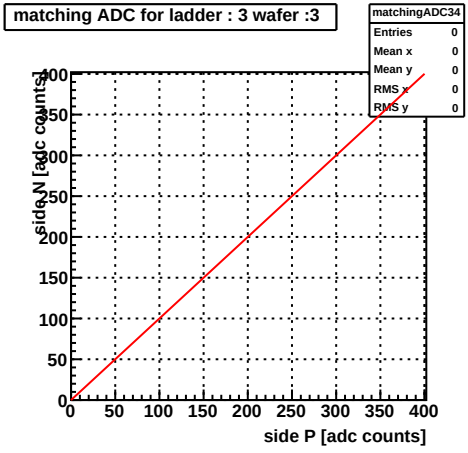

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 138
Mean x 75.8
Mean y 56.64
RMS x 62.41
RMS y 45.45
side N [adc counts]
side P [adc counts]

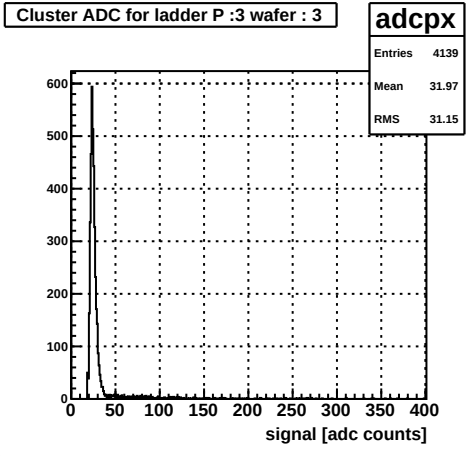

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1096
Mean 50.41
RMS 58.47
signal [adc counts]

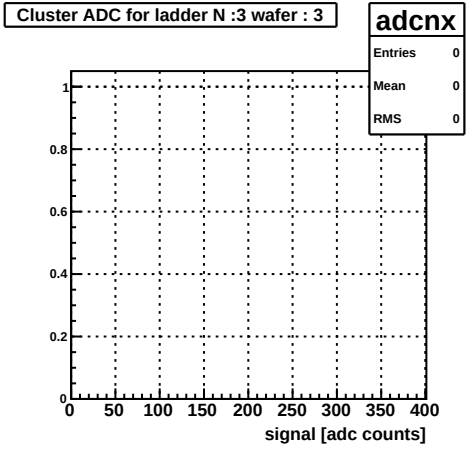

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1704
Mean 32.77
RMS 23.06
signal [adc counts]

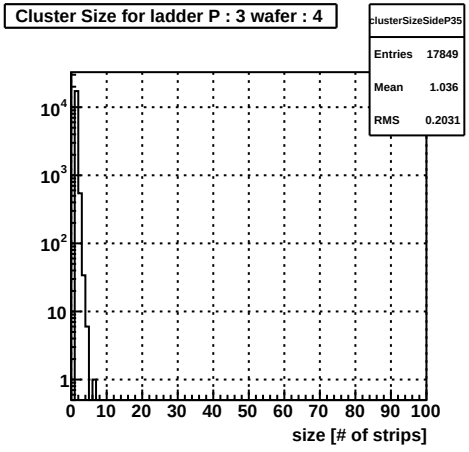

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4139
Mean 1.05
RMS 0.2663
size [# of strips]

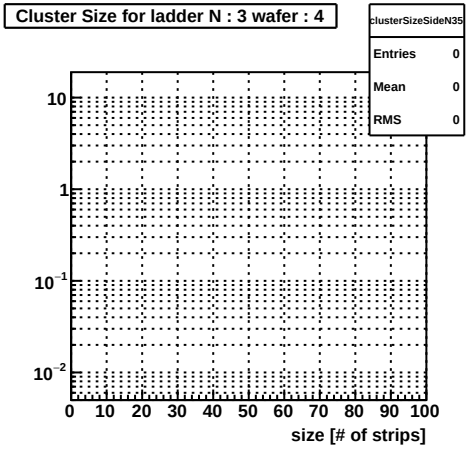

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

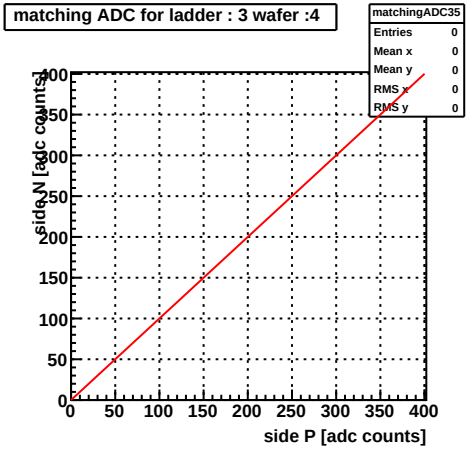

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

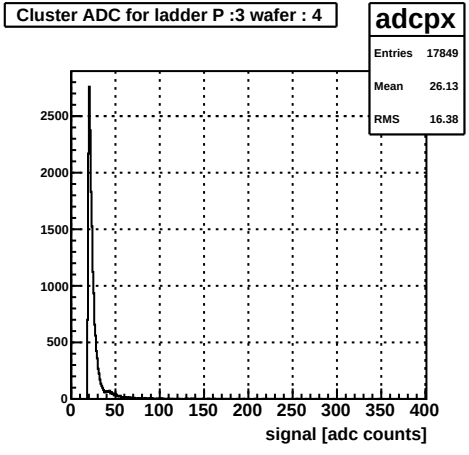

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4139
Mean 31.97
RMS 31.15
signal [adc counts]

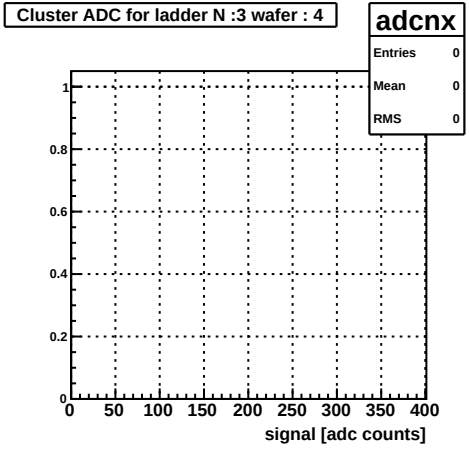

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

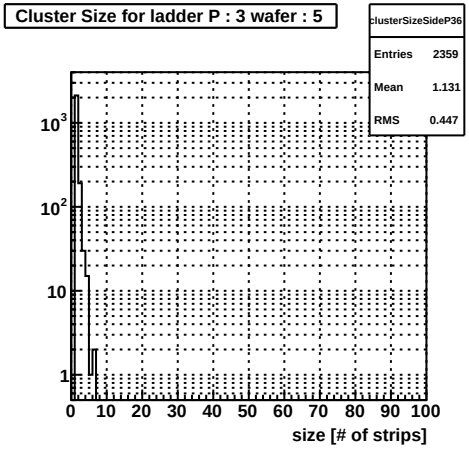

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17849
Mean 1.036
RMS 0.2031
size [# of strips]

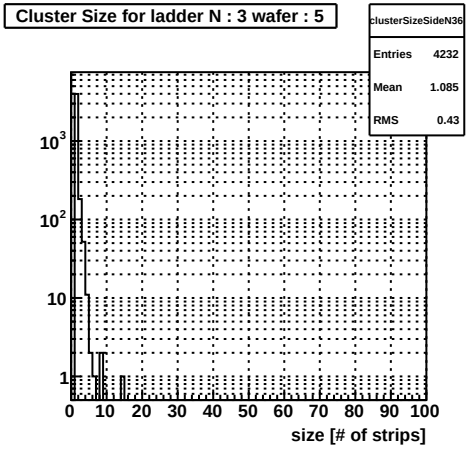

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

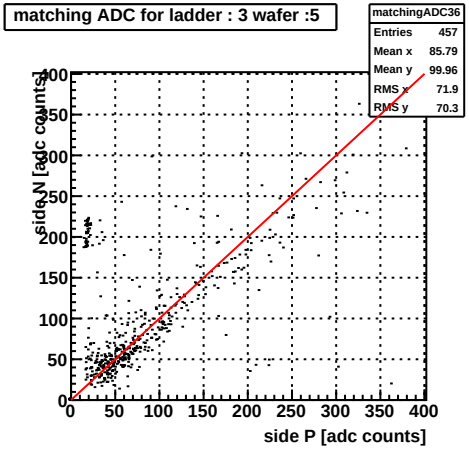

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

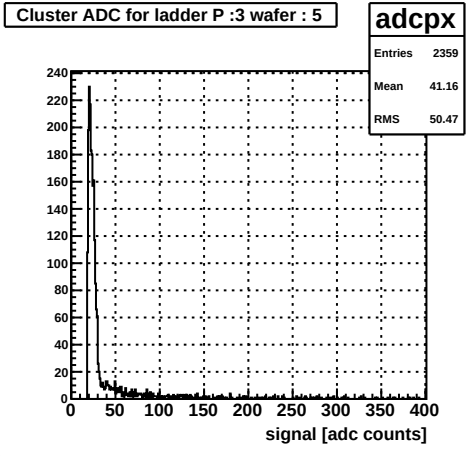

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17849
Mean 26.13
RMS 16.38
signal [adc counts]

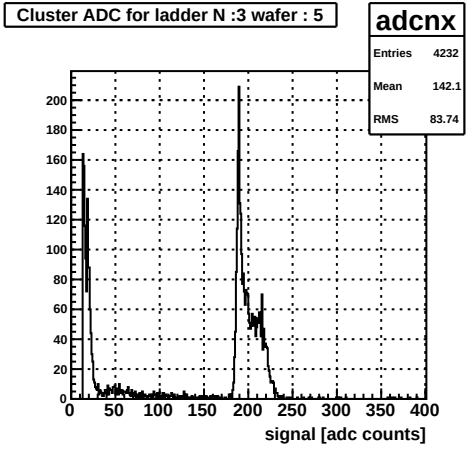

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

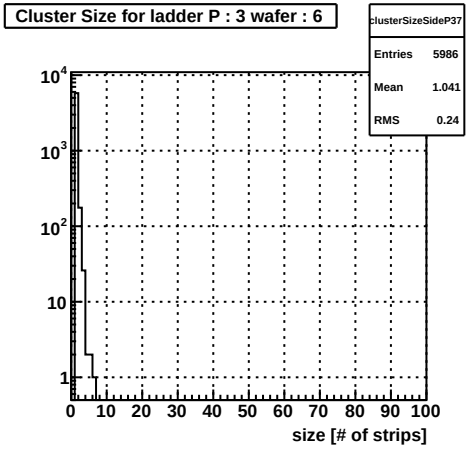

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2359
Mean 1.131
RMS 0.447
size [# of strips]

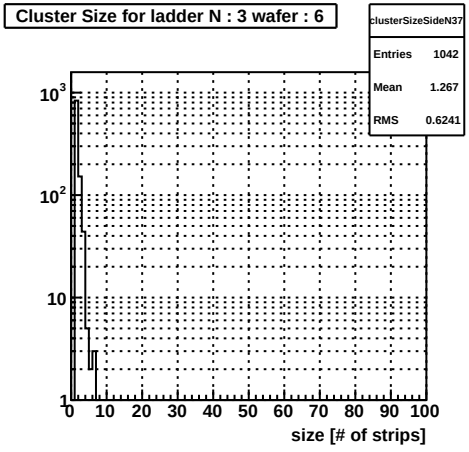

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4232
Mean 1.085
RMS 0.43
size [# of strips]

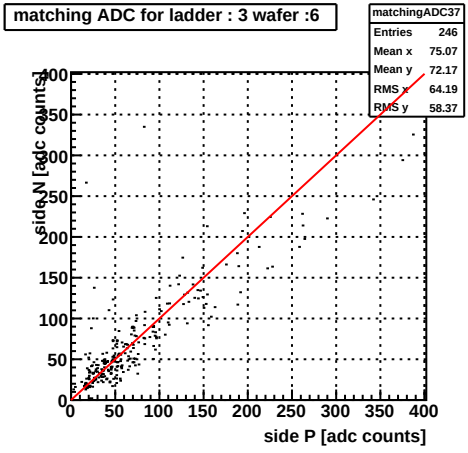

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 457
Mean x 85.79
Mean y 99.96
RMS x 71.9
RMS y 70.3
side N [adc counts]
side P [adc counts]

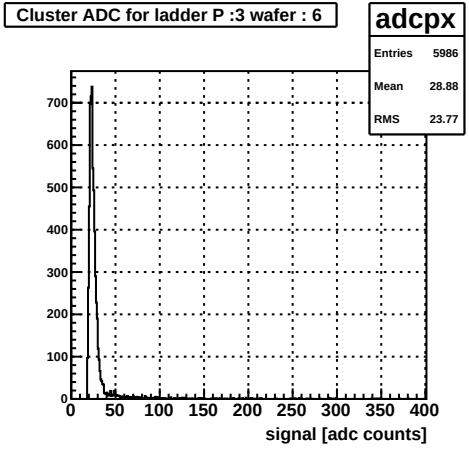

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2359
Mean 41.16
RMS 50.47
signal [adc counts]

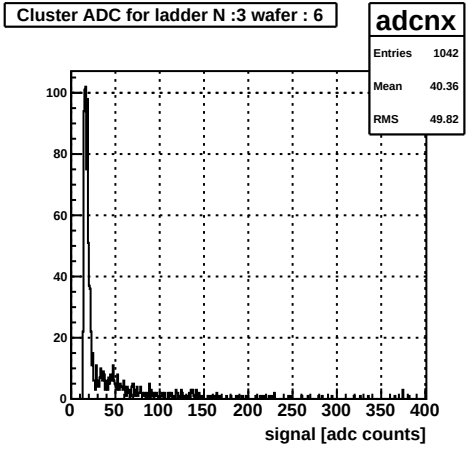

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4232
Mean 142.1
RMS 83.74
signal [adc counts]

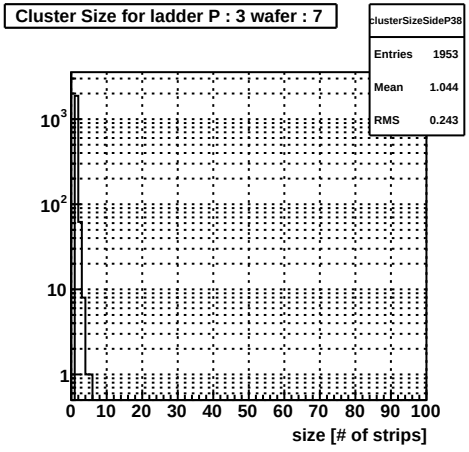

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5986
Mean 1.041
RMS 0.24
size [# of strips]

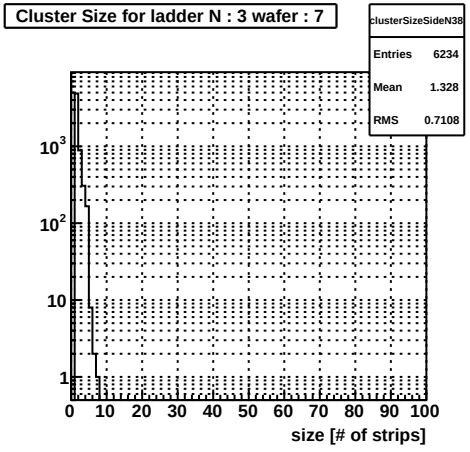

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1042
Mean 1.267
RMS 0.6241
size [# of strips]

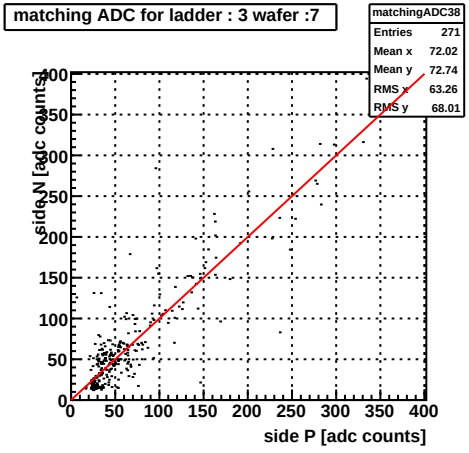

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 246
Mean x 75.07
Mean y 72.17
RMS x 64.19
RMS y 58.37
side N [adc counts]
side P [adc counts]

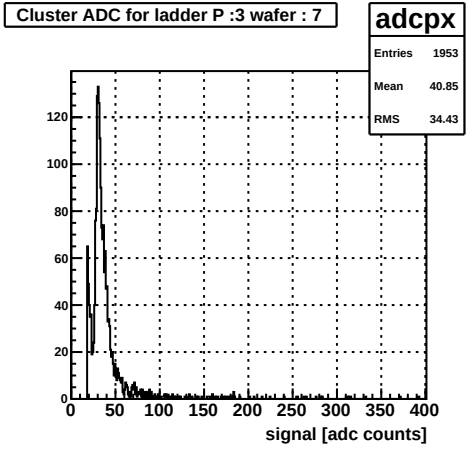

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5986
Mean 28.88
RMS 23.77
signal [adc counts]

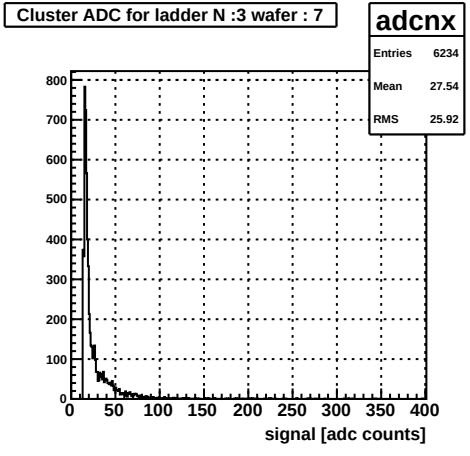

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1042
Mean 40.36
RMS 49.82
signal [adc counts]

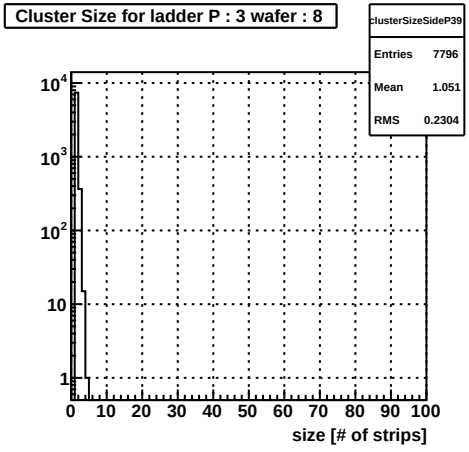

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1953
Mean 1.044
RMS 0.243
size [# of strips]

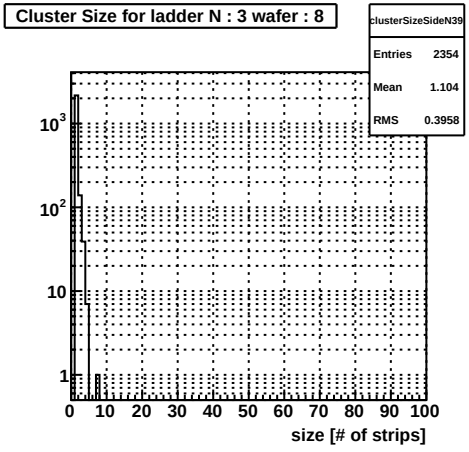

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6234
Mean 1.328
RMS 0.7108
size [# of strips]

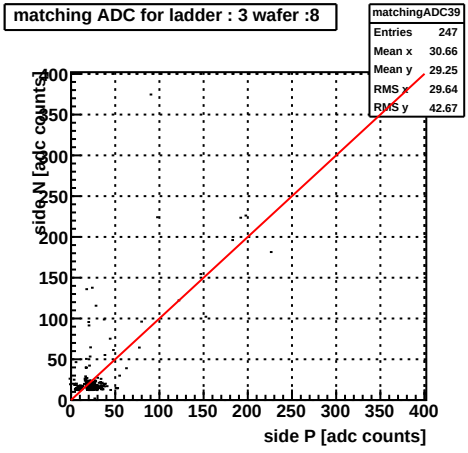

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 271
Mean x 72.02
Mean y 72.74
RMS x 63.26
RMS y 68.01
side N [adc counts]
side P [adc counts]

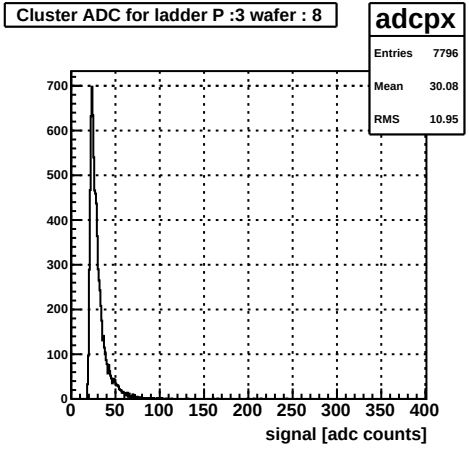

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1953
Mean 40.85
RMS 34.43
signal [adc counts]

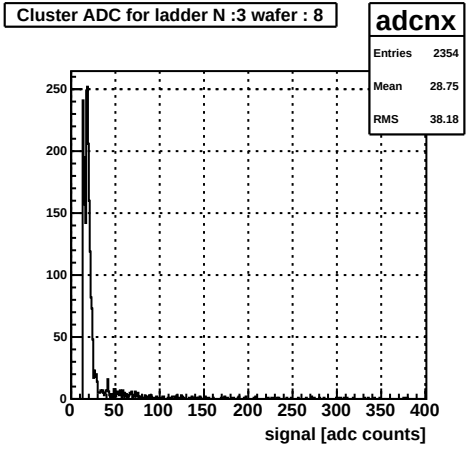

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6234
Mean 27.54
RMS 25.92
signal [adc counts]

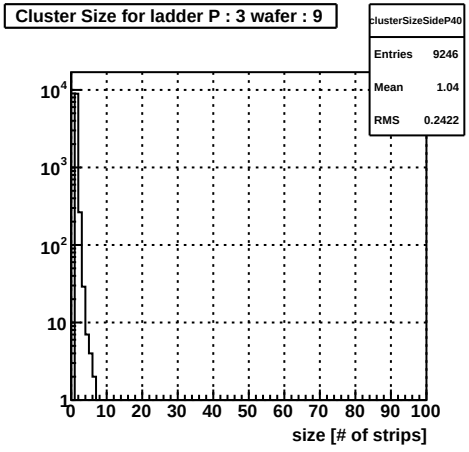

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 7796
Mean 1.051
RMS 0.2304
size [# of strips]

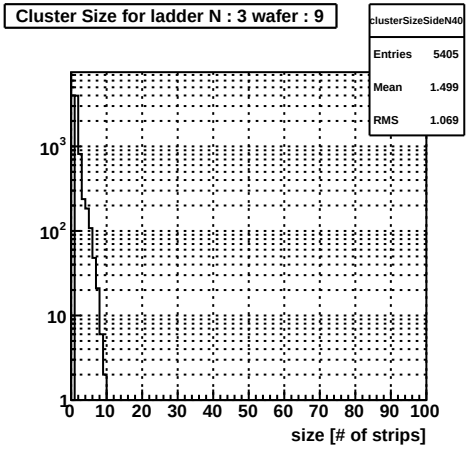

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2354
Mean 1.104
RMS 0.3958
size [# of strips]

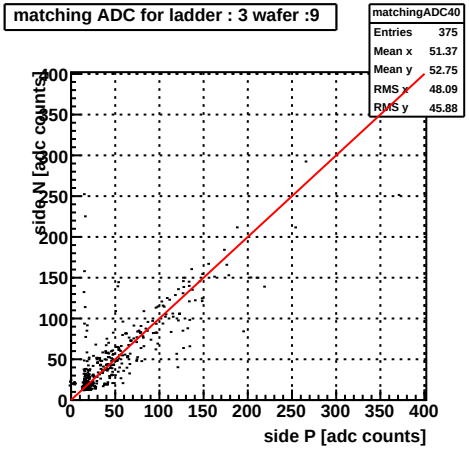

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 247
Mean x 30.66
Mean y 29.25
RMS x 29.64
RMS y 42.67
side N [adc counts]
side P [adc counts]

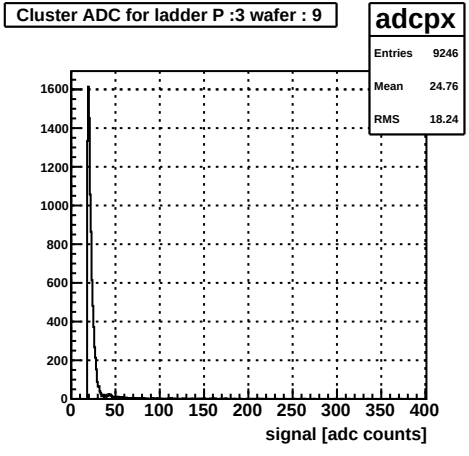

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 7796
Mean 30.08
RMS 10.95
signal [adc counts]

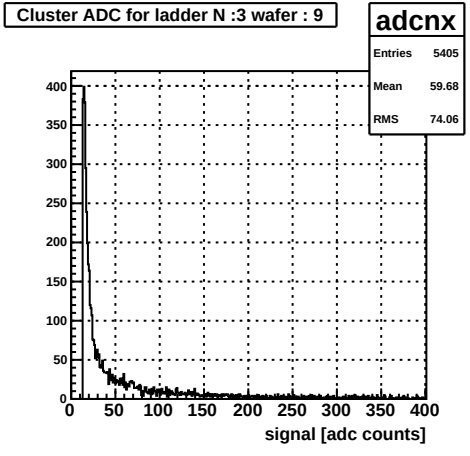

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2354
Mean 28.75
RMS 38.18
signal [adc counts]

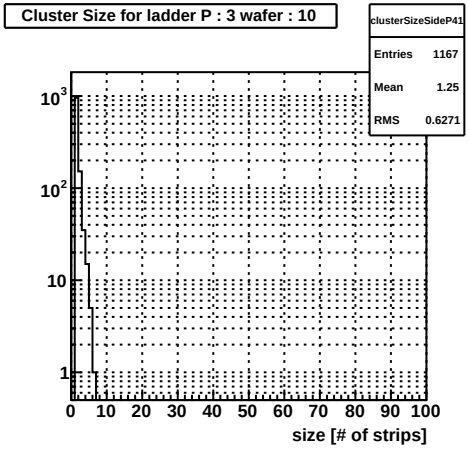

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9246
Mean 1.04
RMS 0.2422
size [# of strips]

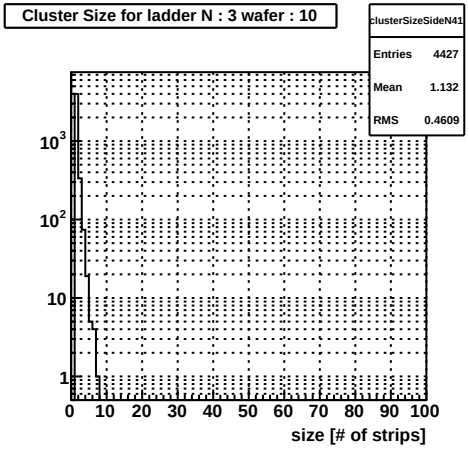

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 5405
Mean 1.499
RMS 1.069
size [# of strips]

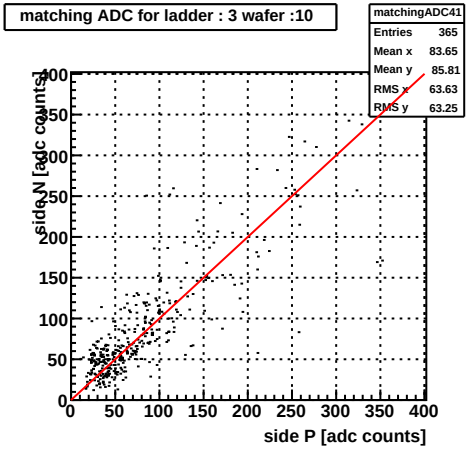

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 375
Mean x 51.37
Mean y 52.75
RMS x 48.09
RMS y 45.88
side N [adc counts]
side P [adc counts]

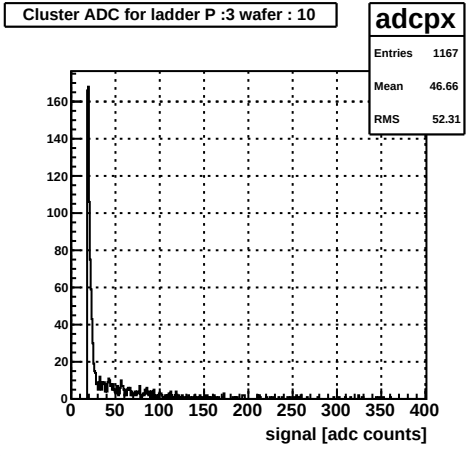

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9246
Mean 24.76
RMS 18.24
signal [adc counts]

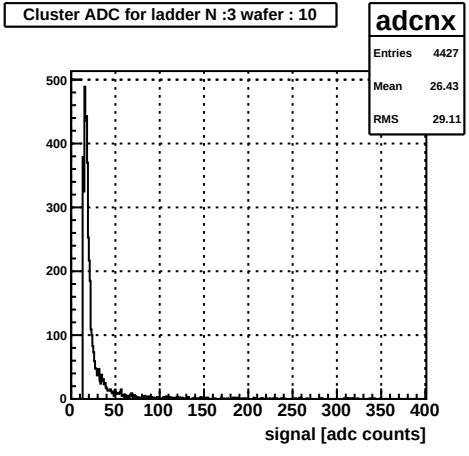

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 5405
Mean 59.68
RMS 74.06
signal [adc counts]

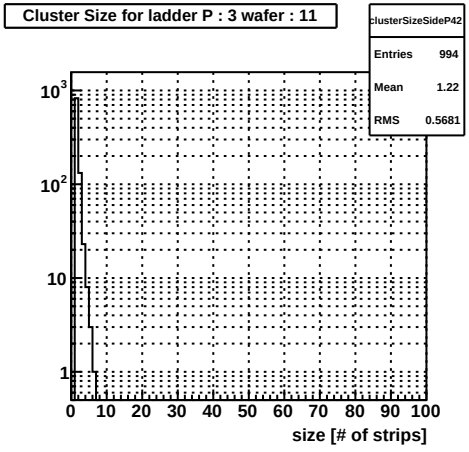

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1167
Mean 1.25
RMS 0.6271
size [# of strips]

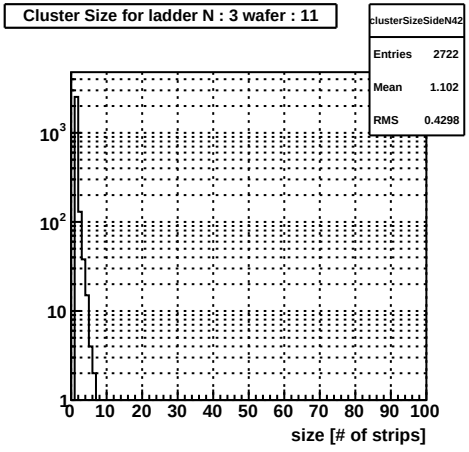

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4427
Mean 1.132
RMS 0.4609
size [# of strips]

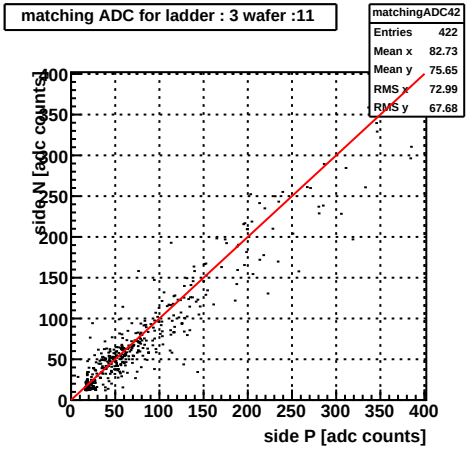

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 365
Mean x 83.65
Mean y 85.81
RMS x 63.63
RMS y 63.25
side N [adc counts]
side P [adc counts]

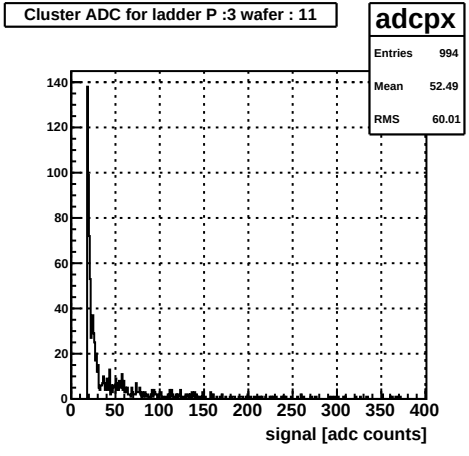

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1167
Mean 46.66
RMS 52.31
signal [adc counts]

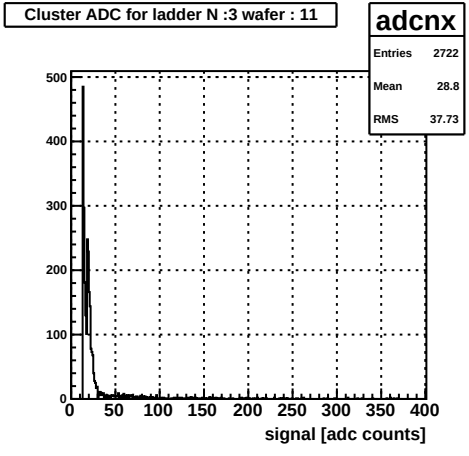

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4427
Mean 26.43
RMS 29.11
signal [adc counts]

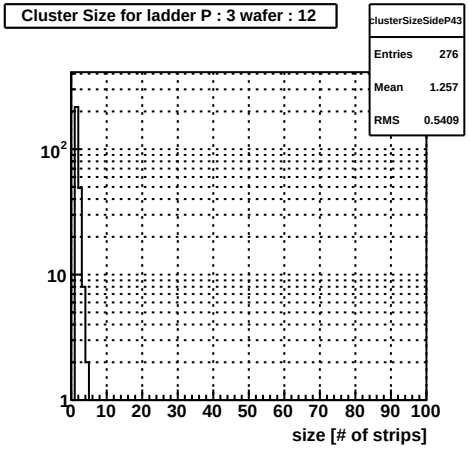

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 994
Mean 1.22
RMS 0.5681
size [# of strips]

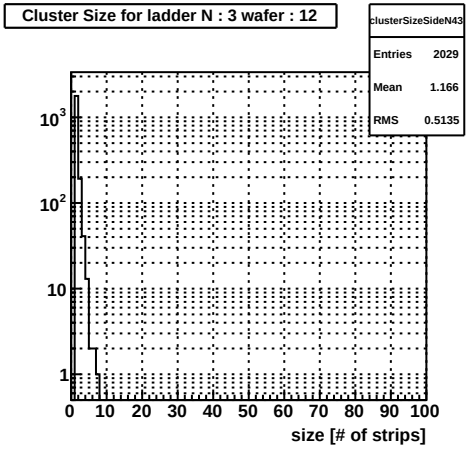

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2722
Mean 1.102
RMS 0.4298
size [# of strips]

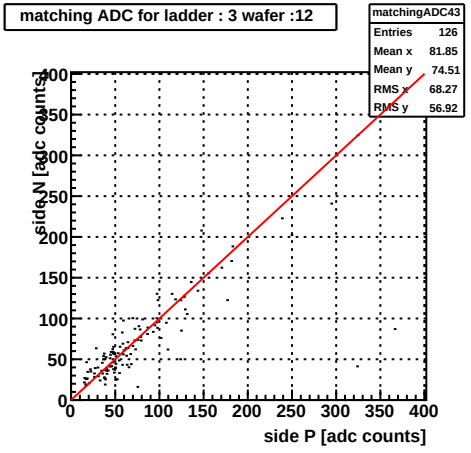

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 422
Mean x 82.73
Mean y 75.65
RMS x 72.99
RMS y 67.68
side N [adc counts]
side P [adc counts]

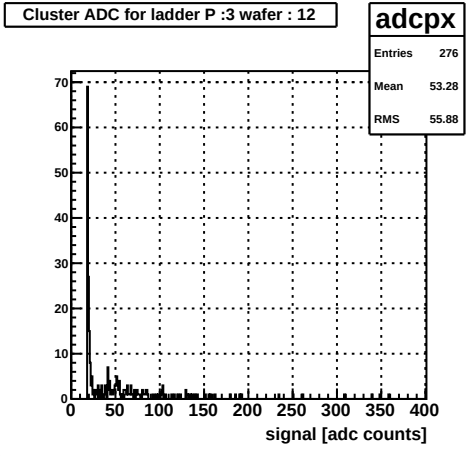

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 994
Mean 52.49
RMS 60.01
signal [adc counts]

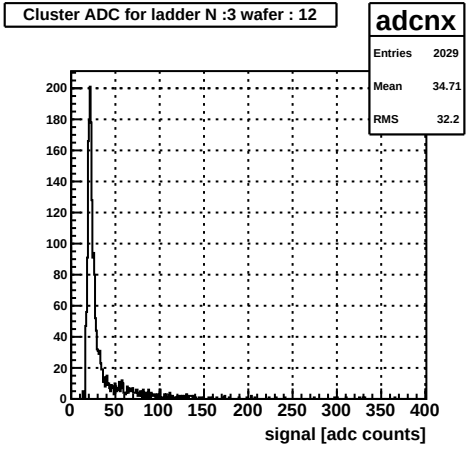

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2722
Mean 28.8
RMS 37.73
signal [adc counts]

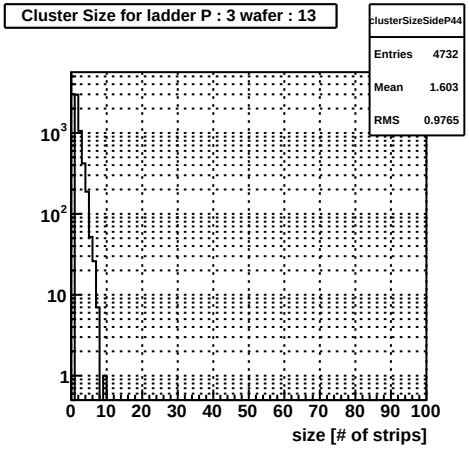

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 276
Mean 1.257
RMS 0.5409
size [# of strips]

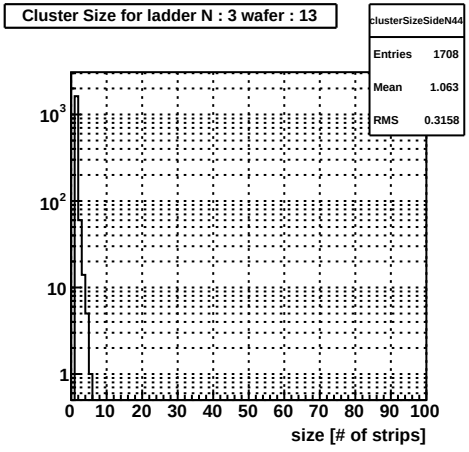

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2029
Mean 1.166
RMS 0.5135
size [# of strips]

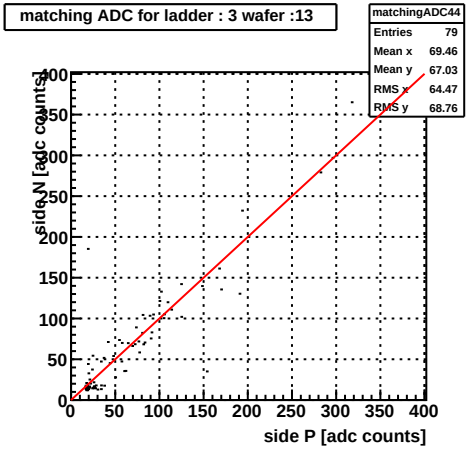

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 126
Mean x 81.85
Mean y 74.51
RMS x 68.27
RMS y 56.92
side N [adc counts]
side P [adc counts]

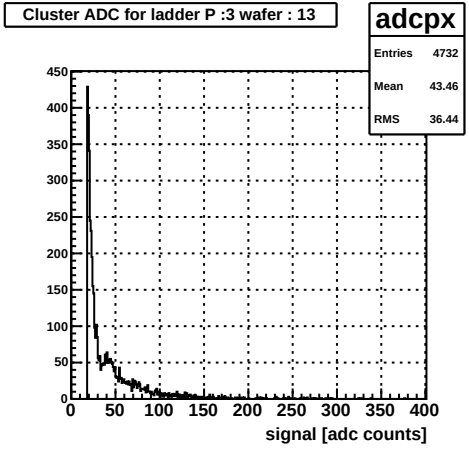

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 276
Mean 53.28
RMS 55.88
signal [adc counts]

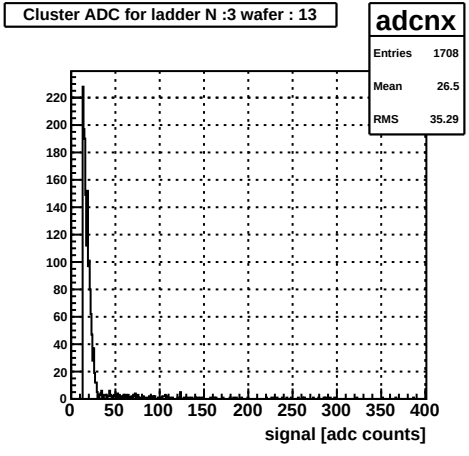

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2029
Mean 34.71
RMS 32.2
signal [adc counts]

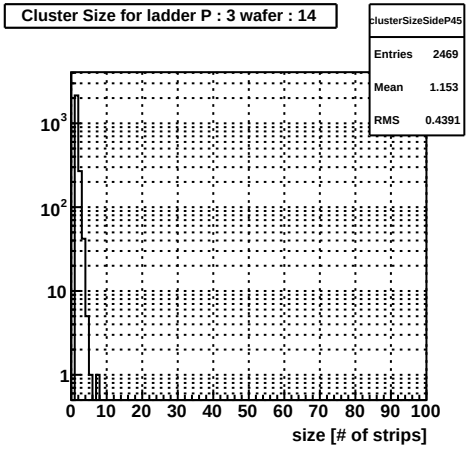

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4732
Mean 1.603
RMS 0.9765
size [# of strips]

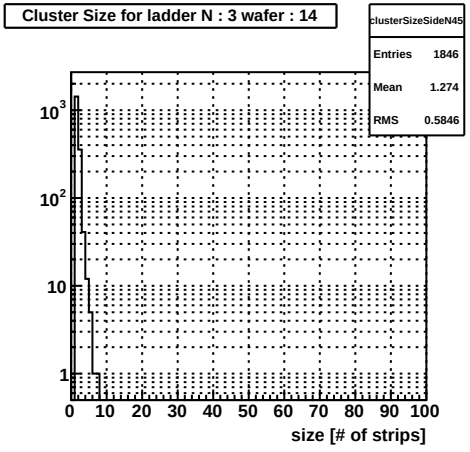

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1708
Mean 1.063
RMS 0.3158
size [# of strips]

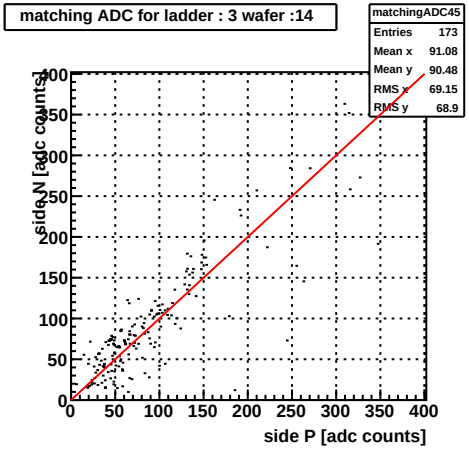

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 79
Mean x 69.46
Mean y 67.03
RMS x 64.47
RMS y 68.76
side N [adc counts]
side P [adc counts]

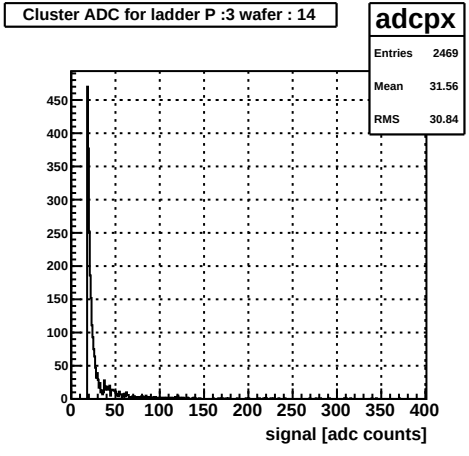

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4732
Mean 43.46
RMS 36.44
signal [adc counts]

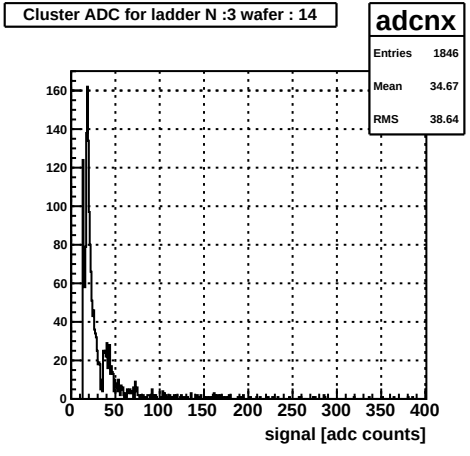

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1708
Mean 26.5
RMS 35.29
signal [adc counts]

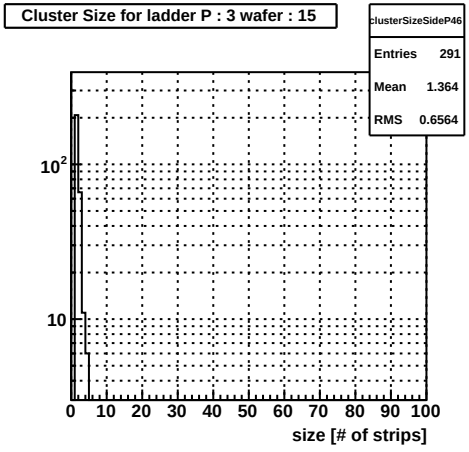

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2469
Mean 1.153
RMS 0.4391
size [# of strips]

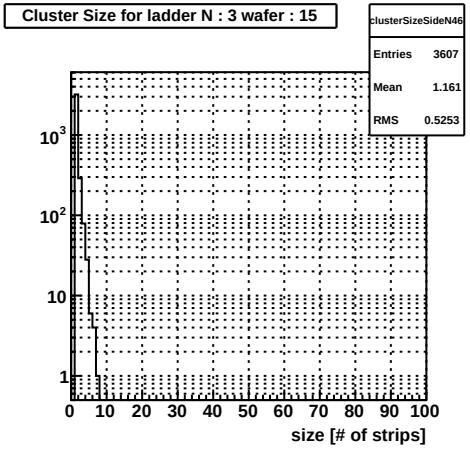

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1846
Mean 1.274
RMS 0.5846
size [# of strips]

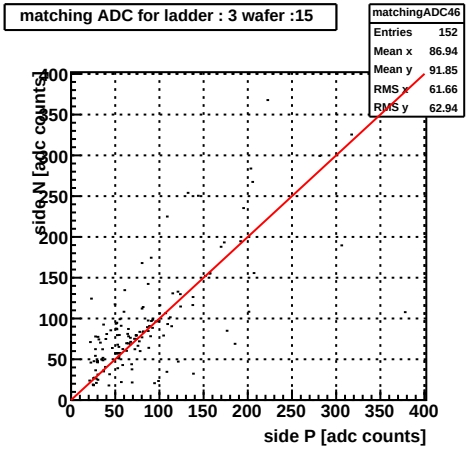

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 173
Mean x 91.08
Mean y 90.48
RMS x 69.15
RMS y 68.9
side N [adc counts]
side P [adc counts]

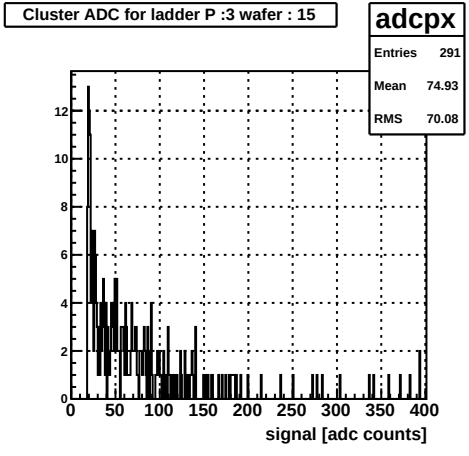

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2469
Mean 31.56
RMS 30.84
signal [adc counts]

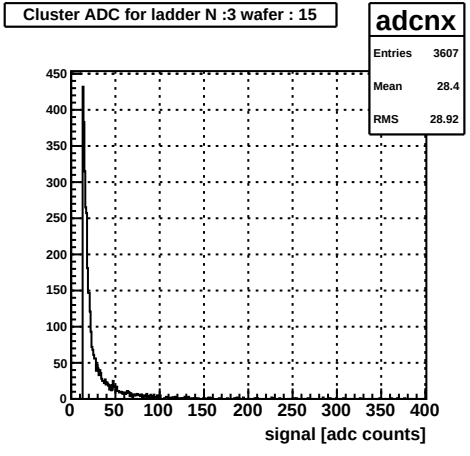

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1846
Mean 34.67
RMS 38.64
signal [adc counts]

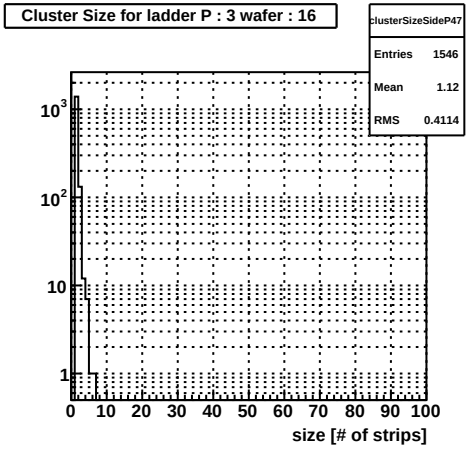

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 291
Mean 1.364
RMS 0.6564
size [# of strips]

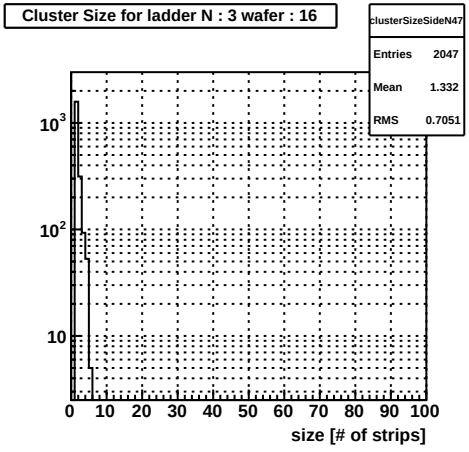

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3607
Mean 1.161
RMS 0.5253
size [# of strips]

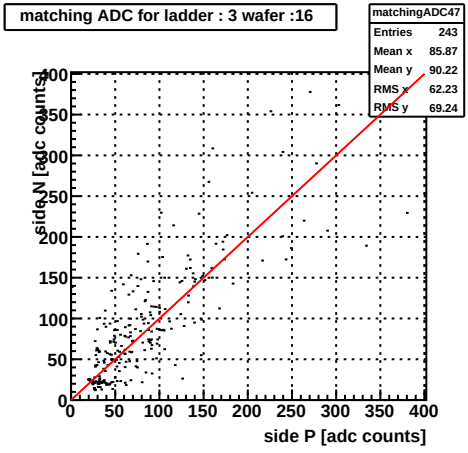

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 152
Mean x 86.94
Mean y 91.85
RMS x 61.66
RMS y 62.94
side N [adc counts]
side P [adc counts]

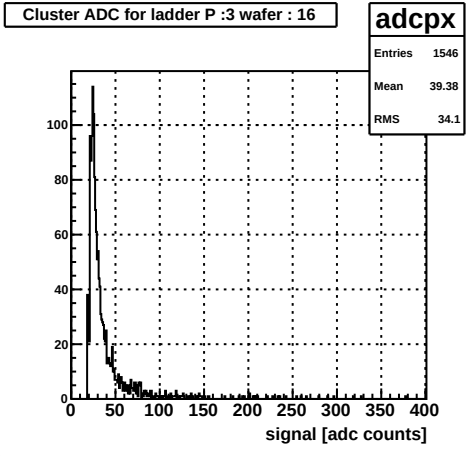

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 291
Mean 74.93
RMS 70.08
signal [adc counts]

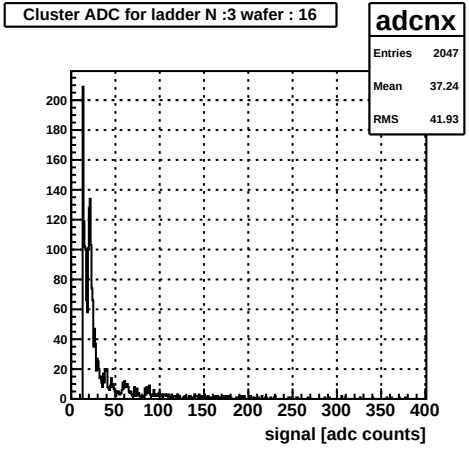

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3607
Mean 28.4
RMS 28.92
signal [adc counts]

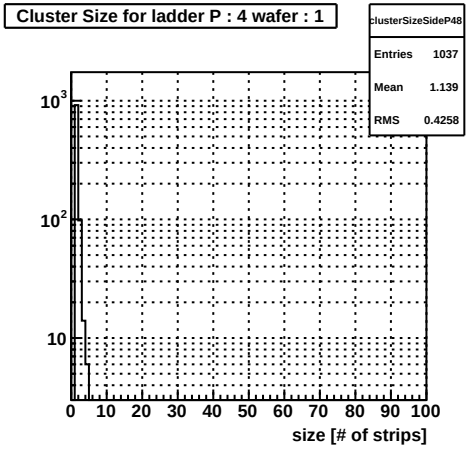

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1546
Mean 1.12
RMS 0.4114
size [# of strips]

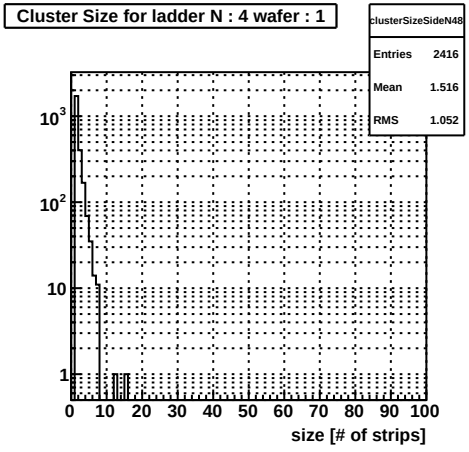

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2047
Mean 1.332
RMS 0.7051
size [# of strips]

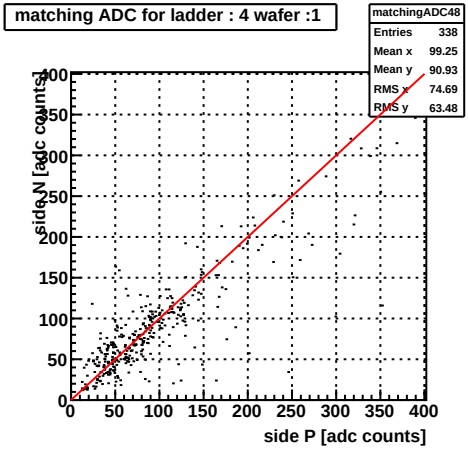

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 243
Mean x 85.87
Mean y 90.22
RMS x 62.23
RMS y 69.24
side N [adc counts]
side P [adc counts]

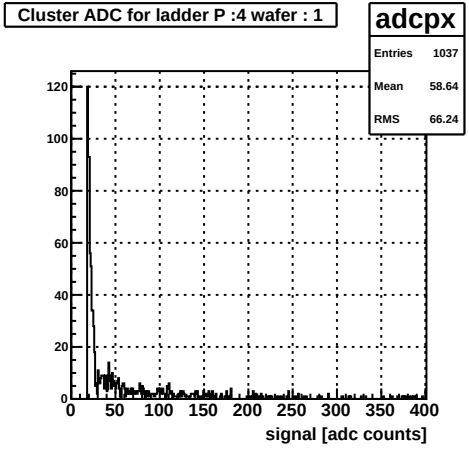

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1546
Mean 39.38
RMS 34.1
signal [adc counts]

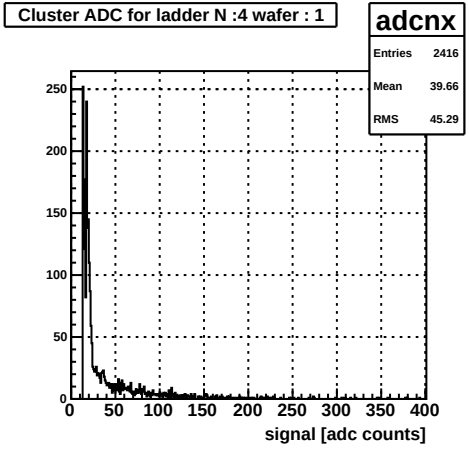

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2047
Mean 37.24
RMS 41.93
signal [adc counts]

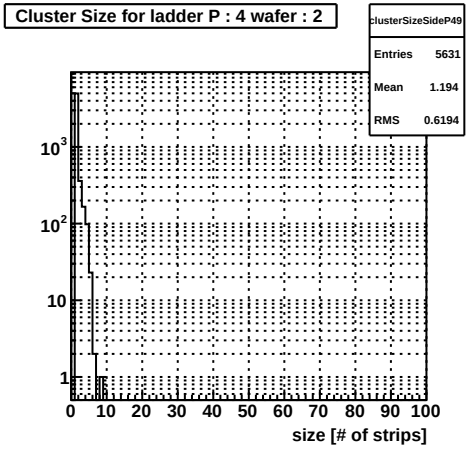

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1037
Mean 1.139
RMS 0.4258
size [# of strips]

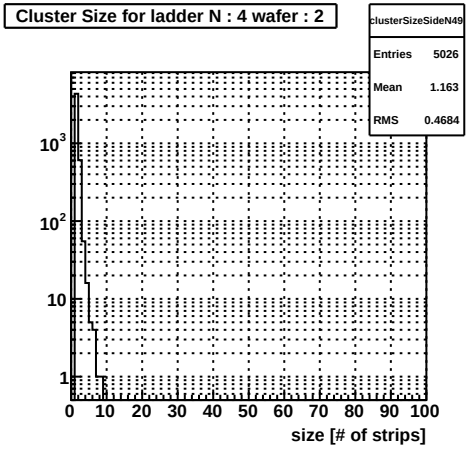

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2416
Mean 1.516
RMS 1.052
size [# of strips]

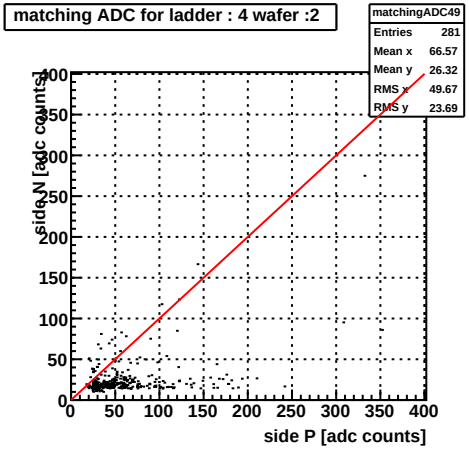

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 338
Mean x 99.25
Mean y 90.93
RMS x 74.69
RMS y 63.48
side N [adc counts]
side P [adc counts]

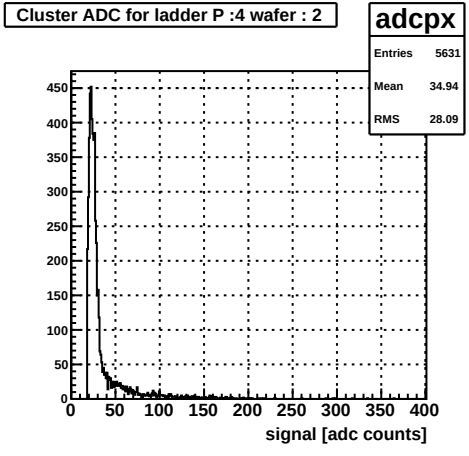

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1037
Mean 58.64
RMS 66.24
signal [adc counts]

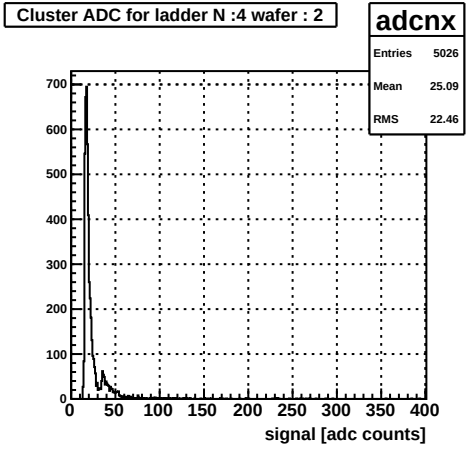

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2416
Mean 39.66
RMS 45.29
signal [adc counts]

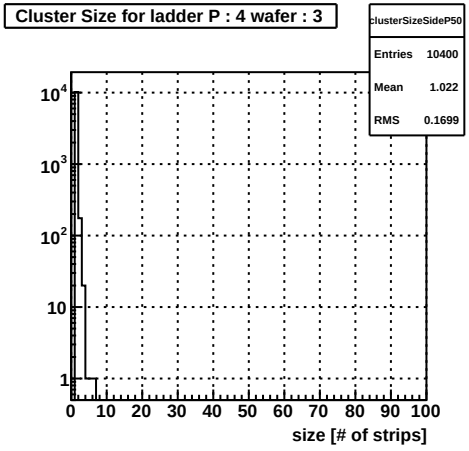

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5631
Mean 1.194
RMS 0.6194
size [# of strips]

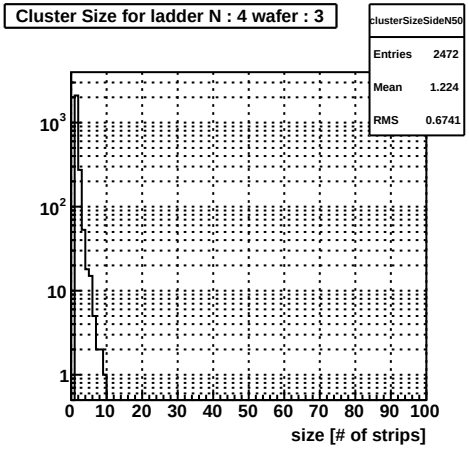

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5026
Mean 1.163
RMS 0.4684
size [# of strips]

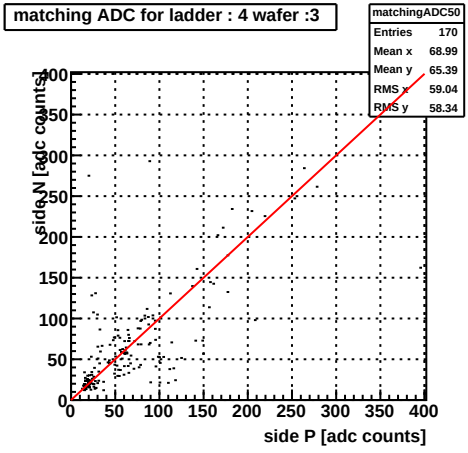

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 281
Mean x 66.57
Mean y 26.32
RMS x 49.67
RMS y 23.69
side N [adc counts]
side P [adc counts]

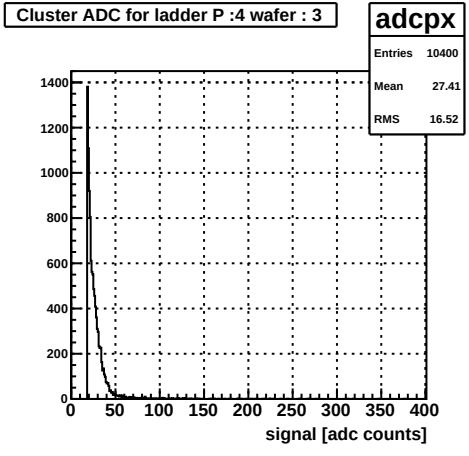

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5631
Mean 34.94
RMS 28.09
signal [adc counts]

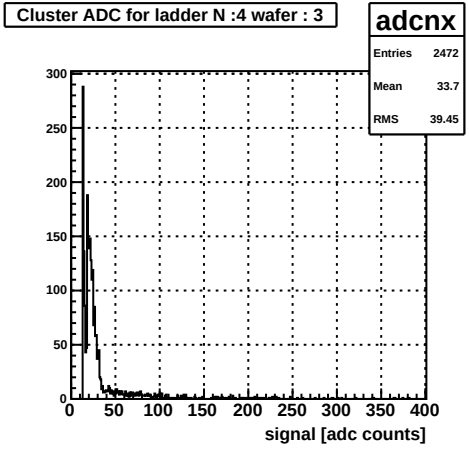

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5026
Mean 25.09
RMS 22.46
signal [adc counts]

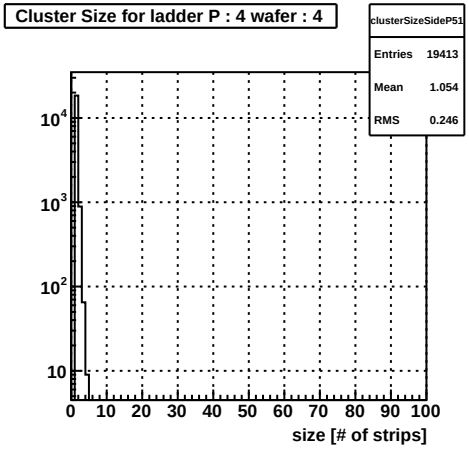

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10400
Mean 1.022
RMS 0.1699
size [# of strips]

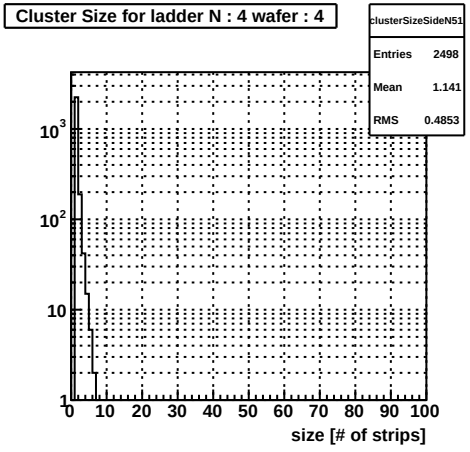

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2472
Mean 1.224
RMS 0.6741
size [# of strips]

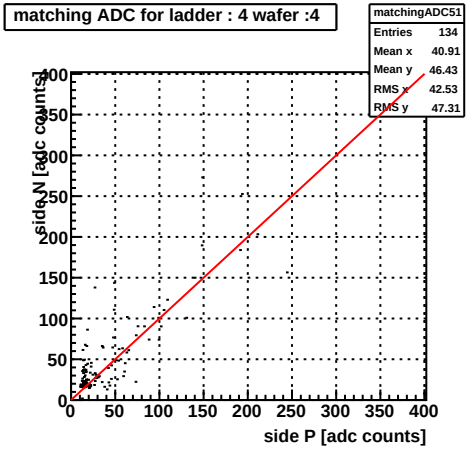

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 170
Mean x 68.99
Mean y 65.39
RMS x 59.04
RMS y 58.34
side N [adc counts]
side P [adc counts]

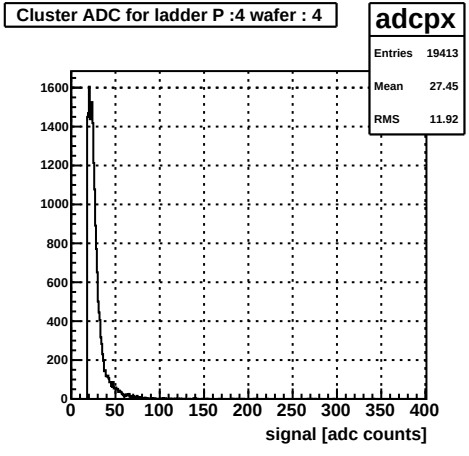

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10400
Mean 27.41
RMS 16.52
signal [adc counts]

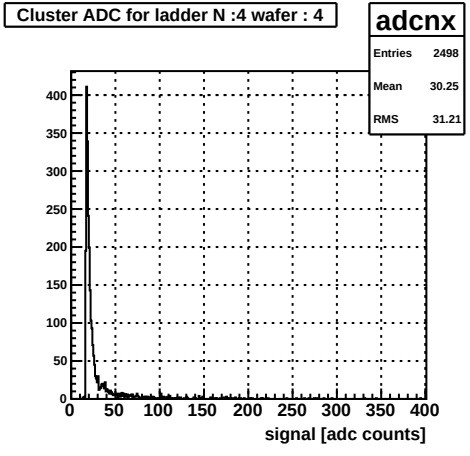

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2472
Mean 33.7
RMS 39.45
signal [adc counts]

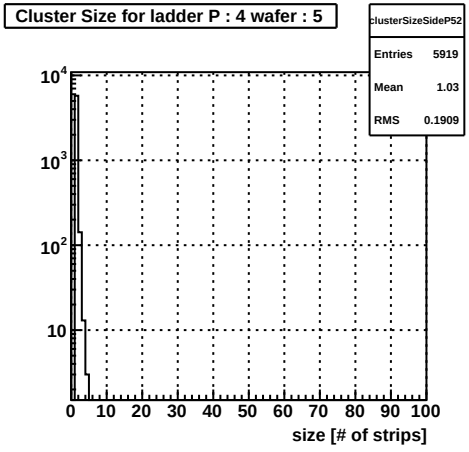

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 19413
Mean 1.054
RMS 0.246
size [# of strips]

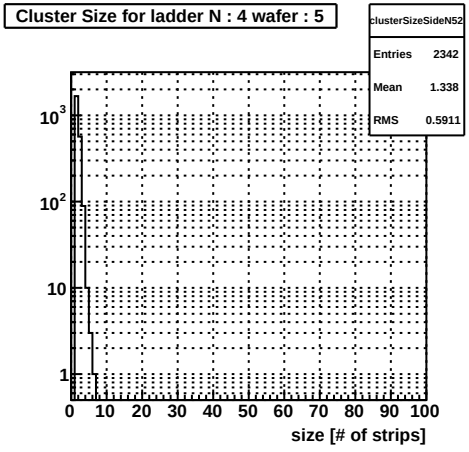

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2498
Mean 1.141
RMS 0.4853
size [# of strips]

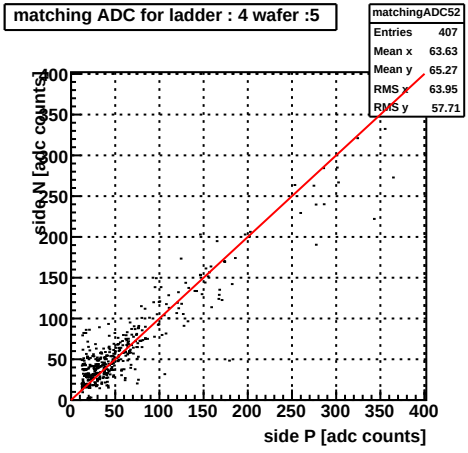

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 134
Mean x 40.91
Mean y 46.43
RMS x 42.53
RMS y 47.31
side N [adc counts]
side P [adc counts]

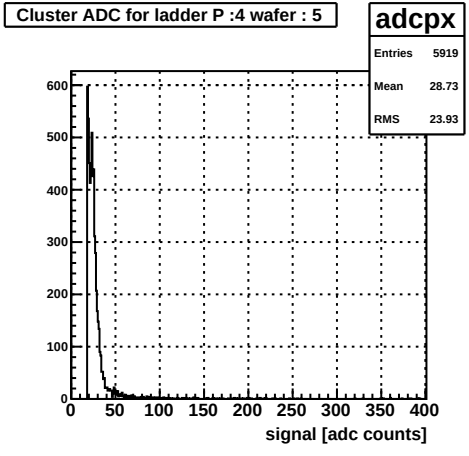

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 19413
Mean 27.45
RMS 11.92
signal [adc counts]

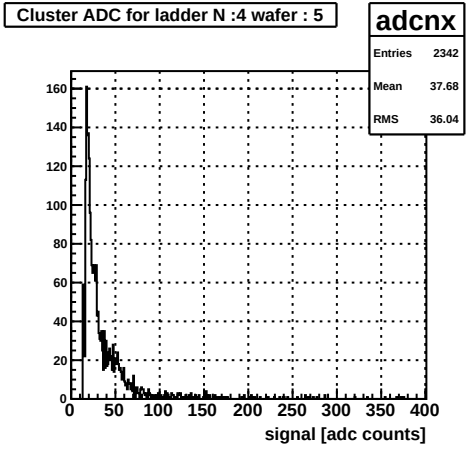

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2498
Mean 30.25
RMS 31.21
signal [adc counts]

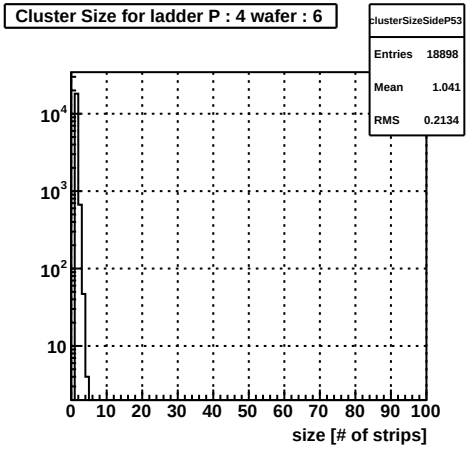

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5919
Mean 1.03
RMS 0.1909
size [# of strips]

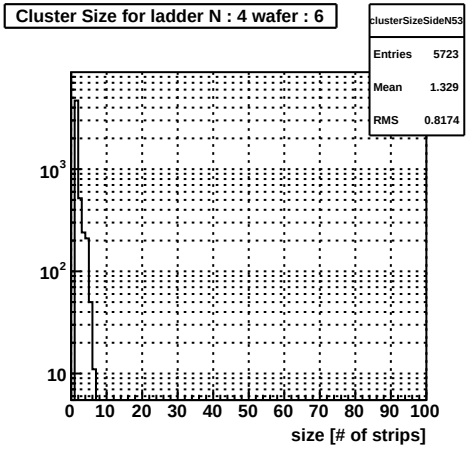

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2342
Mean 1.338
RMS 0.5911
size [# of strips]

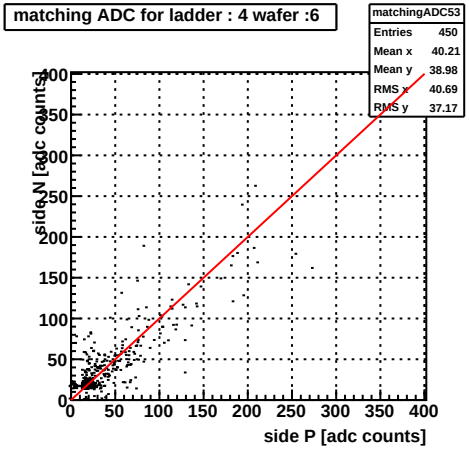

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 407
Mean x 63.63
Mean y 65.27
RMS x 63.95
RMS y 57.71
side N [adc counts]
side P [adc counts]

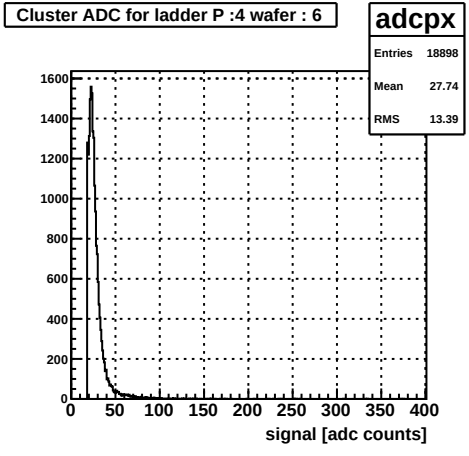

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5919
Mean 28.73
RMS 23.93
signal [adc counts]

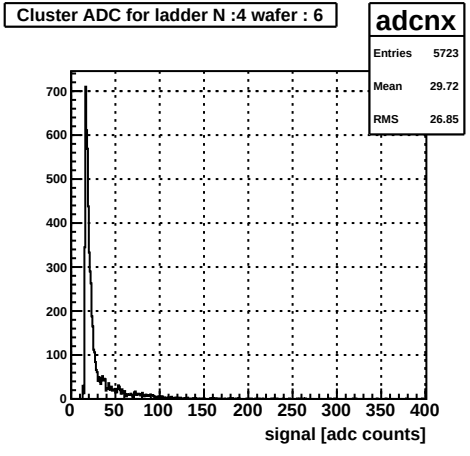

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2342
Mean 37.68
RMS 36.04
signal [adc counts]

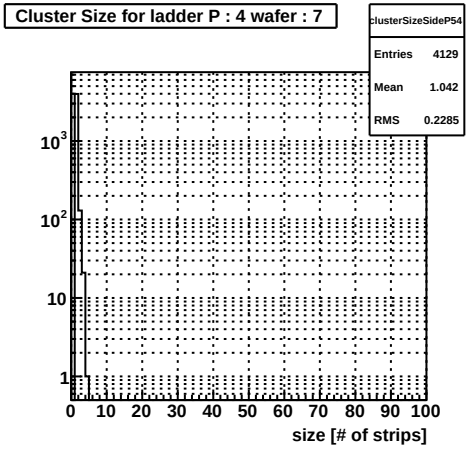

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18898
Mean 1.041
RMS 0.2134
size [# of strips]

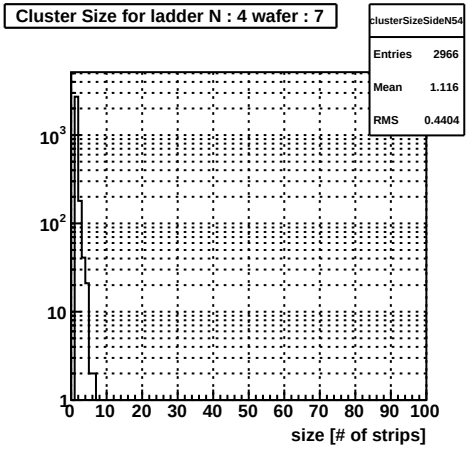

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5723
Mean 1.329
RMS 0.8174
size [# of strips]

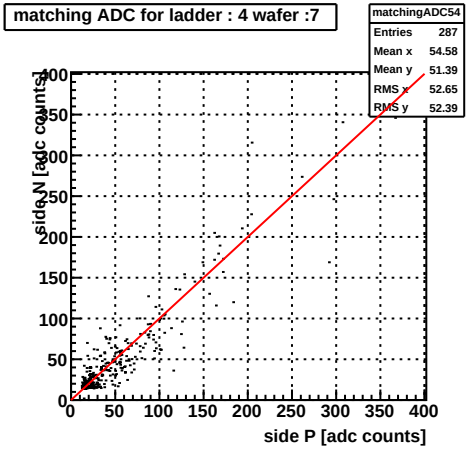

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 450
Mean x 40.21
Mean y 38.98
RMS x 40.69
RMS y 37.17
side N [adc counts]
side P [adc counts]

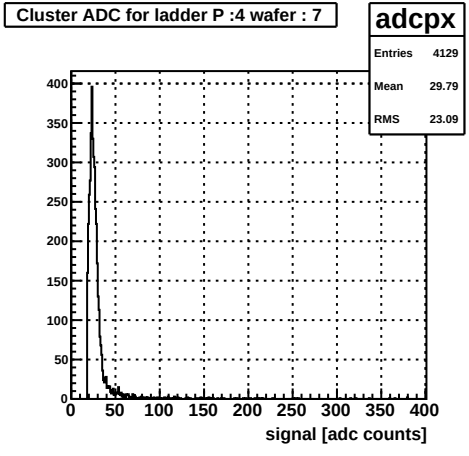

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18898
Mean 27.74
RMS 13.39
signal [adc counts]

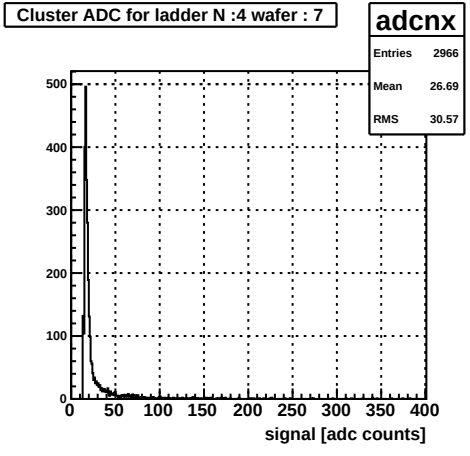

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5723
Mean 29.72
RMS 26.85
signal [adc counts]

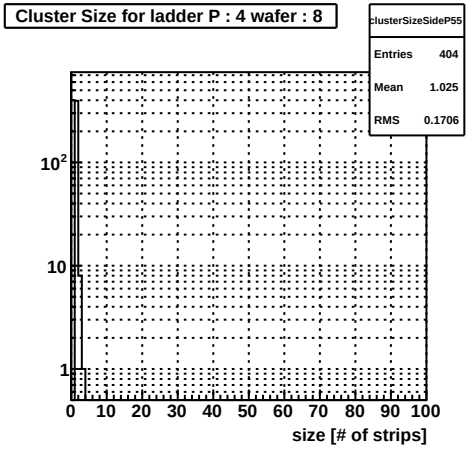

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4129
Mean 1.042
RMS 0.2285
size [# of strips]

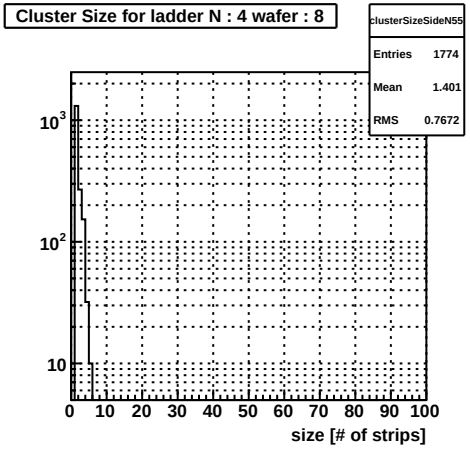

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2966
Mean 1.116
RMS 0.4404
size [# of strips]

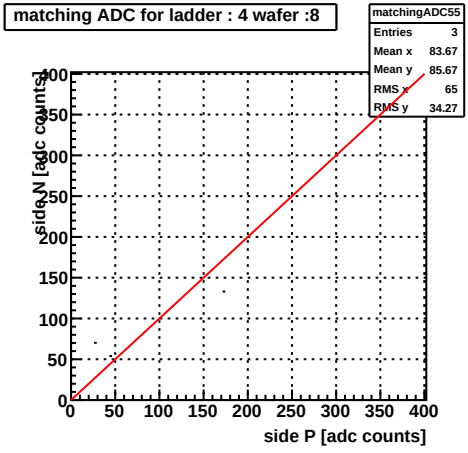

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 287
Mean x 54.58
Mean y 51.39
RMS x 52.65
RMS y 52.39
side N [adc counts]
side P [adc counts]

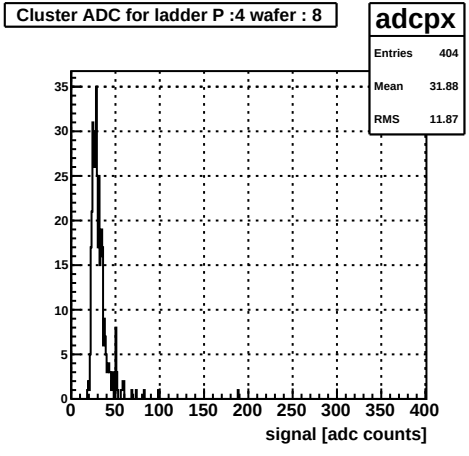

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4129
Mean 29.79
RMS 23.09
signal [adc counts]

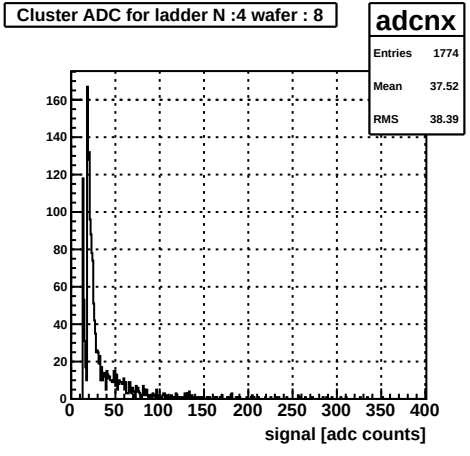

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2966
Mean 26.69
RMS 30.57
signal [adc counts]

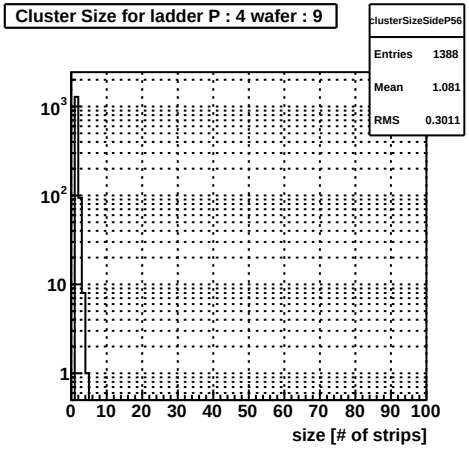

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 404
Mean 1.025
RMS 0.1706
size [# of strips]

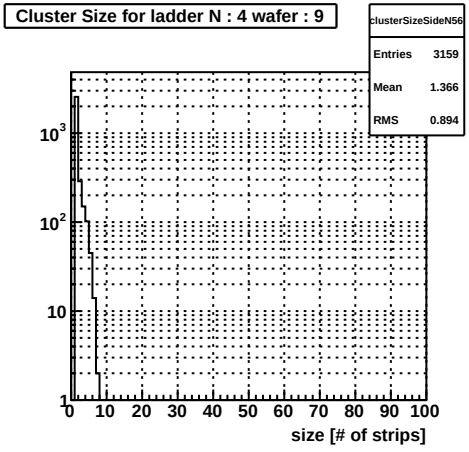

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1774
Mean 1.401
RMS 0.7672
size [# of strips]

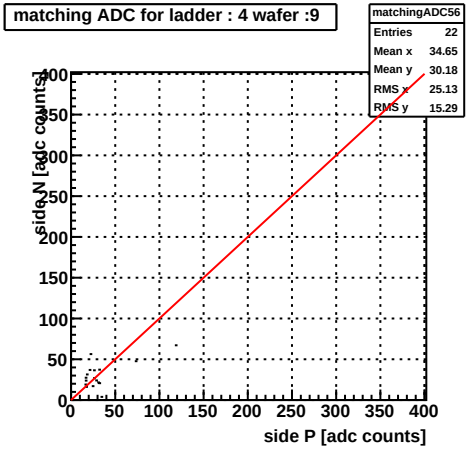

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 83.67
Mean y 85.67
RMS x 65
RMS y 34.27
side N [adc counts]
side P [adc counts]

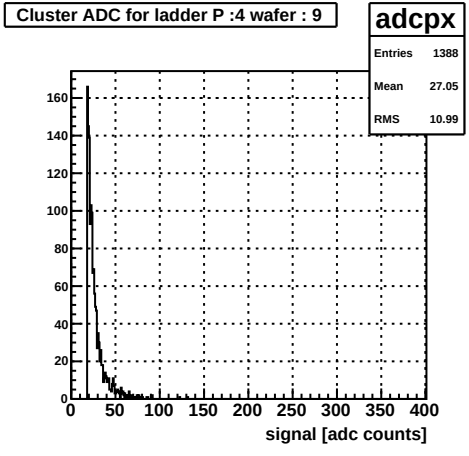

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 404
Mean 31.88
RMS 11.87
signal [adc counts]

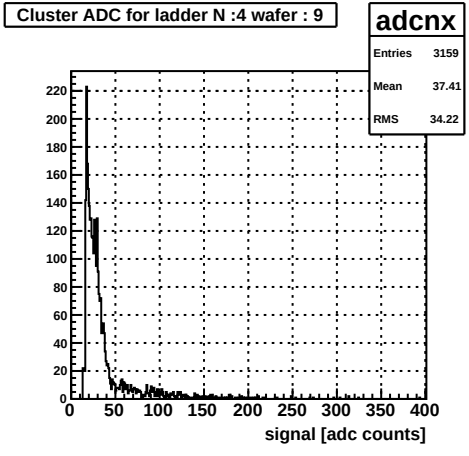

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1774
Mean 37.52
RMS 38.39
signal [adc counts]

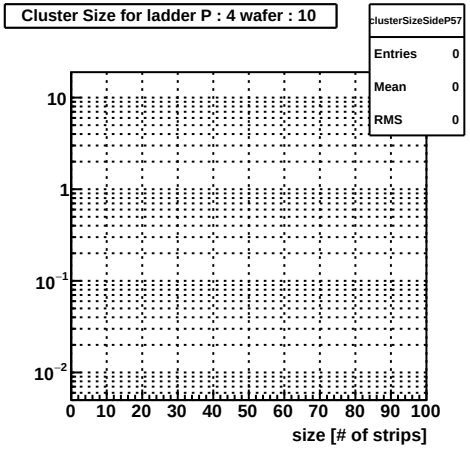

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1388
Mean 1.081
RMS 0.3011
size [# of strips]

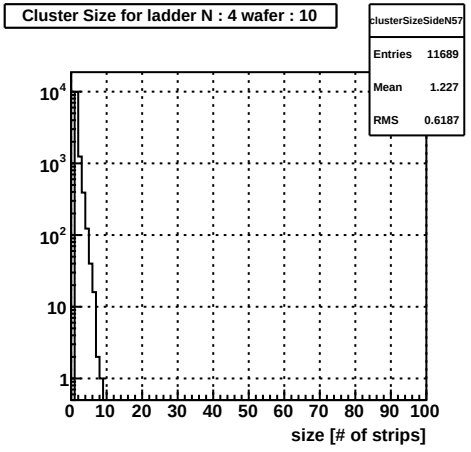

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3159
Mean 1.366
RMS 0.894
size [# of strips]

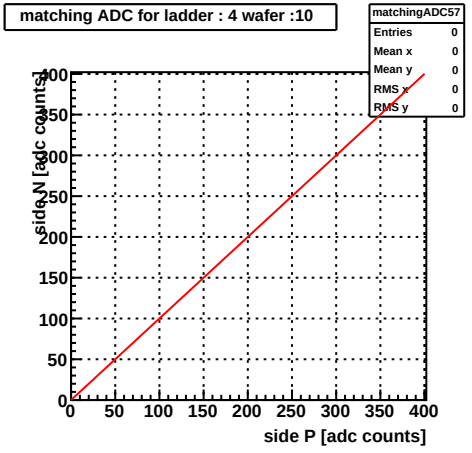

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 22
Mean x 34.65
Mean y 30.18
RMS x 25.13
RMS y 15.29
side N [adc counts]
side P [adc counts]

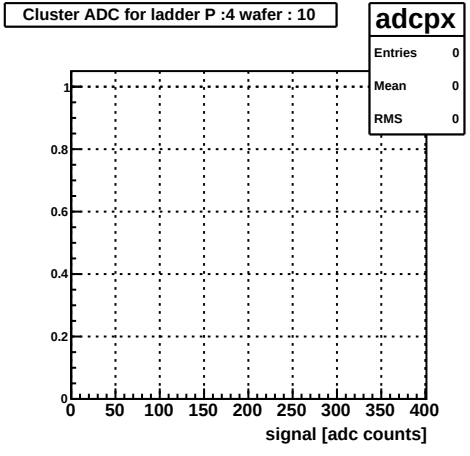

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1388
Mean 27.05
RMS 10.99
signal [adc counts]

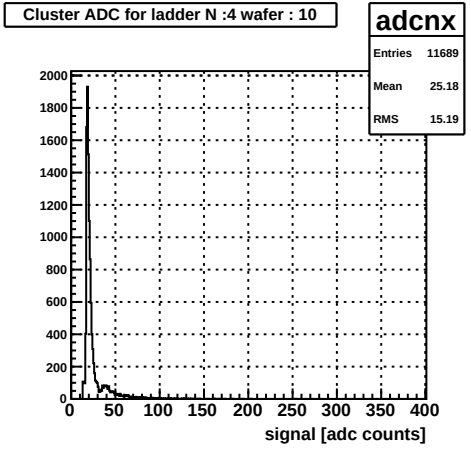

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3159
Mean 37.41
RMS 34.22
signal [adc counts]

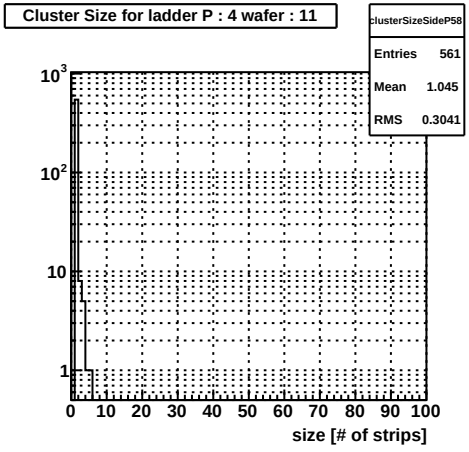

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

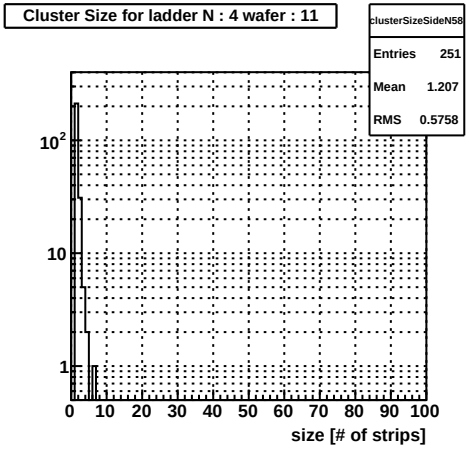

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11689
Mean 1.227
RMS 0.6187
size [# of strips]

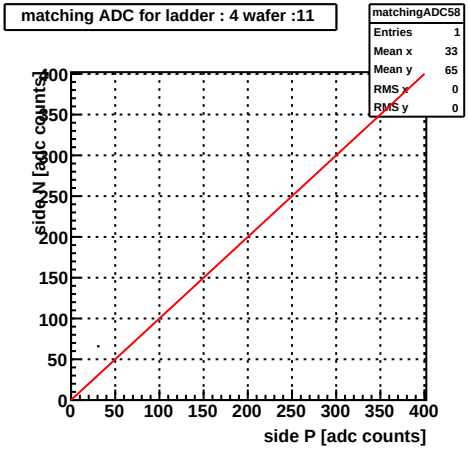

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

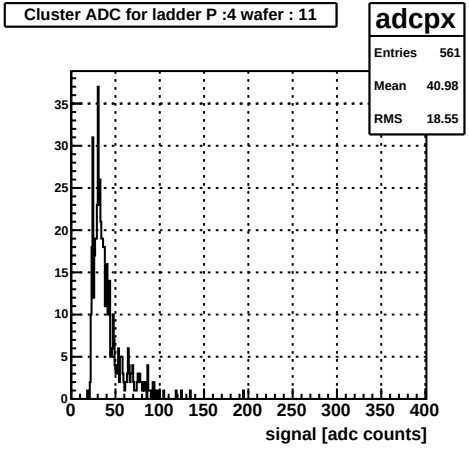

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

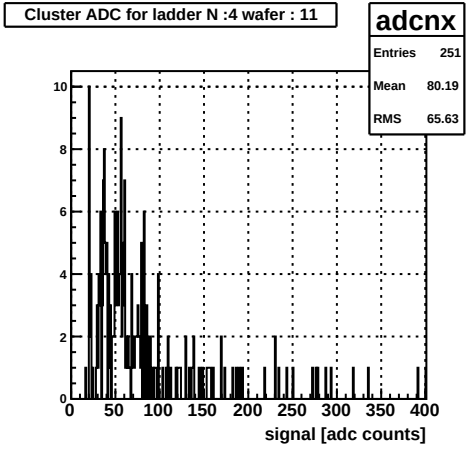

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11689
Mean 25.18
RMS 15.19
signal [adc counts]

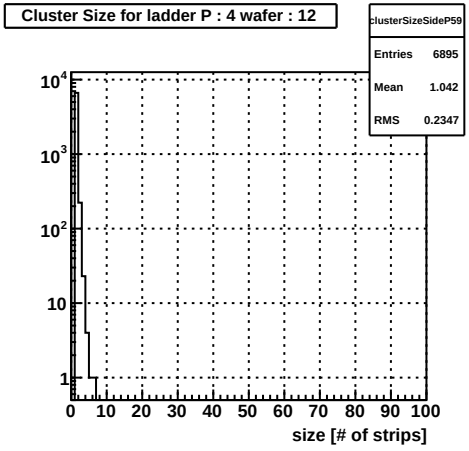

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 561
Mean 1.045
RMS 0.3041
size [# of strips]

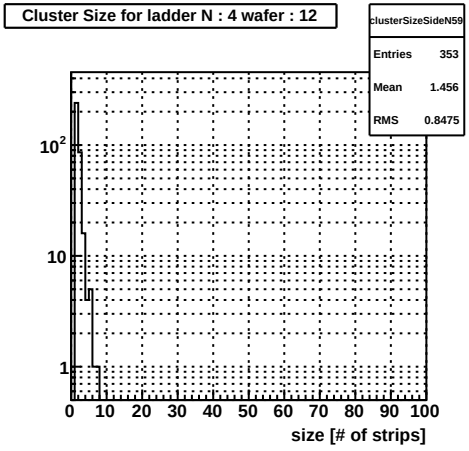

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 251
Mean 1.207
RMS 0.5758
size [# of strips]

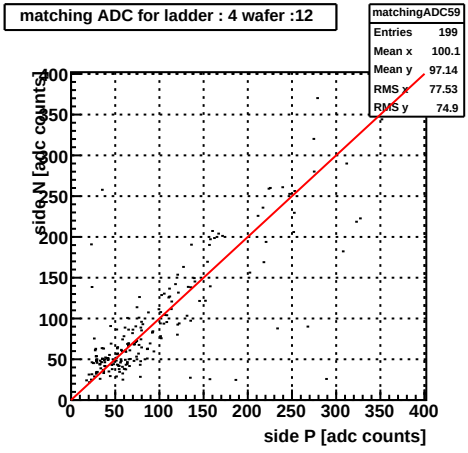

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 33
Mean y 65
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

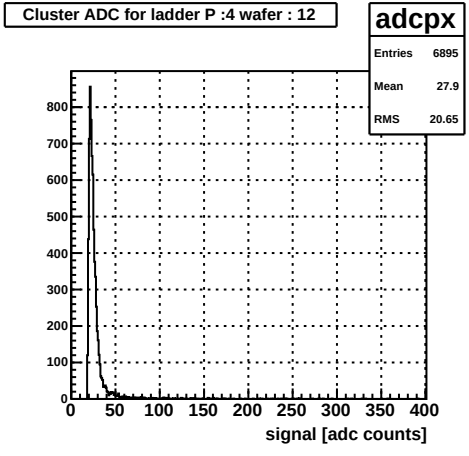

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 561
Mean 40.98
RMS 18.55
signal [adc counts]

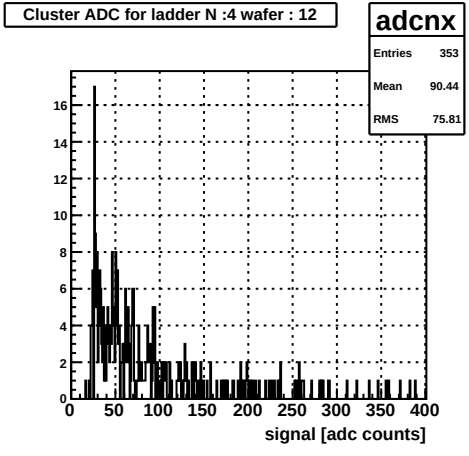

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 251
Mean 80.19
RMS 65.63
signal [adc counts]

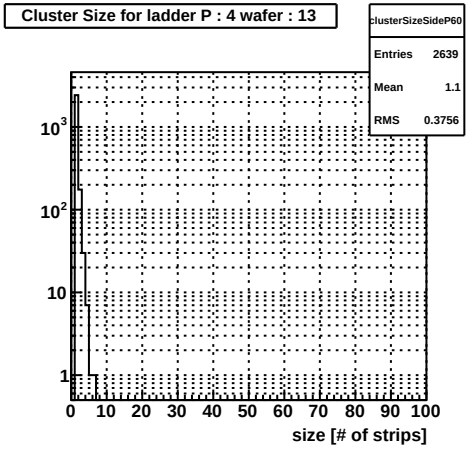

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6895
Mean 1.042
RMS 0.2347
size [# of strips]

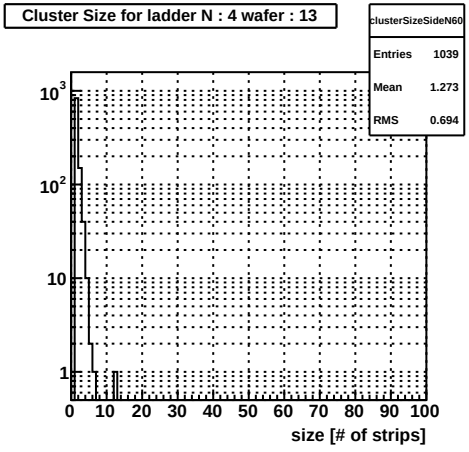

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 353
Mean 1.456
RMS 0.8475
size [# of strips]

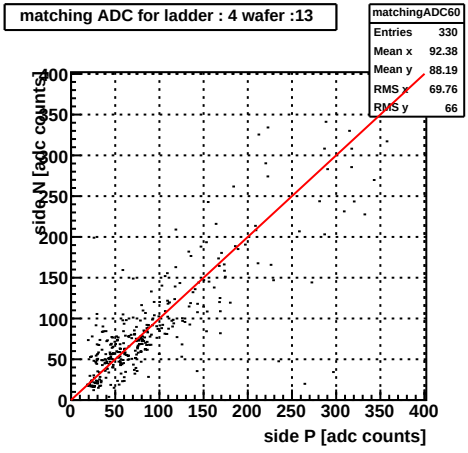

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 199
Mean x 100.1
Mean y 97.14
RMS x 77.53
RMS y 74.9
side N [adc counts]
side P [adc counts]

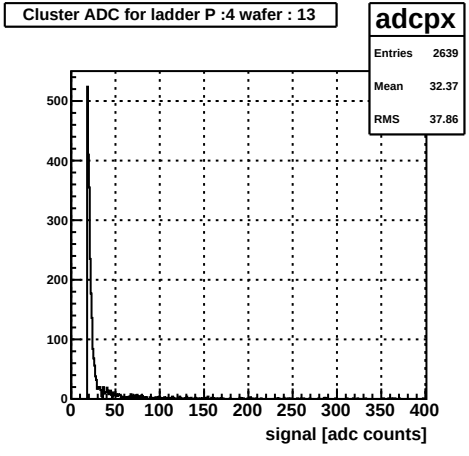

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6895
Mean 27.9
RMS 20.65
signal [adc counts]

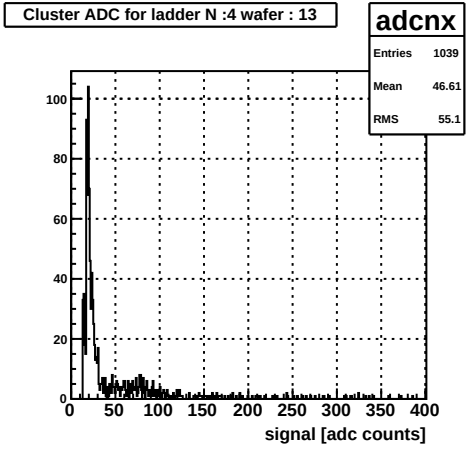

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 353
Mean 90.44
RMS 75.81
signal [adc counts]

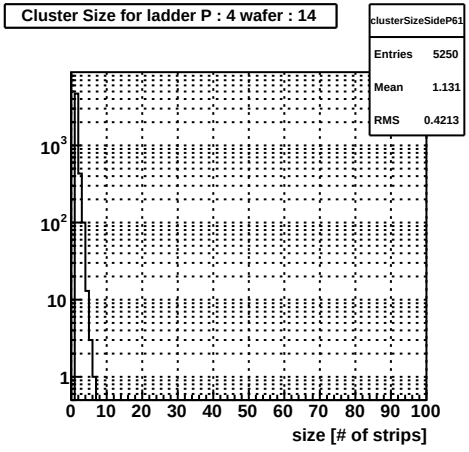

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2639
Mean 1.1
RMS 0.3756
size [# of strips]

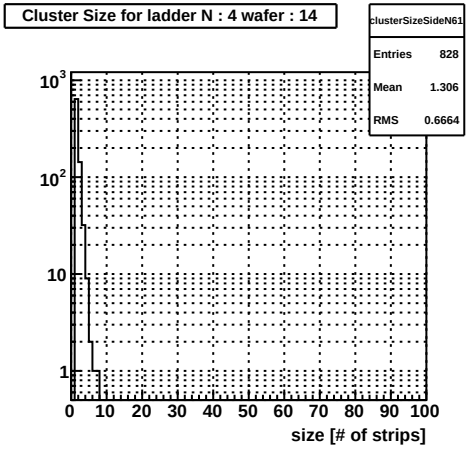

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1039
Mean 1.273
RMS 0.694
size [# of strips]

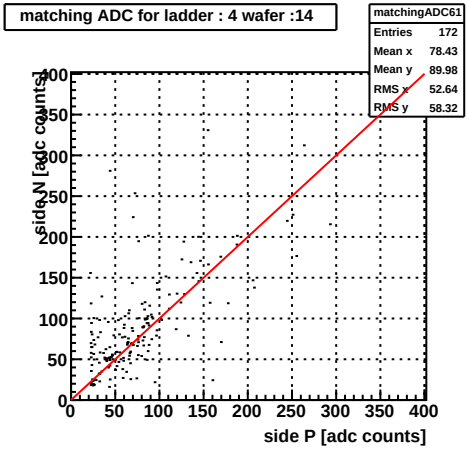

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 330
Mean x 92.38
Mean y 88.19
RMS x 69.76
RMS y 66
side N [adc counts]
side P [adc counts]

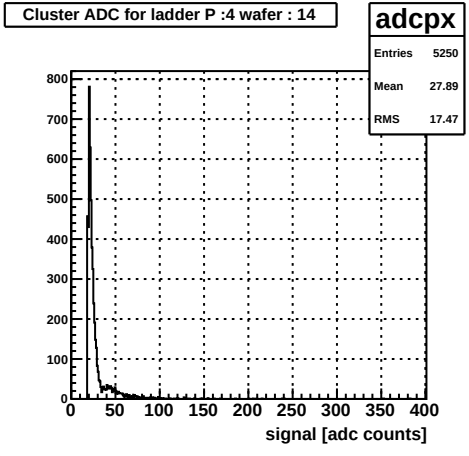

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2639
Mean 32.37
RMS 37.86
signal [adc counts]

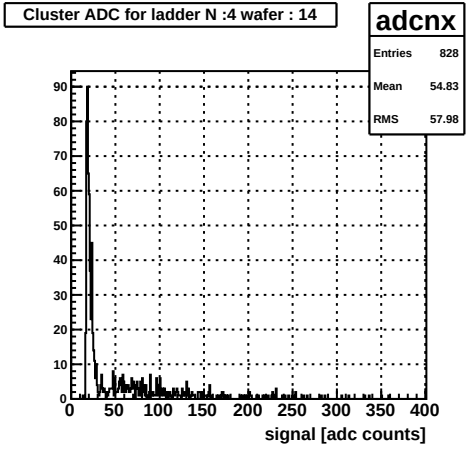

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1039
Mean 46.61
RMS 55.1
signal [adc counts]

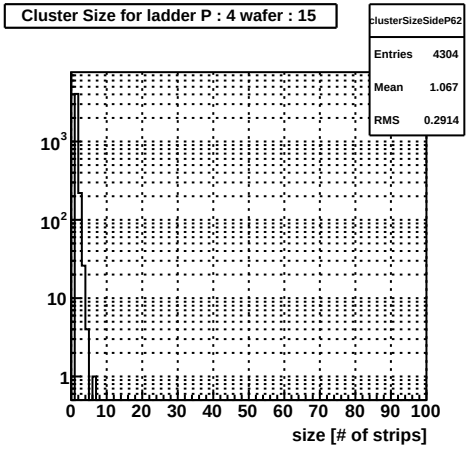

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5250
Mean 1.131
RMS 0.4213
size [# of strips]

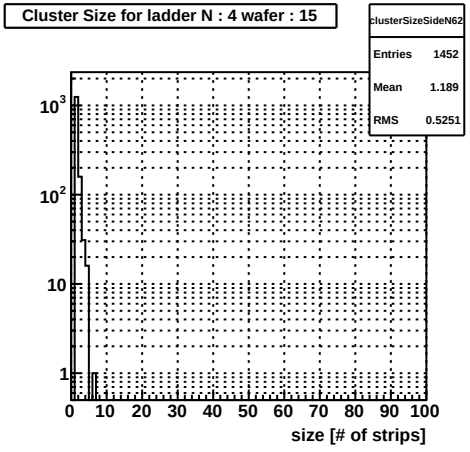

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 828
Mean 1.306
RMS 0.6664
size [# of strips]

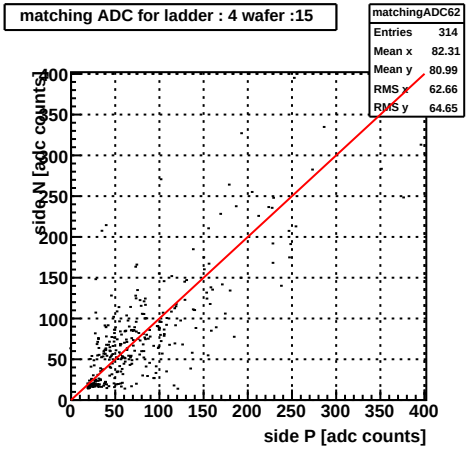

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 172
Mean x 78.43
Mean y 89.98
RMS x 52.64
RMS y 58.32
side N [adc counts]
side P [adc counts]

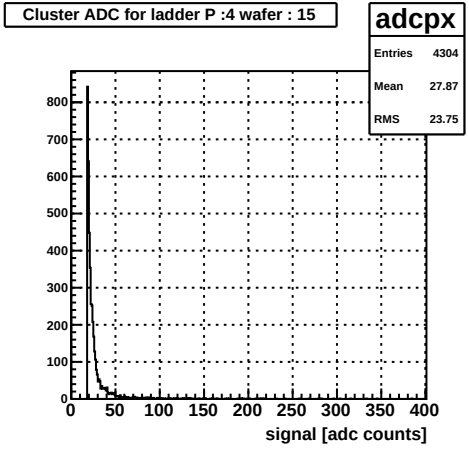

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5250
Mean 27.89
RMS 17.47
signal [adc counts]

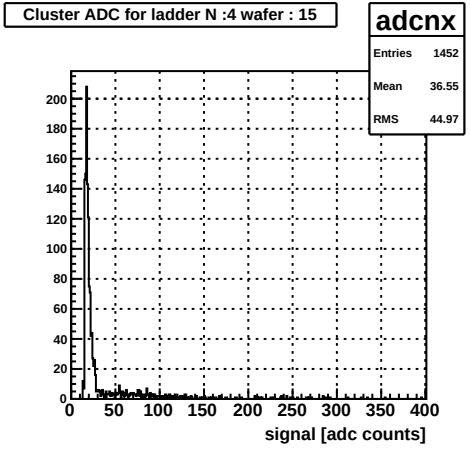

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 828
Mean 54.83
RMS 57.98
signal [adc counts]

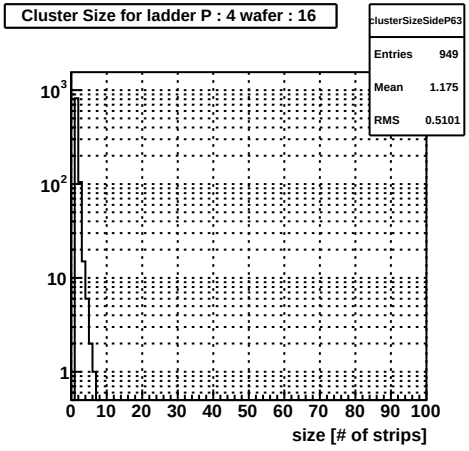

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4304
Mean 1.067
RMS 0.2914
size [# of strips]

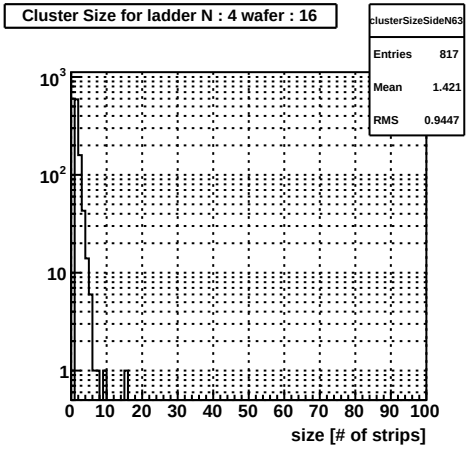

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1452
Mean 1.189
RMS 0.5251
size [# of strips]

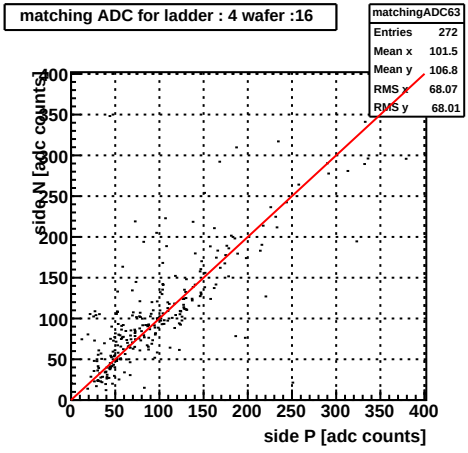

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 314
Mean x 82.31
Mean y 80.99
RMS x 62.66
RMS y 64.65
side N [adc counts]
side P [adc counts]

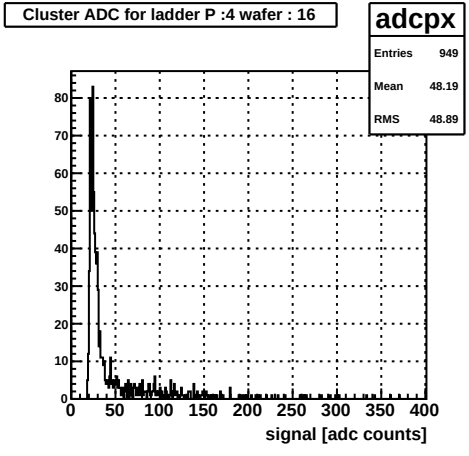

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4304
Mean 27.87
RMS 23.75
signal [adc counts]

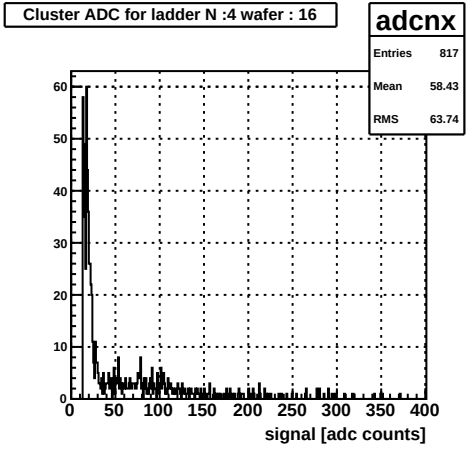

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1452
Mean 36.55
RMS 44.97
signal [adc counts]

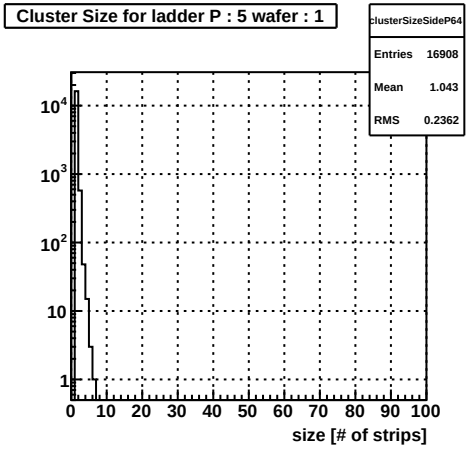

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 949
Mean 1.175
RMS 0.5101
size [# of strips]

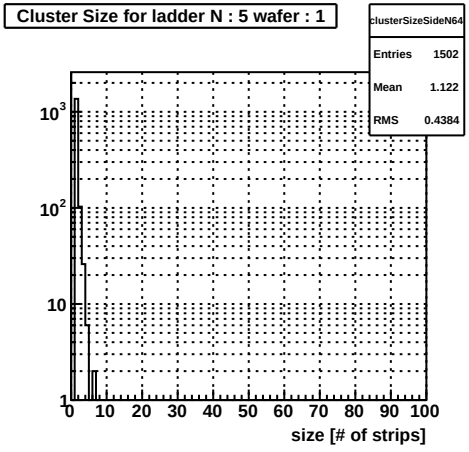

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 817
Mean 1.421
RMS 0.9447
size [# of strips]

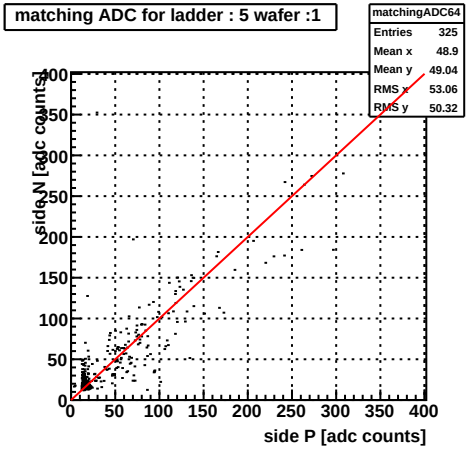

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 272
Mean x 101.5
Mean y 106.8
RMS x 68.07
RMS y 68.01
side N [adc counts]
side P [adc counts]

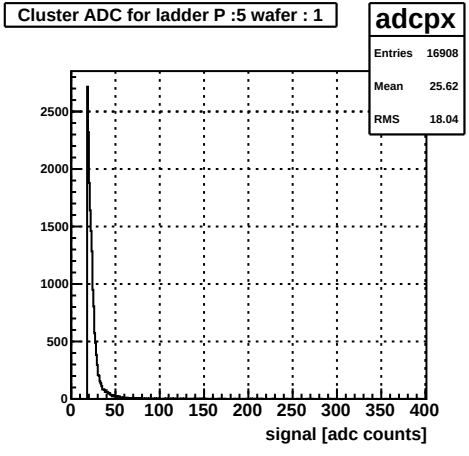

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 949
Mean 48.19
RMS 48.89
signal [adc counts]

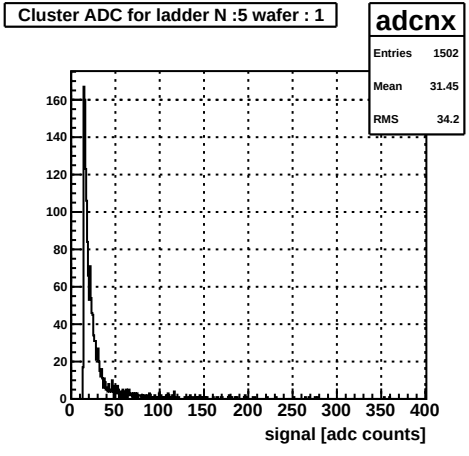

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 817
Mean 58.43
RMS 63.74
signal [adc counts]

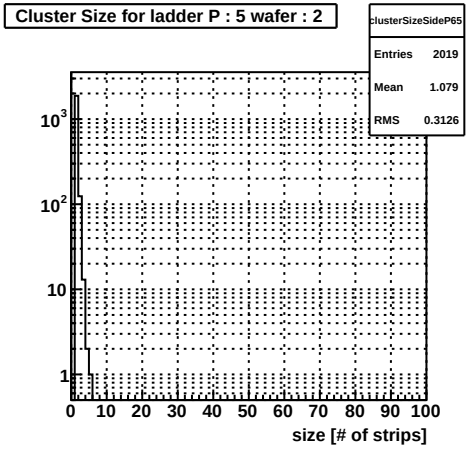

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 16908
Mean 1.043
RMS 0.2362
size [# of strips]

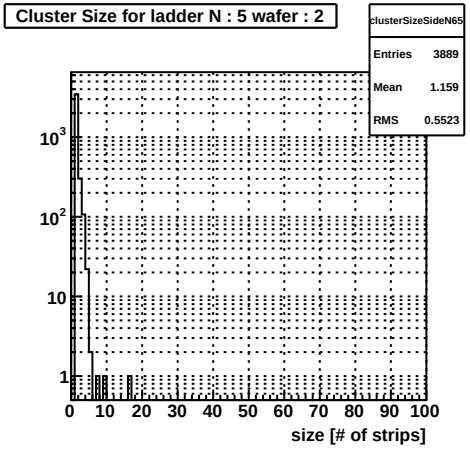

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1502
Mean 1.122
RMS 0.4384
size [# of strips]

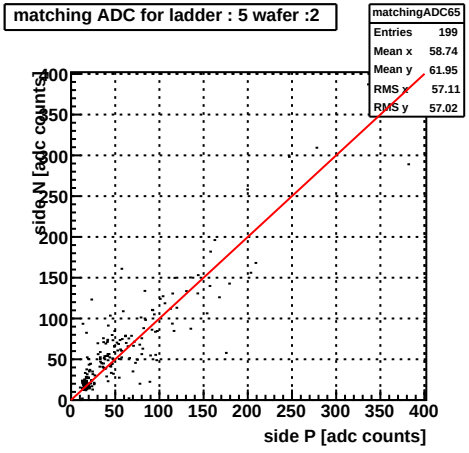

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 325
Mean x 48.9
Mean y 49.04
RMS x 53.06
RMS y 50.32
side N [adc counts]
side P [adc counts]

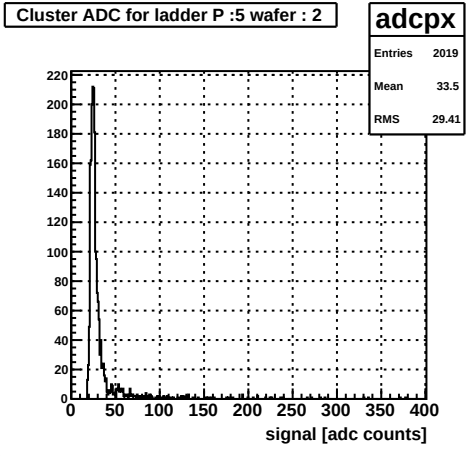

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 16908
Mean 25.62
RMS 18.04
signal [adc counts]

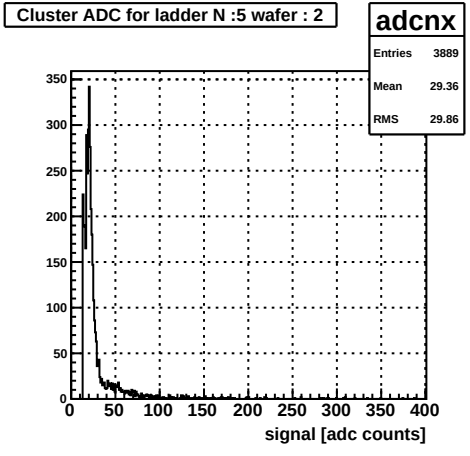

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1502
Mean 31.45
RMS 34.2
signal [adc counts]

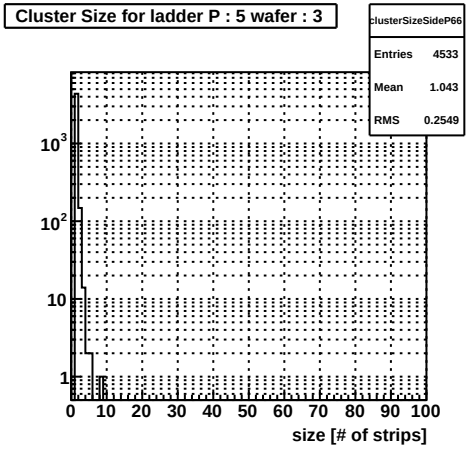

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2019
Mean 1.079
RMS 0.3126
size [# of strips]

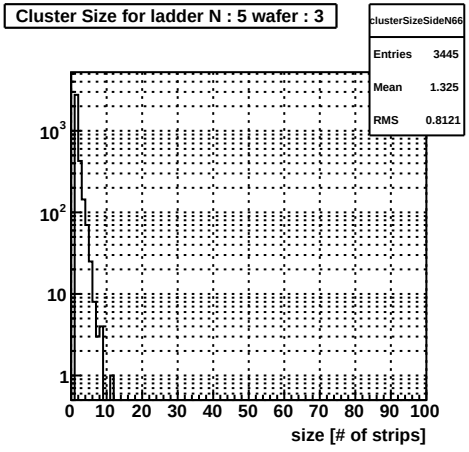

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3889
Mean 1.159
RMS 0.5523
size [# of strips]

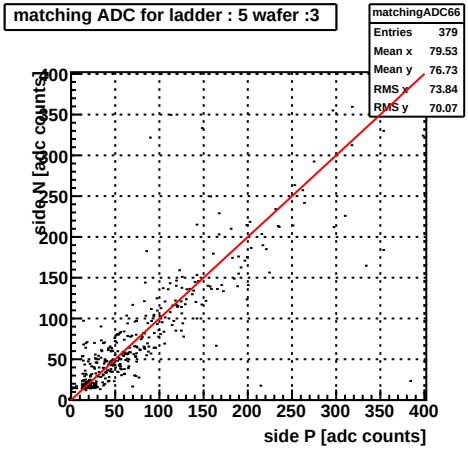

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 199
Mean x 58.74
Mean y 61.95
RMS x 57.11
RMS y 57.02
side N [adc counts]
side P [adc counts]

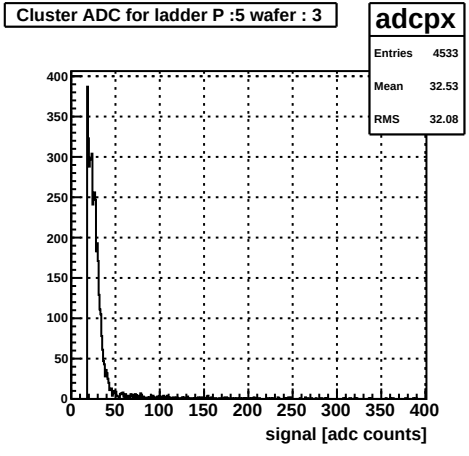

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2019
Mean 33.5
RMS 29.41
signal [adc counts]

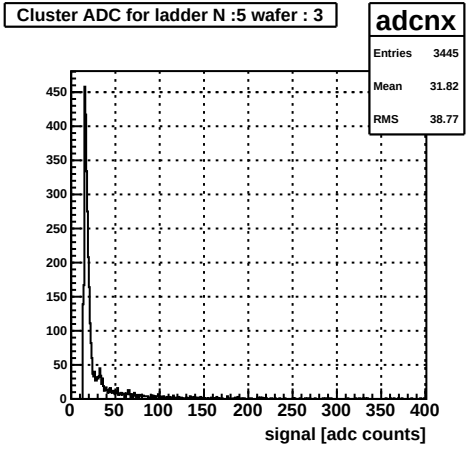

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3889
Mean 29.36
RMS 29.86
signal [adc counts]

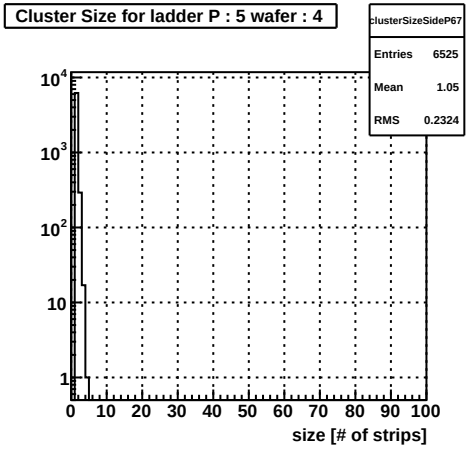

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 4533
Mean 1.043
RMS 0.2549
size [# of strips]

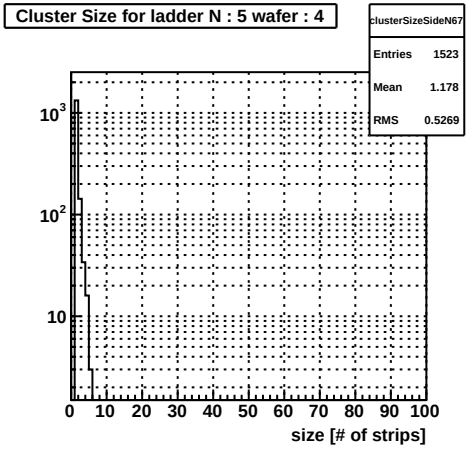

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3445
Mean 1.325
RMS 0.8121
size [# of strips]

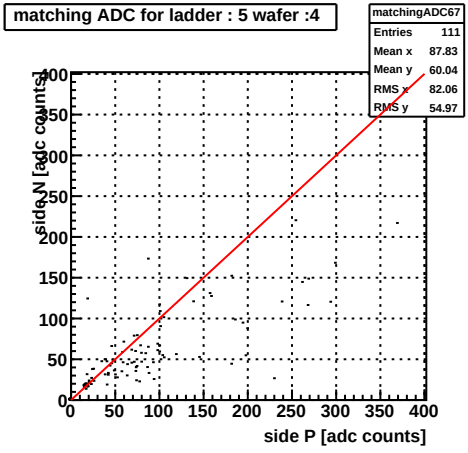

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 379
Mean x 79.53
Mean y 76.73
RMS x 73.84
RMS y 70.07
side N [adc counts]
side P [adc counts]

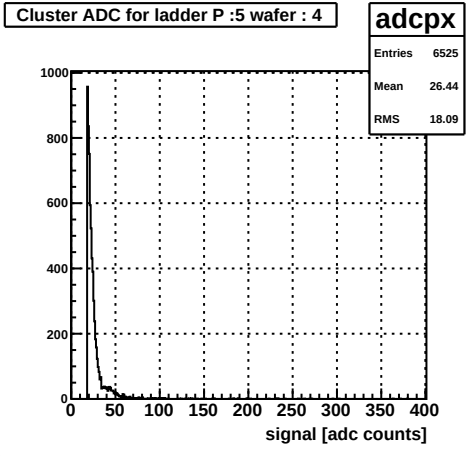

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 4533
Mean 32.53
RMS 32.08
signal [adc counts]

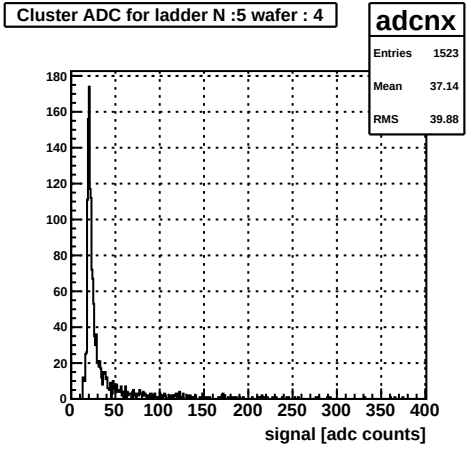

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3445
Mean 31.82
RMS 38.77
signal [adc counts]

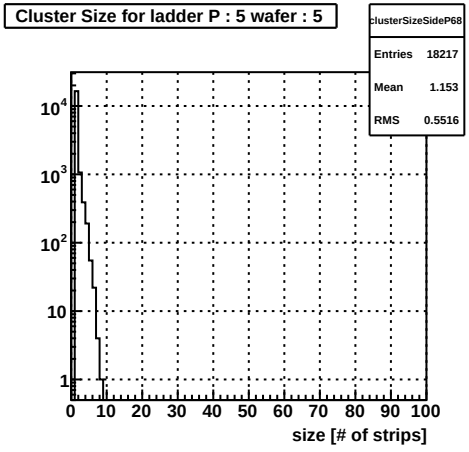

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 6525
Mean 1.05
RMS 0.2324
size [# of strips]

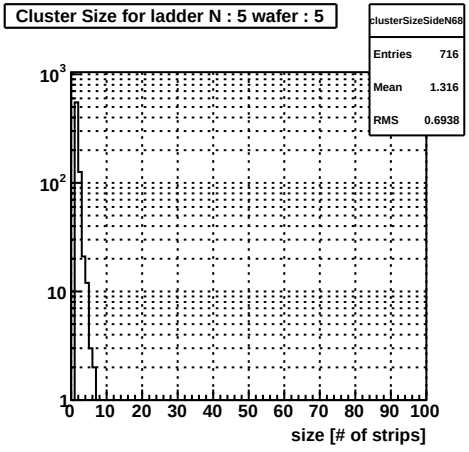

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1523
Mean 1.178
RMS 0.5269
size [# of strips]

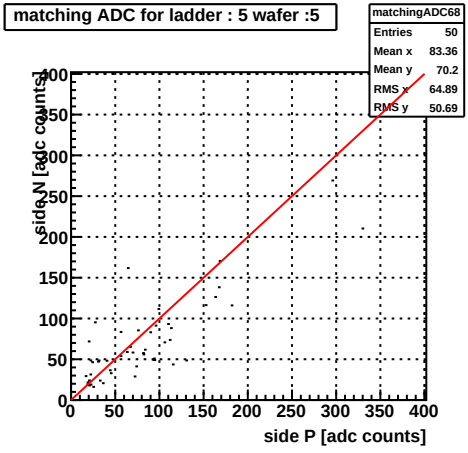

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 111
Mean x 87.83
Mean y 60.04
RMS x 82.06
RMS y 54.97
side N [adc counts]
side P [adc counts]

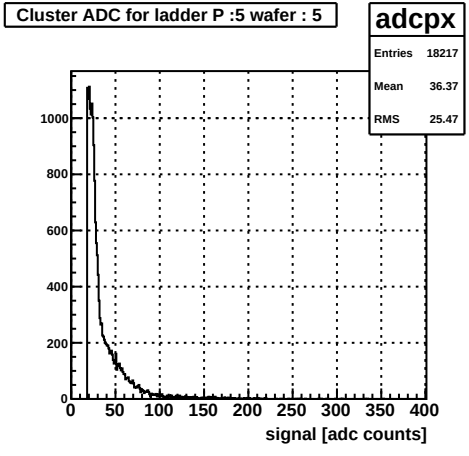

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 6525
Mean 26.44
RMS 18.09
signal [adc counts]

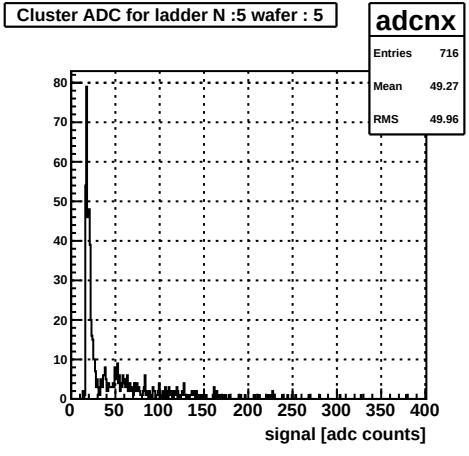

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1523
Mean 37.14
RMS 39.88
signal [adc counts]

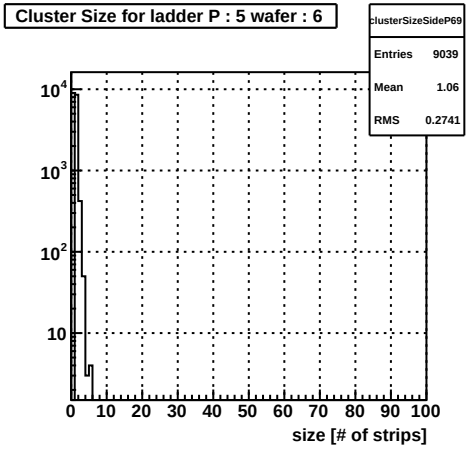

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 18217
Mean 1.153
RMS 0.5516
size [# of strips]

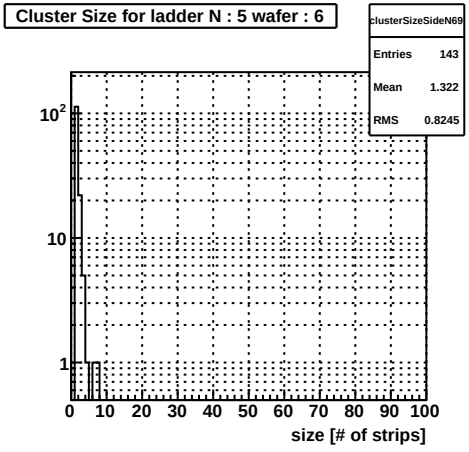

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 716
Mean 1.316
RMS 0.6938
size [# of strips]

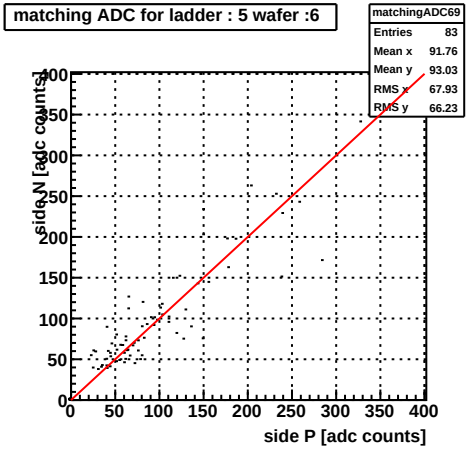

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 50
Mean x 83.36
Mean y 70.2
RMS x 64.89
RMS y 50.69
side N [adc counts]
side P [adc counts]

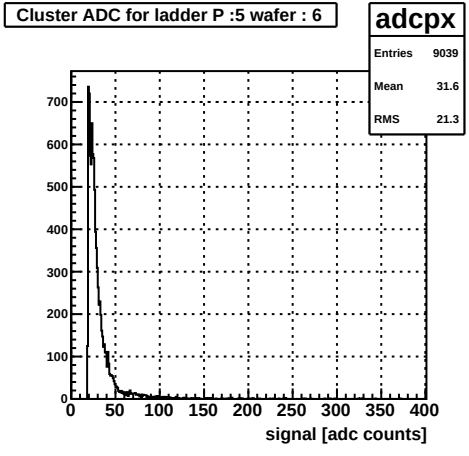

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 18217
Mean 36.37
RMS 25.47
signal [adc counts]

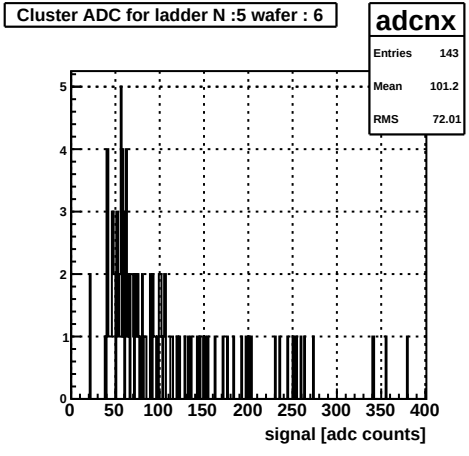

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 716
Mean 49.27
RMS 49.96
signal [adc counts]

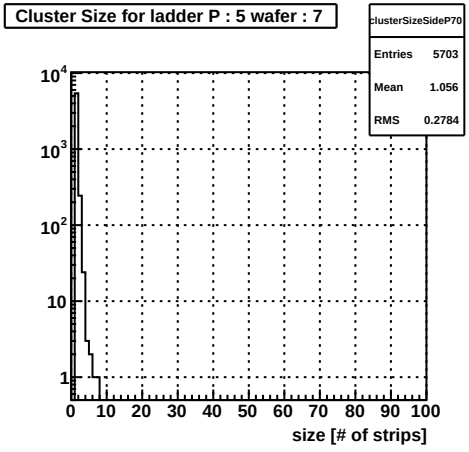

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9039
Mean 1.06
RMS 0.2741
size [# of strips]

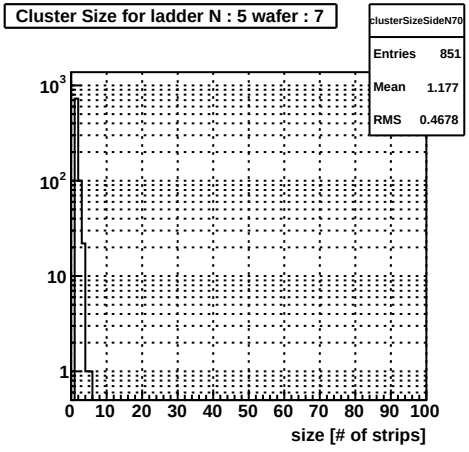

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 143
Mean 1.322
RMS 0.8245
size [# of strips]

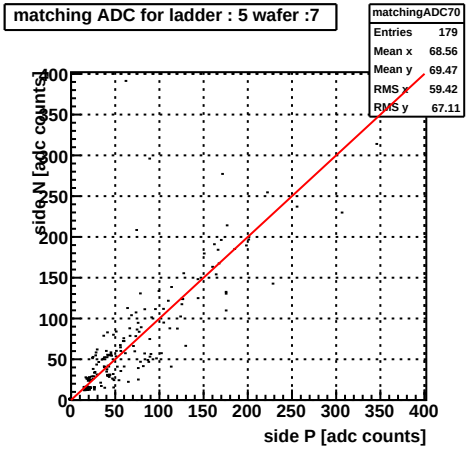

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 83
Mean x 91.76
Mean y 93.03
RMS x 67.93
RMS y 66.23
side N [adc counts]
side P [adc counts]

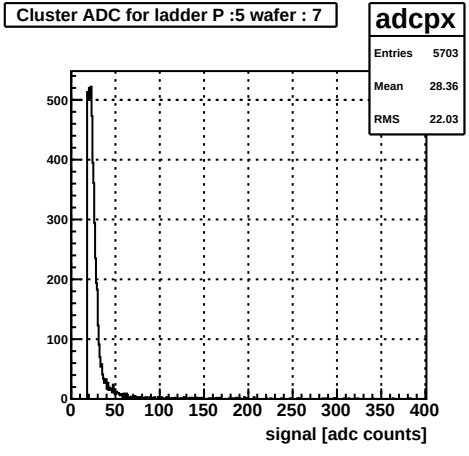

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9039
Mean 31.6
RMS 21.3
signal [adc counts]

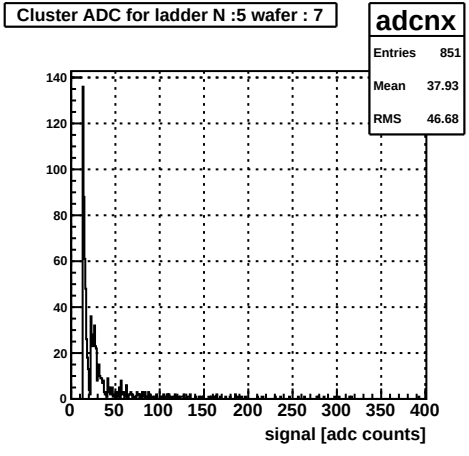

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 143
Mean 101.2
RMS 72.01
signal [adc counts]

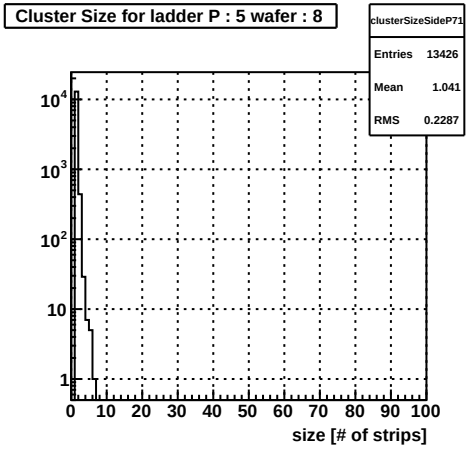

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 5703
Mean 1.056
RMS 0.2784
size [# of strips]

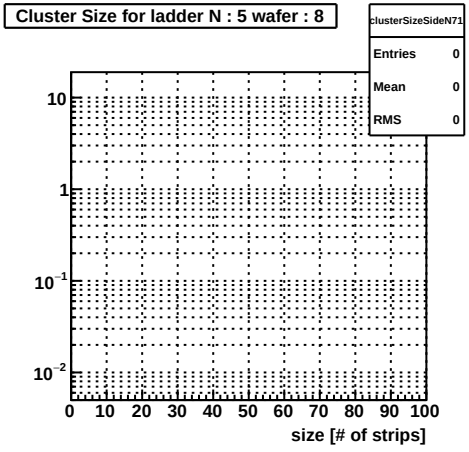

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 851
Mean 1.177
RMS 0.4678
size [# of strips]

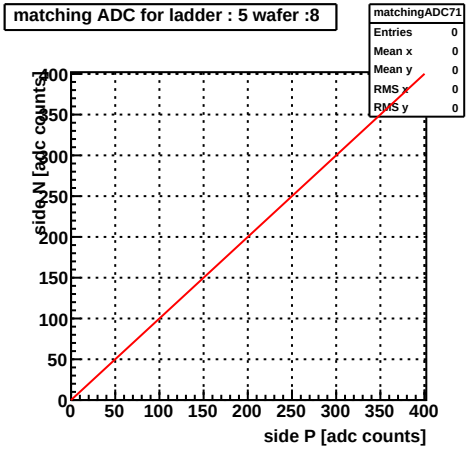

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 179
Mean x 68.56
Mean y 69.47
RMS x 59.42
RMS y 67.11
side N [adc counts]
side P [adc counts]

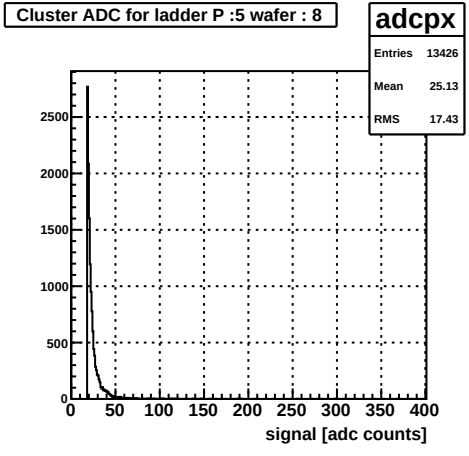

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 5703
Mean 28.36
RMS 22.03
signal [adc counts]

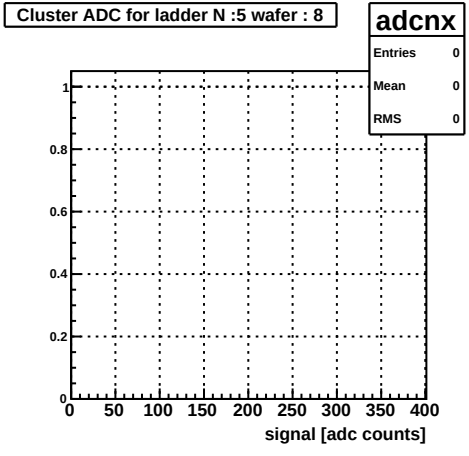

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 851
Mean 37.93
RMS 46.68
signal [adc counts]

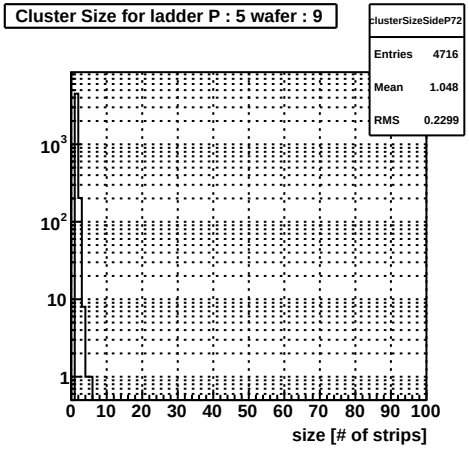

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13426
Mean 1.041
RMS 0.2287
size [# of strips]

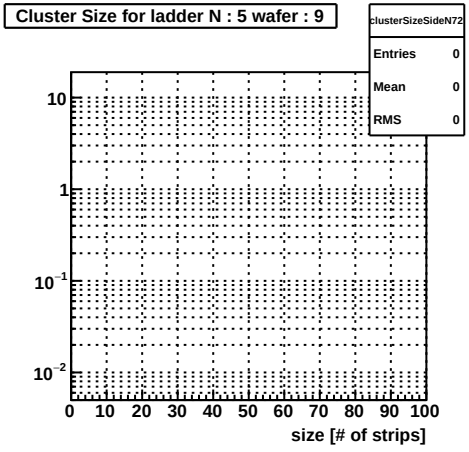

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

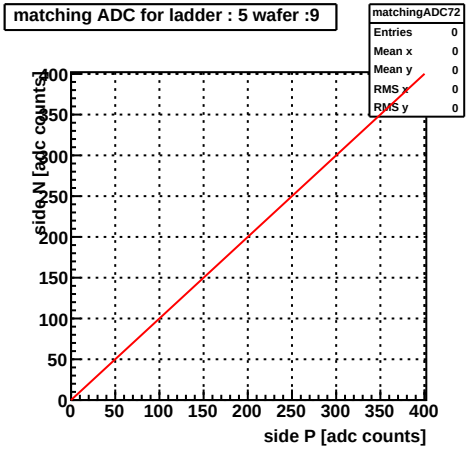

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

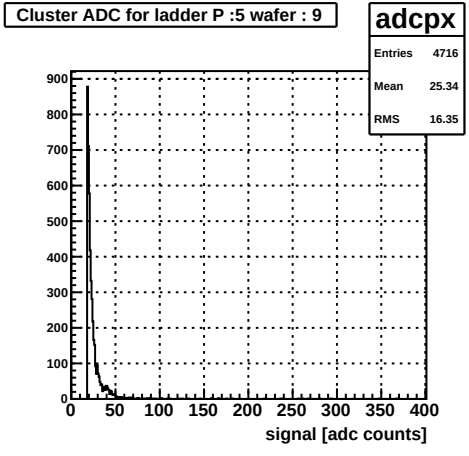

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13426
Mean 25.13
RMS 17.43
signal [adc counts]

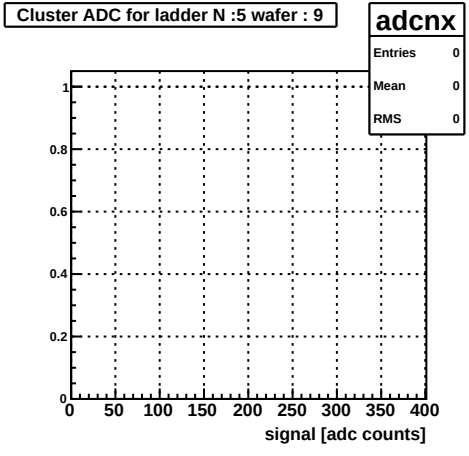

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

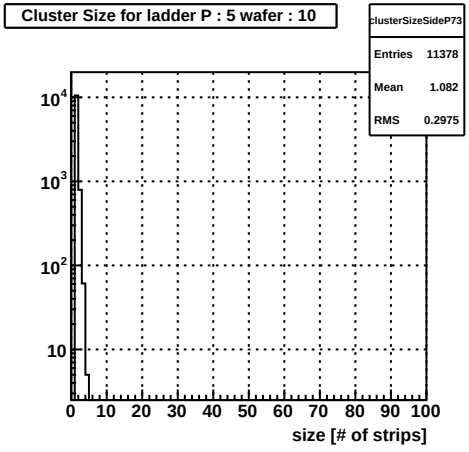

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4716
Mean 1.048
RMS 0.2299
size [# of strips]

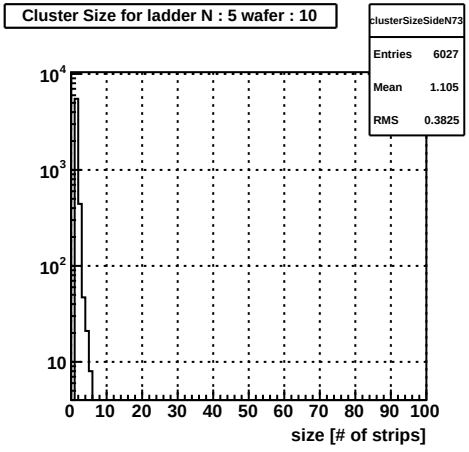

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

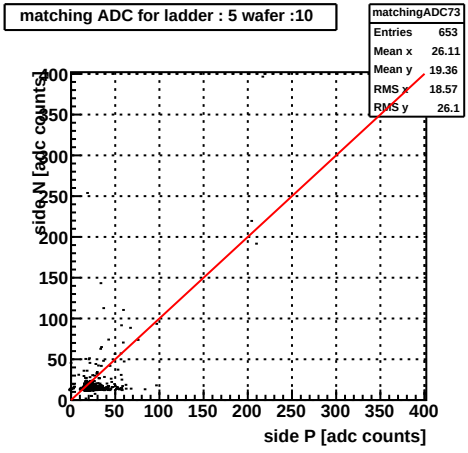

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

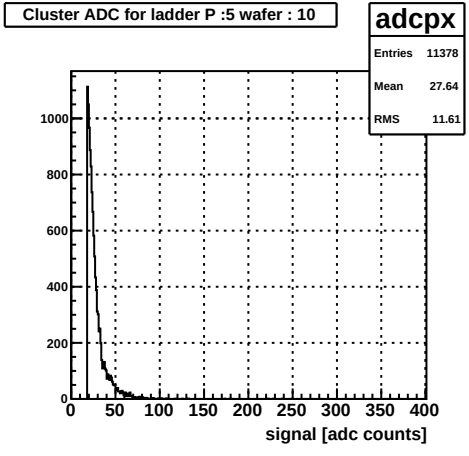

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4716
Mean 25.34
RMS 16.35
signal [adc counts]

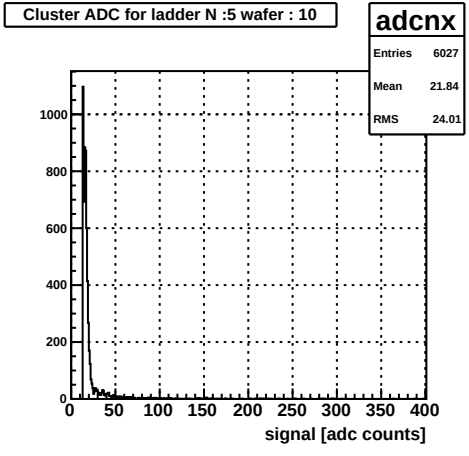

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

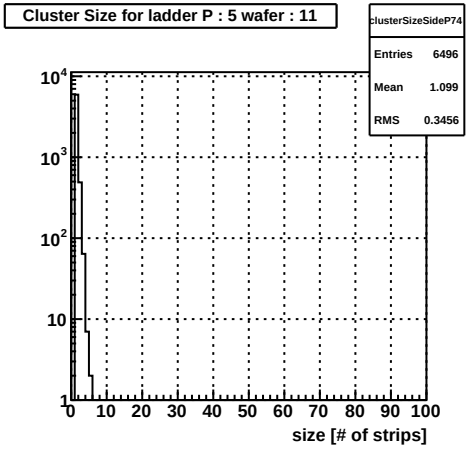

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11378
Mean 1.082
RMS 0.2975
size [# of strips]

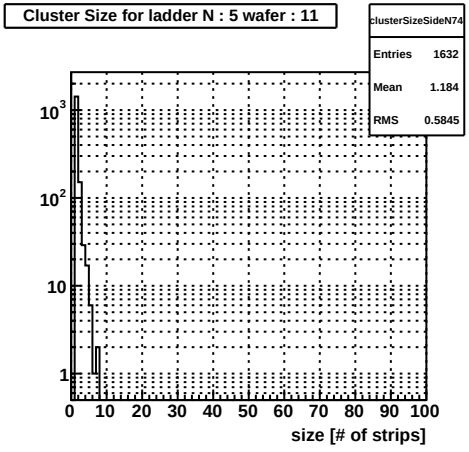

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6027
Mean 1.105
RMS 0.3825
size [# of strips]

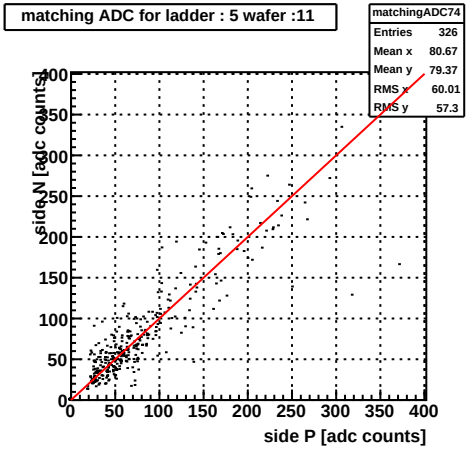

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 653
Mean x 26.11
Mean y 19.36
RMS x 18.57
RMS y 26.1
side N [adc counts]
side P [adc counts]

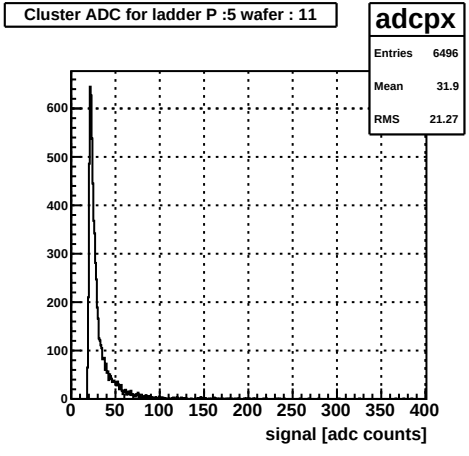

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11378
Mean 27.64
RMS 11.61
signal [adc counts]

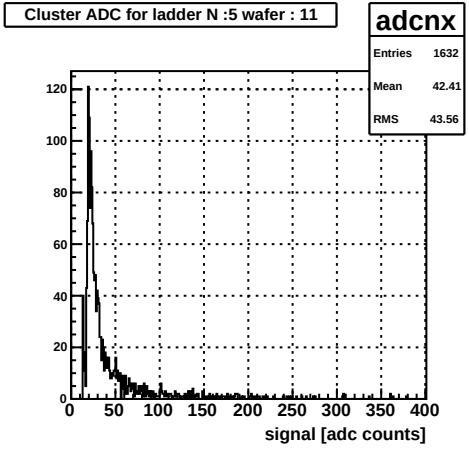

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6027
Mean 21.84
RMS 24.01
signal [adc counts]

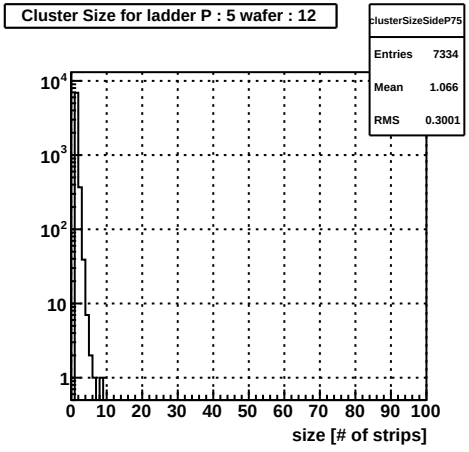

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6496
Mean 1.099
RMS 0.3456
size [# of strips]

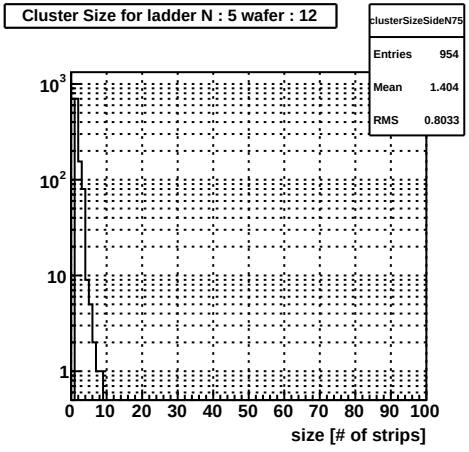

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1632
Mean 1.184
RMS 0.5845
size [# of strips]

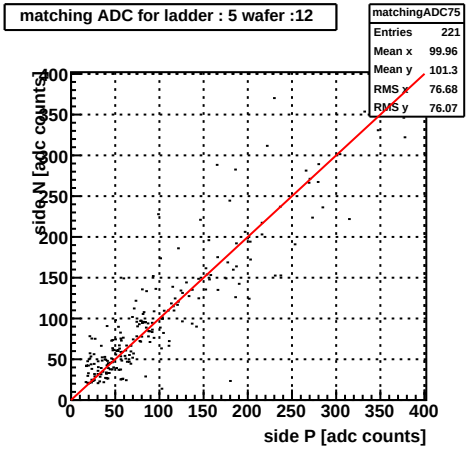

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 326
Mean x 80.67
Mean y 79.37
RMS x 60.01
RMS y 57.3
side N [adc counts]
side P [adc counts]

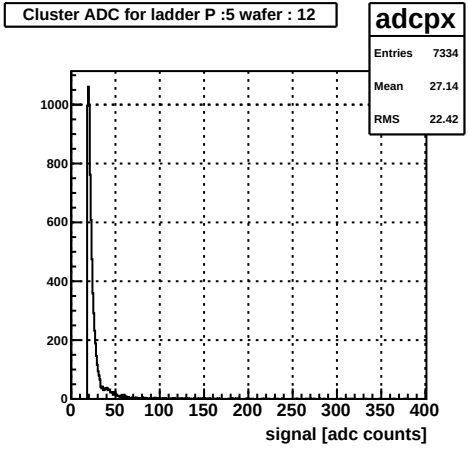

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6496
Mean 31.9
RMS 21.27
signal [adc counts]

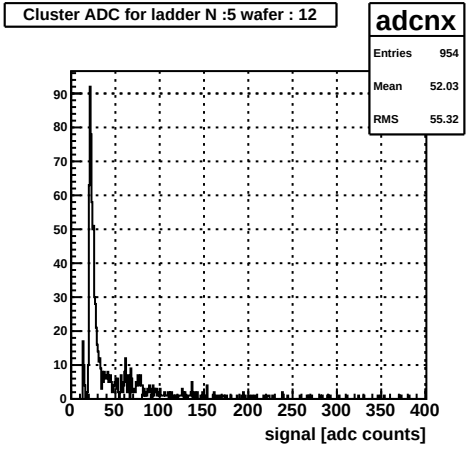

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1632
Mean 42.41
RMS 43.56
signal [adc counts]

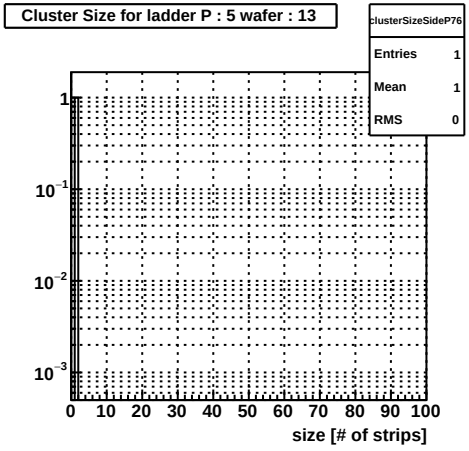

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7334
Mean 1.066
RMS 0.3001
size [# of strips]

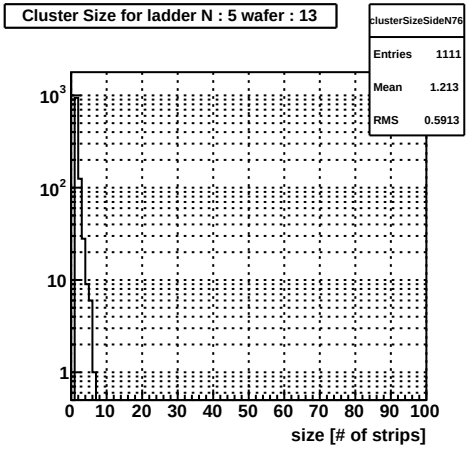

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 954
Mean 1.404
RMS 0.8033
size [# of strips]

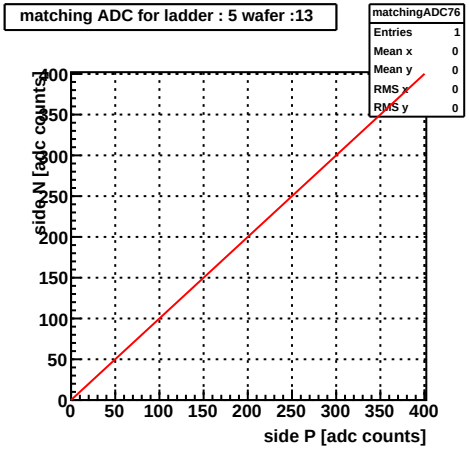

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 221
Mean x 99.96
Mean y 101.3
RMS x 76.68
RMS y 76.07
side N [adc counts]
side P [adc counts]

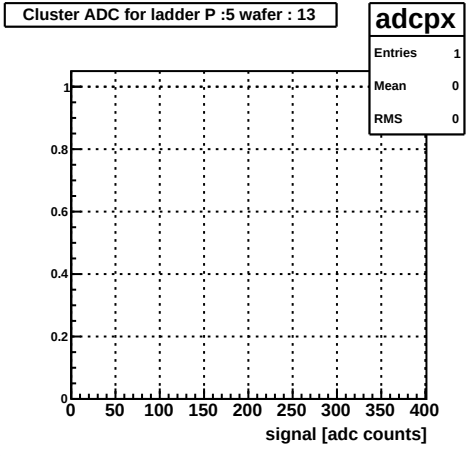

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7334
Mean 27.14
RMS 22.42
signal [adc counts]

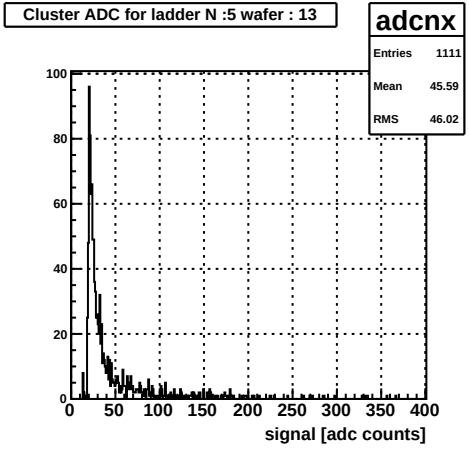

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 954
Mean 52.03
RMS 55.32
signal [adc counts]

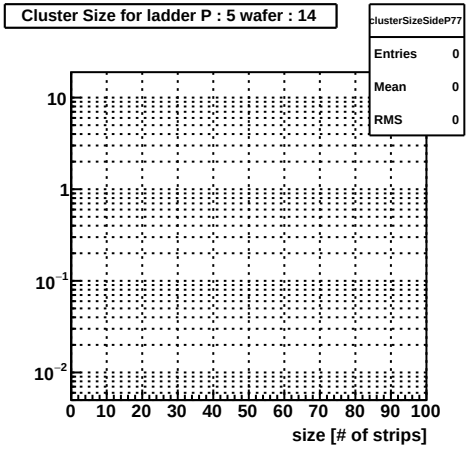

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

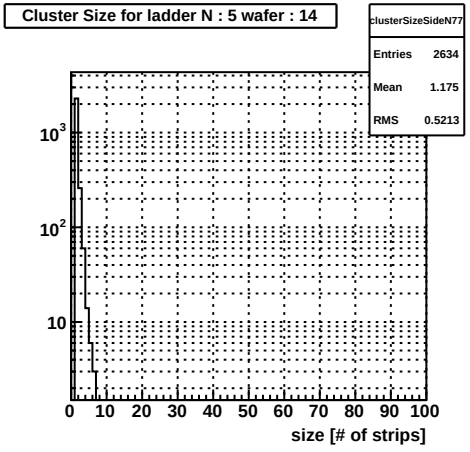

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1111
Mean 1.213
RMS 0.5913
size [# of strips]

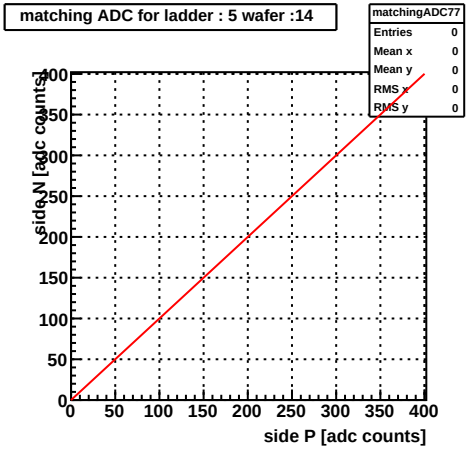

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

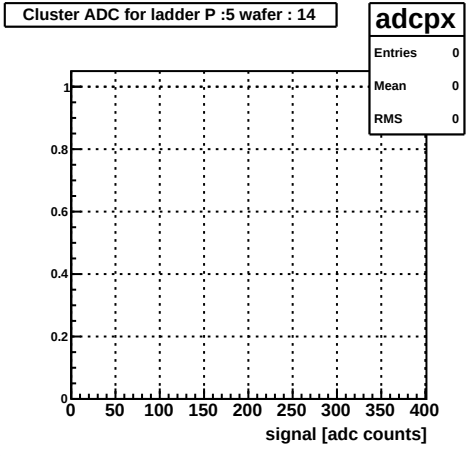

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

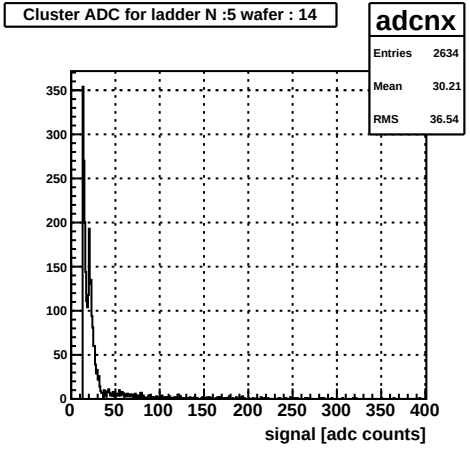

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1111
Mean 45.59
RMS 46.02
signal [adc counts]

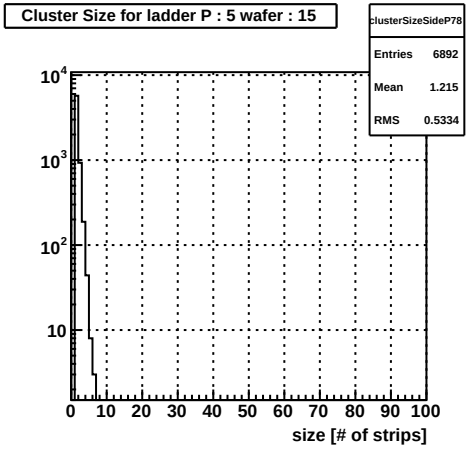

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

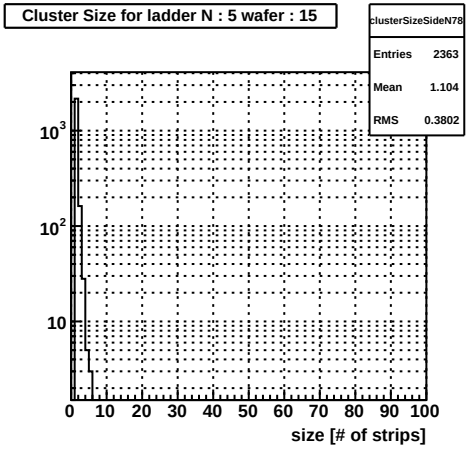

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2634
Mean 1.175
RMS 0.5213
size [# of strips]

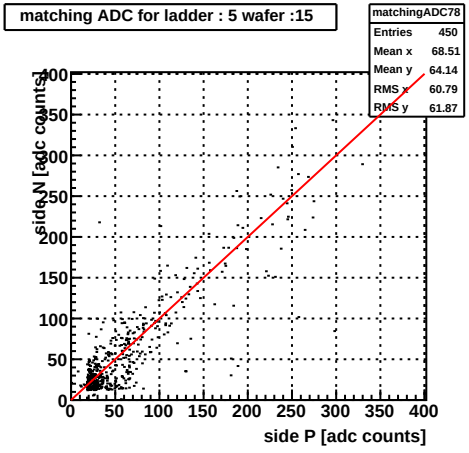

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

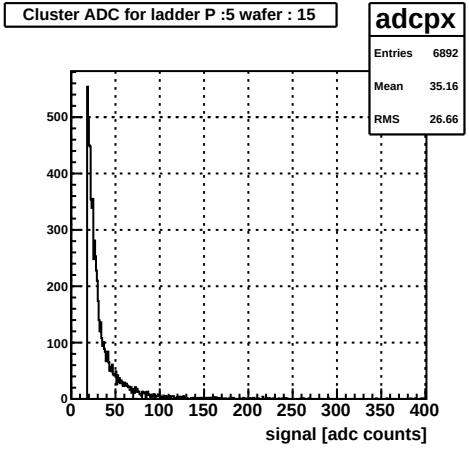

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

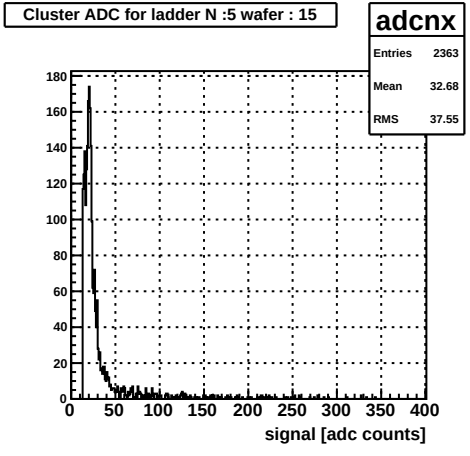

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2634
Mean 30.21
RMS 36.54
signal [adc counts]

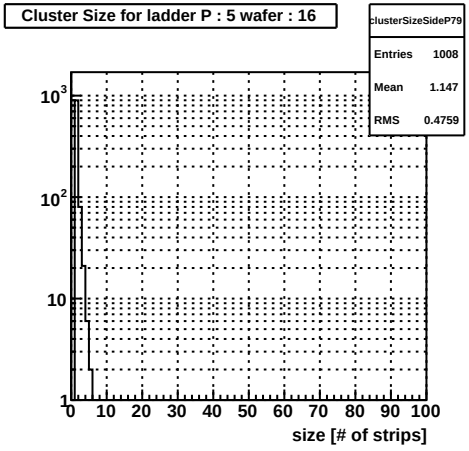

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6892
Mean 1.215
RMS 0.5334
size [# of strips]

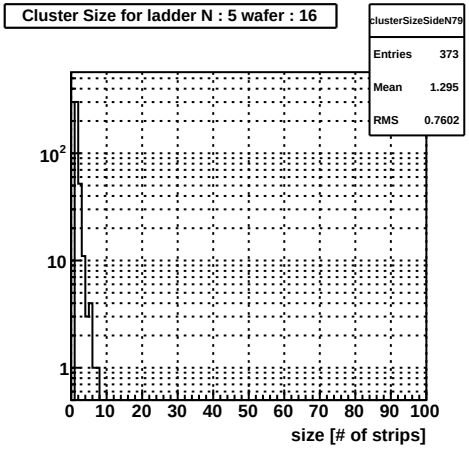

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2363
Mean 1.104
RMS 0.3802
size [# of strips]

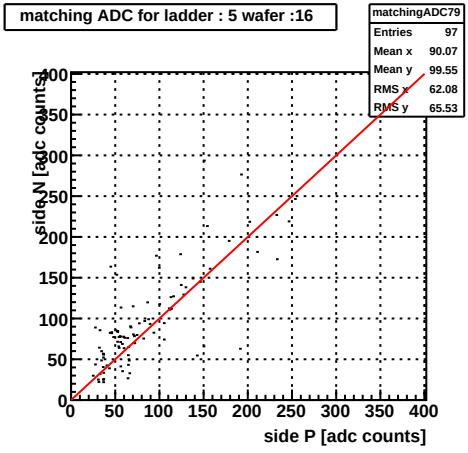

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 450
Mean x 68.51
Mean y 64.14
RMS x 60.79
RMS y 61.87
side N [adc counts]
side P [adc counts]

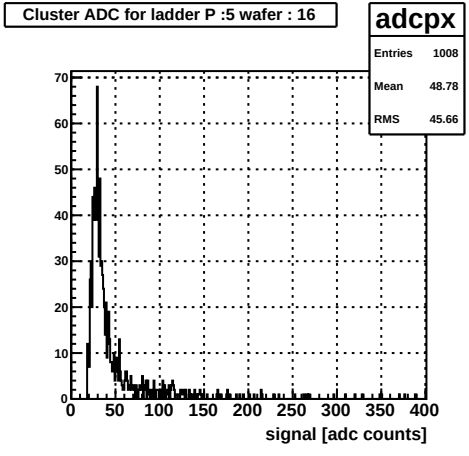

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6892
Mean 35.16
RMS 26.66
signal [adc counts]

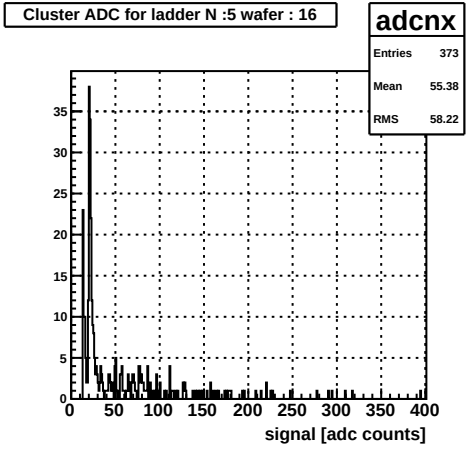

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2363
Mean 32.68
RMS 37.55
signal [adc counts]

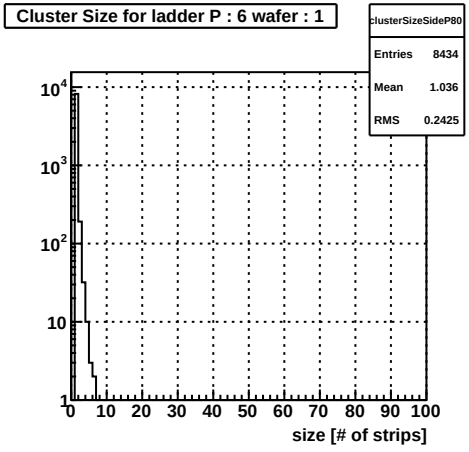

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1008
Mean 1.147
RMS 0.4759
size [# of strips]

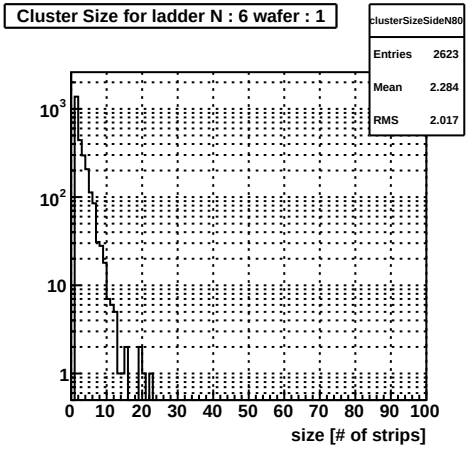

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 373
Mean 1.295
RMS 0.7602
size [# of strips]

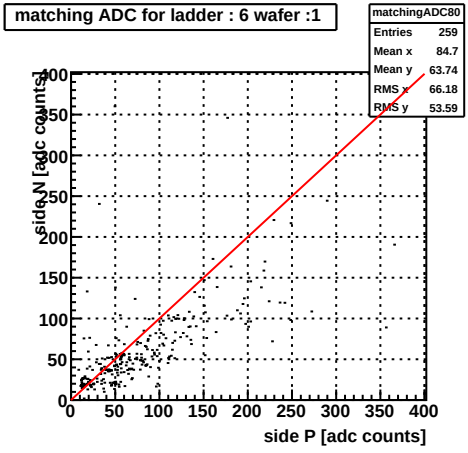

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 97
Mean x 90.07
Mean y 99.55
RMS x 62.08
RMS y 65.53
side N [adc counts]
side P [adc counts]

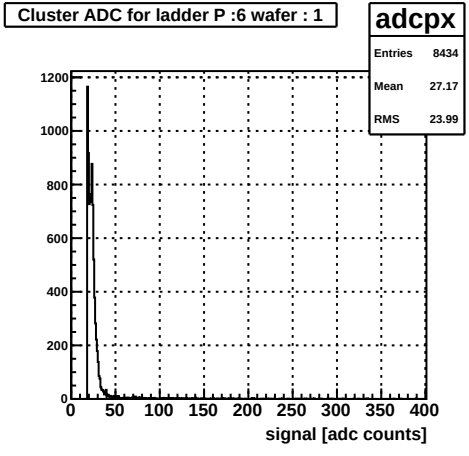

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1008
Mean 48.78
RMS 45.66
signal [adc counts]

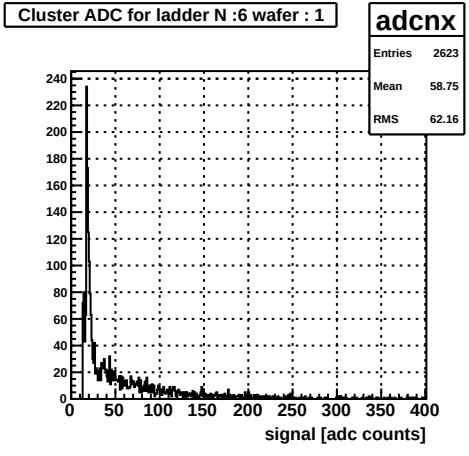

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 373
Mean 55.38
RMS 58.22
signal [adc counts]

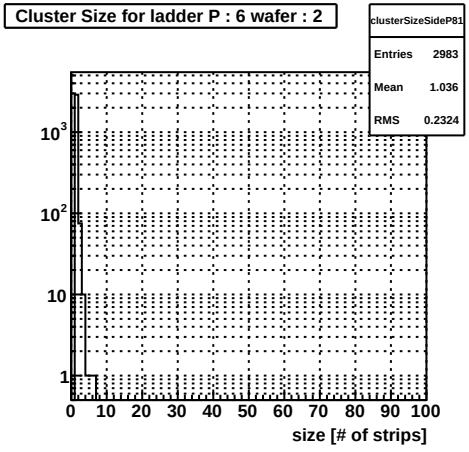

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8434
Mean 1.036
RMS 0.2425
size [# of strips]

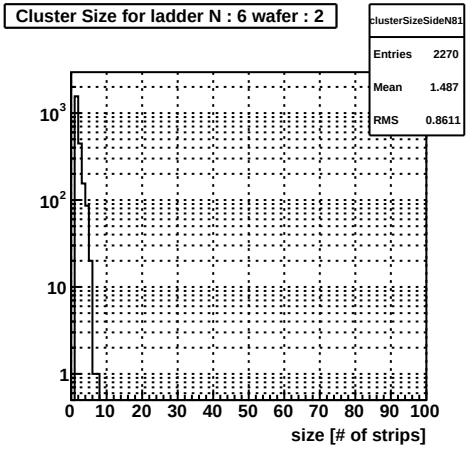

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2623
Mean 2.284
RMS 2.017
size [# of strips]

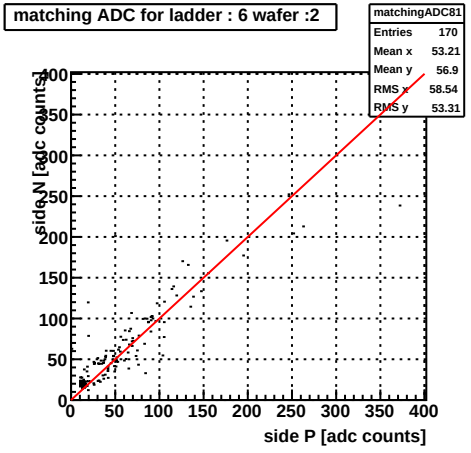

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 259
Mean x 84.7
Mean y 63.74
RMS x 66.18
RMS y 53.59
side N [adc counts]
side P [adc counts]

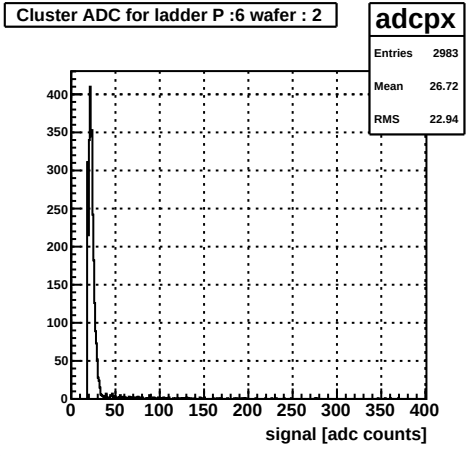

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8434
Mean 27.17
RMS 23.99
signal [adc counts]

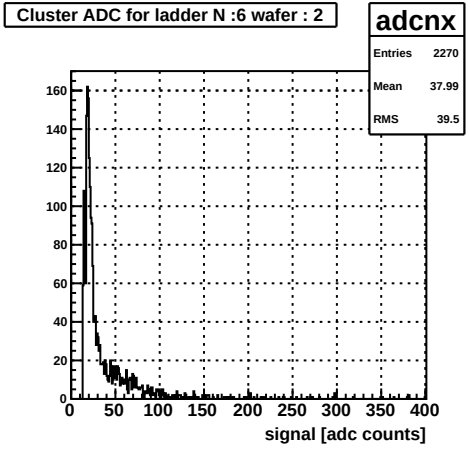

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2623
Mean 58.75
RMS 62.16
signal [adc counts]

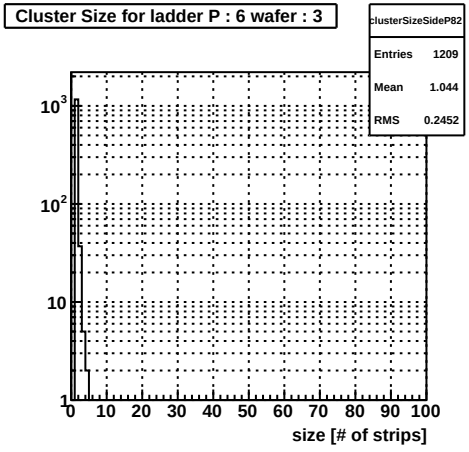

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2983
Mean 1.036
RMS 0.2324
size [# of strips]

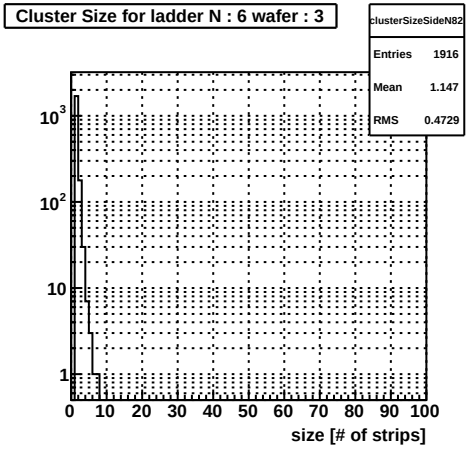

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2270
Mean 1.487
RMS 0.8611
size [# of strips]

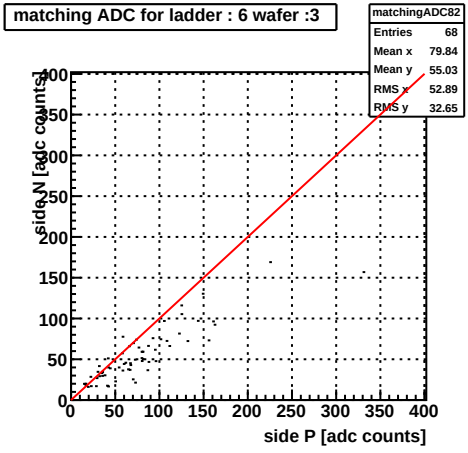

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 170
Mean x 53.21
Mean y 56.9
RMS x 58.54
RMS y 53.31
side N [adc counts]
side P [adc counts]

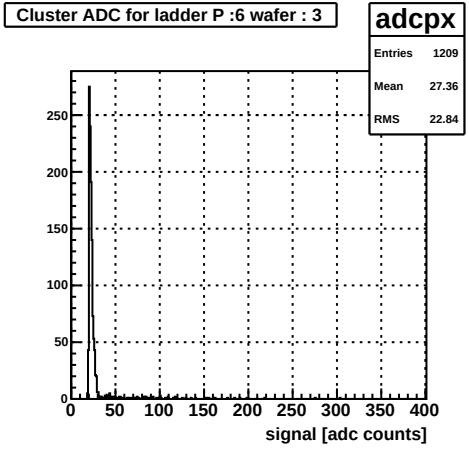

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2983
Mean 26.72
RMS 22.94
signal [adc counts]

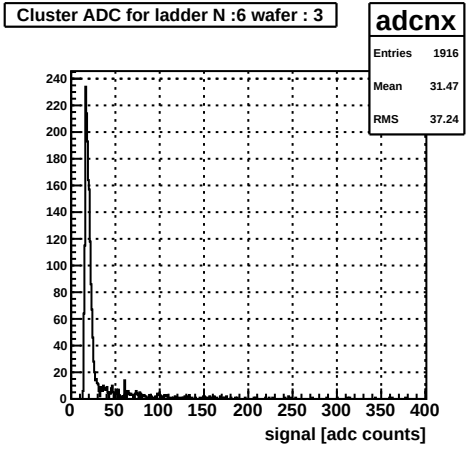

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2270
Mean 37.99
RMS 39.5
signal [adc counts]

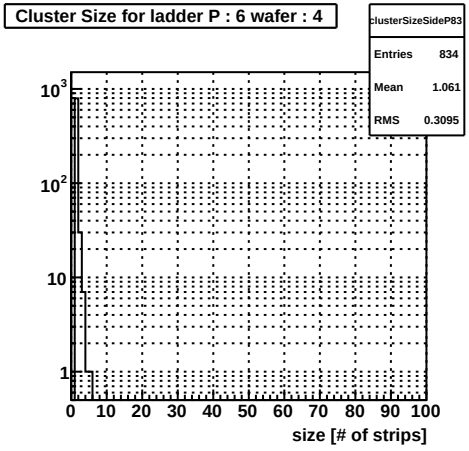

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1209
Mean 1.044
RMS 0.2452
size [# of strips]

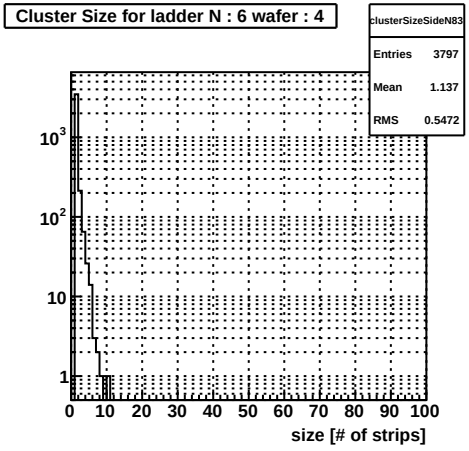

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1916
Mean 1.147
RMS 0.4729
size [# of strips]

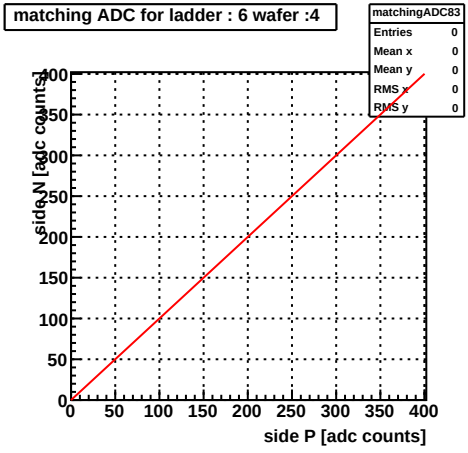

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 68
Mean x 79.84
Mean y 55.03
RMS x 52.89
RMS y 32.65
side N [adc counts]
side P [adc counts]

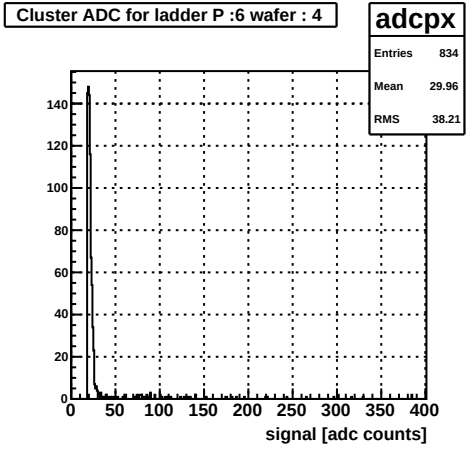

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1209
Mean 27.36
RMS 22.84
signal [adc counts]

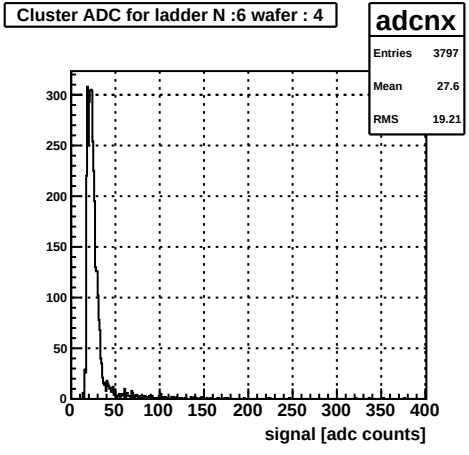

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1916
Mean 31.47
RMS 37.24
signal [adc counts]

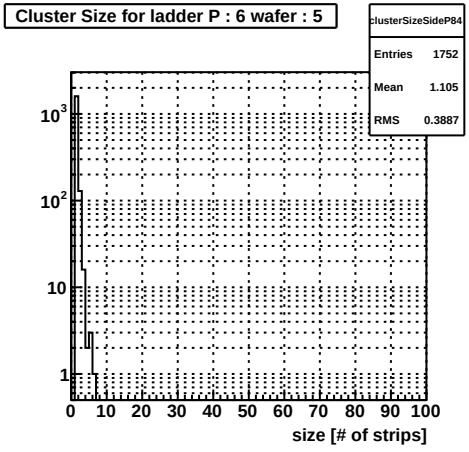

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 834
Mean 1.061
RMS 0.3095
size [# of strips]

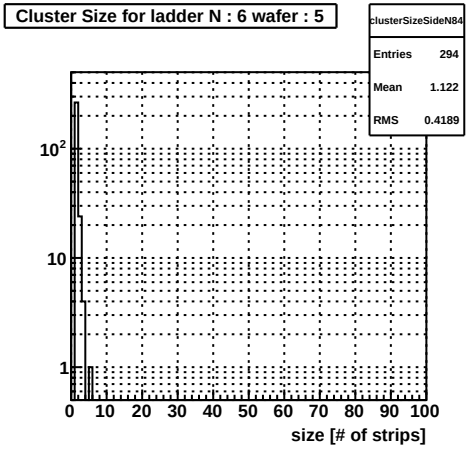

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3797
Mean 1.137
RMS 0.5472
size [# of strips]

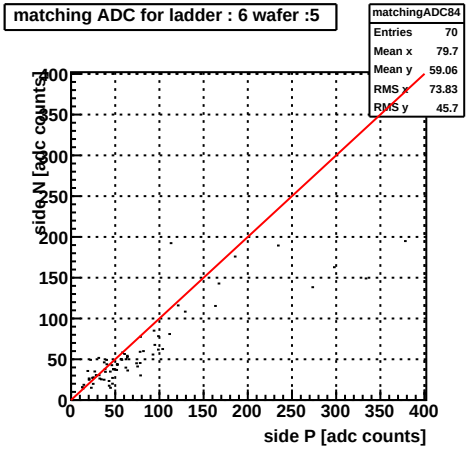

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

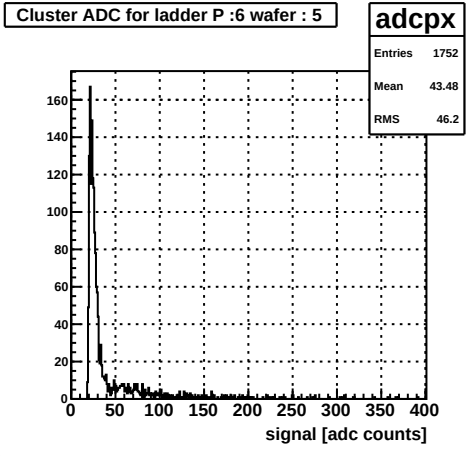

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 834
Mean 29.96
RMS 38.21
signal [adc counts]

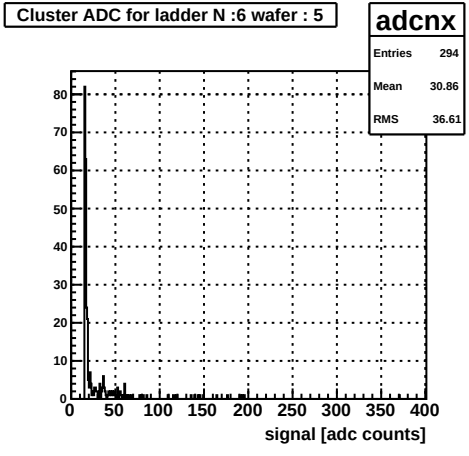

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3797
Mean 27.6
RMS 19.21
signal [adc counts]

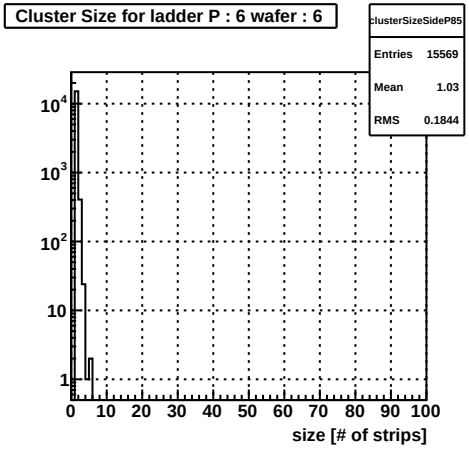

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1752
Mean 1.105
RMS 0.3887
size [# of strips]

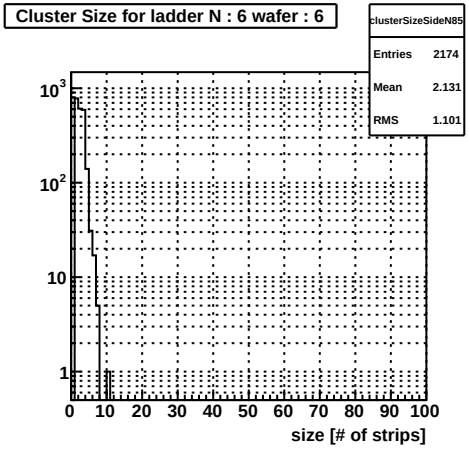

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 294
Mean 1.122
RMS 0.4189
size [# of strips]

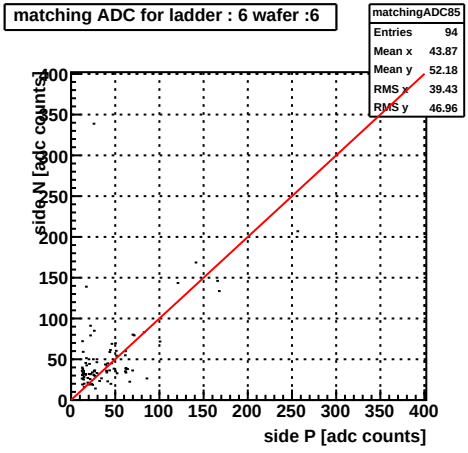

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 70
Mean x 79.7
Mean y 59.06
RMS x 73.83
RMS y 45.7
side N [adc counts]
side P [adc counts]

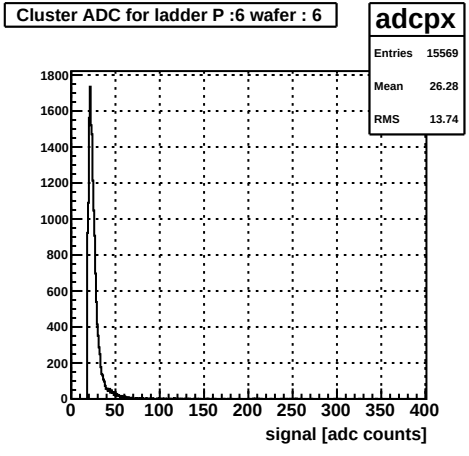

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1752
Mean 43.48
RMS 46.2
signal [adc counts]

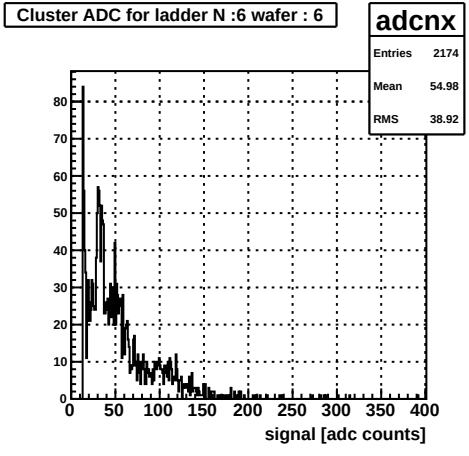

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 294
Mean 30.86
RMS 36.61
signal [adc counts]

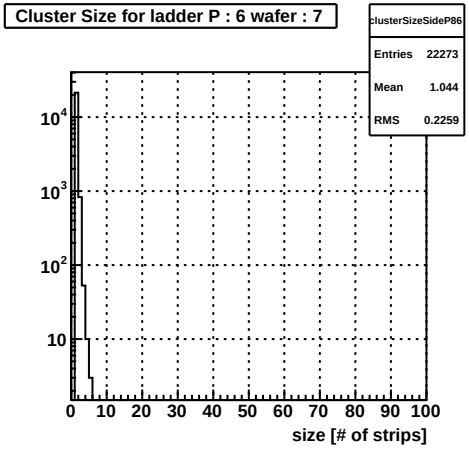

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15569
Mean 1.03
RMS 0.1844
size [# of strips]

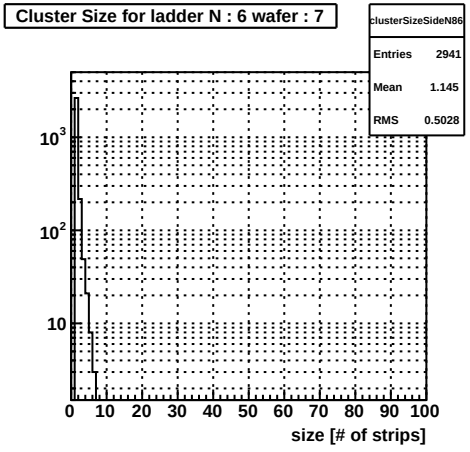

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2174
Mean 2.131
RMS 1.101
size [# of strips]

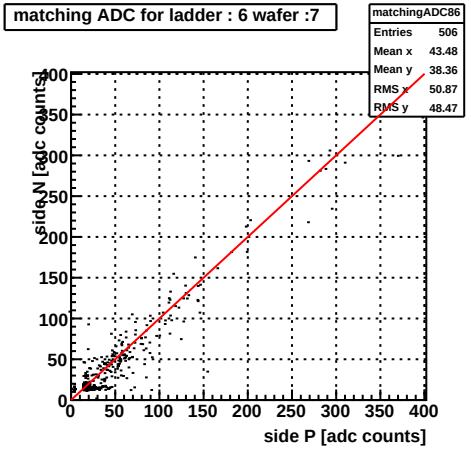

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 94
Mean x 43.87
Mean y 52.18
RMS x 39.43
RMS y 46.96
side N [adc counts]
side P [adc counts]

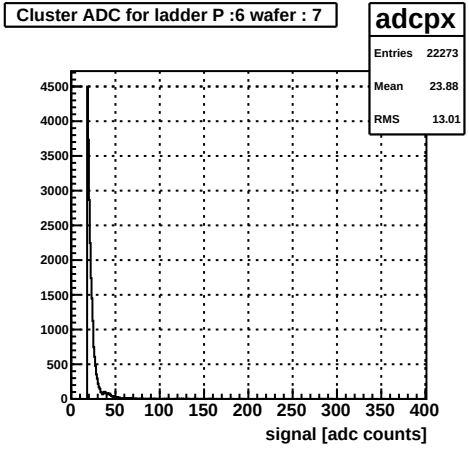

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15569
Mean 26.28
RMS 13.74
signal [adc counts]

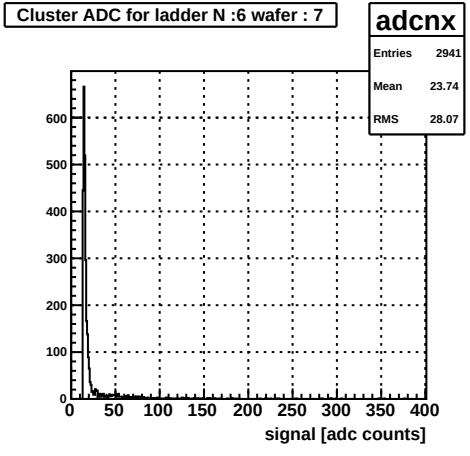

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2174
Mean 54.98
RMS 38.92
signal [adc counts]

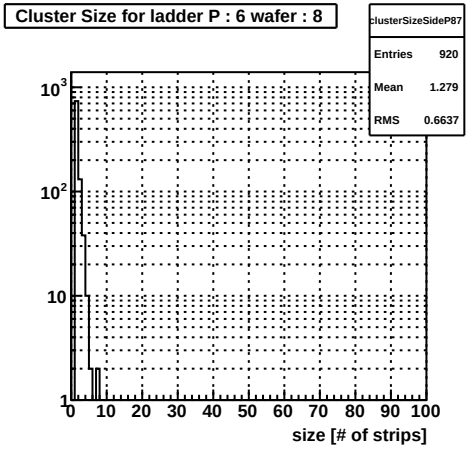

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 22273
Mean 1.044
RMS 0.2259
size [# of strips]

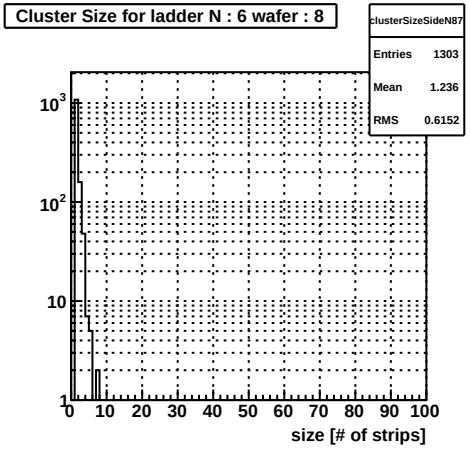

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2941
Mean 1.145
RMS 0.5028
size [# of strips]

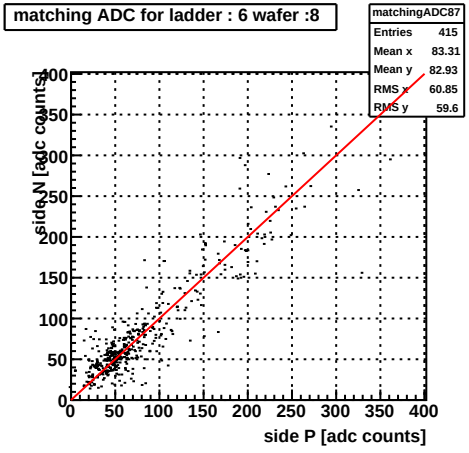

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 506
Mean x 43.48
Mean y 38.36
RMS x 50.87
RMS y 48.47
side N [adc counts]
side P [adc counts]

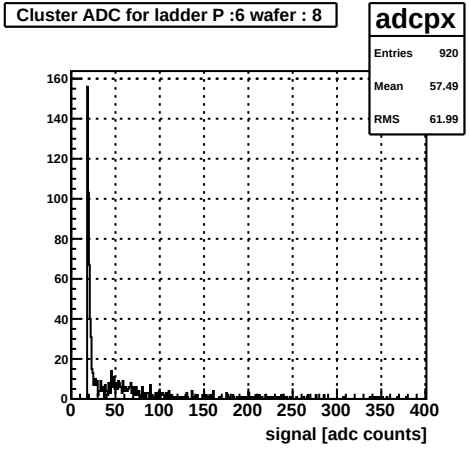

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 22273
Mean 23.88
RMS 13.01
signal [adc counts]

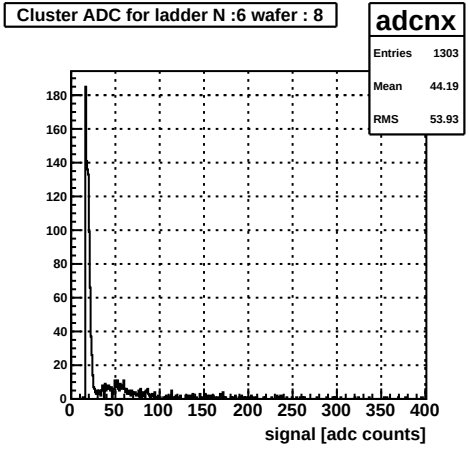

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2941
Mean 23.74
RMS 28.07
signal [adc counts]

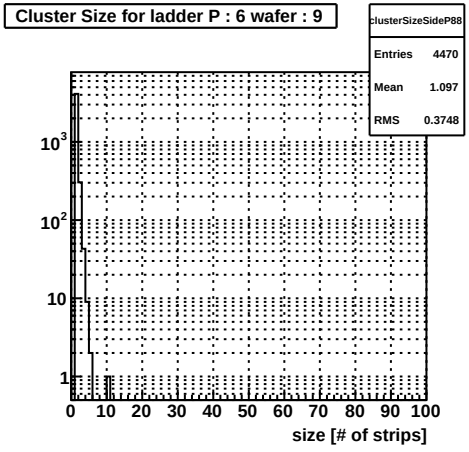

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 920
Mean 1.279
RMS 0.6637
size [# of strips]

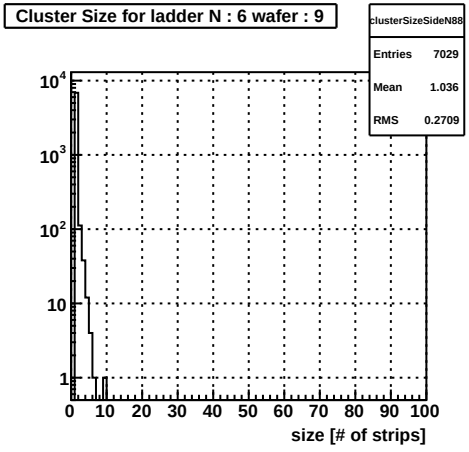

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1303
Mean 1.236
RMS 0.6152
size [# of strips]

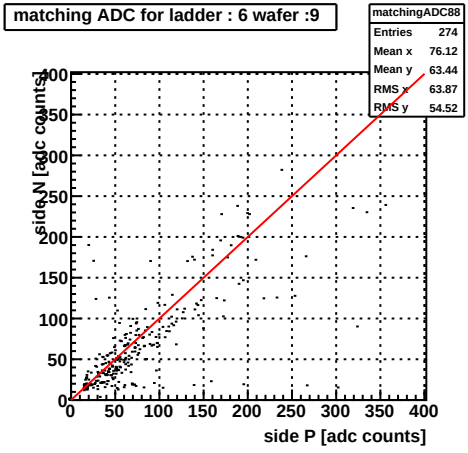

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 415
Mean x 83.31
Mean y 82.93
RMS x 60.85
RMS y 59.6
side N [adc counts]
side P [adc counts]

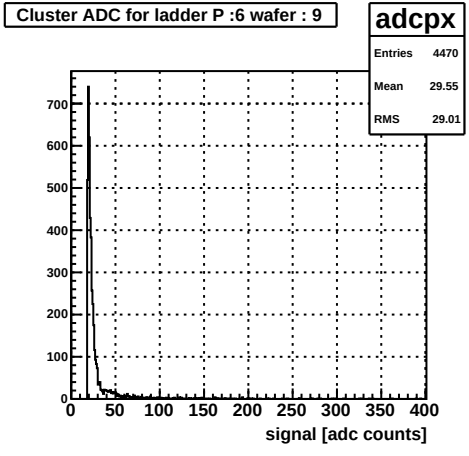

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 920
Mean 57.49
RMS 61.99
signal [adc counts]

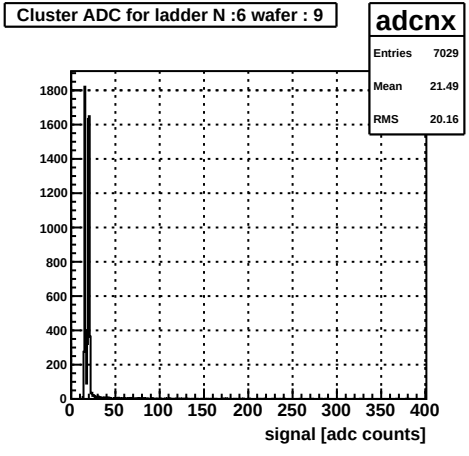

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1303
Mean 44.19
RMS 53.93
signal [adc counts]

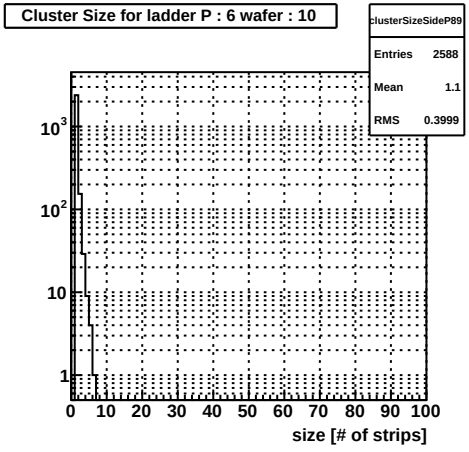

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4470
Mean 1.097
RMS 0.3748
size [# of strips]

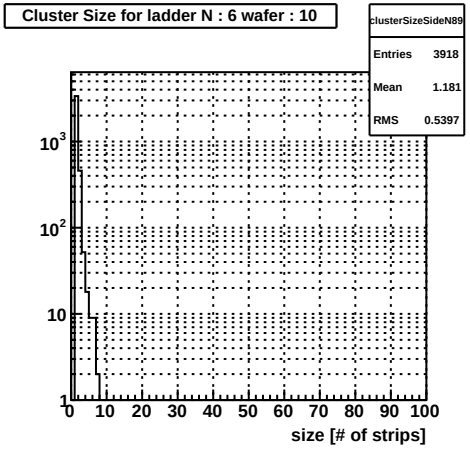

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 7029
Mean 1.036
RMS 0.2709
size [# of strips]

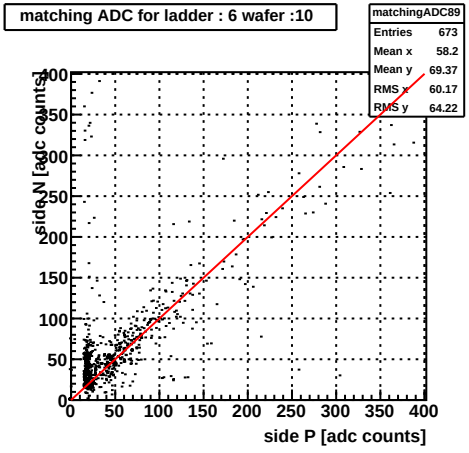

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 274
Mean x 76.12
Mean y 63.44
RMS x 63.87
RMS y 54.52
side N [adc counts]
side P [adc counts]

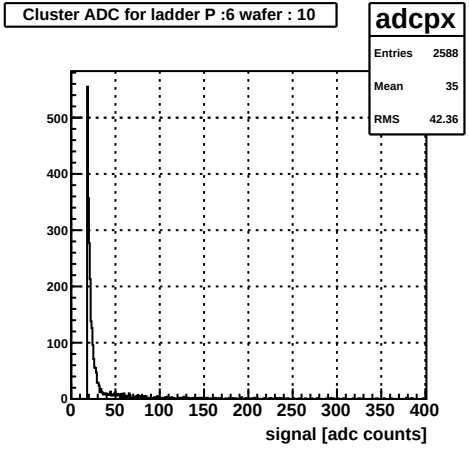

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4470
Mean 29.55
RMS 29.01
signal [adc counts]

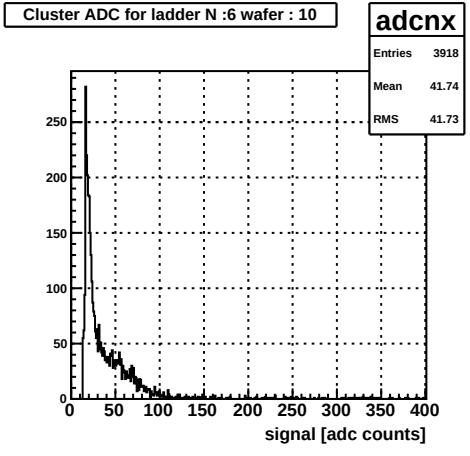

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 7029
Mean 21.49
RMS 20.16
signal [adc counts]

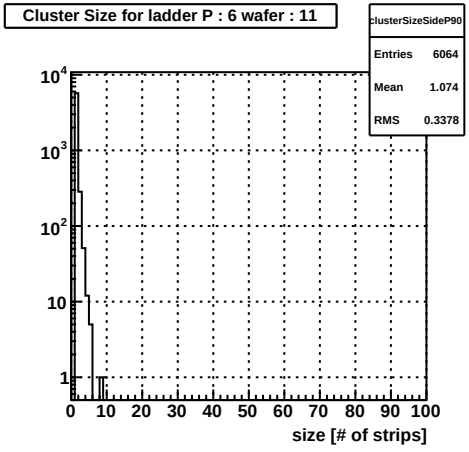

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2588
Mean 1.1
RMS 0.3999
size [# of strips]

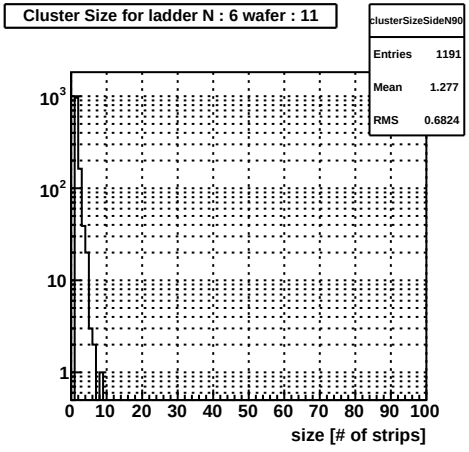

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3918
Mean 1.181
RMS 0.5397
size [# of strips]

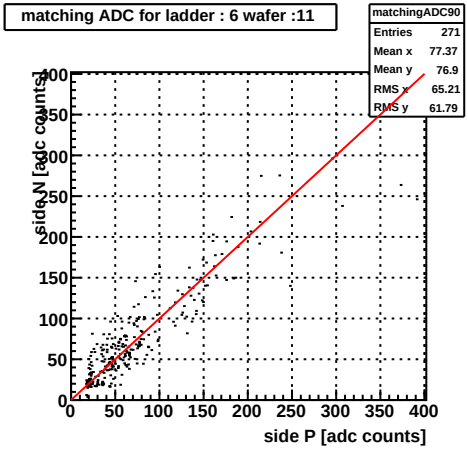

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 673
Mean x 58.2
Mean y 69.37
RMS x 60.17
RMS y 64.22
side N [adc counts]
side P [adc counts]

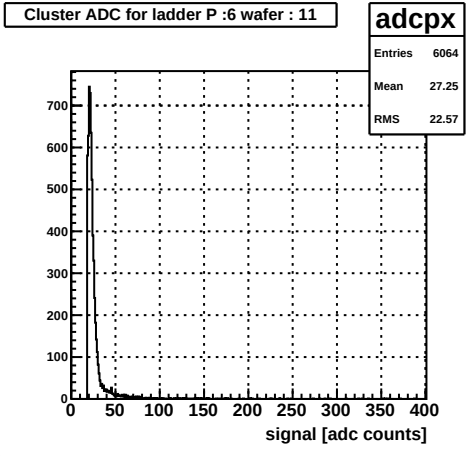

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2588
Mean 35
RMS 42.36
signal [adc counts]

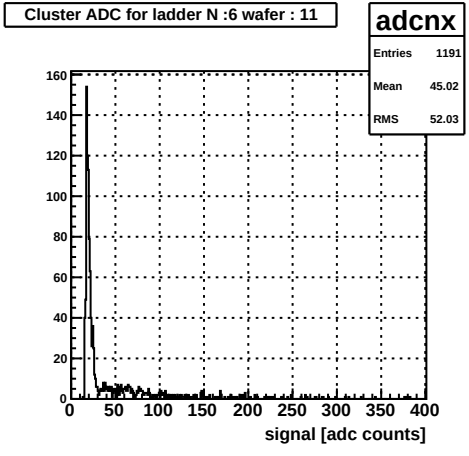

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3918
Mean 41.74
RMS 41.73
signal [adc counts]

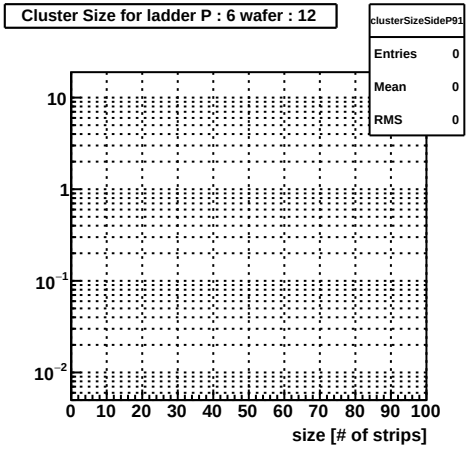

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6064
Mean 1.074
RMS 0.3378
size [# of strips]

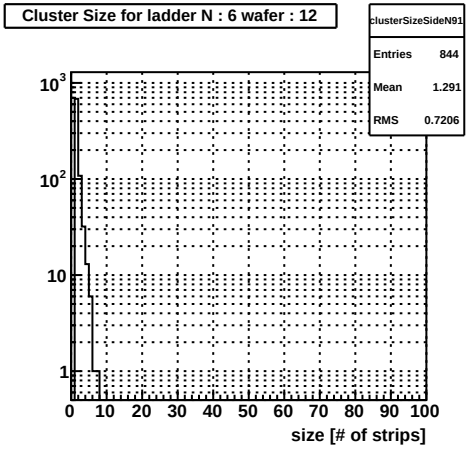

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1191
Mean 1.277
RMS 0.6824
size [# of strips]

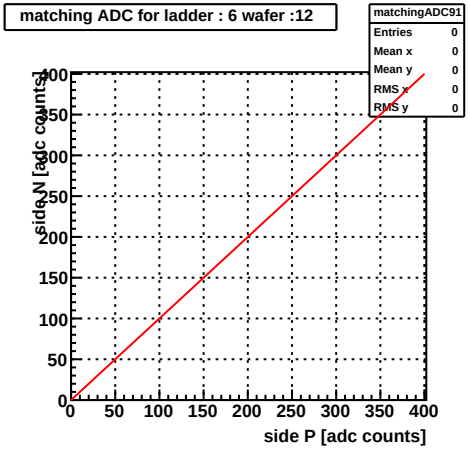

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 271
Mean x 77.37
Mean y 76.9
RMS x 65.21
RMS y 61.79
side N [adc counts]
side P [adc counts]

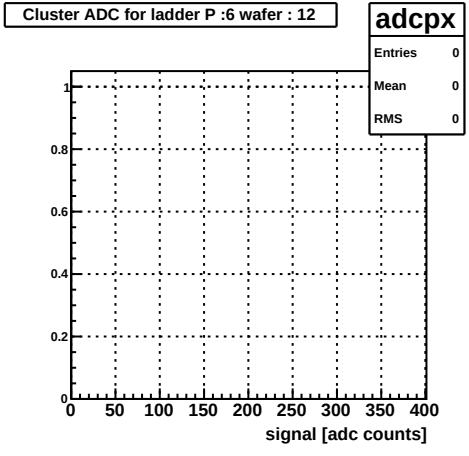

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6064
Mean 27.25
RMS 22.57
signal [adc counts]

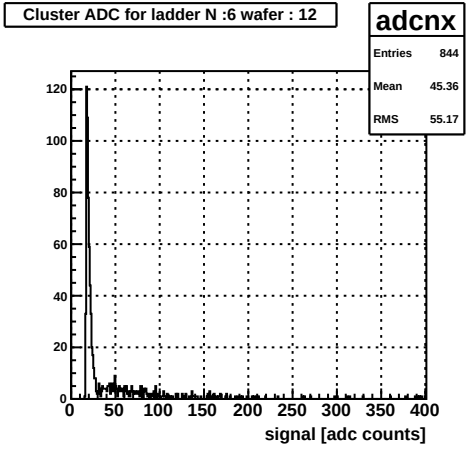

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1191
Mean 45.02
RMS 52.03
signal [adc counts]

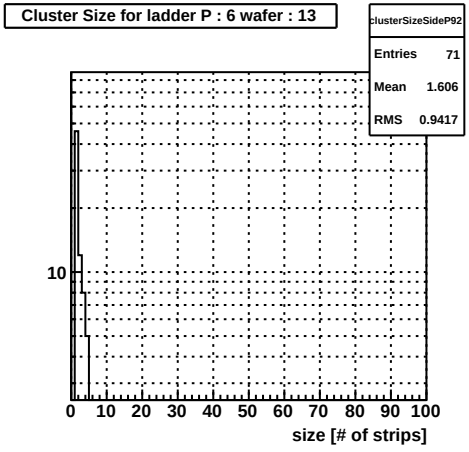

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

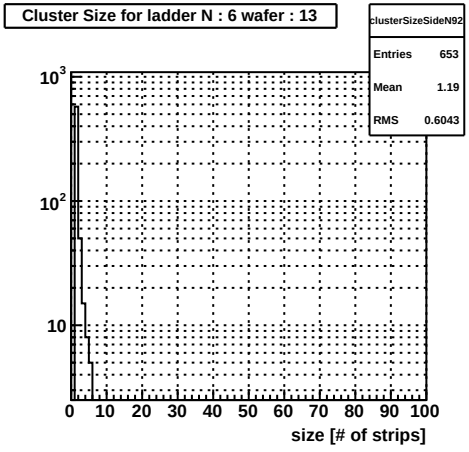

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 844
Mean 1.291
RMS 0.7206
size [# of strips]

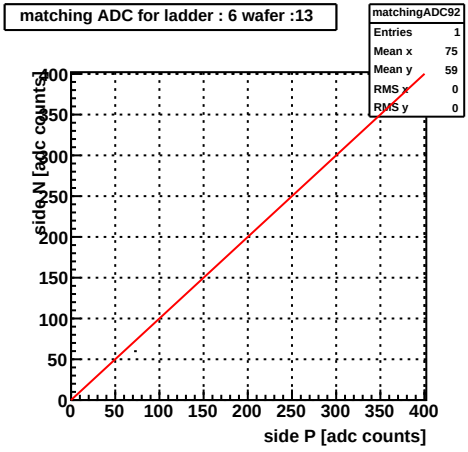

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

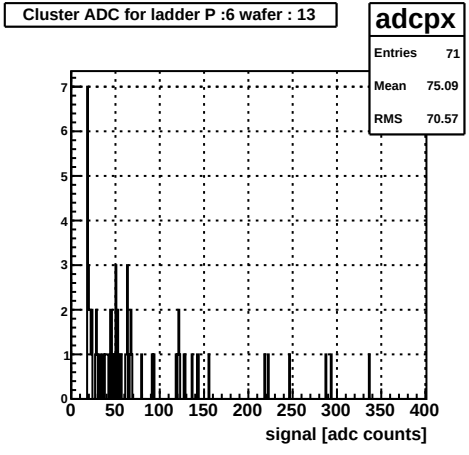

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

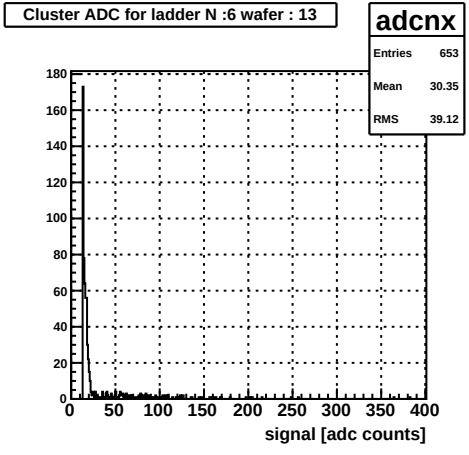

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 844
Mean 45.36
RMS 55.17
signal [adc counts]

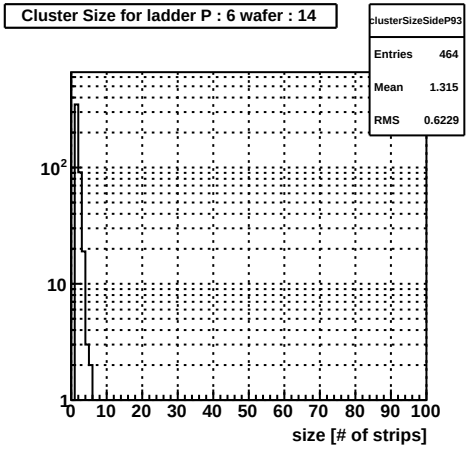

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 71
Mean 1.606
RMS 0.9417
size [# of strips]

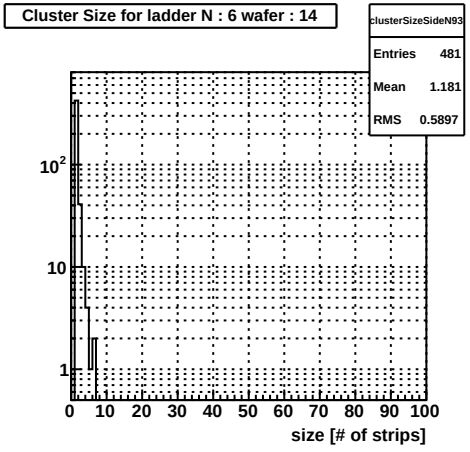

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 653
Mean 1.19
RMS 0.6043
size [# of strips]

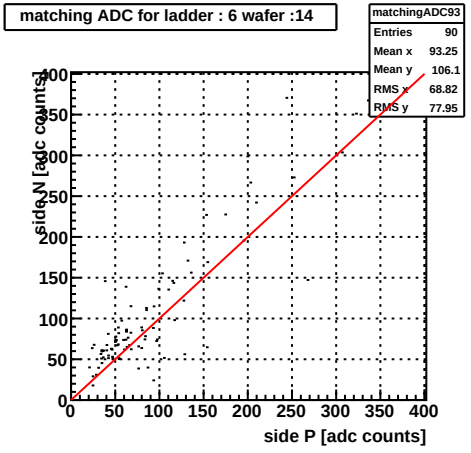

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 75
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

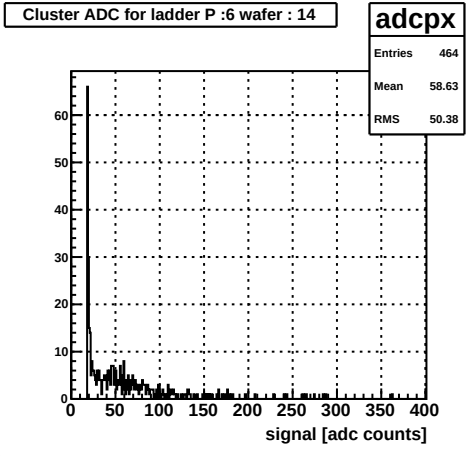

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 71
Mean 75.09
RMS 70.57
signal [adc counts]

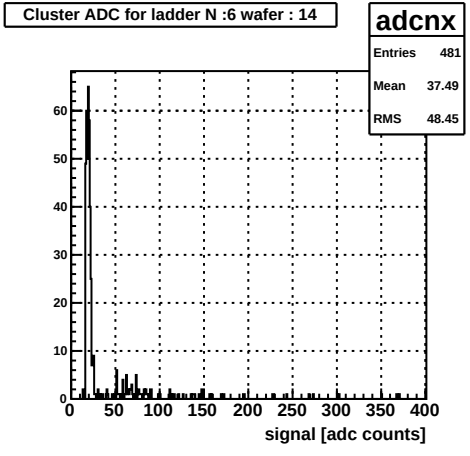

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 653
Mean 30.35
RMS 39.12
signal [adc counts]

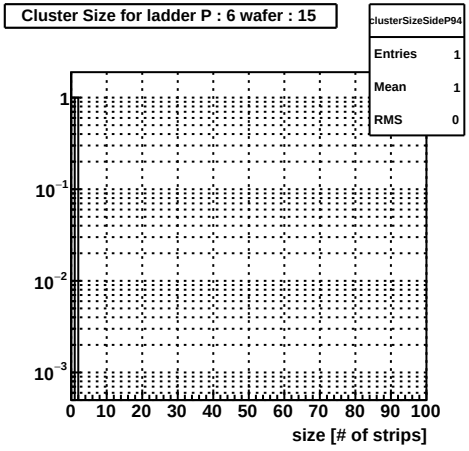

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 464
Mean 1.315
RMS 0.6229
size [# of strips]

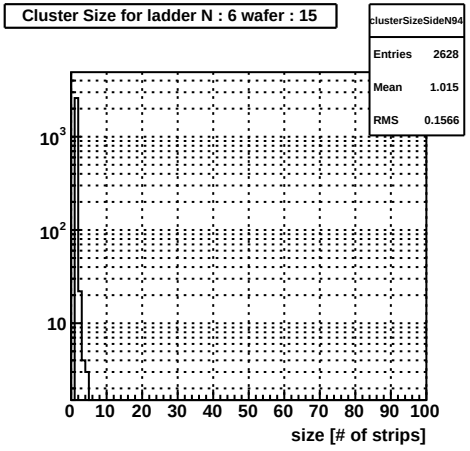

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 481
Mean 1.181
RMS 0.5897
size [# of strips]

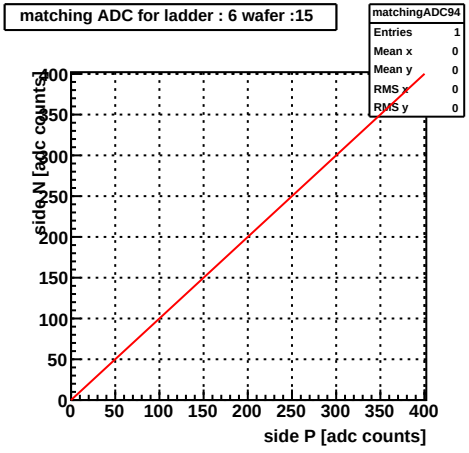

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 90
Mean x 93.25
Mean y 106.1
RMS x 68.82
RMS y 77.95
side N [adc counts]
side P [adc counts]

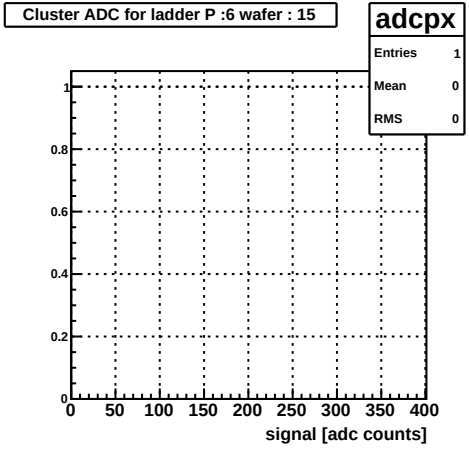

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 464
Mean 58.63
RMS 50.38
signal [adc counts]

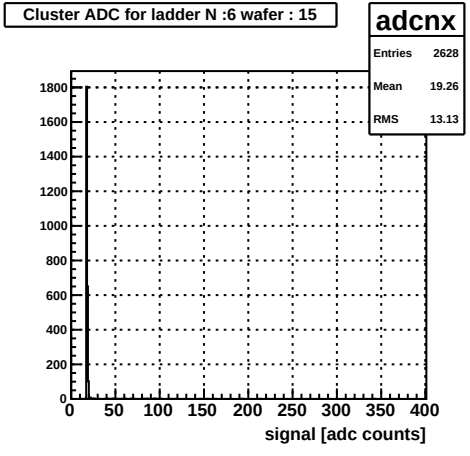

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 481
Mean 37.49
RMS 48.45
signal [adc counts]

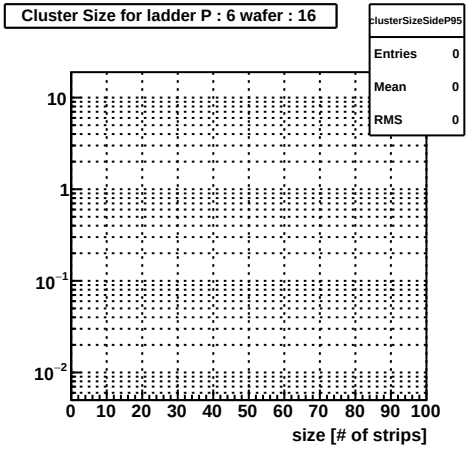

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

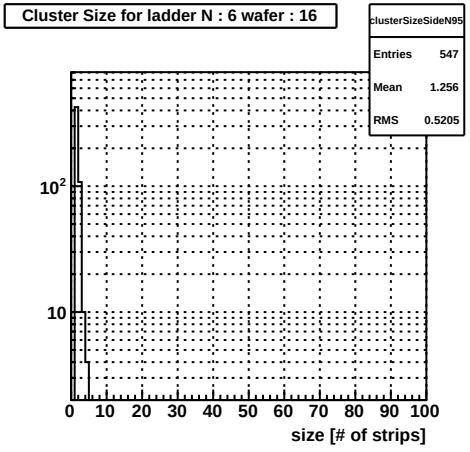

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2628
Mean 1.015
RMS 0.1566
size [# of strips]

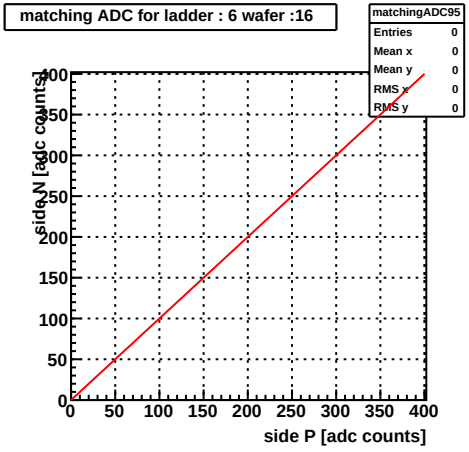

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

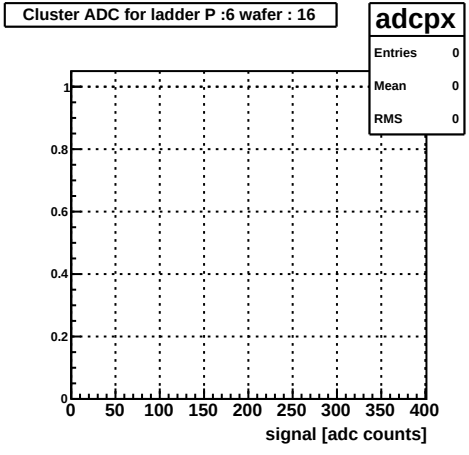

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

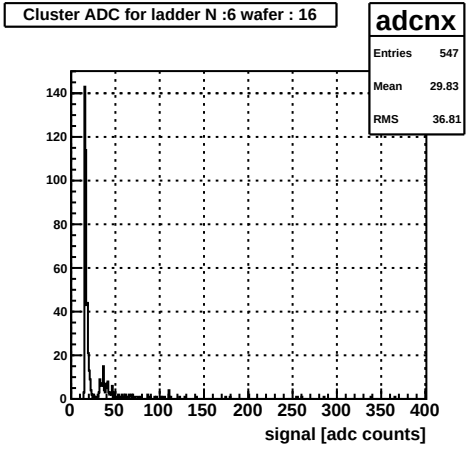

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2628
Mean 19.26
RMS 13.13
signal [adc counts]

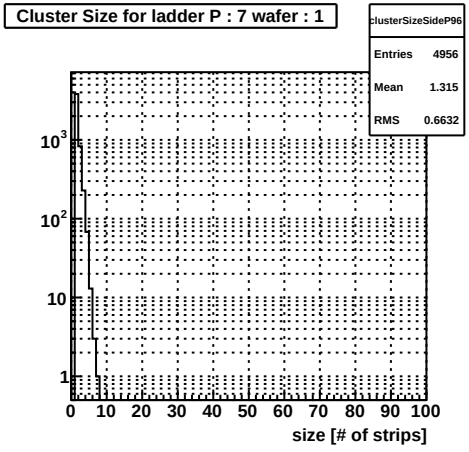

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

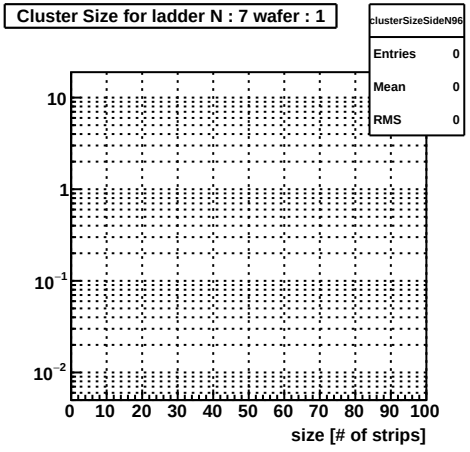

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 547
Mean 1.256
RMS 0.5205
size [# of strips]

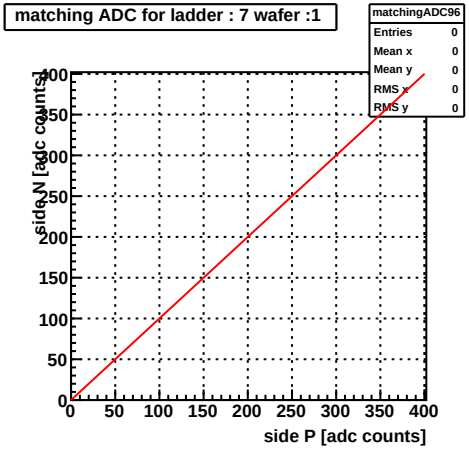

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

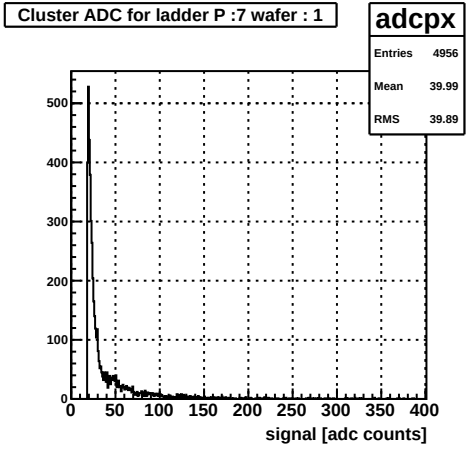

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

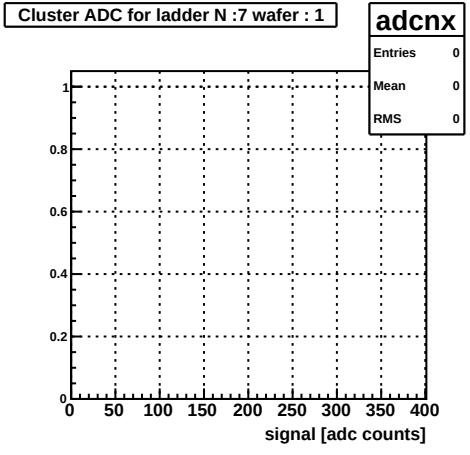

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 547
Mean 29.83
RMS 36.81
signal [adc counts]

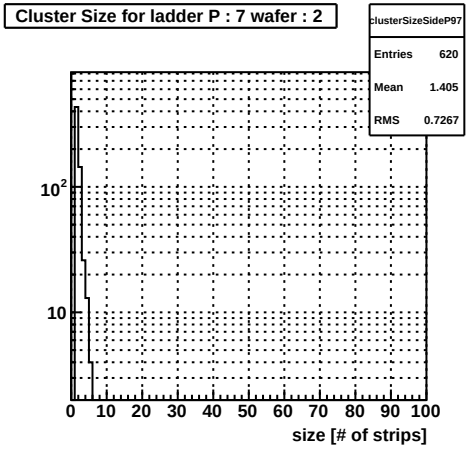

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4956
Mean 1.315
RMS 0.6632
size [# of strips]

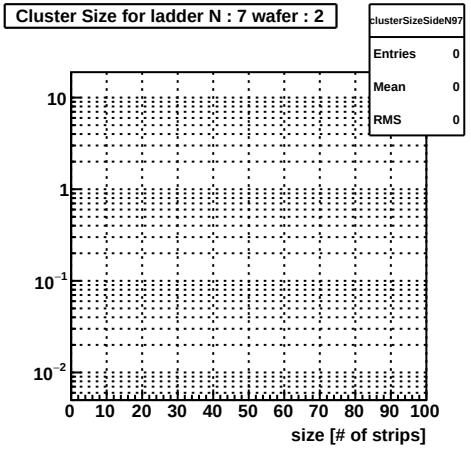

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

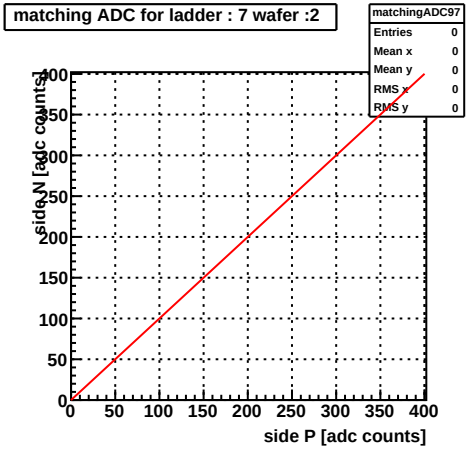

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

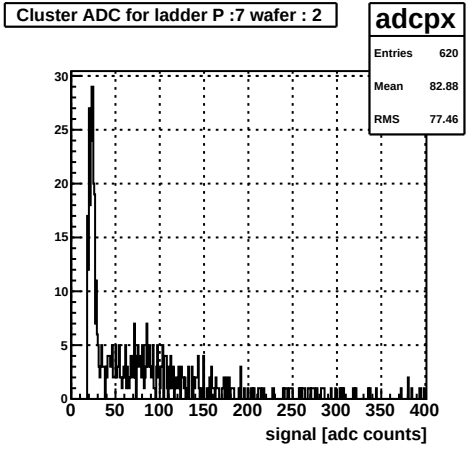

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4956
Mean 39.99
RMS 39.89
signal [adc counts]

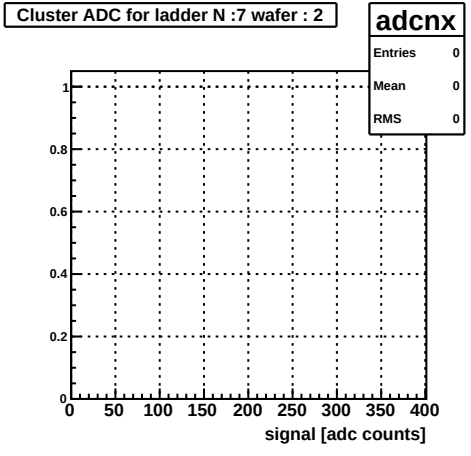

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

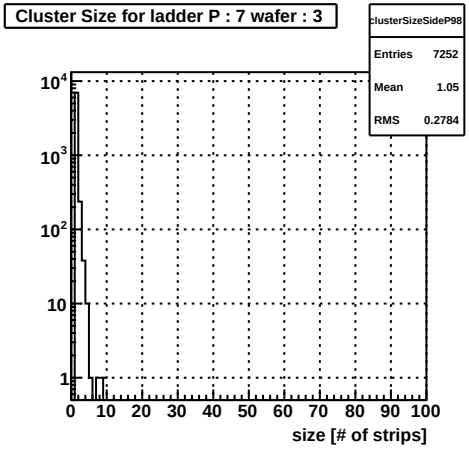

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 620
Mean 1.405
RMS 0.7267
size [# of strips]

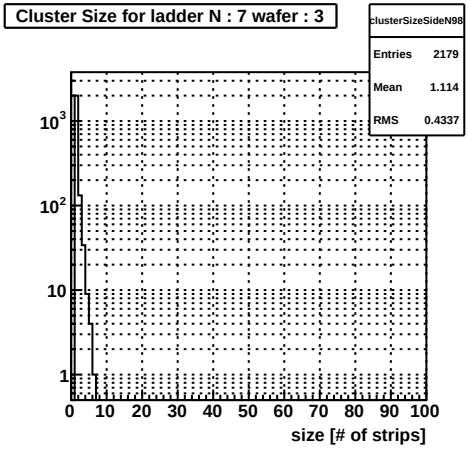

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

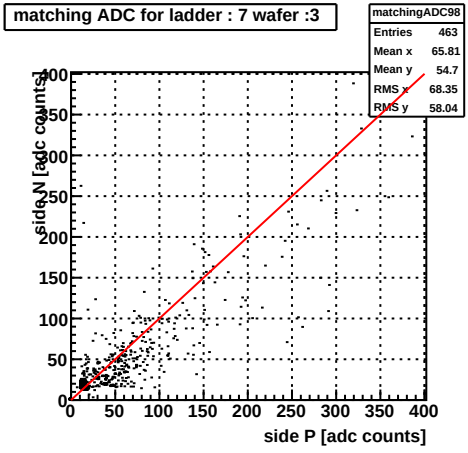

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

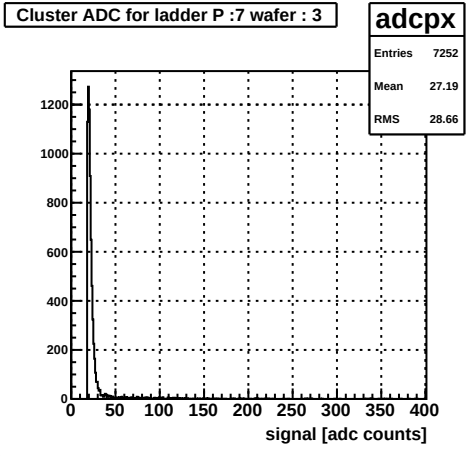

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 620
Mean 82.88
RMS 77.46
signal [adc counts]

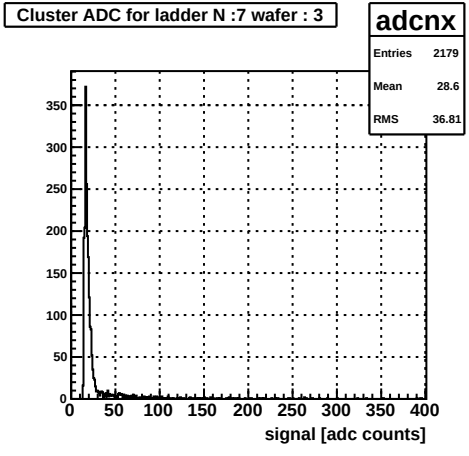

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

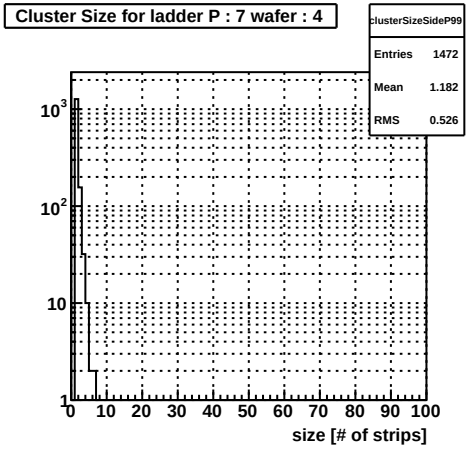

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7252
Mean 1.05
RMS 0.2784
size [# of strips]

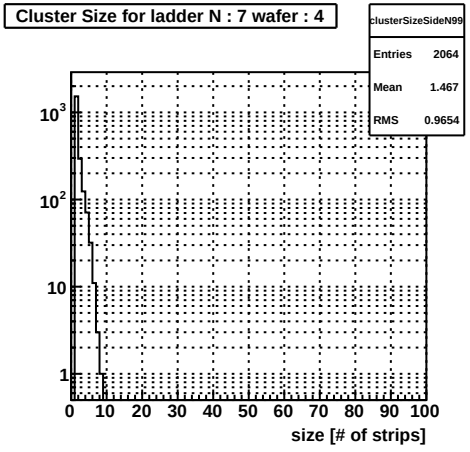

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2179
Mean 1.114
RMS 0.4337
size [# of strips]

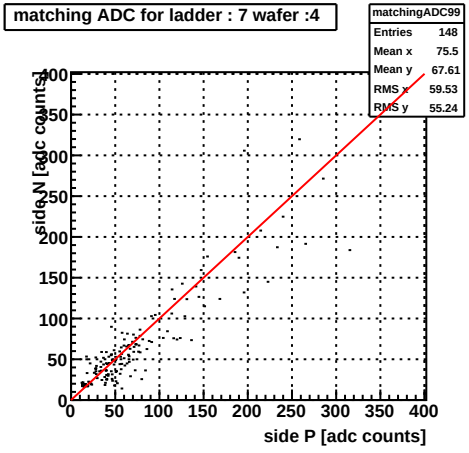

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 463
Mean x 65.81
Mean y 54.7
RMS x 68.35
RMS y 58.04
side N [adc counts]
side P [adc counts]

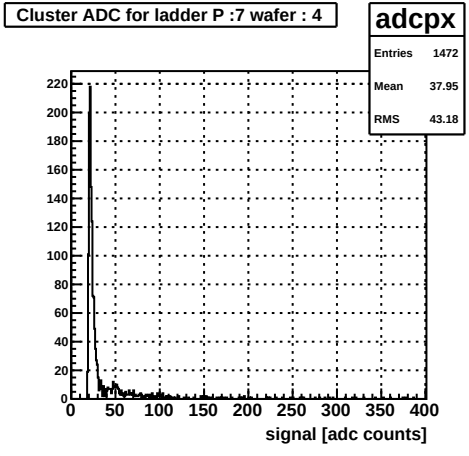

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7252
Mean 27.19
RMS 28.66
signal [adc counts]

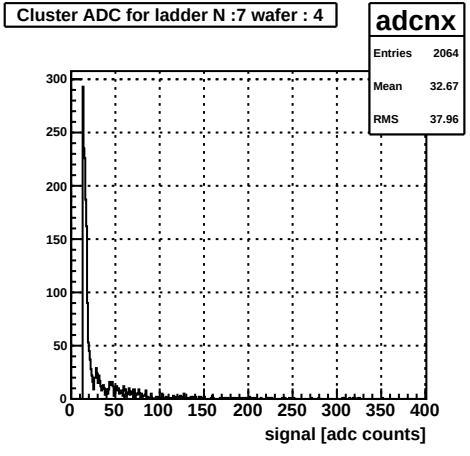

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2179
Mean 28.6
RMS 36.81
signal [adc counts]

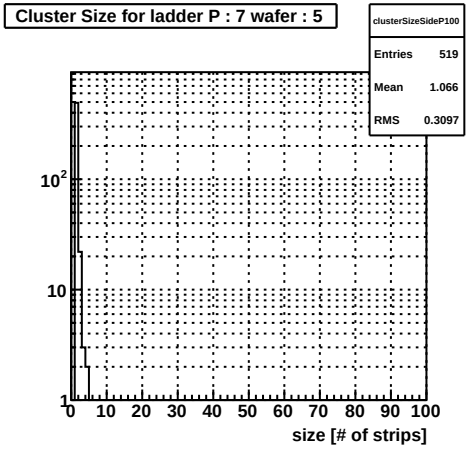

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1472
Mean 1.182
RMS 0.526
size [# of strips]

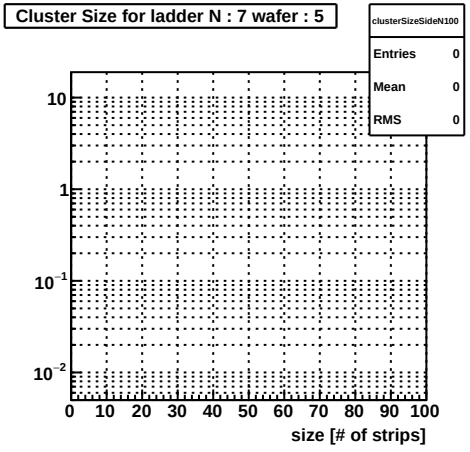

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2064
Mean 1.467
RMS 0.9654
size [# of strips]

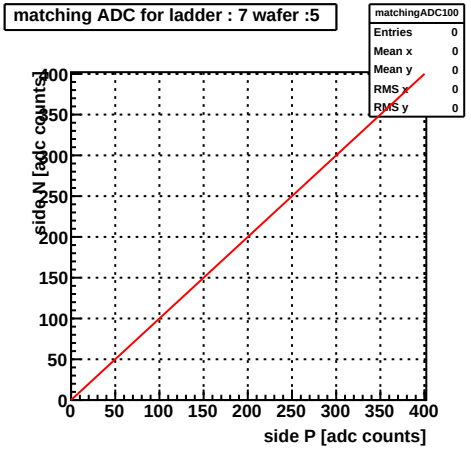

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 148
Mean x 75.5
Mean y 67.61
RMS x 59.53
RMS y 55.24
side N [adc counts]
side P [adc counts]

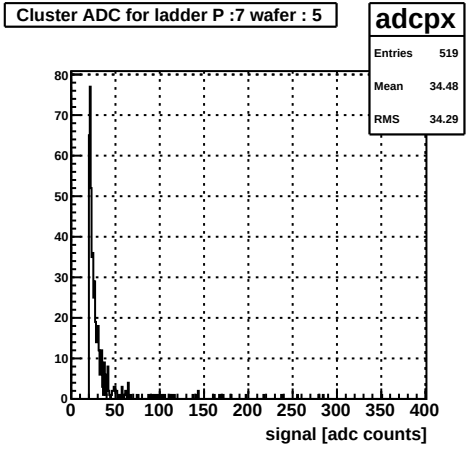

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1472
Mean 37.95
RMS 43.18
signal [adc counts]

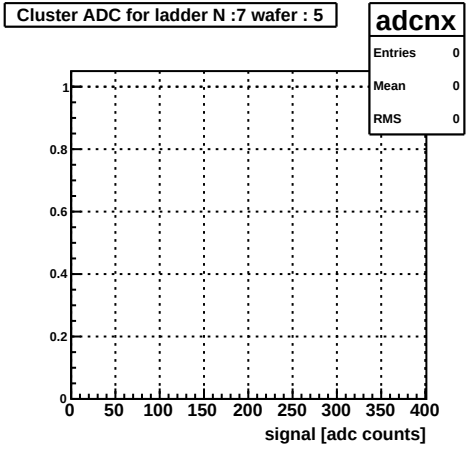

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2064
Mean 32.67
RMS 37.96
signal [adc counts]

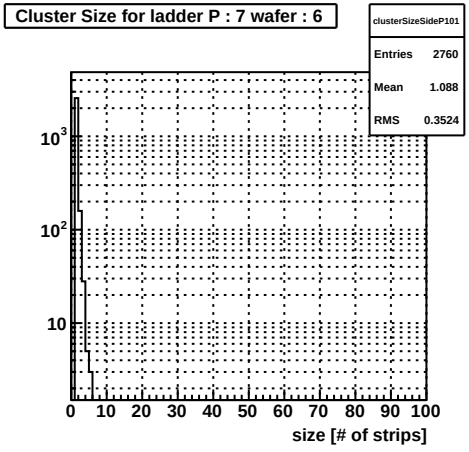

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 519
Mean 1.066
RMS 0.3097
size [# of strips]

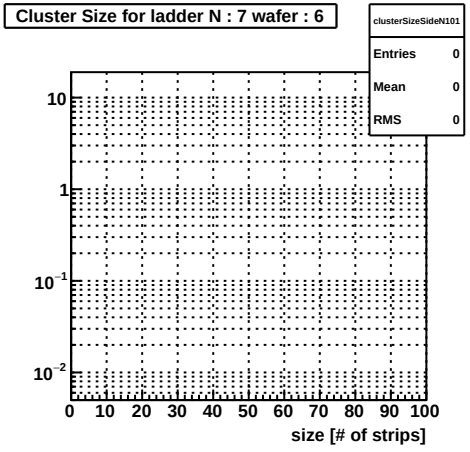

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

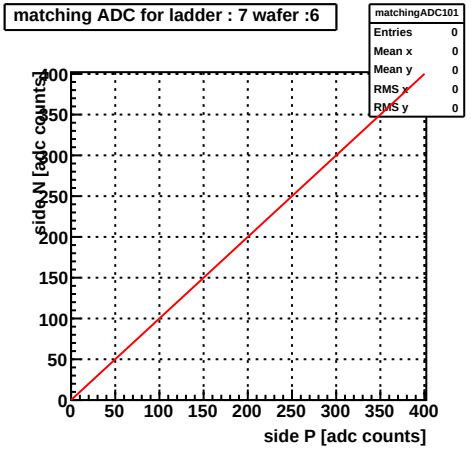

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

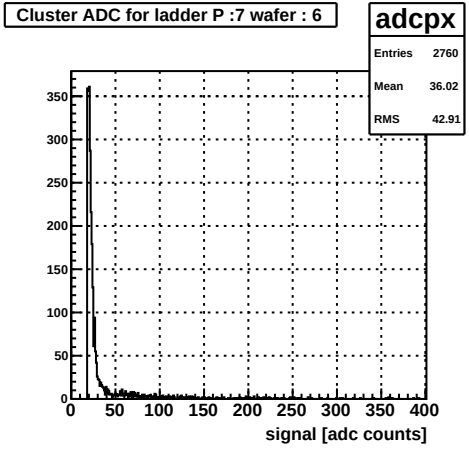

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 519
Mean 34.48
RMS 34.29
signal [adc counts]

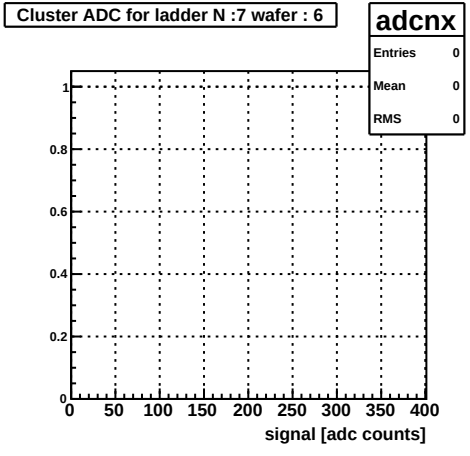

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

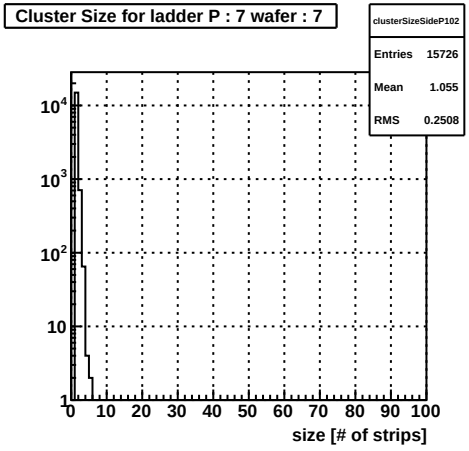

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2760
Mean 1.088
RMS 0.3524
size [# of strips]

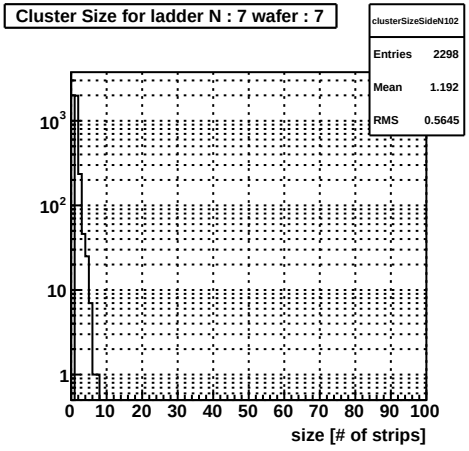

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

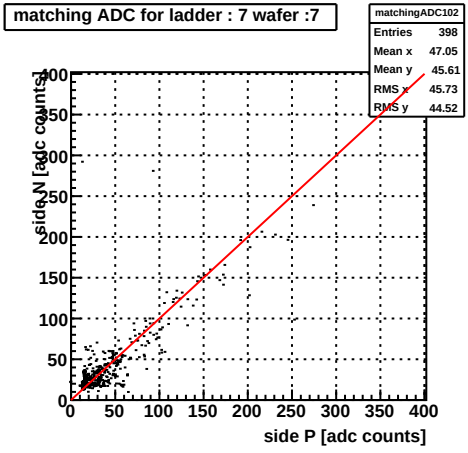

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

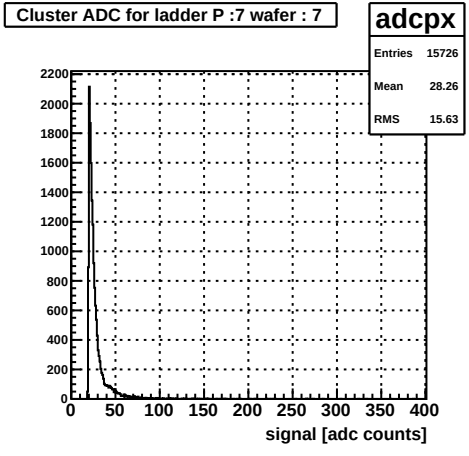

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2760
Mean 36.02
RMS 42.91
signal [adc counts]

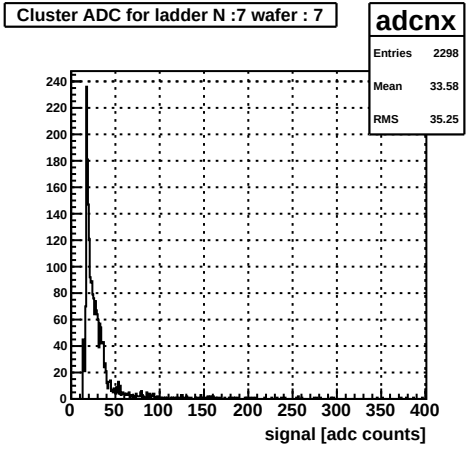

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

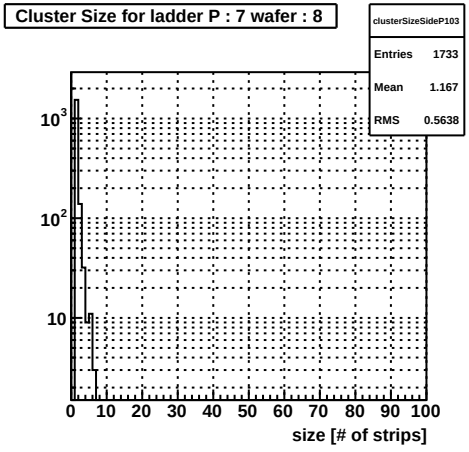

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 15726
Mean 1.055
RMS 0.2508
size [# of strips]

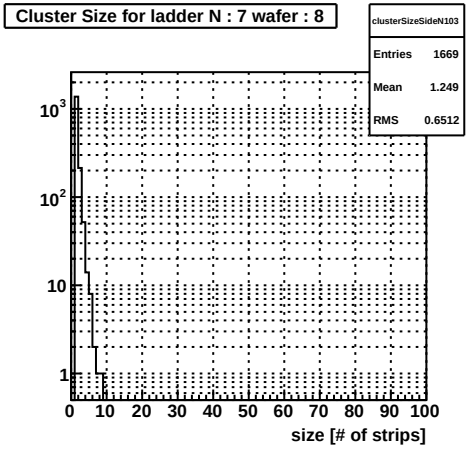

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2298
Mean 1.192
RMS 0.5645
size [# of strips]

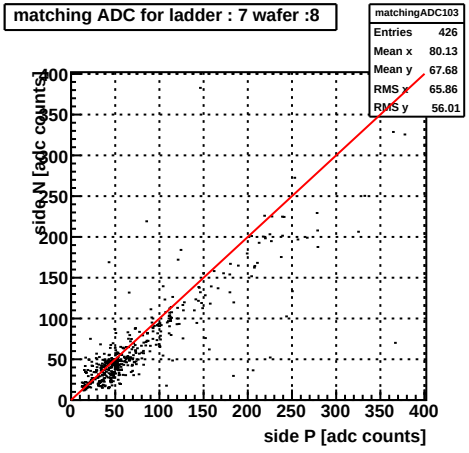

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 398
Mean x 47.05
Mean y 45.61
RMS x 45.73
RMS y 44.52
side N [adc counts]
side P [adc counts]

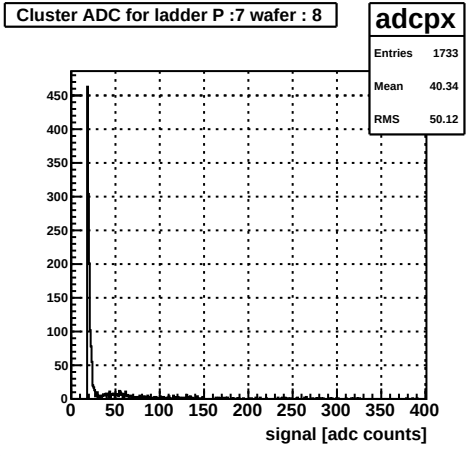

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 15726
Mean 28.26
RMS 15.63
signal [adc counts]

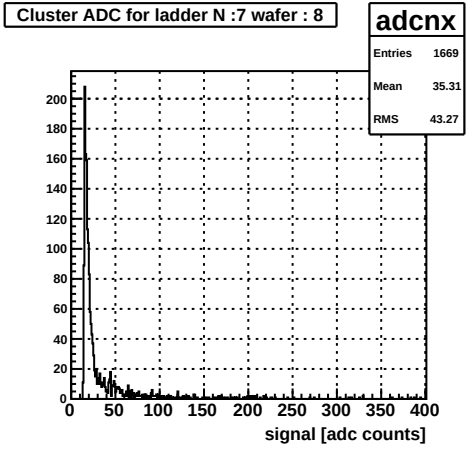

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2298
Mean 33.58
RMS 35.25
signal [adc counts]

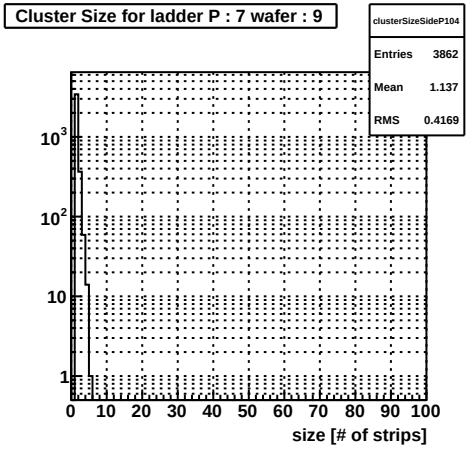

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1733
Mean 1.167
RMS 0.5638
size [# of strips]

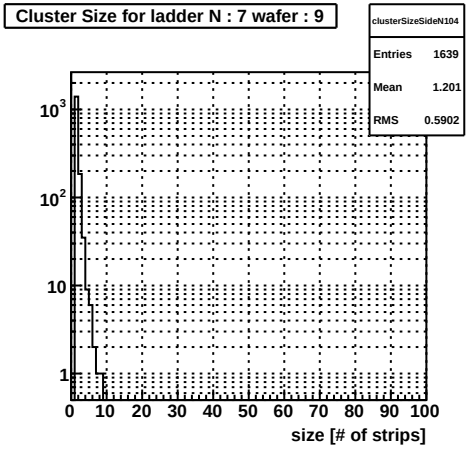

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1669
Mean 1.249
RMS 0.6512
size [# of strips]

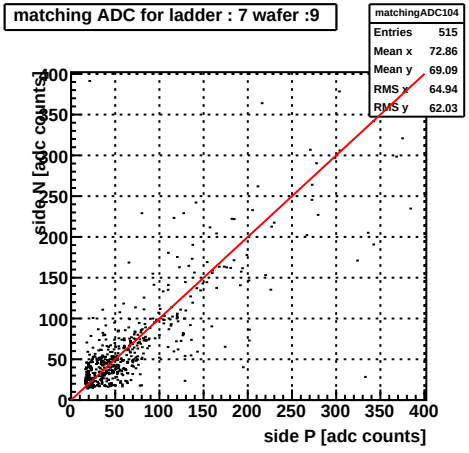

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 426
Mean x 80.13
Mean y 67.68
RMS x 65.86
RMS y 56.01
side N [adc counts]
side P [adc counts]

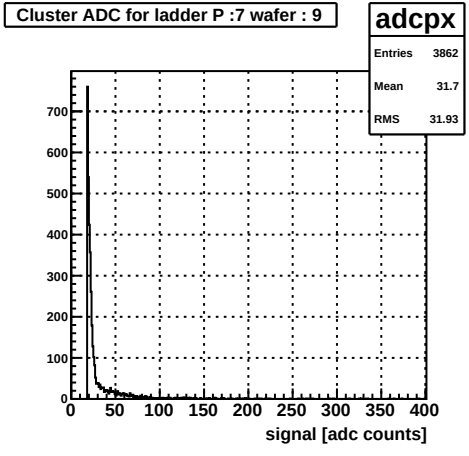

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1733
Mean 40.34
RMS 50.12
signal [adc counts]

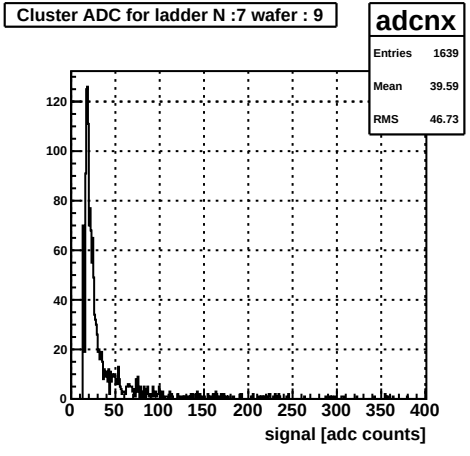

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1669
Mean 35.31
RMS 43.27
signal [adc counts]

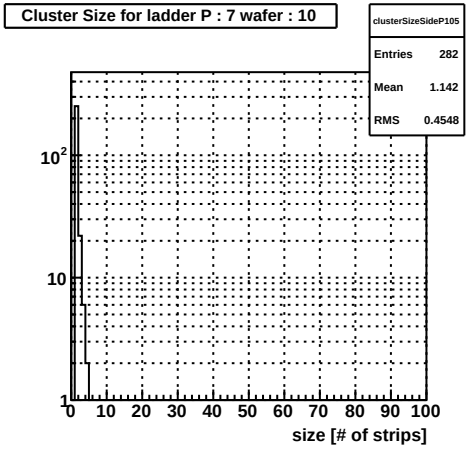

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3862
Mean 1.137
RMS 0.4169
size [# of strips]

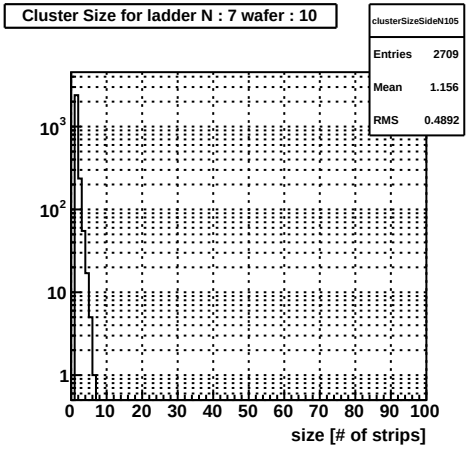

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1639
Mean 1.201
RMS 0.5902
size [# of strips]

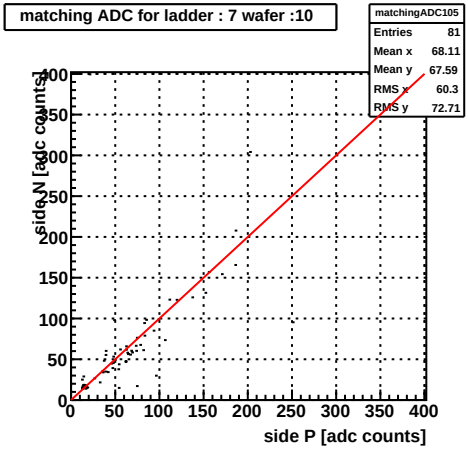

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 515
Mean x 72.86
Mean y 69.09
RMS x 64.94
RMS y 62.03
side N [adc counts]
side P [adc counts]

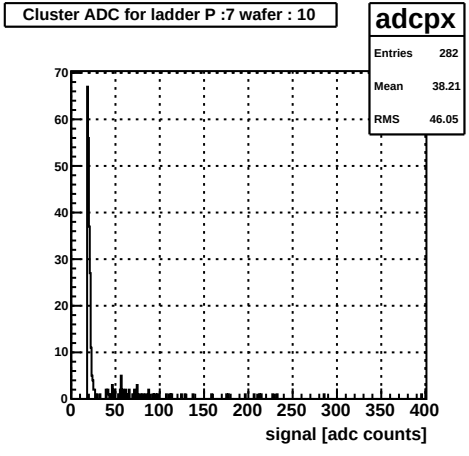

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3862
Mean 31.7
RMS 31.93
signal [adc counts]

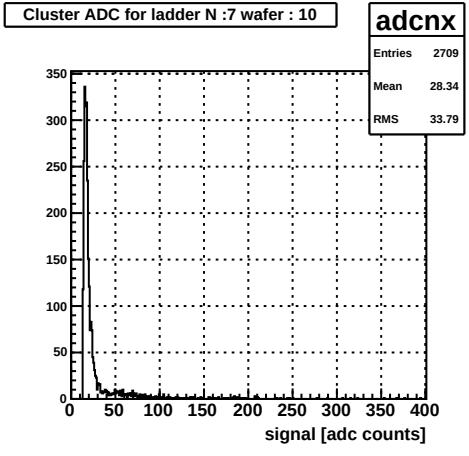

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1639
Mean 39.59
RMS 46.73
signal [adc counts]

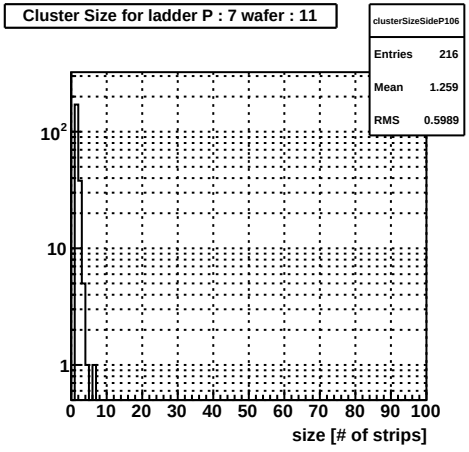

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 282
Mean 1.142
RMS 0.4548
size [# of strips]

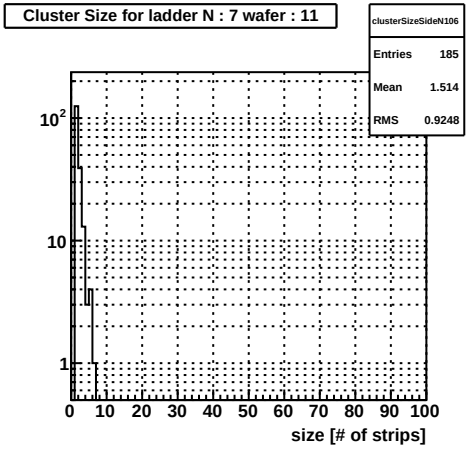

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2709
Mean 1.156
RMS 0.4892
size [# of strips]

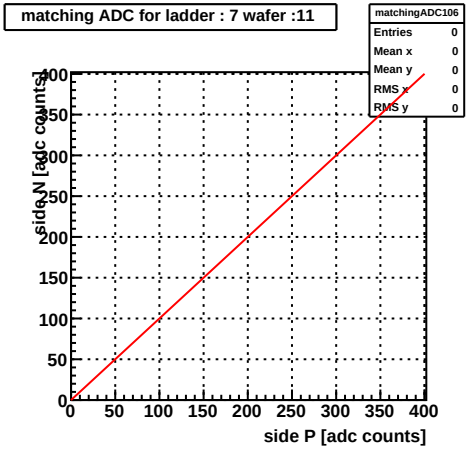

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 81
Mean x 68.11
Mean y 67.59
RMS x 60.3
RMS y 72.71
side N [adc counts]
side P [adc counts]

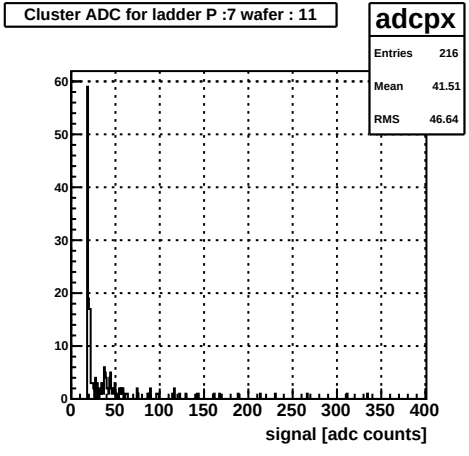

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 282
Mean 38.21
RMS 46.05
signal [adc counts]

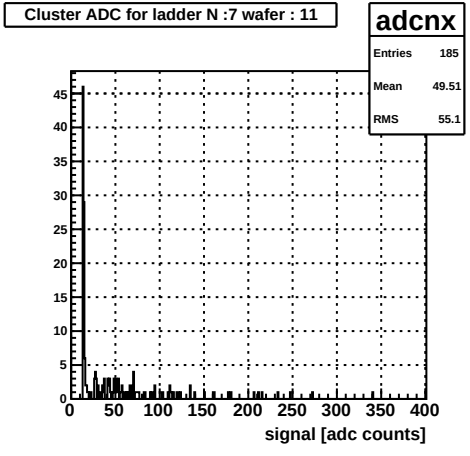

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2709
Mean 28.34
RMS 33.79
signal [adc counts]

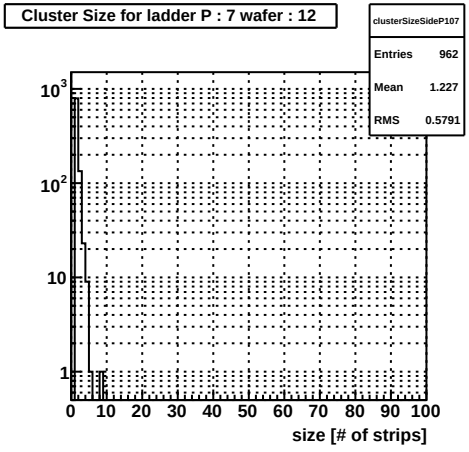

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 216
Mean 1.259
RMS 0.5989
size [# of strips]

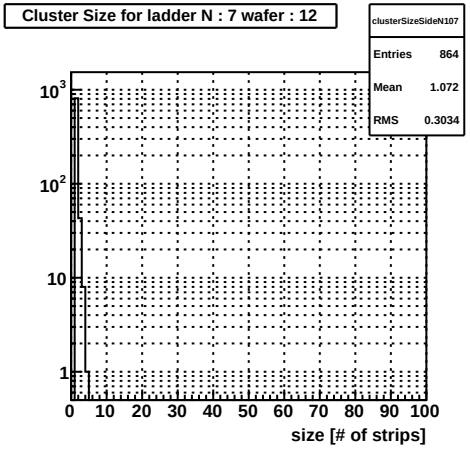

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 185
Mean 1.514
RMS 0.9248
size [# of strips]

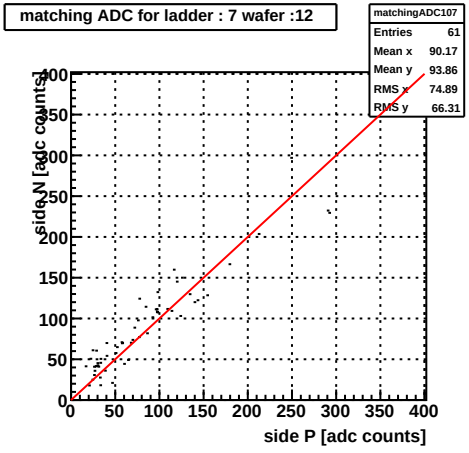

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

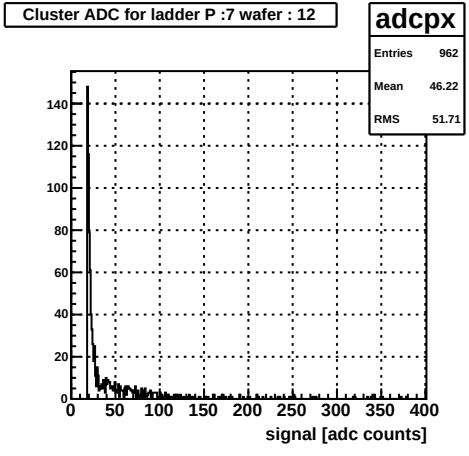

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 216
Mean 41.51
RMS 46.64
signal [adc counts]

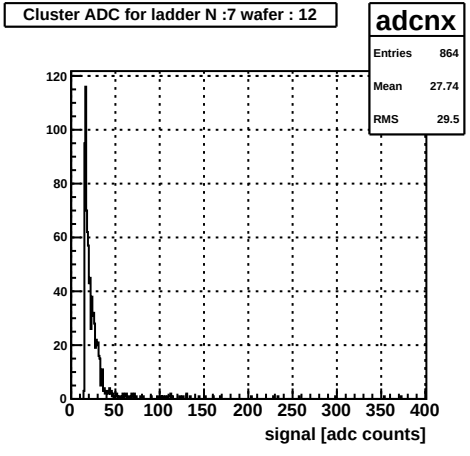

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 185
Mean 49.51
RMS 55.1
signal [adc counts]

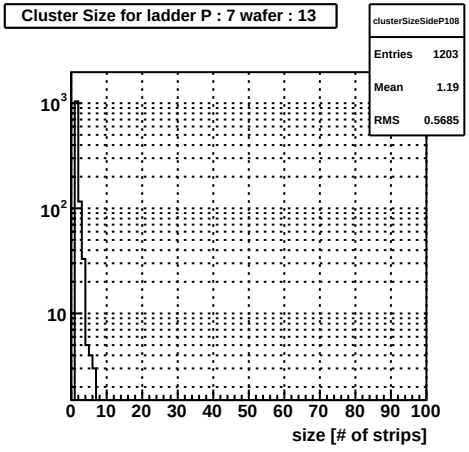

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 962
Mean 1.227
RMS 0.5791
size [# of strips]

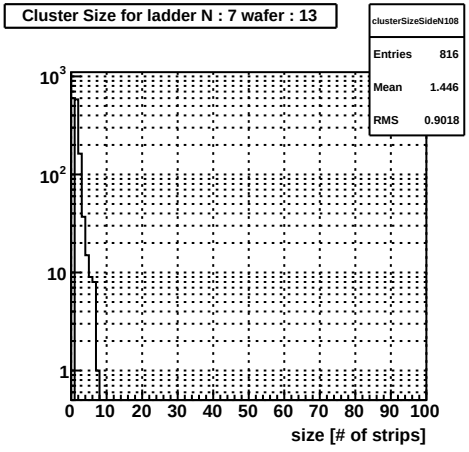

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 864
Mean 1.072
RMS 0.3034
size [# of strips]

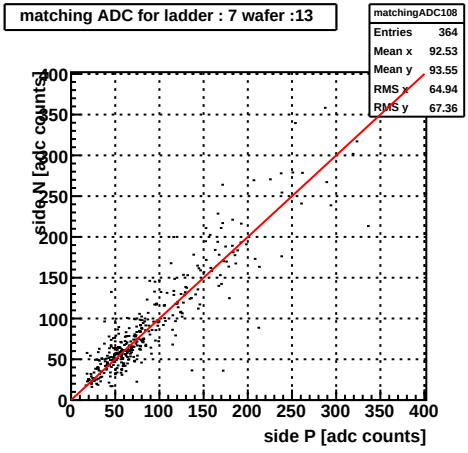

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 61
Mean x 90.17
Mean y 93.86
RMS x 74.89
RMS y 66.31
side N [adc counts]
side P [adc counts]

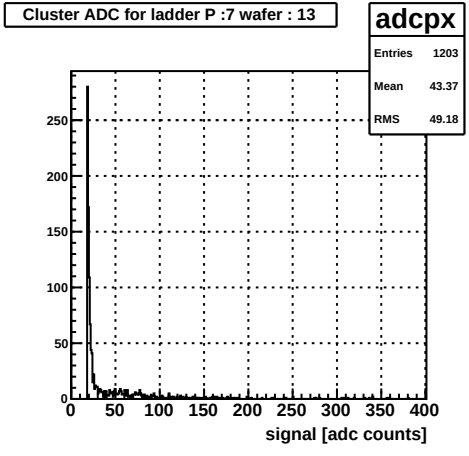

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 962
Mean 46.22
RMS 51.71
signal [adc counts]

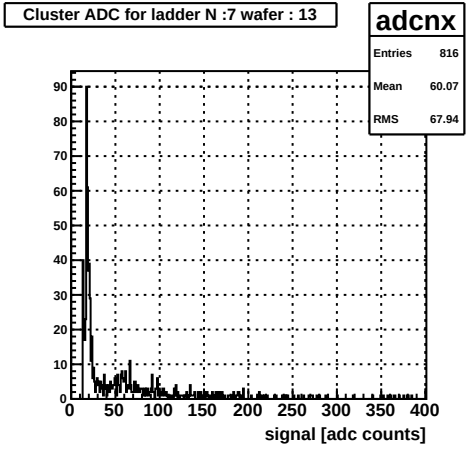

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 864
Mean 27.74
RMS 29.5
signal [adc counts]

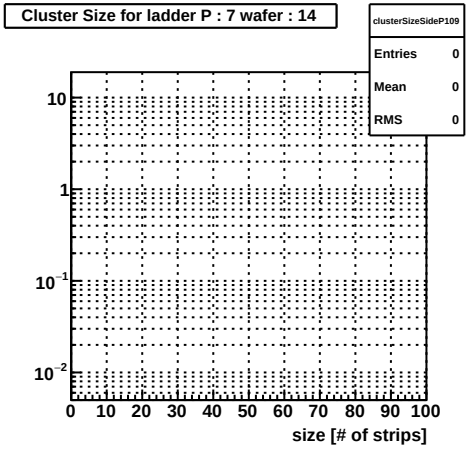

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1203
Mean 1.19
RMS 0.5685
size [# of strips]

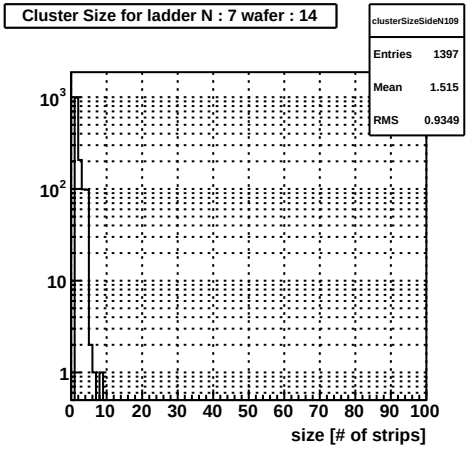

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 816
Mean 1.446
RMS 0.9018
size [# of strips]

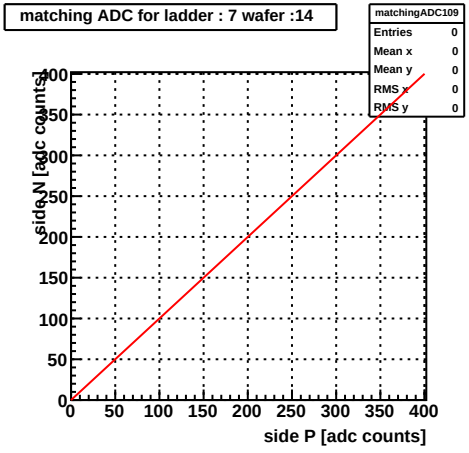

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 364
Mean x 92.53
Mean y 93.55
RMS x 64.94
RMS y 67.36
side N [adc counts]
side P [adc counts]

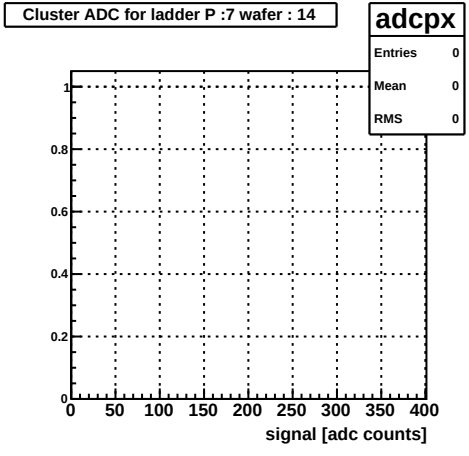

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1203
Mean 43.37
RMS 49.18
signal [adc counts]

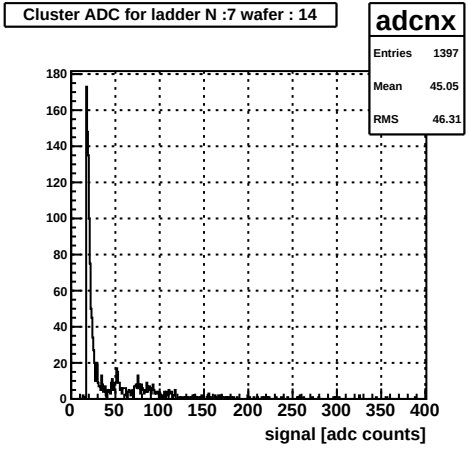

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 816
Mean 60.07
RMS 67.94
signal [adc counts]

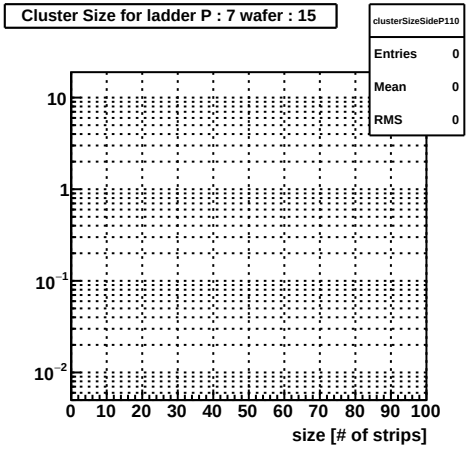

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

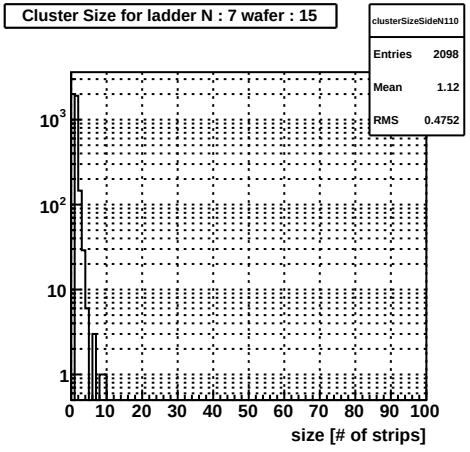

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1397
Mean 1.515
RMS 0.9349
size [# of strips]

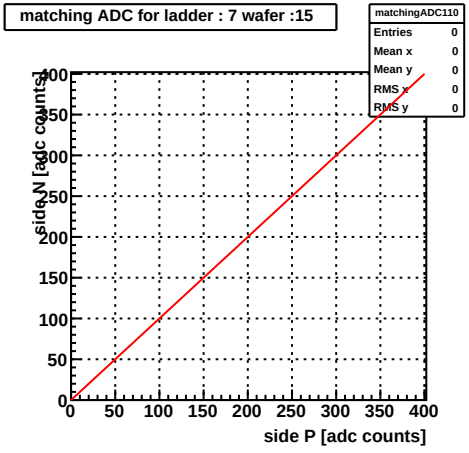

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

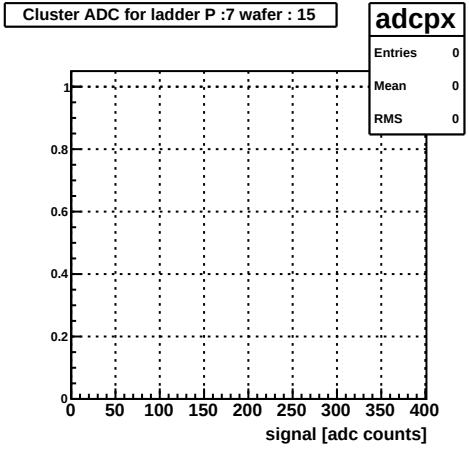

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

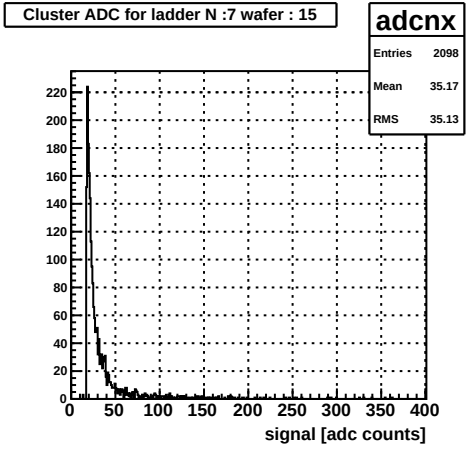

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1397
Mean 45.05
RMS 46.31
signal [adc counts]

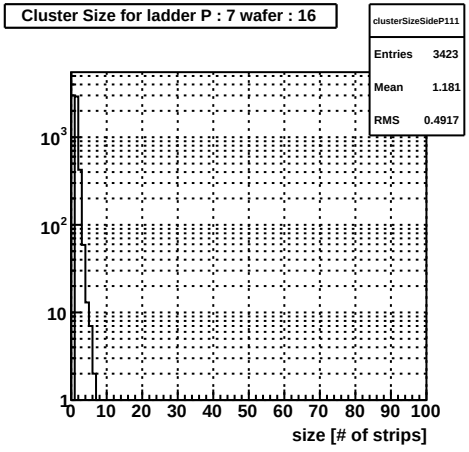

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

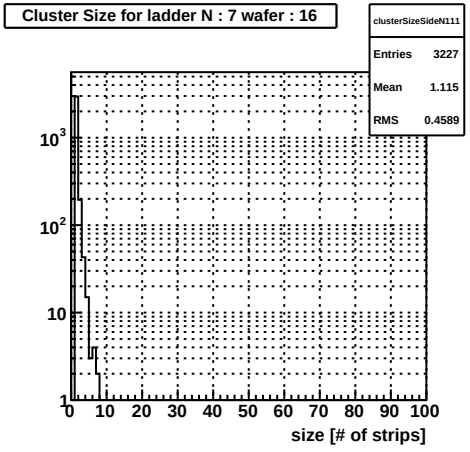

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2098
Mean 1.12
RMS 0.4752
size [# of strips]

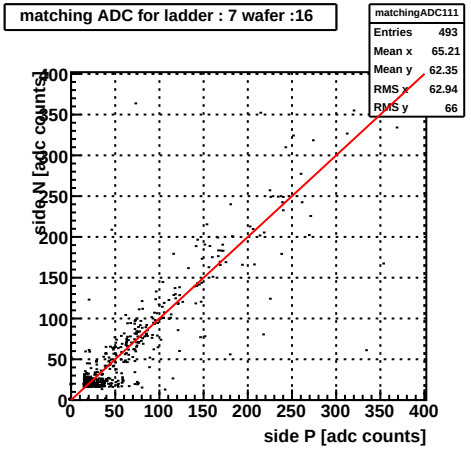

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

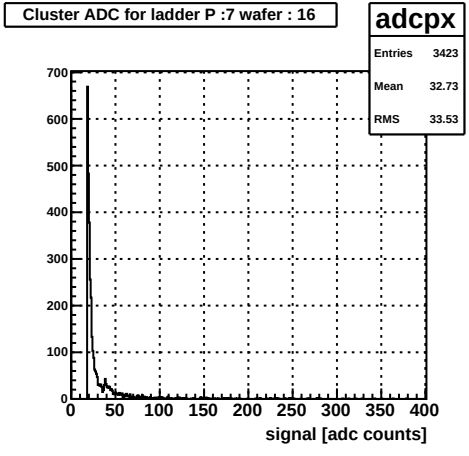

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

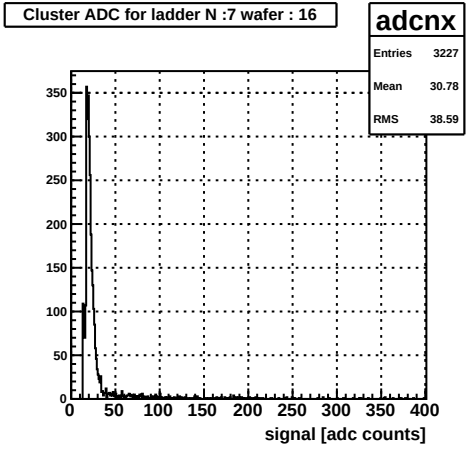

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2098
Mean 35.17
RMS 35.13
signal [adc counts]

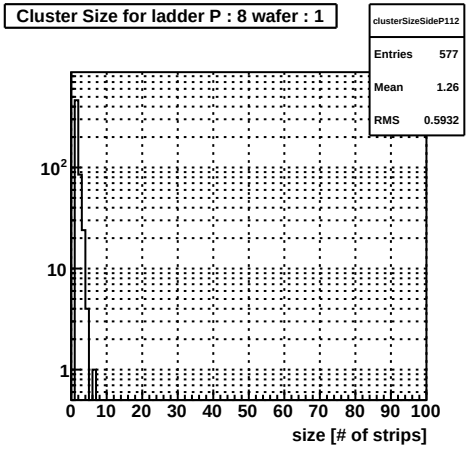

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3423
Mean 1.181
RMS 0.4917
size [# of strips]

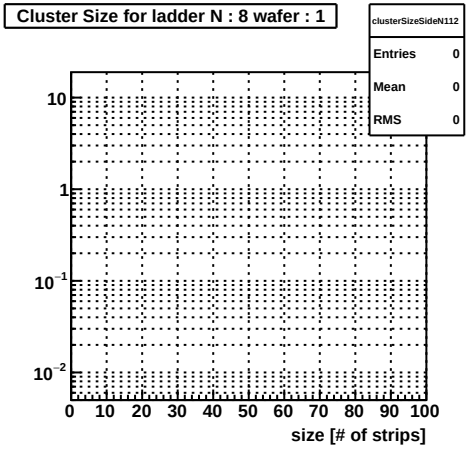

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3227
Mean 1.115
RMS 0.4589
size [# of strips]

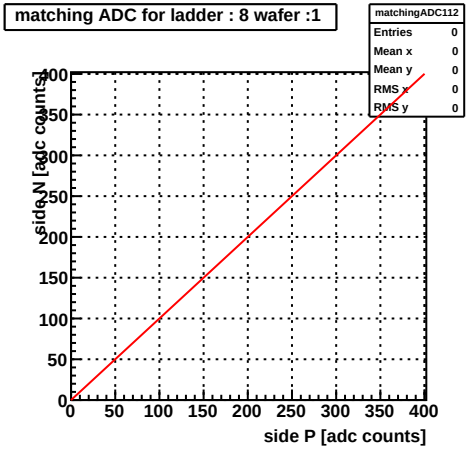

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 493
Mean x 65.21
Mean y 62.35
RMS x 62.94
RMS y 66
side N [adc counts]
side P [adc counts]

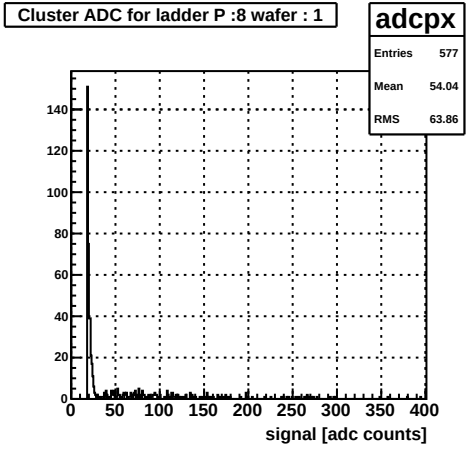

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3423
Mean 32.73
RMS 33.53
signal [adc counts]

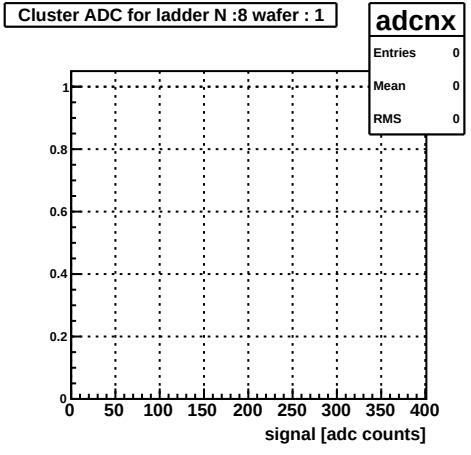

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3227
Mean 30.78
RMS 38.59
signal [adc counts]

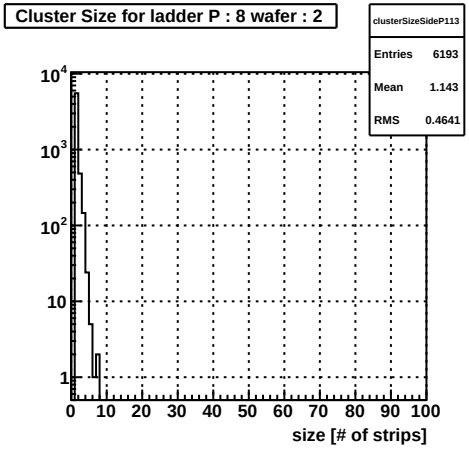

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 577
Mean 1.26
RMS 0.5932
size [# of strips]

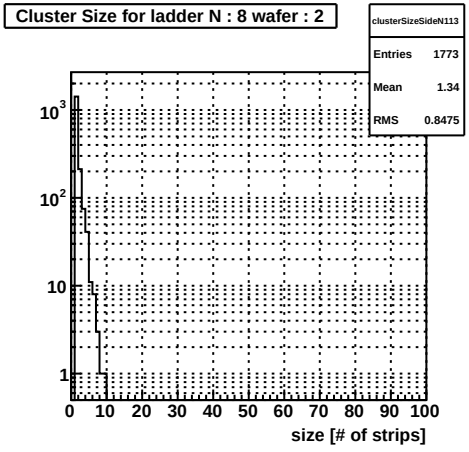

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

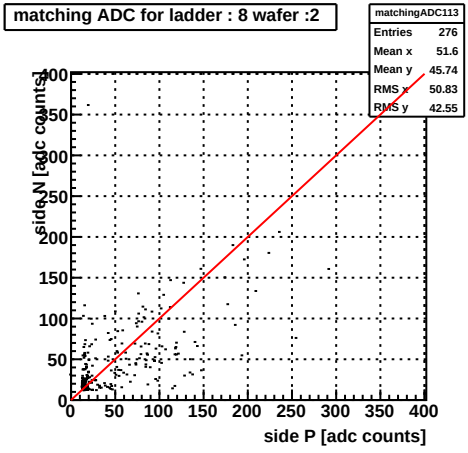

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

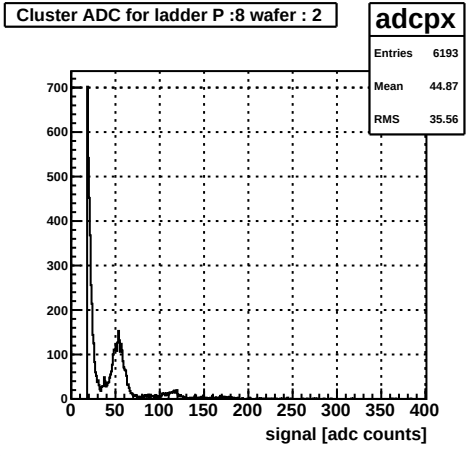

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 577
Mean 54.04
RMS 63.86
signal [adc counts]

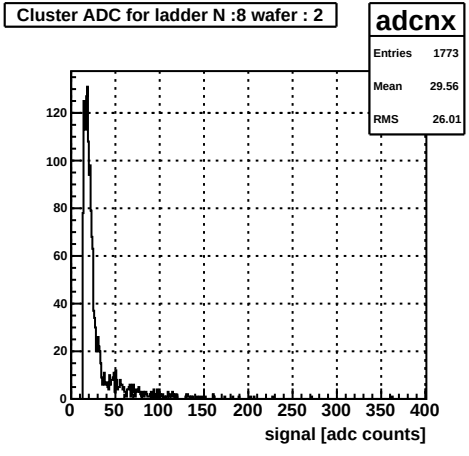

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

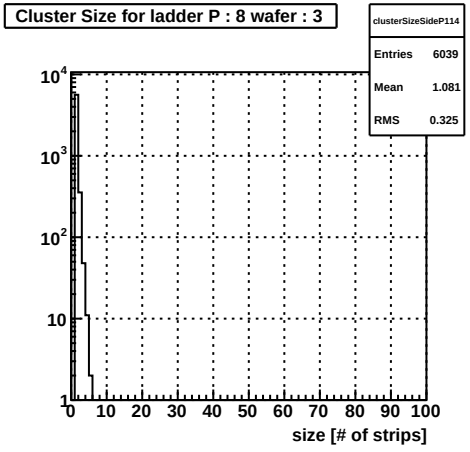

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6193
Mean 1.143
RMS 0.4641
size [# of strips]

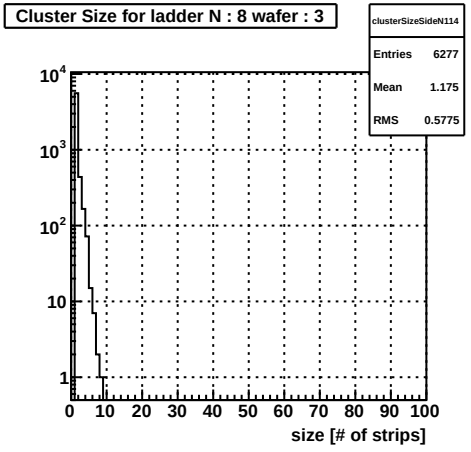

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1773
Mean 1.34
RMS 0.8475
size [# of strips]

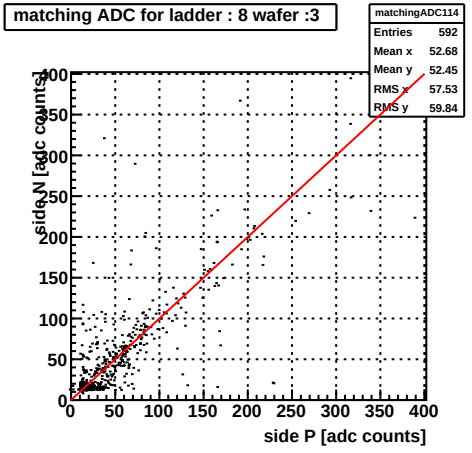

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 276
Mean x 51.6
Mean y 45.74
RMS x 50.83
RMS y 42.55
side N [adc counts]
side P [adc counts]

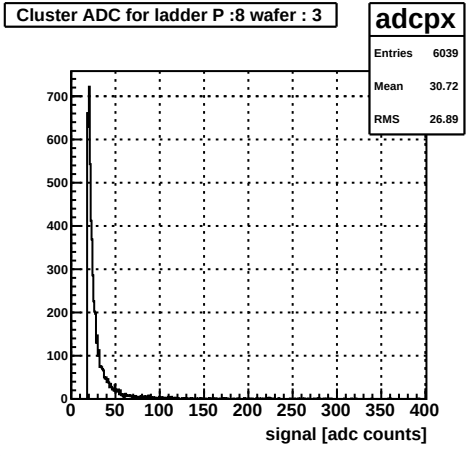

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6193
Mean 44.87
RMS 35.56
signal [adc counts]

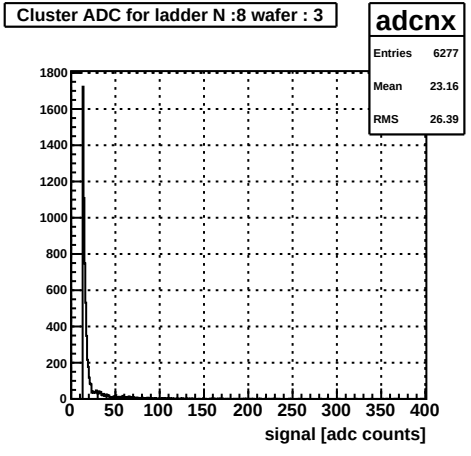

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1773
Mean 29.56
RMS 26.01
signal [adc counts]

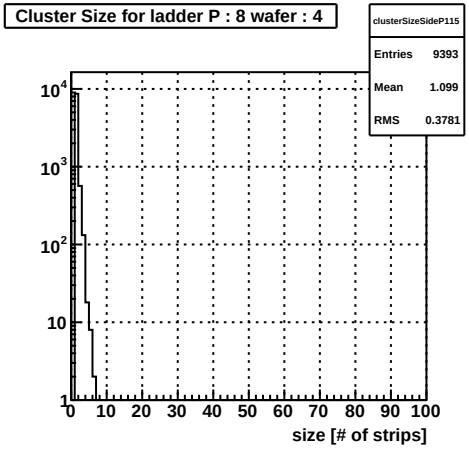

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6039
Mean 1.081
RMS 0.325
size [# of strips]

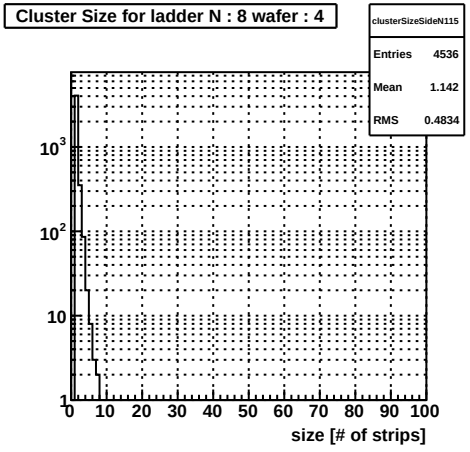

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6277
Mean 1.175
RMS 0.5775
size [# of strips]

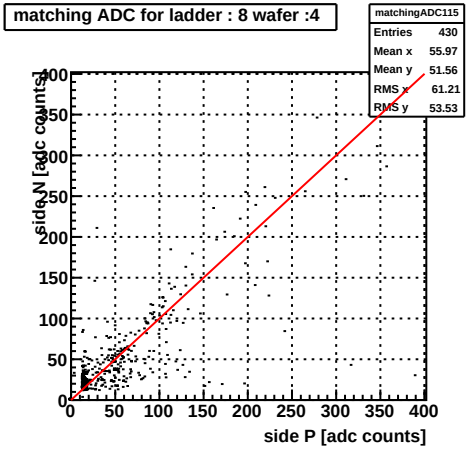

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 592
Mean x 52.68
Mean y 52.45
RMS x 57.53
RMS y 59.84
side N [adc counts]
side P [adc counts]

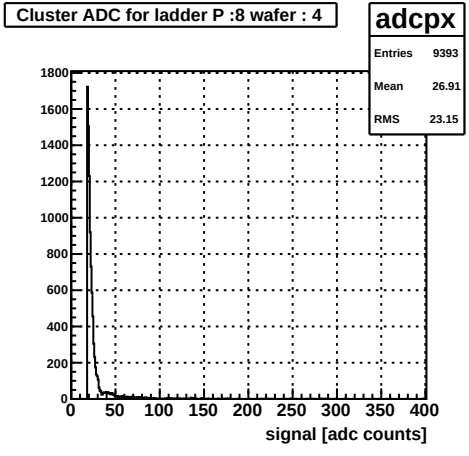

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6039
Mean 30.72
RMS 26.89
signal [adc counts]

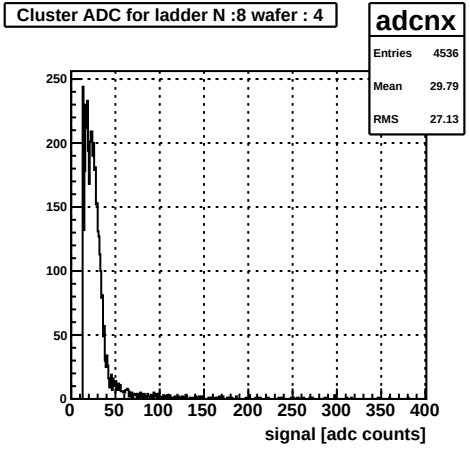

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6277
Mean 23.16
RMS 26.39
signal [adc counts]

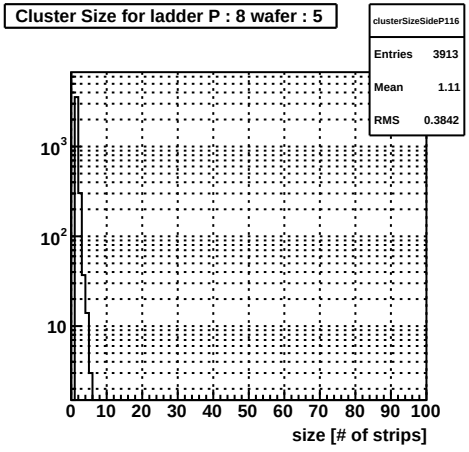

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 9393
Mean 1.099
RMS 0.3781
size [# of strips]

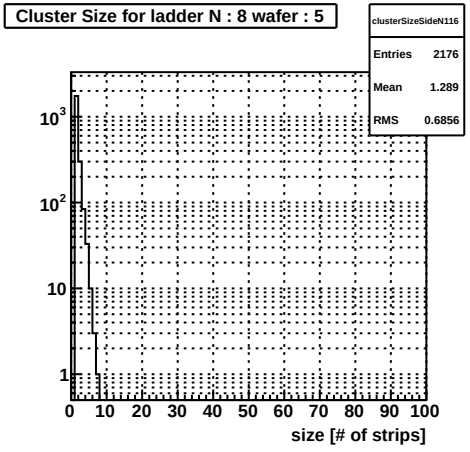

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4536
Mean 1.142
RMS 0.4834
size [# of strips]

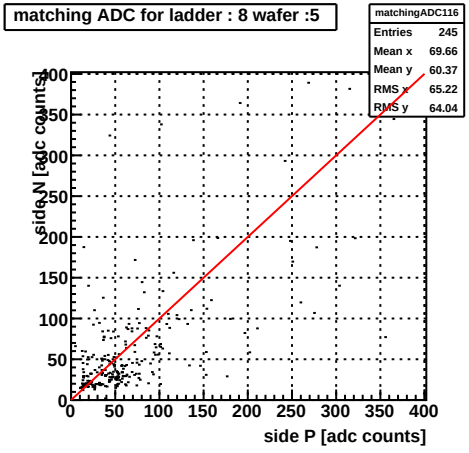

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 430
Mean x 55.97
Mean y 51.56
RMS x 61.21
RMS y 53.53
side N [adc counts]
side P [adc counts]

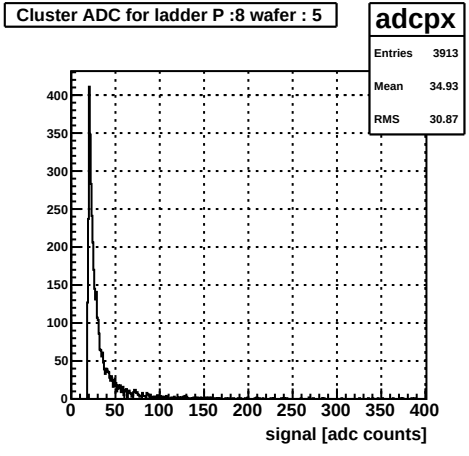

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 9393
Mean 26.91
RMS 23.15
signal [adc counts]

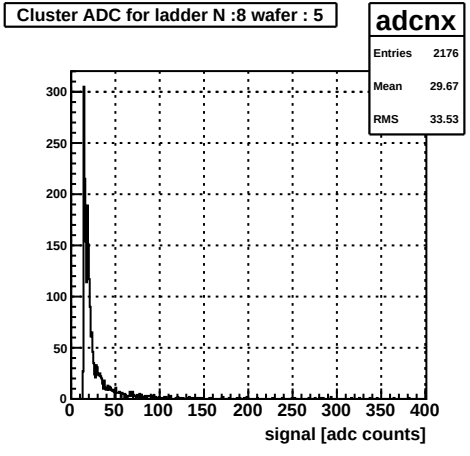

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4536
Mean 29.79
RMS 27.13
signal [adc counts]

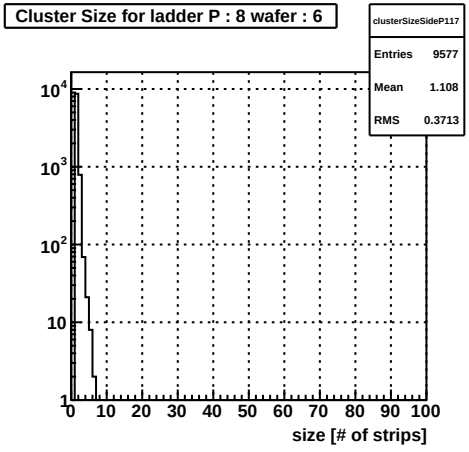

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3913
Mean 1.11
RMS 0.3842
size [# of strips]

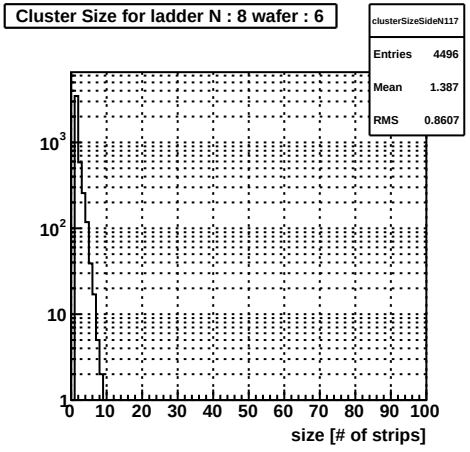

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2176
Mean 1.289
RMS 0.6856
size [# of strips]

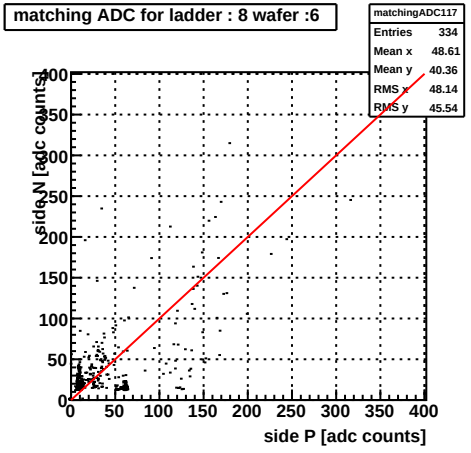

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 245
Mean x 69.66
Mean y 60.37
RMS x 65.22
RMS y 64.04
side N [adc counts]
side P [adc counts]

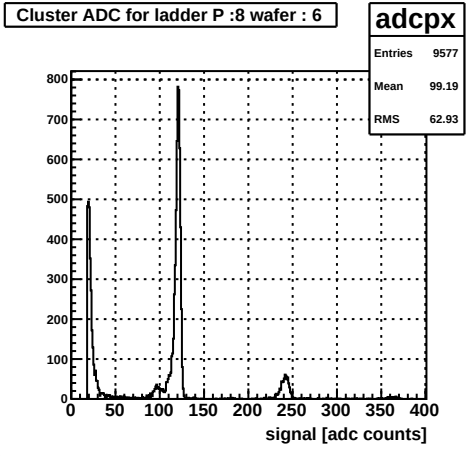

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3913
Mean 34.93
RMS 30.87
signal [adc counts]

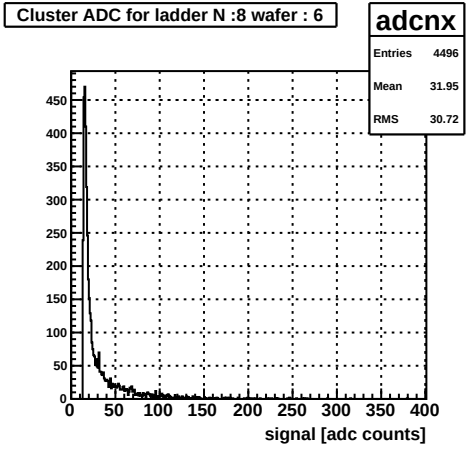

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2176
Mean 29.67
RMS 33.53
signal [adc counts]

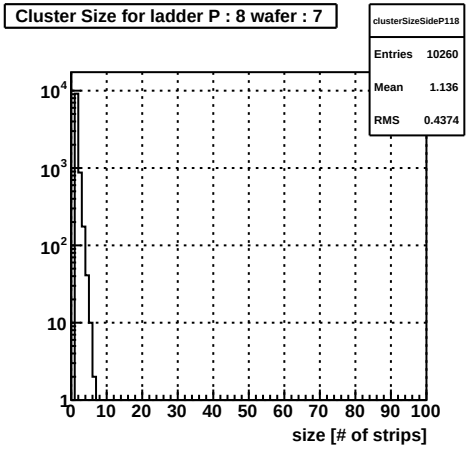

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9577
Mean 1.108
RMS 0.3713
size [# of strips]

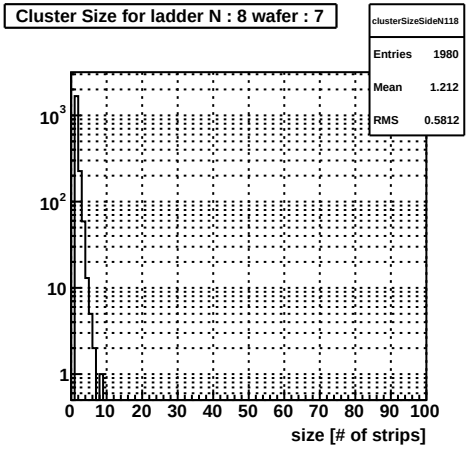

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4496
Mean 1.387
RMS 0.8607
size [# of strips]

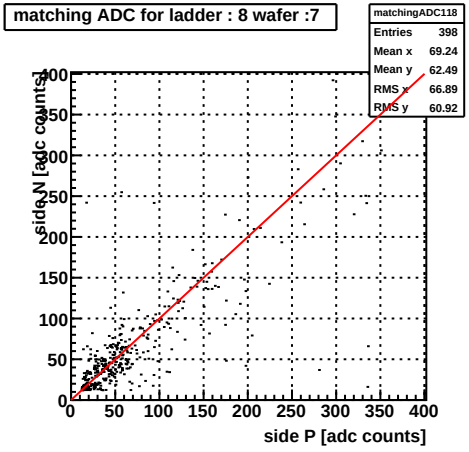

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 334
Mean x 48.61
Mean y 40.36
RMS x 48.14
RMS y 45.54
side N [adc counts]
side P [adc counts]

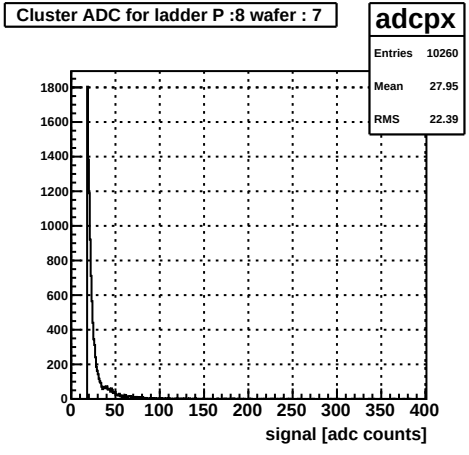

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9577
Mean 99.19
RMS 62.93
signal [adc counts]

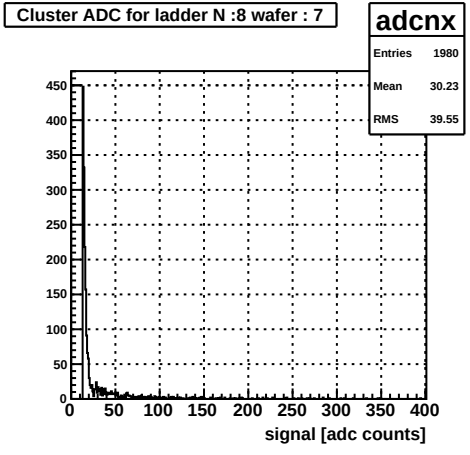

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4496
Mean 31.95
RMS 30.72
signal [adc counts]

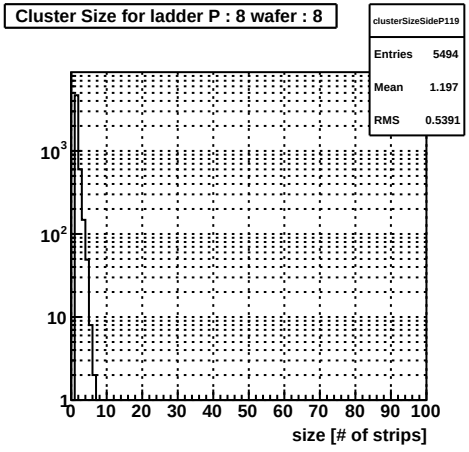

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 10260
Mean 1.136
RMS 0.4374
size [# of strips]

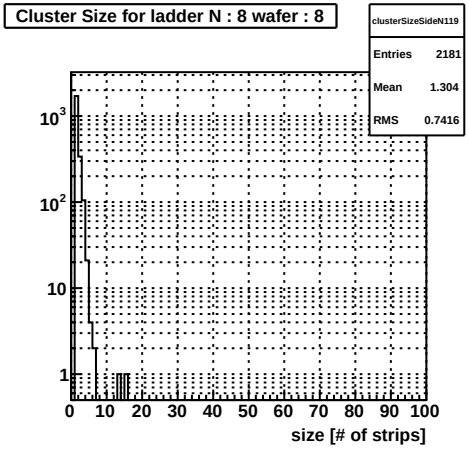

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1980
Mean 1.212
RMS 0.5812
size [# of strips]

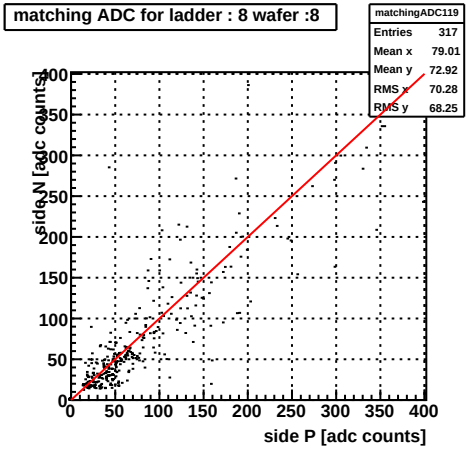

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 398
Mean x 69.24
Mean y 62.49
RMS x 66.89
RMS y 60.92
side N [adc counts]
side P [adc counts]

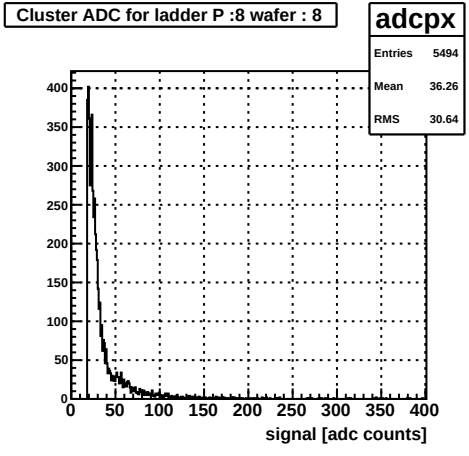

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 10260
Mean 27.95
RMS 22.39
signal [adc counts]

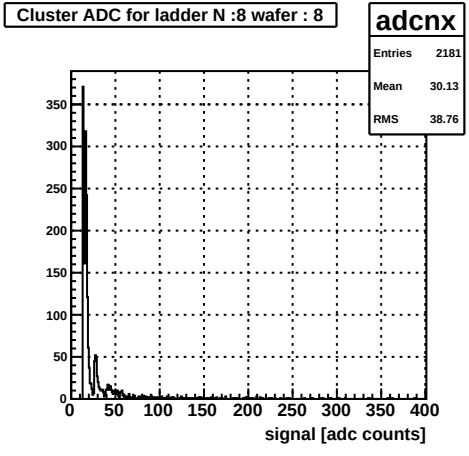

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1980
Mean 30.23
RMS 39.55
signal [adc counts]

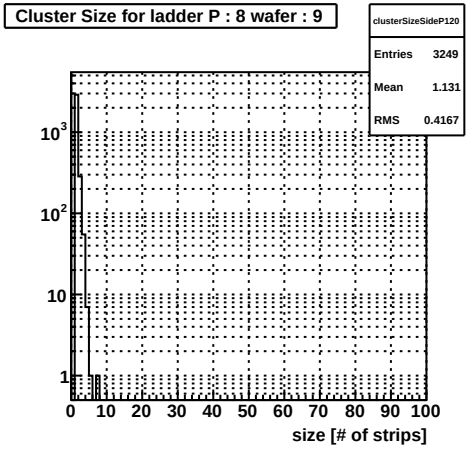

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5494
Mean 1.197
RMS 0.5391
size [# of strips]

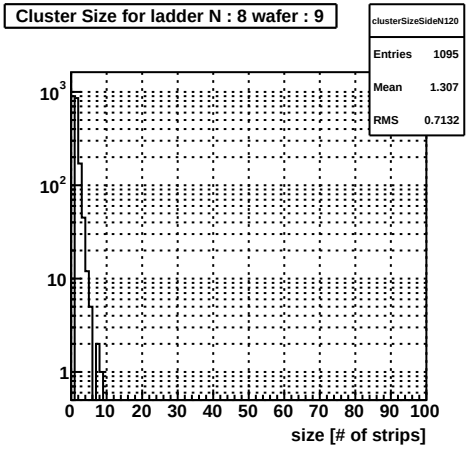

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2181
Mean 1.304
RMS 0.7416
size [# of strips]

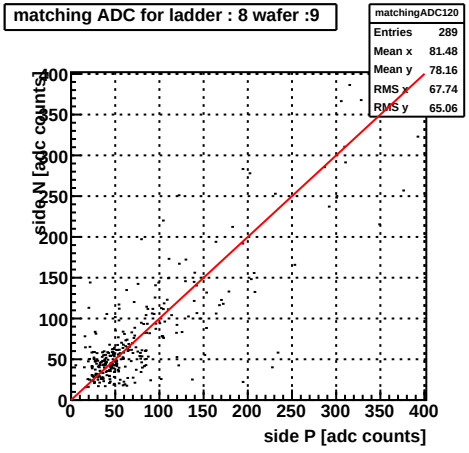

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 317
Mean x 79.01
Mean y 72.92
RMS x 70.28
RMS y 68.25
side N [adc counts]
side P [adc counts]

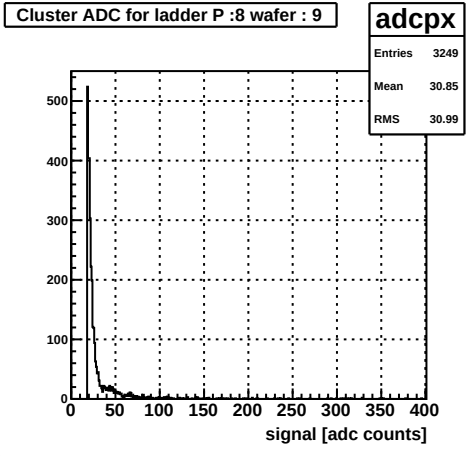

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5494
Mean 36.26
RMS 30.64
signal [adc counts]

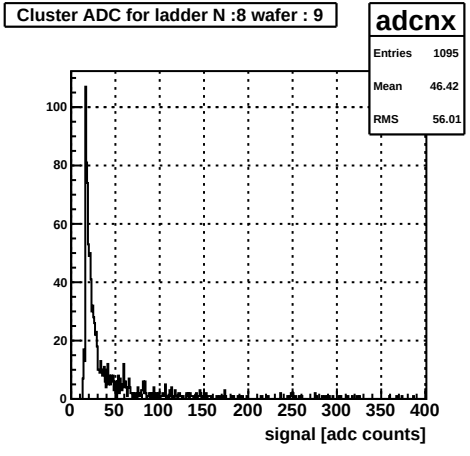

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2181
Mean 30.13
RMS 38.76
signal [adc counts]

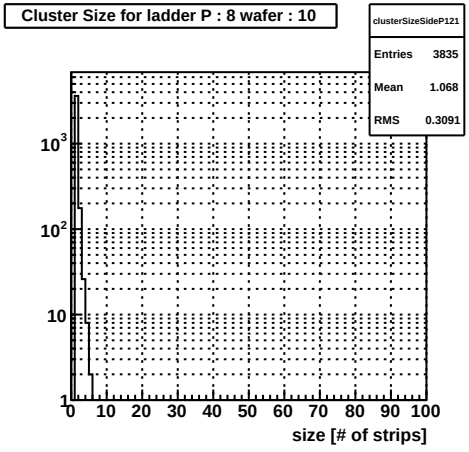

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3249
Mean 1.131
RMS 0.4167
size [# of strips]

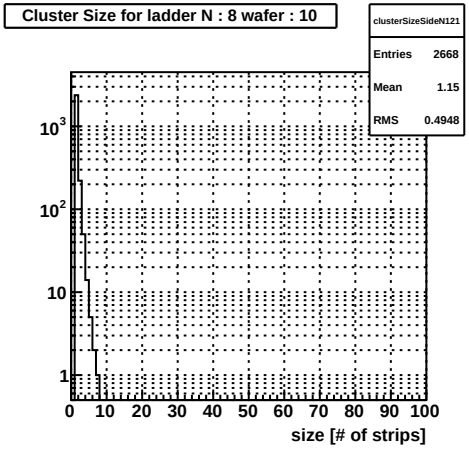

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1095
Mean 1.307
RMS 0.7132
size [# of strips]

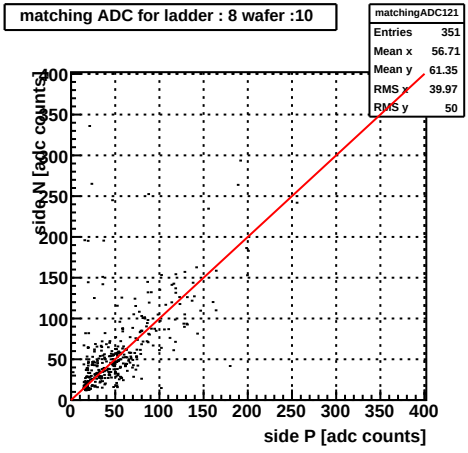

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 289
Mean x 81.48
Mean y 78.16
RMS x 67.74
RMS y 65.06
side N [adc counts]
side P [adc counts]

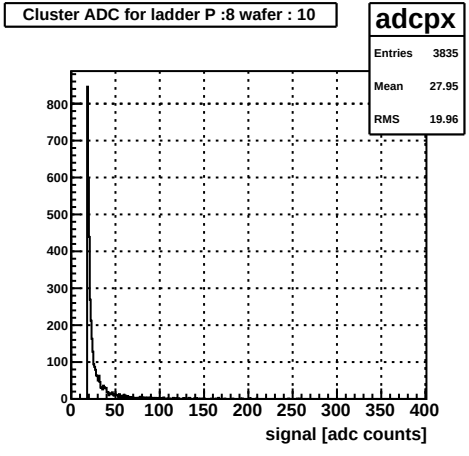

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3249
Mean 30.85
RMS 30.99
signal [adc counts]

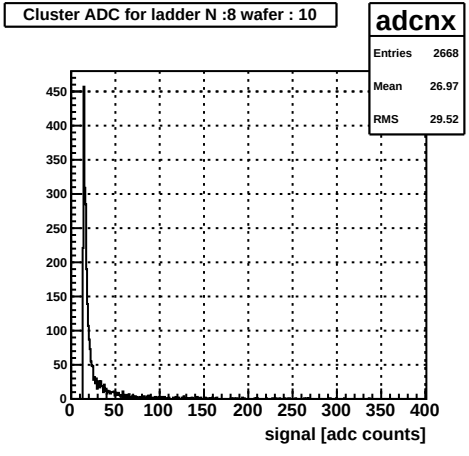

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1095
Mean 46.42
RMS 56.01
signal [adc counts]

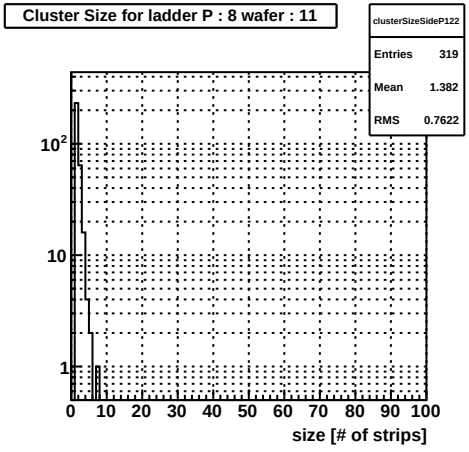

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3835
Mean 1.068
RMS 0.3091
size [# of strips]

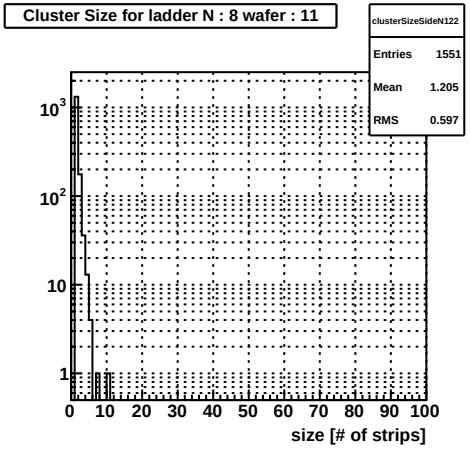

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2668
Mean 1.15
RMS 0.4948
size [# of strips]

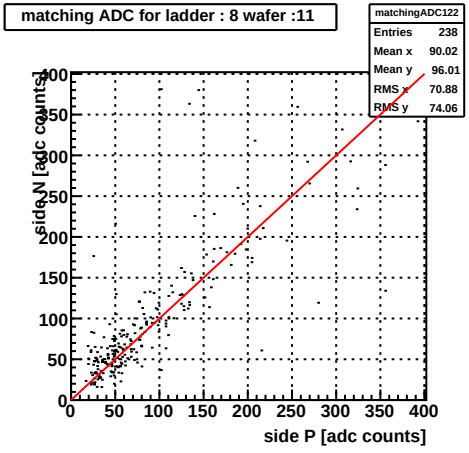

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 351
Mean x 56.71
Mean y 61.35
RMS x 39.97
RMS y 50
side N [adc counts]
side P [adc counts]

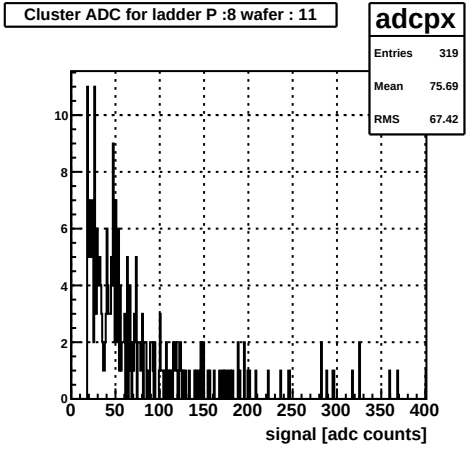

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3835
Mean 27.95
RMS 19.96
signal [adc counts]

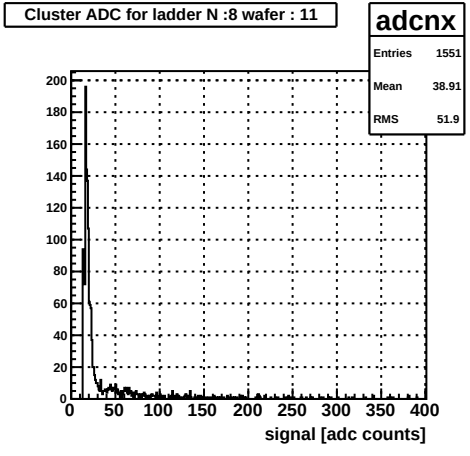

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2668
Mean 26.97
RMS 29.52
signal [adc counts]

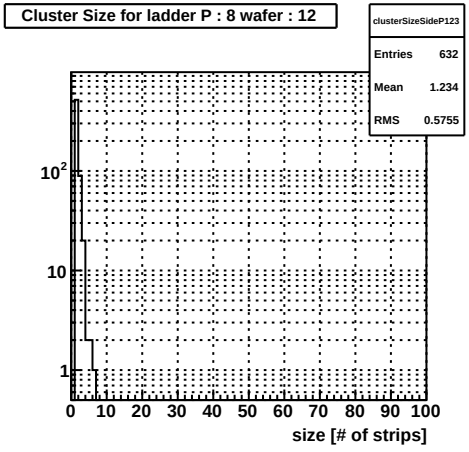

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 319
Mean 1.382
RMS 0.7622
size [# of strips]

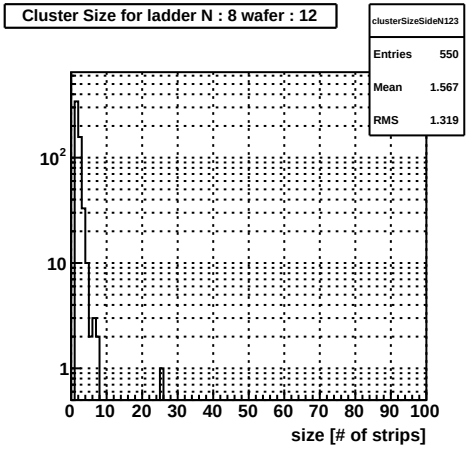

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1551
Mean 1.205
RMS 0.597
size [# of strips]

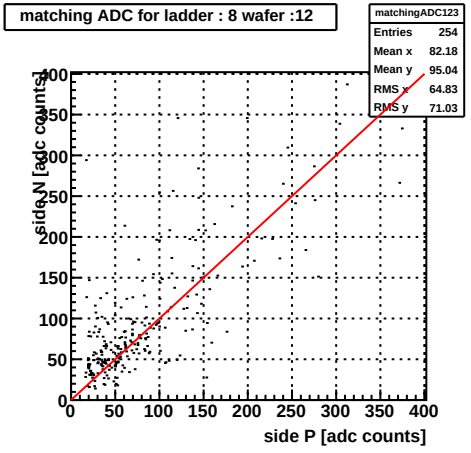

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 238
Mean x 90.02
Mean y 96.01
RMS x 70.88
RMS y 74.06
side N [adc counts]
side P [adc counts]

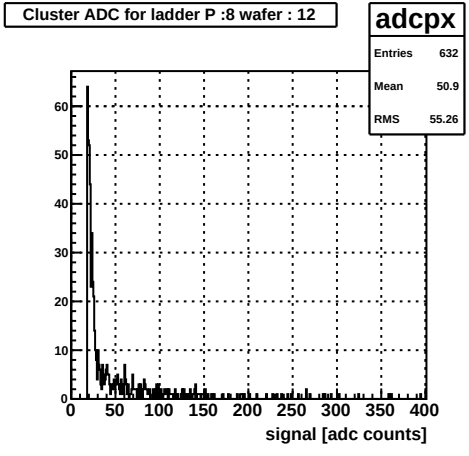

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 319
Mean 75.69
RMS 67.42
signal [adc counts]

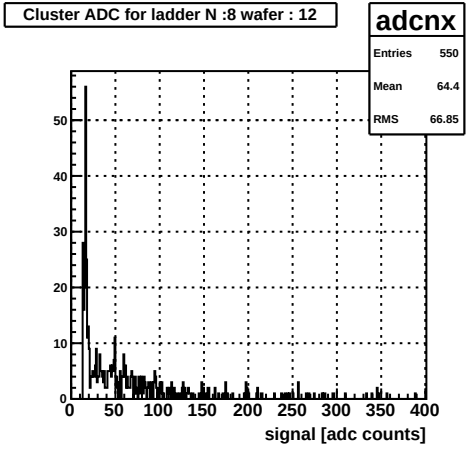

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1551
Mean 38.91
RMS 51.9
signal [adc counts]

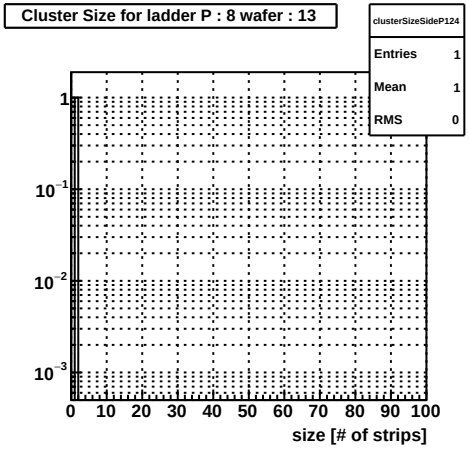

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 632
Mean 1.234
RMS 0.5755
size [# of strips]

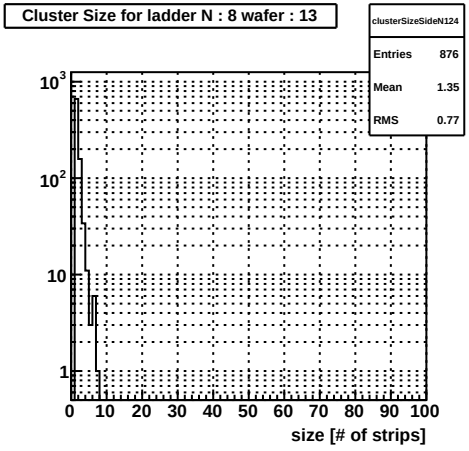

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 550
Mean 1.567
RMS 1.319
size [# of strips]

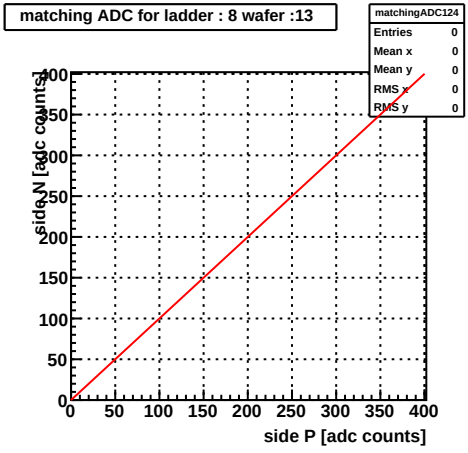

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 254
Mean x 82.18
Mean y 95.04
RMS x 64.83
RMS y 71.03
side N [adc counts]
side P [adc counts]

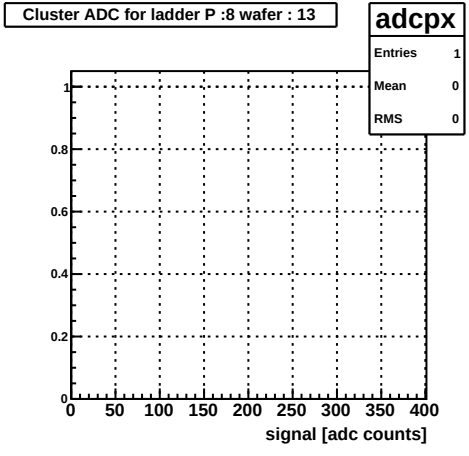

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 632
Mean 50.9
RMS 55.26
signal [adc counts]

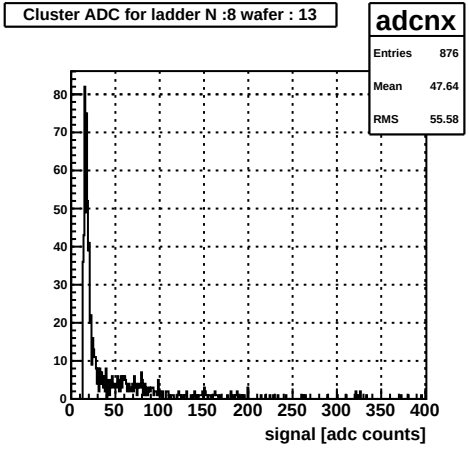

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 550
Mean 64.4
RMS 66.85
signal [adc counts]

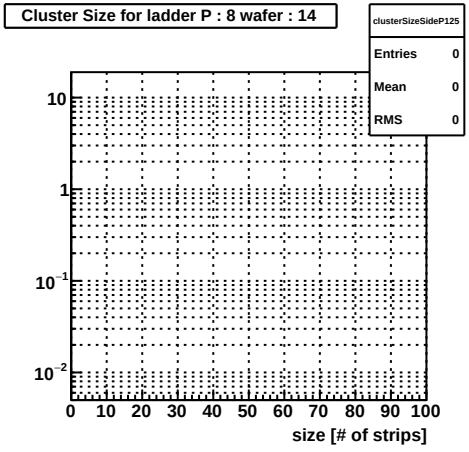

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

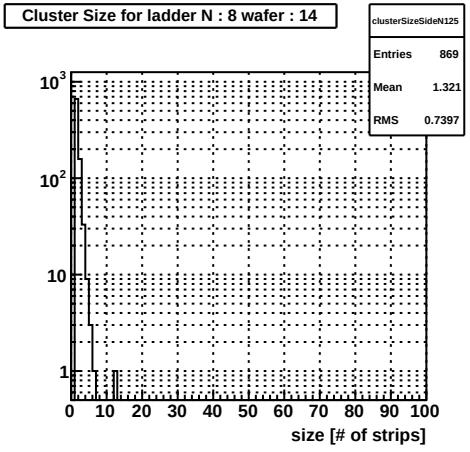

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 876
Mean 1.35
RMS 0.77
size [# of strips]

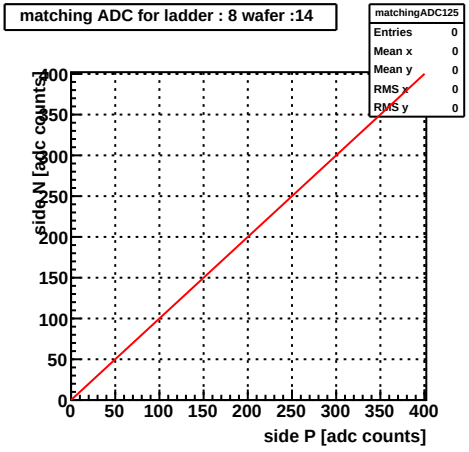

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

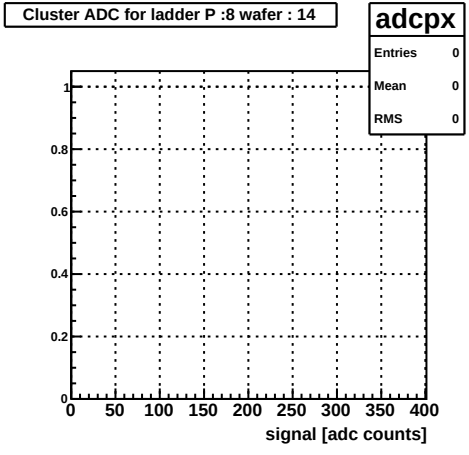

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

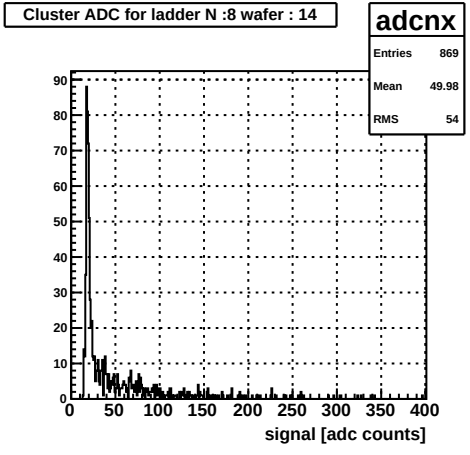

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 876
Mean 47.64
RMS 55.58
signal [adc counts]

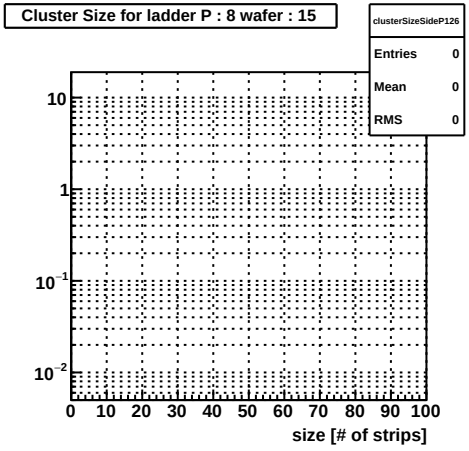

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

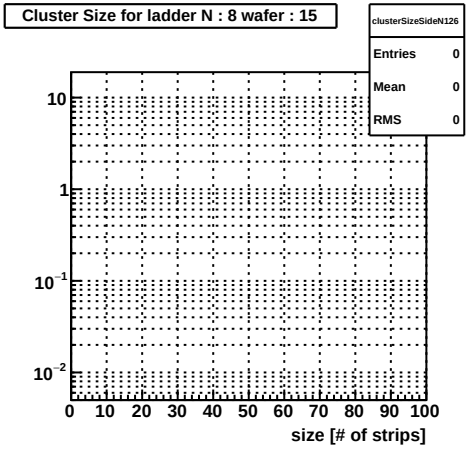

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 869
Mean 1.321
RMS 0.7397
size [# of strips]

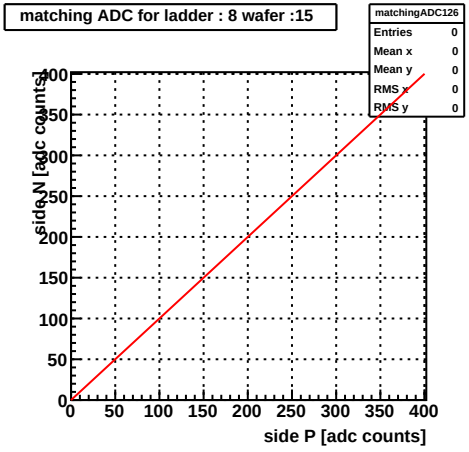

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

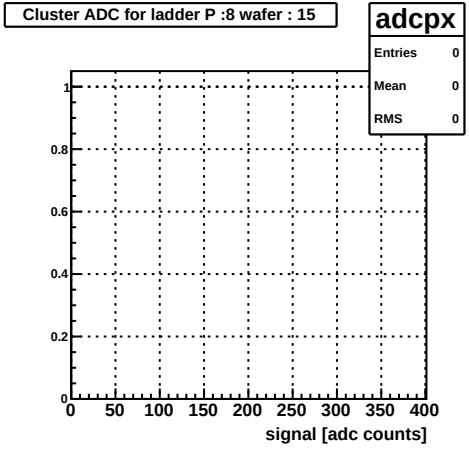

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

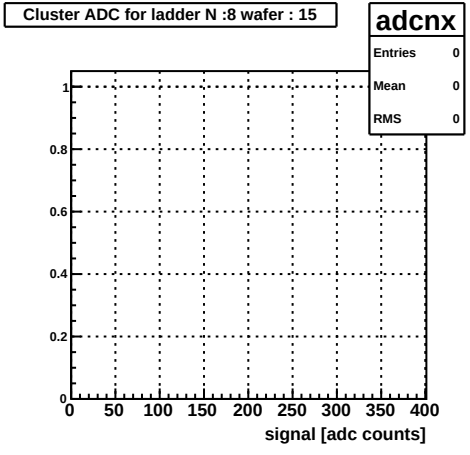

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 869
Mean 49.98
RMS 54
signal [adc counts]

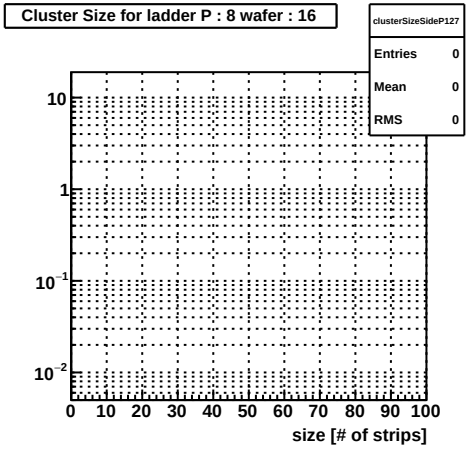

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

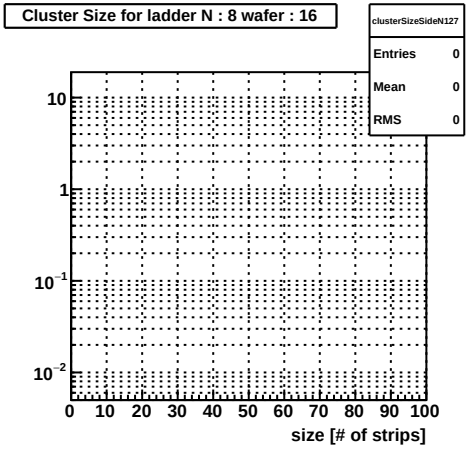

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

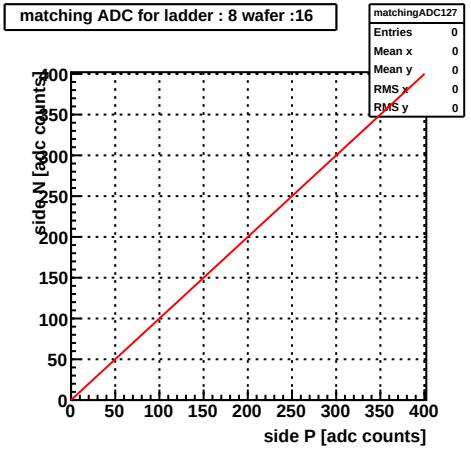

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

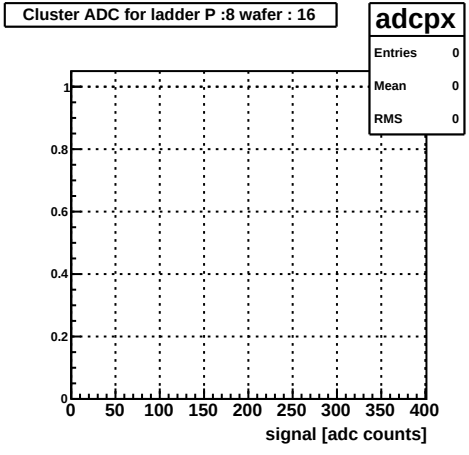

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

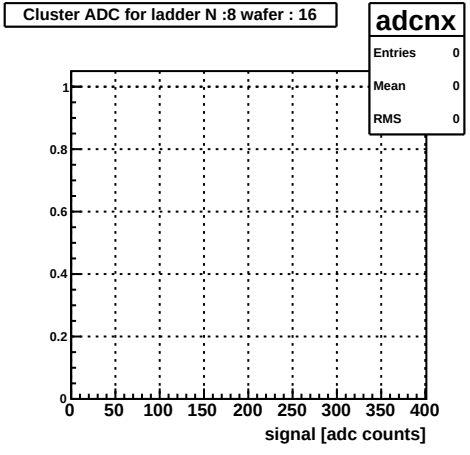

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

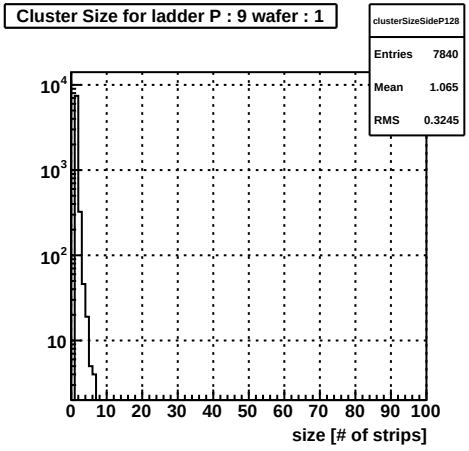

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

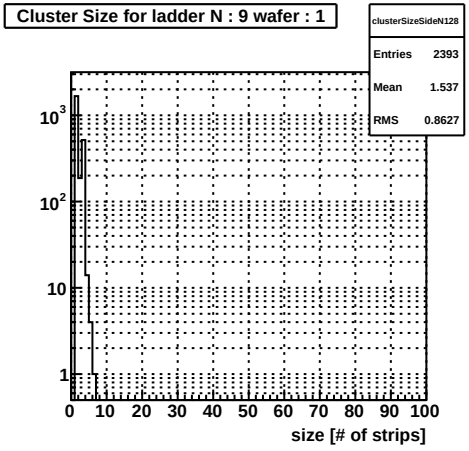

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

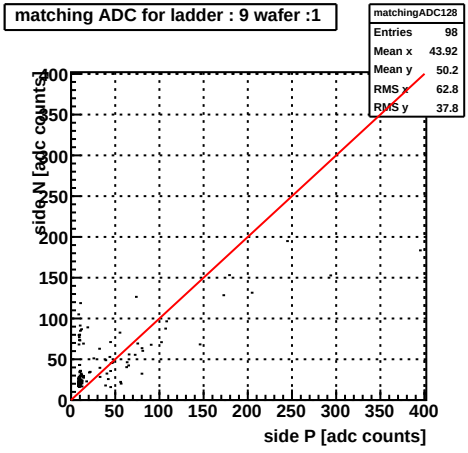

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

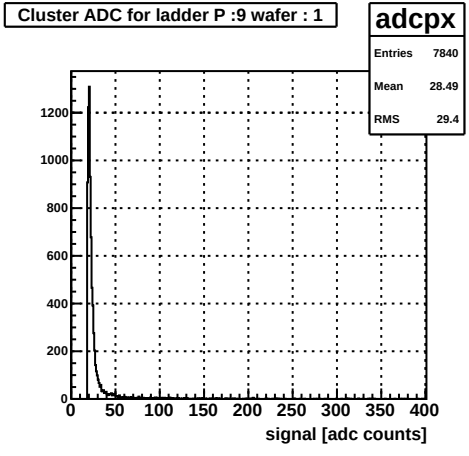

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

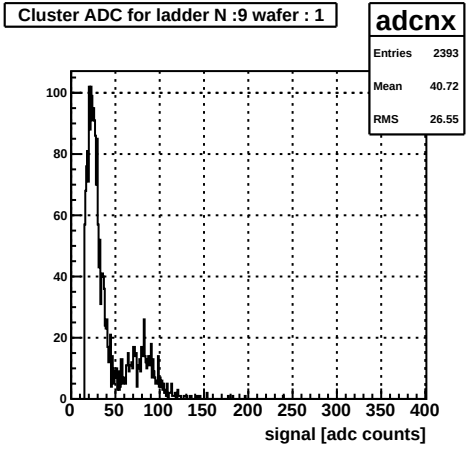

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

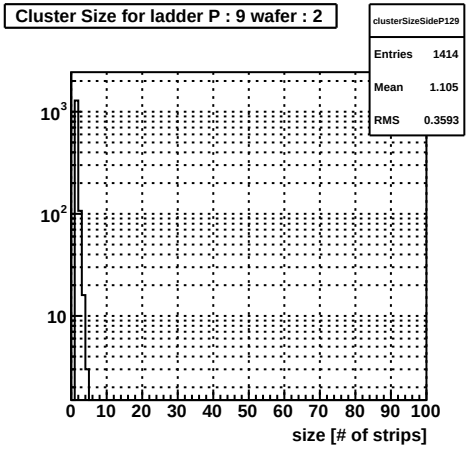

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7840
Mean 1.065
RMS 0.3245
size [# of strips]

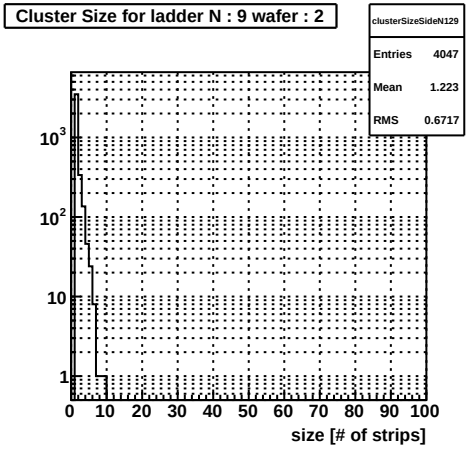

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2393
Mean 1.537
RMS 0.8627
size [# of strips]

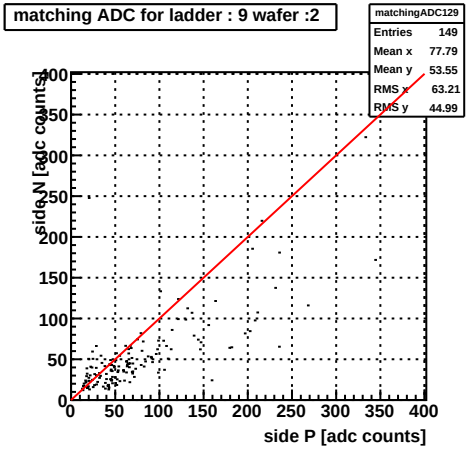

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 98
Mean x 43.92
Mean y 50.2
RMS x 62.8
RMS y 37.8
side N [adc counts]
side P [adc counts]

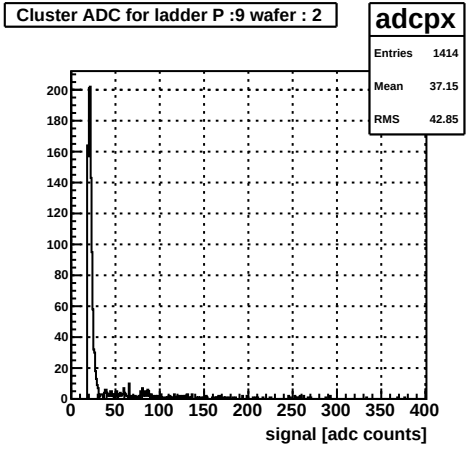

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7840
Mean 28.49
RMS 29.4
signal [adc counts]

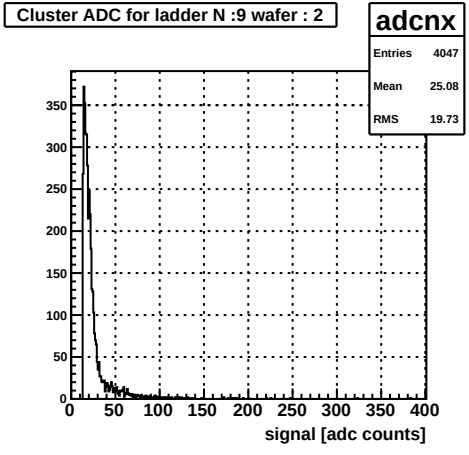

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2393
Mean 40.72
RMS 26.55
signal [adc counts]

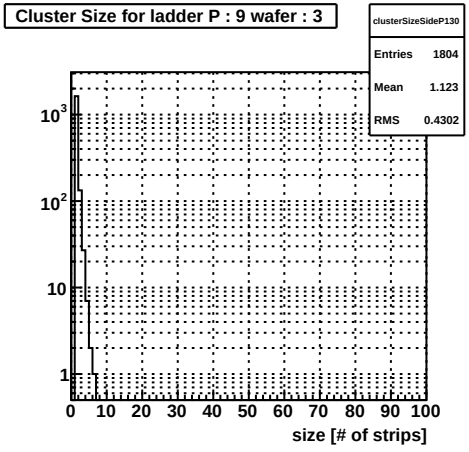

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1414
Mean 1.105
RMS 0.3593
size [# of strips]

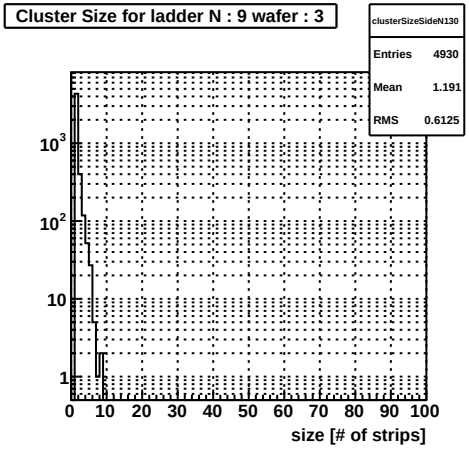

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4047
Mean 1.223
RMS 0.6717
size [# of strips]

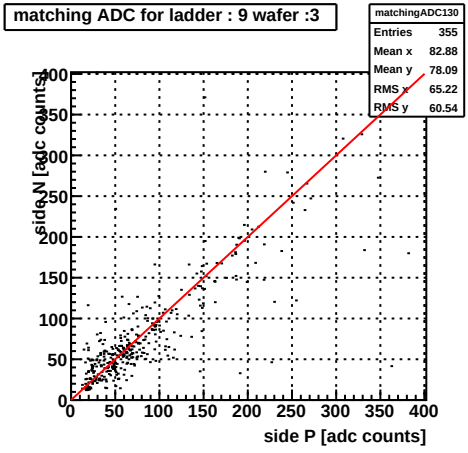

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 149
Mean x 77.79
Mean y 53.55
RMS x 63.21
RMS y 44.99
side N [adc counts]
side P [adc counts]

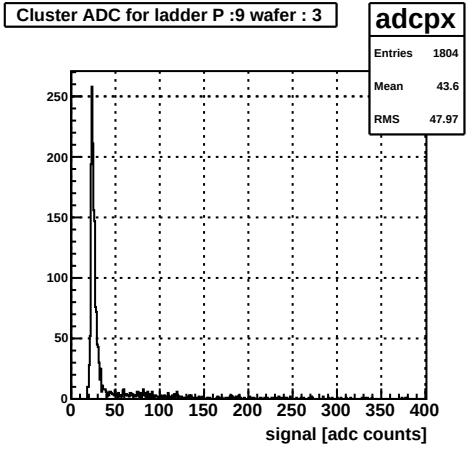

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1414
Mean 37.15
RMS 42.85
signal [adc counts]

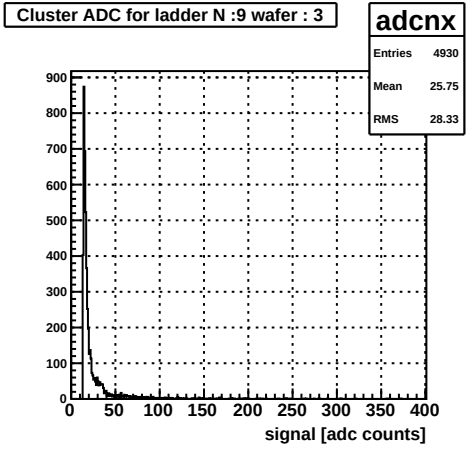

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4047
Mean 25.08
RMS 19.73
signal [adc counts]

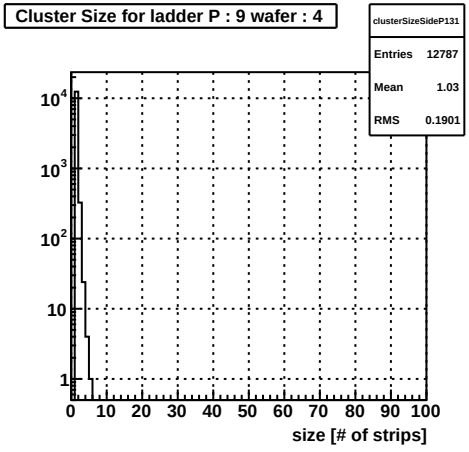

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1804
Mean 1.123
RMS 0.4302
size [# of strips]

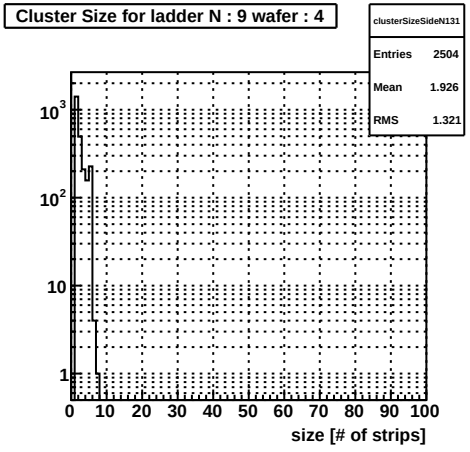

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4930
Mean 1.191
RMS 0.6125
size [# of strips]

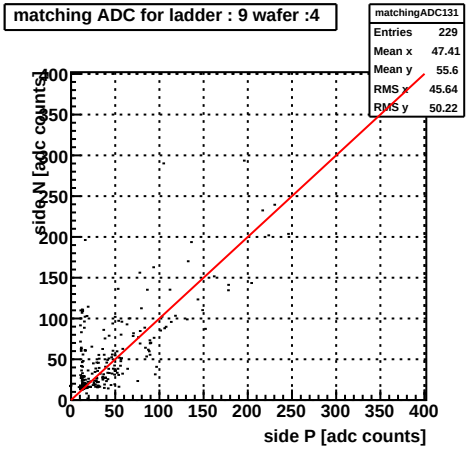

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 355
Mean x 82.88
Mean y 78.09
RMS x 65.22
RMS y 60.54
side N [adc counts]
side P [adc counts]

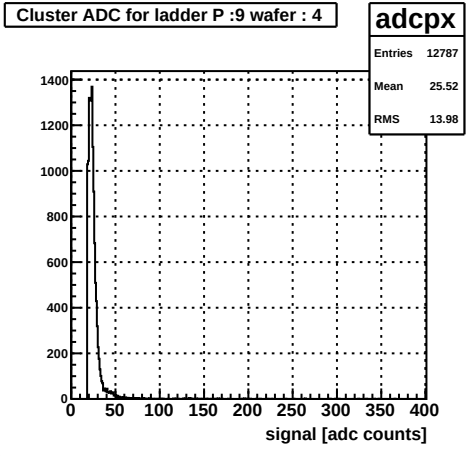

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1804
Mean 43.6
RMS 47.97
signal [adc counts]

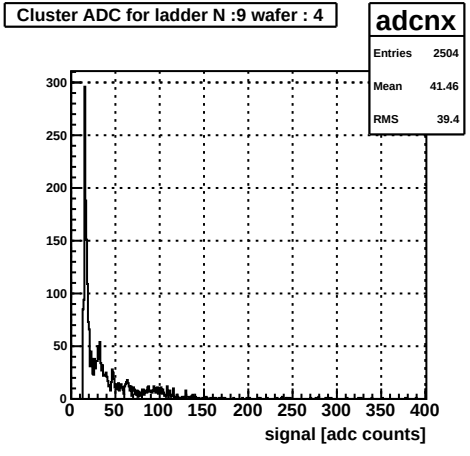

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4930
Mean 25.75
RMS 28.33
signal [adc counts]

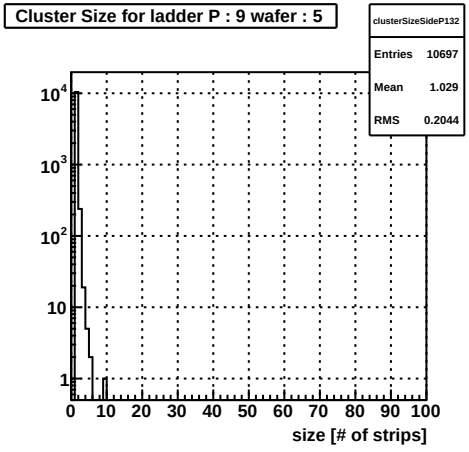

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12787
Mean 1.03
RMS 0.1901
size [# of strips]

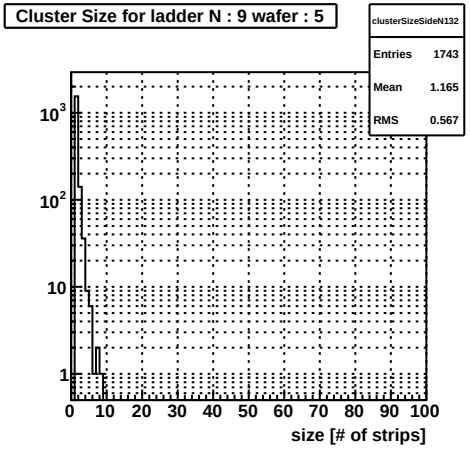

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2504
Mean 1.926
RMS 1.321
size [# of strips]

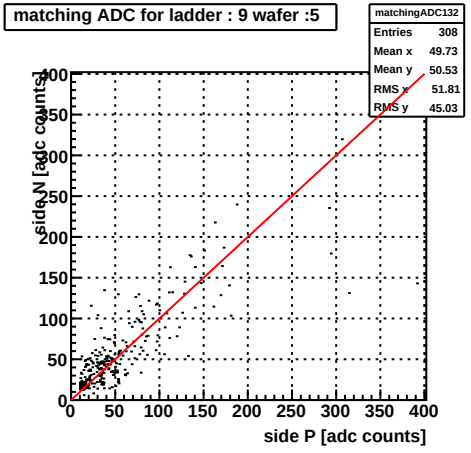

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 229
Mean x 47.41
Mean y 55.6
RMS x 45.64
RMS y 50.22
side N [adc counts]
side P [adc counts]

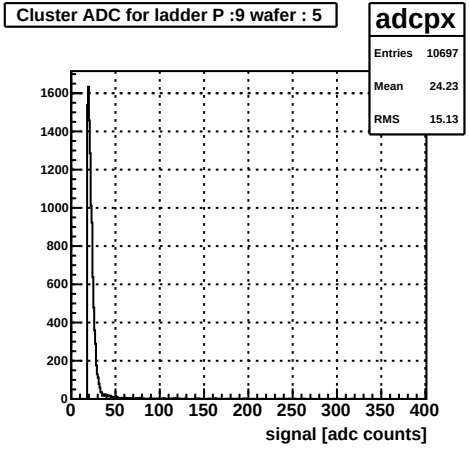

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12787
Mean 25.52
RMS 13.98
signal [adc counts]

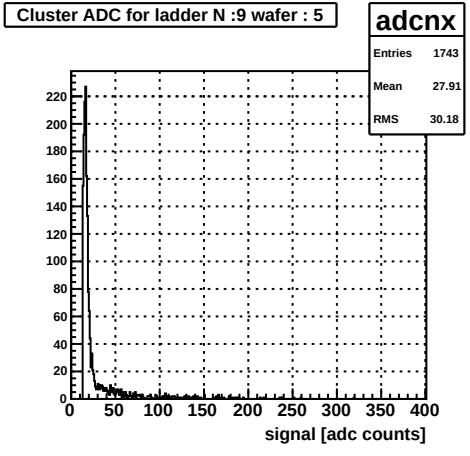

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2504
Mean 41.46
RMS 39.4
signal [adc counts]

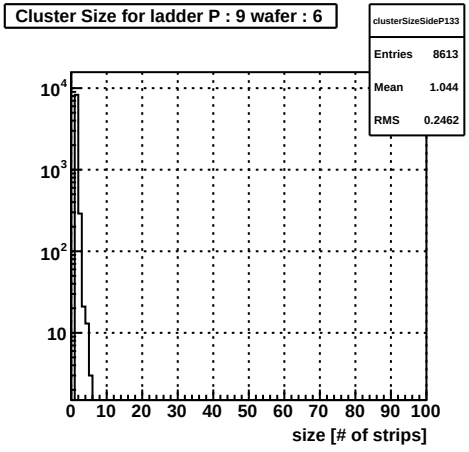

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 10697
Mean 1.029
RMS 0.2044
size [# of strips]

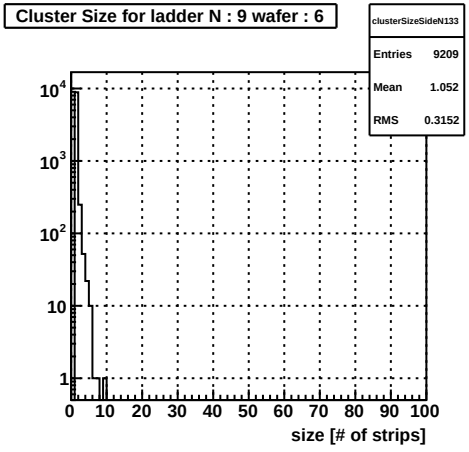

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1743
Mean 1.165
RMS 0.567
size [# of strips]

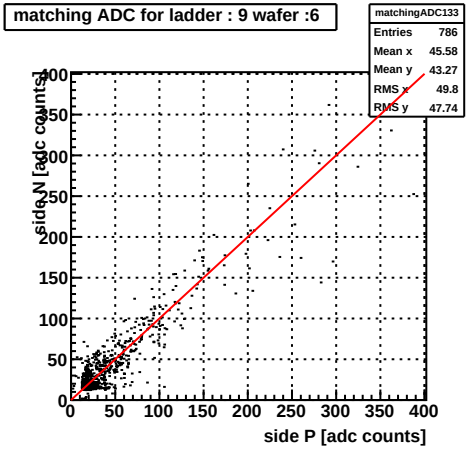

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 308
Mean x 49.73
Mean y 50.53
RMS x 51.81
RMS y 45.03
side N [adc counts]
side P [adc counts]

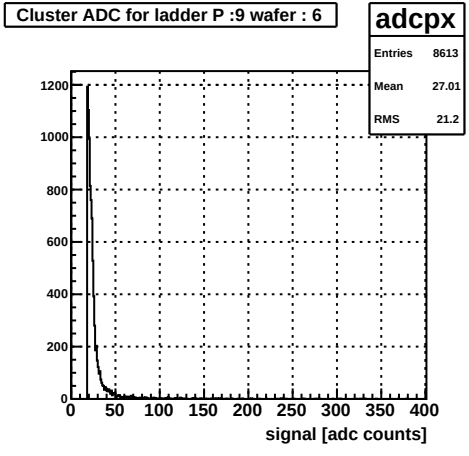

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 10697
Mean 24.23
RMS 15.13
signal [adc counts]

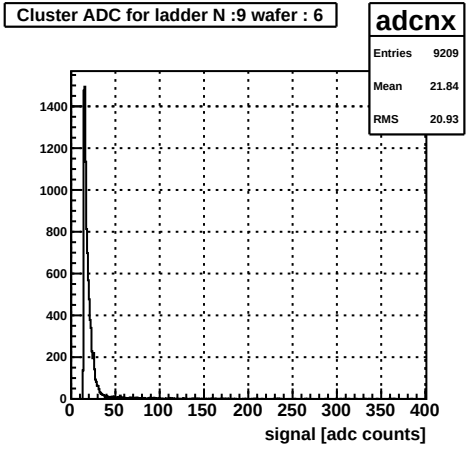

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1743
Mean 27.91
RMS 30.18
signal [adc counts]

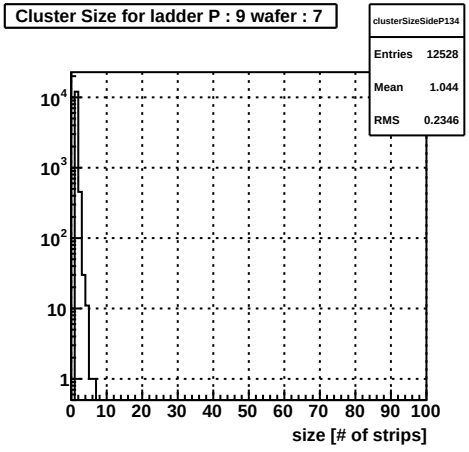

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8613
Mean 1.044
RMS 0.2462
size [# of strips]

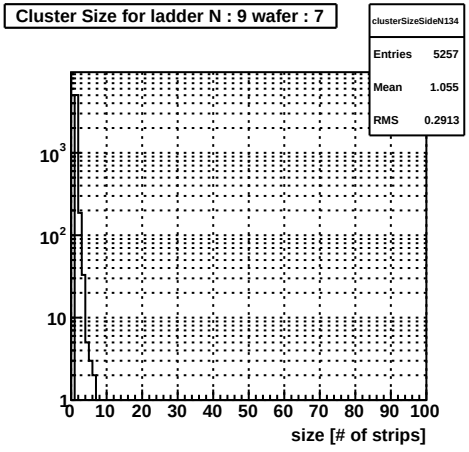

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9209
Mean 1.052
RMS 0.3152
size [# of strips]

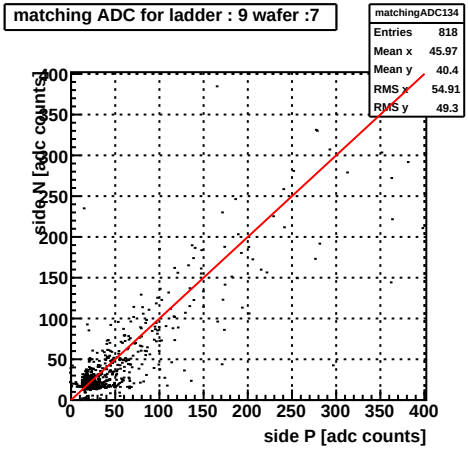

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 786
Mean x 45.58
Mean y 43.27
RMS x 49.8
RMS y 47.74
side N [adc counts]
side P [adc counts]

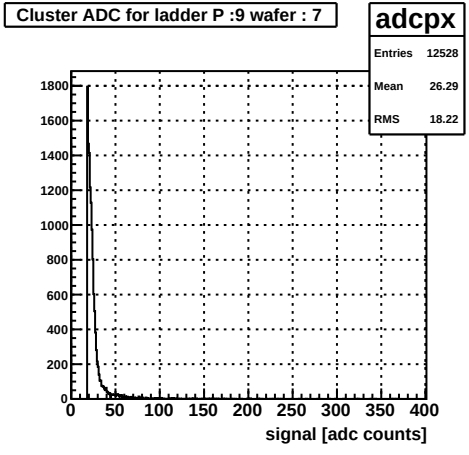

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8613
Mean 27.01
RMS 21.2
signal [adc counts]

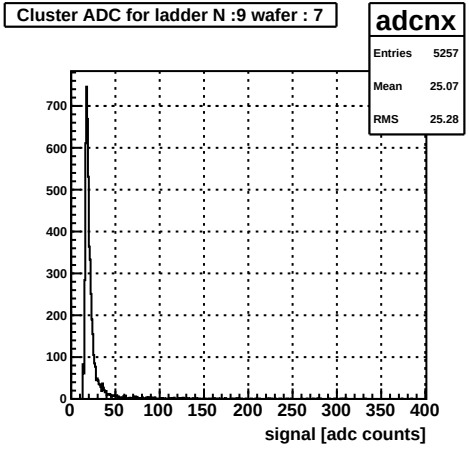

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9209
Mean 21.84
RMS 20.93
signal [adc counts]

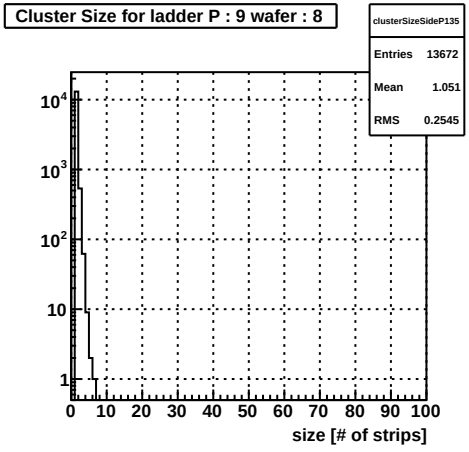

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 12528
Mean 1.044
RMS 0.2346
size [# of strips]

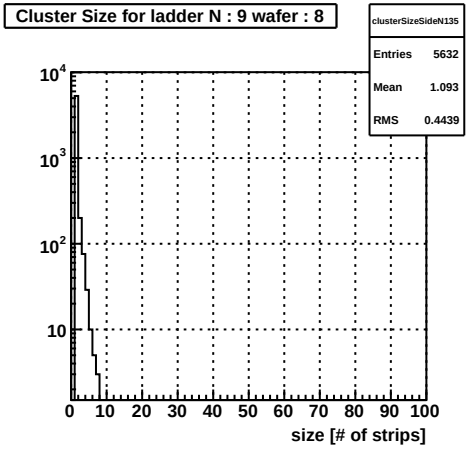

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 5257
Mean 1.055
RMS 0.2913
size [# of strips]

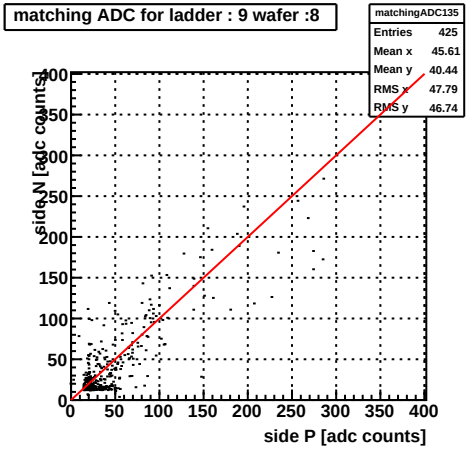

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 818
Mean x 45.97
Mean y 40.4
RMS x 54.91
RMS y 49.3
side N [adc counts]
side P [adc counts]

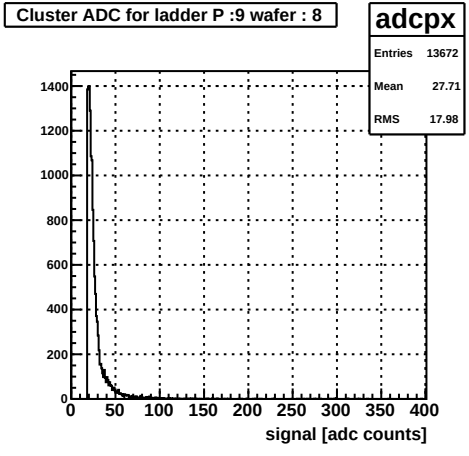

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 12528
Mean 26.29
RMS 18.22
signal [adc counts]

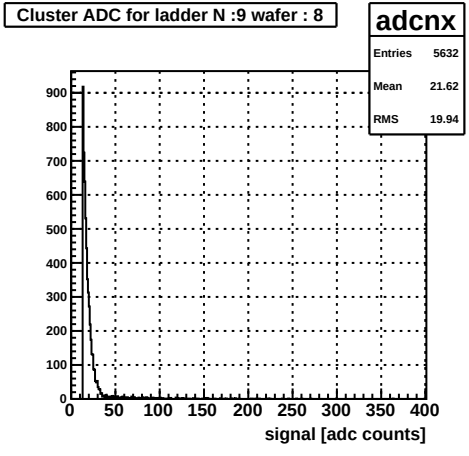

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 5257
Mean 25.07
RMS 25.28
signal [adc counts]

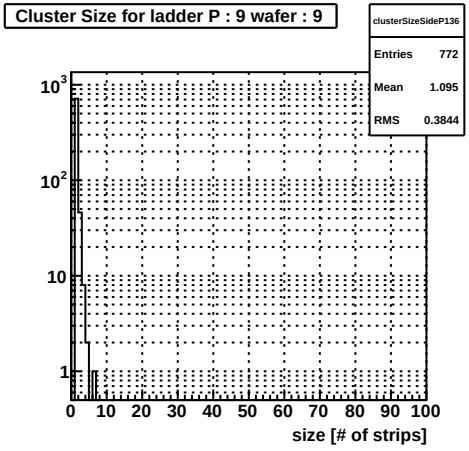

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13672
Mean 1.051
RMS 0.2545
size [# of strips]

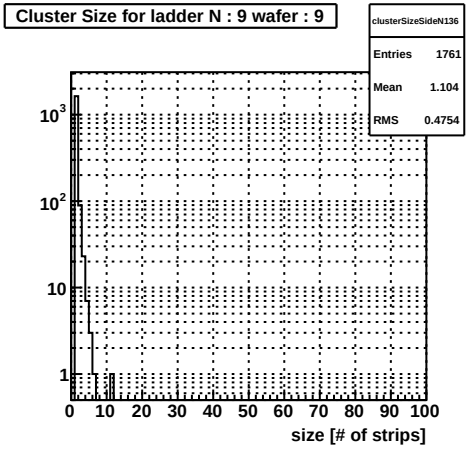

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5632
Mean 1.093
RMS 0.4439
size [# of strips]

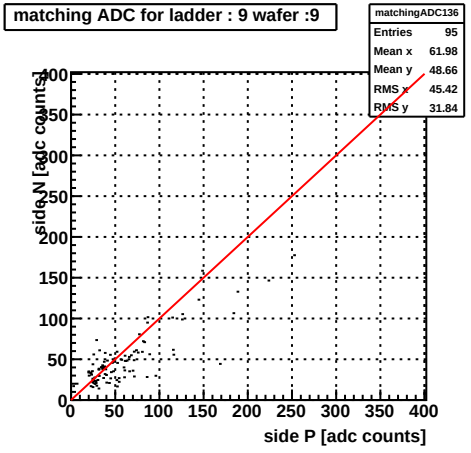

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 425
Mean x 45.61
Mean y 40.44
RMS x 47.79
RMS y 46.74
side N [adc counts]
side P [adc counts]

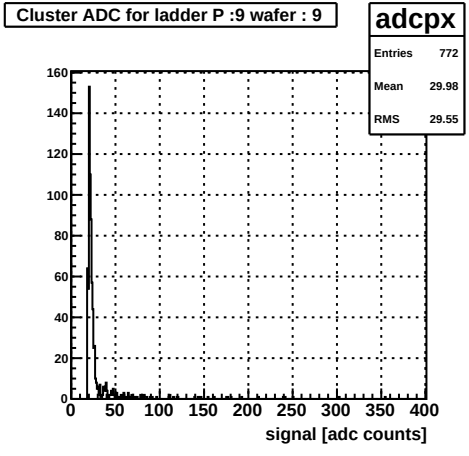

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13672
Mean 27.71
RMS 17.98
signal [adc counts]

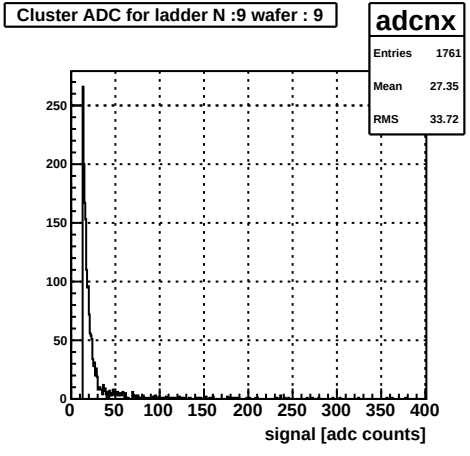

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5632
Mean 21.62
RMS 19.94
signal [adc counts]

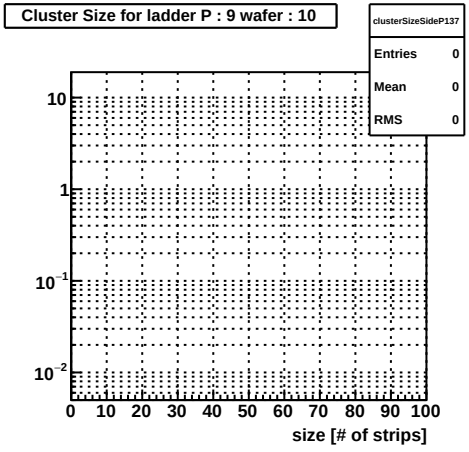

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 772
Mean 1.095
RMS 0.3844
size [# of strips]

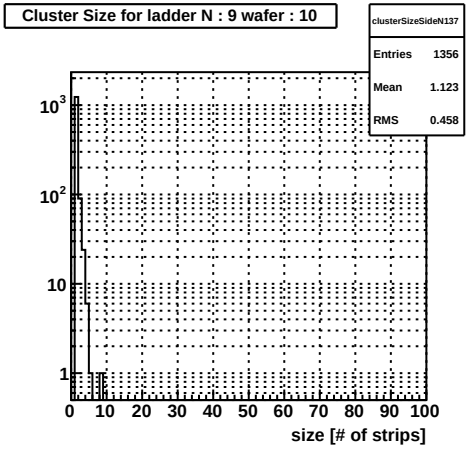

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1761
Mean 1.104
RMS 0.4754
size [# of strips]

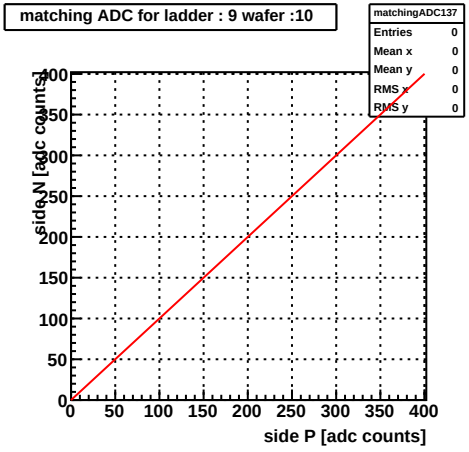

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 95
Mean x 61.98
Mean y 48.66
RMS x 45.42
RMS y 31.84
side N [adc counts]
side P [adc counts]

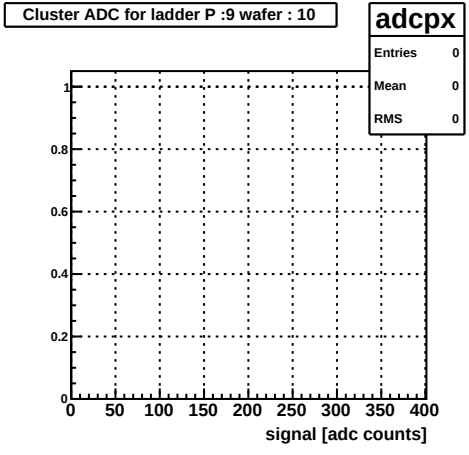

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 772
Mean 29.98
RMS 29.55
signal [adc counts]

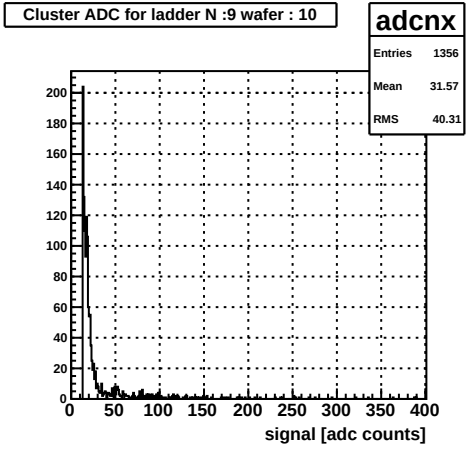

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1761
Mean 27.35
RMS 33.72
signal [adc counts]

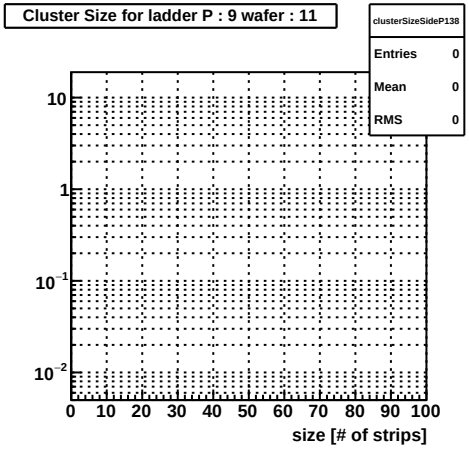

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

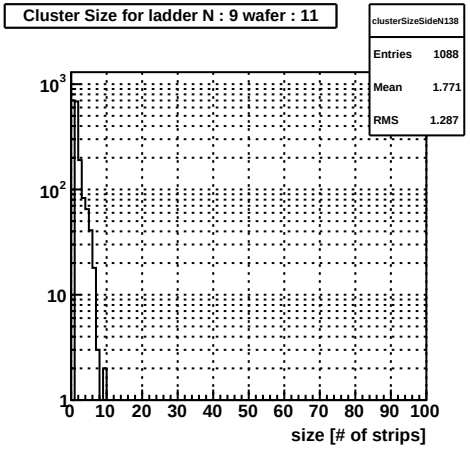

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1356
Mean 1.123
RMS 0.458
size [# of strips]

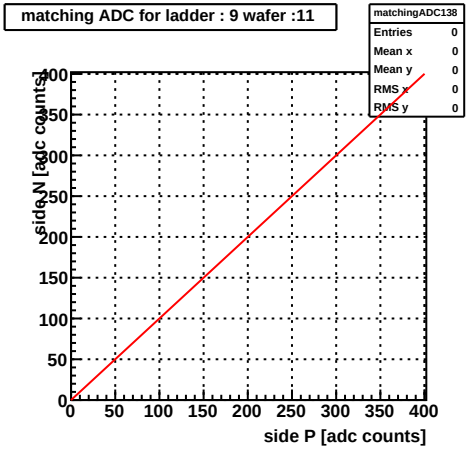

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

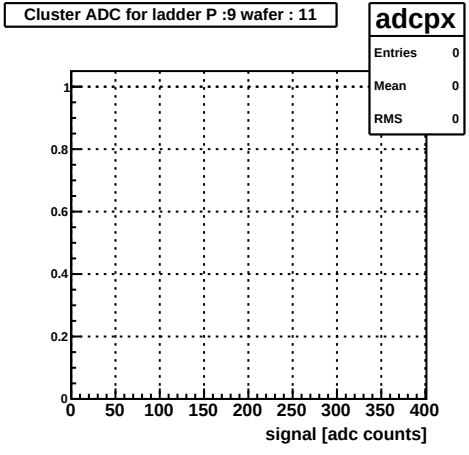

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

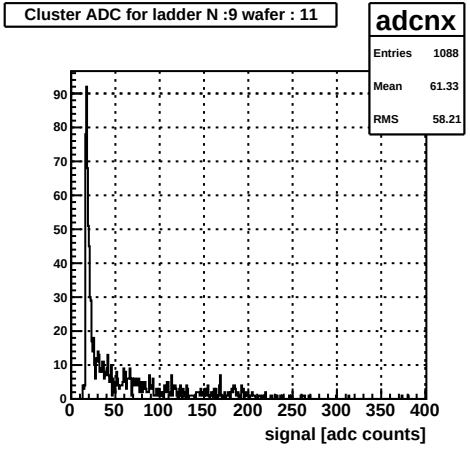

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1356
Mean 31.57
RMS 40.31
signal [adc counts]

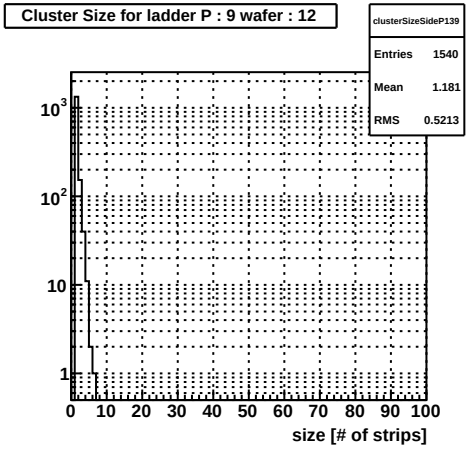

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

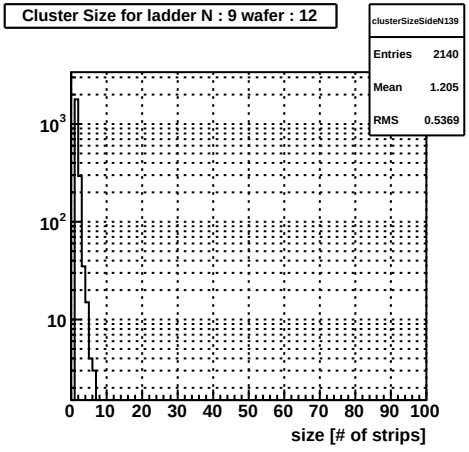

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1088
Mean 1.771
RMS 1.287
size [# of strips]

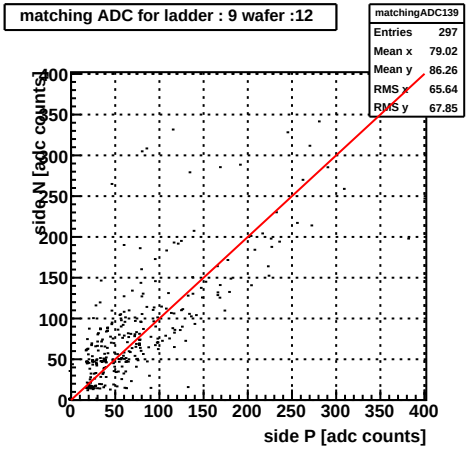

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

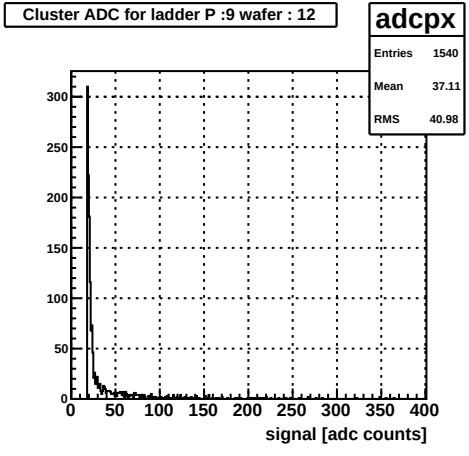

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

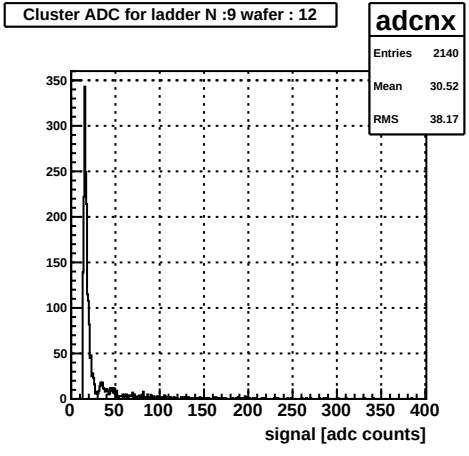

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1088
Mean 61.33
RMS 58.21
signal [adc counts]

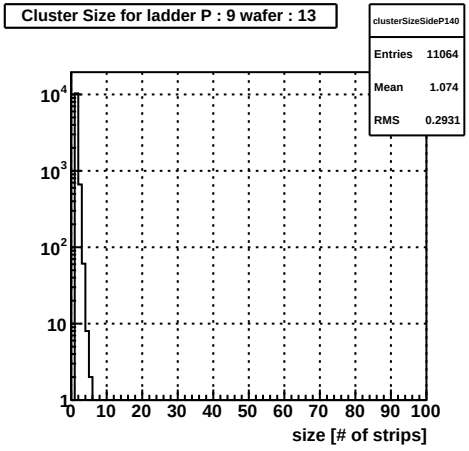

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1540
Mean 1.181
RMS 0.5213
size [# of strips]

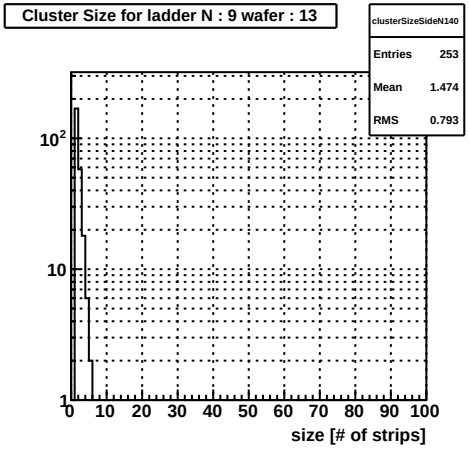

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2140
Mean 1.205
RMS 0.5369
size [# of strips]

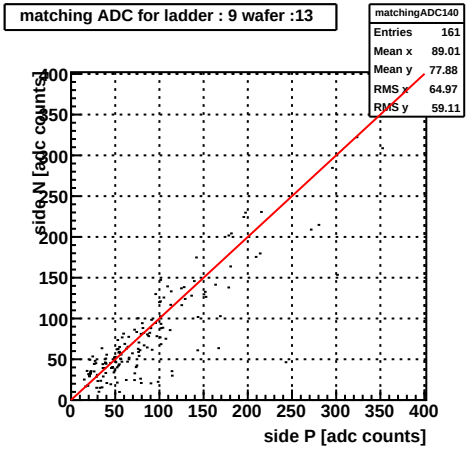

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 297
Mean x 79.02
Mean y 86.26
RMS x 65.64
RMS y 67.85
side N [adc counts]
side P [adc counts]

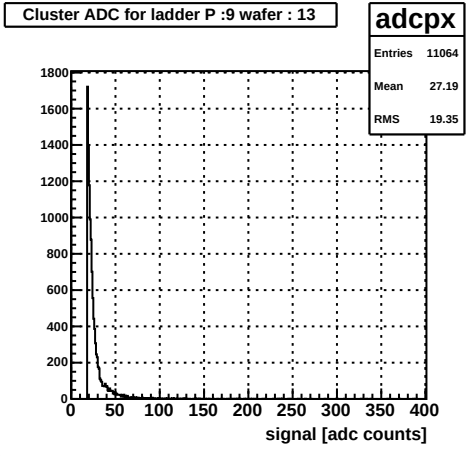

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1540
Mean 37.11
RMS 40.98
signal [adc counts]

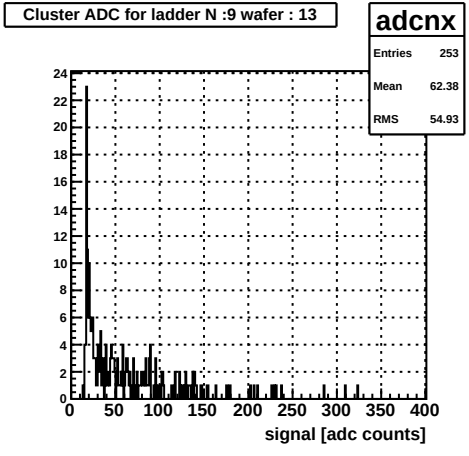

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2140
Mean 30.52
RMS 38.17
signal [adc counts]

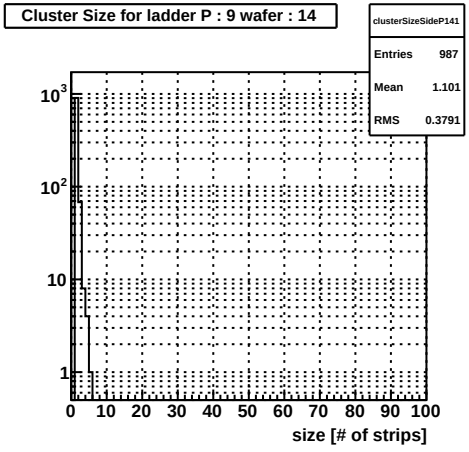

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 11064
Mean 1.074
RMS 0.2931
size [# of strips]

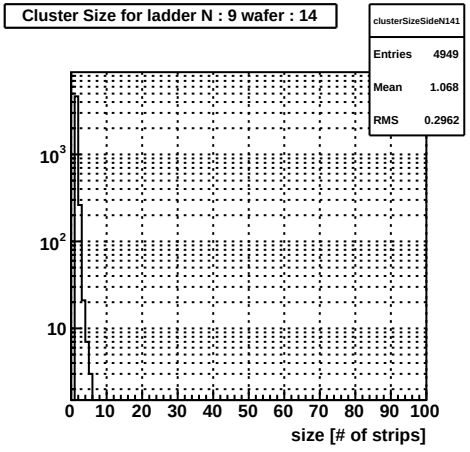

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 253
Mean 1.474
RMS 0.793
size [# of strips]

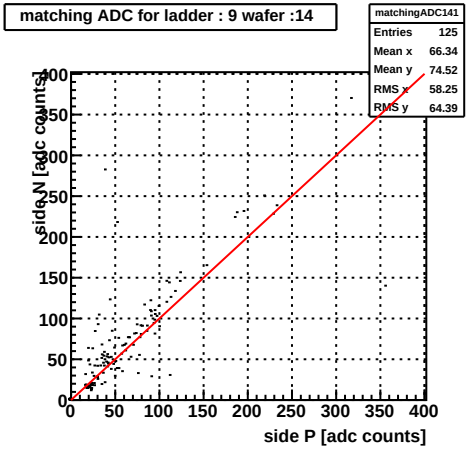

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 161
Mean x 89.01
Mean y 77.88
RMS x 64.97
RMS y 59.11
side N [adc counts]
side P [adc counts]

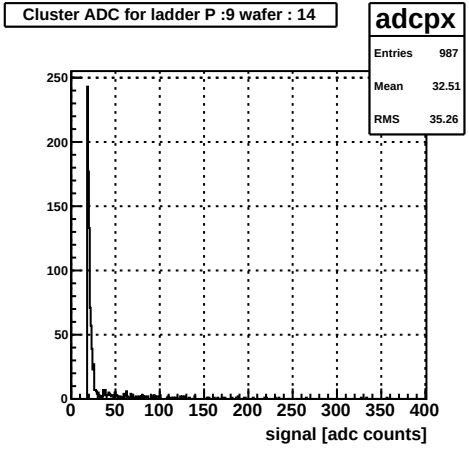

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 11064
Mean 27.19
RMS 19.35
signal [adc counts]

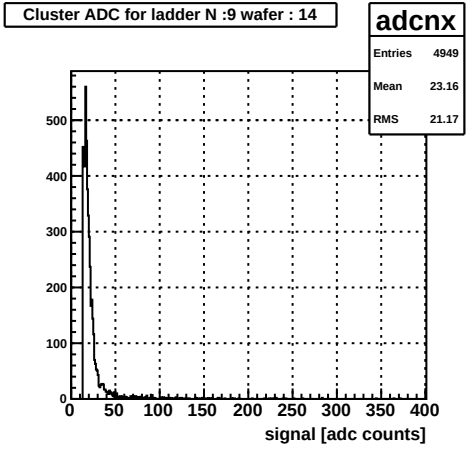

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 253
Mean 62.38
RMS 54.93
signal [adc counts]

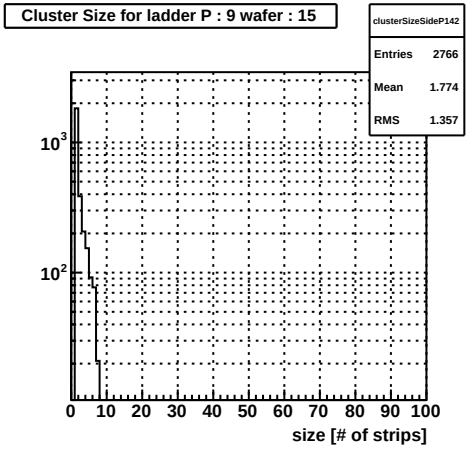

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 987
Mean 1.101
RMS 0.3791
size [# of strips]

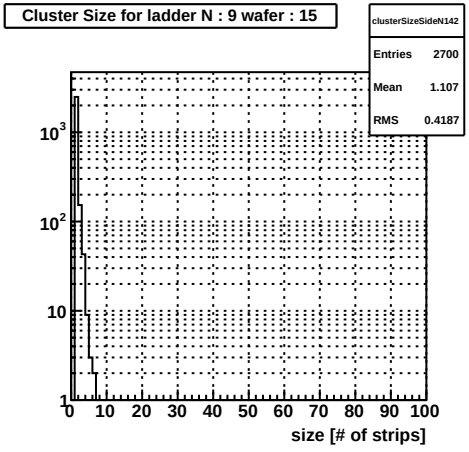

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4949
Mean 1.068
RMS 0.2962
size [# of strips]

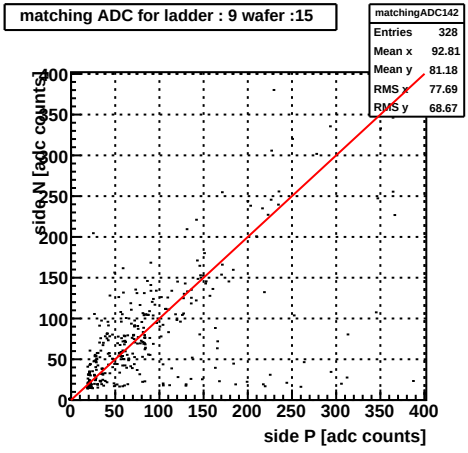

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 125
Mean x 66.34
Mean y 74.52
RMS x 58.25
RMS y 64.39
side N [adc counts]
side P [adc counts]

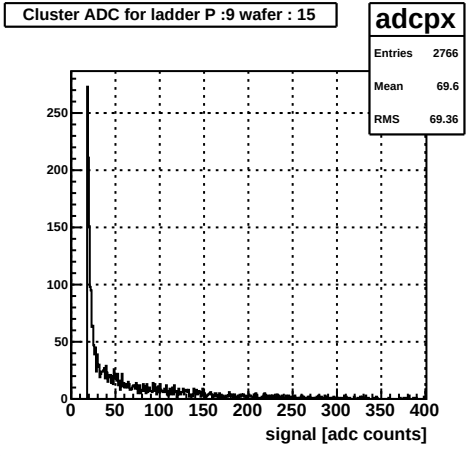

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 987
Mean 32.51
RMS 35.26
signal [adc counts]

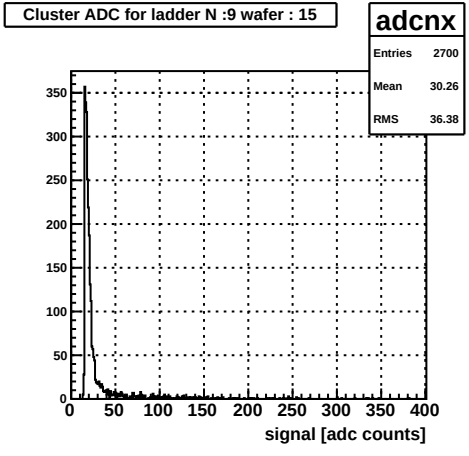

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4949
Mean 23.16
RMS 21.17
signal [adc counts]

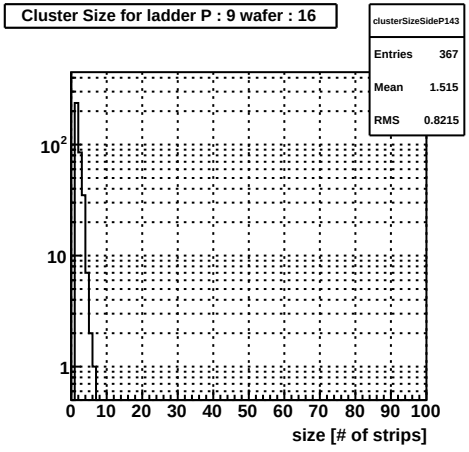

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2766
Mean 1.774
RMS 1.357
size [# of strips]

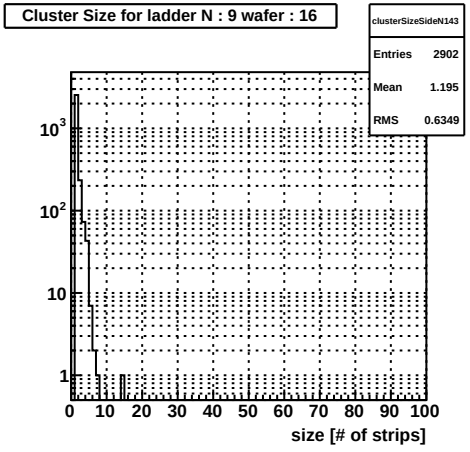

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2700
Mean 1.107
RMS 0.4187
size [# of strips]

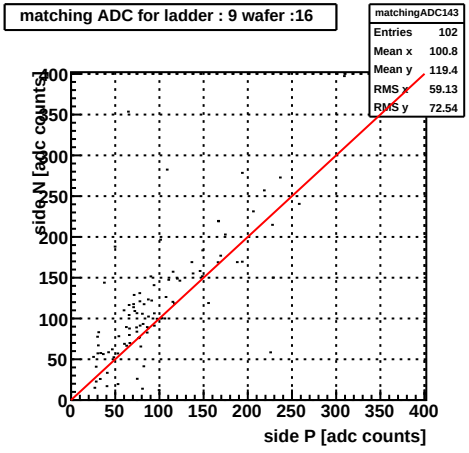

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 328
Mean x 92.81
Mean y 81.18
RMS x 77.69
RMS y 68.67
side N [adc counts]
side P [adc counts]

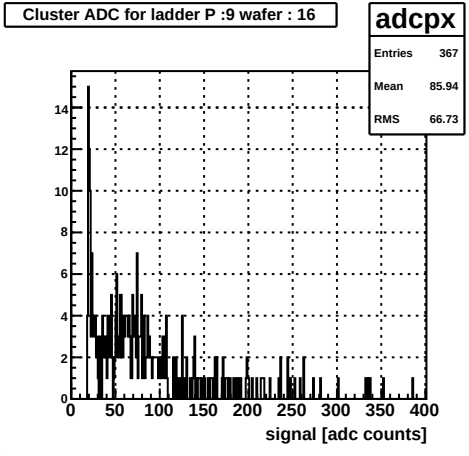

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2766
Mean 69.6
RMS 69.36
signal [adc counts]

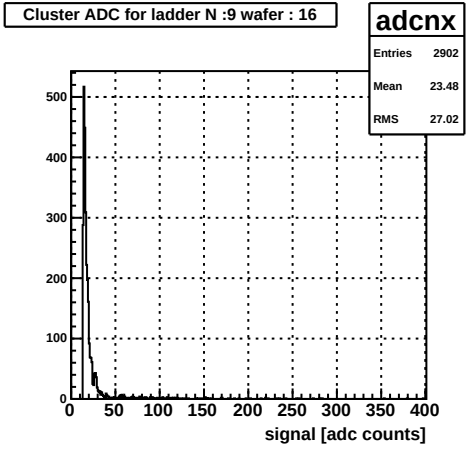

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2700
Mean 30.26
RMS 36.38
signal [adc counts]

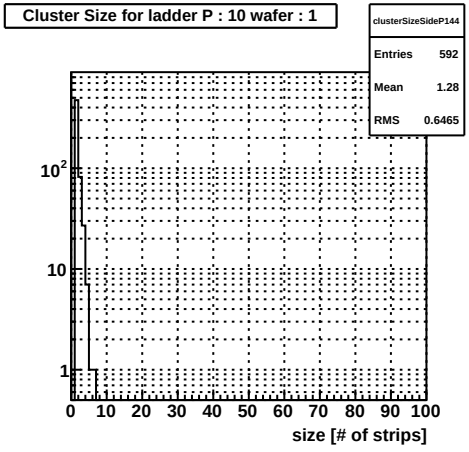

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 367
Mean 1.515
RMS 0.8215
size [# of strips]

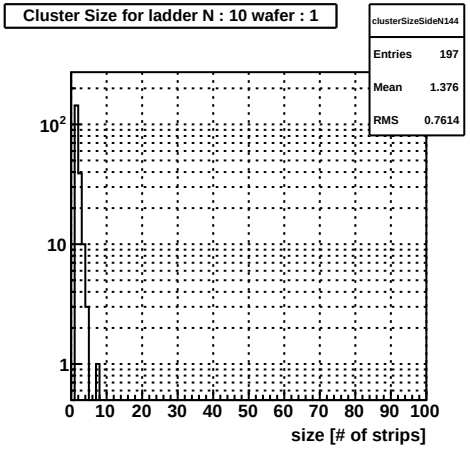

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2902
Mean 1.195
RMS 0.6349
size [# of strips]

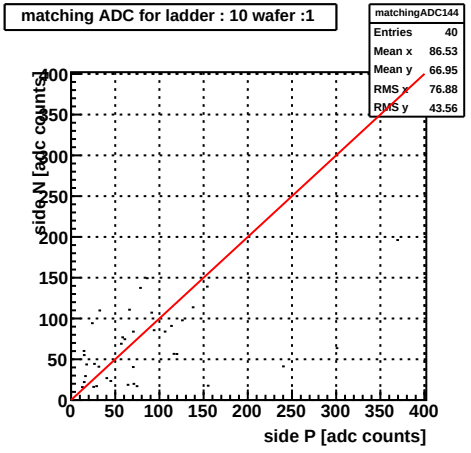

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 102
Mean x 100.8
Mean y 119.4
RMS x 59.13
RMS y 72.54
side N [adc counts]
side P [adc counts]

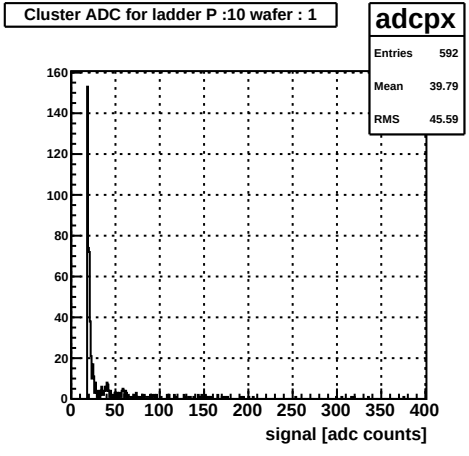

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 367
Mean 85.94
RMS 66.73
signal [adc counts]

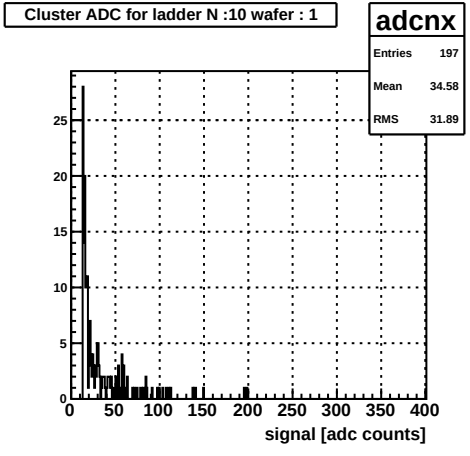

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2902
Mean 23.48
RMS 27.02
signal [adc counts]

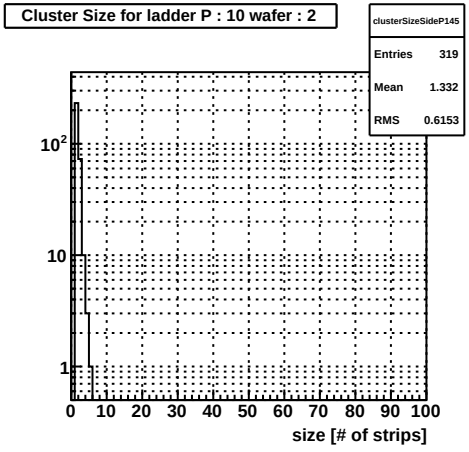

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 592
Mean 1.28
RMS 0.6465
size [# of strips]

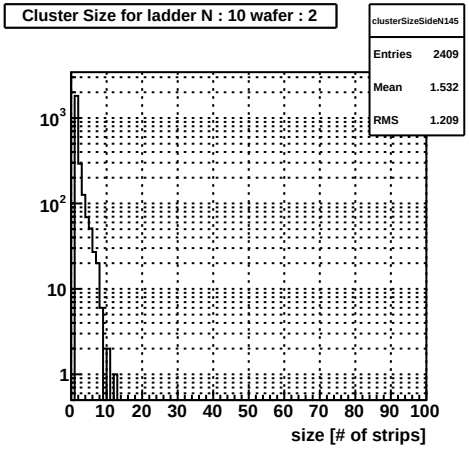

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 197
Mean 1.376
RMS 0.7614
size [# of strips]

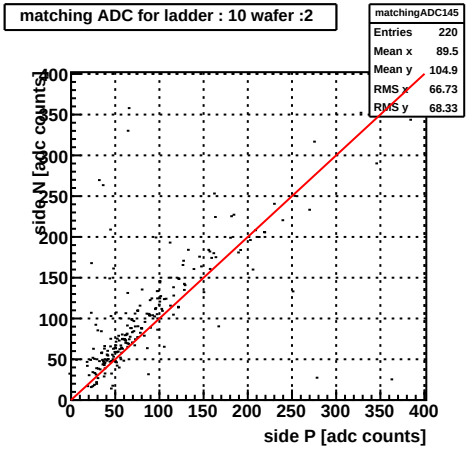

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 40
Mean x 86.53
Mean y 66.95
RMS x 76.88
RMS y 43.56
side N [adc counts]
side P [adc counts]

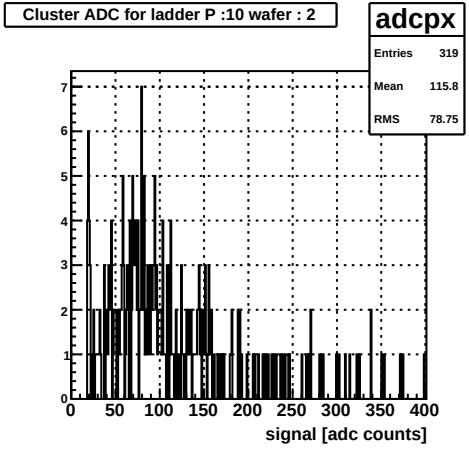

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 592
Mean 39.79
RMS 45.59
signal [adc counts]

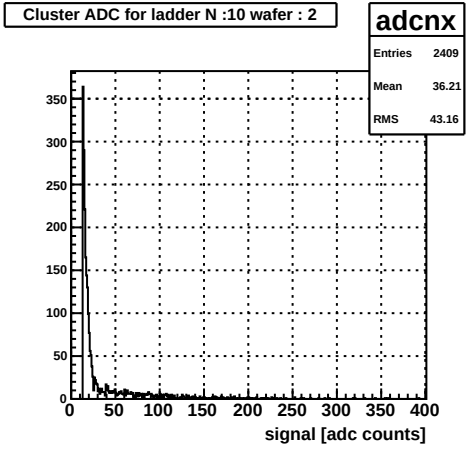

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 197
Mean 34.58
RMS 31.89
signal [adc counts]

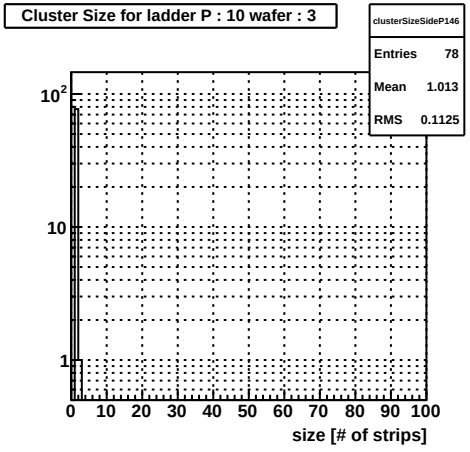

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 319
Mean 1.332
RMS 0.6153
size [# of strips]

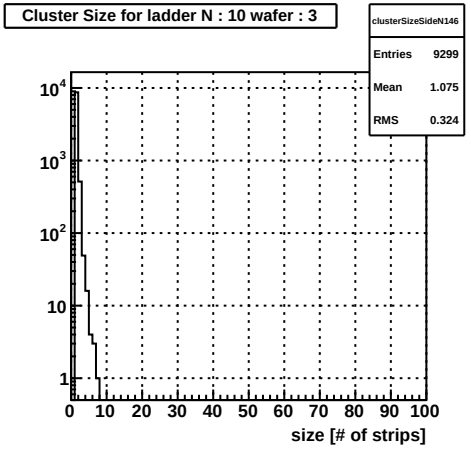

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2409
Mean 1.532
RMS 1.209
size [# of strips]

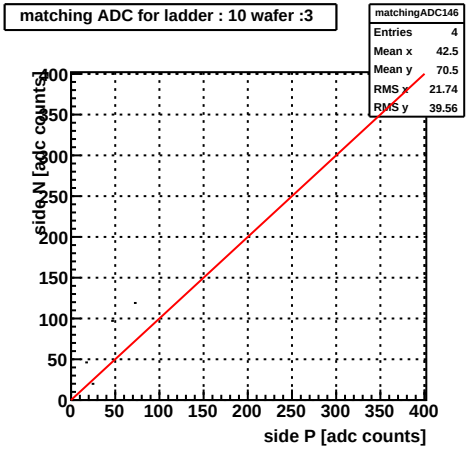

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 220
Mean x 89.5
Mean y 104.9
RMS x 66.73
RMS y 68.33
side N [adc counts]
side P [adc counts]

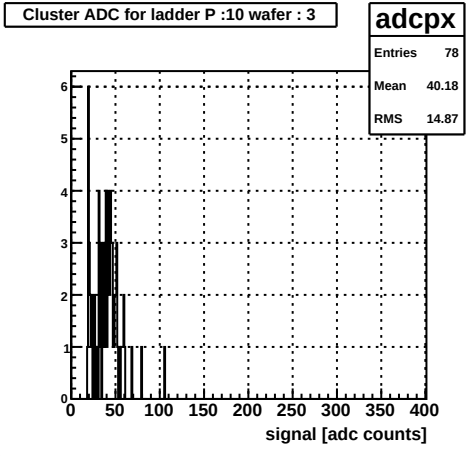

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 319
Mean 115.8
RMS 78.75
signal [adc counts]

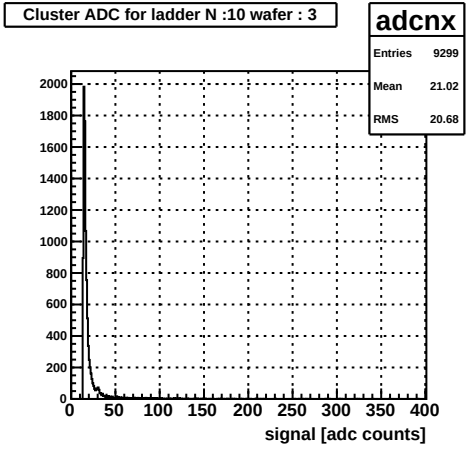

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2409
Mean 36.21
RMS 43.16
signal [adc counts]

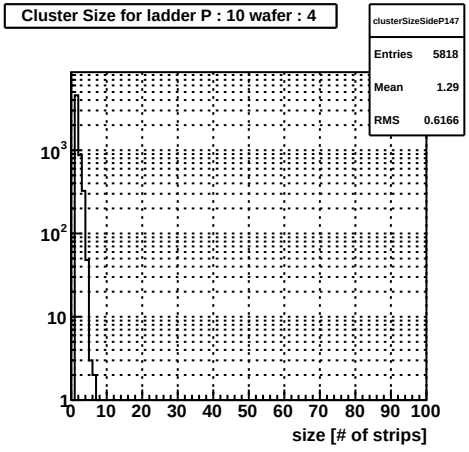

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 78
Mean 1.013
RMS 0.1125
size [# of strips]

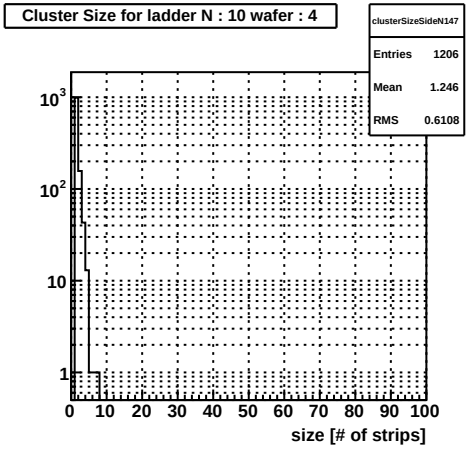

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 9299
Mean 1.075
RMS 0.324
size [# of strips]

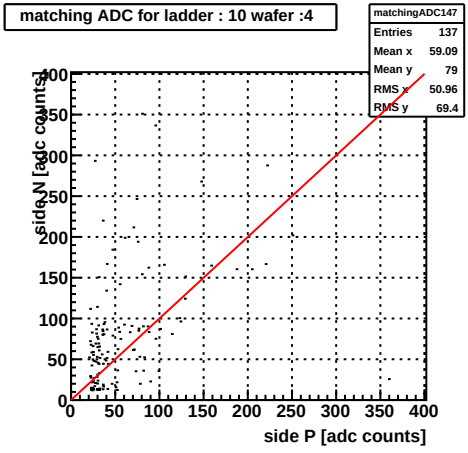

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 42.5
Mean y 70.5
RMS x 21.74
RMS y 39.56
side N [adc counts]
side P [adc counts]

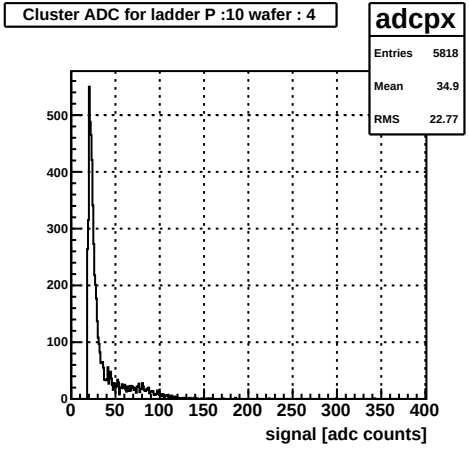

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 78
Mean 40.18
RMS 14.87
signal [adc counts]

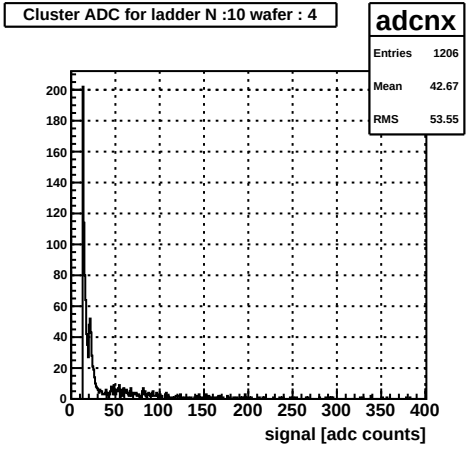

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 9299
Mean 21.02
RMS 20.68
signal [adc counts]

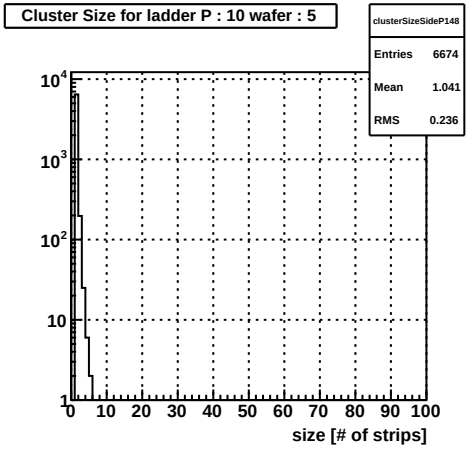

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5818
Mean 1.29
RMS 0.6166
size [# of strips]

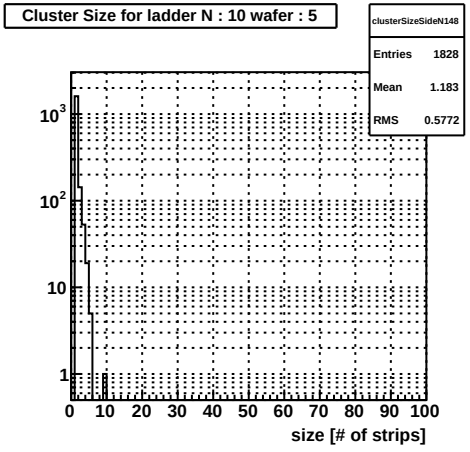

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1206
Mean 1.246
RMS 0.6108
size [# of strips]

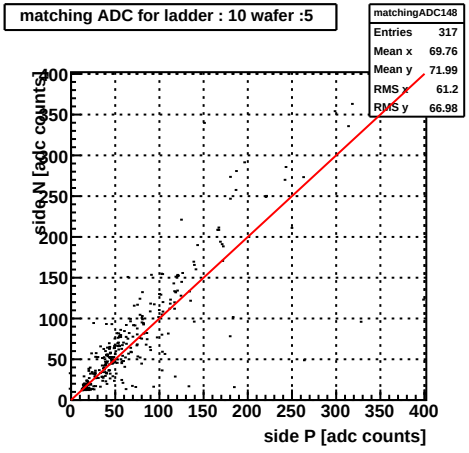

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 137
Mean x 59.09
Mean y 79
RMS x 50.96
RMS y 69.4
side N [adc counts]
side P [adc counts]

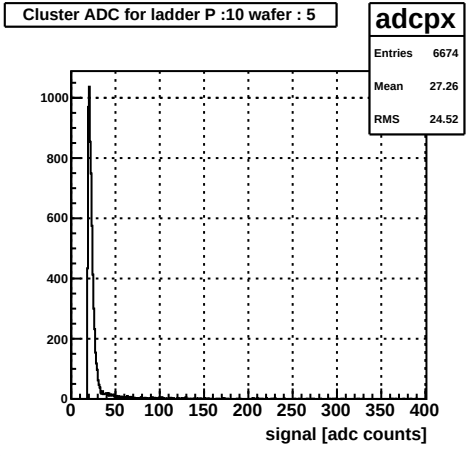

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5818
Mean 34.9
RMS 22.77
signal [adc counts]

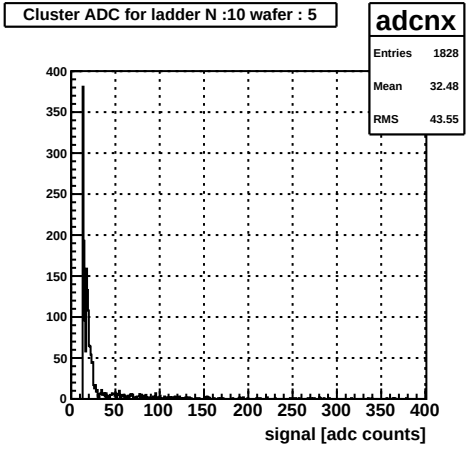

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1206
Mean 42.67
RMS 53.55
signal [adc counts]

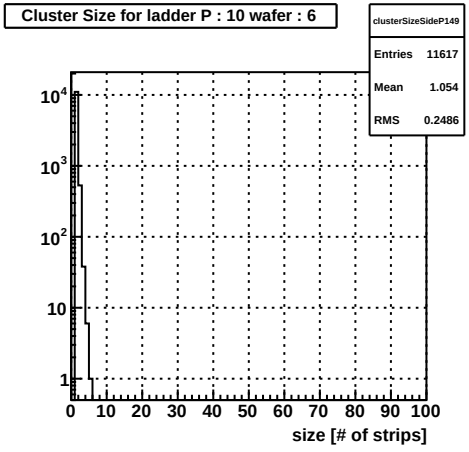

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6674
Mean 1.041
RMS 0.236
size [# of strips]

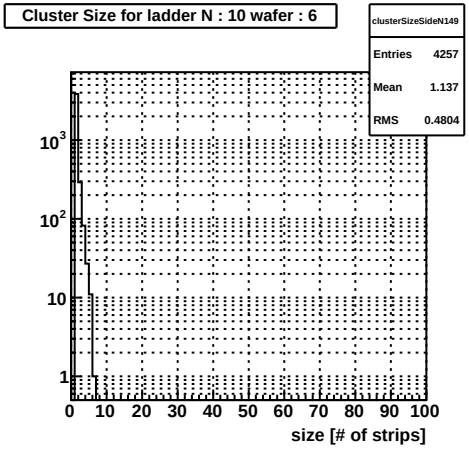

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1828
Mean 1.183
RMS 0.5772
size [# of strips]

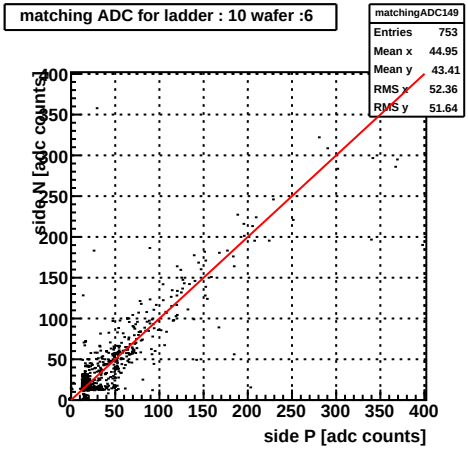

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 317
Mean x 69.76
Mean y 71.99
RMS x 61.2
RMS y 66.98
side N [adc counts]
side P [adc counts]

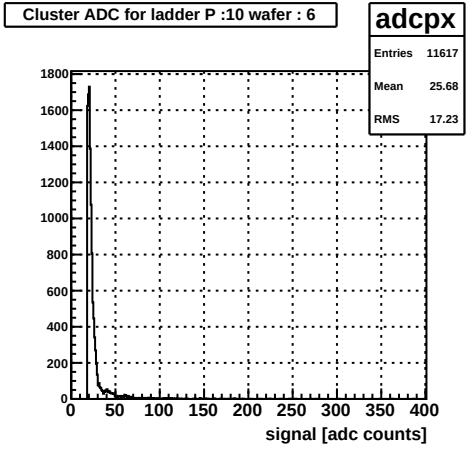

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6674
Mean 27.26
RMS 24.52
signal [adc counts]

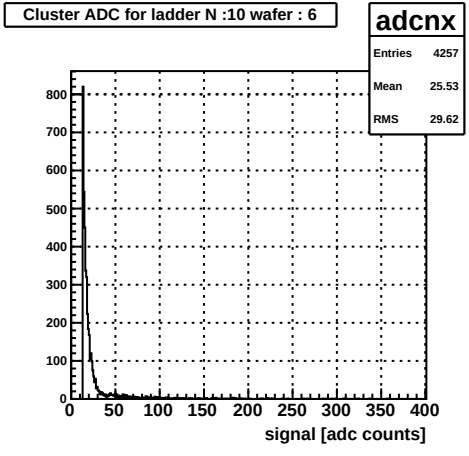

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1828
Mean 32.48
RMS 43.55
signal [adc counts]

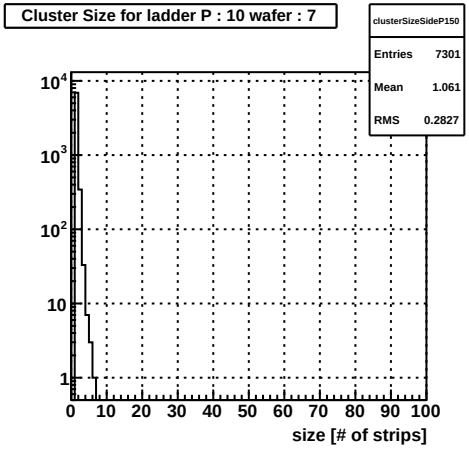

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 11617
Mean 1.054
RMS 0.2486
size [# of strips]

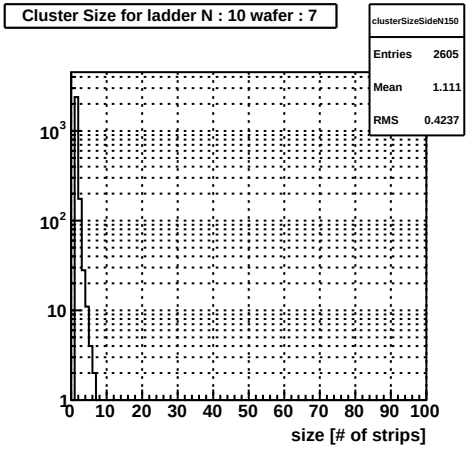

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4257
Mean 1.137
RMS 0.4804
size [# of strips]

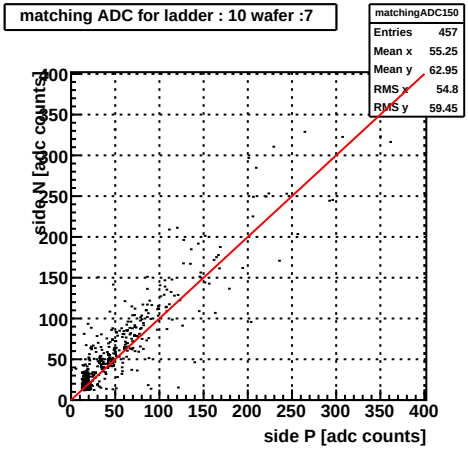

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 753
Mean x 44.95
Mean y 43.41
RMS x 52.36
RMS y 51.64
side N [adc counts]
side P [adc counts]

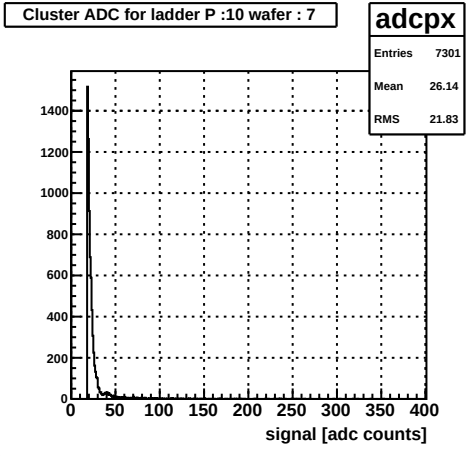

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 11617
Mean 25.68
RMS 17.23
signal [adc counts]

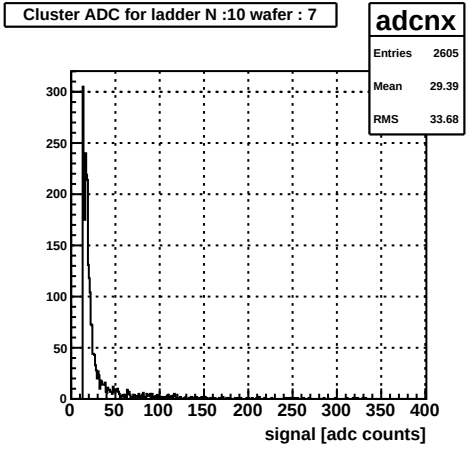

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4257
Mean 25.53
RMS 29.62
signal [adc counts]

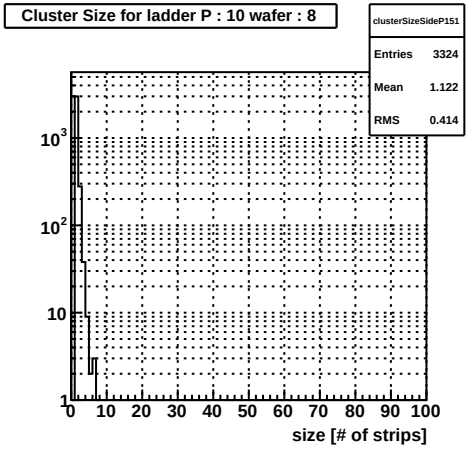

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7301
Mean 1.061
RMS 0.2827
size [# of strips]

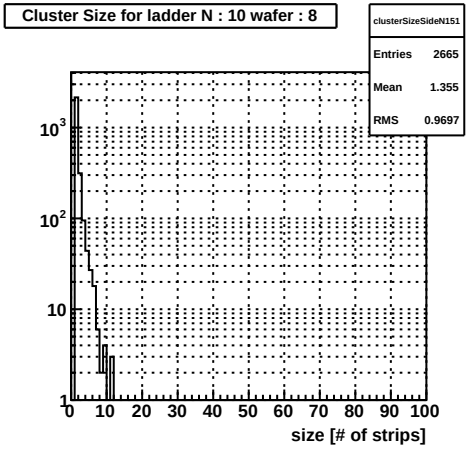

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2605
Mean 1.111
RMS 0.4237
size [# of strips]

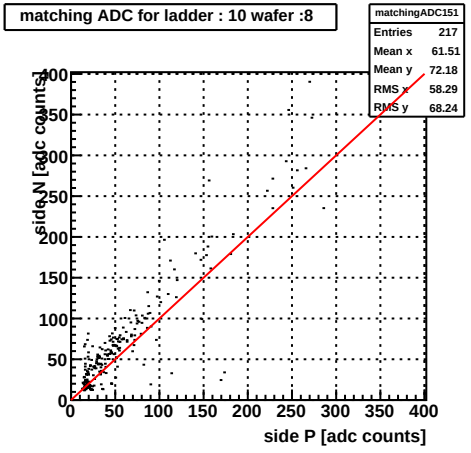

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 457
Mean x 55.25
Mean y 62.95
RMS x 54.8
RMS y 59.45
side N [adc counts]
side P [adc counts]

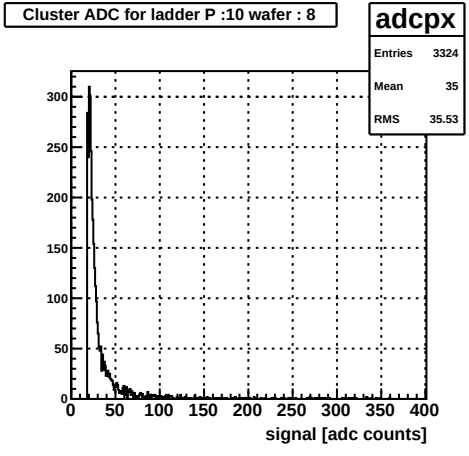

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7301
Mean 26.14
RMS 21.83
signal [adc counts]

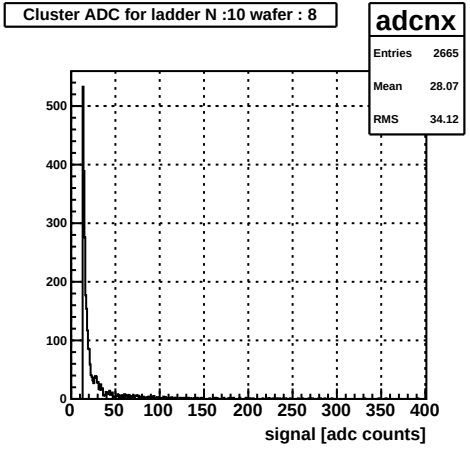

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2605
Mean 29.39
RMS 33.68
signal [adc counts]

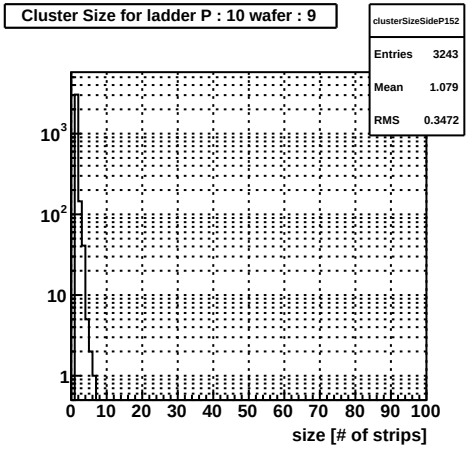

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3324
Mean 1.122
RMS 0.414
size [# of strips]

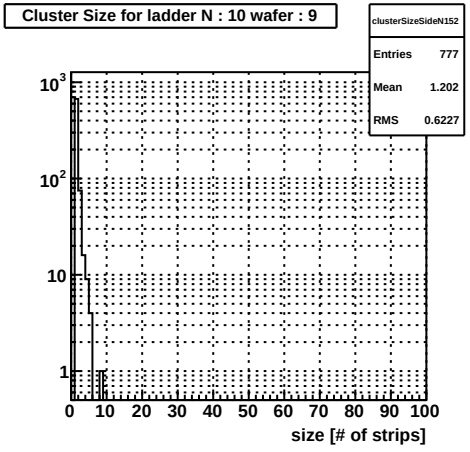

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2665
Mean 1.355
RMS 0.9697
size [# of strips]

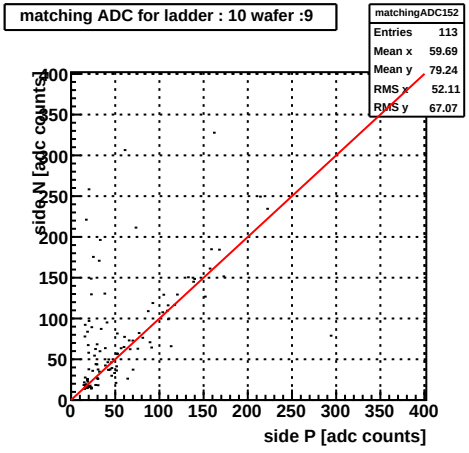

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 217
Mean x 61.51
Mean y 72.18
RMS x 58.29
RMS y 68.24
side N [adc counts]
side P [adc counts]

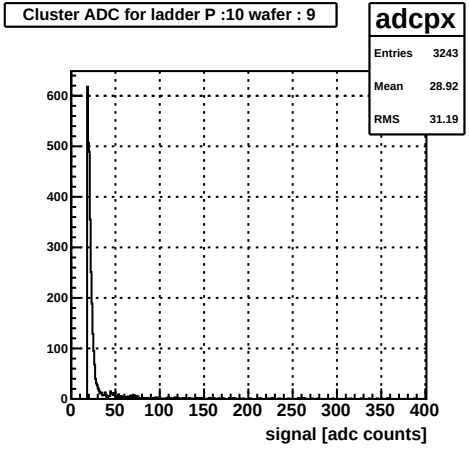

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3324
Mean 35
RMS 35.53
signal [adc counts]

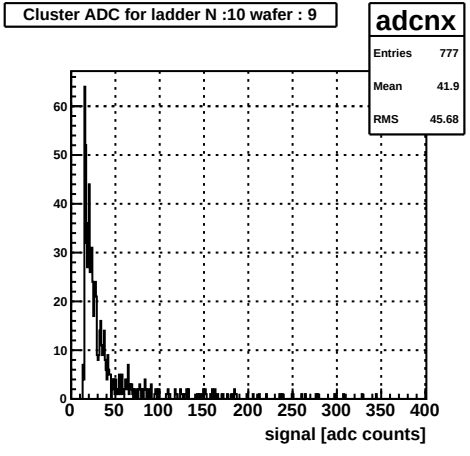

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2665
Mean 28.07
RMS 34.12
signal [adc counts]

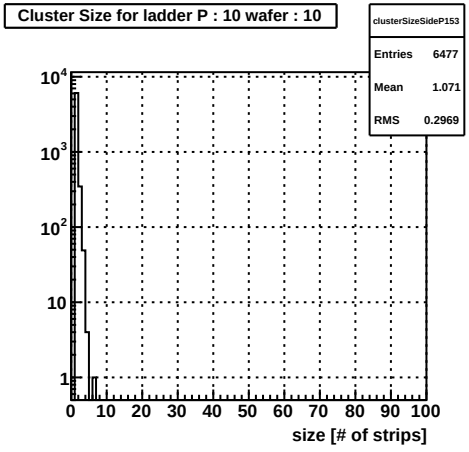

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3243
Mean 1.079
RMS 0.3472
size [# of strips]

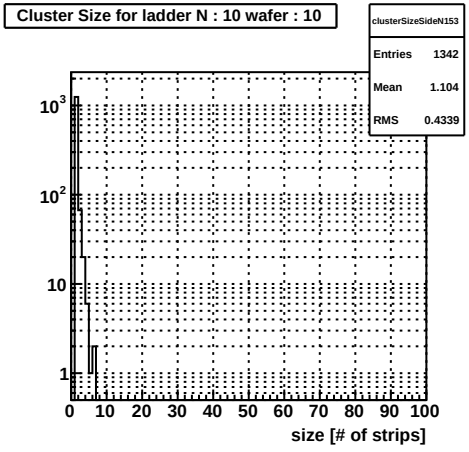

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 777
Mean 1.202
RMS 0.6227
size [# of strips]

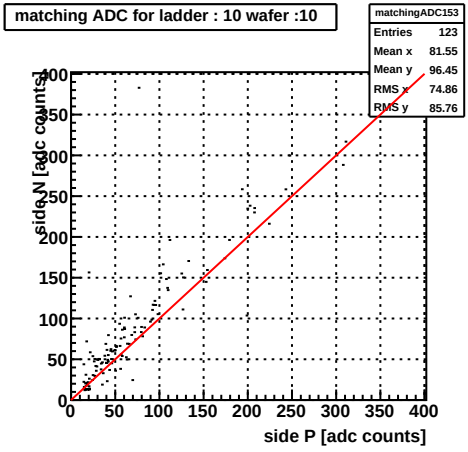

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 113
Mean x 59.69
Mean y 79.24
RMS x 52.11
RMS y 67.07
side N [adc counts]
side P [adc counts]

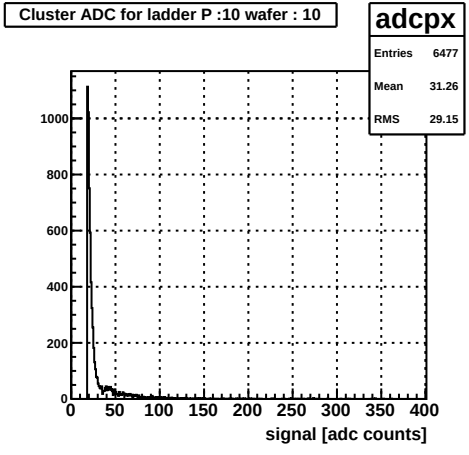

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3243
Mean 28.92
RMS 31.19
signal [adc counts]

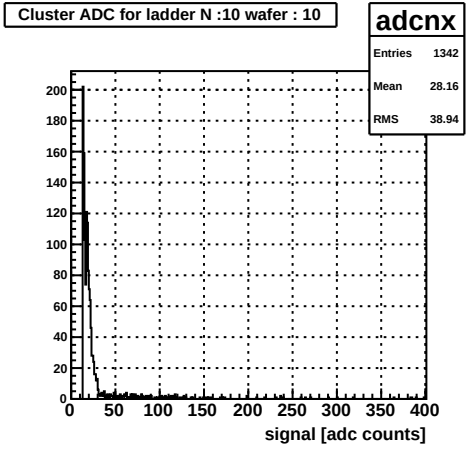

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 777
Mean 41.9
RMS 45.68
signal [adc counts]

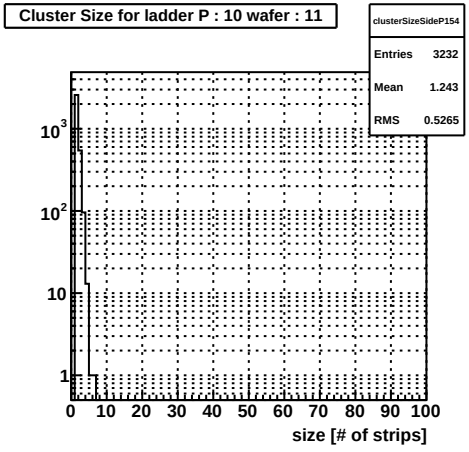

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6477
Mean 1.071
RMS 0.2969
size [# of strips]

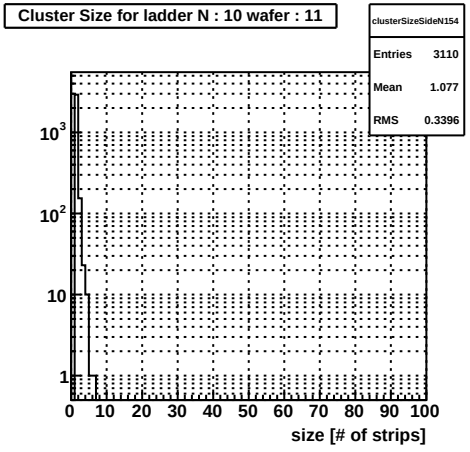

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1342
Mean 1.104
RMS 0.4339
size [# of strips]

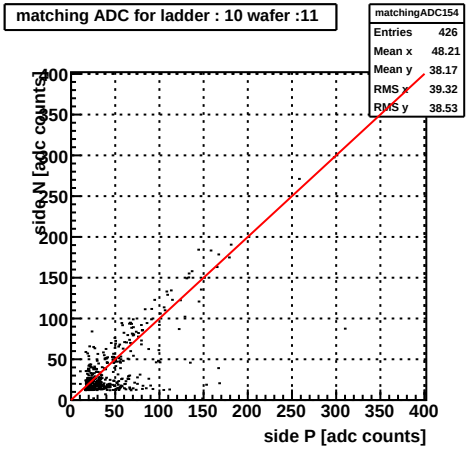

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 123
Mean x 81.55
Mean y 96.45
RMS x 74.86
RMS y 85.76
side N [adc counts]
side P [adc counts]

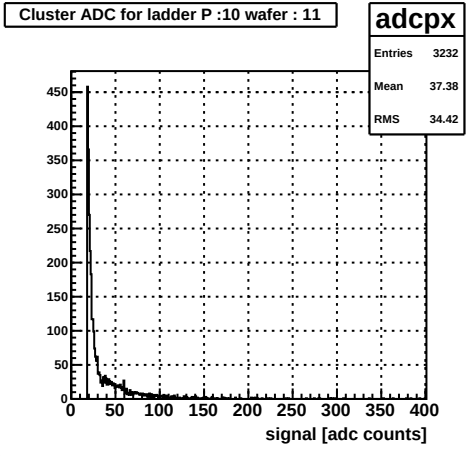

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6477
Mean 31.26
RMS 29.15
signal [adc counts]

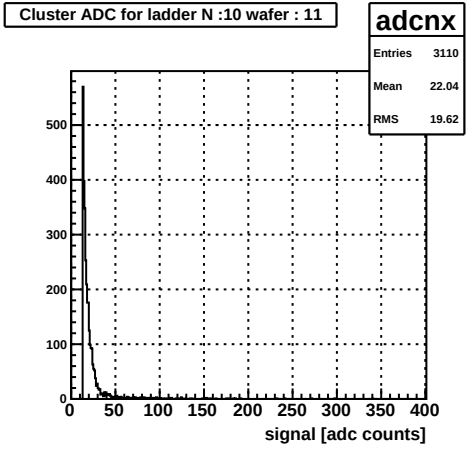

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1342
Mean 28.16
RMS 38.94
signal [adc counts]

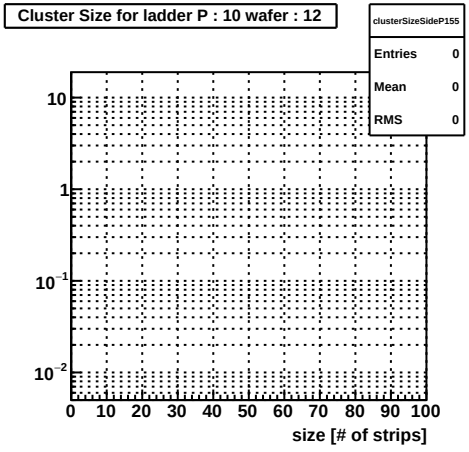

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3232
Mean 1.243
RMS 0.5265
size [# of strips]

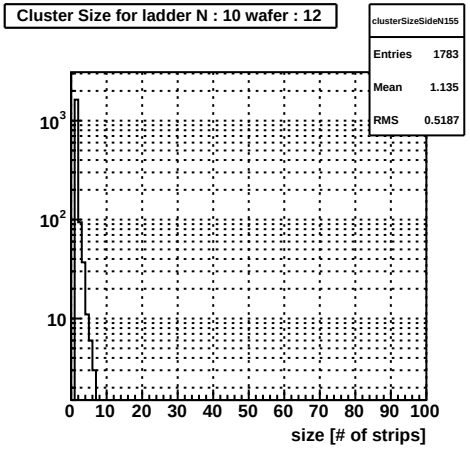

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3110
Mean 1.077
RMS 0.3396
size [# of strips]

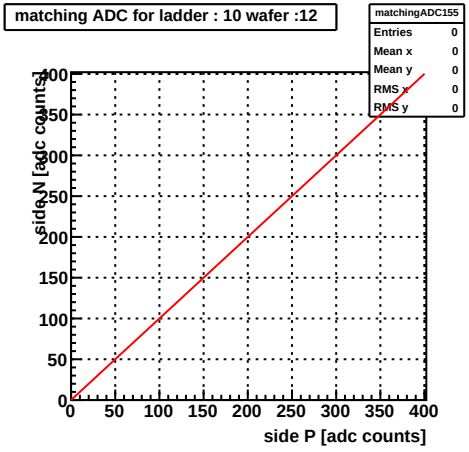

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 426
Mean x 48.21
Mean y 38.17
RMS x 39.32
RMS y 38.53
side N [adc counts]
side P [adc counts]

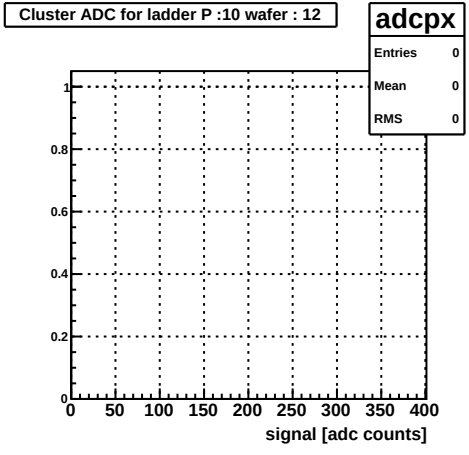

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3232
Mean 37.38
RMS 34.42
signal [adc counts]

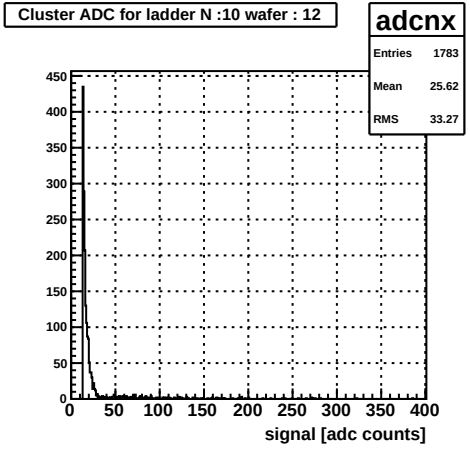

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3110
Mean 22.04
RMS 19.62
signal [adc counts]

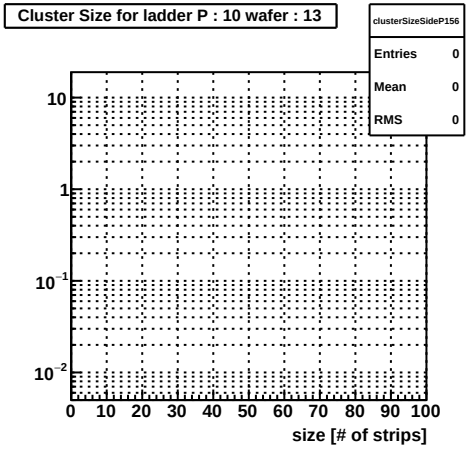

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

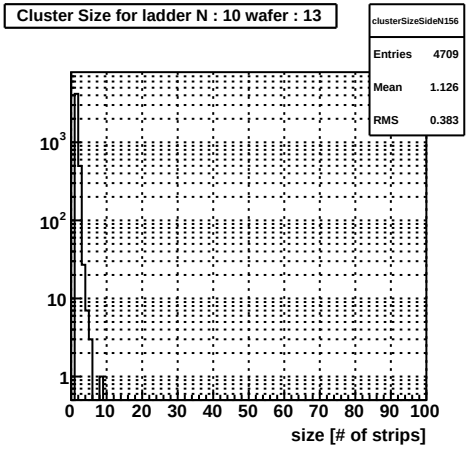

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1783
Mean 1.135
RMS 0.5187
size [# of strips]

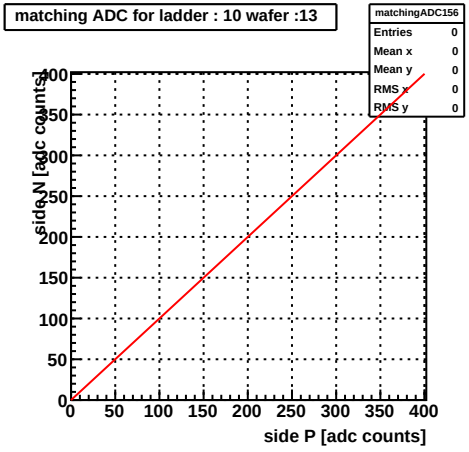

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

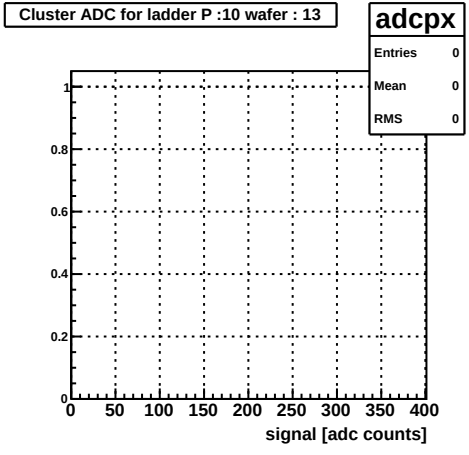

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

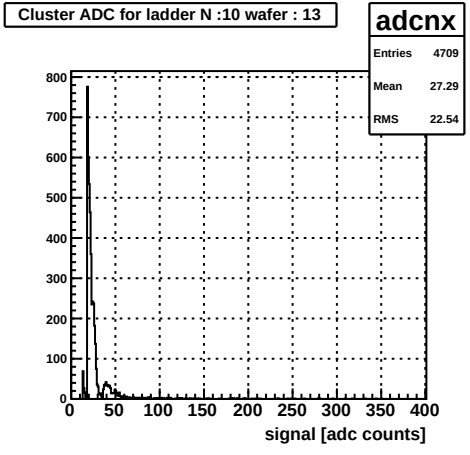

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1783
Mean 25.62
RMS 33.27
signal [adc counts]

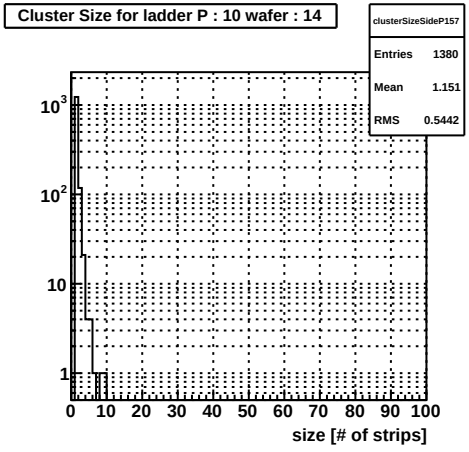

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

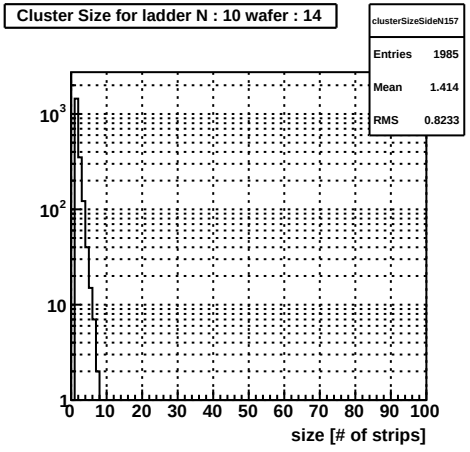

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4709
Mean 1.126
RMS 0.383
size [# of strips]

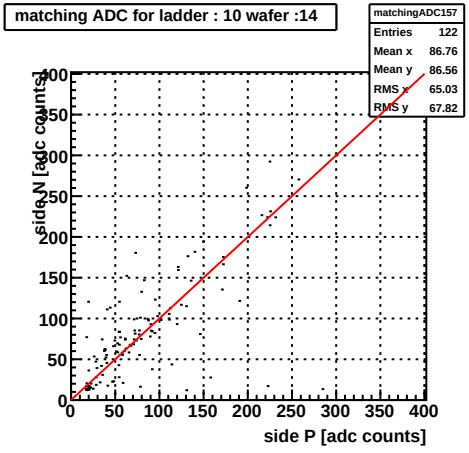

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

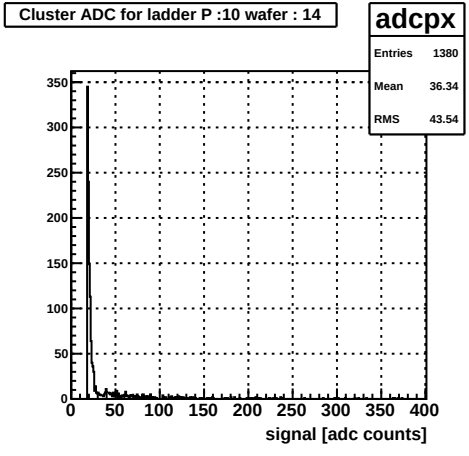

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

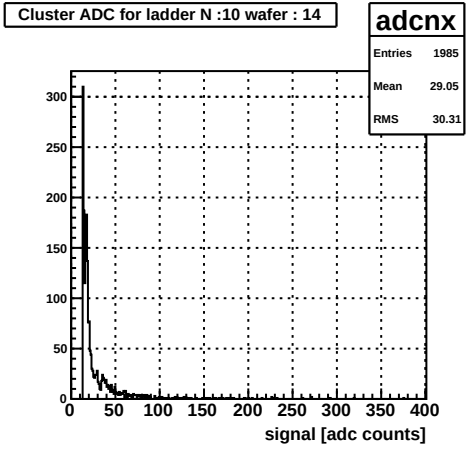

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4709
Mean 27.29
RMS 22.54
signal [adc counts]

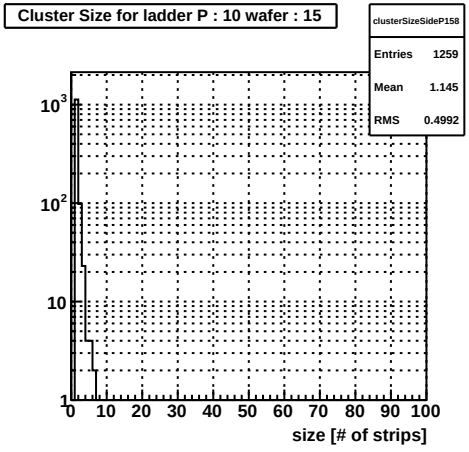

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1380
Mean 1.151
RMS 0.5442
size [# of strips]

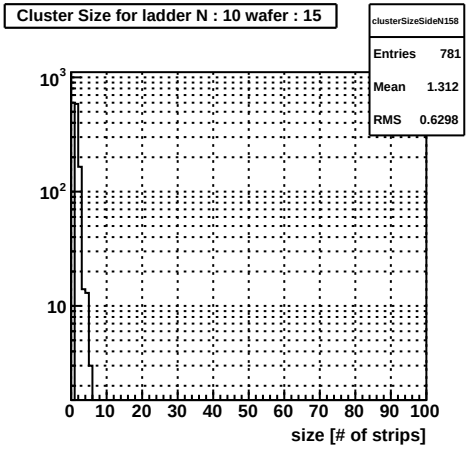

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1985
Mean 1.414
RMS 0.8233
size [# of strips]

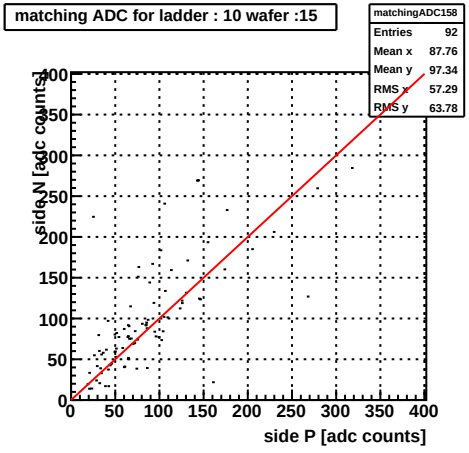

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 122
Mean x 86.76
Mean y 86.56
RMS x 65.03
RMS y 67.82
side N [adc counts]
side P [adc counts]

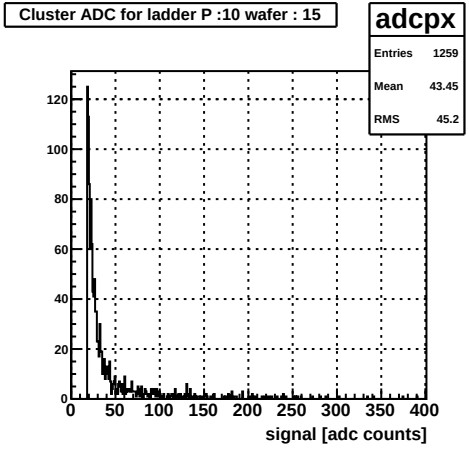

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1380
Mean 36.34
RMS 43.54
signal [adc counts]

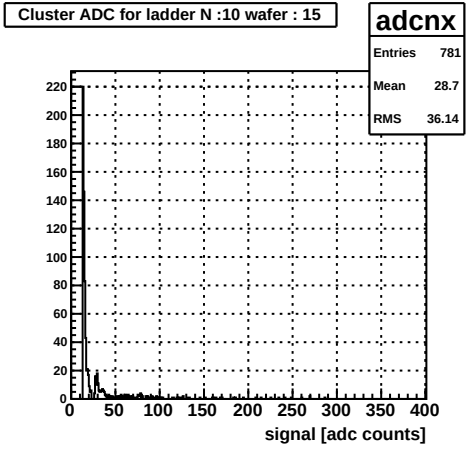

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1985
Mean 29.05
RMS 30.31
signal [adc counts]

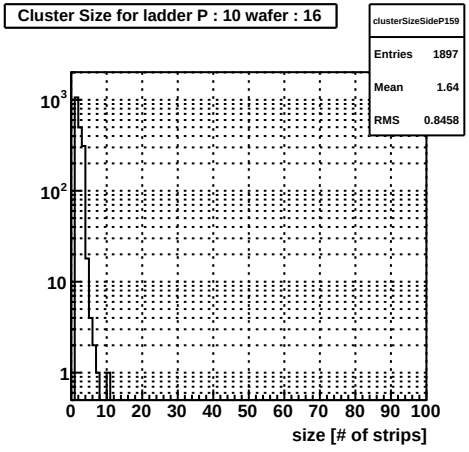

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1259
Mean 1.145
RMS 0.4992
size [# of strips]

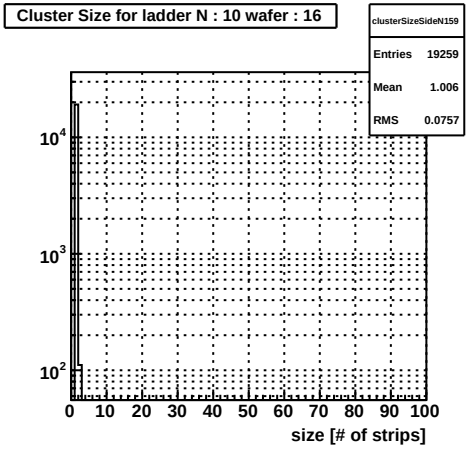

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 781
Mean 1.312
RMS 0.6298
size [# of strips]

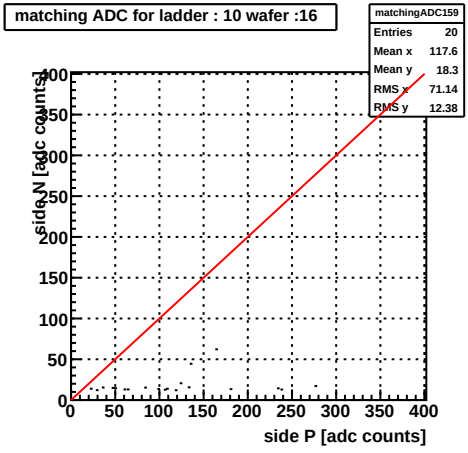

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 92
Mean x 87.76
Mean y 97.34
RMS x 57.29
RMS y 63.78
side N [adc counts]
side P [adc counts]

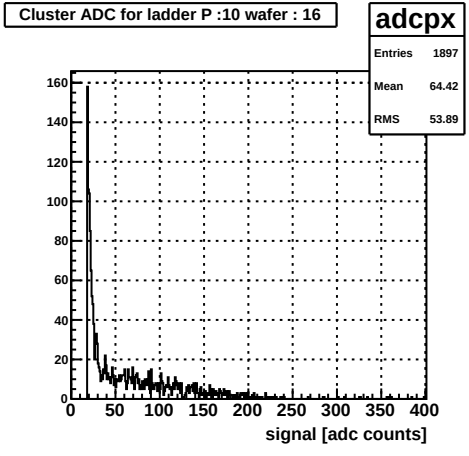

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1259
Mean 43.45
RMS 45.2
signal [adc counts]

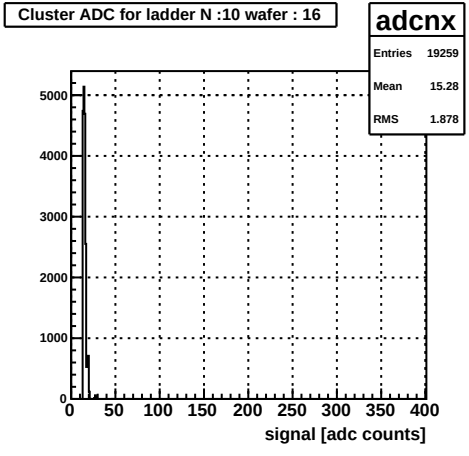

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 781
Mean 28.7
RMS 36.14
signal [adc counts]

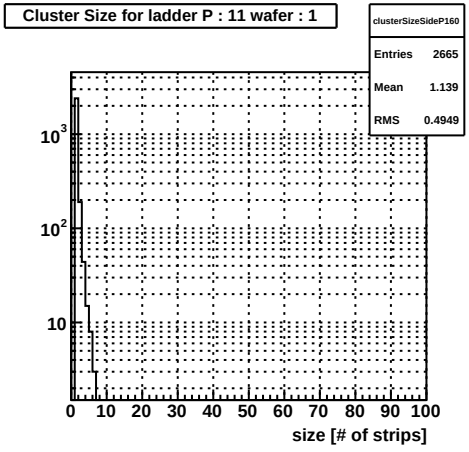

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1897
Mean 1.64
RMS 0.8458
size [# of strips]

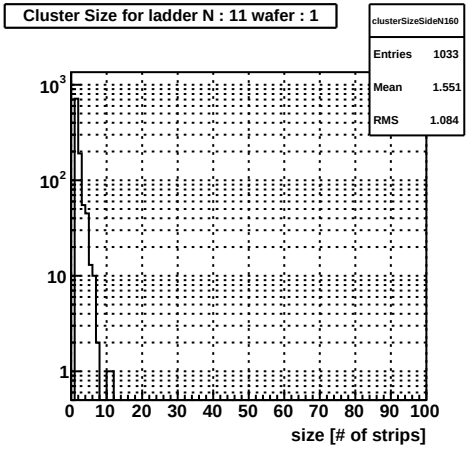

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 19259
Mean 1.006
RMS 0.0757
size [# of strips]

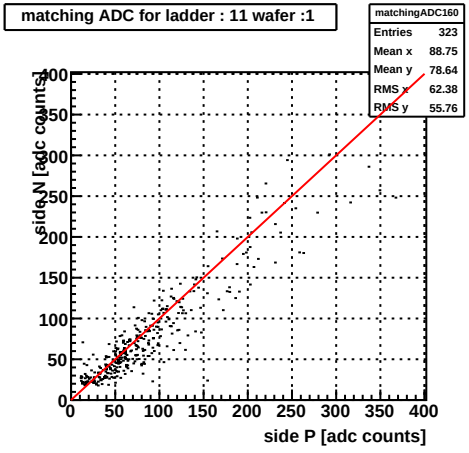

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 20
Mean x 117.6
Mean y 18.3
RMS x 71.14
RMS y 12.38
side N [adc counts]
side P [adc counts]

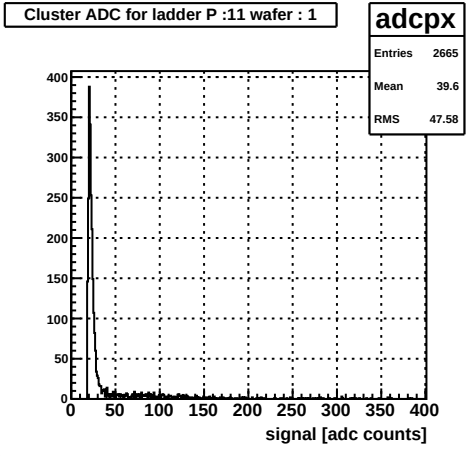

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1897
Mean 64.42
RMS 53.89
signal [adc counts]

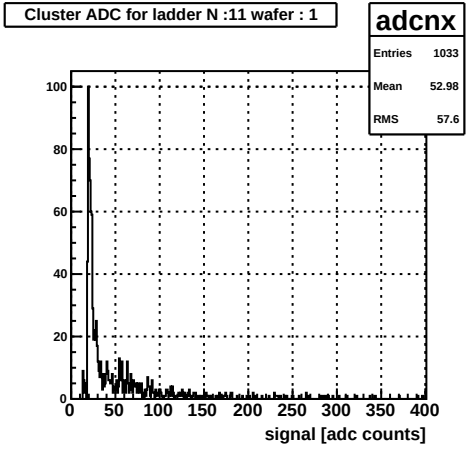

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 19259
Mean 15.28
RMS 1.878
signal [adc counts]

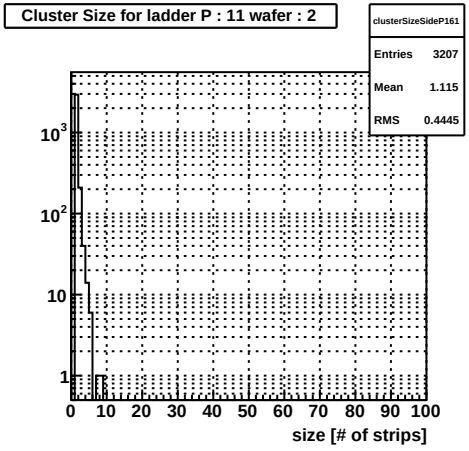

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2665
Mean 1.139
RMS 0.4949
size [# of strips]

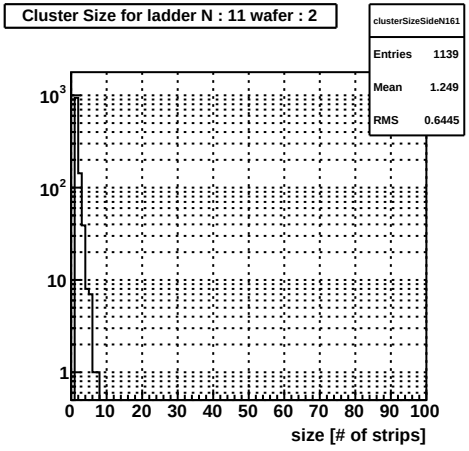

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1033
Mean 1.551
RMS 1.084
size [# of strips]

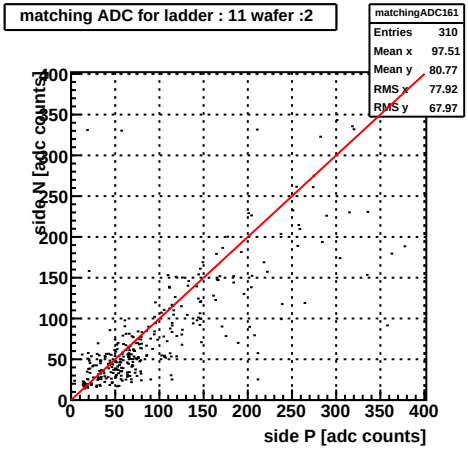

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 323
Mean x 88.75
Mean y 78.64
RMS x 62.38
RMS y 55.76
side N [adc counts]
side P [adc counts]

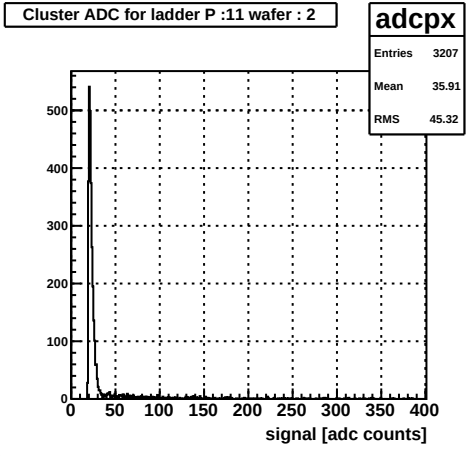

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2665
Mean 39.6
RMS 47.58
signal [adc counts]

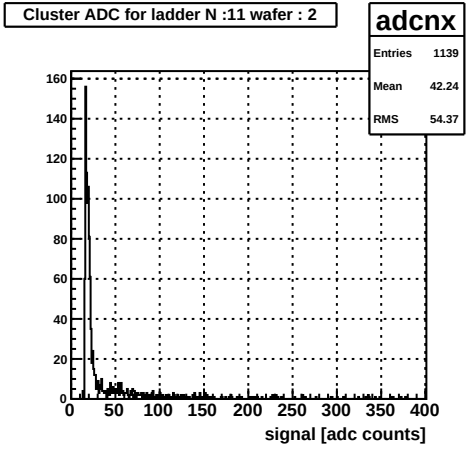

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1033
Mean 52.98
RMS 57.6
signal [adc counts]

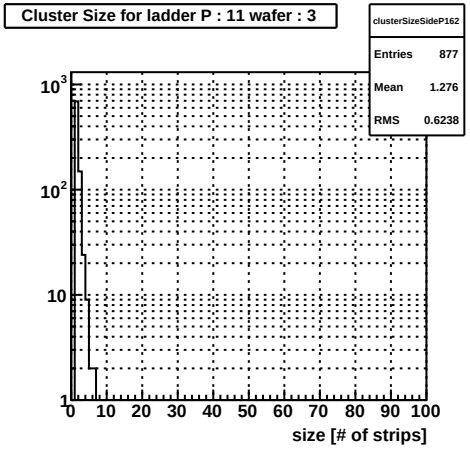

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3207
Mean 1.115
RMS 0.4445
size [# of strips]

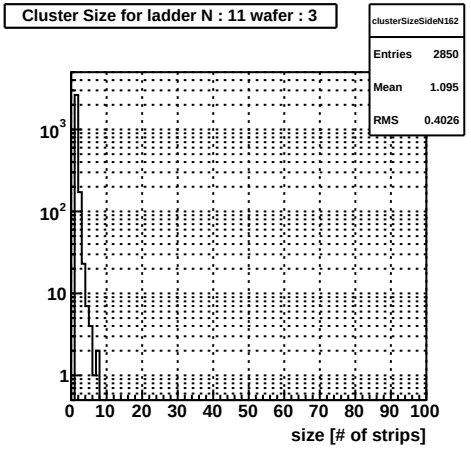

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1139
Mean 1.249
RMS 0.6445
size [# of strips]

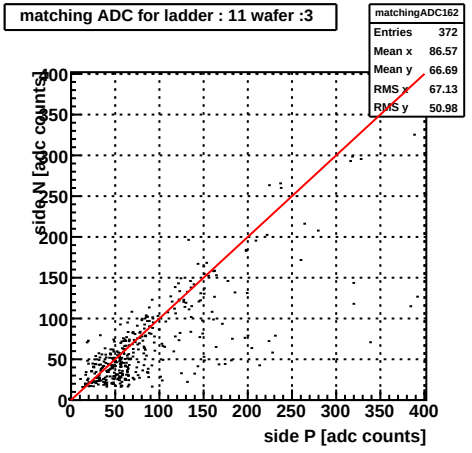

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 310
Mean x 97.51
Mean y 80.77
RMS x 77.92
RMS y 67.97
side N [adc counts]
side P [adc counts]

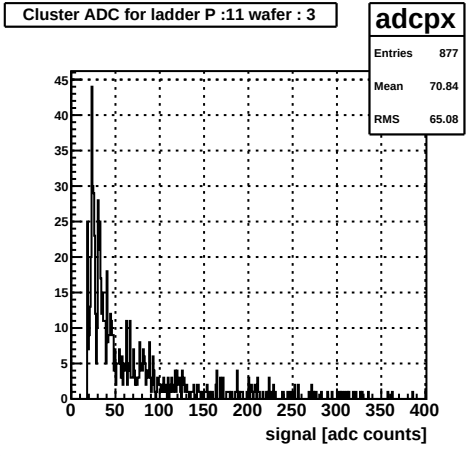

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3207
Mean 35.91
RMS 45.32
signal [adc counts]

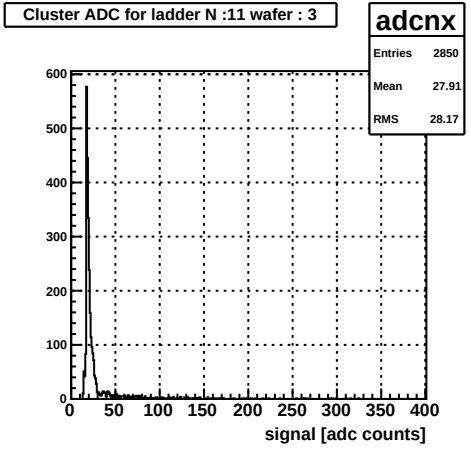

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1139
Mean 42.24
RMS 54.37
signal [adc counts]

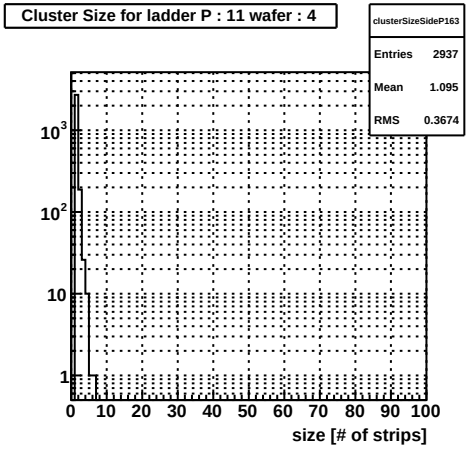

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 877
Mean 1.276
RMS 0.6238
size [# of strips]

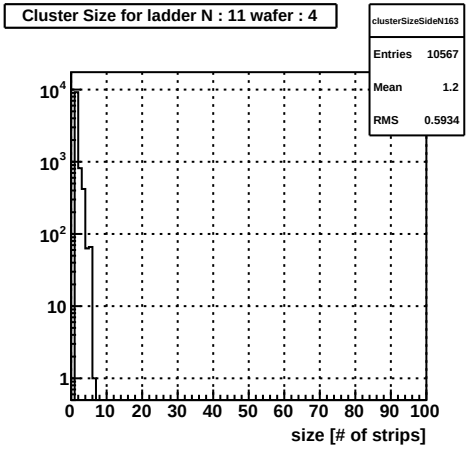

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2850
Mean 1.095
RMS 0.4026
size [# of strips]

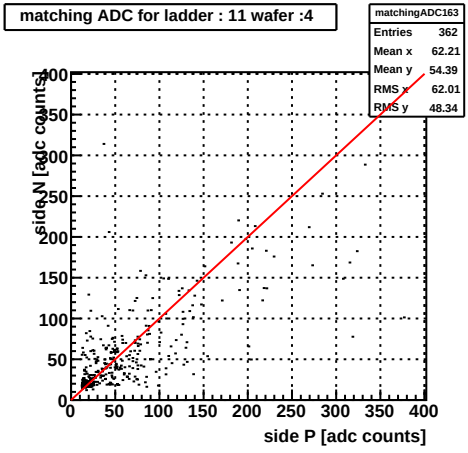

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 372
Mean x 86.57
Mean y 66.69
RMS x 67.13
RMS y 50.98
side N [adc counts]
side P [adc counts]

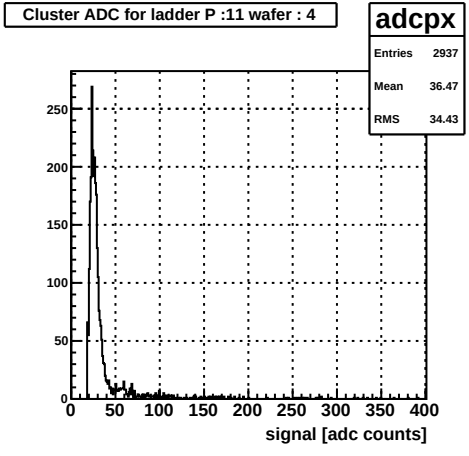

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 877
Mean 70.84
RMS 65.08
signal [adc counts]

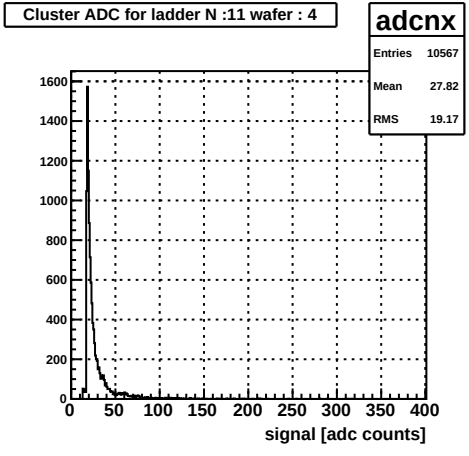

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2850
Mean 27.91
RMS 28.17
signal [adc counts]

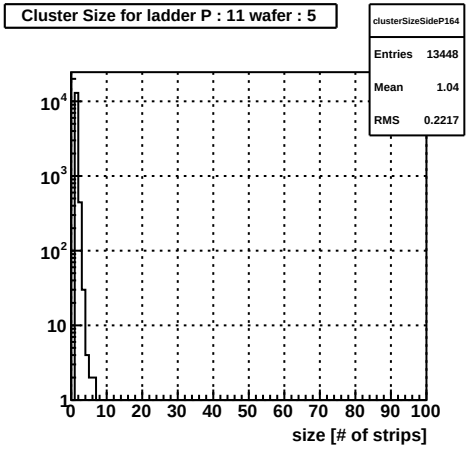

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2937
Mean 1.095
RMS 0.3674
size [# of strips]

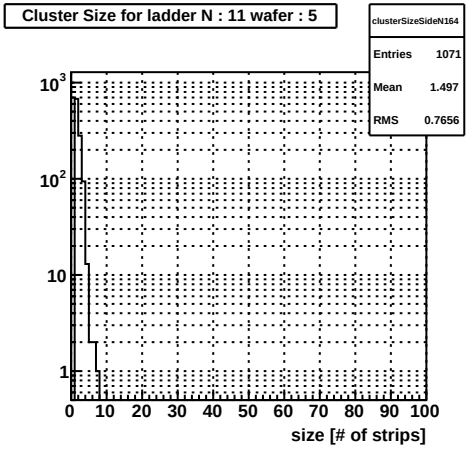

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 10567
Mean 1.2
RMS 0.5934
size [# of strips]

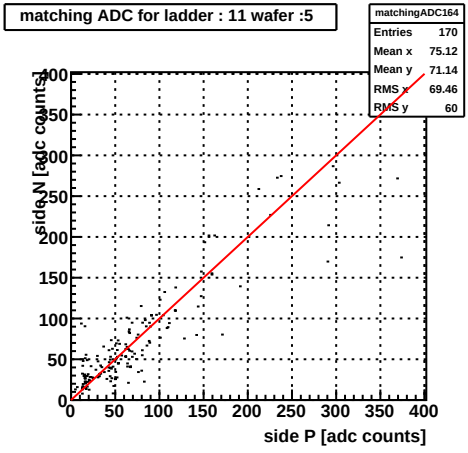

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 362
Mean x 62.21
Mean y 54.39
RMS x 62.01
RMS y 48.34
side N [adc counts]
side P [adc counts]

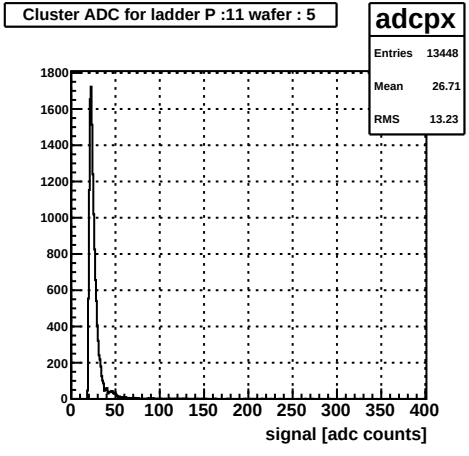

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2937
Mean 36.47
RMS 34.43
signal [adc counts]

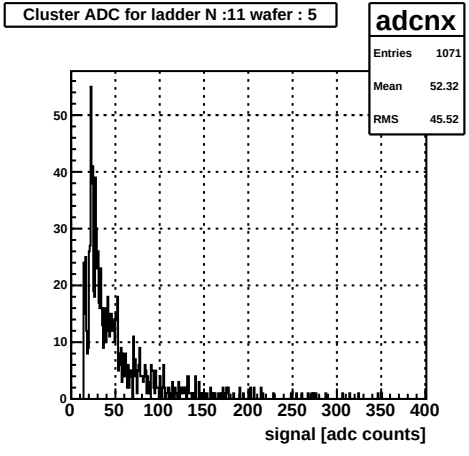

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 10567
Mean 27.82
RMS 19.17
signal [adc counts]

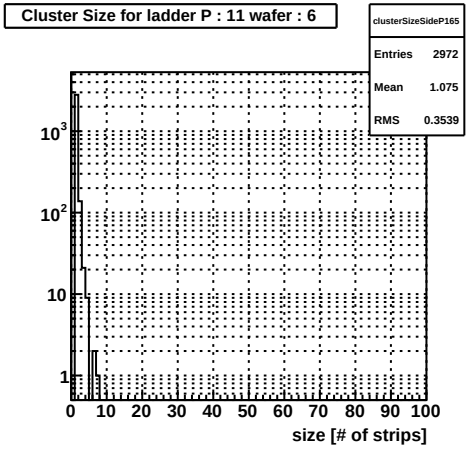

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13448
Mean 1.04
RMS 0.2217
size [# of strips]

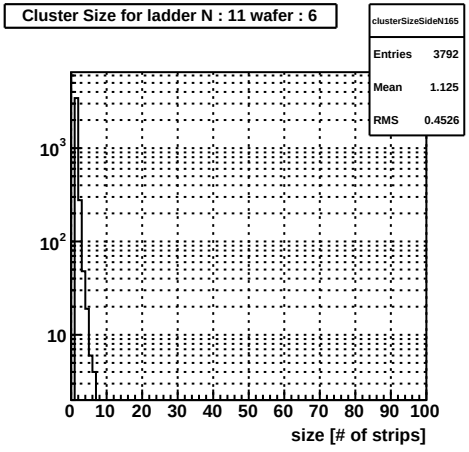

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1071
Mean 1.497
RMS 0.7656
size [# of strips]

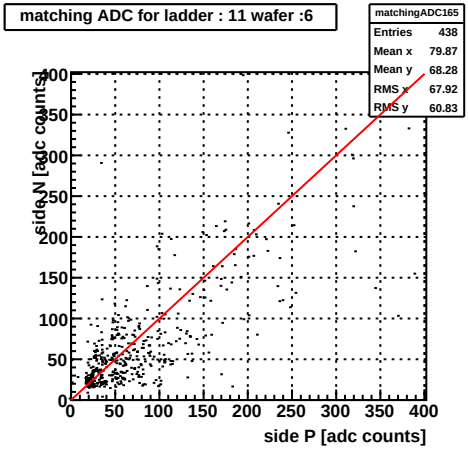

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 170
Mean x 75.12
Mean y 71.14
RMS x 69.46
RMS y 60
side N [adc counts]
side P [adc counts]

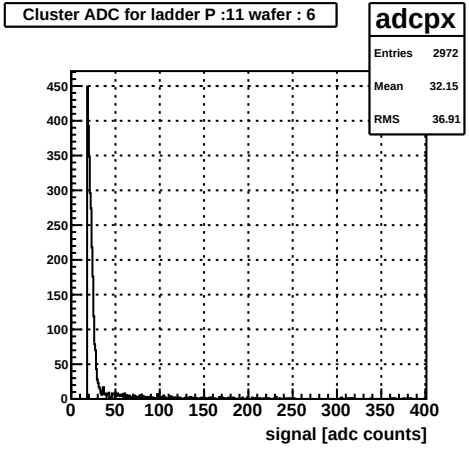

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13448
Mean 26.71
RMS 13.23
signal [adc counts]

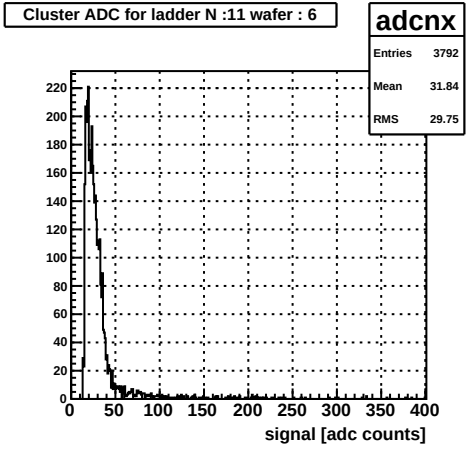

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1071
Mean 52.32
RMS 45.52
signal [adc counts]

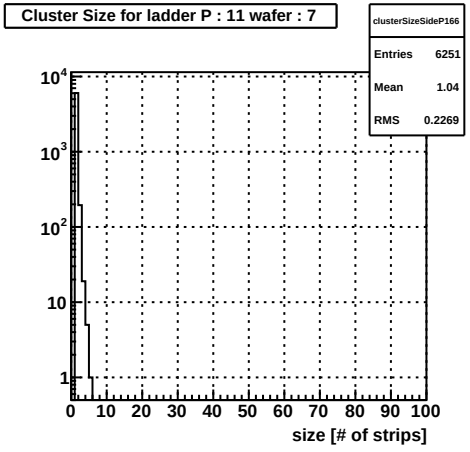

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2972
Mean 1.075
RMS 0.3539
size [# of strips]

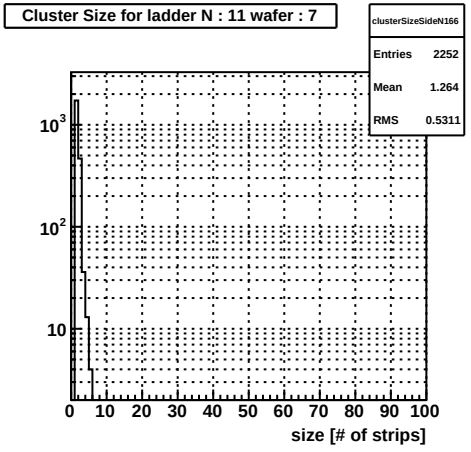

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3792
Mean 1.125
RMS 0.4526
size [# of strips]

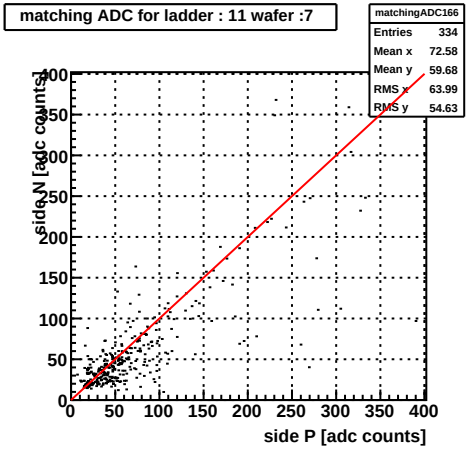

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 438
Mean x 79.87
Mean y 68.28
RMS x 67.92
RMS y 60.83
side N [adc counts]
side P [adc counts]

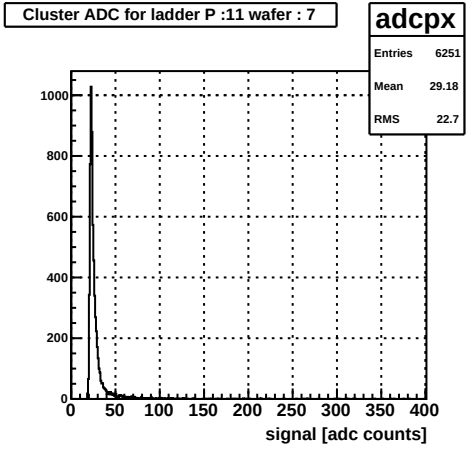

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2972
Mean 32.15
RMS 36.91
signal [adc counts]

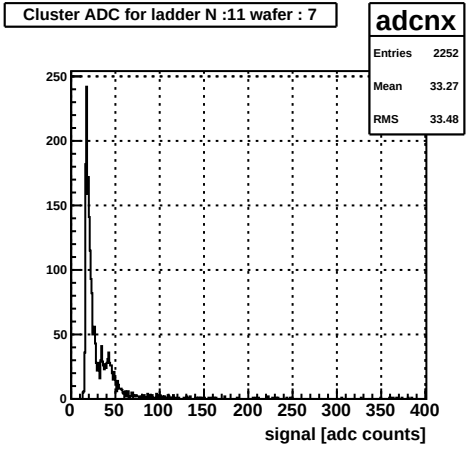

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3792
Mean 31.84
RMS 29.75
signal [adc counts]

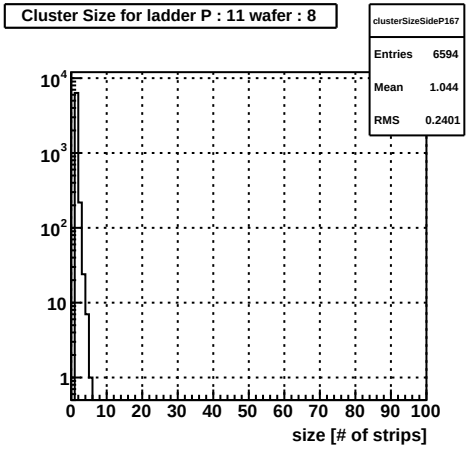

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6251
Mean 1.04
RMS 0.2269
size [# of strips]

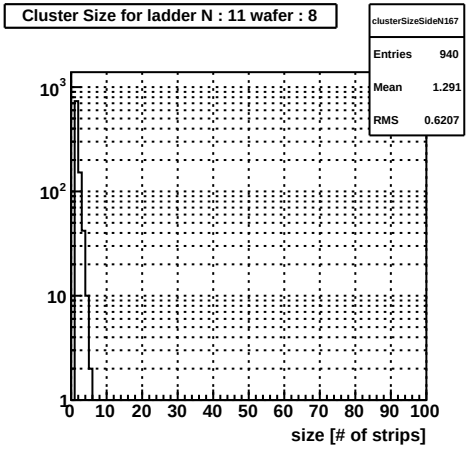

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2252
Mean 1.264
RMS 0.5311
size [# of strips]

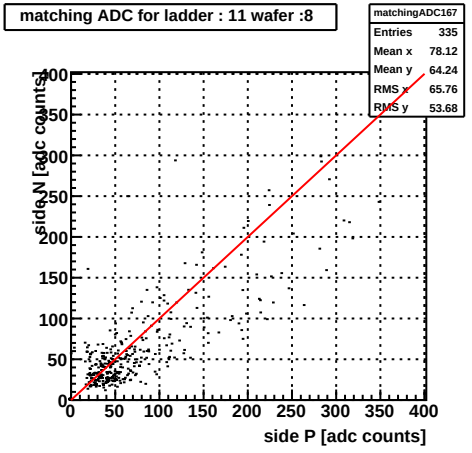

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 334
Mean x 72.58
Mean y 59.68
RMS x 63.99
RMS y 54.63
side N [adc counts]
side P [adc counts]

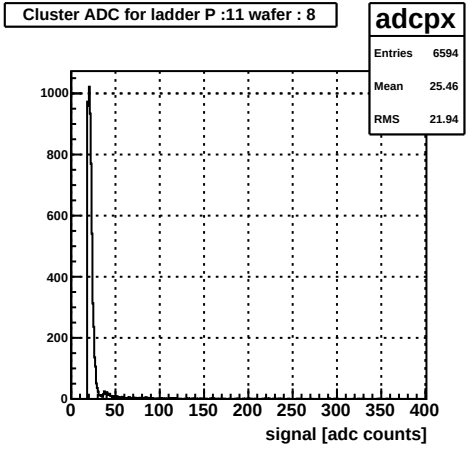

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6251
Mean 29.18
RMS 22.7
signal [adc counts]

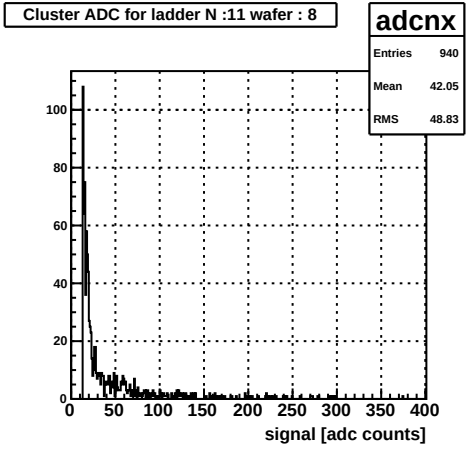

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2252
Mean 33.27
RMS 33.48
signal [adc counts]

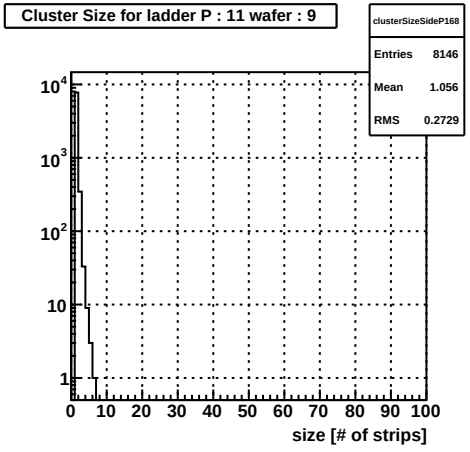

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6594
Mean 1.044
RMS 0.2401
size [# of strips]

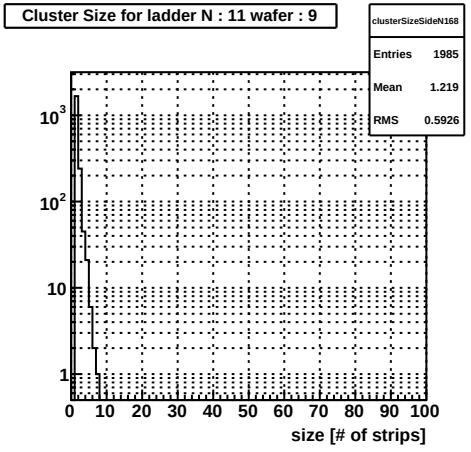

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 940
Mean 1.291
RMS 0.6207
size [# of strips]

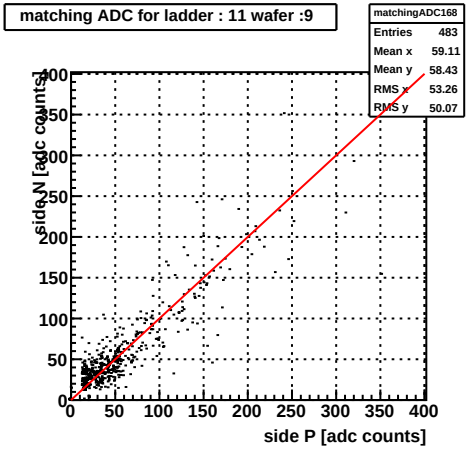

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 335
Mean x 78.12
Mean y 64.24
RMS x 65.76
RMS y 53.68
side N [adc counts]
side P [adc counts]

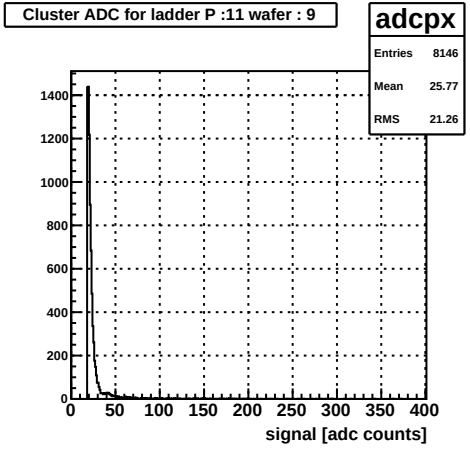

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6594
Mean 25.46
RMS 21.94
signal [adc counts]

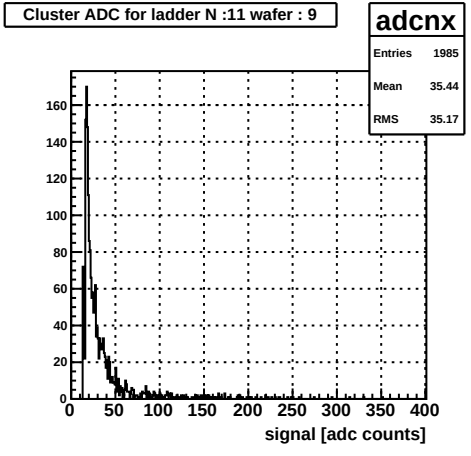

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 940
Mean 42.05
RMS 48.83
signal [adc counts]

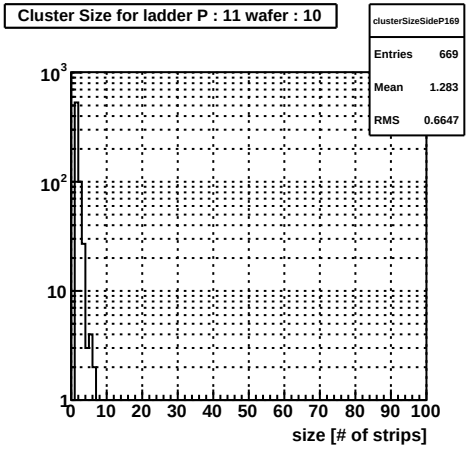

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8146
Mean 1.056
RMS 0.2729
size [# of strips]

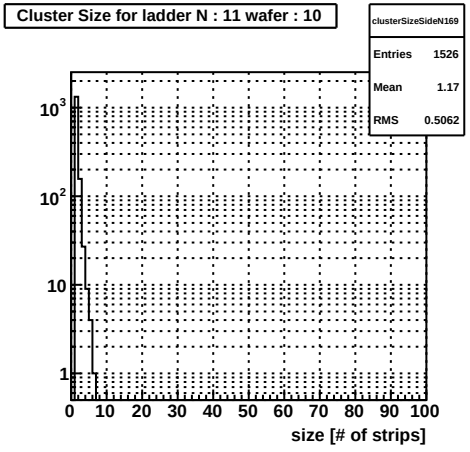

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1985
Mean 1.219
RMS 0.5926
size [# of strips]

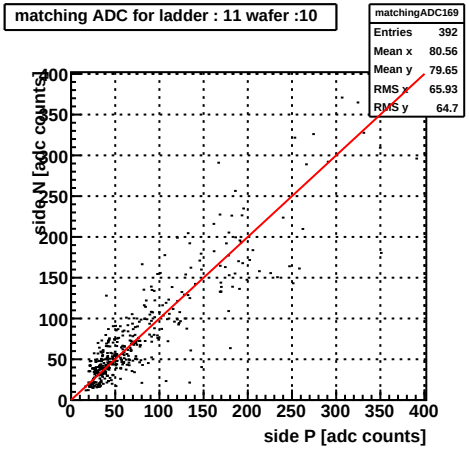

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 483
Mean x 59.11
Mean y 58.43
RMS x 53.26
RMS y 50.07
side N [adc counts]
side P [adc counts]

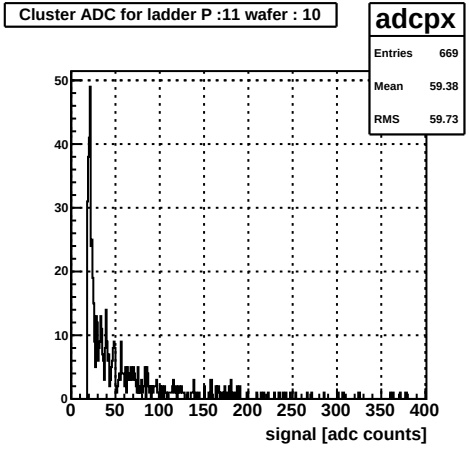

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8146
Mean 25.77
RMS 21.26
signal [adc counts]

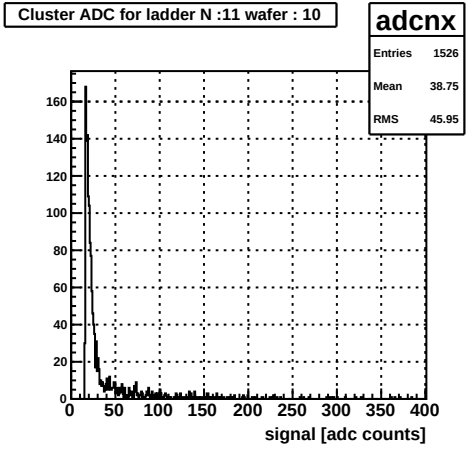

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1985
Mean 35.44
RMS 35.17
signal [adc counts]

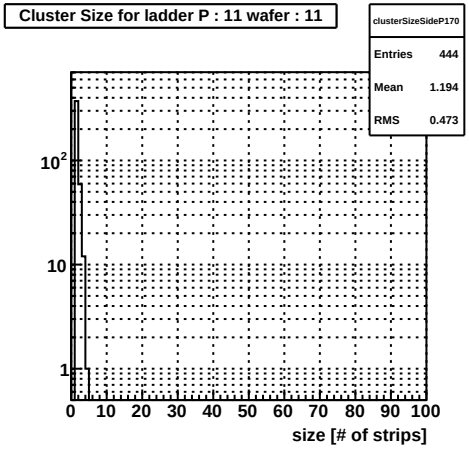

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 669
Mean 1.283
RMS 0.6647
size [# of strips]

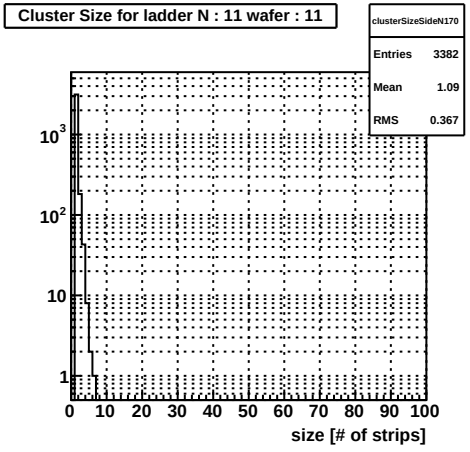

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1526
Mean 1.17
RMS 0.5062
size [# of strips]

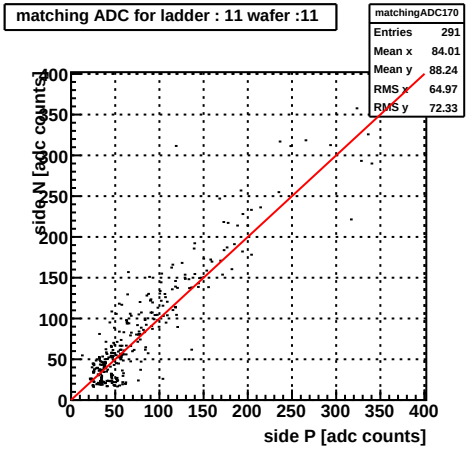

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 392
Mean x 80.56
Mean y 79.65
RMS x 65.93
RMS y 64.7
side N [adc counts]
side P [adc counts]

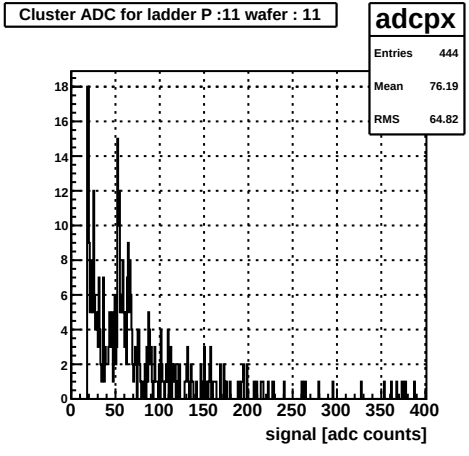

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 669
Mean 59.38
RMS 59.73
signal [adc counts]

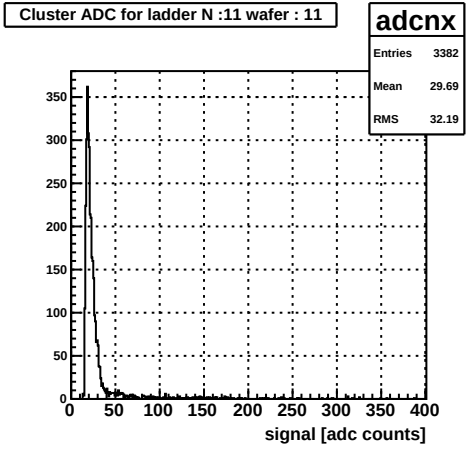

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1526
Mean 38.75
RMS 45.95
signal [adc counts]

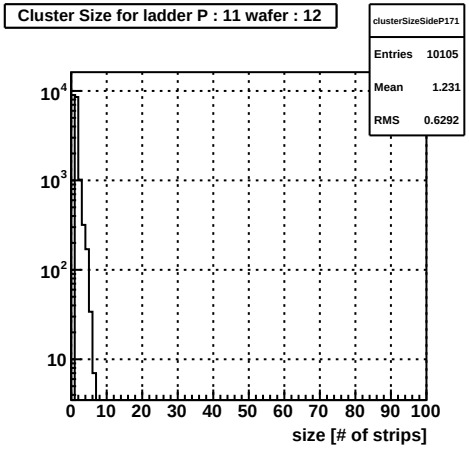

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 444
Mean 1.194
RMS 0.473
size [# of strips]

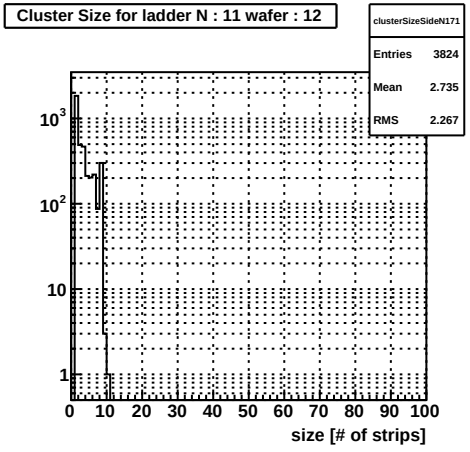

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3382
Mean 1.09
RMS 0.367
size [# of strips]

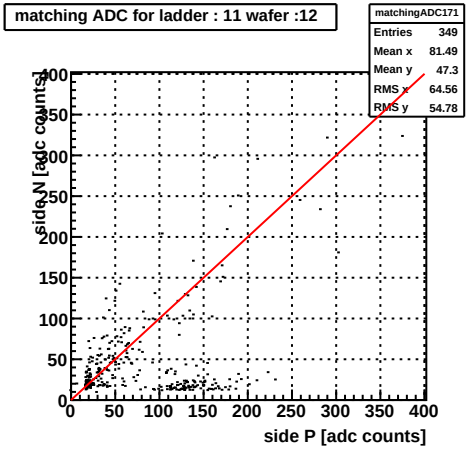

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 291
Mean x 84.01
Mean y 88.24
RMS x 64.97
RMS y 72.33
side N [adc counts]
side P [adc counts]

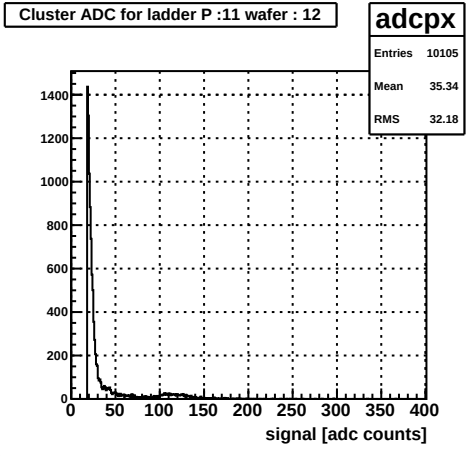

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 444
Mean 76.19
RMS 64.82
signal [adc counts]

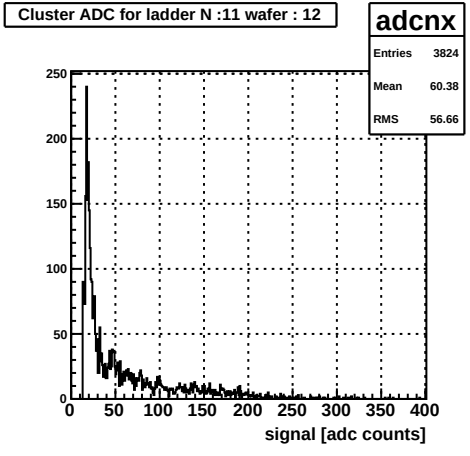

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3382
Mean 29.69
RMS 32.19
signal [adc counts]

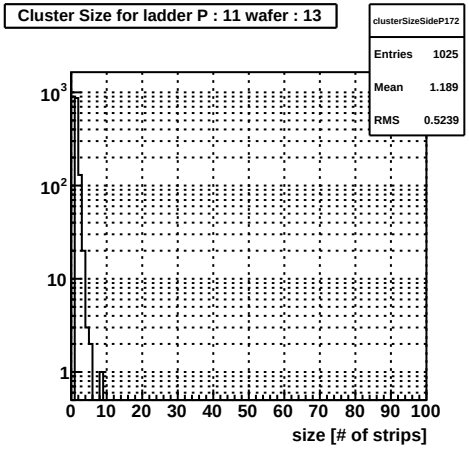

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10105
Mean 1.231
RMS 0.6292
size [# of strips]

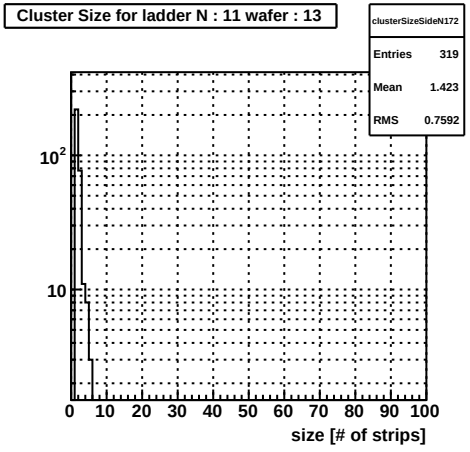

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 3824
Mean 2.735
RMS 2.267
size [# of strips]

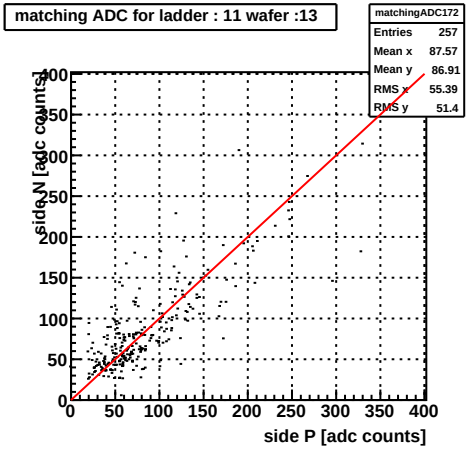

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 349
Mean x 81.49
Mean y 47.3
RMS x 64.56
RMS y 54.78
side N [adc counts]
side P [adc counts]

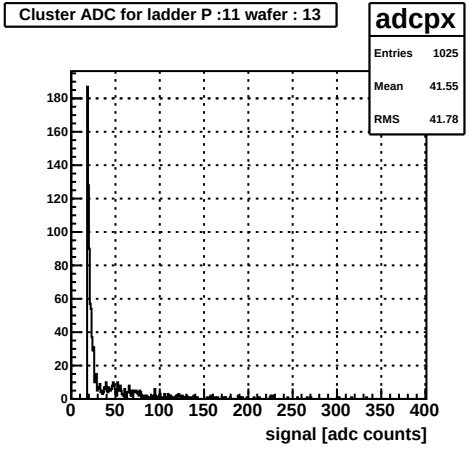

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10105
Mean 35.34
RMS 32.18
signal [adc counts]

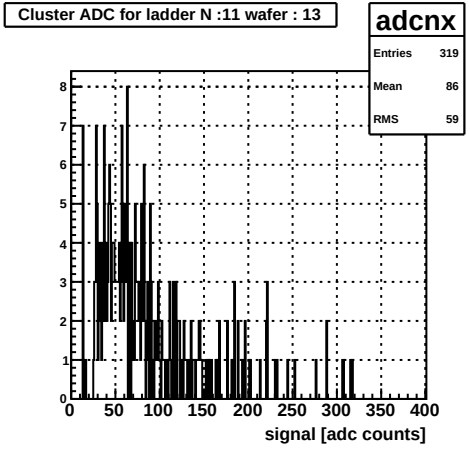

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 3824
Mean 60.38
RMS 56.66
signal [adc counts]

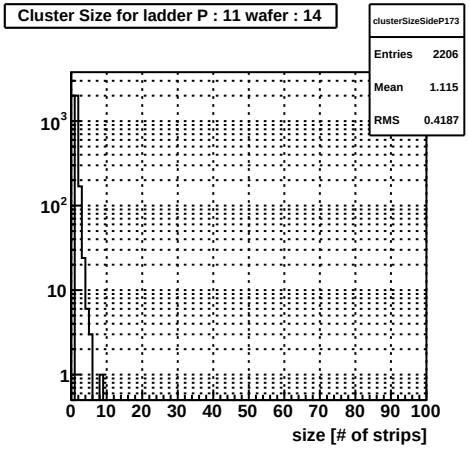

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1025
Mean 1.189
RMS 0.5239
size [# of strips]

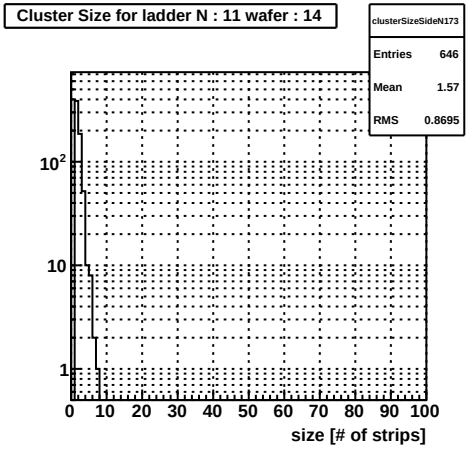

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 319
Mean 1.423
RMS 0.7592
size [# of strips]

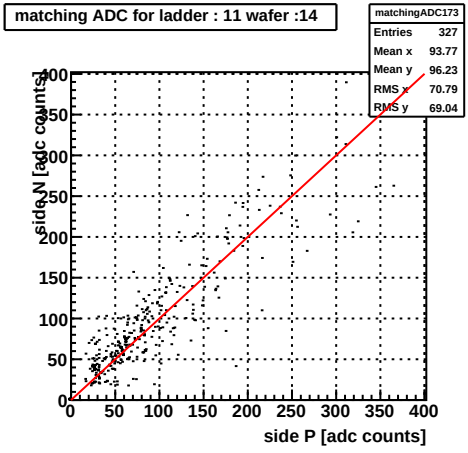

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 257
Mean x 87.57
Mean y 86.91
RMS x 55.39
RMS y 51.4
side N [adc counts]
side P [adc counts]

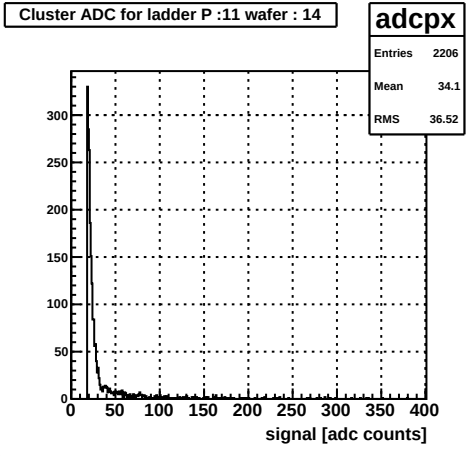

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1025
Mean 41.55
RMS 41.78
signal [adc counts]

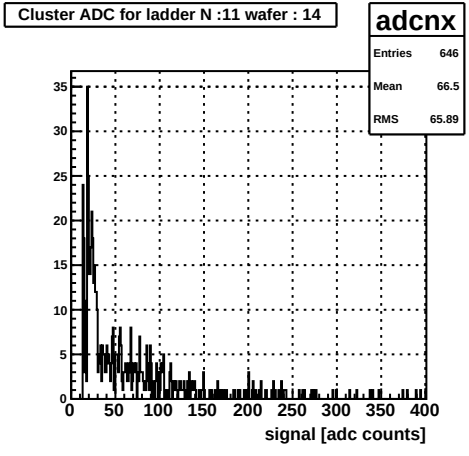

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 319
Mean 86
RMS 59
signal [adc counts]

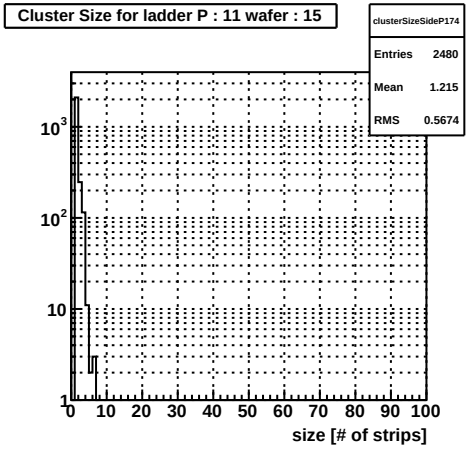

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2206
Mean 1.115
RMS 0.4187
size [# of strips]

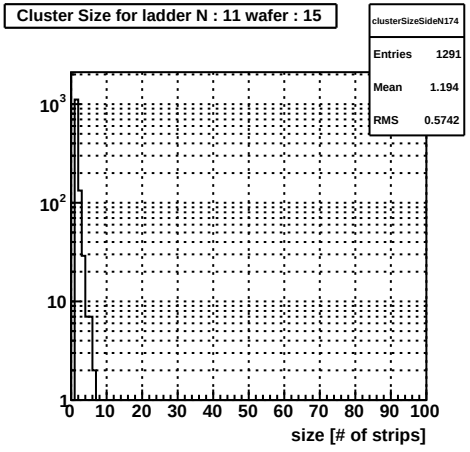

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 646
Mean 1.57
RMS 0.8695
size [# of strips]

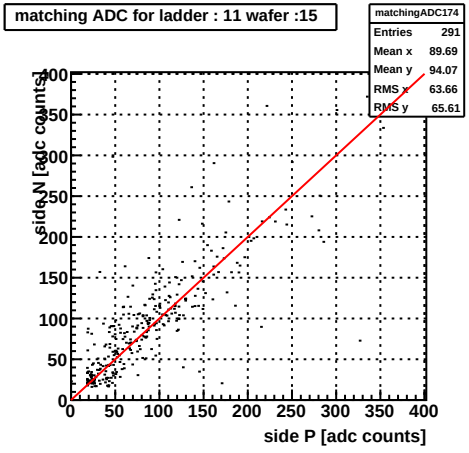

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 327
Mean x 93.77
Mean y 96.23
RMS x 70.79
RMS y 69.04
side N [adc counts]
side P [adc counts]

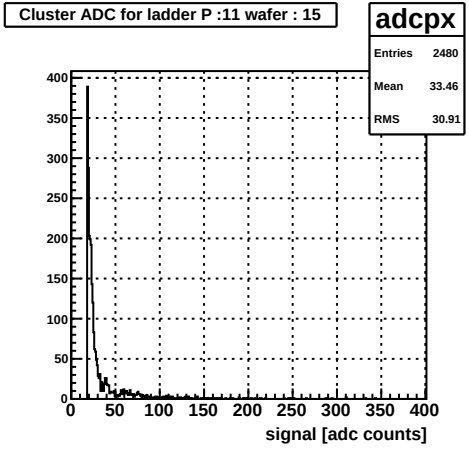

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2206
Mean 34.1
RMS 36.52
signal [adc counts]

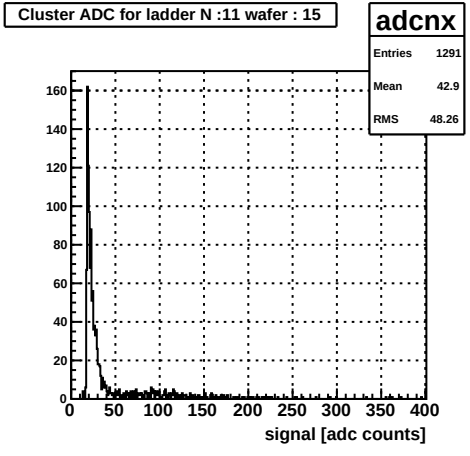

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 646
Mean 66.5
RMS 65.89
signal [adc counts]

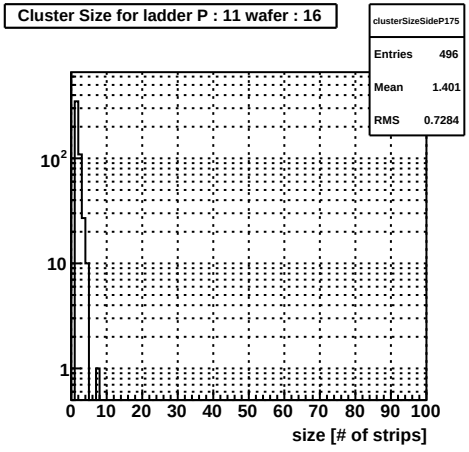

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2480
Mean 1.215
RMS 0.5674
size [# of strips]

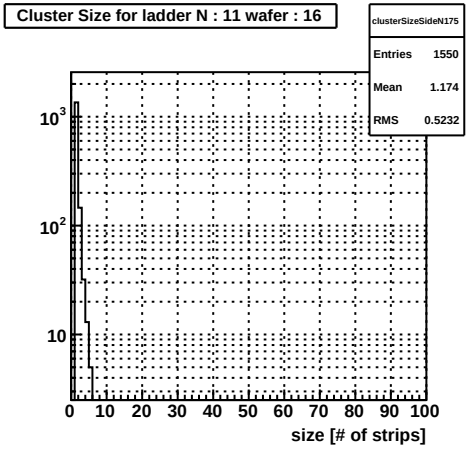

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1291
Mean 1.194
RMS 0.5742
size [# of strips]

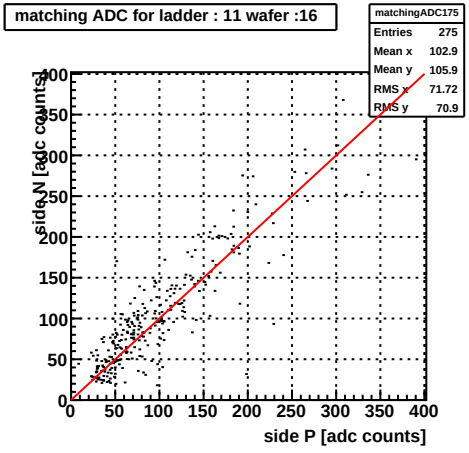

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 291
Mean x 89.69
Mean y 94.07
RMS x 63.66
RMS y 65.61
side N [adc counts]
side P [adc counts]

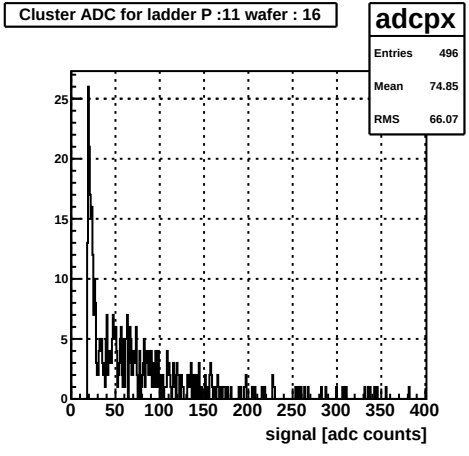

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2480
Mean 33.46
RMS 30.91
signal [adc counts]

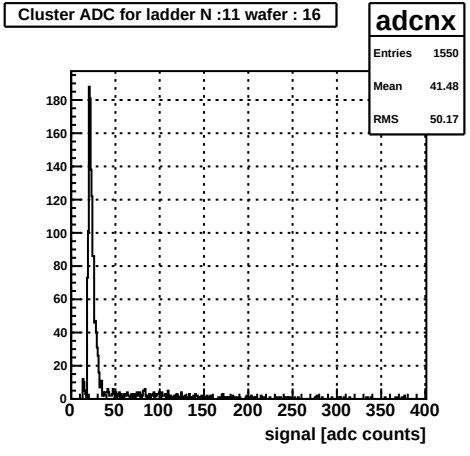

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1291
Mean 42.9
RMS 48.26
signal [adc counts]

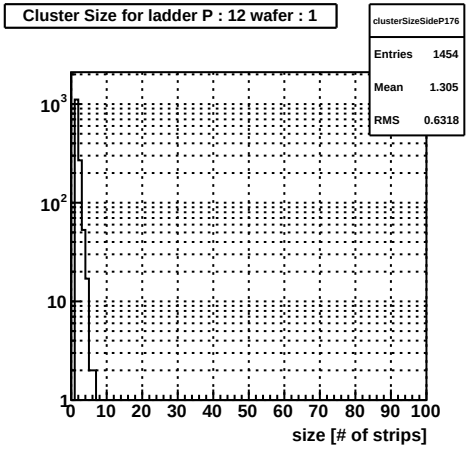

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 496
Mean 1.401
RMS 0.7284
size [# of strips]

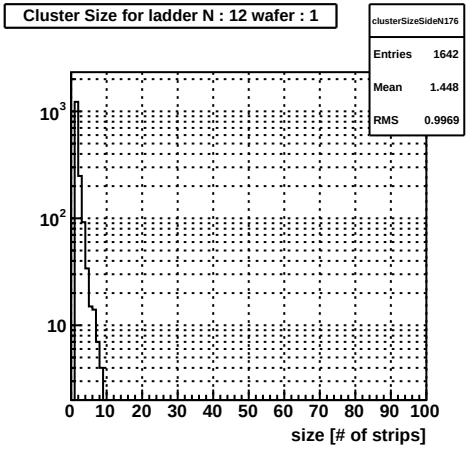

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1550
Mean 1.174
RMS 0.5232
size [# of strips]

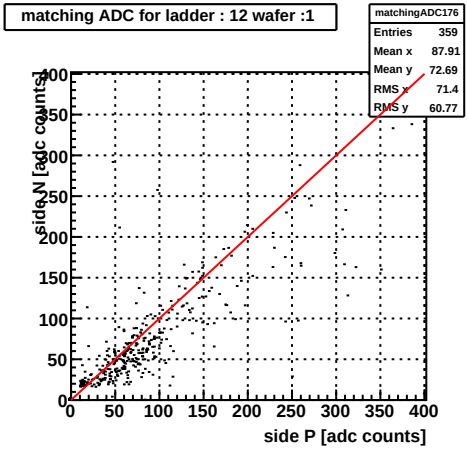

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 275
Mean x 102.9
Mean y 105.9
RMS x 71.72
RMS y 70.9
side N [adc counts]
side P [adc counts]

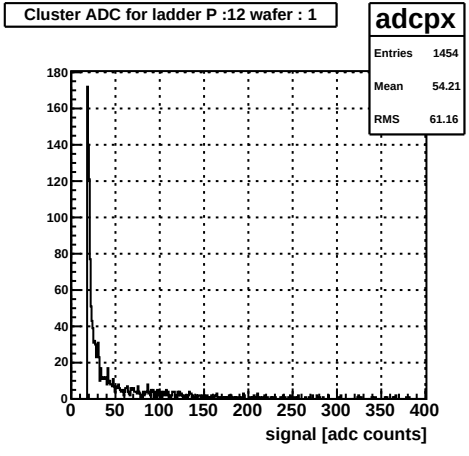

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 496
Mean 74.85
RMS 66.07
signal [adc counts]

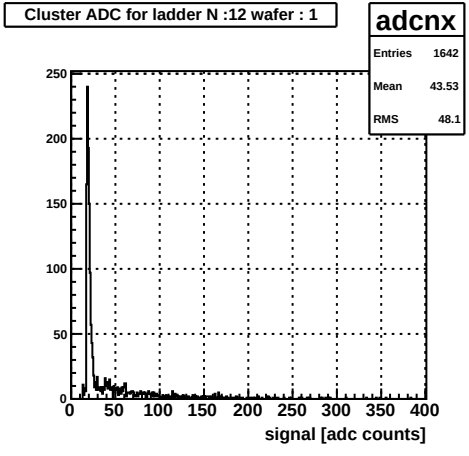

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1550
Mean 41.48
RMS 50.17
signal [adc counts]

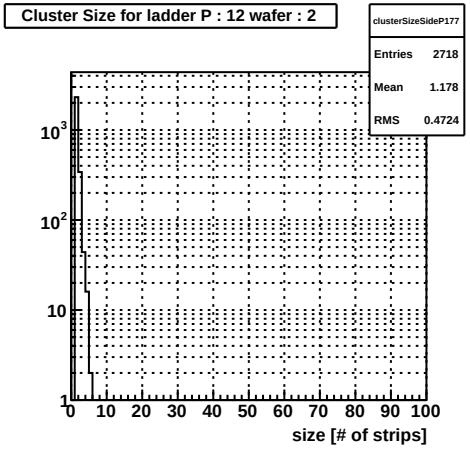

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1454
Mean 1.305
RMS 0.6318
size [# of strips]

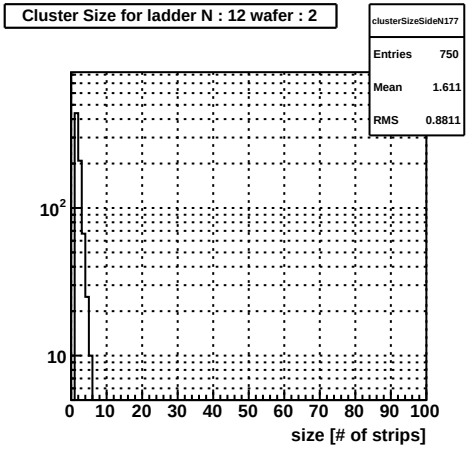

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1642
Mean 1.448
RMS 0.9969
size [# of strips]

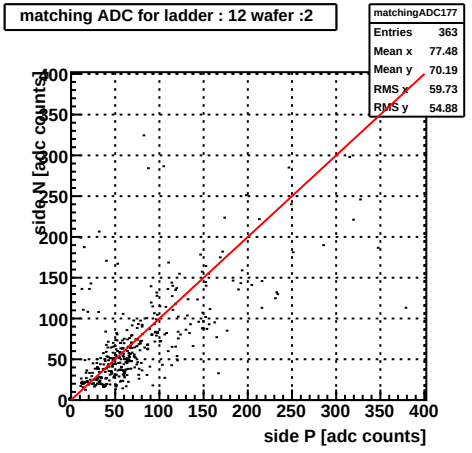

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 359
Mean x 87.91
Mean y 72.69
RMS x 71.4
RMS y 60.77
side N [adc counts]
side P [adc counts]

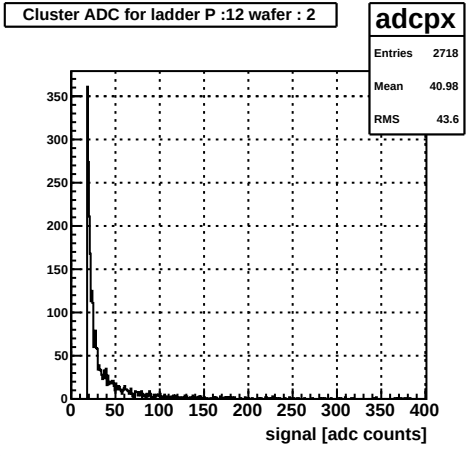

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1454
Mean 54.21
RMS 61.16
signal [adc counts]

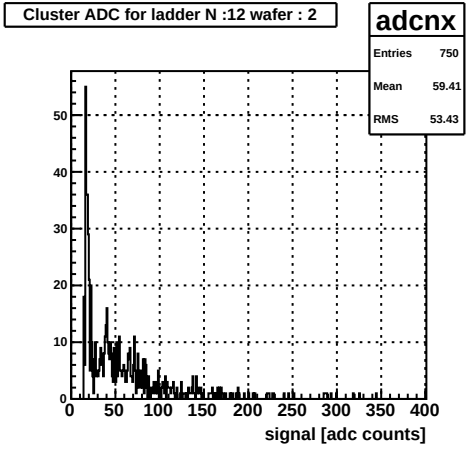

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1642
Mean 43.53
RMS 48.1
signal [adc counts]

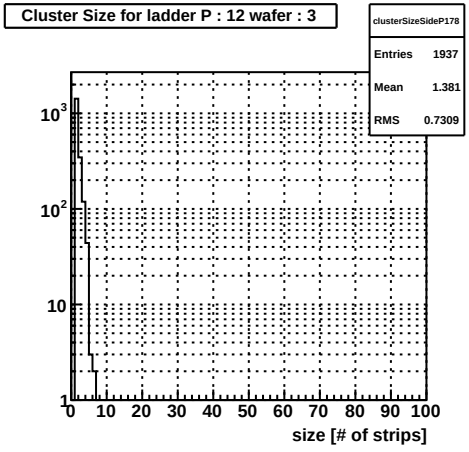

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2718
Mean 1.178
RMS 0.4724
size [# of strips]

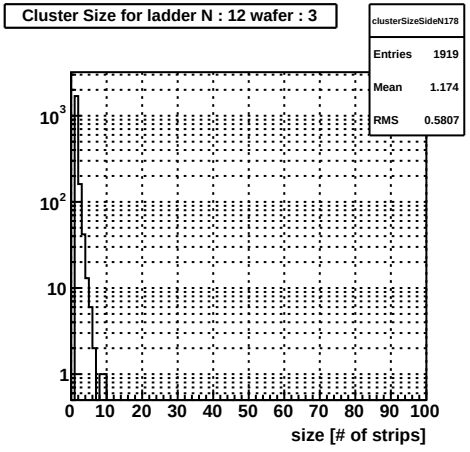

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 750
Mean 1.611
RMS 0.8811
size [# of strips]

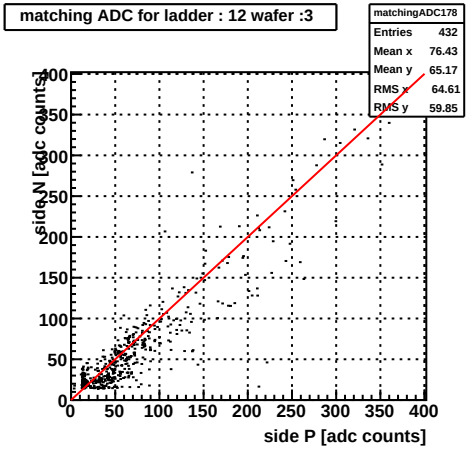

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 363
Mean x 77.48
Mean y 70.19
RMS x 59.73
RMS y 54.88
side N [adc counts]
side P [adc counts]

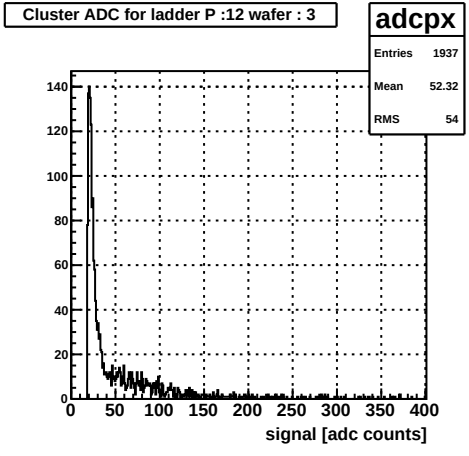

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2718
Mean 40.98
RMS 43.6
signal [adc counts]

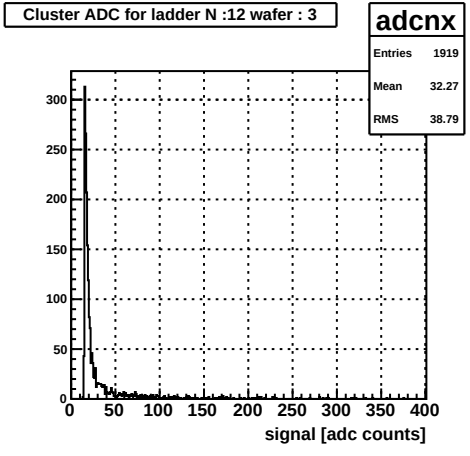

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 750
Mean 59.41
RMS 53.43
signal [adc counts]

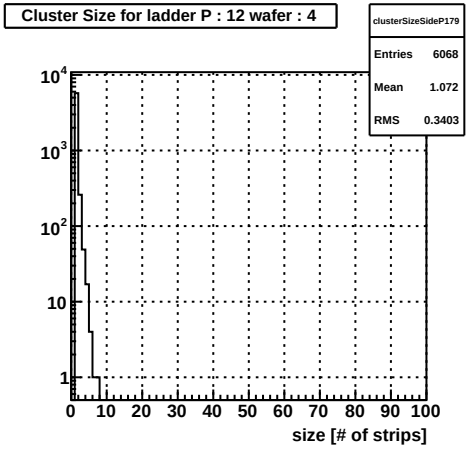

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1937
Mean 1.381
RMS 0.7309
size [# of strips]

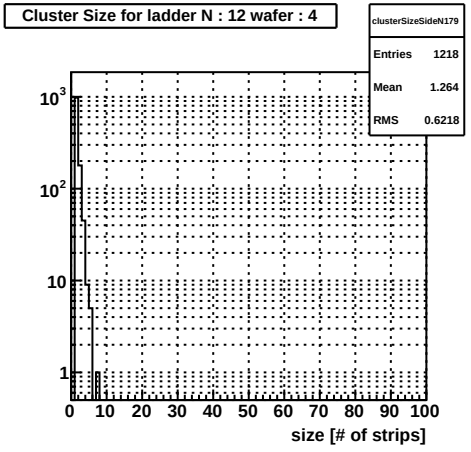

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1919
Mean 1.174
RMS 0.5807
size [# of strips]

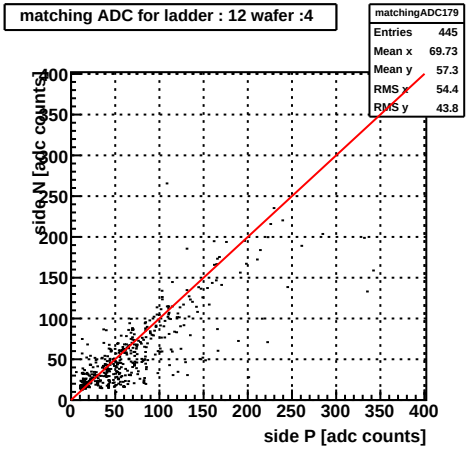

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 432
Mean x 76.43
Mean y 65.17
RMS x 64.61
RMS y 59.85
side N [adc counts]
side P [adc counts]

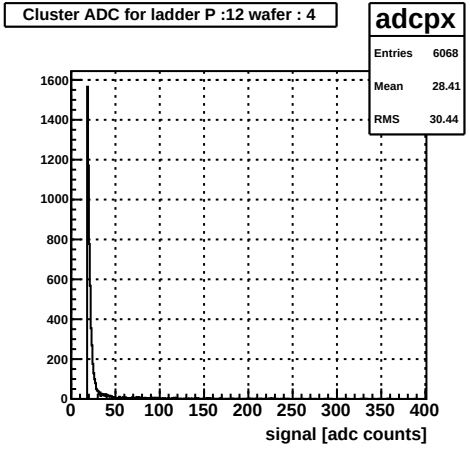

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1937
Mean 52.32
RMS 54
signal [adc counts]

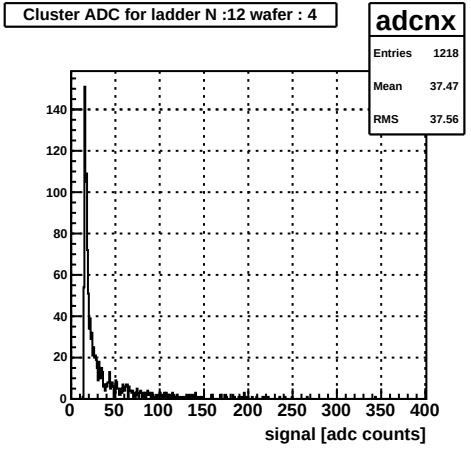

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1919
Mean 32.27
RMS 38.79
signal [adc counts]

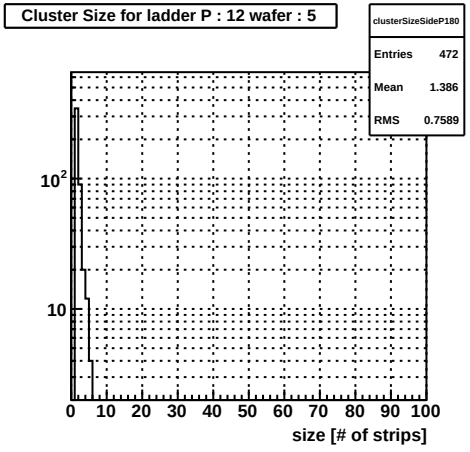

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6068
Mean 1.072
RMS 0.3403
size [# of strips]

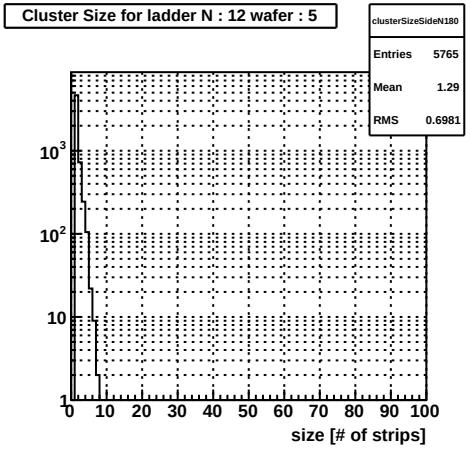

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1218
Mean 1.264
RMS 0.6218
size [# of strips]

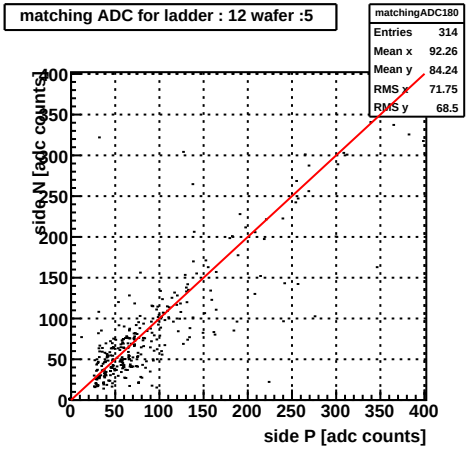

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 445
Mean x 69.73
Mean y 57.3
RMS x 54.4
RMS y 43.8
side N [adc counts]
side P [adc counts]

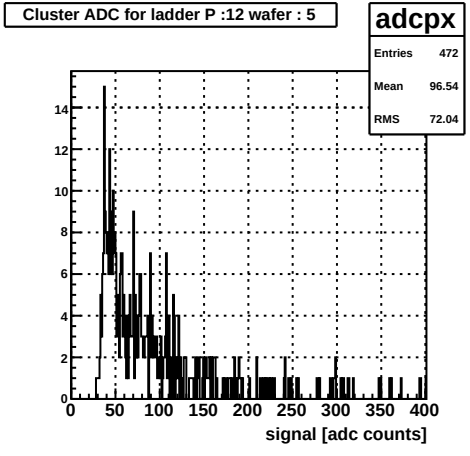

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6068
Mean 28.41
RMS 30.44
signal [adc counts]

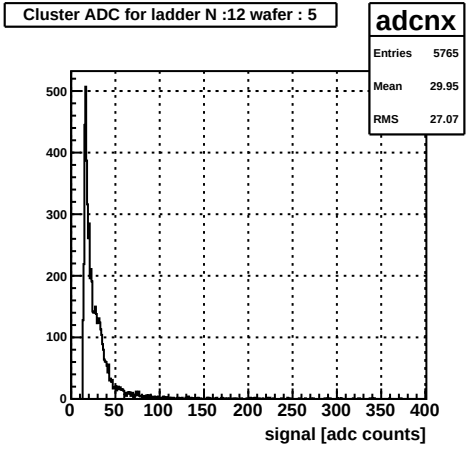

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1218
Mean 37.47
RMS 37.56
signal [adc counts]

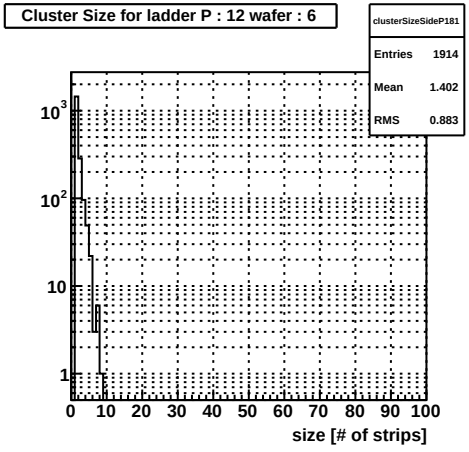

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 472
Mean 1.386
RMS 0.7589
size [# of strips]

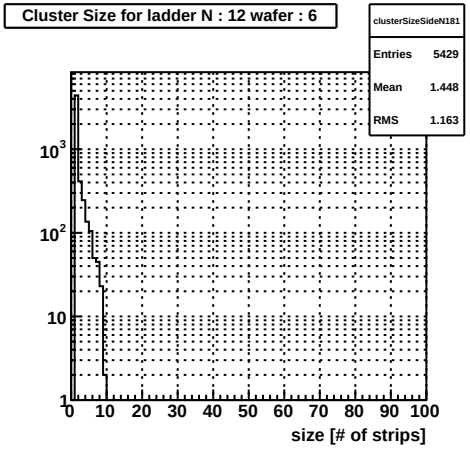

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5765
Mean 1.29
RMS 0.6981
size [# of strips]

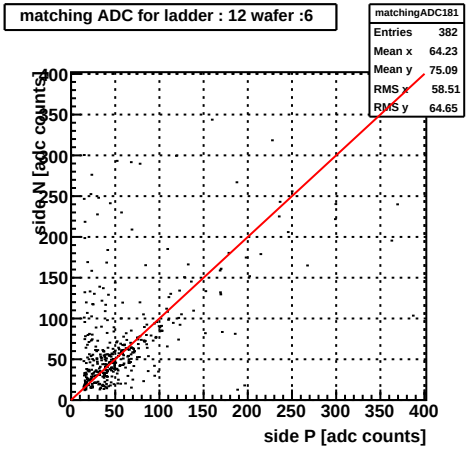

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 314
Mean x 92.26
Mean y 84.24
RMS x 71.75
RMS y 68.5
side N [adc counts]
side P [adc counts]

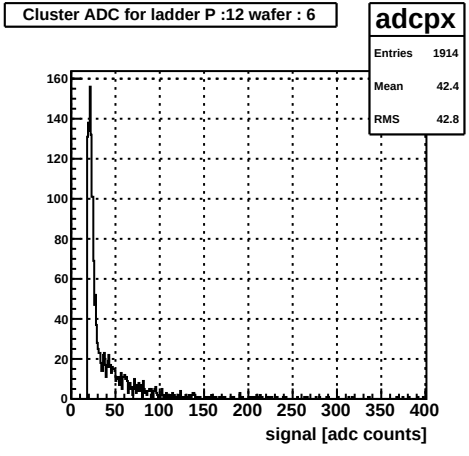

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 472
Mean 96.54
RMS 72.04
signal [adc counts]

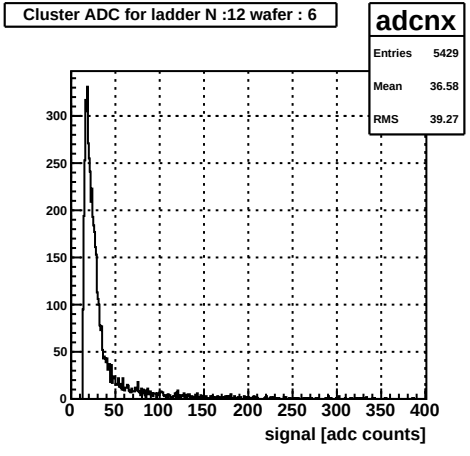

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5765
Mean 29.95
RMS 27.07
signal [adc counts]

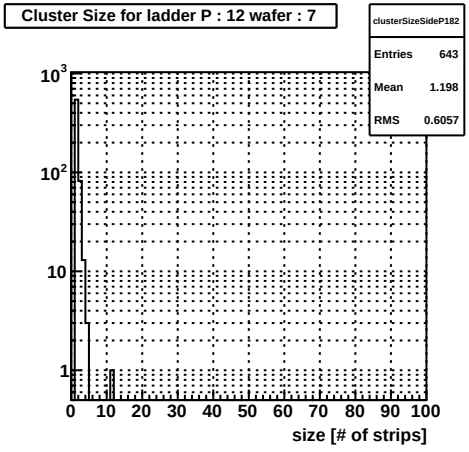

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1914
Mean 1.402
RMS 0.883
size [# of strips]

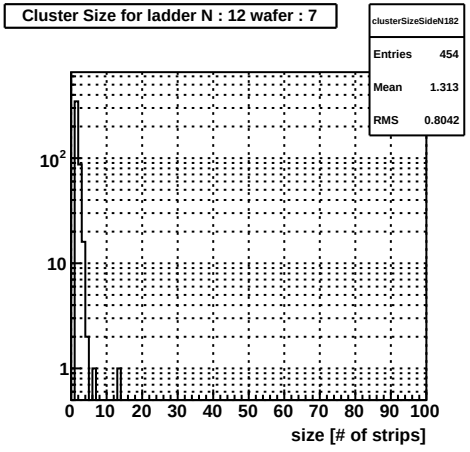

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5429
Mean 1.448
RMS 1.163
size [# of strips]

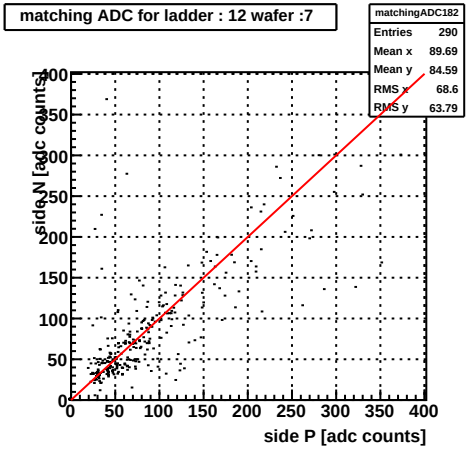

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 382
Mean x 64.23
Mean y 75.09
RMS x 58.51
RMS y 64.65
side N [adc counts]
side P [adc counts]

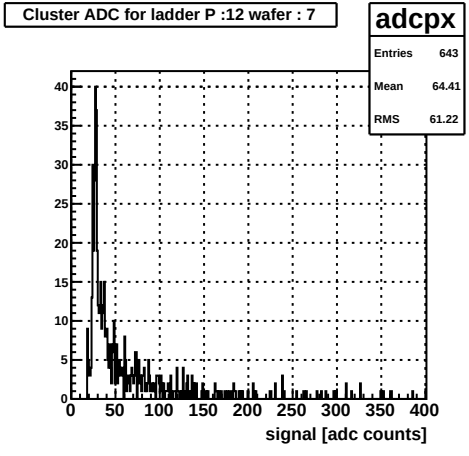

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1914
Mean 42.4
RMS 42.8
signal [adc counts]

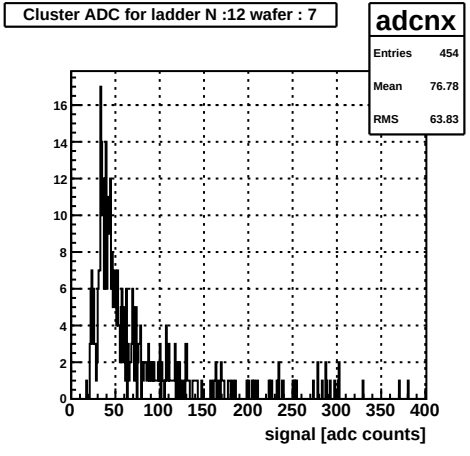

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5429
Mean 36.58
RMS 39.27
signal [adc counts]

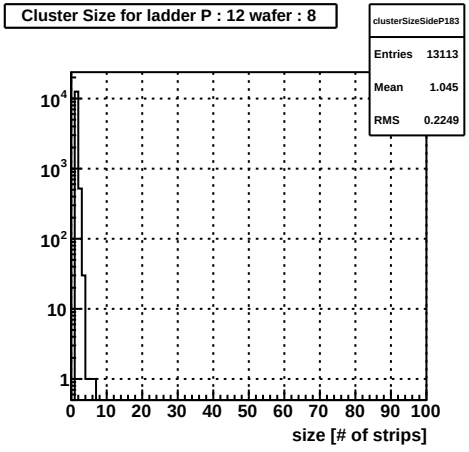

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 643
Mean 1.198
RMS 0.6057
size [# of strips]

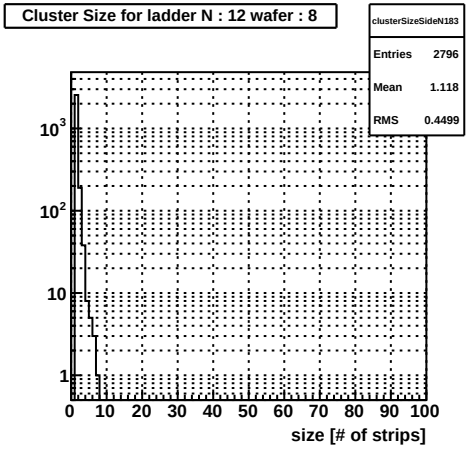

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 454
Mean 1.313
RMS 0.8042
size [# of strips]

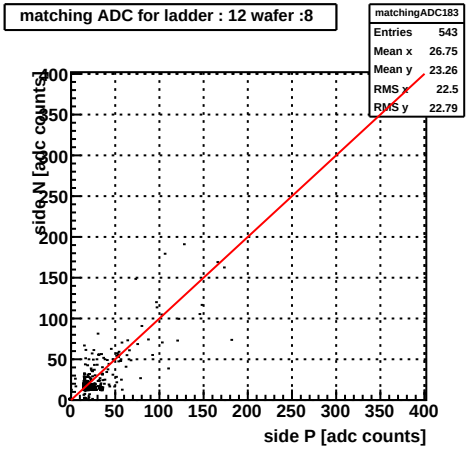

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 290
Mean x 89.69
Mean y 84.59
RMS x 68.6
RMS y 63.79
side N [adc counts]
side P [adc counts]

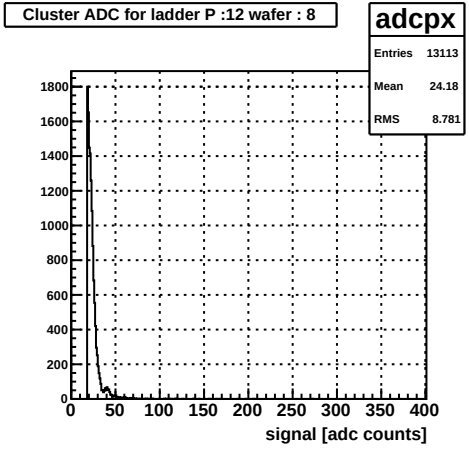

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 643
Mean 64.41
RMS 61.22
signal [adc counts]

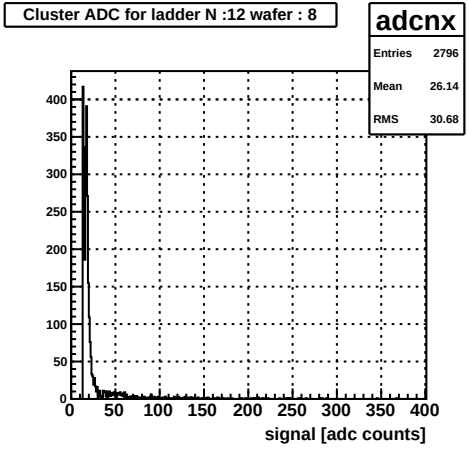

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 454
Mean 76.78
RMS 63.83
signal [adc counts]

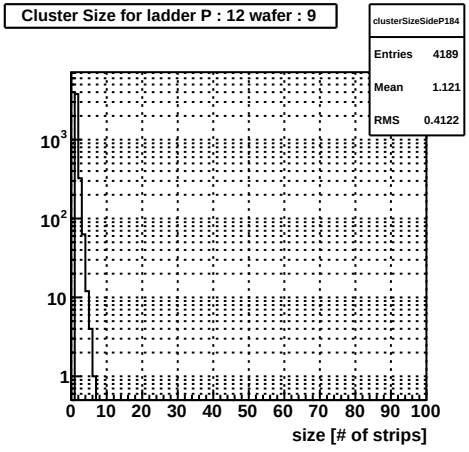

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 13113
Mean 1.045
RMS 0.2249
size [# of strips]

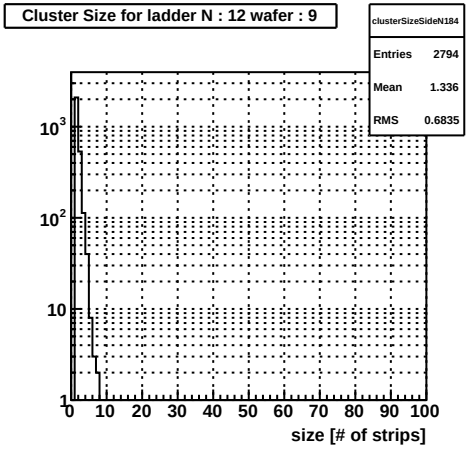

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2796
Mean 1.118
RMS 0.4499
size [# of strips]

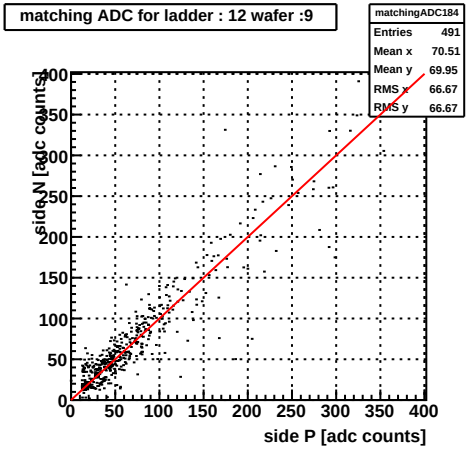

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 543
Mean x 26.75
Mean y 23.26
RMS x 22.5
RMS y 22.79
side N [adc counts]
side P [adc counts]

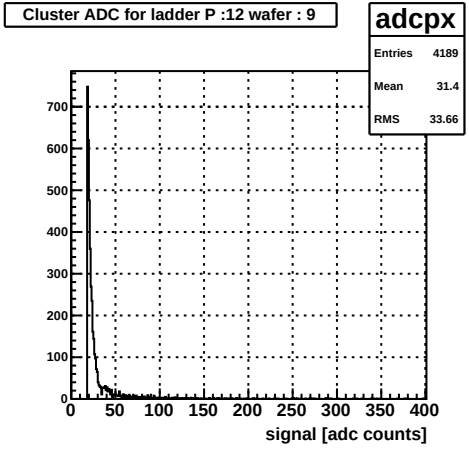

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 13113
Mean 24.18
RMS 8.781
signal [adc counts]

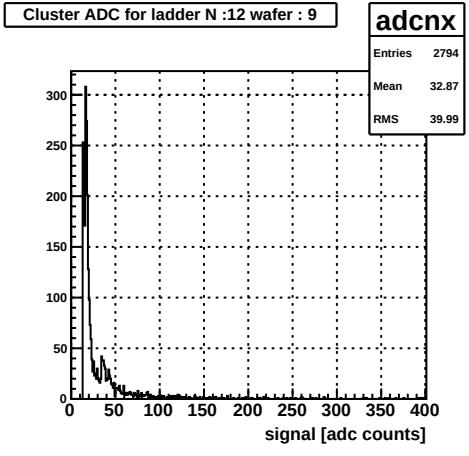

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2796
Mean 26.14
RMS 30.68
signal [adc counts]

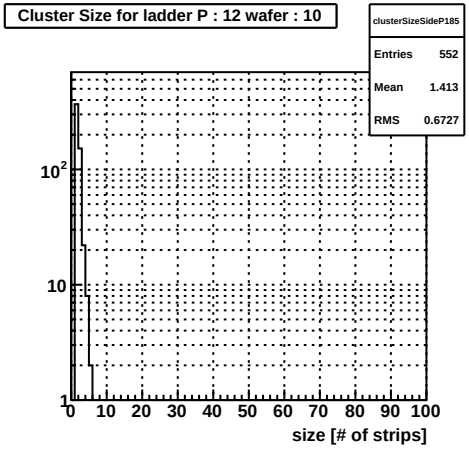

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4189
Mean 1.121
RMS 0.4122
size [# of strips]

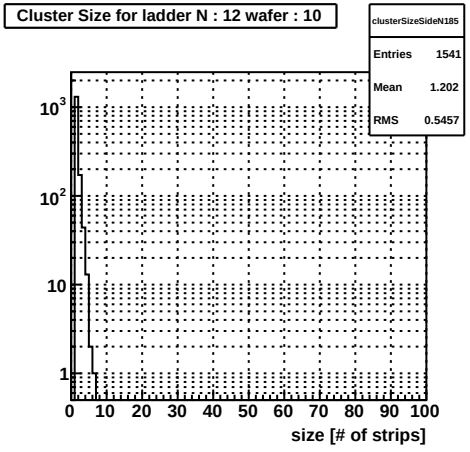

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2794
Mean 1.336
RMS 0.6835
size [# of strips]

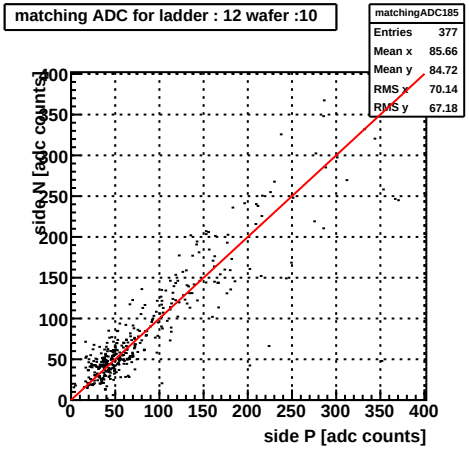

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 491
Mean x 70.51
Mean y 69.95
RMS x 66.67
RMS y 66.67
side N [adc counts]
side P [adc counts]

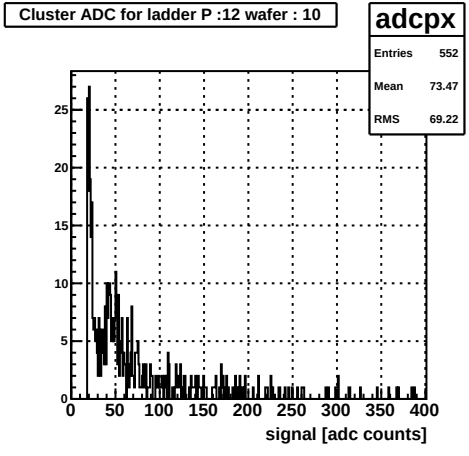

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4189
Mean 31.4
RMS 33.66
signal [adc counts]

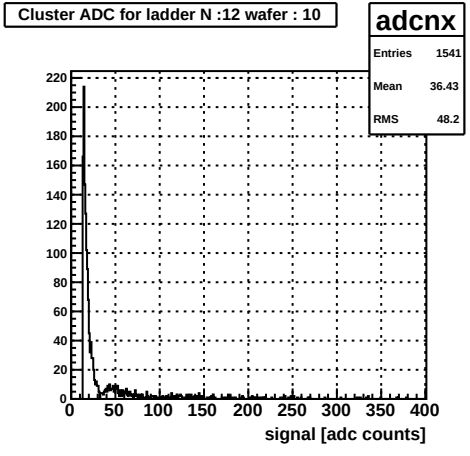

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2794
Mean 32.87
RMS 39.99
signal [adc counts]

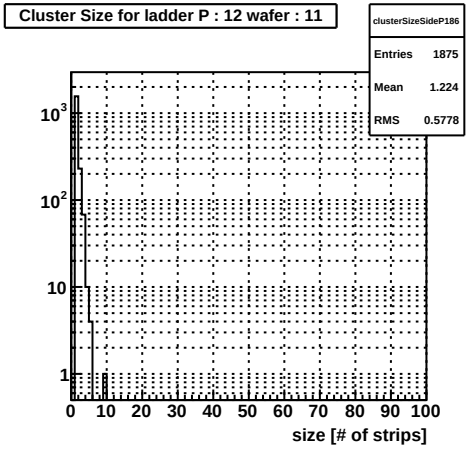

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 552
Mean 1.413
RMS 0.6727
size [# of strips]

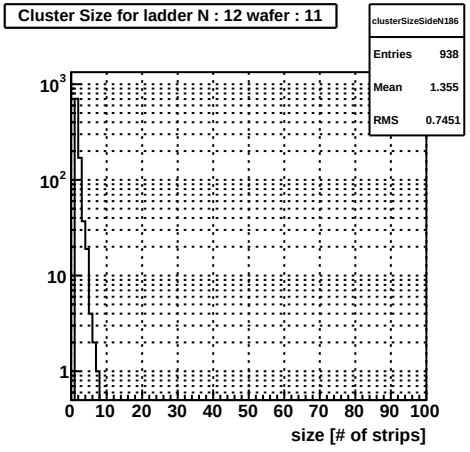

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1541
Mean 1.202
RMS 0.5457
size [# of strips]

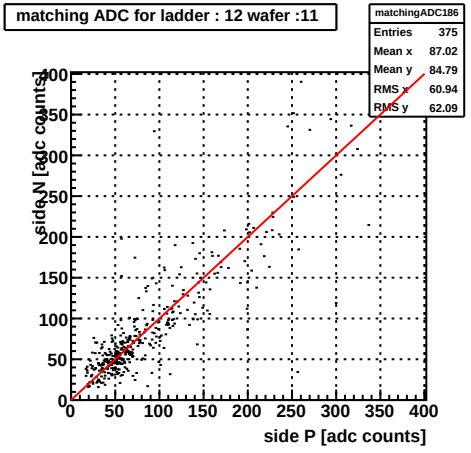

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 377
Mean x 85.66
Mean y 84.72
RMS x 70.14
RMS y 67.18
side N [adc counts]
side P [adc counts]

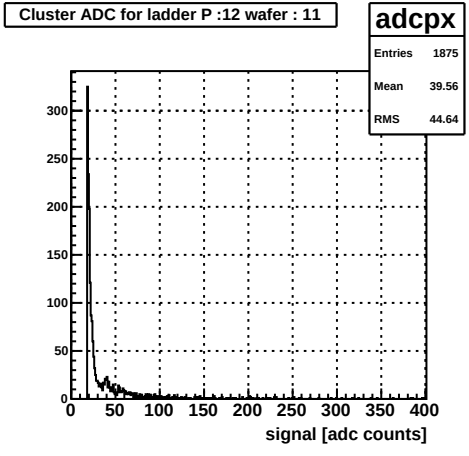

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 552
Mean 73.47
RMS 69.22
signal [adc counts]

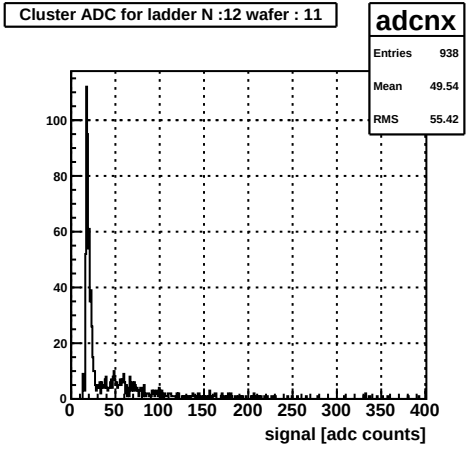

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1541
Mean 36.43
RMS 48.2
signal [adc counts]

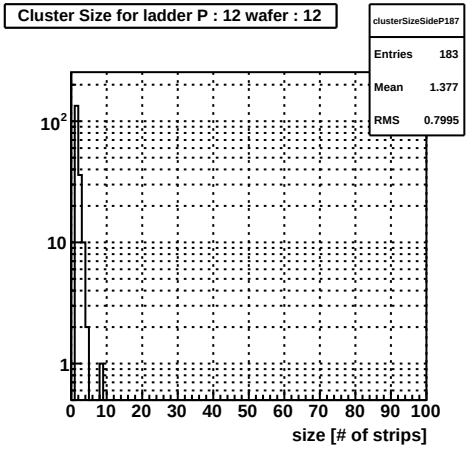

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1875
Mean 1.224
RMS 0.5778
size [# of strips]

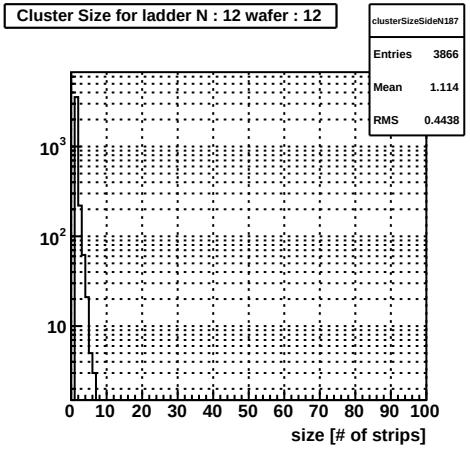

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 938
Mean 1.355
RMS 0.7451
size [# of strips]

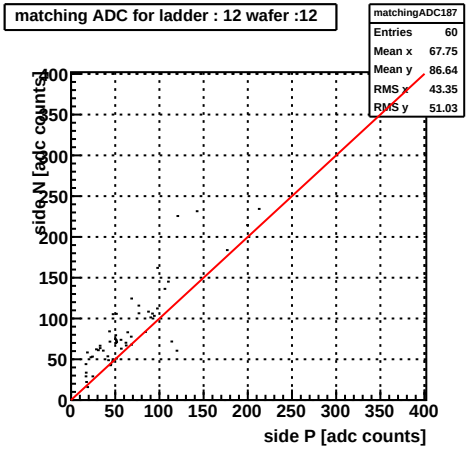

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 375
Mean x 87.02
Mean y 84.79
RMS x 60.94
RMS y 62.09
side N [adc counts]
side P [adc counts]

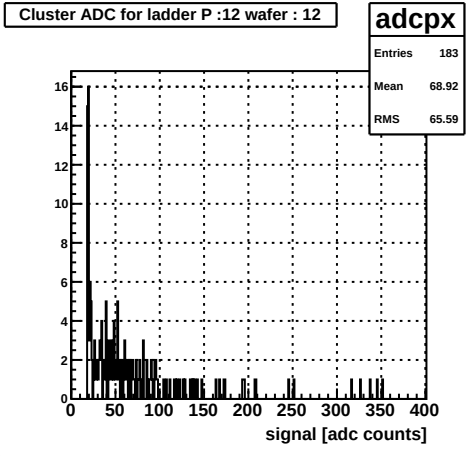

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1875
Mean 39.56
RMS 44.64
signal [adc counts]

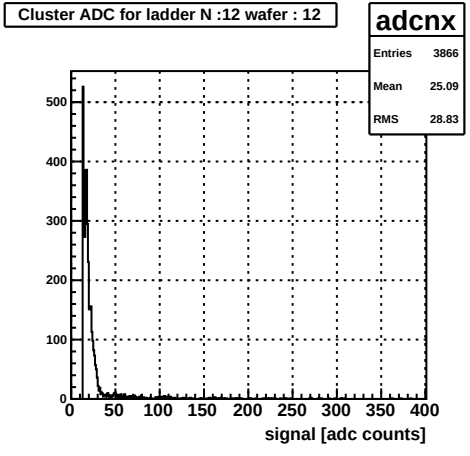

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 938
Mean 49.54
RMS 55.42
signal [adc counts]

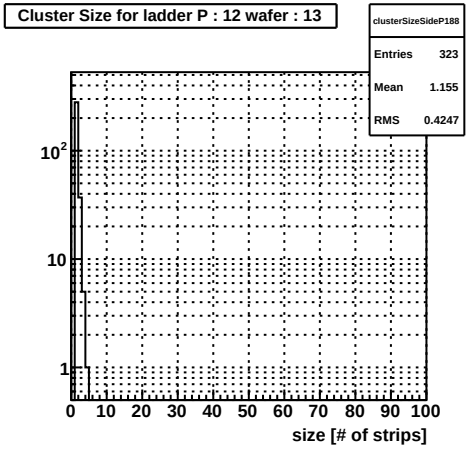

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 183
Mean 1.377
RMS 0.7995
size [# of strips]

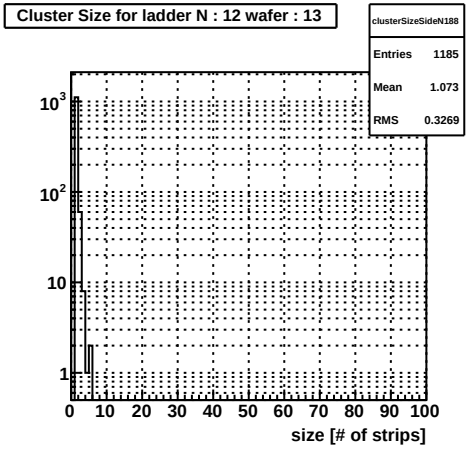

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3866
Mean 1.114
RMS 0.4438
size [# of strips]

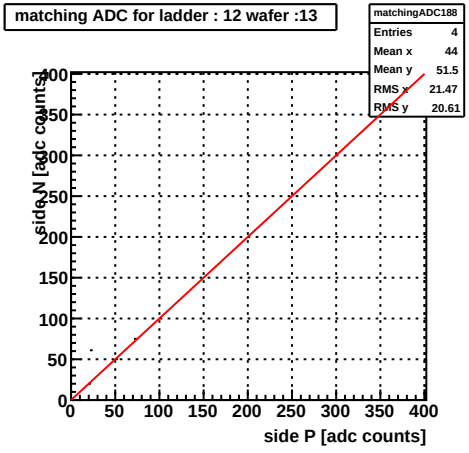

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 60
Mean x 67.75
Mean y 86.64
RMS x 43.35
RMS y 51.03
side N [adc counts]
side P [adc counts]

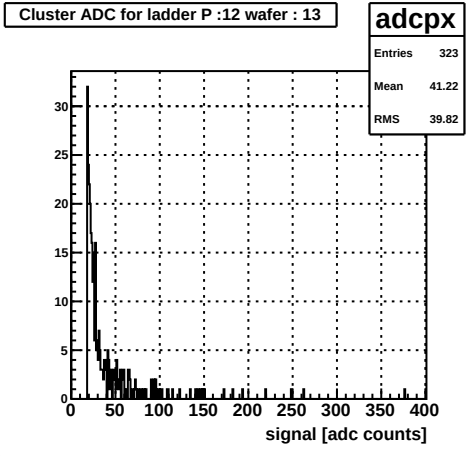

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 183
Mean 68.92
RMS 65.59
signal [adc counts]

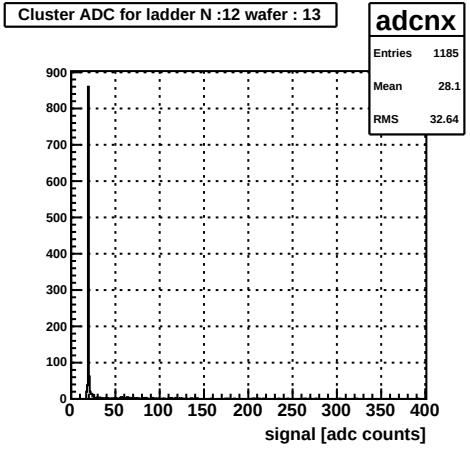

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3866
Mean 25.09
RMS 28.83
signal [adc counts]

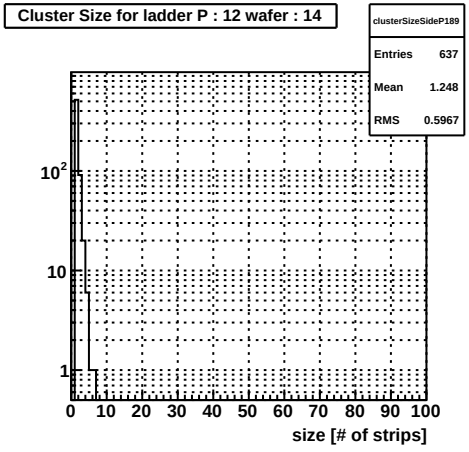

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 323
Mean 1.155
RMS 0.4247
size [# of strips]

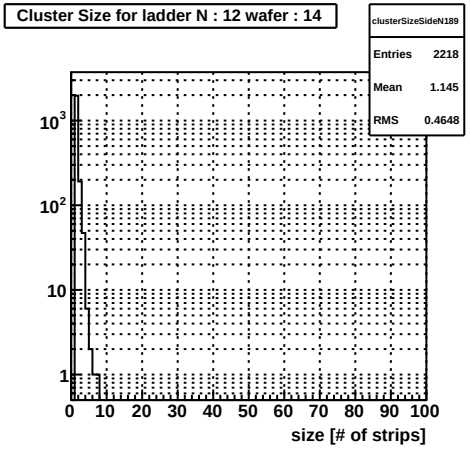

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1185
Mean 1.073
RMS 0.3269
size [# of strips]

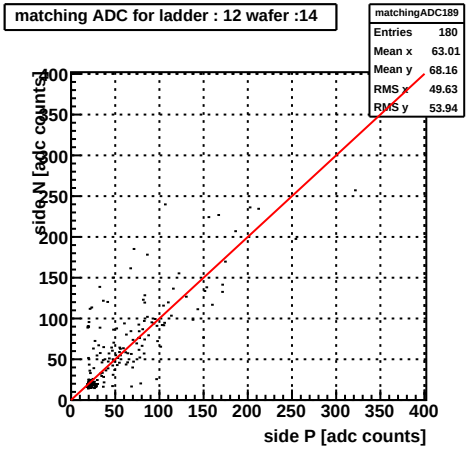

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 4
Mean x 44
Mean y 51.5
RMS x 21.47
RMS y 20.61
side N [adc counts]
side P [adc counts]

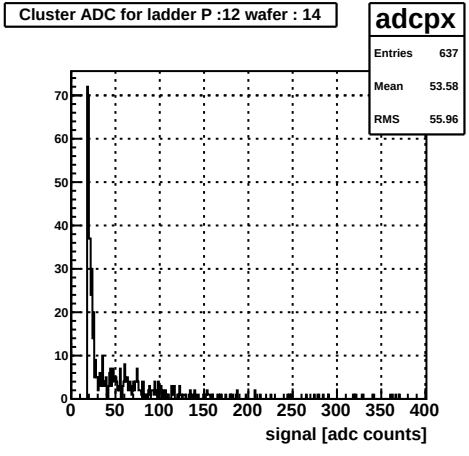

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 323
Mean 41.22
RMS 39.82
signal [adc counts]

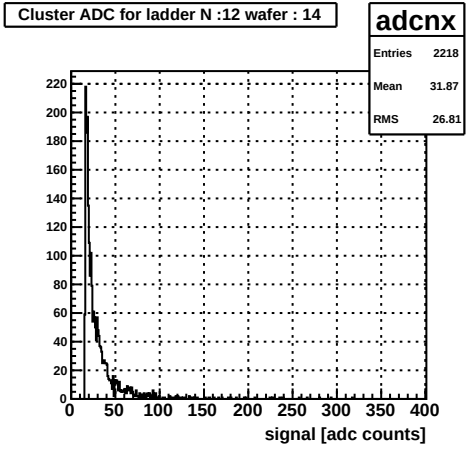

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1185
Mean 28.1
RMS 32.64
signal [adc counts]

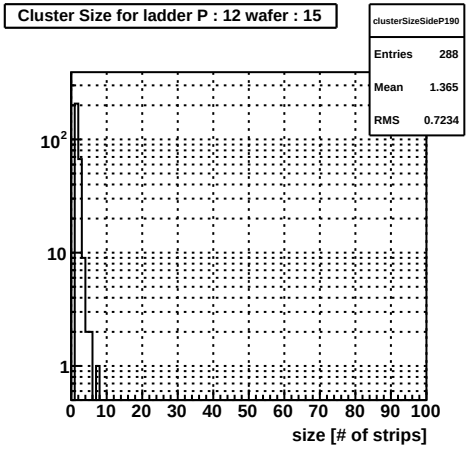

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 637
Mean 1.248
RMS 0.5967
size [# of strips]

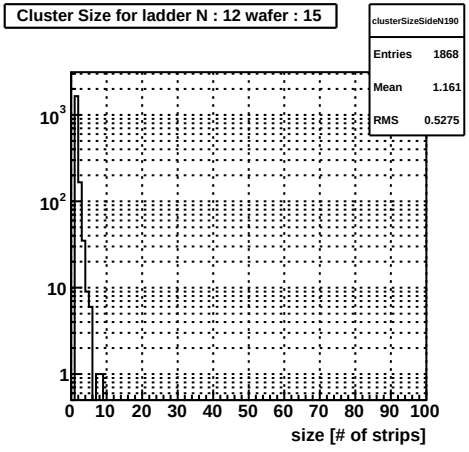

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2218
Mean 1.145
RMS 0.4648
size [# of strips]

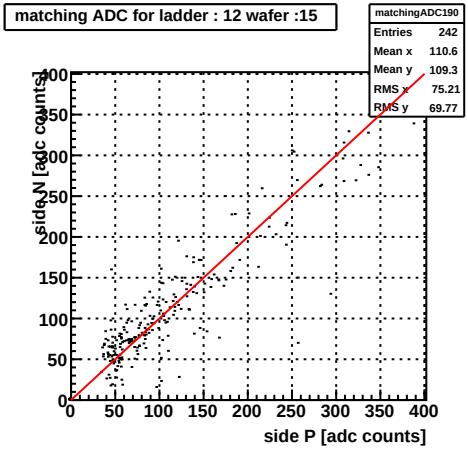

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 180
Mean x 63.01
Mean y 68.16
RMS x 49.63
RMS y 53.94
side N [adc counts]
side P [adc counts]

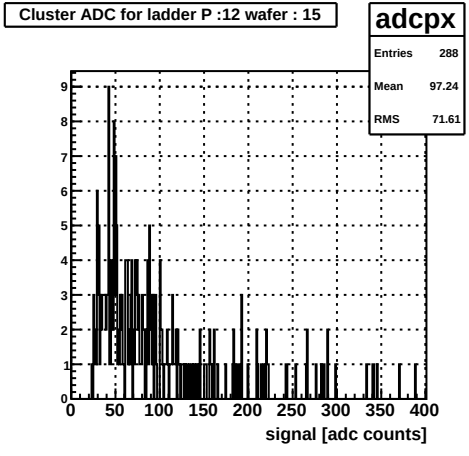

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 637
Mean 53.58
RMS 55.96
signal [adc counts]

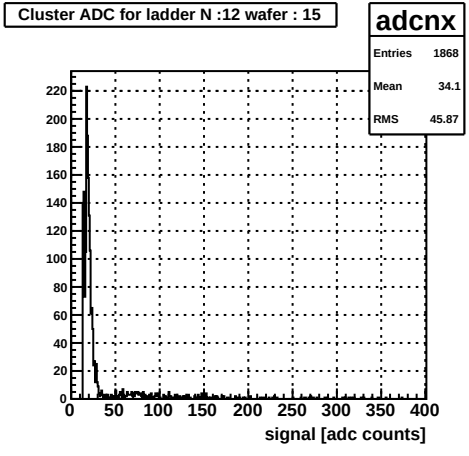

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2218
Mean 31.87
RMS 26.81
signal [adc counts]

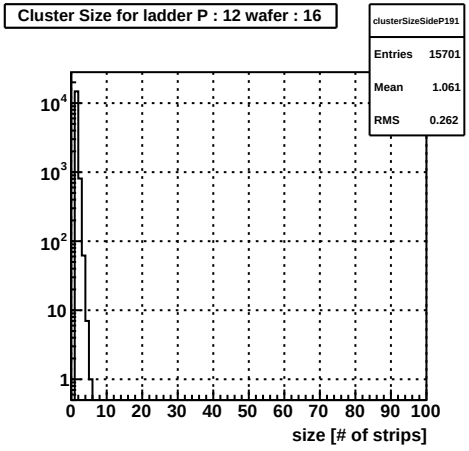

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 288
Mean 1.365
RMS 0.7234
size [# of strips]

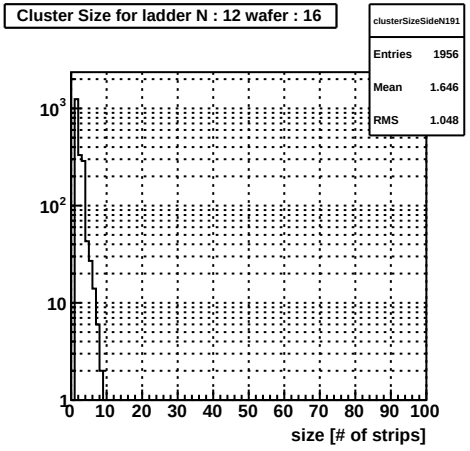

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1868
Mean 1.161
RMS 0.5275
size [# of strips]

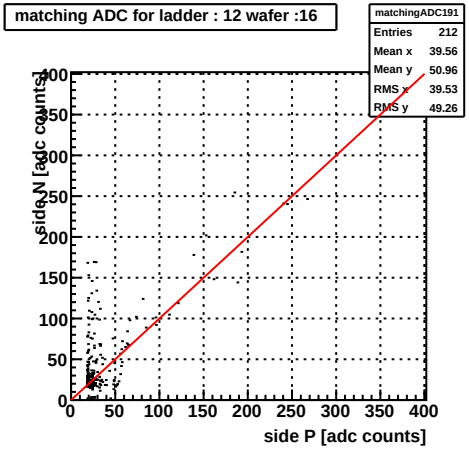

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 242
Mean x 110.6
Mean y 109.3
RMS x 75.21
RMS y 69.77
side N [adc counts]
side P [adc counts]

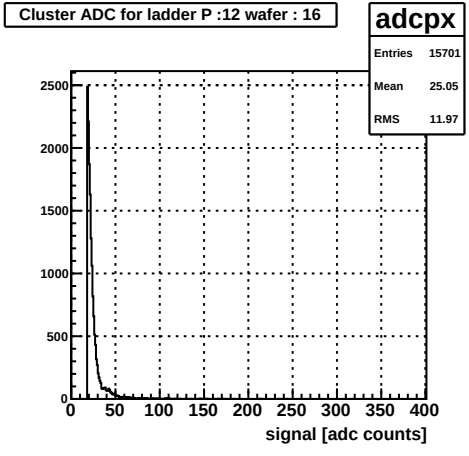

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 288
Mean 97.24
RMS 71.61
signal [adc counts]

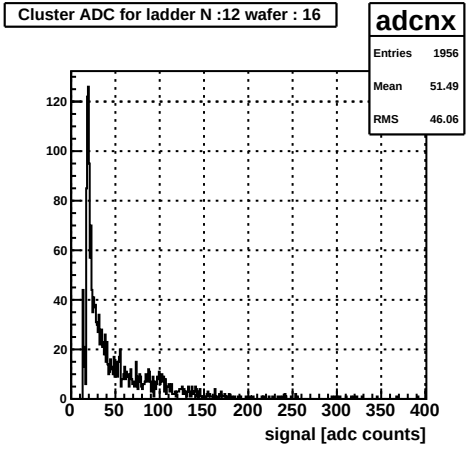

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1868
Mean 34.1
RMS 45.87
signal [adc counts]

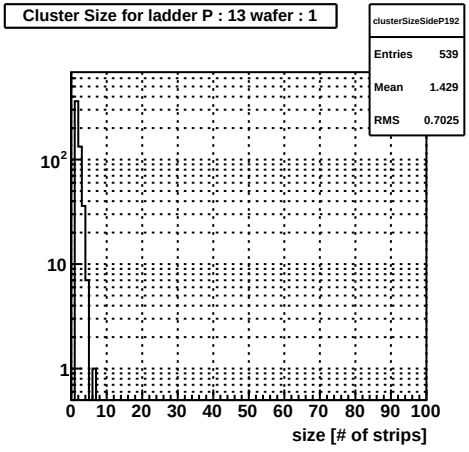

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 15701
Mean 1.061
RMS 0.262
size [# of strips]

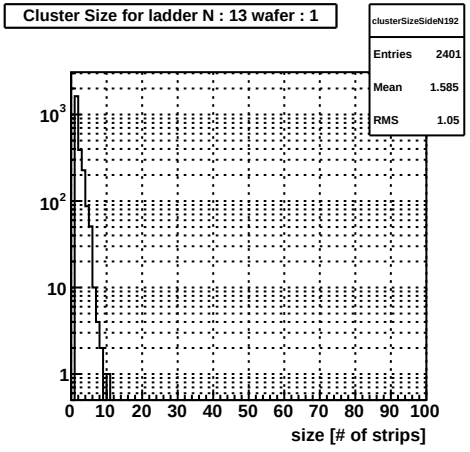

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1956
Mean 1.646
RMS 1.048
size [# of strips]

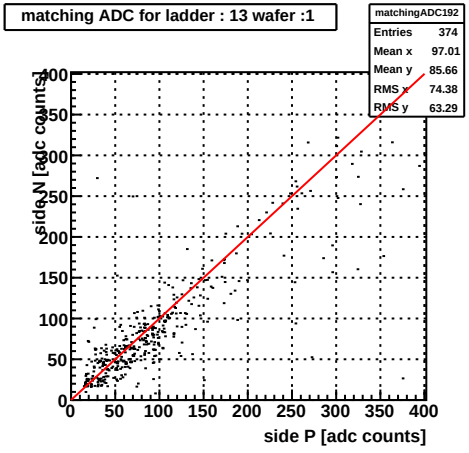

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 212
Mean x 39.56
Mean y 50.96
RMS x 39.53
RMS y 49.26
side N [adc counts]
side P [adc counts]

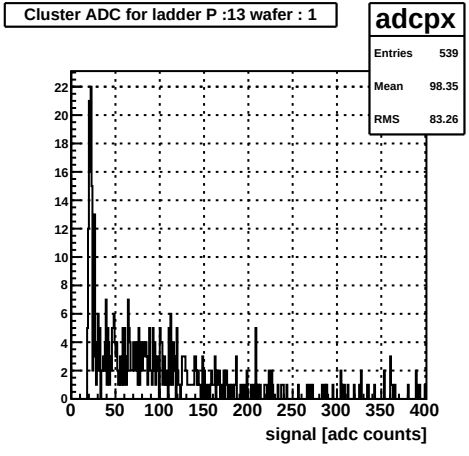

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 15701
Mean 25.05
RMS 11.97
signal [adc counts]

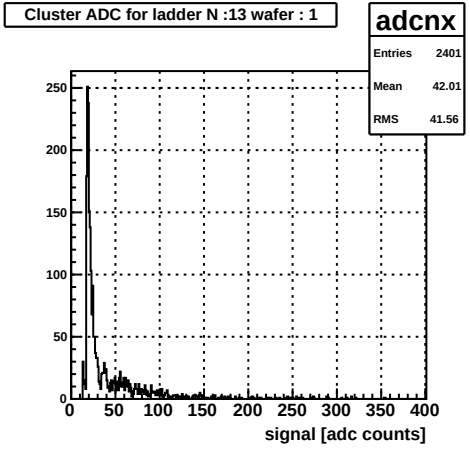

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1956
Mean 51.49
RMS 46.06
signal [adc counts]

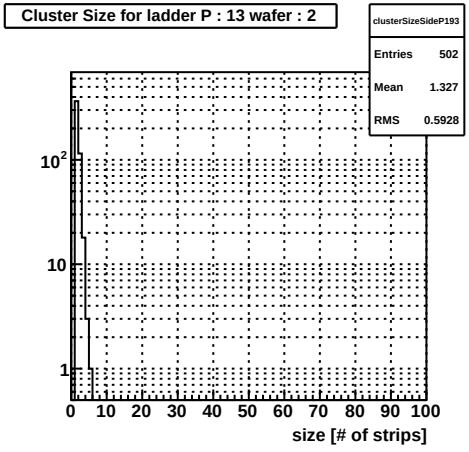

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 539
Mean 1.429
RMS 0.7025
size [# of strips]

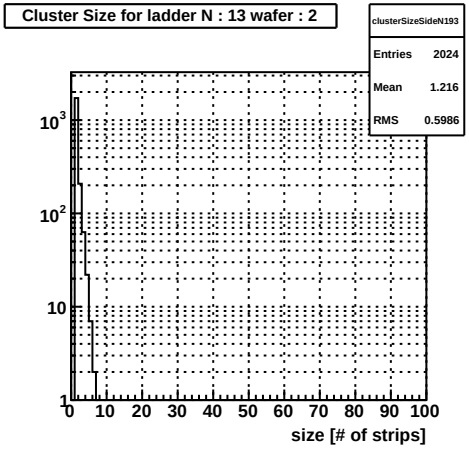

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2401
Mean 1.585
RMS 1.05
size [# of strips]

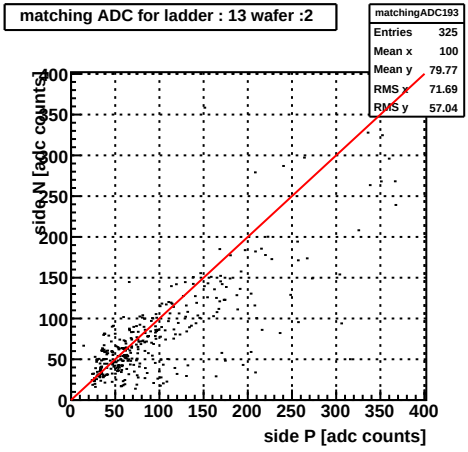

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 374
Mean x 97.01
Mean y 85.66
RMS x 74.38
RMS y 63.29
side N [adc counts]
side P [adc counts]

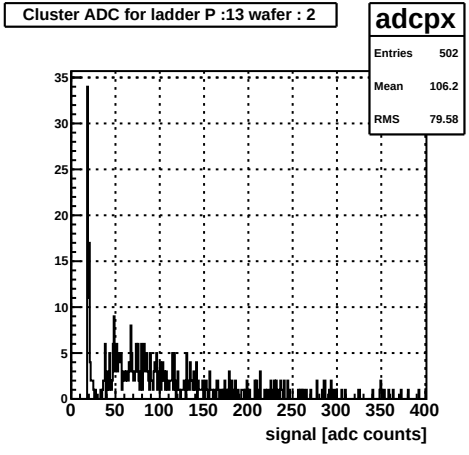

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 539
Mean 98.35
RMS 83.26
signal [adc counts]

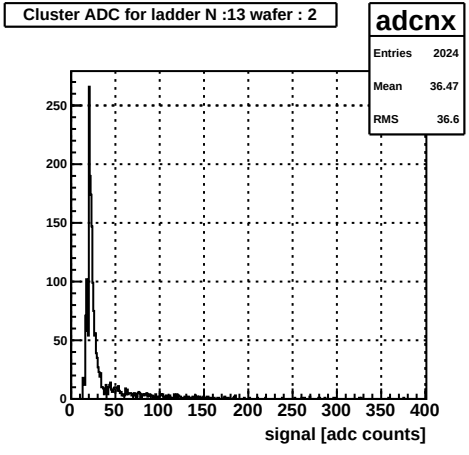

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2401
Mean 42.01
RMS 41.56
signal [adc counts]

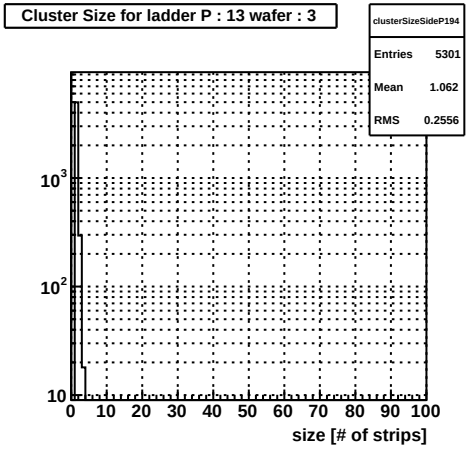

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 502
Mean 1.327
RMS 0.5928
size [# of strips]

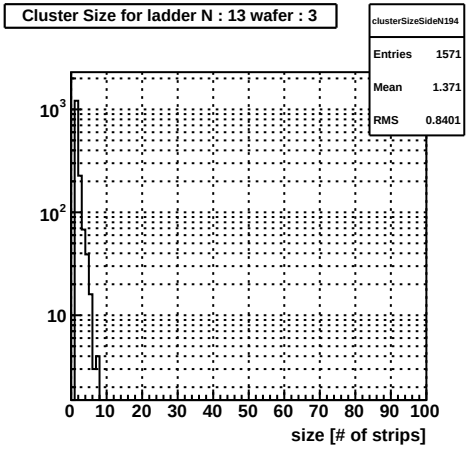

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2024
Mean 1.216
RMS 0.5986
size [# of strips]

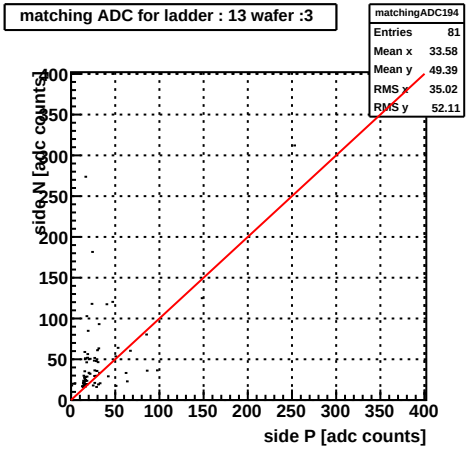

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 325
Mean x 100
Mean y 79.77
RMS x 71.69
RMS y 57.04
side N [adc counts]
side P [adc counts]

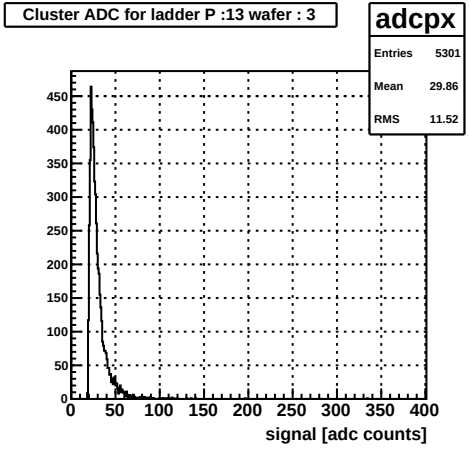

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 502
Mean 106.2
RMS 79.58
signal [adc counts]

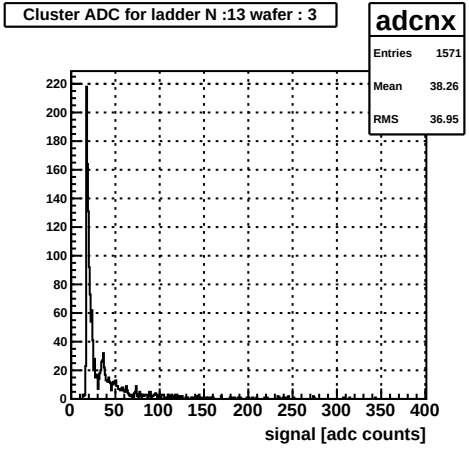

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2024
Mean 36.47
RMS 36.6
signal [adc counts]

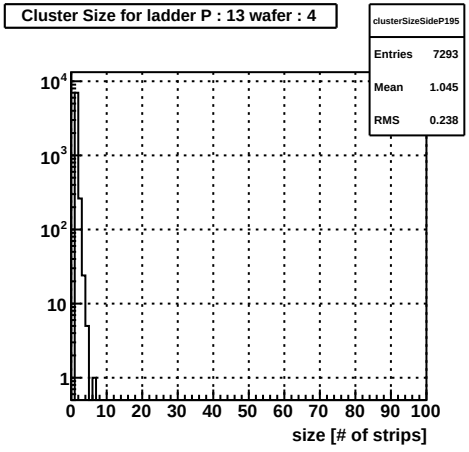

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5301
Mean 1.062
RMS 0.2556
size [# of strips]

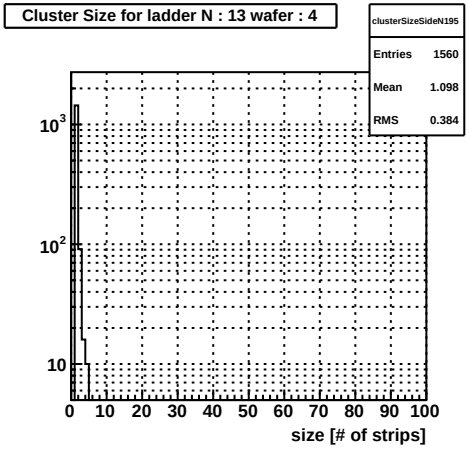

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1571
Mean 1.371
RMS 0.8401
size [# of strips]

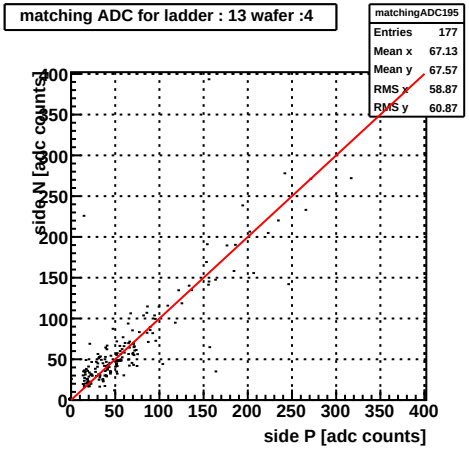

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 81
Mean x 33.58
Mean y 49.39
RMS x 35.02
RMS y 52.11
side N [adc counts]
side P [adc counts]

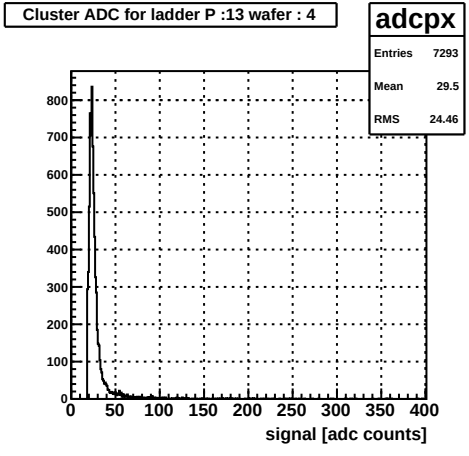

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5301
Mean 29.86
RMS 11.52
signal [adc counts]

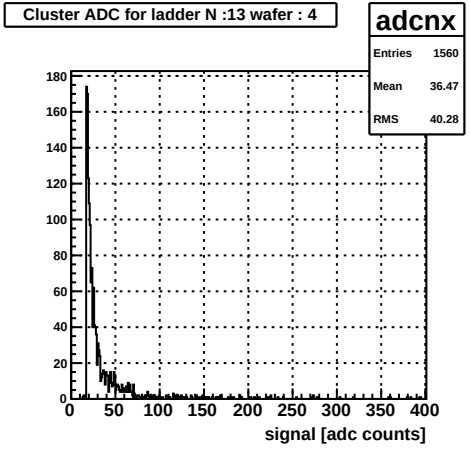

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1571
Mean 38.26
RMS 36.95
signal [adc counts]

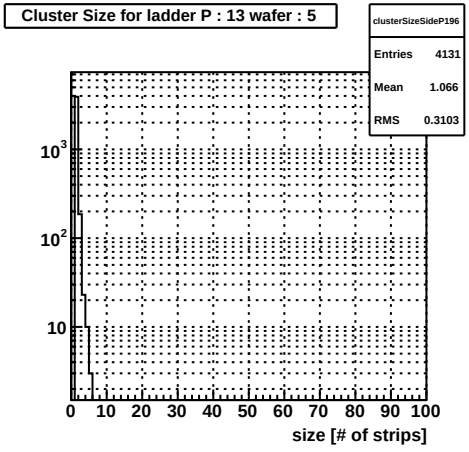

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7293
Mean 1.045
RMS 0.238
size [# of strips]

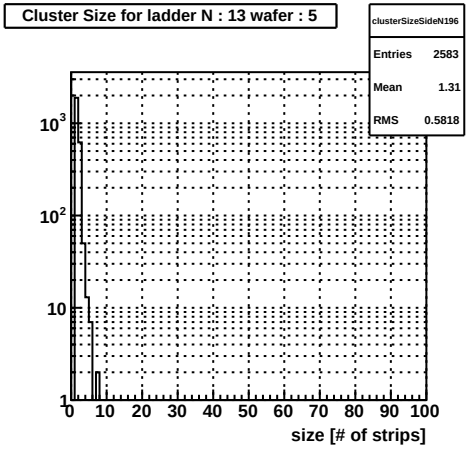

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1560
Mean 1.098
RMS 0.384
size [# of strips]

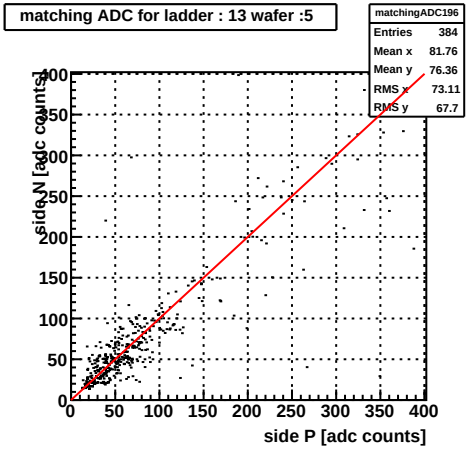

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 177
Mean x 67.13
Mean y 67.57
RMS x 58.87
RMS y 60.87
side N [adc counts]
side P [adc counts]

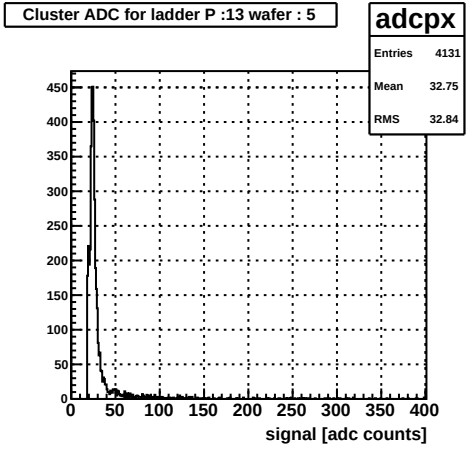

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7293
Mean 29.5
RMS 24.46
signal [adc counts]

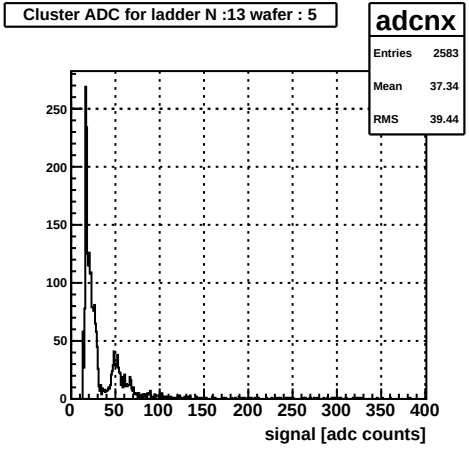

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1560
Mean 36.47
RMS 40.28
signal [adc counts]

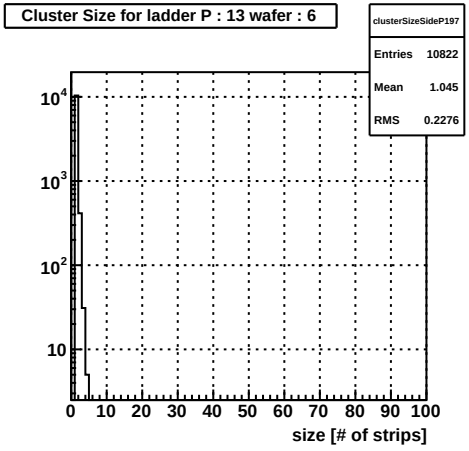

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4131
Mean 1.066
RMS 0.3103
size [# of strips]

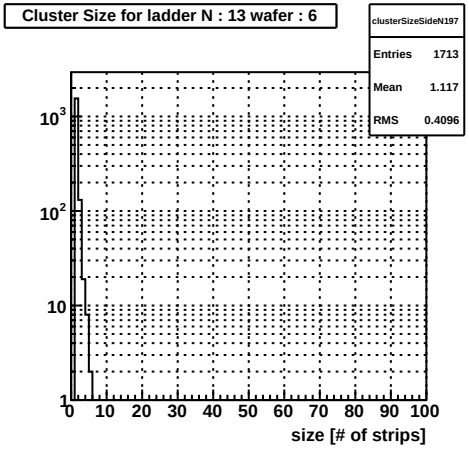

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2583
Mean 1.31
RMS 0.5818
size [# of strips]

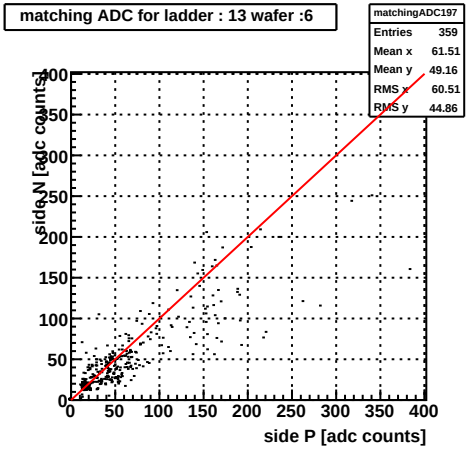

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 384
Mean x 81.76
Mean y 76.36
RMS x 73.11
RMS y 67.7
side N [adc counts]
side P [adc counts]

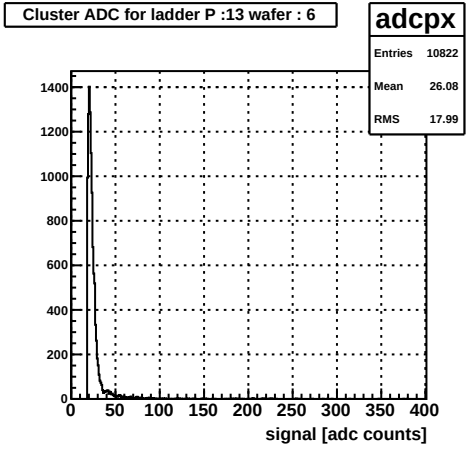

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4131
Mean 32.75
RMS 32.84
signal [adc counts]

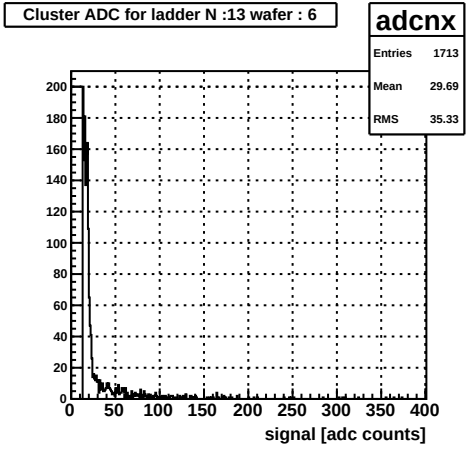

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2583
Mean 37.34
RMS 39.44
signal [adc counts]

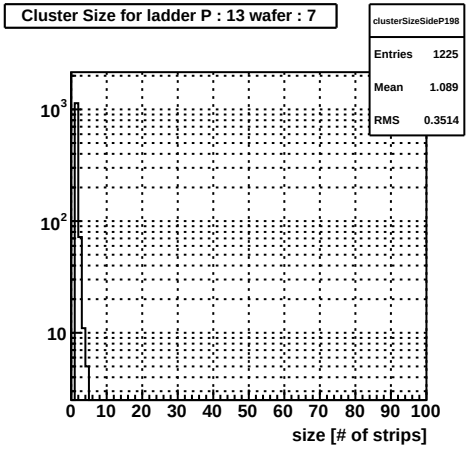

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10822
Mean 1.045
RMS 0.2276
size [# of strips]

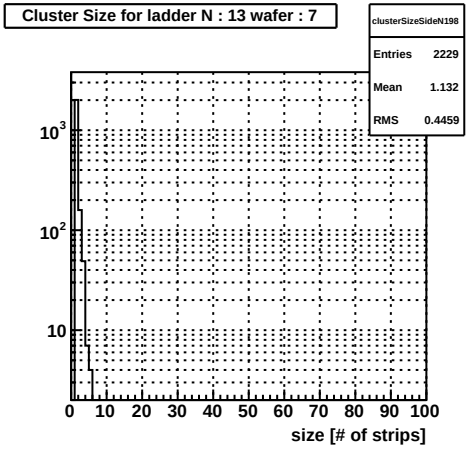

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1713
Mean 1.117
RMS 0.4096
size [# of strips]

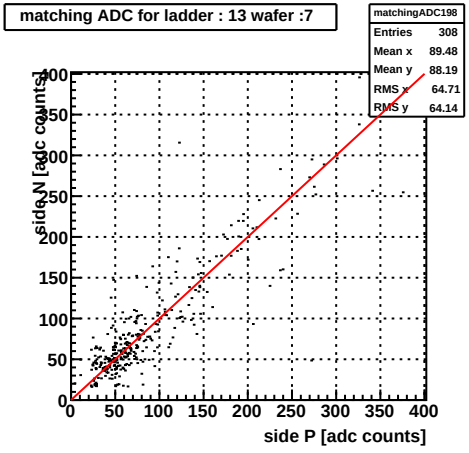

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 359
Mean x 61.51
Mean y 49.16
RMS x 60.51
RMS y 44.86
side N [adc counts]
side P [adc counts]

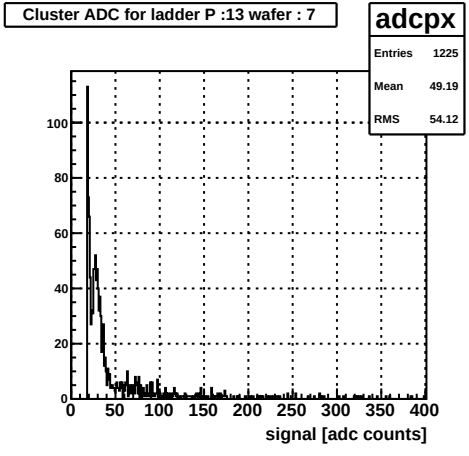

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10822
Mean 26.08
RMS 17.99
signal [adc counts]

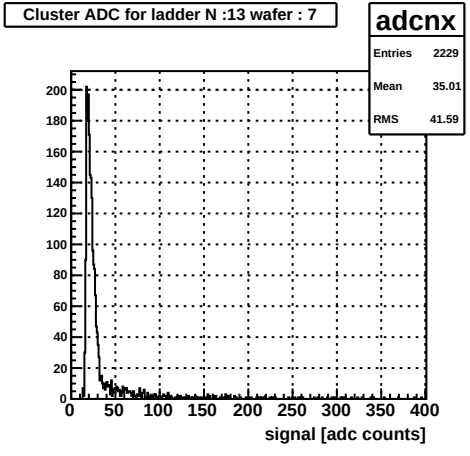

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1713
Mean 29.69
RMS 35.33
signal [adc counts]

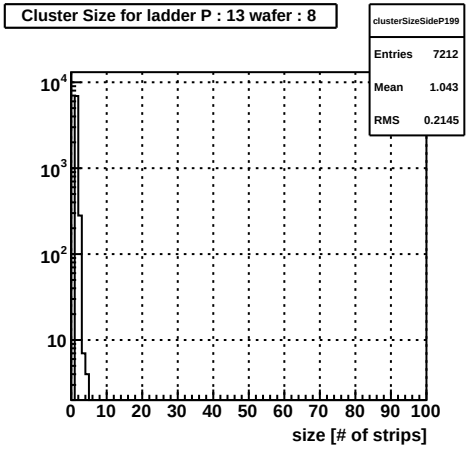

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1225
Mean 1.089
RMS 0.3514
size [# of strips]

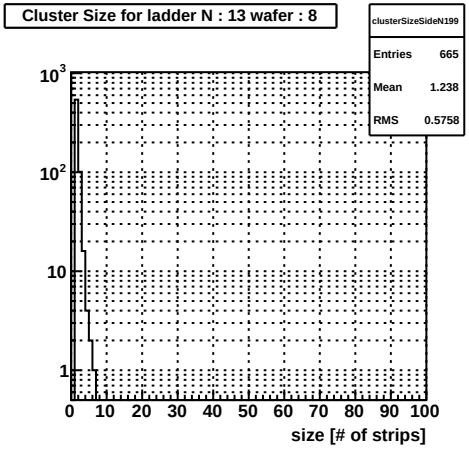

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2229
Mean 1.132
RMS 0.4459
size [# of strips]

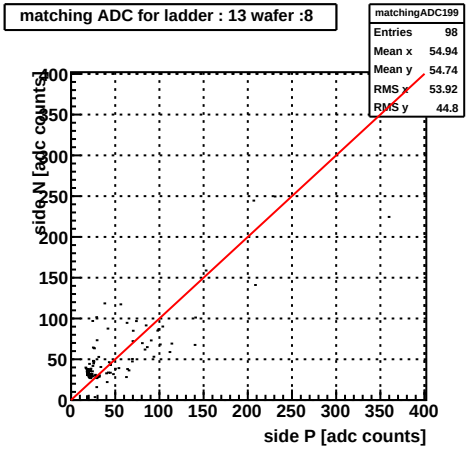

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 308
Mean x 89.48
Mean y 88.19
RMS x 64.71
RMS y 64.14
side N [adc counts]
side P [adc counts]

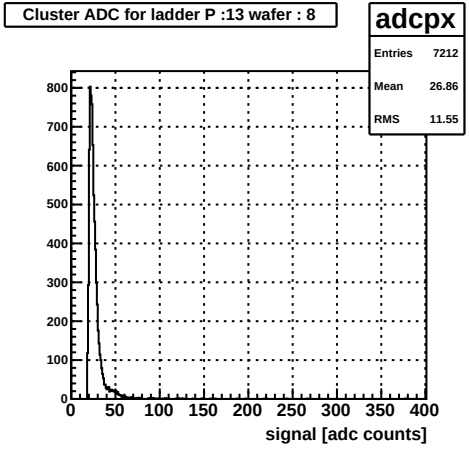

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1225
Mean 49.19
RMS 54.12
signal [adc counts]

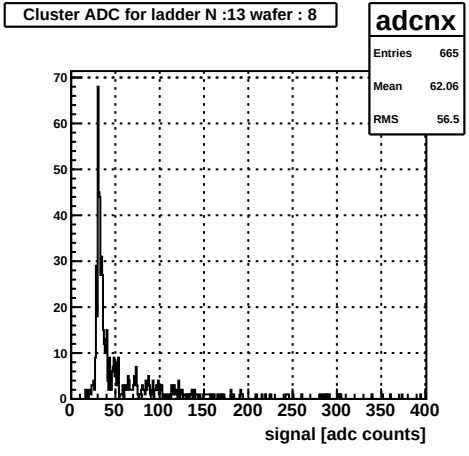

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2229
Mean 35.01
RMS 41.59
signal [adc counts]

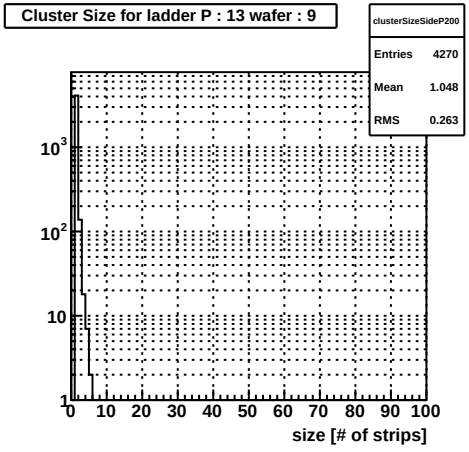

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 7212
Mean 1.043
RMS 0.2145
size [# of strips]

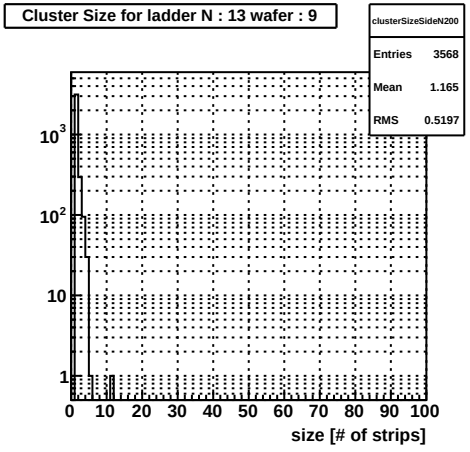

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 665
Mean 1.238
RMS 0.5758
size [# of strips]

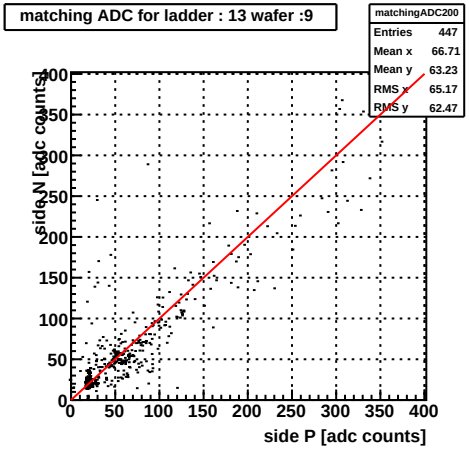

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 98
Mean x 54.94
Mean y 54.74
RMS x 53.92
RMS y 44.8
side N [adc counts]
side P [adc counts]

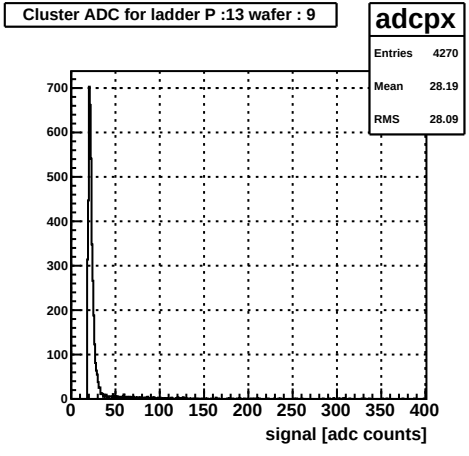

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 7212
Mean 26.86
RMS 11.55
signal [adc counts]

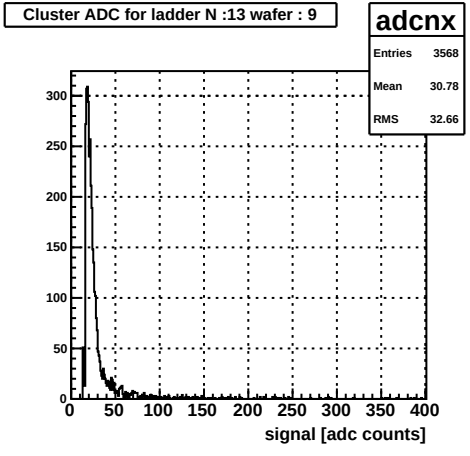

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 665
Mean 62.06
RMS 56.5
signal [adc counts]

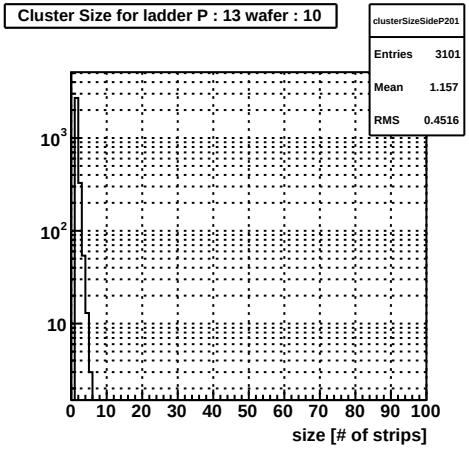

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4270
Mean 1.048
RMS 0.263
size [# of strips]

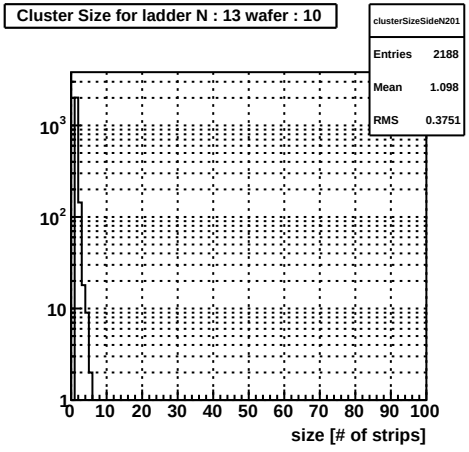

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3568
Mean 1.165
RMS 0.5197
size [# of strips]

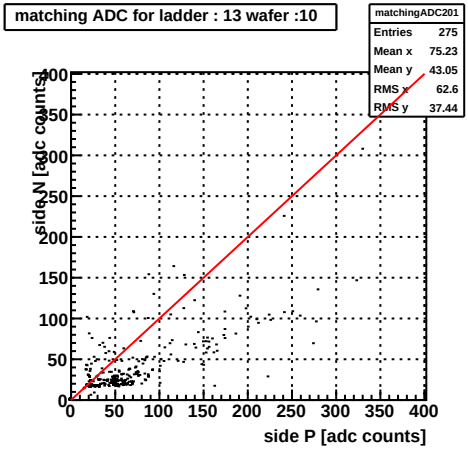

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 447
Mean x 66.71
Mean y 63.23
RMS x 65.17
RMS y 62.47
side N [adc counts]
side P [adc counts]

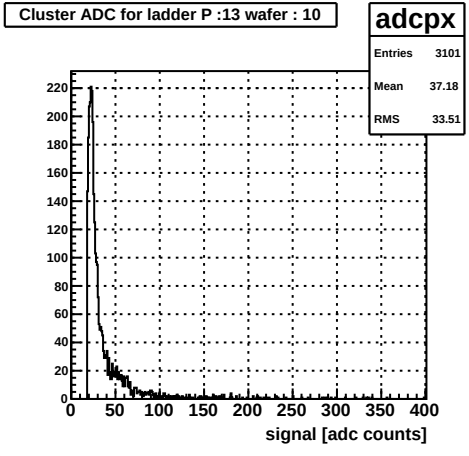

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4270
Mean 28.19
RMS 28.09
signal [adc counts]

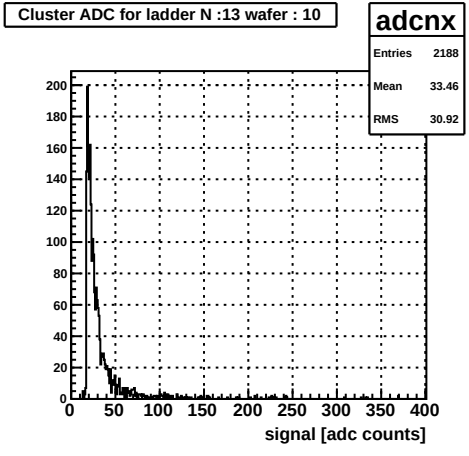

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3568
Mean 30.78
RMS 32.66
signal [adc counts]

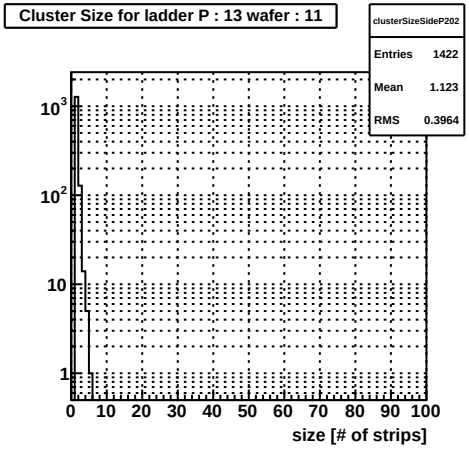

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3101
Mean 1.157
RMS 0.4516
size [# of strips]

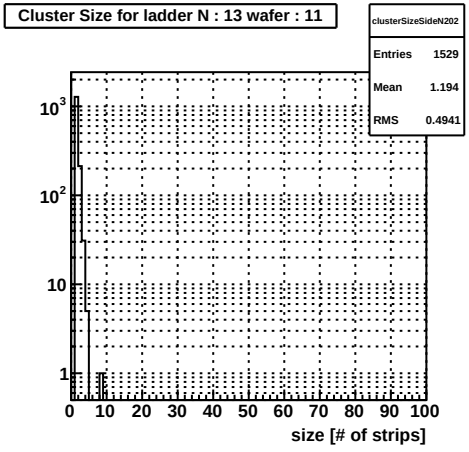

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2188
Mean 1.098
RMS 0.3751
size [# of strips]

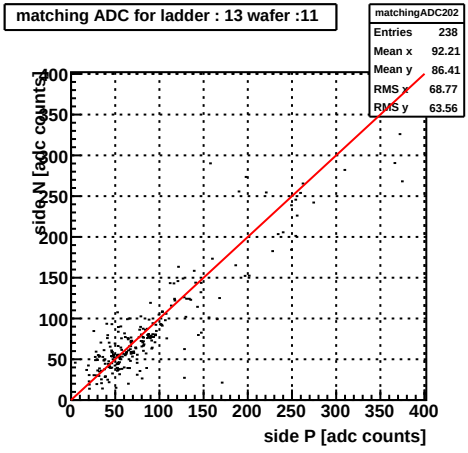

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 275
Mean x 75.23
Mean y 43.05
RMS x 62.6
RMS y 37.44
side N [adc counts]
side P [adc counts]

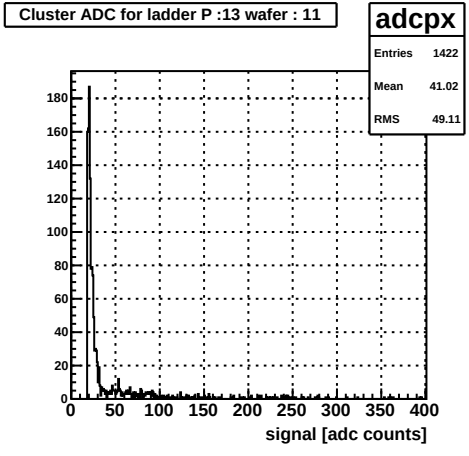

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3101
Mean 37.18
RMS 33.51
signal [adc counts]

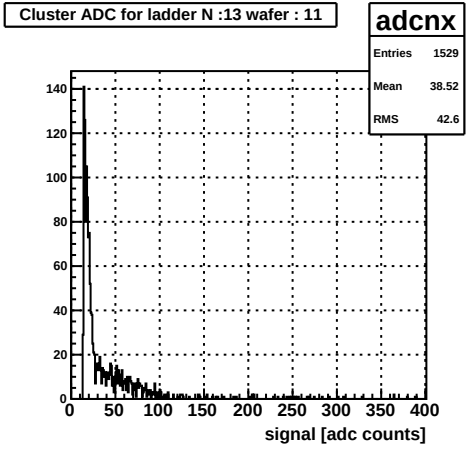

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2188
Mean 33.46
RMS 30.92
signal [adc counts]

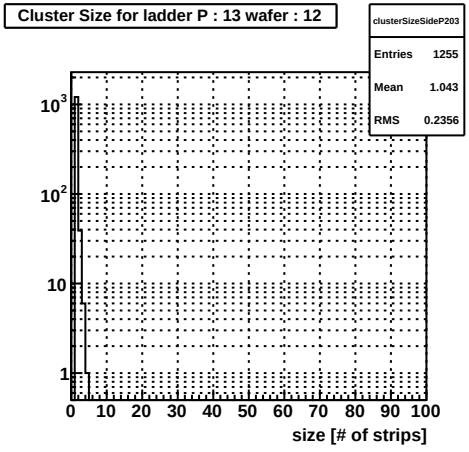

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1422
Mean 1.123
RMS 0.3964
size [# of strips]

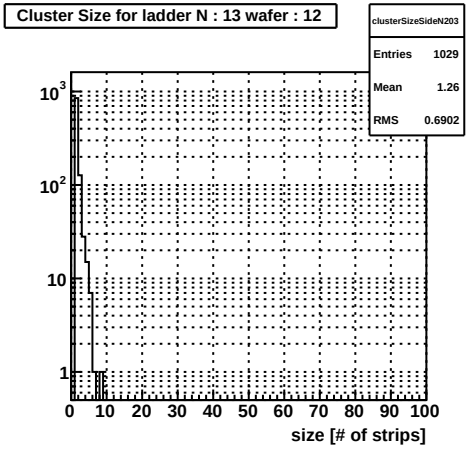

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1529
Mean 1.194
RMS 0.4941
size [# of strips]

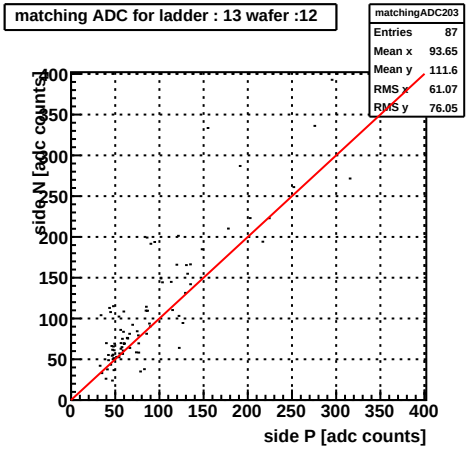

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 238
Mean x 92.21
Mean y 86.41
RMS x 68.77
RMS y 63.56
side N [adc counts]
side P [adc counts]

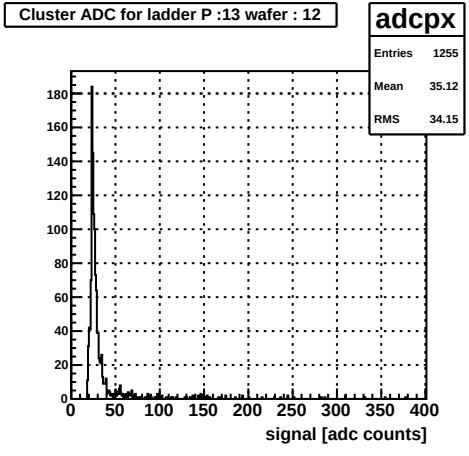

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1422
Mean 41.02
RMS 49.11
signal [adc counts]

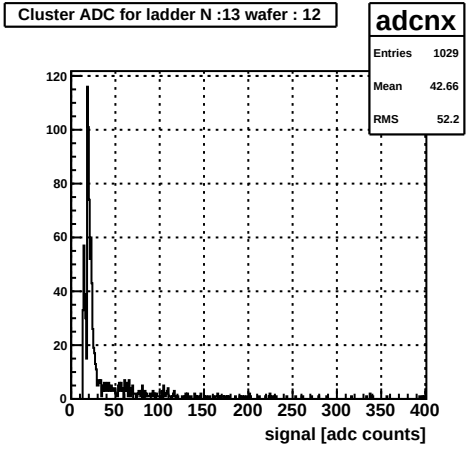

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1529
Mean 38.52
RMS 42.6
signal [adc counts]

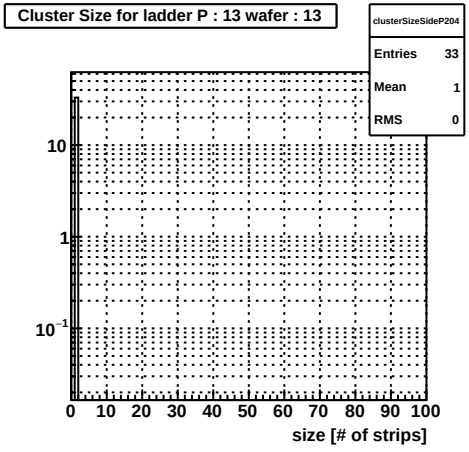

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1255
Mean 1.043
RMS 0.2356
size [# of strips]

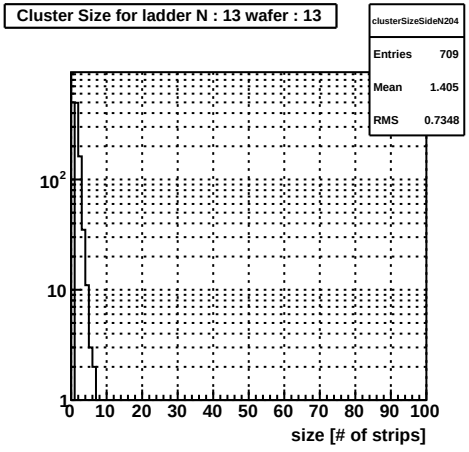

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1029
Mean 1.26
RMS 0.6902
size [# of strips]

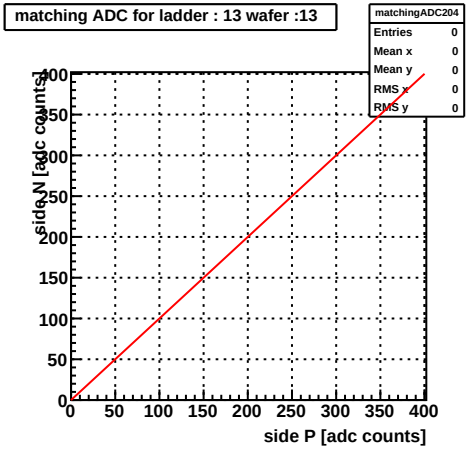

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 87
Mean x 93.65
Mean y 111.6
RMS x 61.07
RMS y 76.05
side N [adc counts]
side P [adc counts]

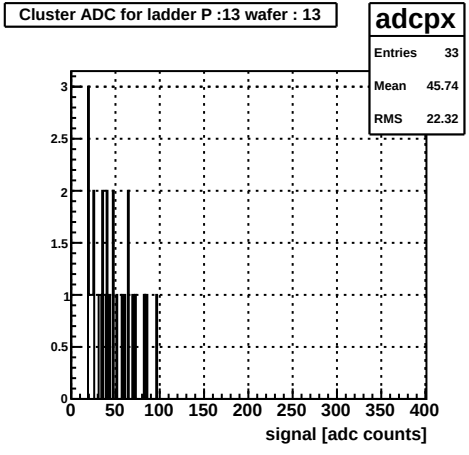

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1255
Mean 35.12
RMS 34.15
signal [adc counts]

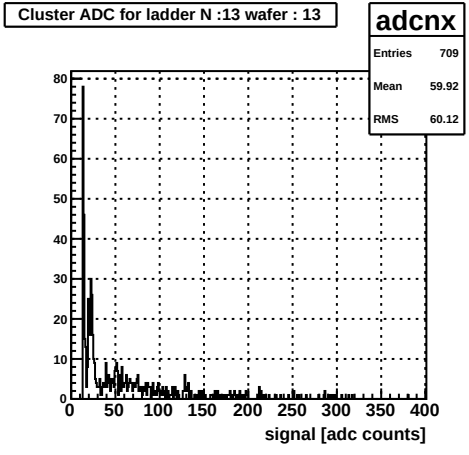

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1029
Mean 42.66
RMS 52.2
signal [adc counts]

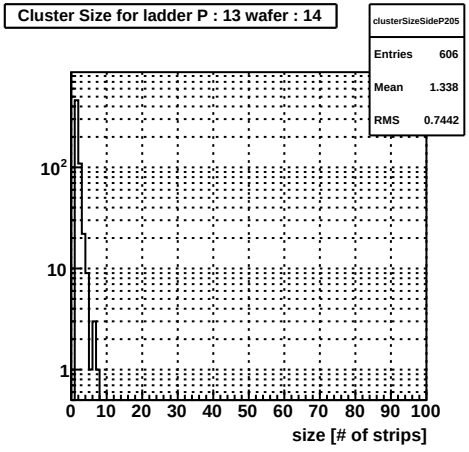

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 33
Mean 1
RMS 0
size [# of strips]

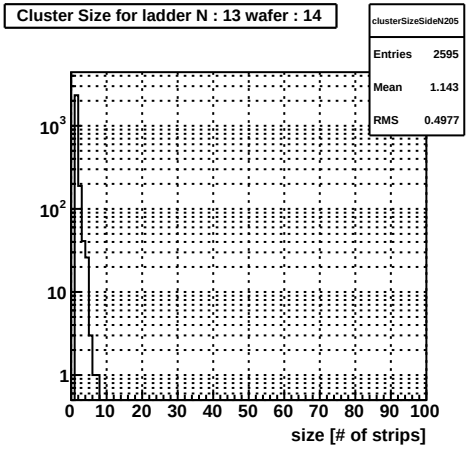

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 709
Mean 1.405
RMS 0.7348
size [# of strips]

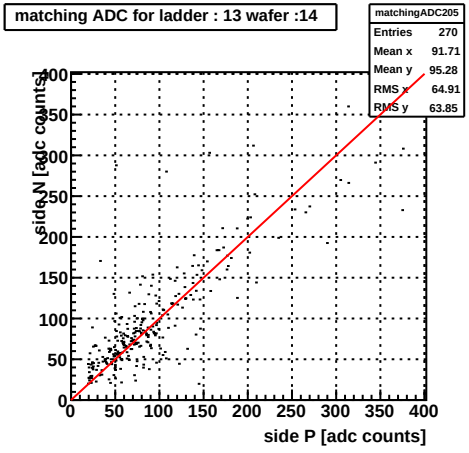

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

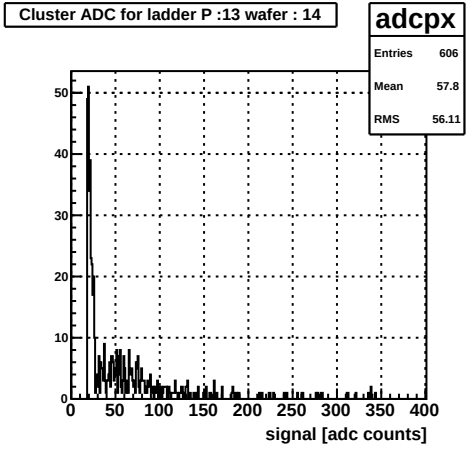

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 33
Mean 45.74
RMS 22.32
signal [adc counts]

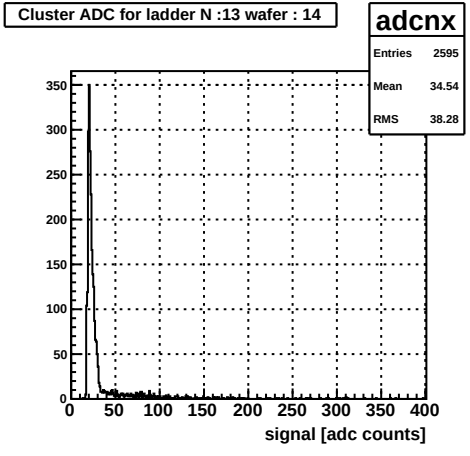

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 709
Mean 59.92
RMS 60.12
signal [adc counts]

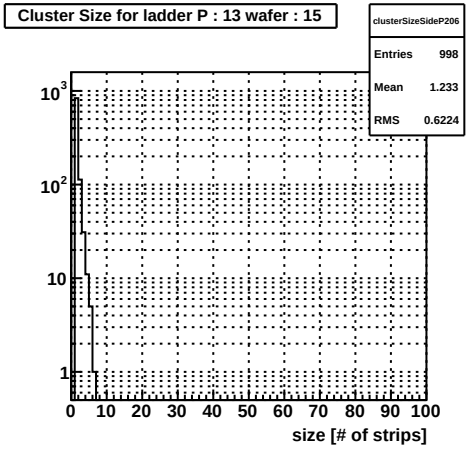

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 606
Mean 1.338
RMS 0.7442
size [# of strips]

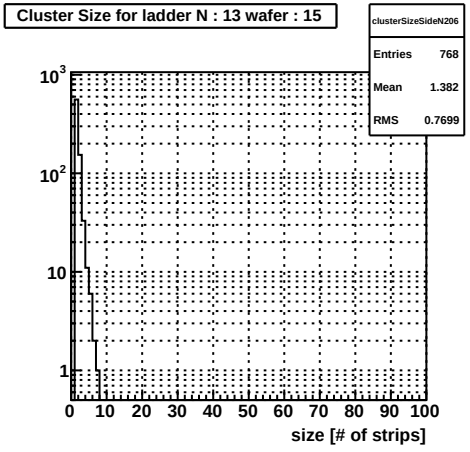

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2595
Mean 1.143
RMS 0.4977
size [# of strips]

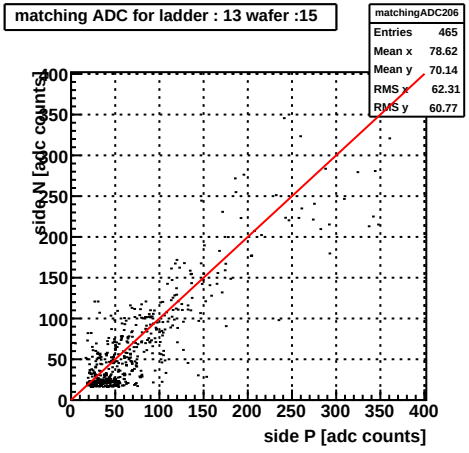

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 270
Mean x 91.71
Mean y 95.28
RMS x 64.91
RMS y 63.85
side N [adc counts]
side P [adc counts]

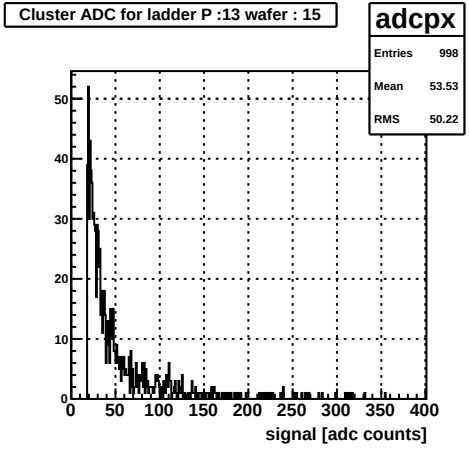

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 606
Mean 57.8
RMS 56.11
signal [adc counts]

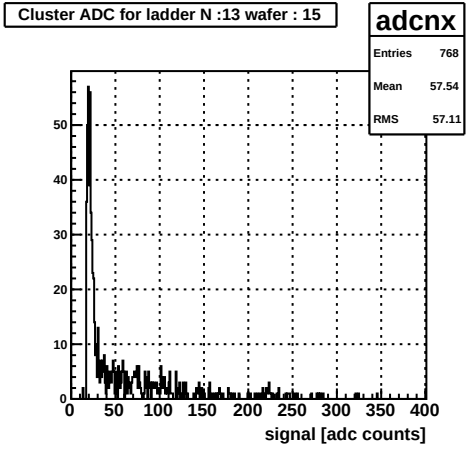

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2595
Mean 34.54
RMS 38.28
signal [adc counts]

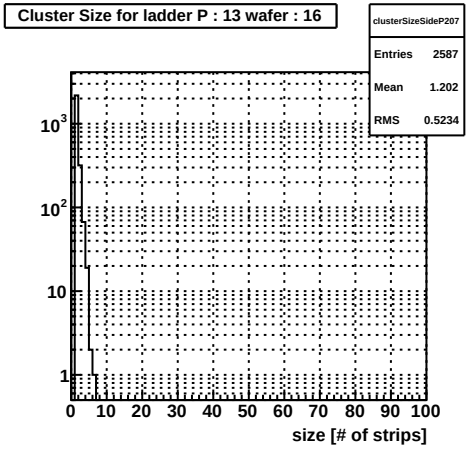

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 998
Mean 1.233
RMS 0.6224
size [# of strips]

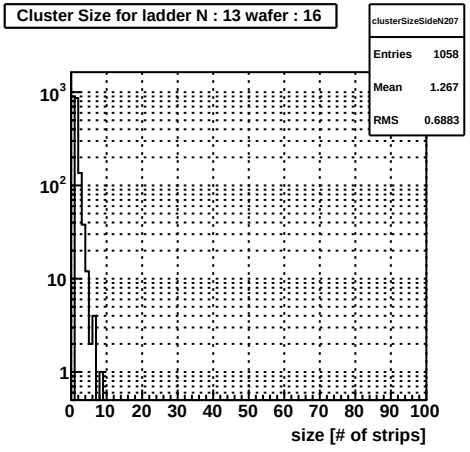

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 768
Mean 1.382
RMS 0.7699
size [# of strips]

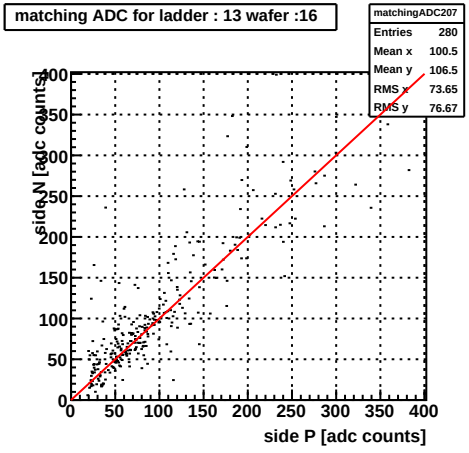

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 465
Mean x 78.62
Mean y 70.14
RMS x 62.31
RMS y 60.77
side N [adc counts]
side P [adc counts]

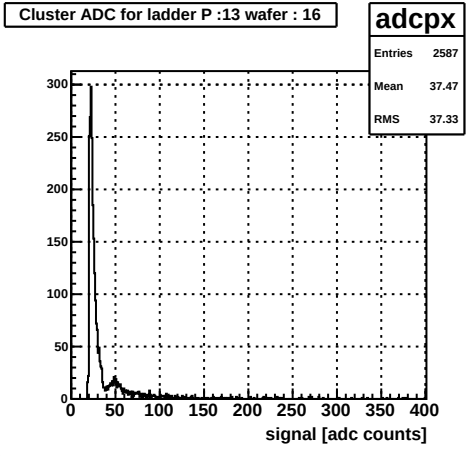

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 998
Mean 53.53
RMS 50.22
signal [adc counts]

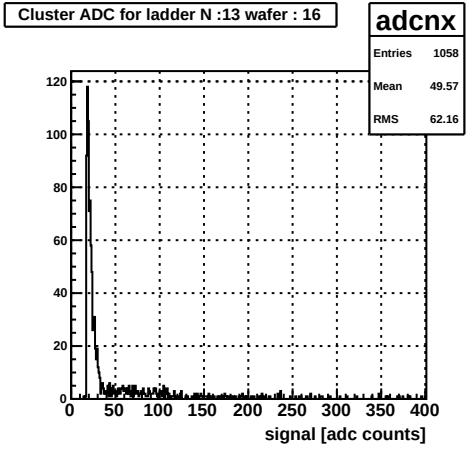

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 768
Mean 57.54
RMS 57.11
signal [adc counts]

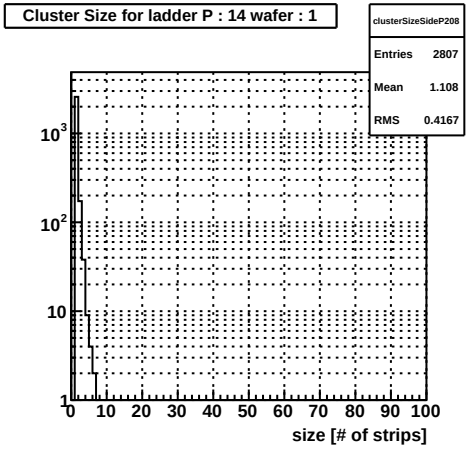

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2587
Mean 1.202
RMS 0.5234
size [# of strips]

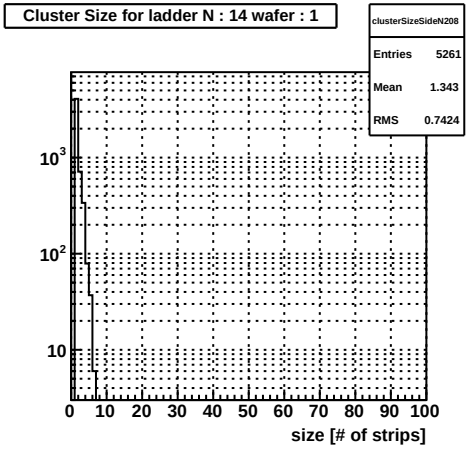

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1058
Mean 1.267
RMS 0.6883
size [# of strips]

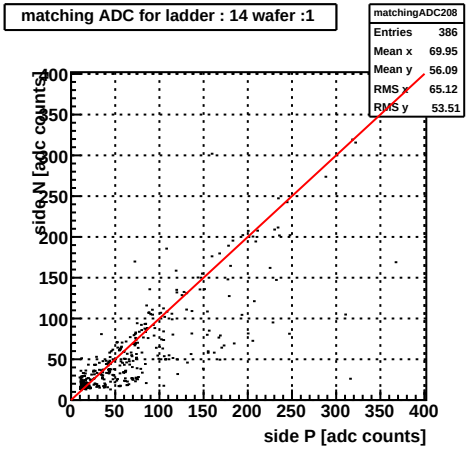

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 280
Mean x 100.5
Mean y 106.5
RMS x 73.65
RMS y 76.67
side N [adc counts]
side P [adc counts]

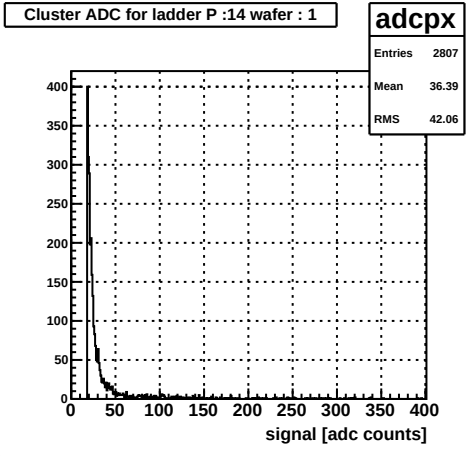

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2587
Mean 37.47
RMS 37.33
signal [adc counts]

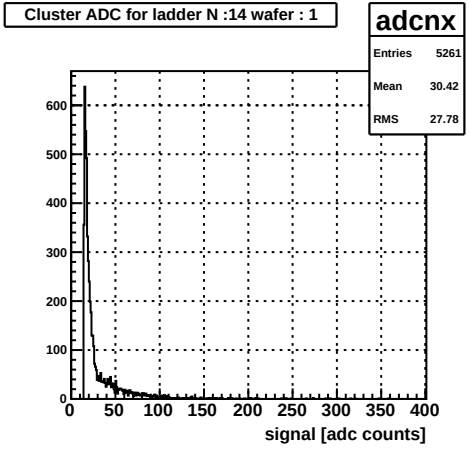

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1058
Mean 49.57
RMS 62.16
signal [adc counts]

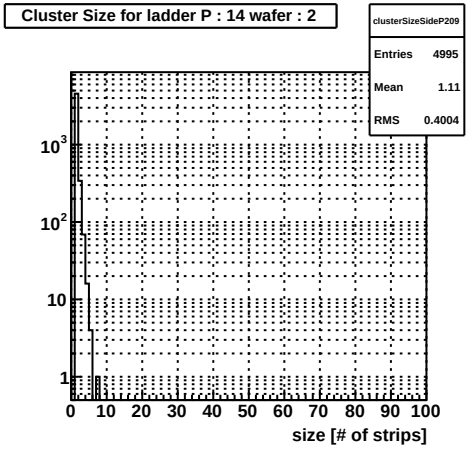

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2807
Mean 1.108
RMS 0.4167
size [# of strips]

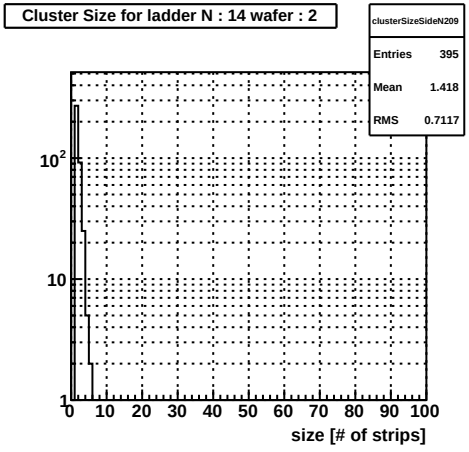

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5261
Mean 1.343
RMS 0.7424
size [# of strips]

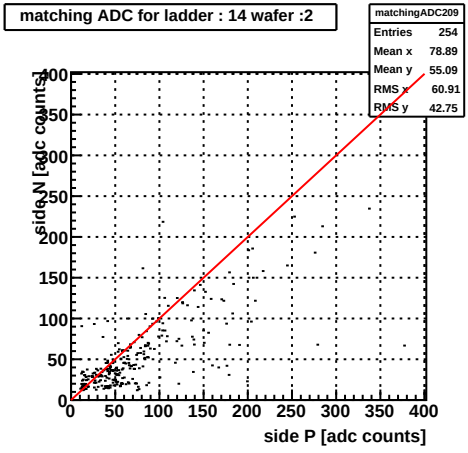

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 386
Mean x 69.95
Mean y 56.09
RMS x 65.12
RMS y 53.51
side N [adc counts]
side P [adc counts]

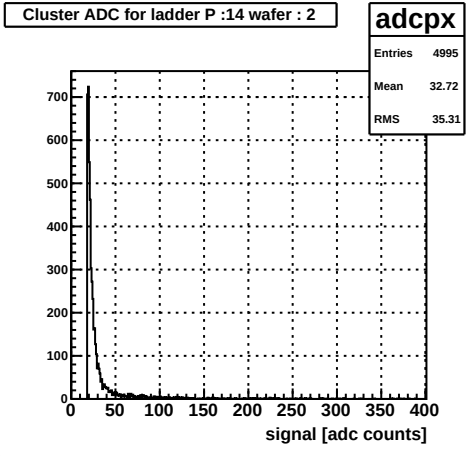

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2807
Mean 36.39
RMS 42.06
signal [adc counts]

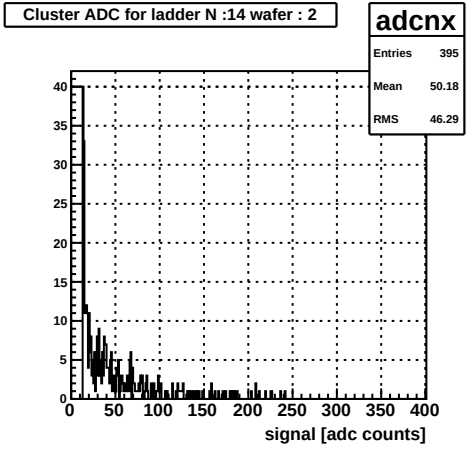

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5261
Mean 30.42
RMS 27.78
signal [adc counts]

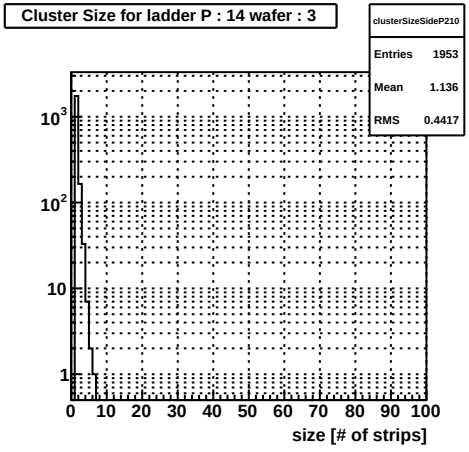

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4995
Mean 1.11
RMS 0.4004
size [# of strips]

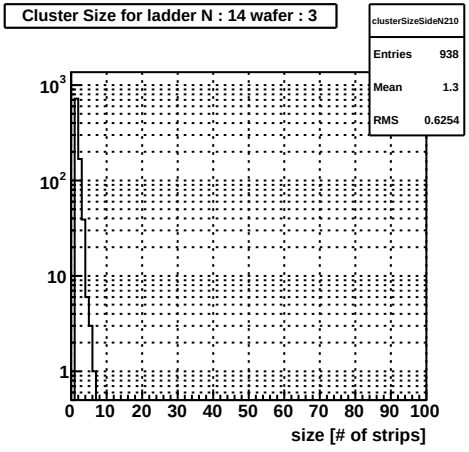

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 395
Mean 1.418
RMS 0.7117
size [# of strips]

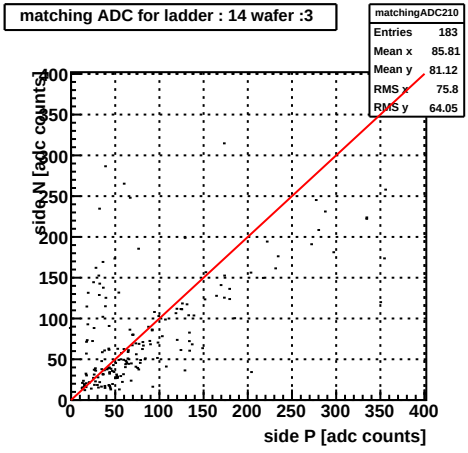

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 254
Mean x 78.89
Mean y 55.09
RMS x 60.91
RMS y 42.75
side N [adc counts]
side P [adc counts]

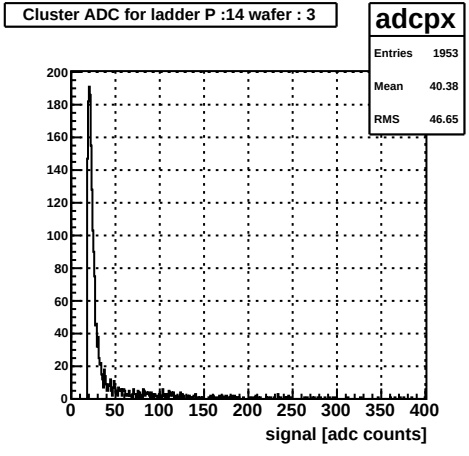

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4995
Mean 32.72
RMS 35.31
signal [adc counts]

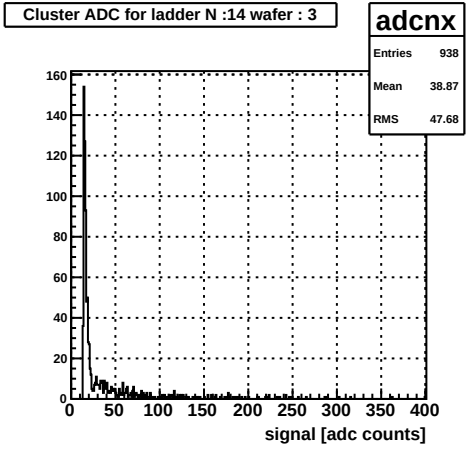

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 395
Mean 50.18
RMS 46.29
signal [adc counts]

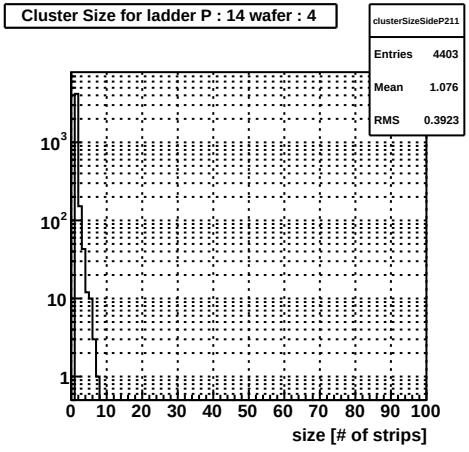

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1953
Mean 1.136
RMS 0.4417
size [# of strips]

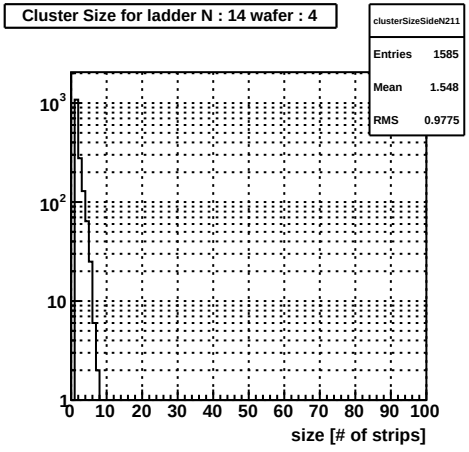

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 938
Mean 1.3
RMS 0.6254
size [# of strips]

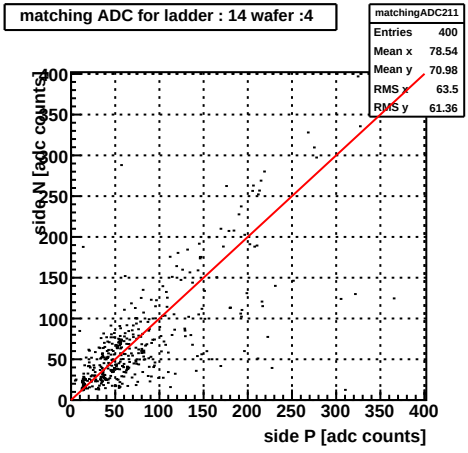

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 183
Mean x 85.81
Mean y 81.12
RMS x 75.8
RMS y 64.05
side N [adc counts]
side P [adc counts]

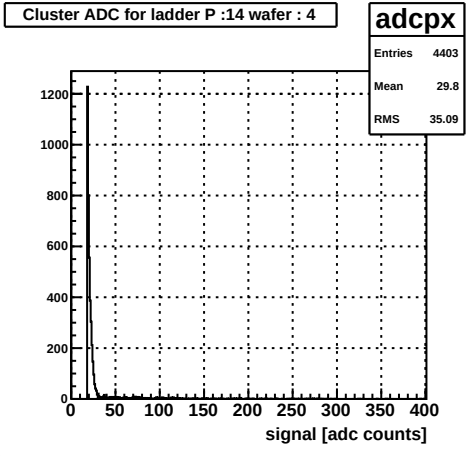

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1953
Mean 40.38
RMS 46.65
signal [adc counts]

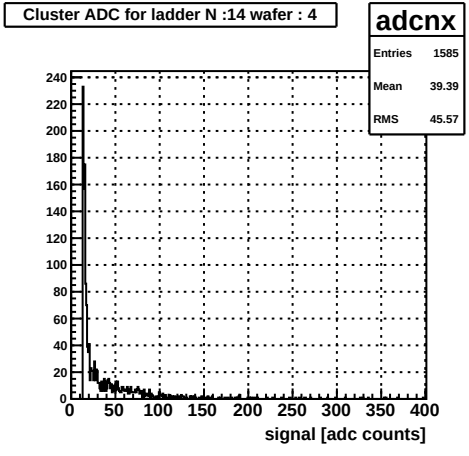

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 938
Mean 38.87
RMS 47.68
signal [adc counts]

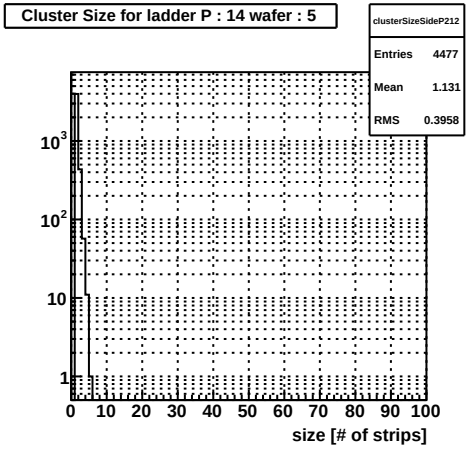

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4403
Mean 1.076
RMS 0.3923
size [# of strips]

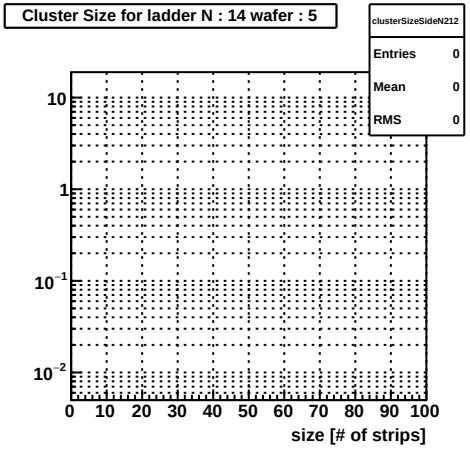

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1585
Mean 1.548
RMS 0.9775
size [# of strips]

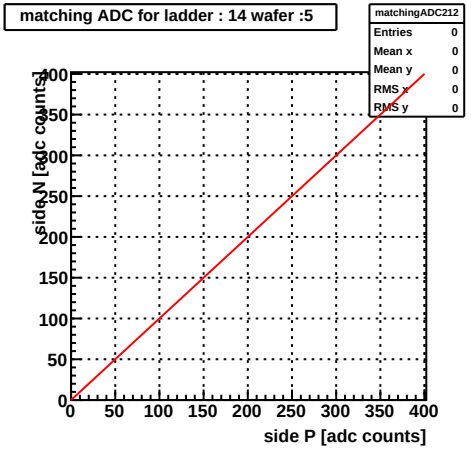

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 400
Mean x 78.54
Mean y 70.98
RMS x 63.5
RMS y 61.36
side N [adc counts]
side P [adc counts]

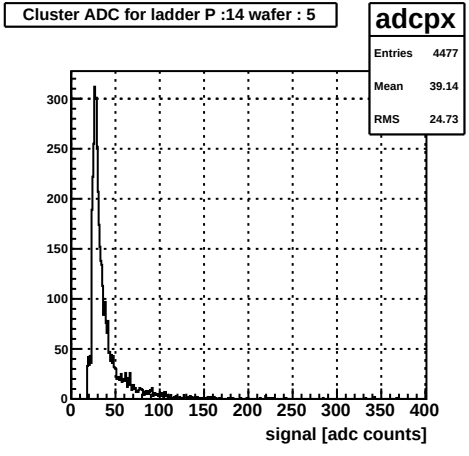

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4403
Mean 29.8
RMS 35.09
signal [adc counts]

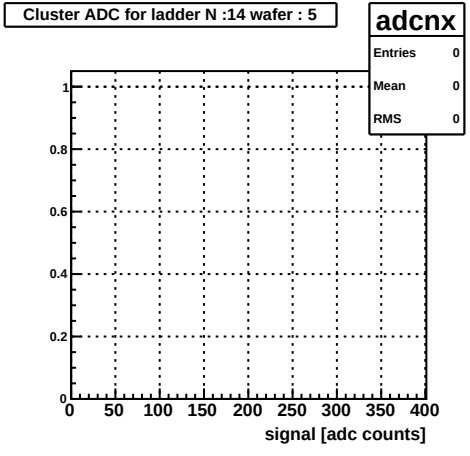

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1585
Mean 39.39
RMS 45.57
signal [adc counts]

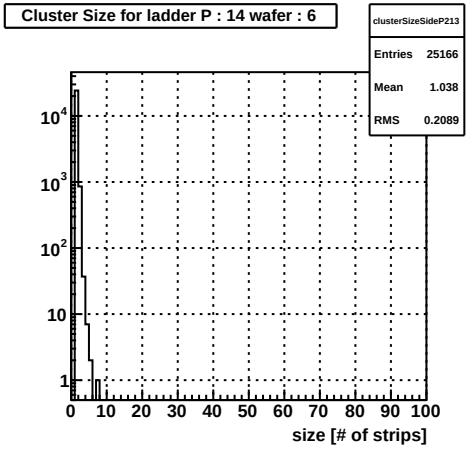

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4477
Mean 1.131
RMS 0.3958
size [# of strips]

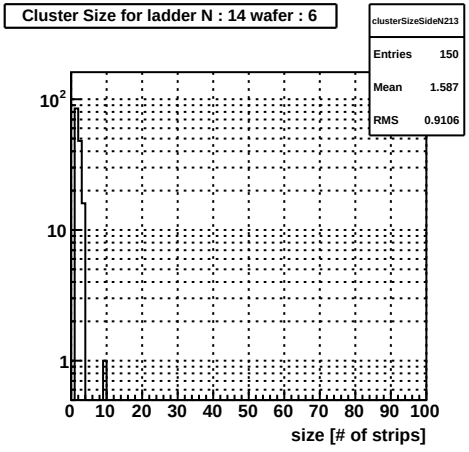

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

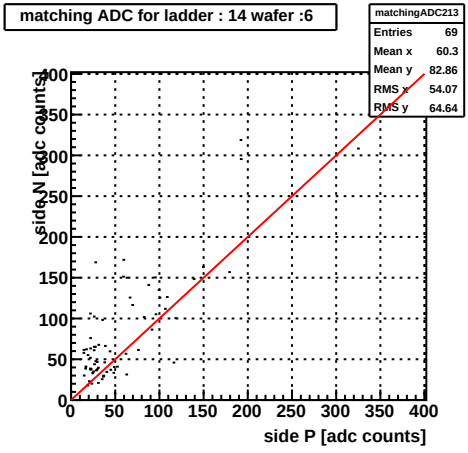

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

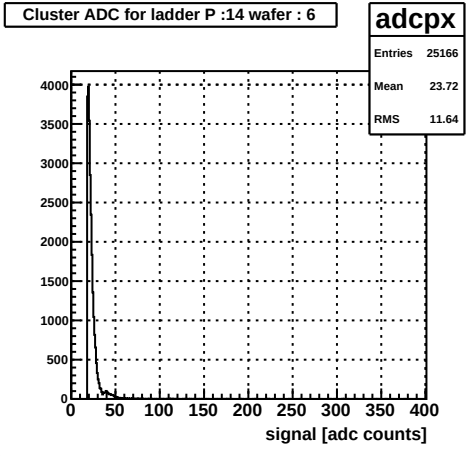

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4477
Mean 39.14
RMS 24.73
signal [adc counts]

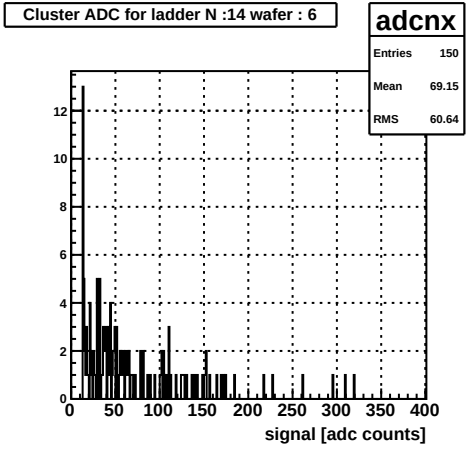

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

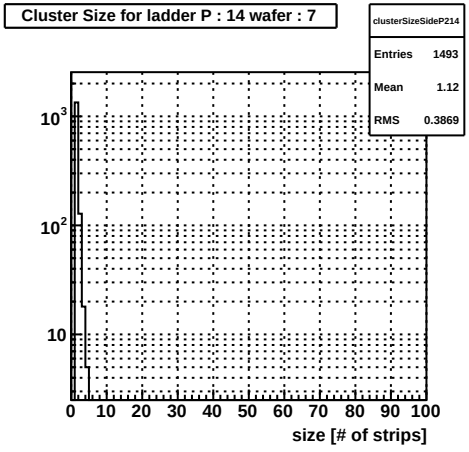

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 25166
Mean 1.038
RMS 0.2089
size [# of strips]

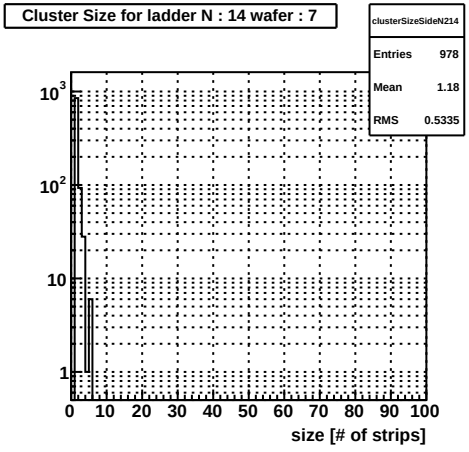

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 150
Mean 1.587
RMS 0.9106
size [# of strips]

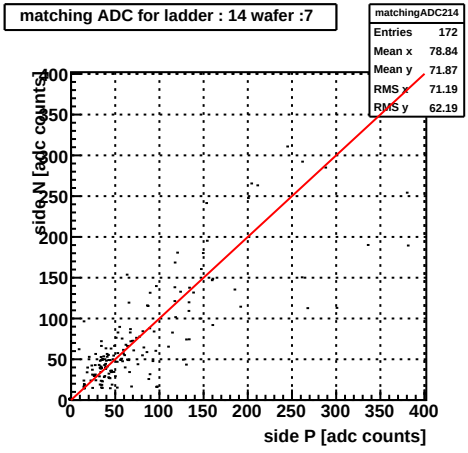

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 69
Mean x 60.3
Mean y 82.86
RMS x 54.07
RMS y 64.64
side N [adc counts]
side P [adc counts]

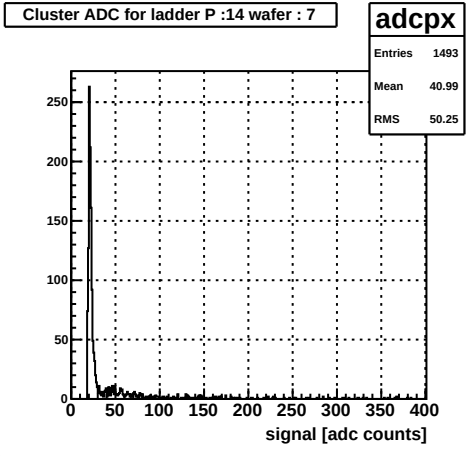

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 25166
Mean 23.72
RMS 11.64
signal [adc counts]

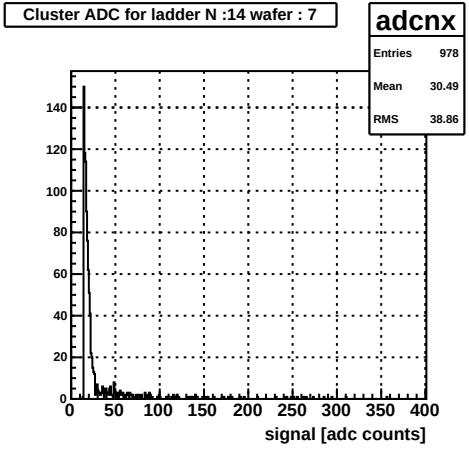

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 150
Mean 69.15
RMS 60.64
signal [adc counts]

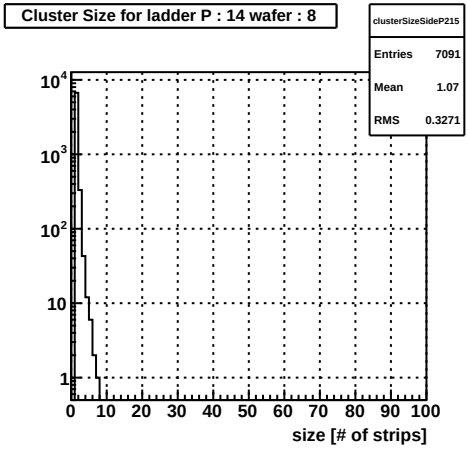

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1493
Mean 1.12
RMS 0.3869
size [# of strips]

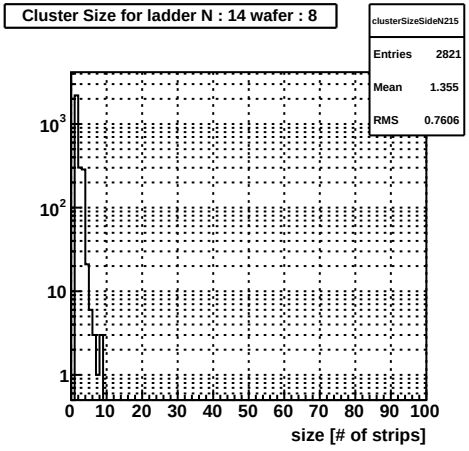

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 978
Mean 1.18
RMS 0.5335
size [# of strips]

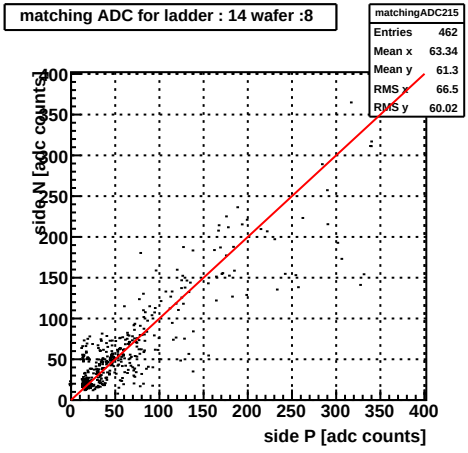

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 172
Mean x 78.84
Mean y 71.87
RMS x 71.19
RMS y 62.19
side N [adc counts]
side P [adc counts]

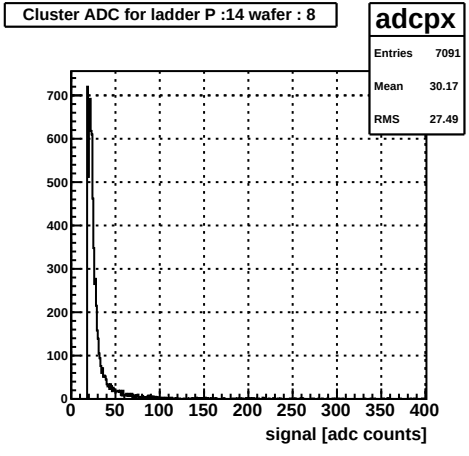

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1493
Mean 40.99
RMS 50.25
signal [adc counts]

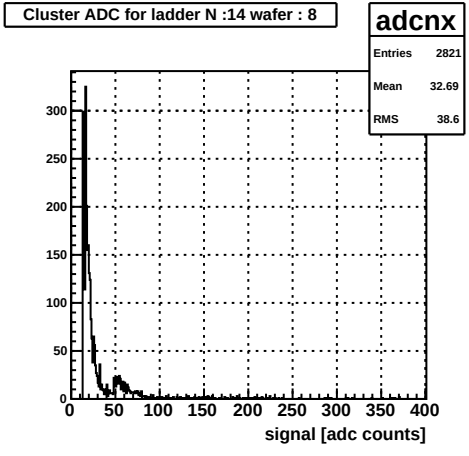

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 978
Mean 30.49
RMS 38.86
signal [adc counts]

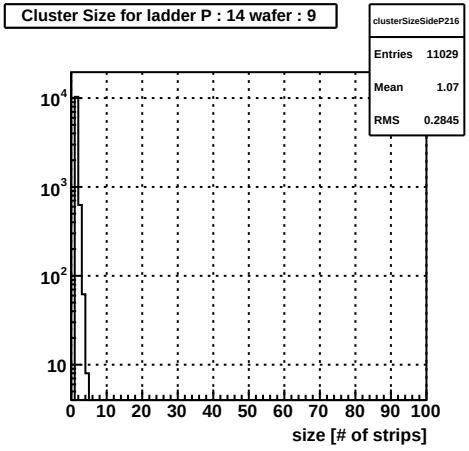

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7091
Mean 1.07
RMS 0.3271
size [# of strips]

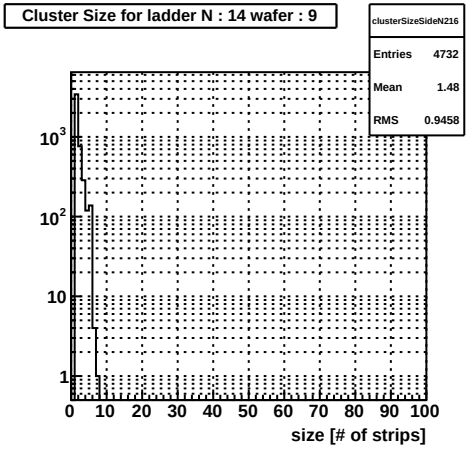

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2821
Mean 1.355
RMS 0.7606
size [# of strips]

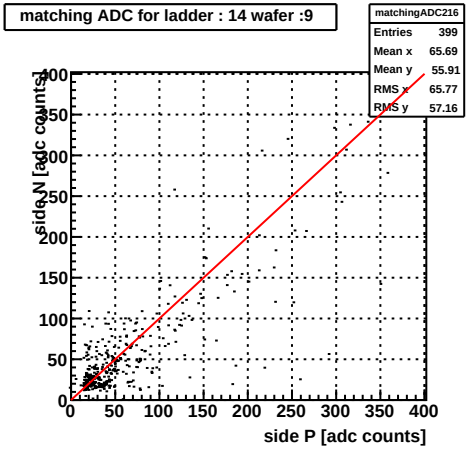

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 462
Mean x 63.34
Mean y 61.3
RMS x 66.5
RMS y 60.02
side N [adc counts]
side P [adc counts]

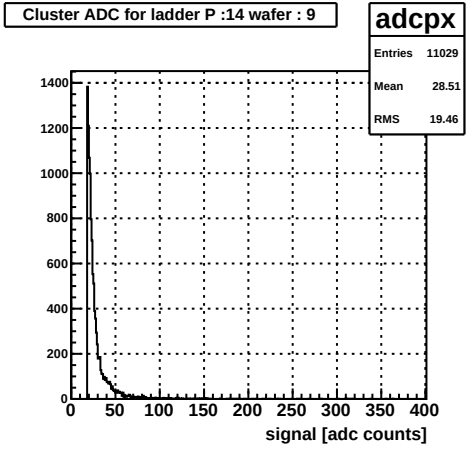

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7091
Mean 30.17
RMS 27.49
signal [adc counts]

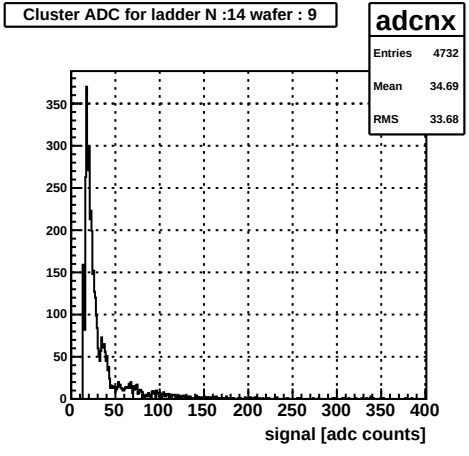

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2821
Mean 32.69
RMS 38.6
signal [adc counts]

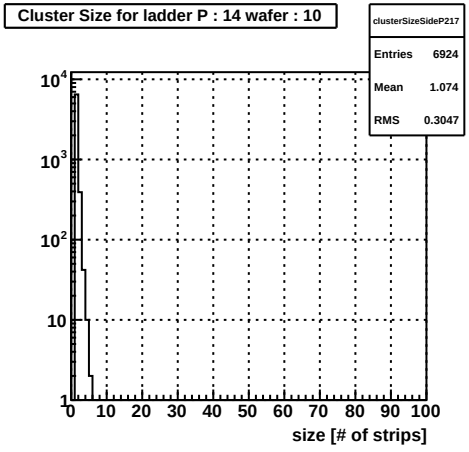

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11029
Mean 1.07
RMS 0.2845
size [# of strips]

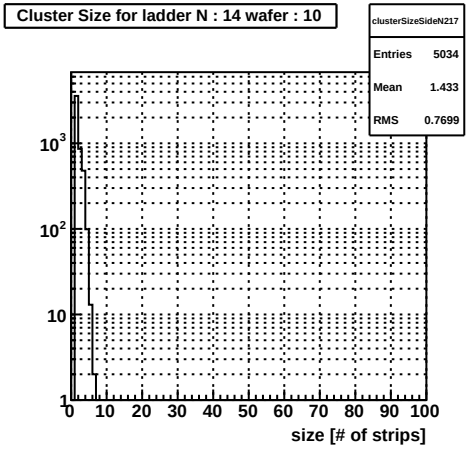

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4732
Mean 1.48
RMS 0.9458
size [# of strips]

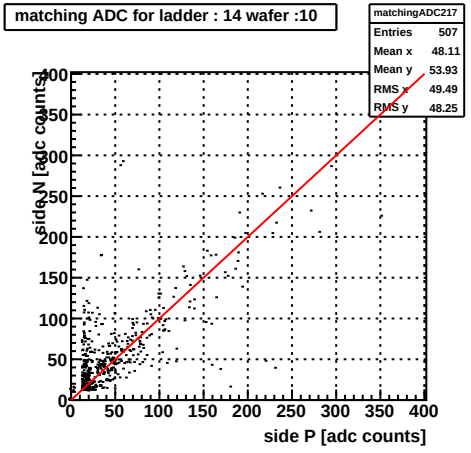

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 399
Mean x 65.69
Mean y 55.91
RMS x 65.77
RMS y 57.16
side N [adc counts]
side P [adc counts]

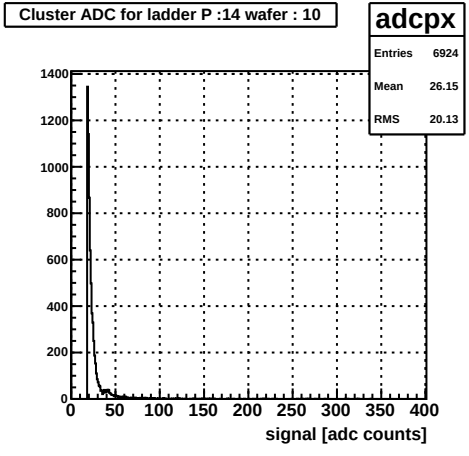

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11029
Mean 28.51
RMS 19.46
signal [adc counts]

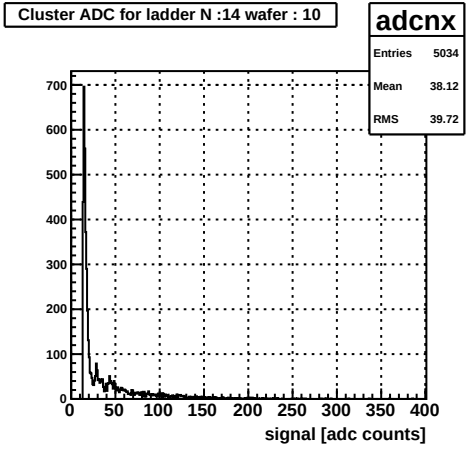

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4732
Mean 34.69
RMS 33.68
signal [adc counts]

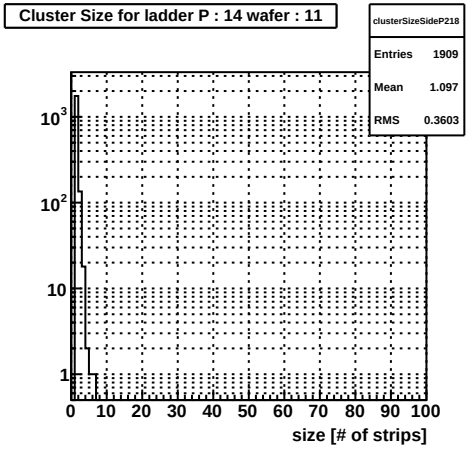

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6924
Mean 1.074
RMS 0.3047
size [# of strips]

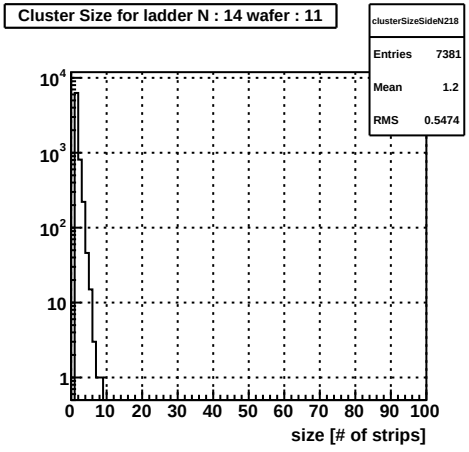

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5034
Mean 1.433
RMS 0.7699
size [# of strips]

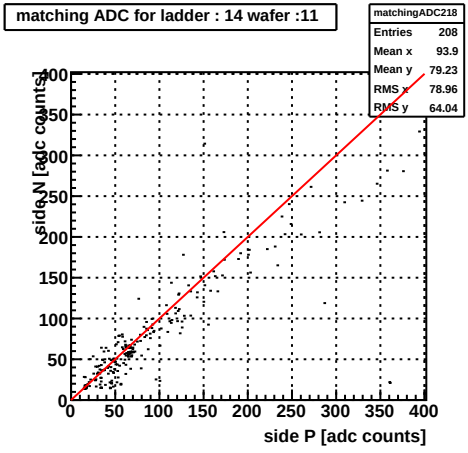

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 507
Mean x 48.11
Mean y 53.93
RMS x 49.49
RMS y 48.25
side N [adc counts]
side P [adc counts]

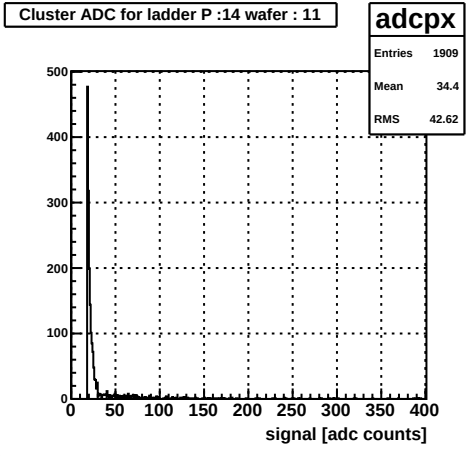

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6924
Mean 26.15
RMS 20.13
signal [adc counts]

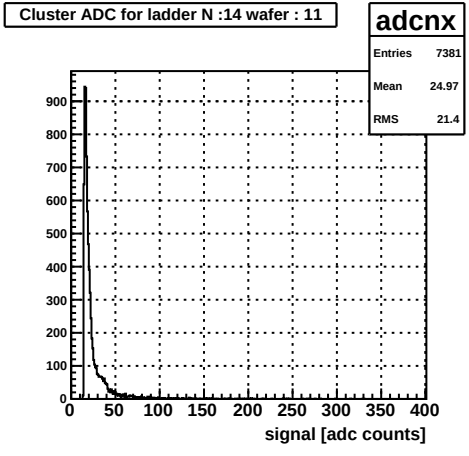

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5034
Mean 38.12
RMS 39.72
signal [adc counts]

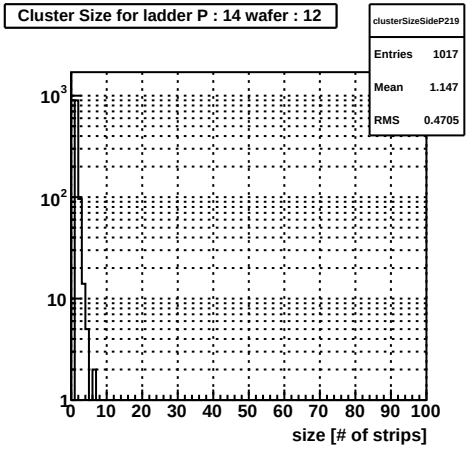

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1909
Mean 1.097
RMS 0.3603
size [# of strips]

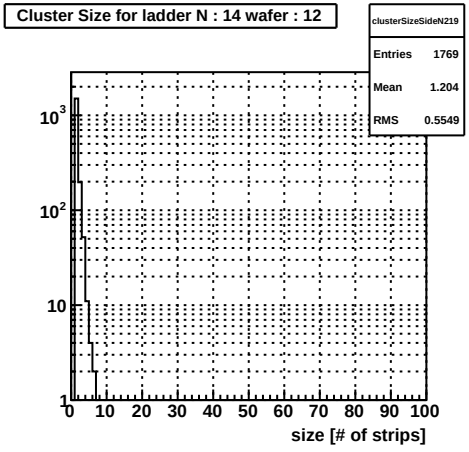

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7381
Mean 1.2
RMS 0.5474
size [# of strips]

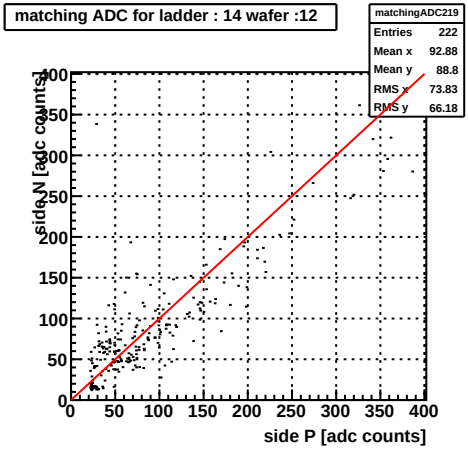

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 208
Mean x 93.9
Mean y 79.23
RMS x 78.96
RMS y 64.04
side N [adc counts]
side P [adc counts]

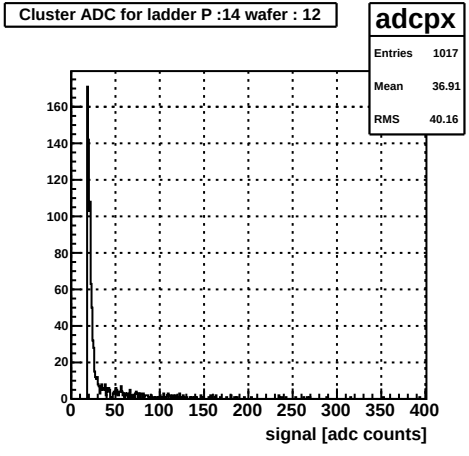

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1909
Mean 34.4
RMS 42.62
signal [adc counts]

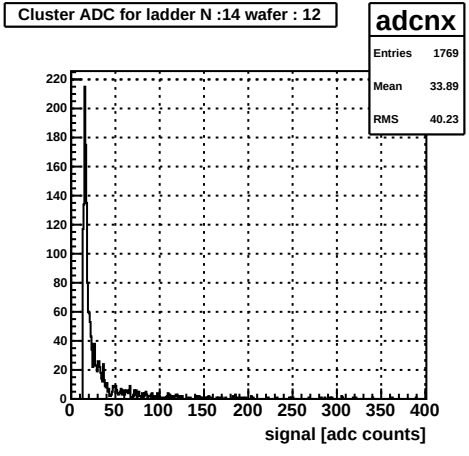

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7381
Mean 24.97
RMS 21.4
signal [adc counts]

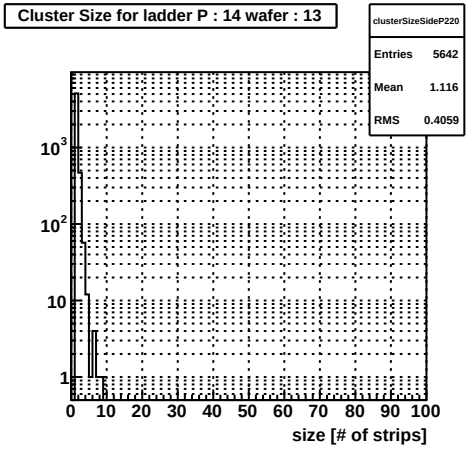

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1017
Mean 1.147
RMS 0.4705
size [# of strips]

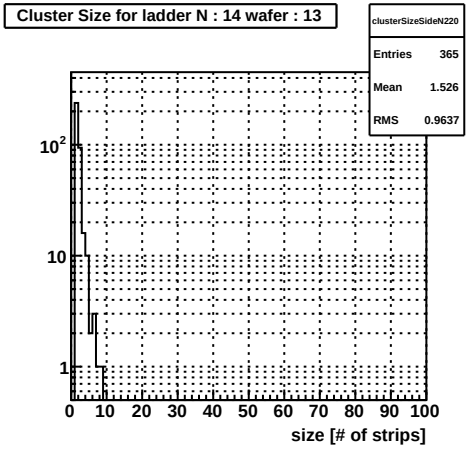

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1769
Mean 1.204
RMS 0.5549
size [# of strips]

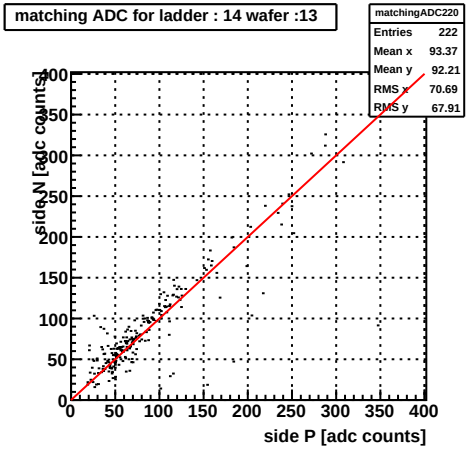

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 222
Mean x 92.88
Mean y 88.8
RMS x 73.83
RMS y 66.18
side N [adc counts]
side P [adc counts]

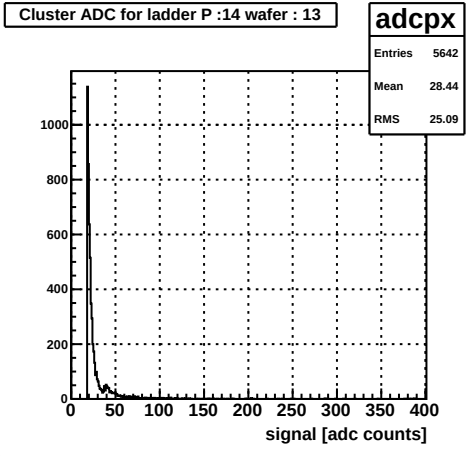

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1017
Mean 36.91
RMS 40.16
signal [adc counts]

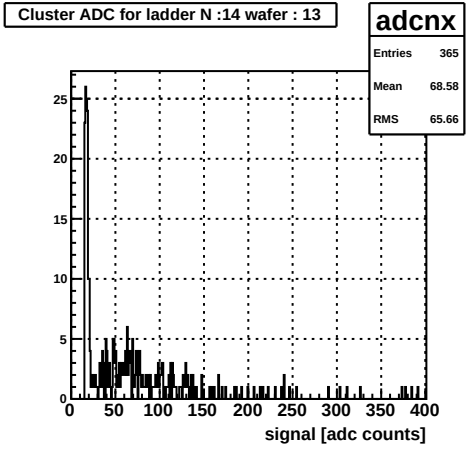

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1769
Mean 33.89
RMS 40.23
signal [adc counts]

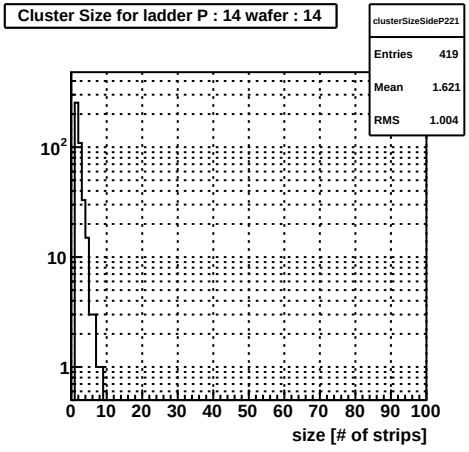

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5642
Mean 1.116
RMS 0.4059
size [# of strips]

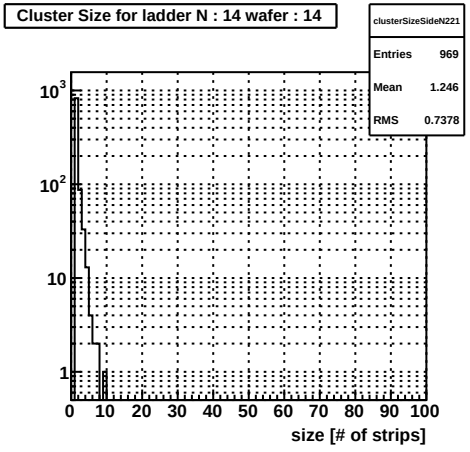

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 365
Mean 1.526
RMS 0.9637
size [# of strips]

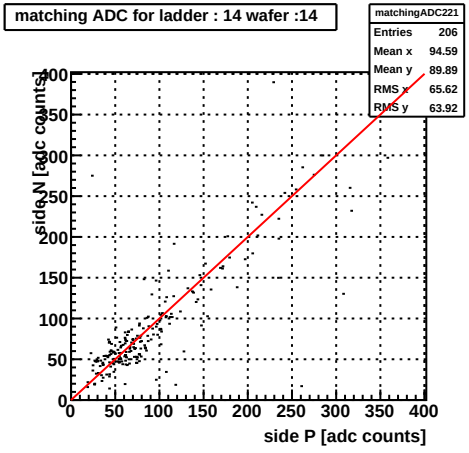

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 222
Mean x 93.37
Mean y 92.21
RMS x 70.69
RMS y 67.91
side N [adc counts]
side P [adc counts]

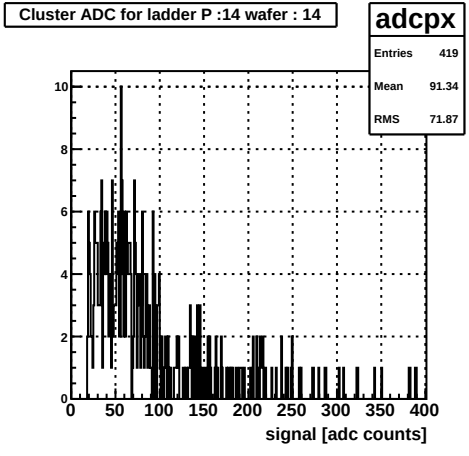

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5642
Mean 28.44
RMS 25.09
signal [adc counts]

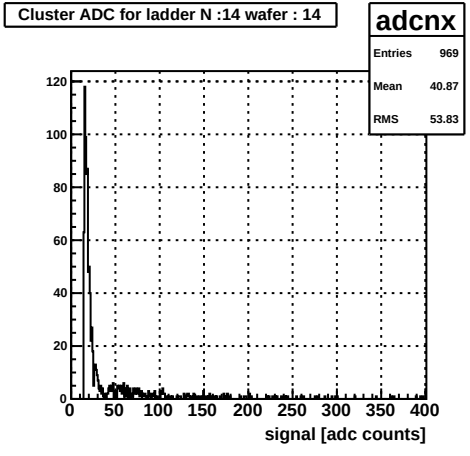

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 365
Mean 68.58
RMS 65.66
signal [adc counts]

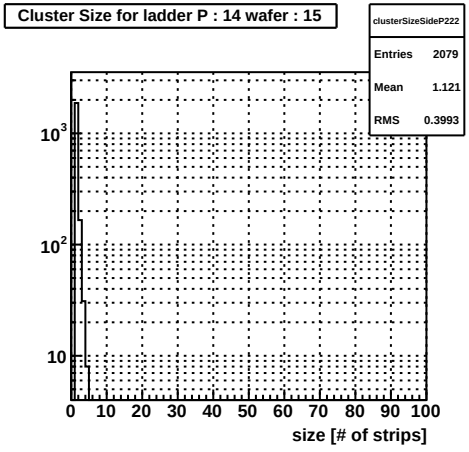

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 419
Mean 1.621
RMS 1.004
size [# of strips]

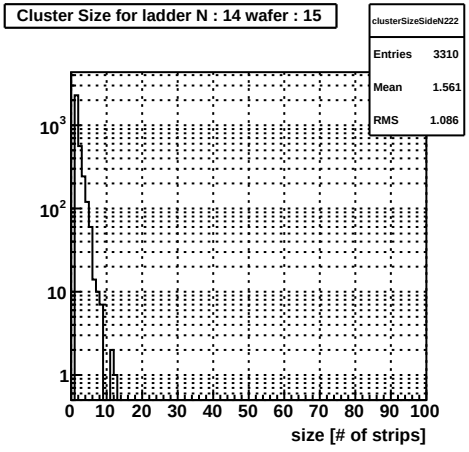

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 969
Mean 1.246
RMS 0.7378
size [# of strips]

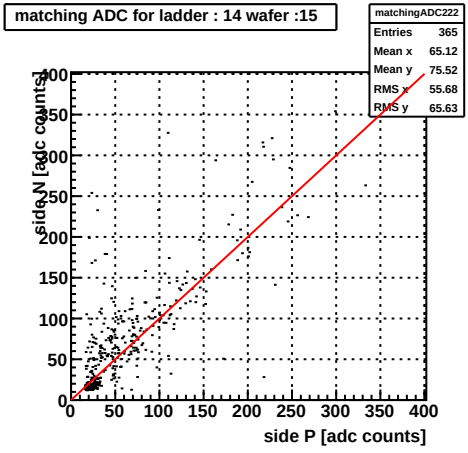

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 206
Mean x 94.59
Mean y 89.89
RMS x 65.62
RMS y 63.92
side N [adc counts]
side P [adc counts]

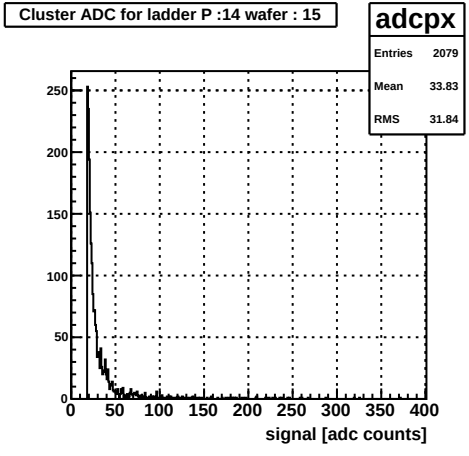

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 419
Mean 91.34
RMS 71.87
signal [adc counts]

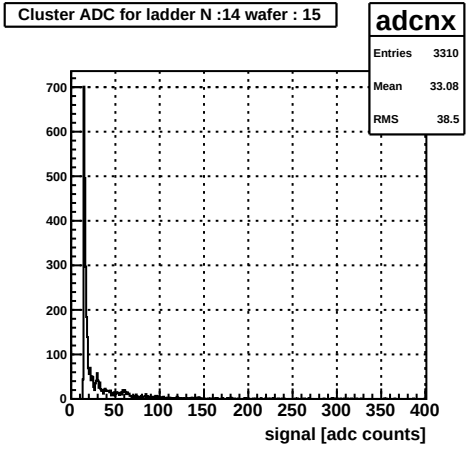

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 969
Mean 40.87
RMS 53.83
signal [adc counts]

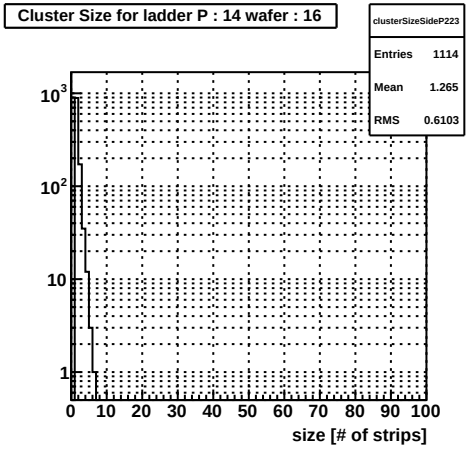

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2079
Mean 1.121
RMS 0.3993
size [# of strips]

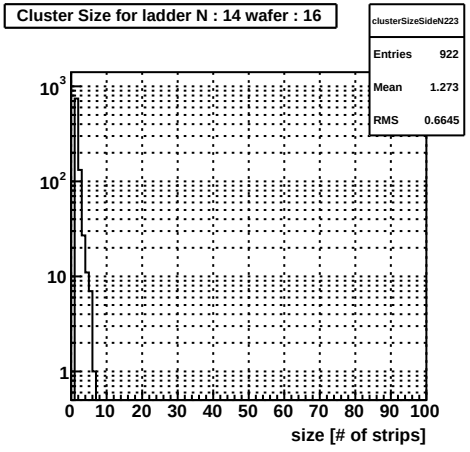

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3310
Mean 1.561
RMS 1.086
size [# of strips]

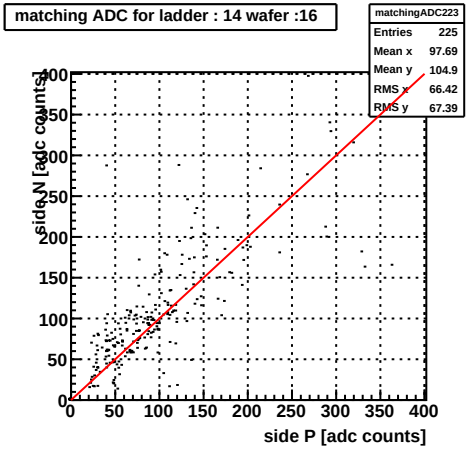

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 365
Mean x 65.12
Mean y 75.52
RMS x 55.68
RMS y 65.63
side N [adc counts]
side P [adc counts]

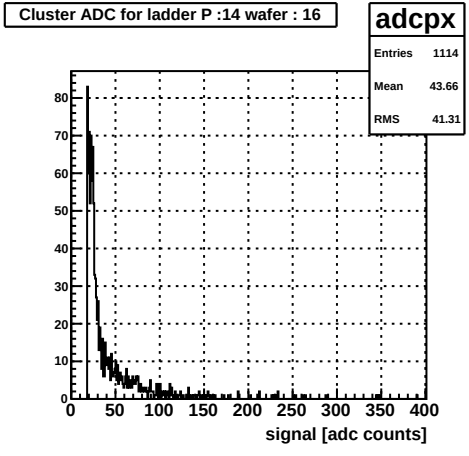

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2079
Mean 33.83
RMS 31.84
signal [adc counts]

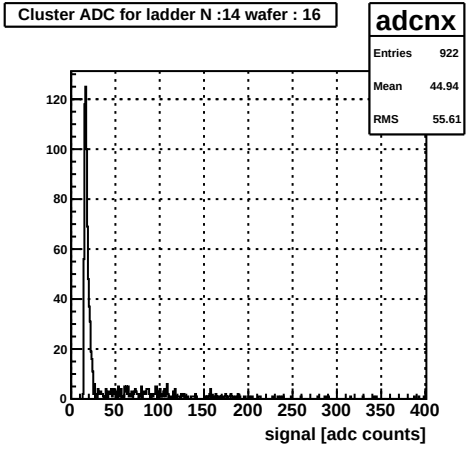

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3310
Mean 33.08
RMS 38.5
signal [adc counts]

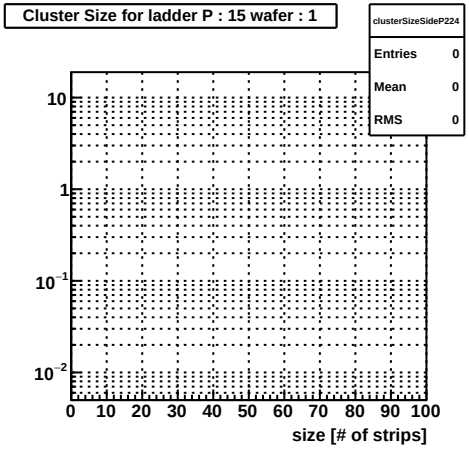

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1114
Mean 1.265
RMS 0.6103
size [# of strips]

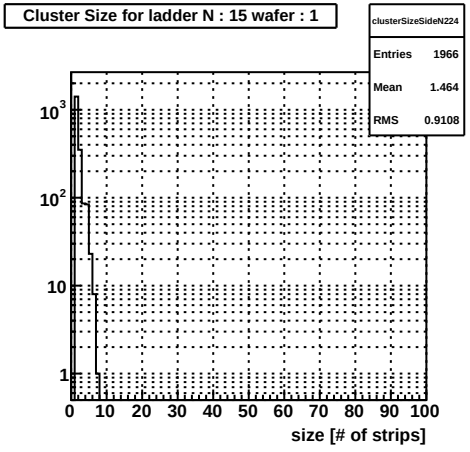

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 922
Mean 1.273
RMS 0.6645
size [# of strips]

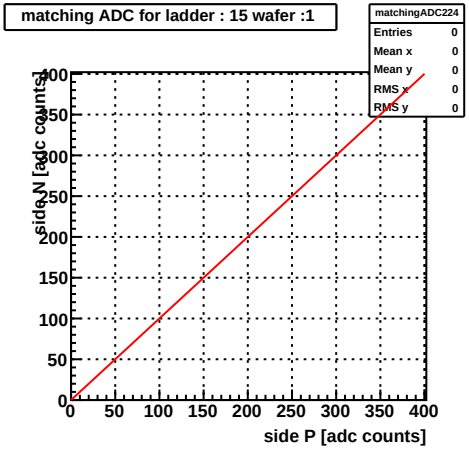

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 225
Mean x 97.69
Mean y 104.9
RMS x 66.42
RMS y 67.39
side N [adc counts]
side P [adc counts]

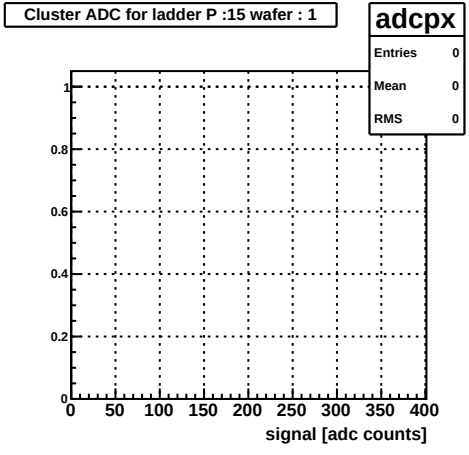

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1114
Mean 43.66
RMS 41.31
signal [adc counts]

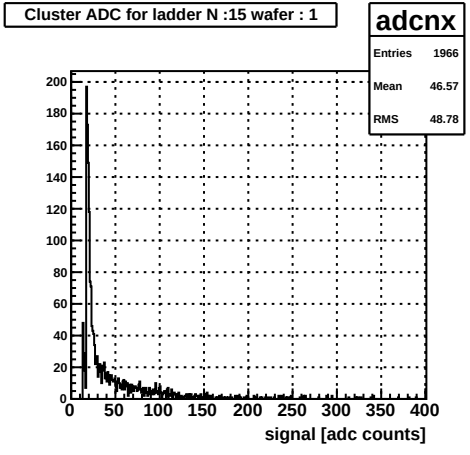

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 922
Mean 44.94
RMS 55.61
signal [adc counts]

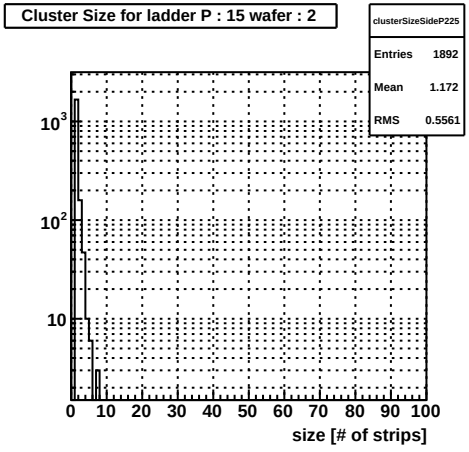

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

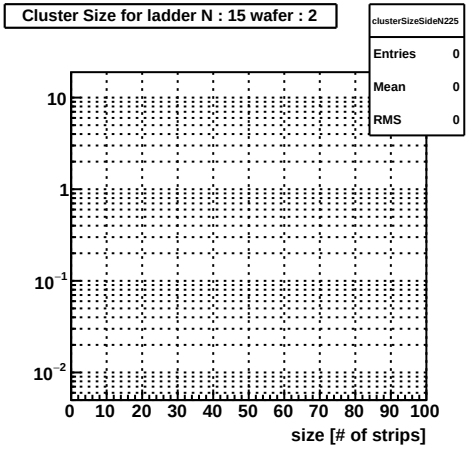

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1966
Mean 1.464
RMS 0.9108
size [# of strips]

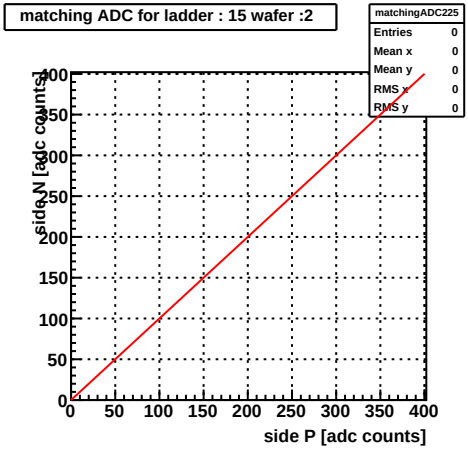

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

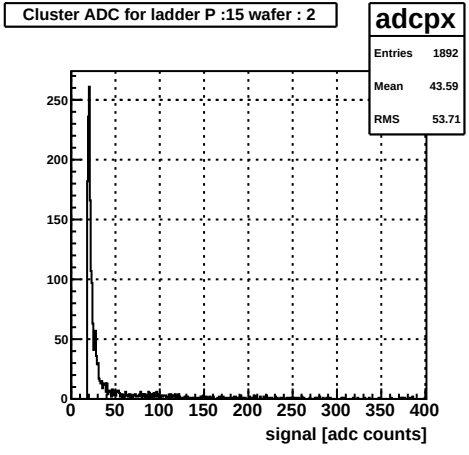

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

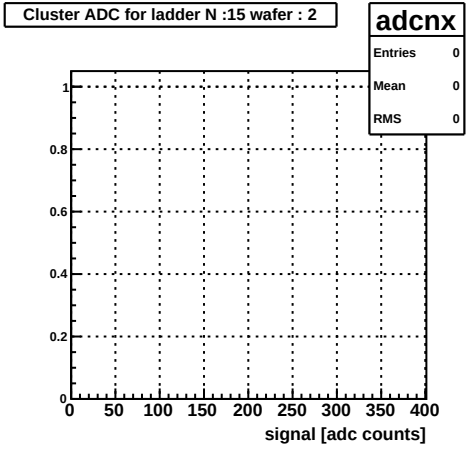

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1966
Mean 46.57
RMS 48.78
signal [adc counts]

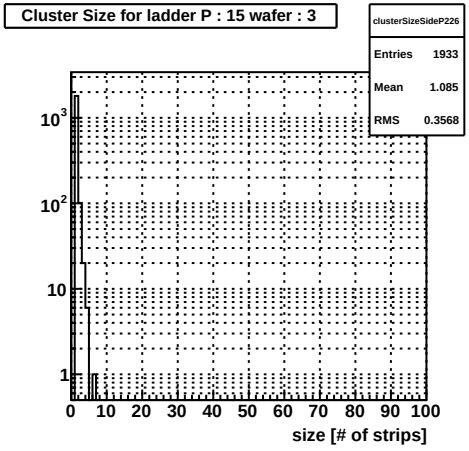

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1892
Mean 1.172
RMS 0.5561
size [# of strips]

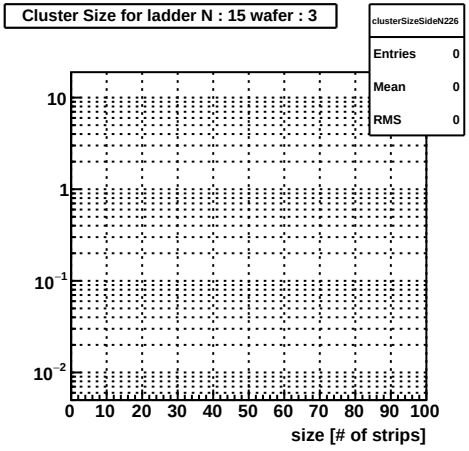

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

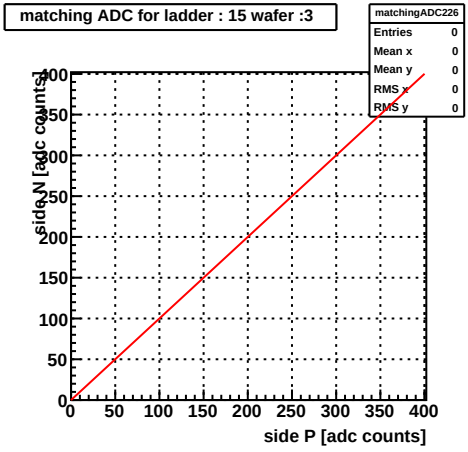

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

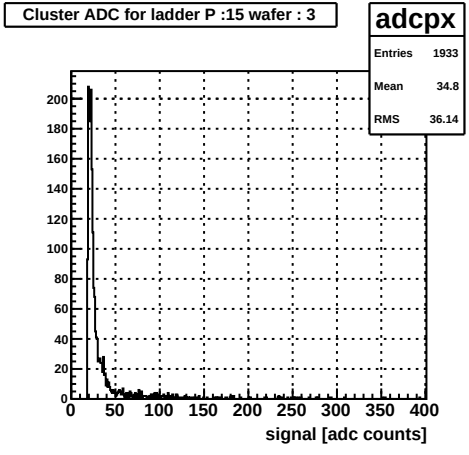

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1892
Mean 43.59
RMS 53.71
signal [adc counts]

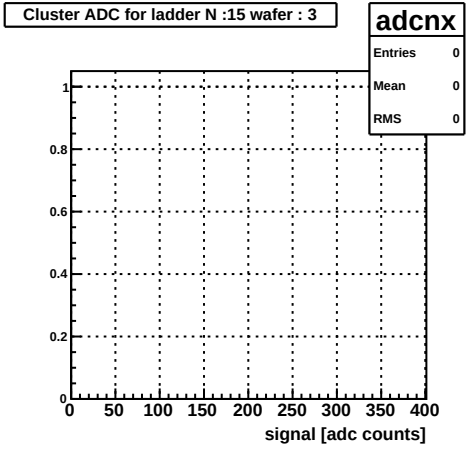

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

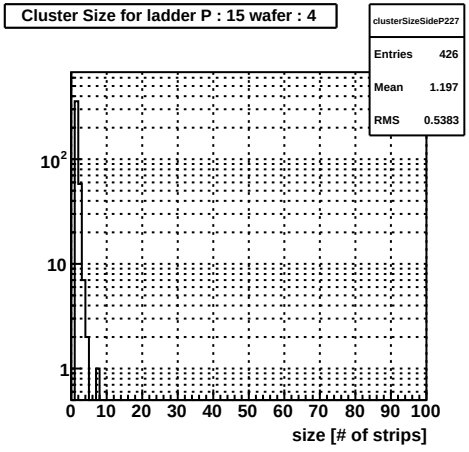

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1933
Mean 1.085
RMS 0.3568
size [# of strips]

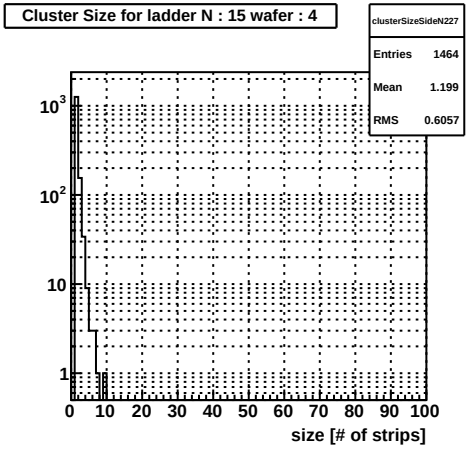

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

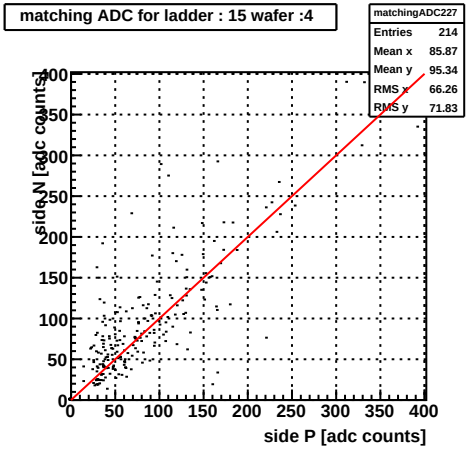

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

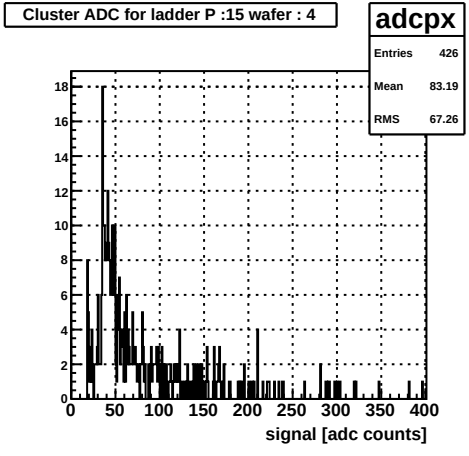

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1933
Mean 34.8
RMS 36.14
signal [adc counts]

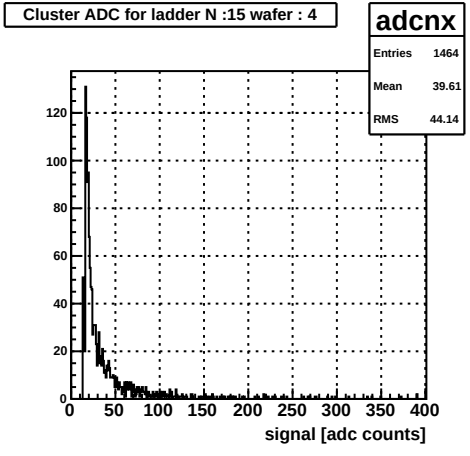

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

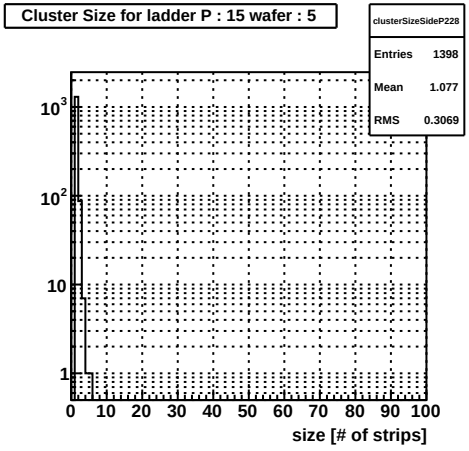

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 426
Mean 1.197
RMS 0.5383
size [# of strips]

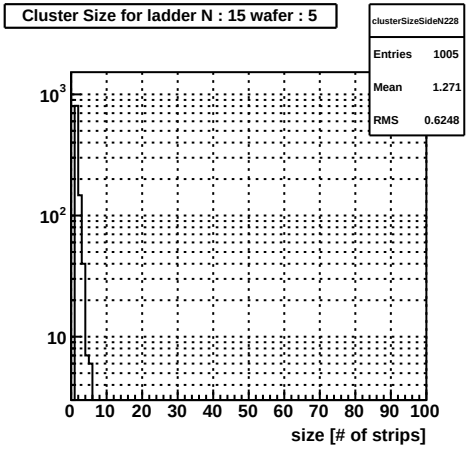

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1464
Mean 1.199
RMS 0.6057
size [# of strips]

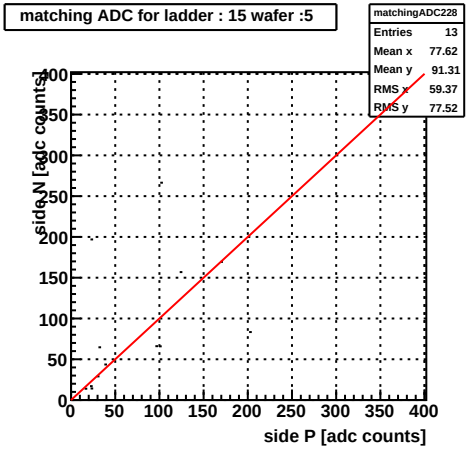

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 214
Mean x 85.87
Mean y 95.34
RMS x 66.26
RMS y 71.83
side N [adc counts]
side P [adc counts]

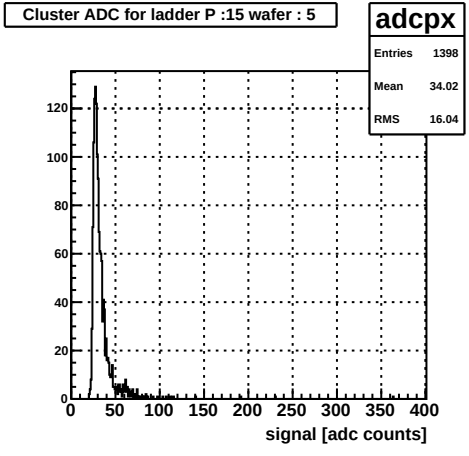

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 426
Mean 83.19
RMS 67.26
signal [adc counts]

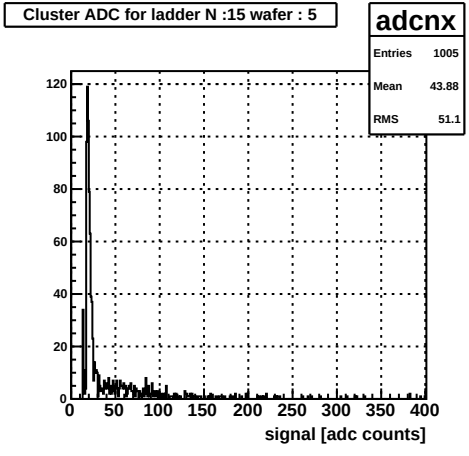

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1464
Mean 39.61
RMS 44.14
signal [adc counts]

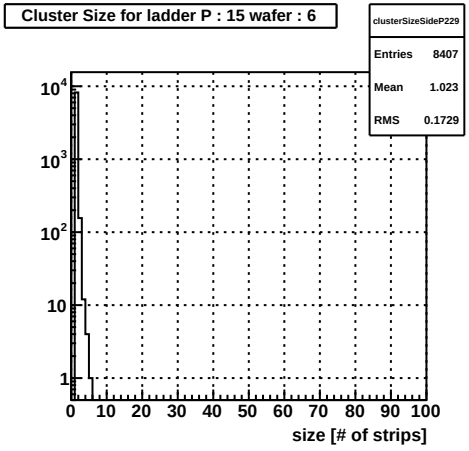

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1398
Mean 1.077
RMS 0.3069
size [# of strips]

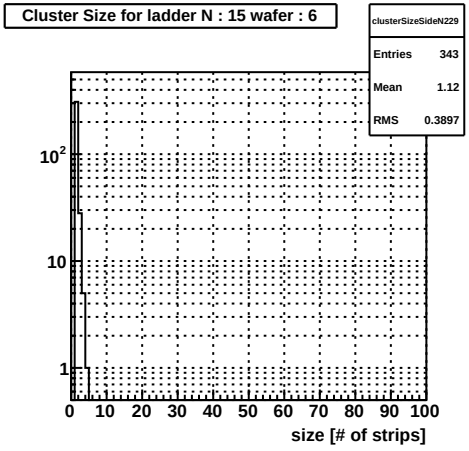

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1005
Mean 1.271
RMS 0.6248
size [# of strips]

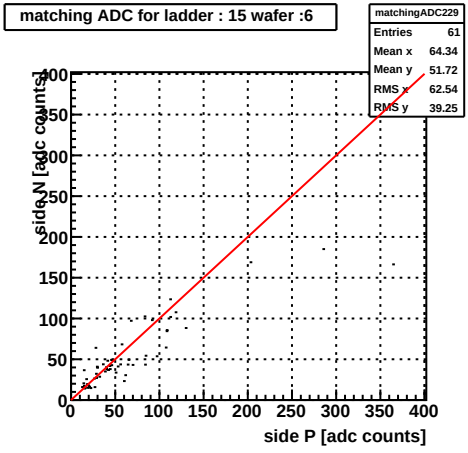

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 13
Mean x 77.62
Mean y 91.31
RMS x 59.37
RMS y 77.52
side N [adc counts]
side P [adc counts]

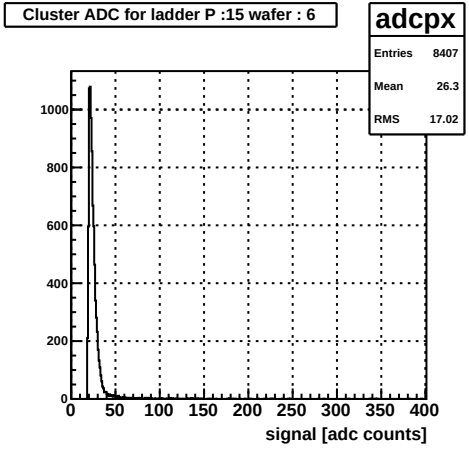

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1398
Mean 34.02
RMS 16.04
signal [adc counts]

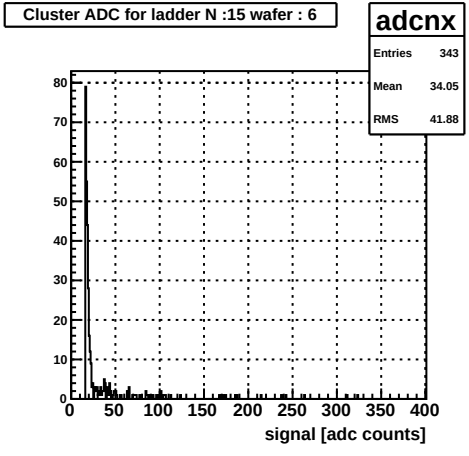

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1005
Mean 43.88
RMS 51.1
signal [adc counts]

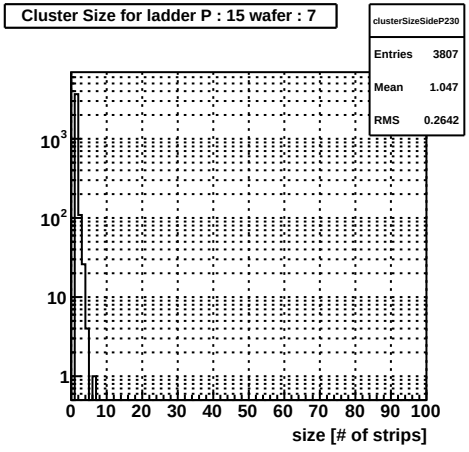

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8407
Mean 1.023
RMS 0.1729
size [# of strips]

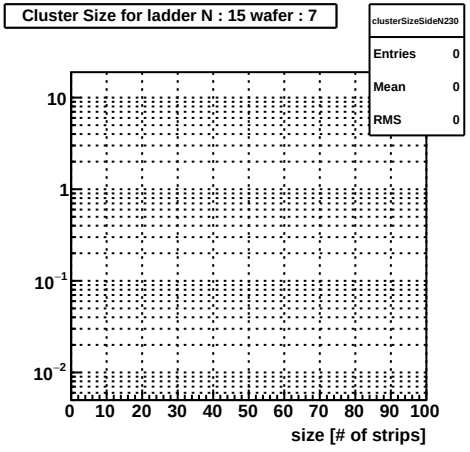

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 343
Mean 1.12
RMS 0.3897
size [# of strips]

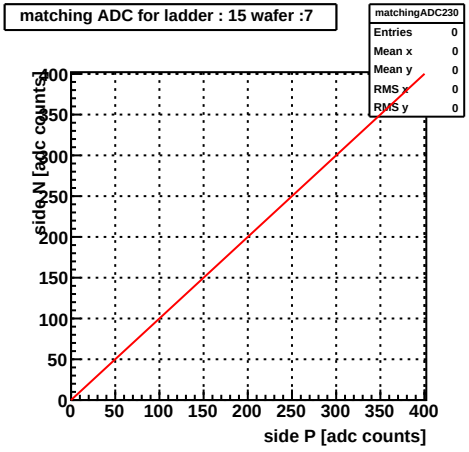

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 61
Mean x 64.34
Mean y 51.72
RMS x 62.54
RMS y 39.25
side N [adc counts]
side P [adc counts]

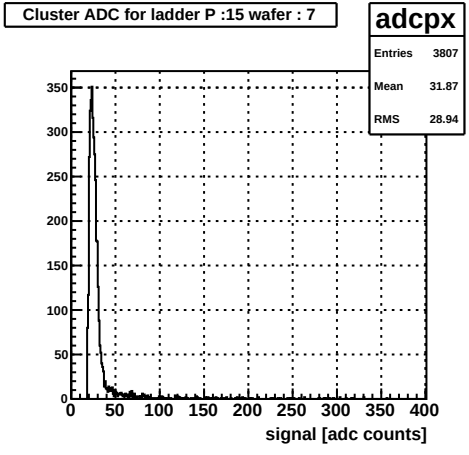

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8407
Mean 26.3
RMS 17.02
signal [adc counts]

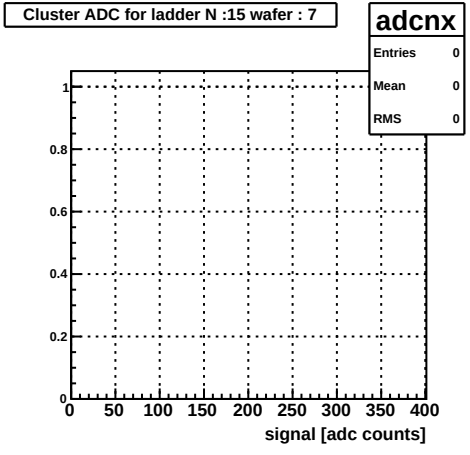

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 343
Mean 34.05
RMS 41.88
signal [adc counts]

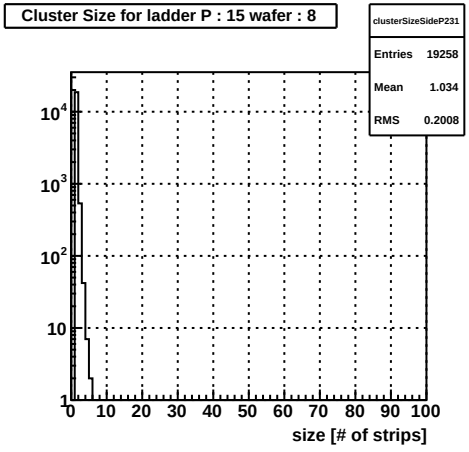

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3807
Mean 1.047
RMS 0.2642
size [# of strips]

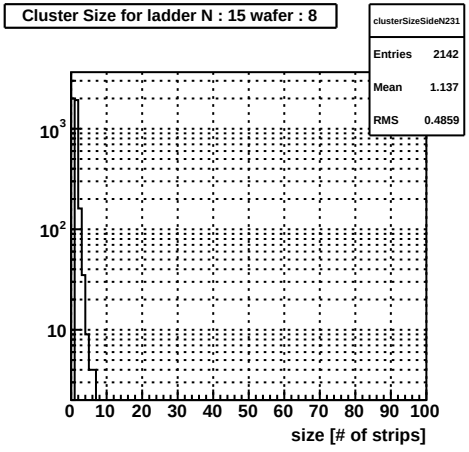

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

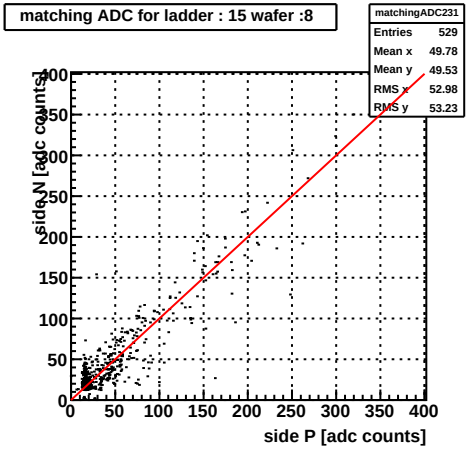

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

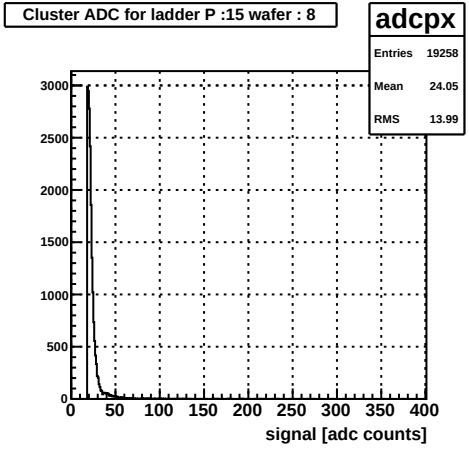

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3807
Mean 31.87
RMS 28.94
signal [adc counts]

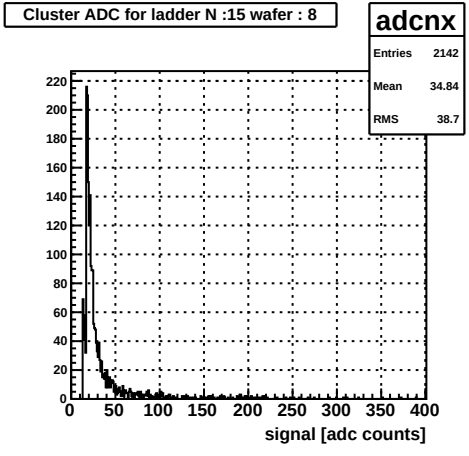

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

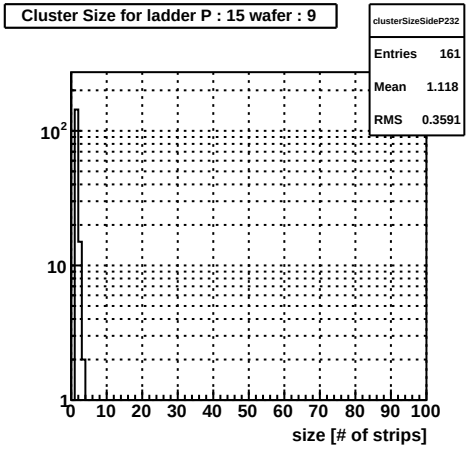

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 19258
Mean 1.034
RMS 0.2008
size [# of strips]

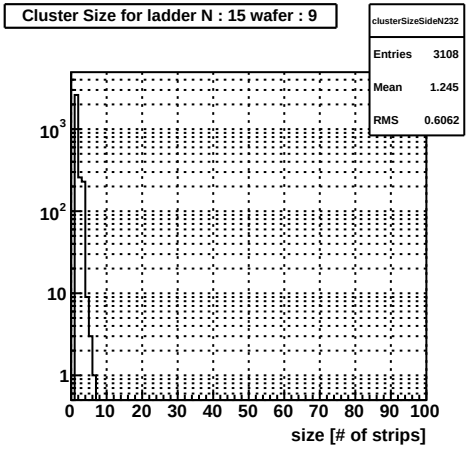

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2142
Mean 1.137
RMS 0.4859
size [# of strips]

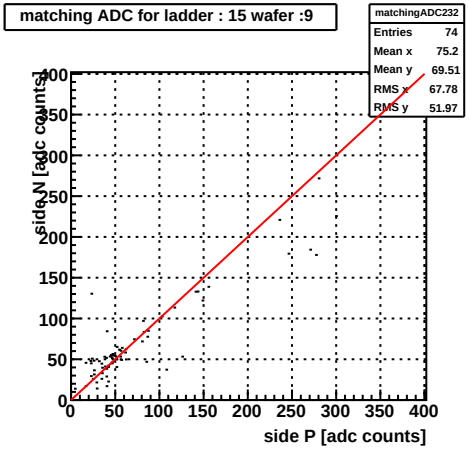

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 529
Mean x 49.78
Mean y 49.53
RMS x 52.98
RMS y 53.23
side N [adc counts]
side P [adc counts]

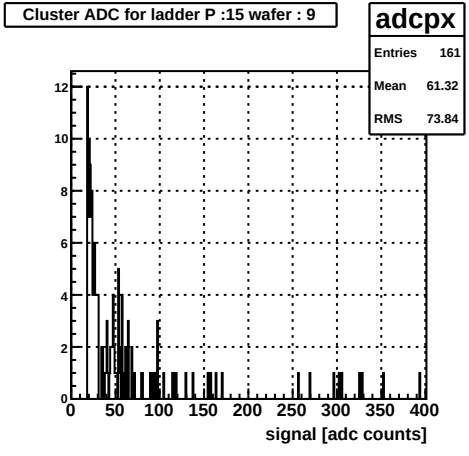

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 19258
Mean 24.05
RMS 13.99
signal [adc counts]

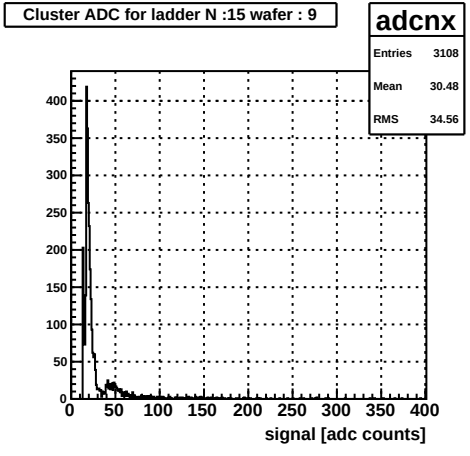

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2142
Mean 34.84
RMS 38.7
signal [adc counts]

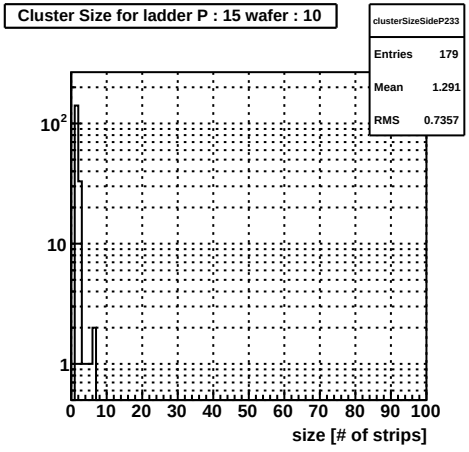

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 161
Mean 1.118
RMS 0.3591
size [# of strips]

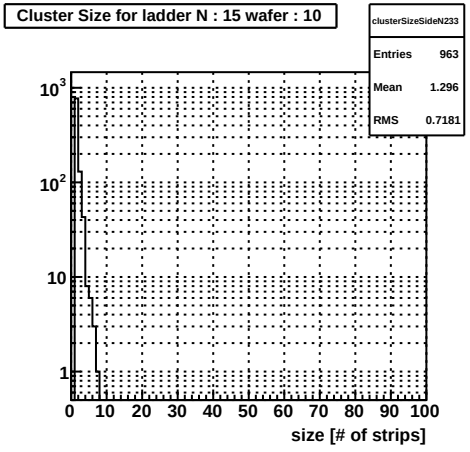

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3108
Mean 1.245
RMS 0.6062
size [# of strips]

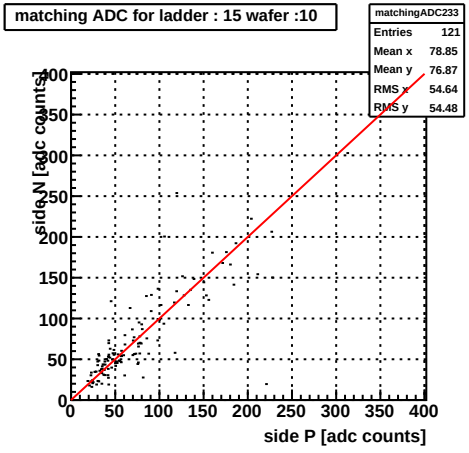

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 74
Mean x 75.2
Mean y 69.51
RMS x 67.78
RMS y 51.97
side N [adc counts]
side P [adc counts]

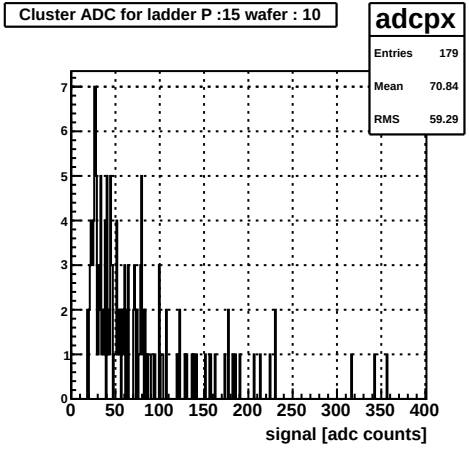

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 161
Mean 61.32
RMS 73.84
signal [adc counts]

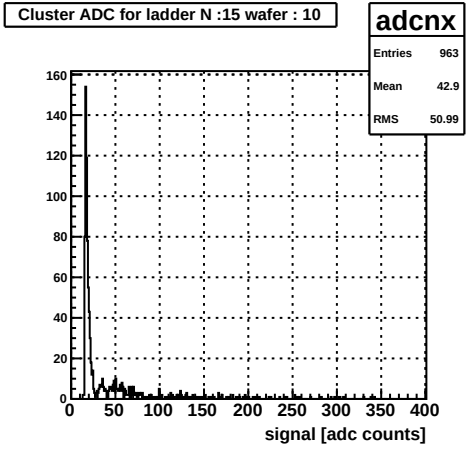

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3108
Mean 30.48
RMS 34.56
signal [adc counts]

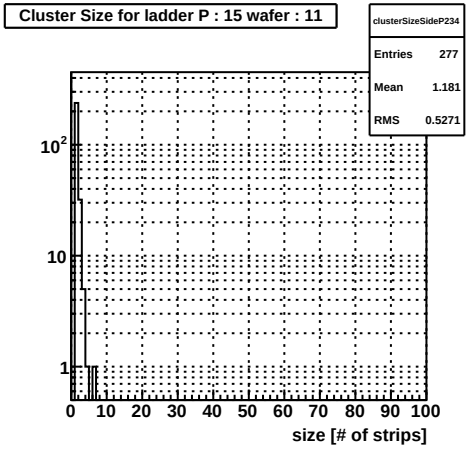

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 179
Mean 1.291
RMS 0.7357
size [# of strips]

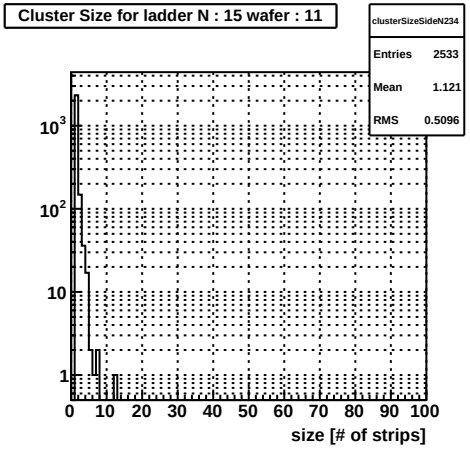

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 963
Mean 1.296
RMS 0.7181
size [# of strips]

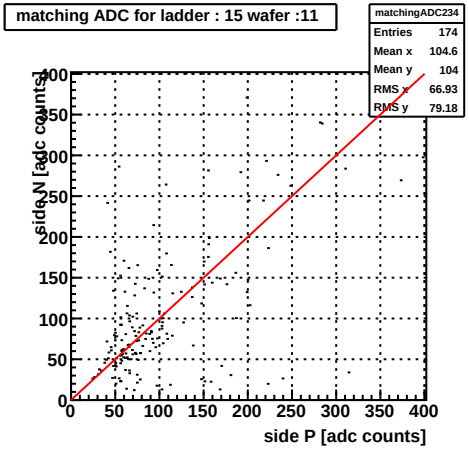

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 121
Mean x 78.85
Mean y 76.87
RMS x 54.64
RMS y 54.48
side N [adc counts]
side P [adc counts]

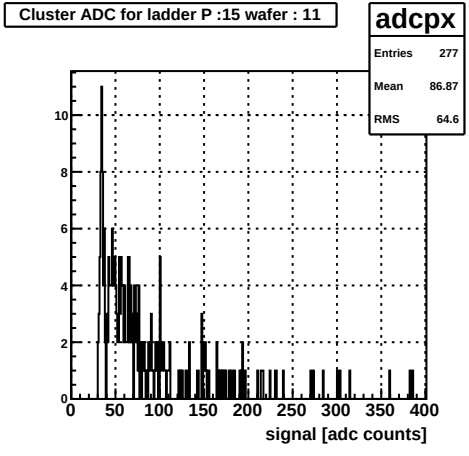

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 179
Mean 70.84
RMS 59.29
signal [adc counts]

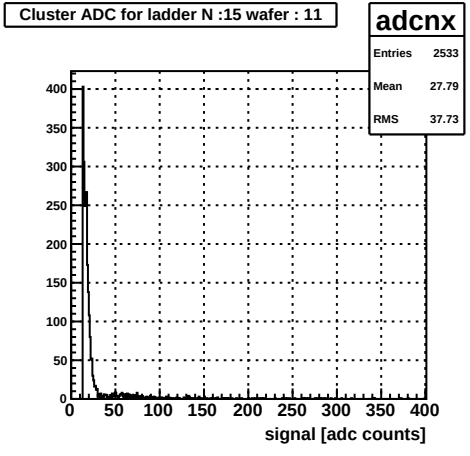

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 963
Mean 42.9
RMS 50.99
signal [adc counts]

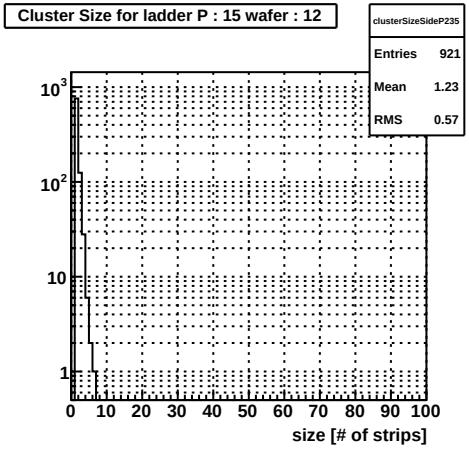

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 277
Mean 1.181
RMS 0.5271
size [# of strips]

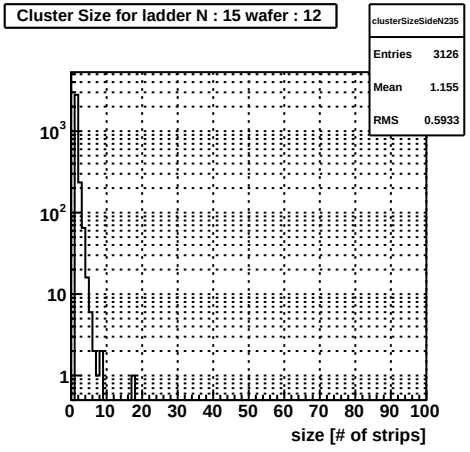

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2533
Mean 1.121
RMS 0.5096
size [# of strips]

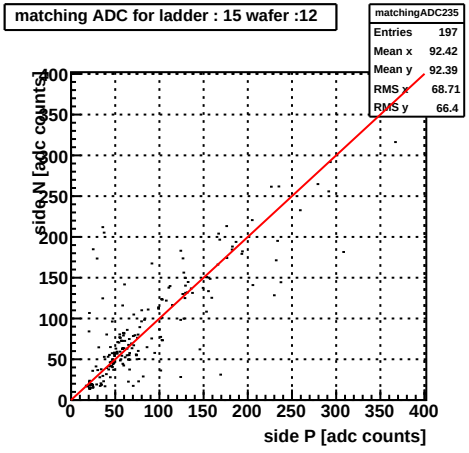

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 174
Mean x 104.6
Mean y 104
RMS x 66.93
RMS y 79.18
side N [adc counts]
side P [adc counts]

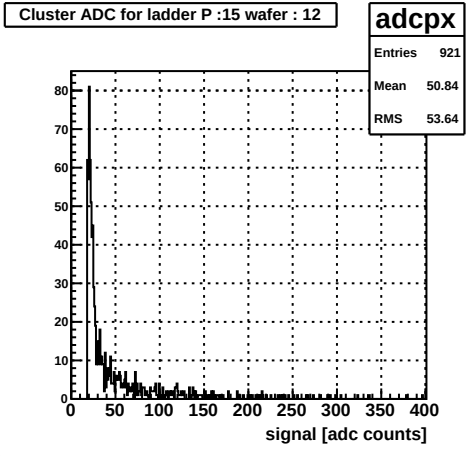

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 277
Mean 86.87
RMS 64.6
signal [adc counts]

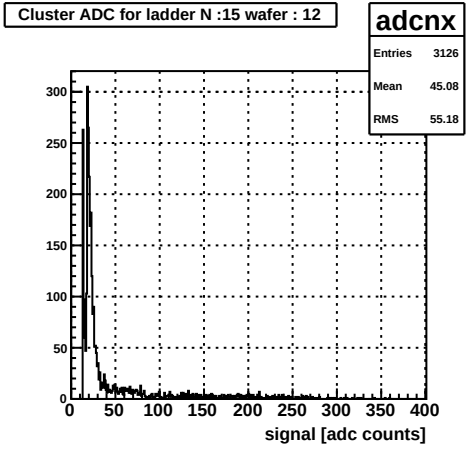

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2533
Mean 27.79
RMS 37.73
signal [adc counts]

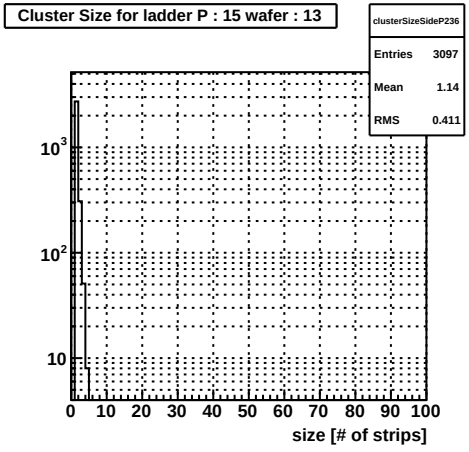

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 921
Mean 1.23
RMS 0.57
size [# of strips]

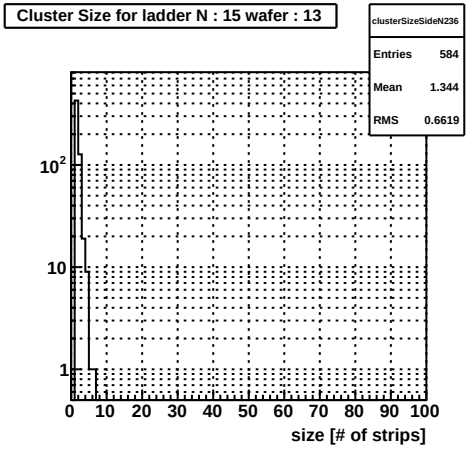

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3126
Mean 1.155
RMS 0.5933
size [# of strips]

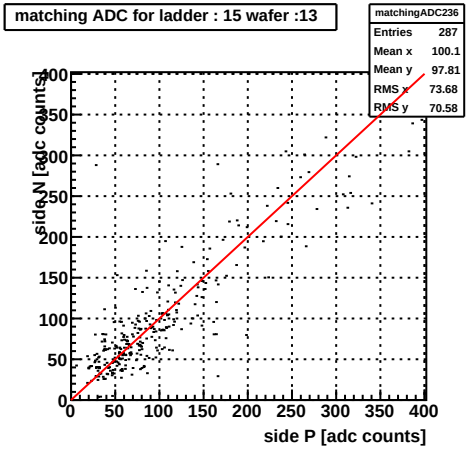

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 197
Mean x 92.42
Mean y 92.39
RMS x 68.71
RMS y 66.4
side N [adc counts]
side P [adc counts]

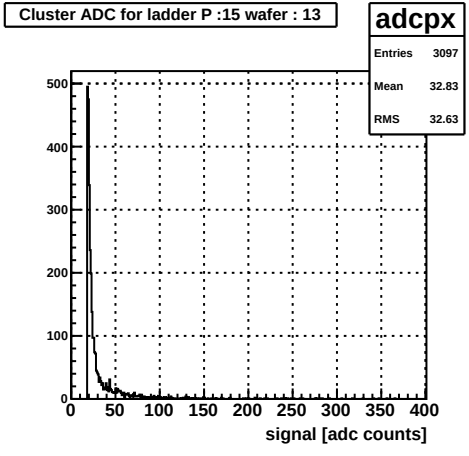

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 921
Mean 50.84
RMS 53.64
signal [adc counts]

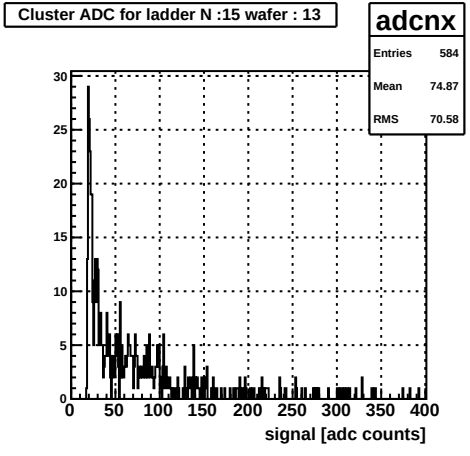

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3126
Mean 45.08
RMS 55.18
signal [adc counts]

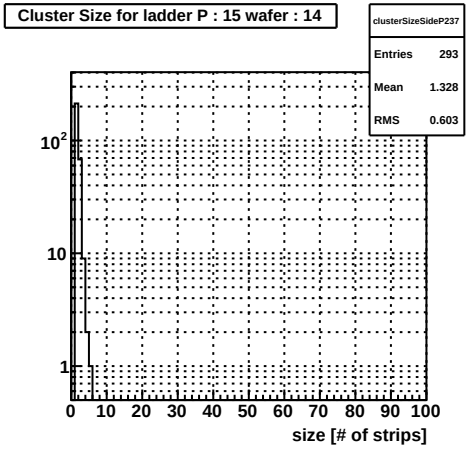

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3097
Mean 1.14
RMS 0.411
size [# of strips]

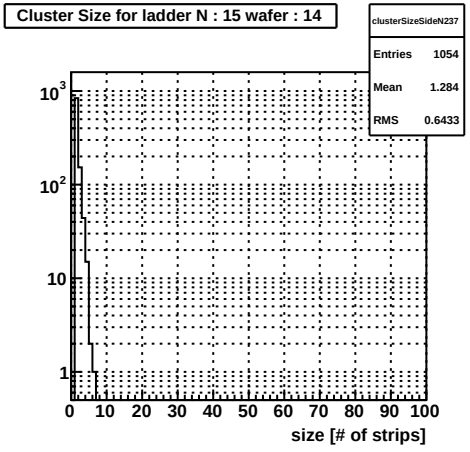

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 584
Mean 1.344
RMS 0.6619
size [# of strips]

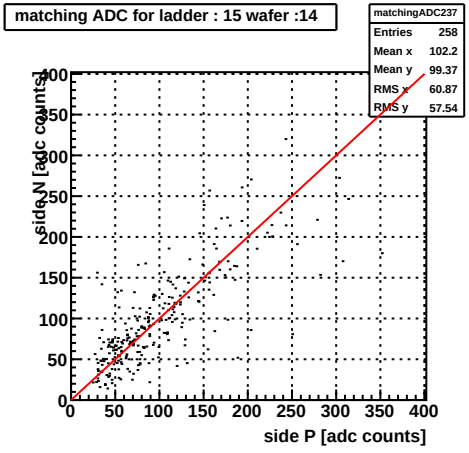

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 287
Mean x 100.1
Mean y 97.81
RMS x 73.68
RMS y 70.58
side N [adc counts]
side P [adc counts]

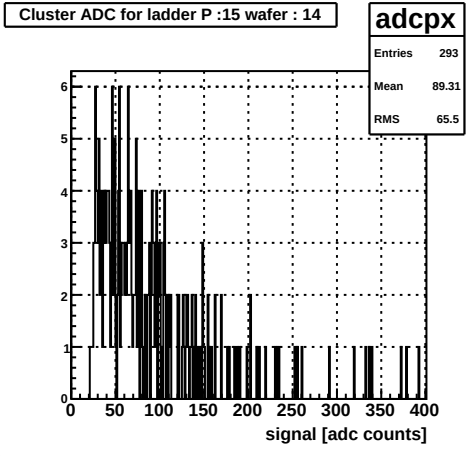

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3097
Mean 32.83
RMS 32.63
signal [adc counts]

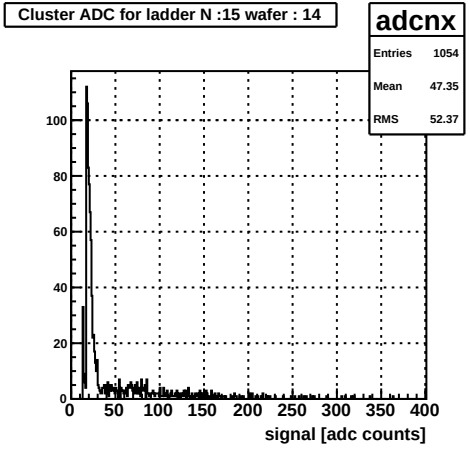

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 584
Mean 74.87
RMS 70.58
signal [adc counts]

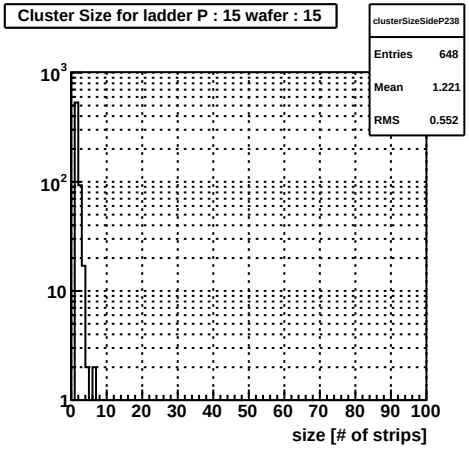

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 293
Mean 1.328
RMS 0.603
size [# of strips]

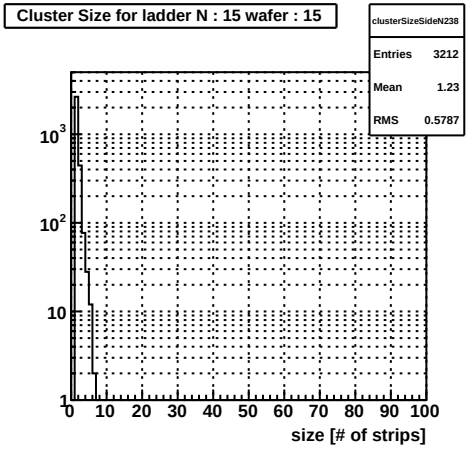

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1054
Mean 1.284
RMS 0.6433
size [# of strips]

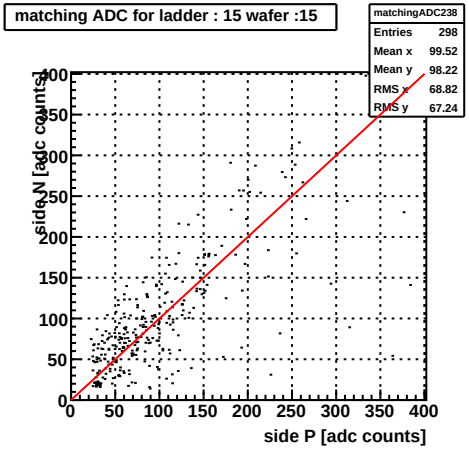

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 258
Mean x 102.2
Mean y 99.37
RMS x 60.87
RMS y 57.54
side N [adc counts]
side P [adc counts]

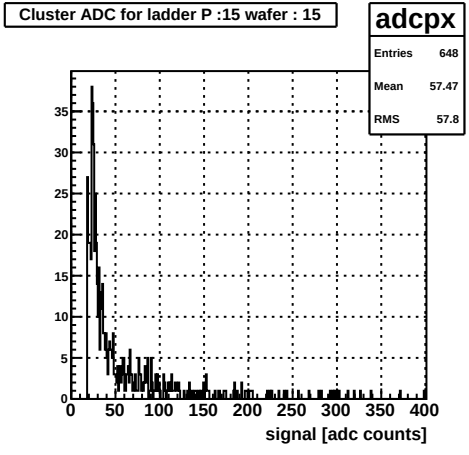

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 293
Mean 89.31
RMS 65.5
signal [adc counts]

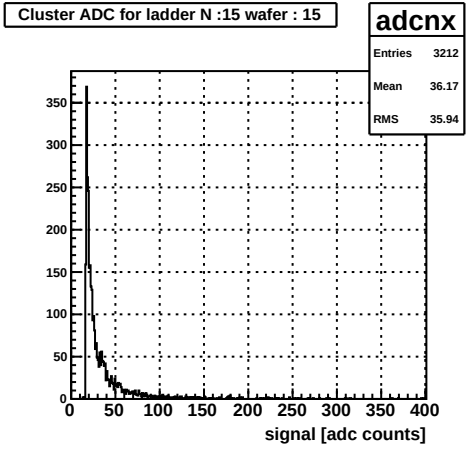

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1054
Mean 47.35
RMS 52.37
signal [adc counts]

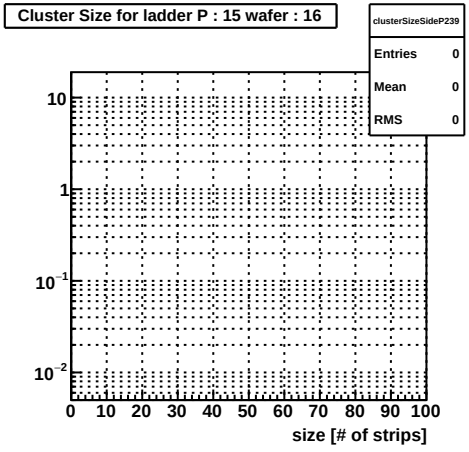

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 648
Mean 1.221
RMS 0.552
size [# of strips]

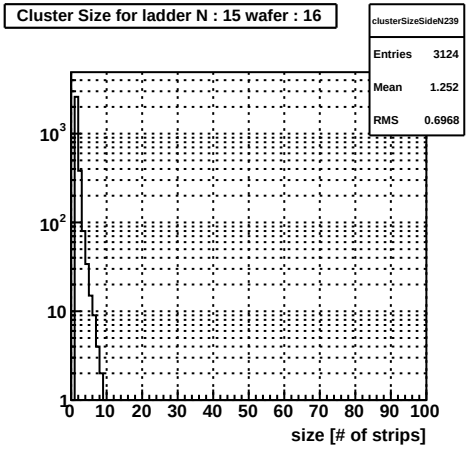

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3212
Mean 1.23
RMS 0.5787
size [# of strips]

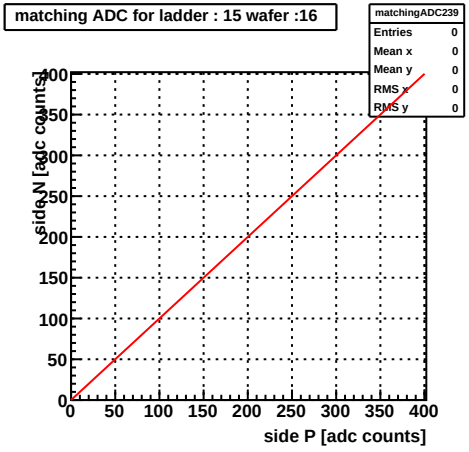

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 298
Mean x 99.52
Mean y 98.22
RMS x 68.82
RMS y 67.24
side N [adc counts]
side P [adc counts]

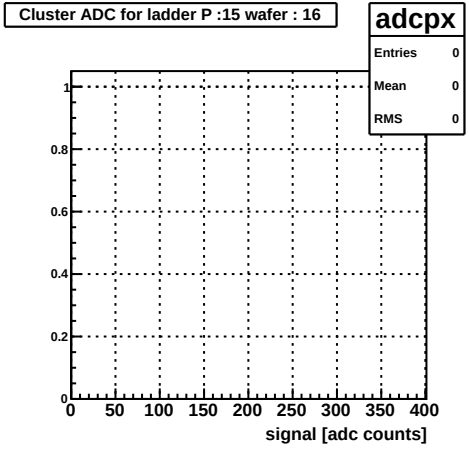

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 648
Mean 57.47
RMS 57.8
signal [adc counts]

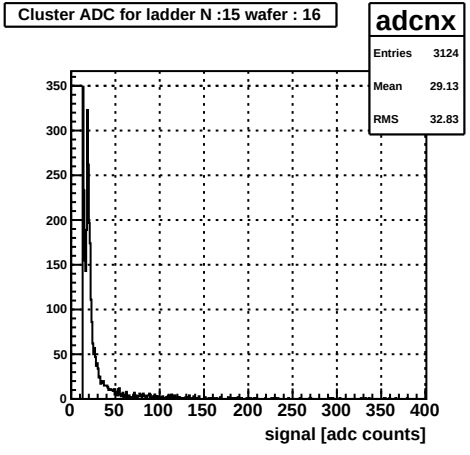

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3212
Mean 36.17
RMS 35.94
signal [adc counts]

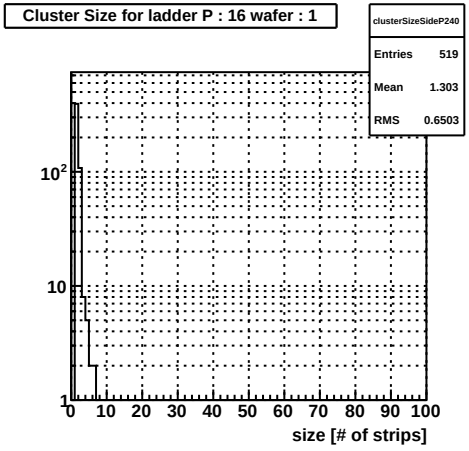

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

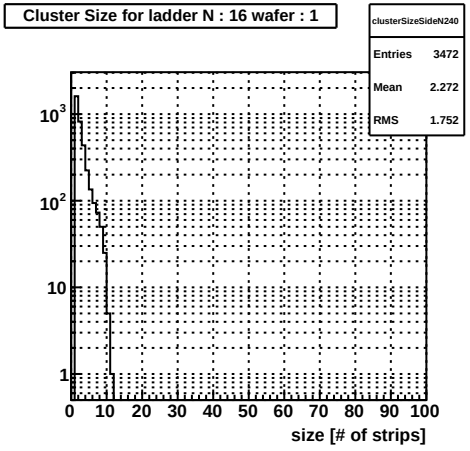

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3124
Mean 1.252
RMS 0.6968
size [# of strips]

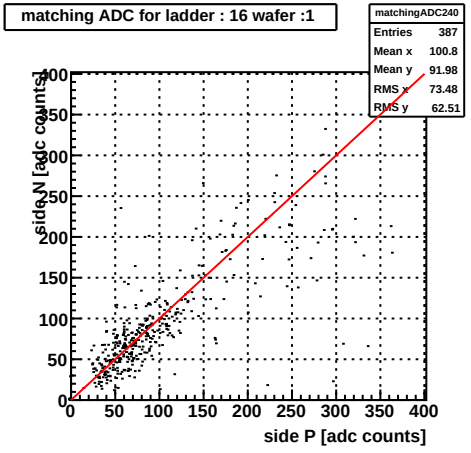

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

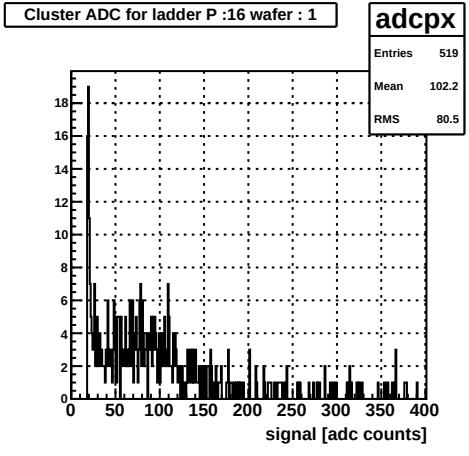

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

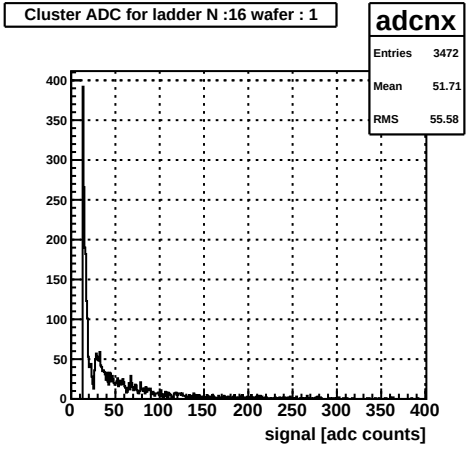

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3124
Mean 29.13
RMS 32.83
signal [adc counts]

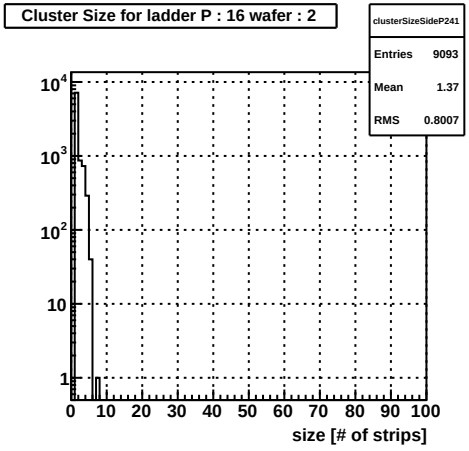

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 519
Mean 1.303
RMS 0.6503
size [# of strips]

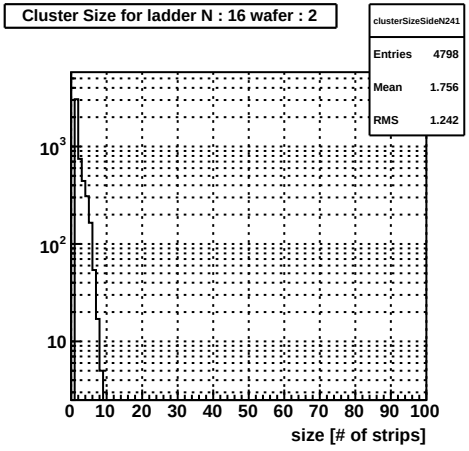

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3472
Mean 2.272
RMS 1.752
size [# of strips]

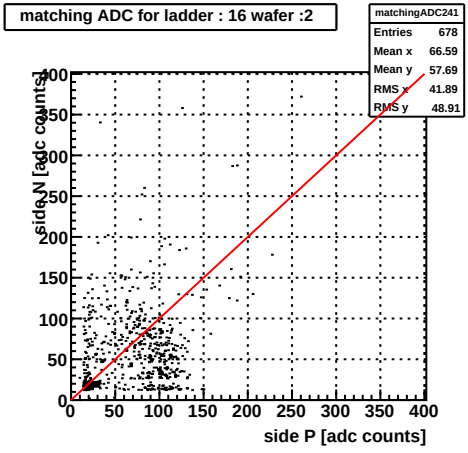

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 387
Mean x 100.8
Mean y 91.98
RMS x 73.48
RMS y 62.51
side N [adc counts]
side P [adc counts]

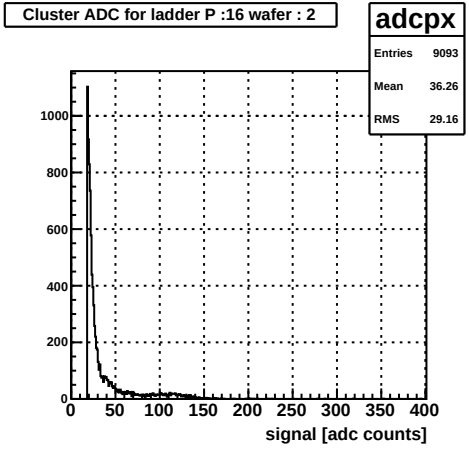

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 519
Mean 102.2
RMS 80.5
signal [adc counts]

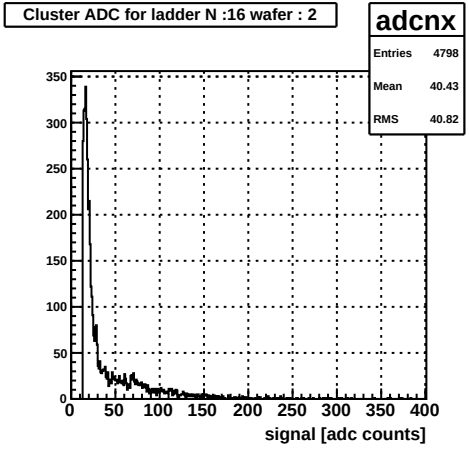

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3472
Mean 51.71
RMS 55.58
signal [adc counts]

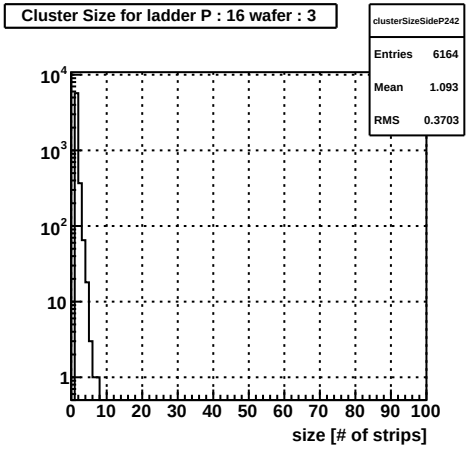

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9093
Mean 1.37
RMS 0.8007
size [# of strips]

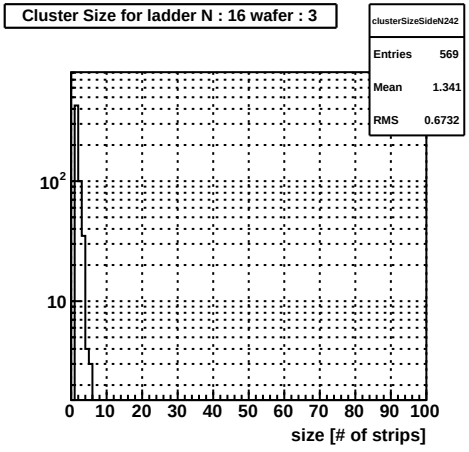

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4798
Mean 1.756
RMS 1.242
size [# of strips]

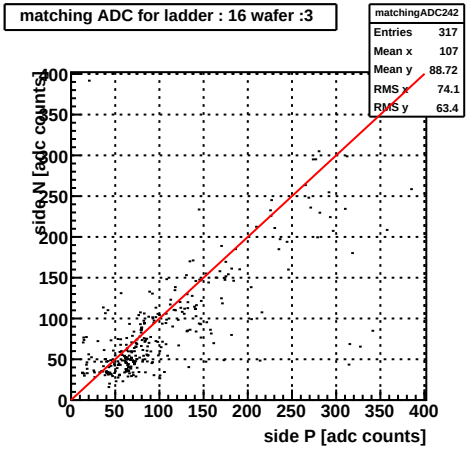

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 678
Mean x 66.59
Mean y 57.69
RMS x 41.89
RMS y 48.91
side N [adc counts]
side P [adc counts]

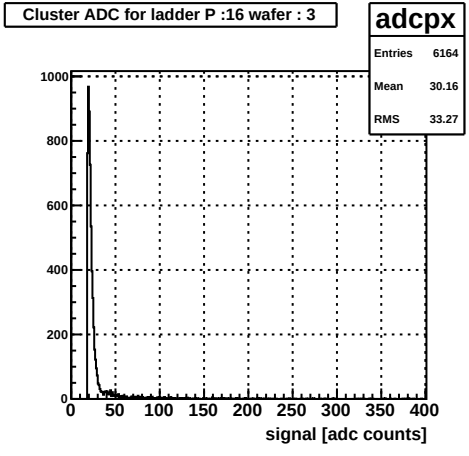

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9093
Mean 36.26
RMS 29.16
signal [adc counts]

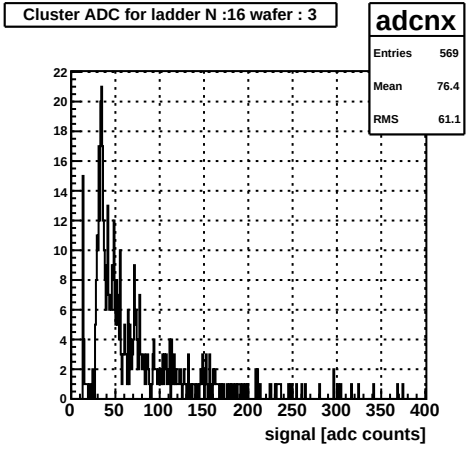

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4798
Mean 40.43
RMS 40.82
signal [adc counts]

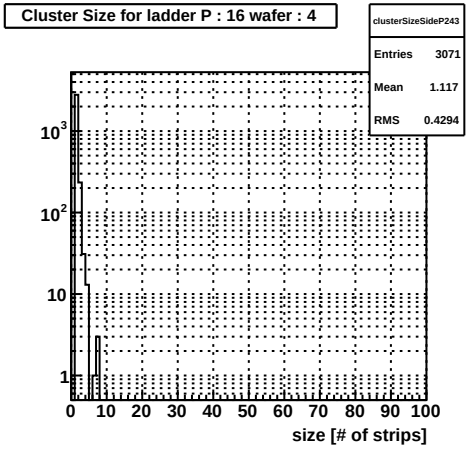

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6164
Mean 1.093
RMS 0.3703
size [# of strips]

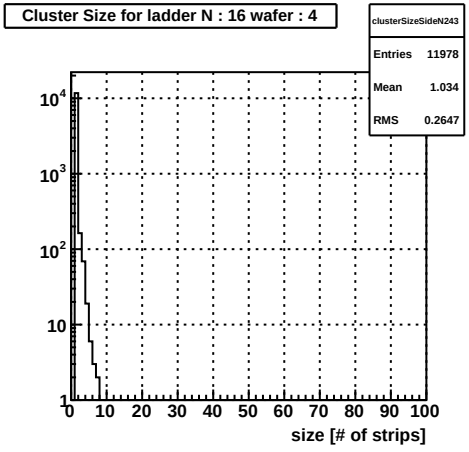

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 569
Mean 1.341
RMS 0.6732
size [# of strips]

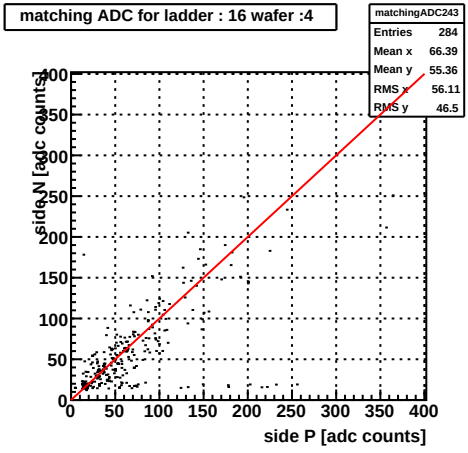

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 317
Mean x 107
Mean y 88.72
RMS x 74.1
RMS y 63.4
side N [adc counts]
side P [adc counts]

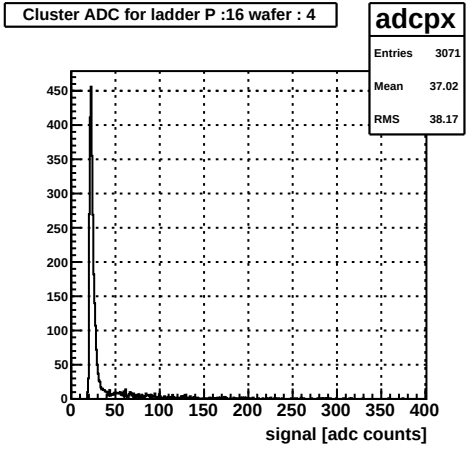

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6164
Mean 30.16
RMS 33.27
signal [adc counts]

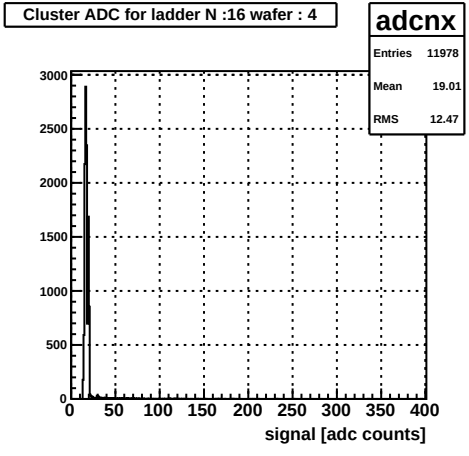

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 569
Mean 76.4
RMS 61.1
signal [adc counts]

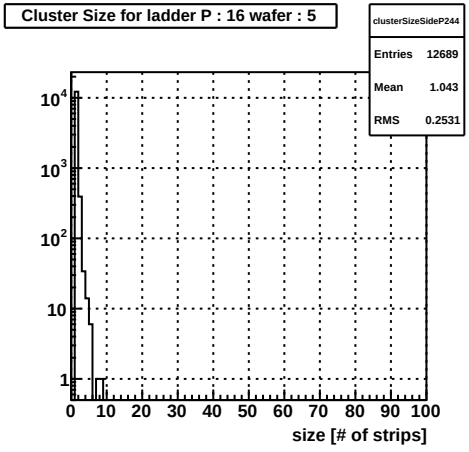

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3071
Mean 1.117
RMS 0.4294
size [# of strips]

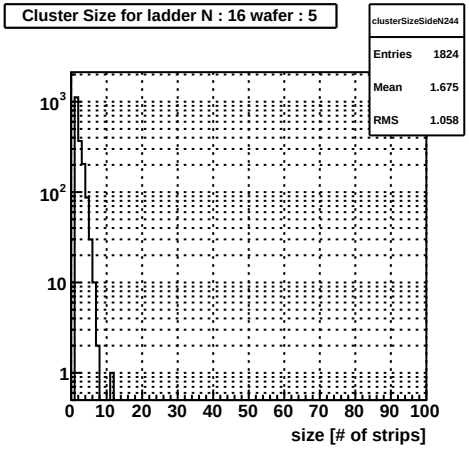

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11978
Mean 1.034
RMS 0.2647
size [# of strips]

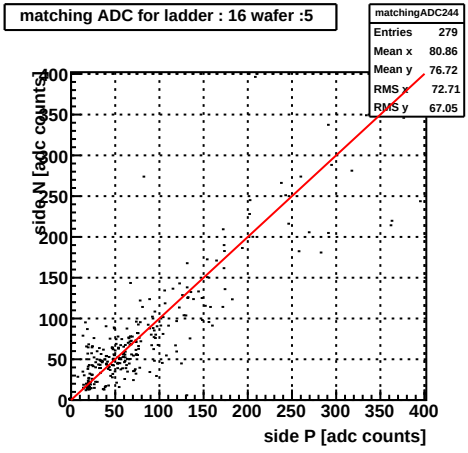

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 284
Mean x 66.39
Mean y 55.36
RMS x 56.11
RMS y 46.5
side N [adc counts]
side P [adc counts]

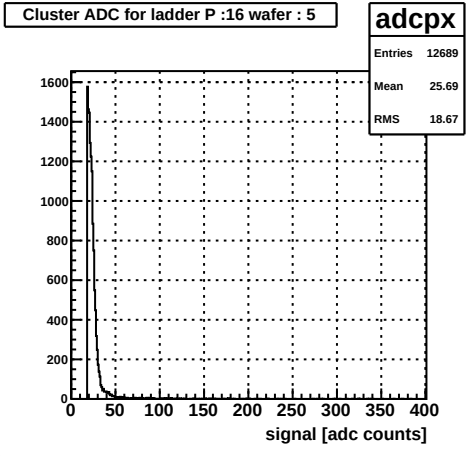

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3071
Mean 37.02
RMS 38.17
signal [adc counts]

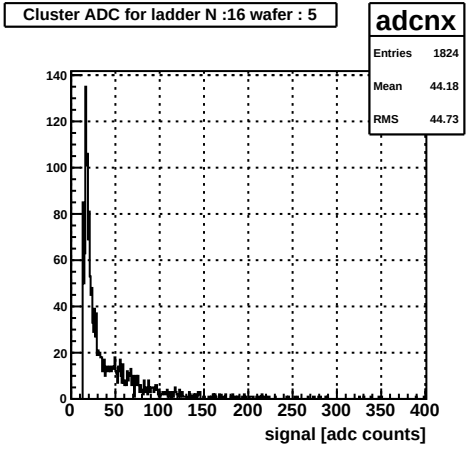

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11978
Mean 19.01
RMS 12.47
signal [adc counts]

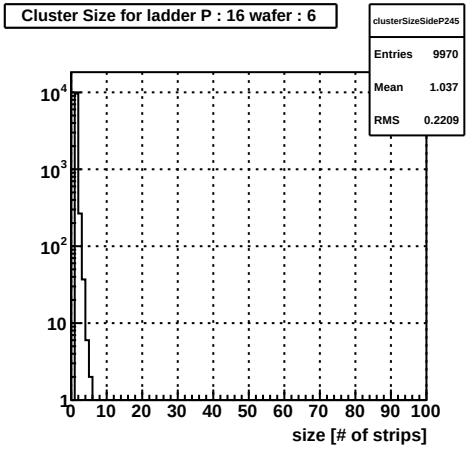

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12689
Mean 1.043
RMS 0.2531
size [# of strips]

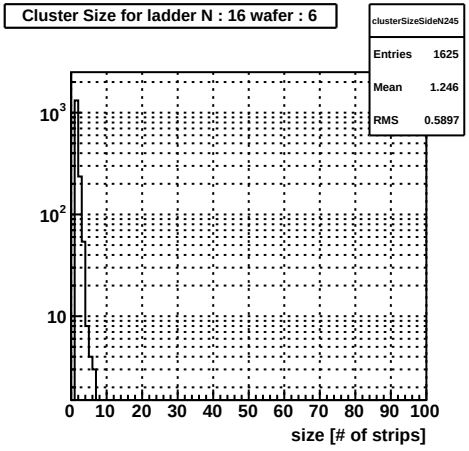

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1824
Mean 1.675
RMS 1.058
size [# of strips]

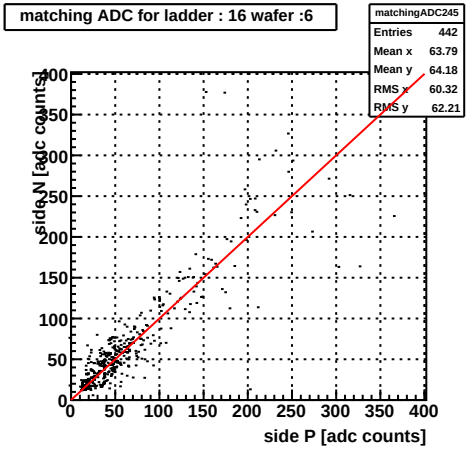

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 279
Mean x 80.86
Mean y 76.72
RMS x 72.71
RMS y 67.05
side N [adc counts]
side P [adc counts]

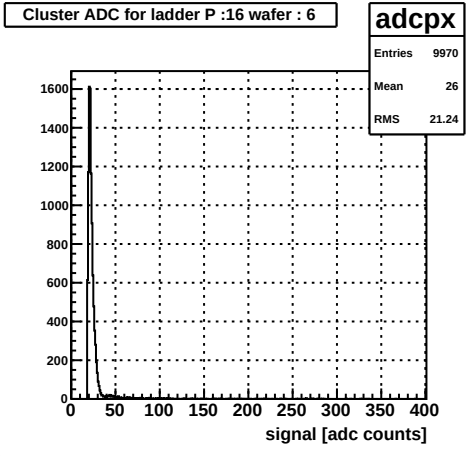

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12689
Mean 25.69
RMS 18.67
signal [adc counts]

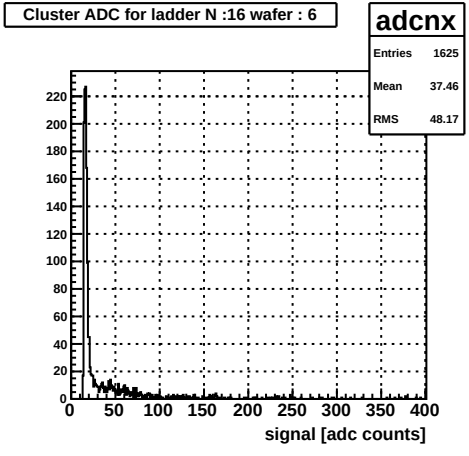

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1824
Mean 44.18
RMS 44.73
signal [adc counts]

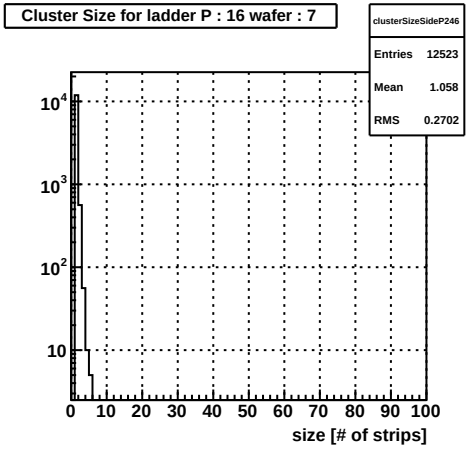

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9970
Mean 1.037
RMS 0.2209
size [# of strips]

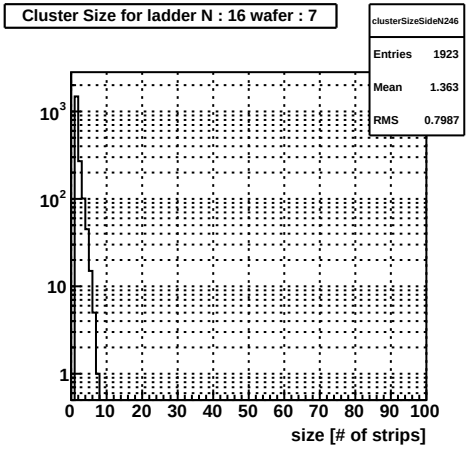

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1625
Mean 1.246
RMS 0.5897
size [# of strips]

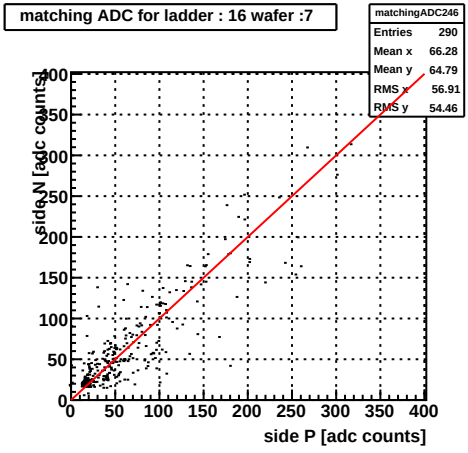

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 442
Mean x 63.79
Mean y 64.18
RMS x 60.32
RMS y 62.21
side N [adc counts]
side P [adc counts]

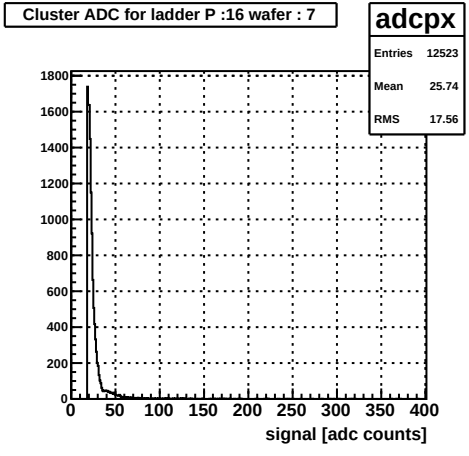

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9970
Mean 26
RMS 21.24
signal [adc counts]

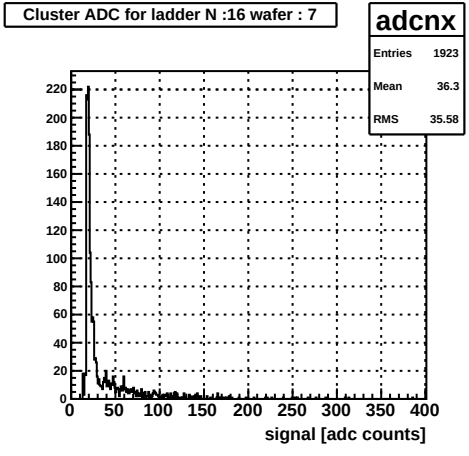

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1625
Mean 37.46
RMS 48.17
signal [adc counts]

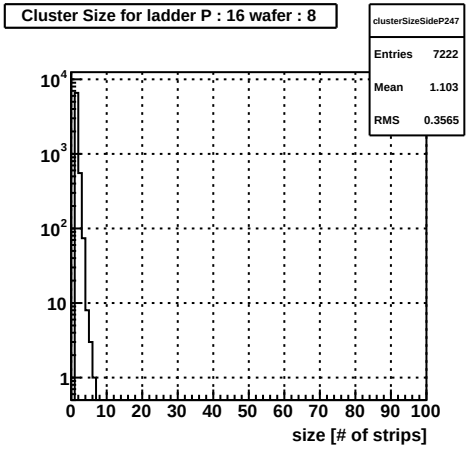

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12523
Mean 1.058
RMS 0.2702
size [# of strips]

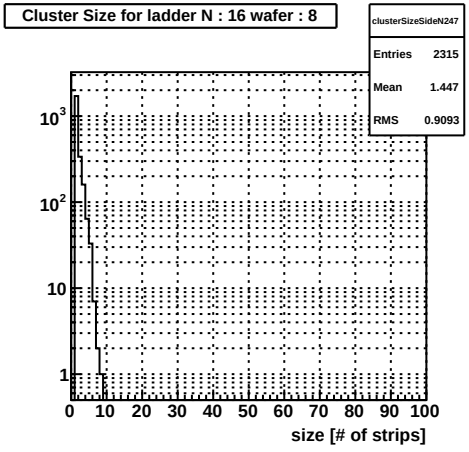

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1923
Mean 1.363
RMS 0.7987
size [# of strips]

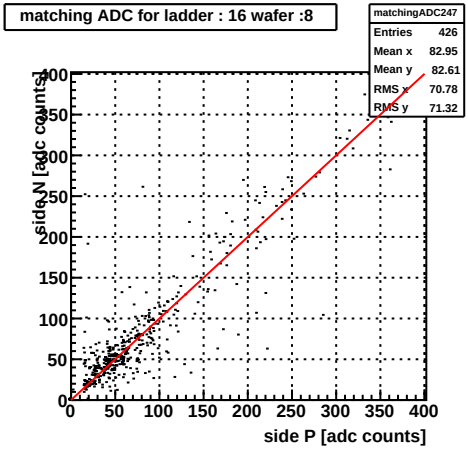

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 290
Mean x 66.28
Mean y 64.79
RMS x 56.91
RMS y 54.46
side N [adc counts]
side P [adc counts]

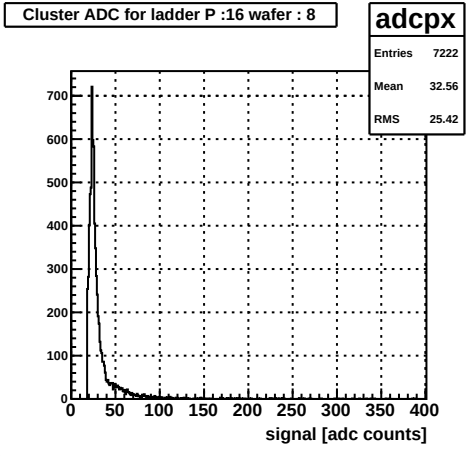

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12523
Mean 25.74
RMS 17.56
signal [adc counts]

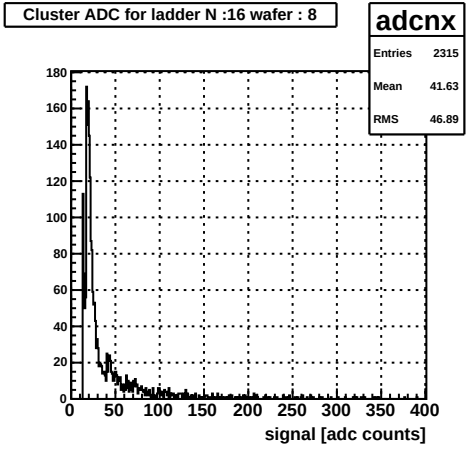

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1923
Mean 36.3
RMS 35.58
signal [adc counts]

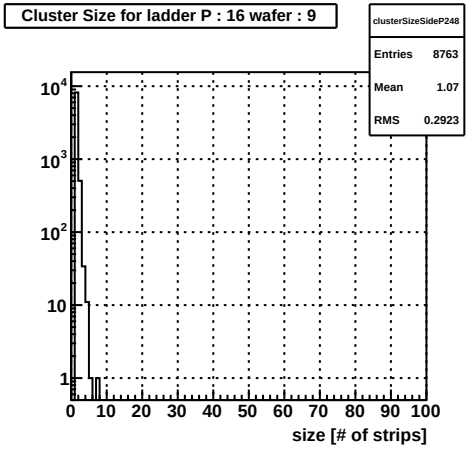

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 7222
Mean 1.103
RMS 0.3565
size [# of strips]

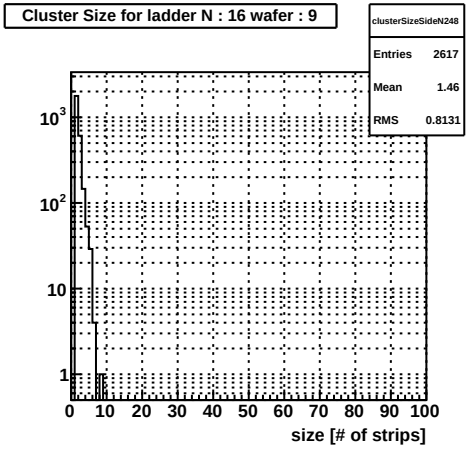

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2315
Mean 1.447
RMS 0.9093
size [# of strips]

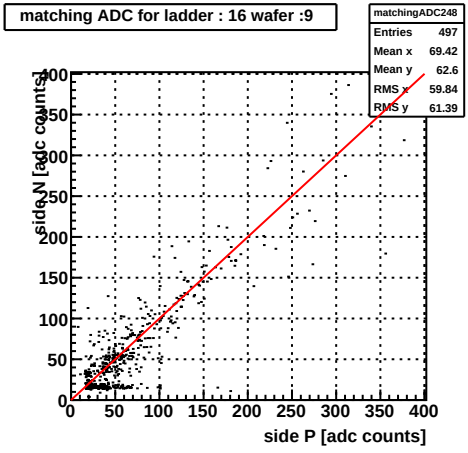

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 426
Mean x 82.95
Mean y 82.61
RMS x 70.78
RMS y 71.32
side N [adc counts]
side P [adc counts]

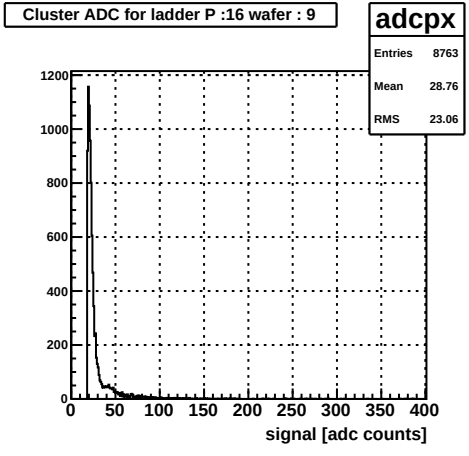

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 7222
Mean 32.56
RMS 25.42
signal [adc counts]

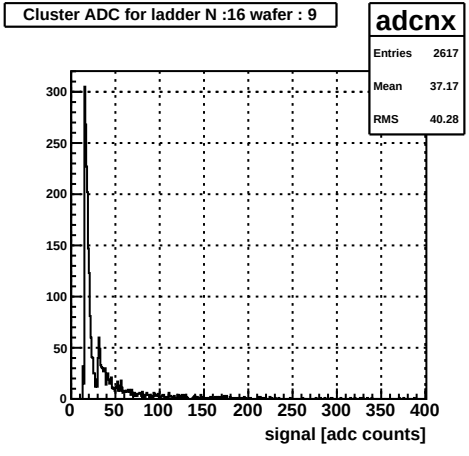

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2315
Mean 41.63
RMS 46.89
signal [adc counts]

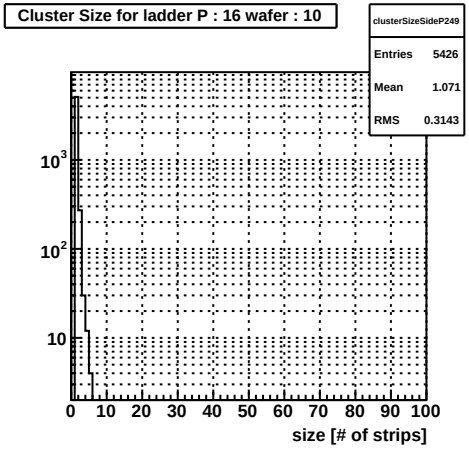

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8763
Mean 1.07
RMS 0.2923
size [# of strips]

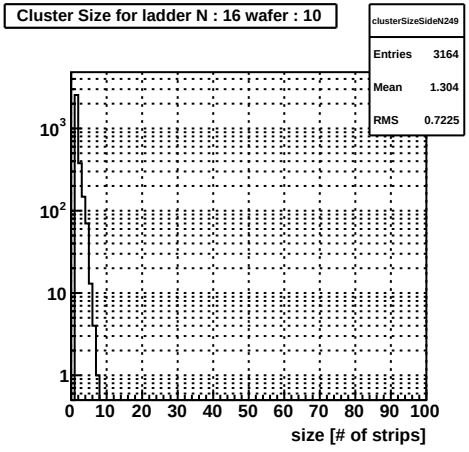

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2617
Mean 1.46
RMS 0.8131
size [# of strips]

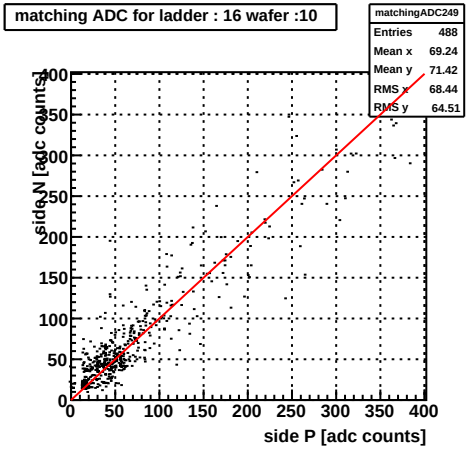

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 497
Mean x 69.42
Mean y 62.6
RMS x 59.84
RMS y 61.39
side N [adc counts]
side P [adc counts]

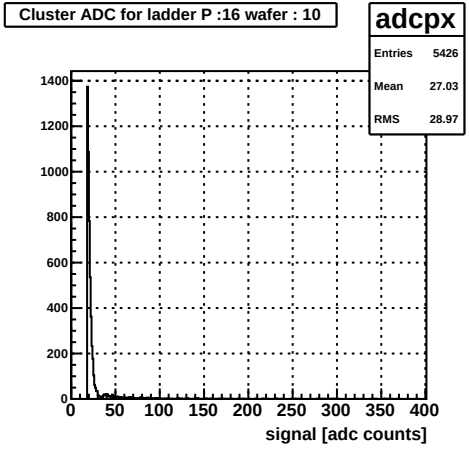

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8763
Mean 28.76
RMS 23.06
signal [adc counts]

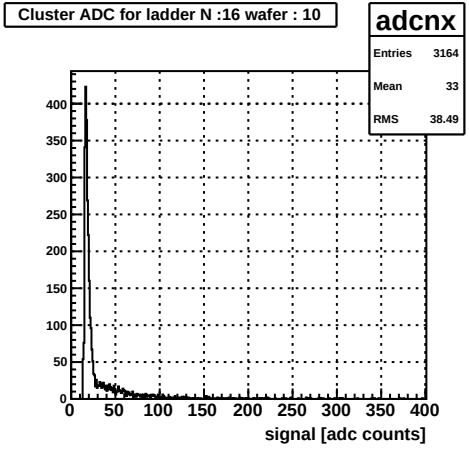

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2617
Mean 37.17
RMS 40.28
signal [adc counts]

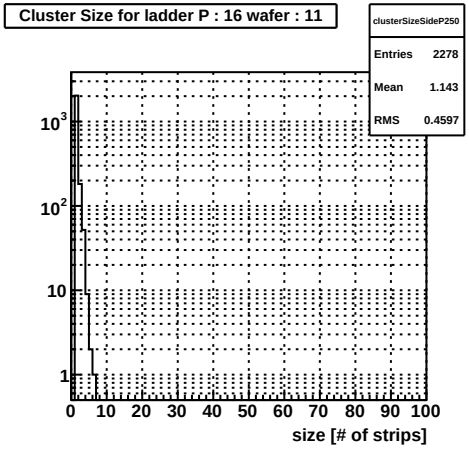

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 5426
Mean 1.071
RMS 0.3143
size [# of strips]

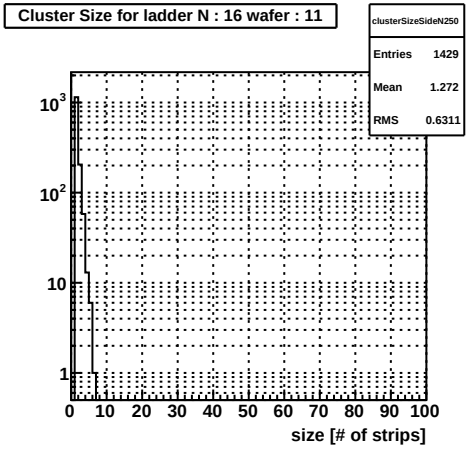

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3164
Mean 1.304
RMS 0.7225
size [# of strips]

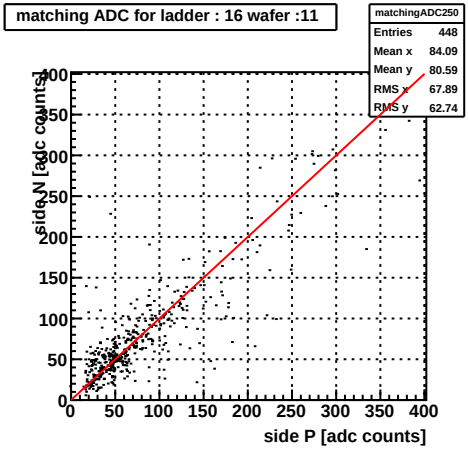

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 488
Mean x 69.24
Mean y 71.42
RMS x 68.44
RMS y 64.51
side N [adc counts]
side P [adc counts]

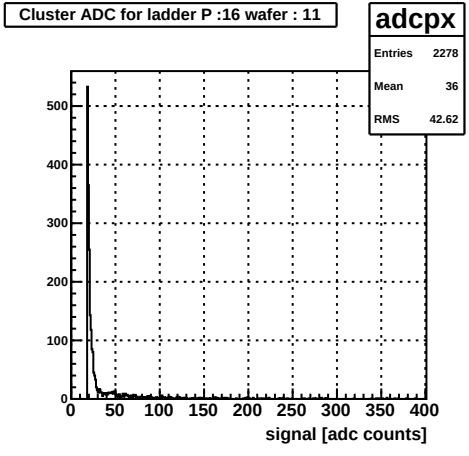

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 5426
Mean 27.03
RMS 28.97
signal [adc counts]

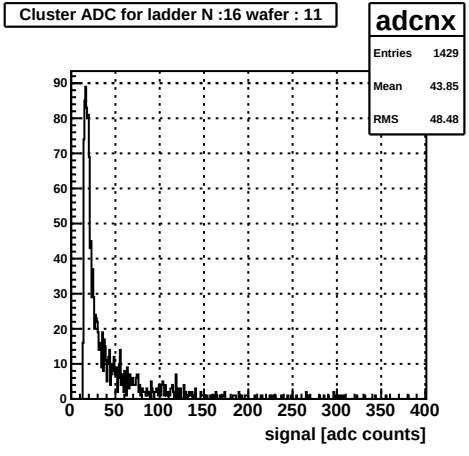

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3164
Mean 33
RMS 38.49
signal [adc counts]

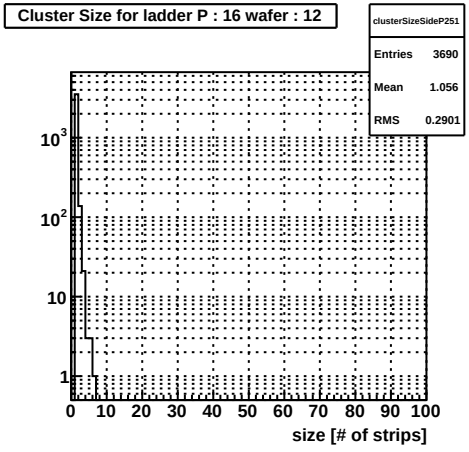

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2278
Mean 1.143
RMS 0.4597
size [# of strips]

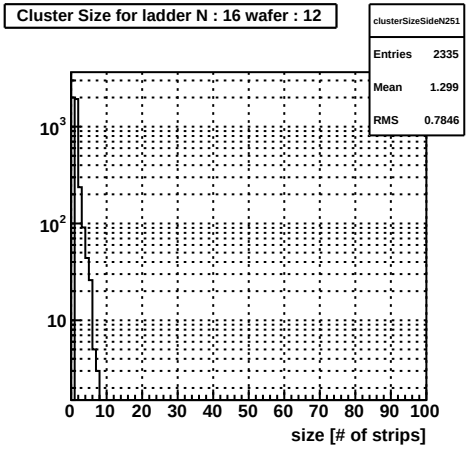

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1429
Mean 1.272
RMS 0.6311
size [# of strips]

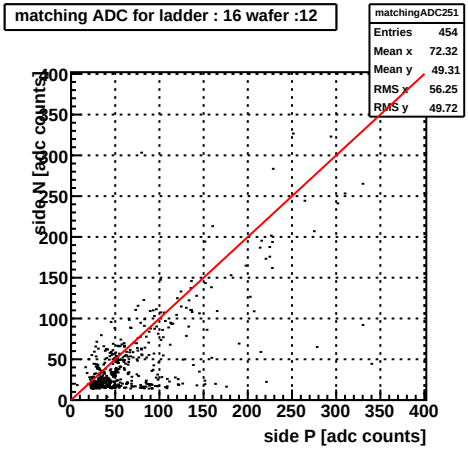

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 448
Mean x 84.09
Mean y 80.59
RMS x 67.89
RMS y 62.74
side N [adc counts]
side P [adc counts]

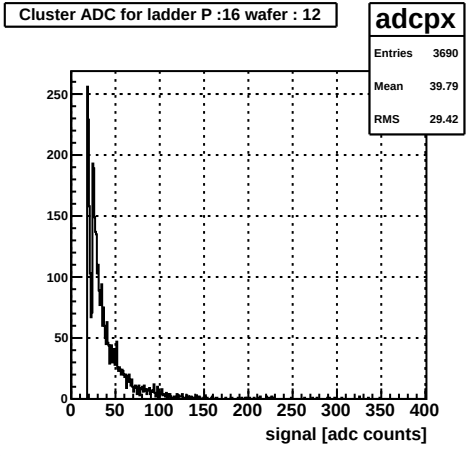

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2278
Mean 36
RMS 42.62
signal [adc counts]

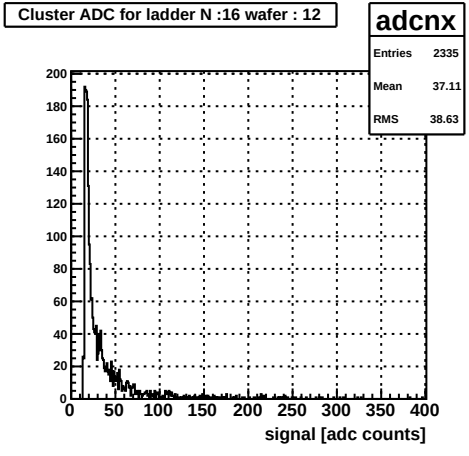

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1429
Mean 43.85
RMS 48.48
signal [adc counts]

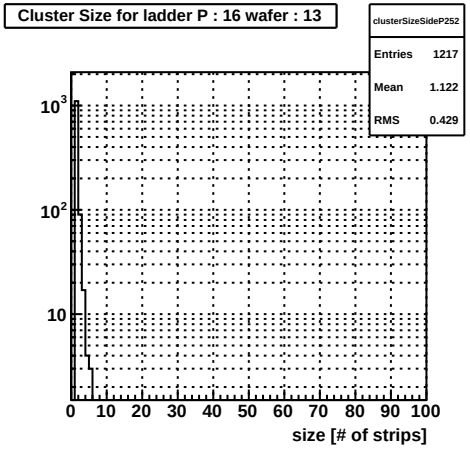

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3690
Mean 1.056
RMS 0.2901
size [# of strips]

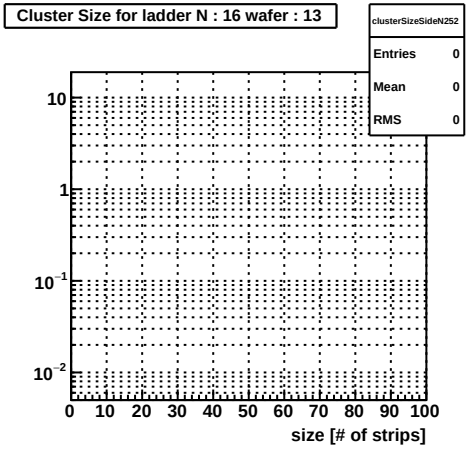

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2335
Mean 1.299
RMS 0.7846
size [# of strips]

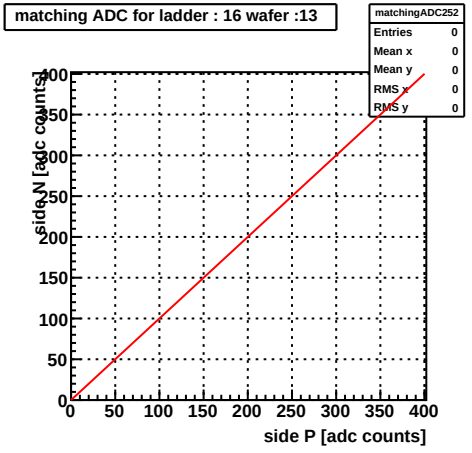

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 454
Mean x 72.32
Mean y 49.31
RMS x 56.25
RMS y 49.72
side N [adc counts]
side P [adc counts]

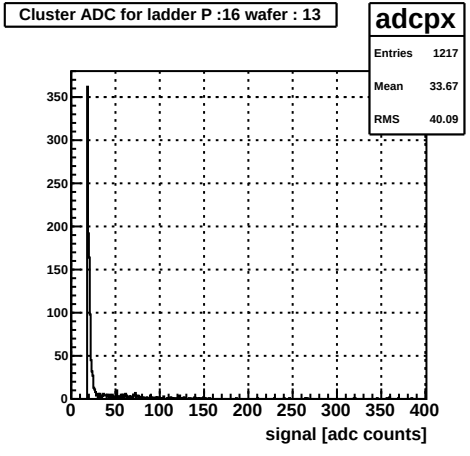

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3690
Mean 39.79
RMS 29.42
signal [adc counts]

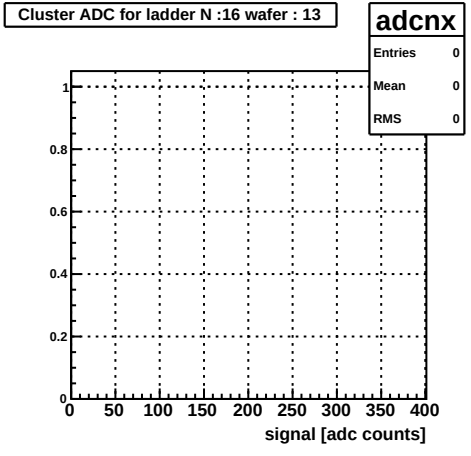

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2335
Mean 37.11
RMS 38.63
signal [adc counts]

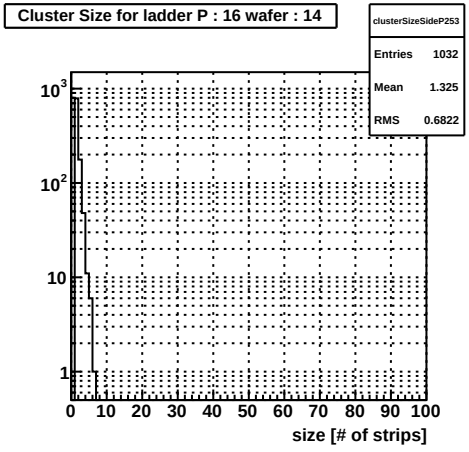

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1217
Mean 1.122
RMS 0.429
size [# of strips]

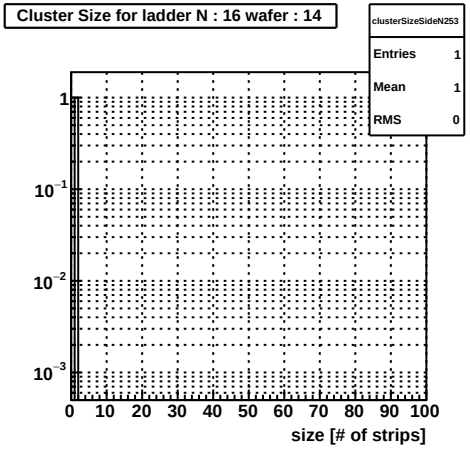

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

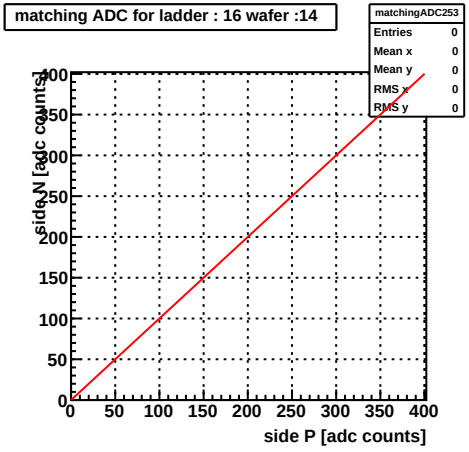

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

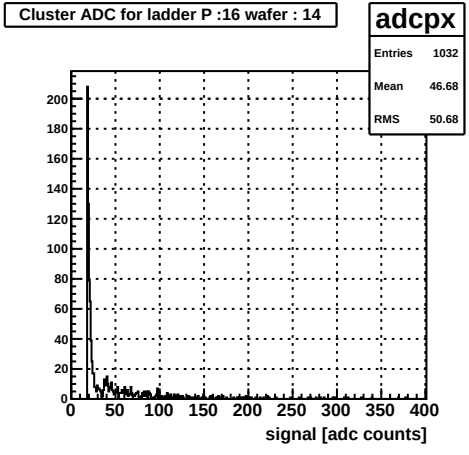

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1217
Mean 33.67
RMS 40.09
signal [adc counts]

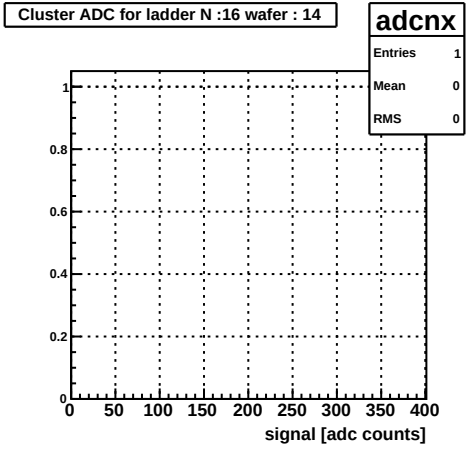

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

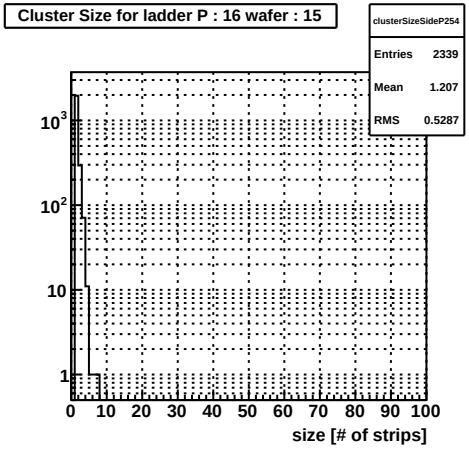

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1032
Mean 1.325
RMS 0.6822
size [# of strips]

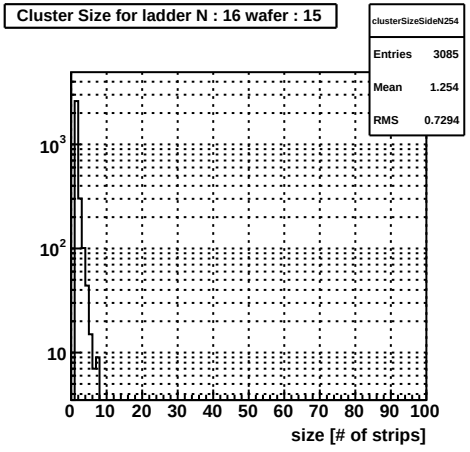

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

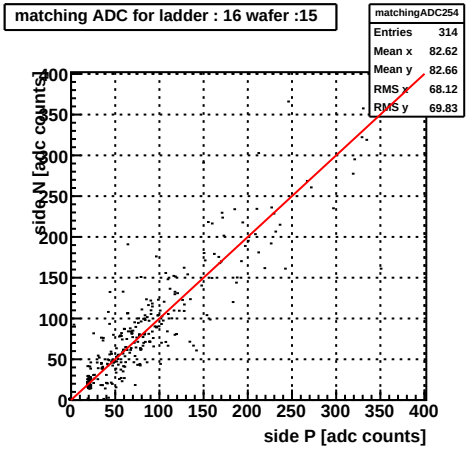

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

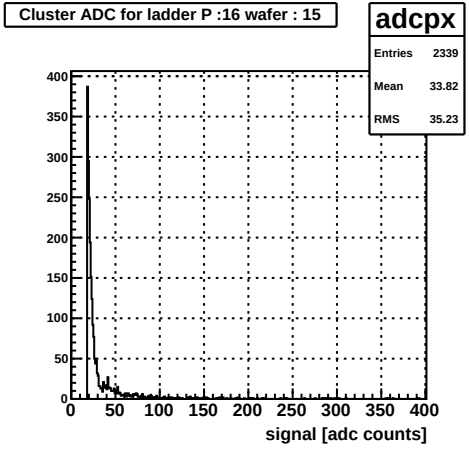

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1032
Mean 46.68
RMS 50.68
signal [adc counts]

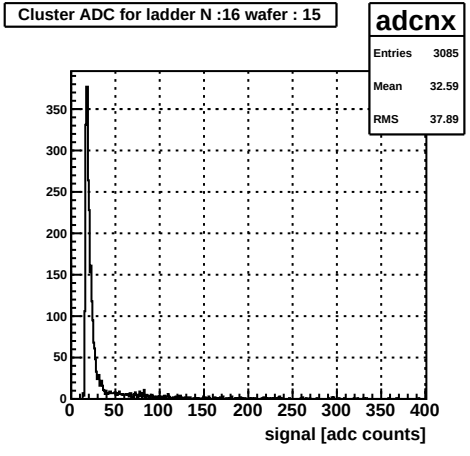

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

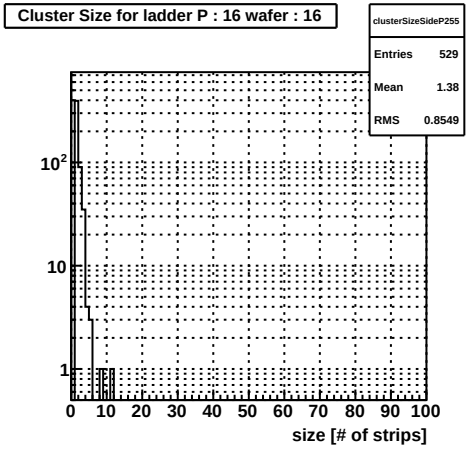

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2339
Mean 1.207
RMS 0.5287
size [# of strips]

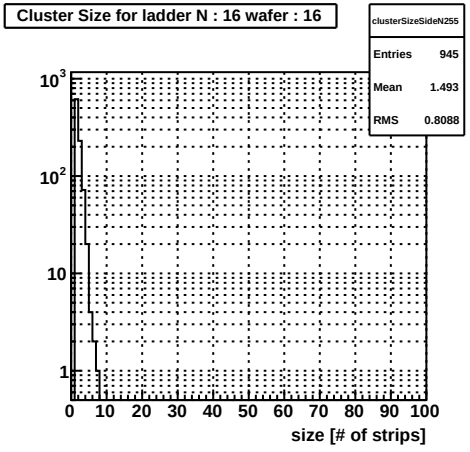

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3085
Mean 1.254
RMS 0.7294
size [# of strips]

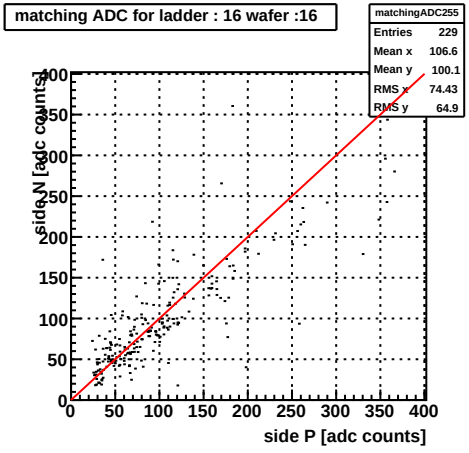

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 314
Mean x 82.62
Mean y 82.66
RMS x 68.12
RMS y 69.83
side N [adc counts]
side P [adc counts]

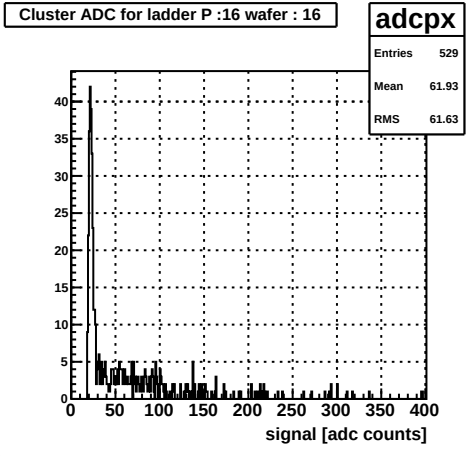

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2339
Mean 33.82
RMS 35.23
signal [adc counts]

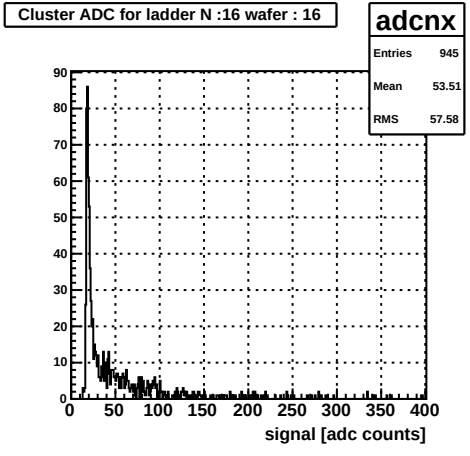

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3085
Mean 32.59
RMS 37.89
signal [adc counts]

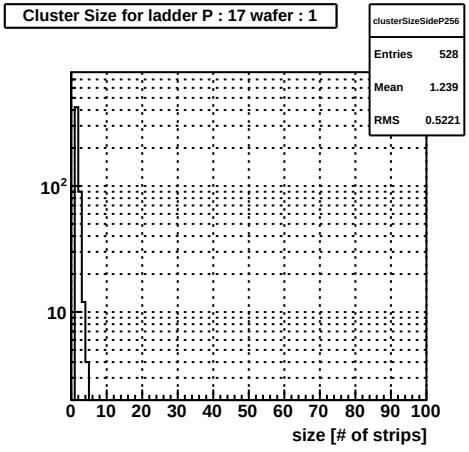

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 529
Mean 1.38
RMS 0.8549
size [# of strips]

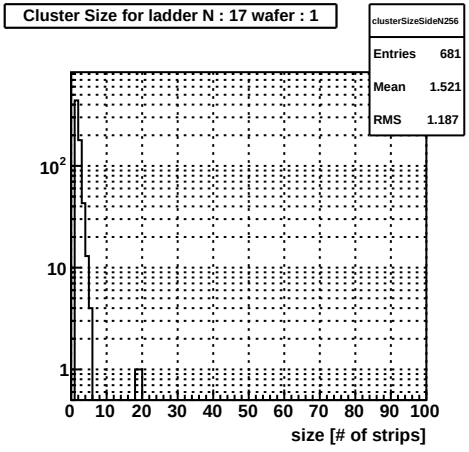

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 945
Mean 1.493
RMS 0.8088
size [# of strips]

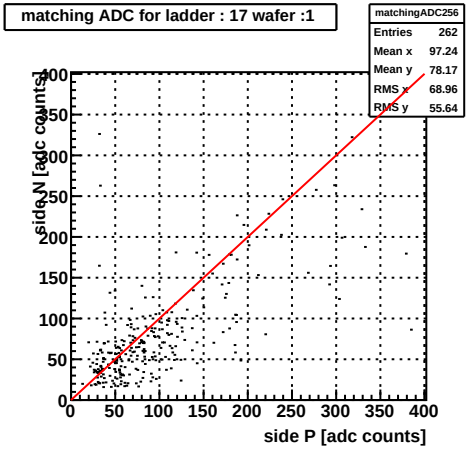

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 229
Mean x 106.6
Mean y 100.1
RMS x 74.43
RMS y 64.9
side N [adc counts]
side P [adc counts]

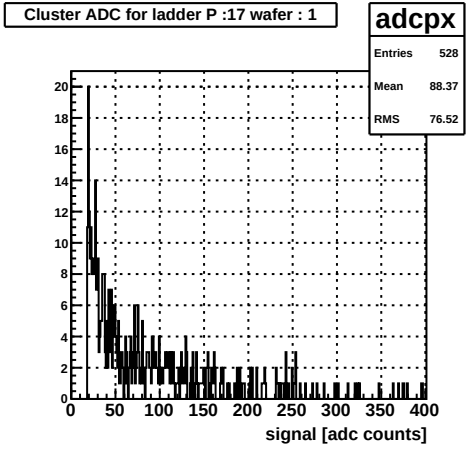

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 529
Mean 61.93
RMS 61.63
signal [adc counts]

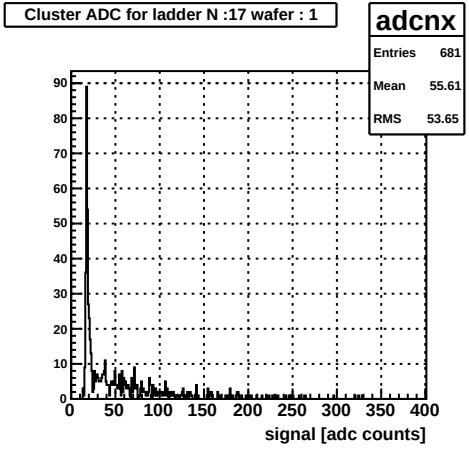

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 945
Mean 53.51
RMS 57.58
signal [adc counts]

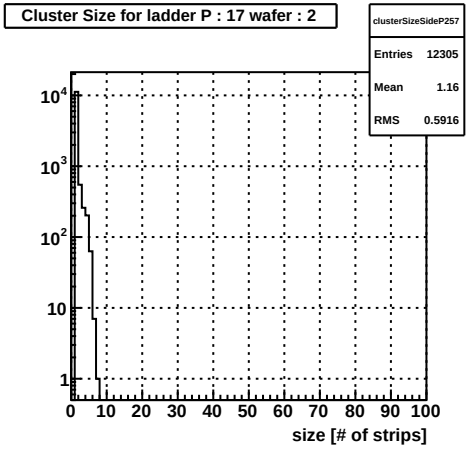

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 528
Mean 1.239
RMS 0.5221
size [# of strips]

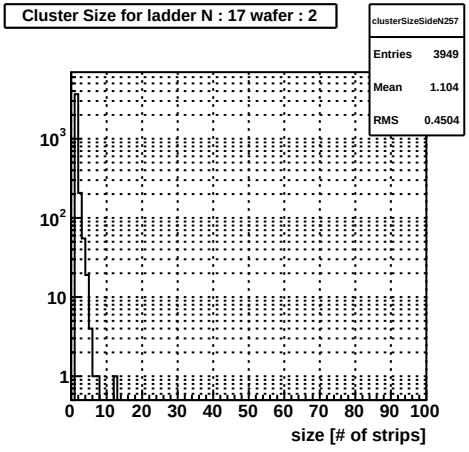

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 681
Mean 1.521
RMS 1.187
size [# of strips]

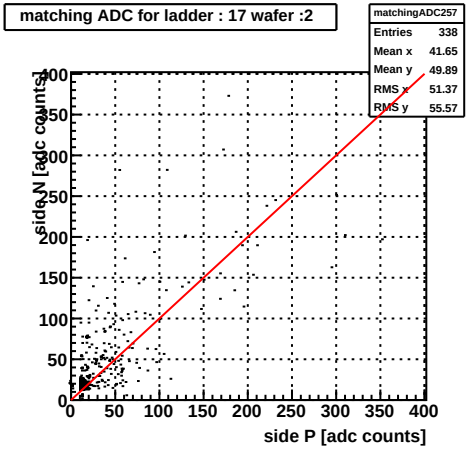

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 262
Mean x 97.24
Mean y 78.17
RMS x 68.96
RMS y 55.64
side N [adc counts]
side P [adc counts]

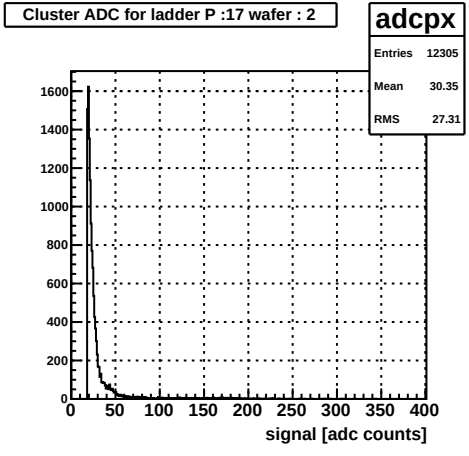

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 528
Mean 88.37
RMS 76.52
signal [adc counts]

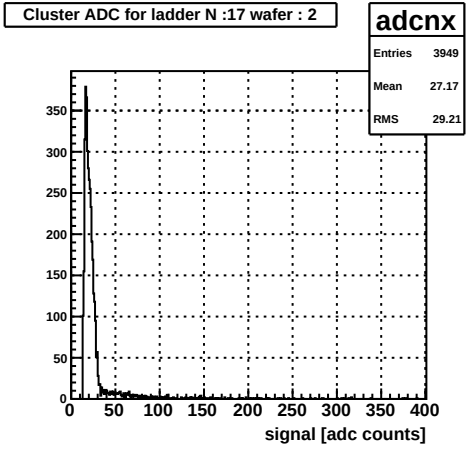

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 681
Mean 55.61
RMS 53.65
signal [adc counts]

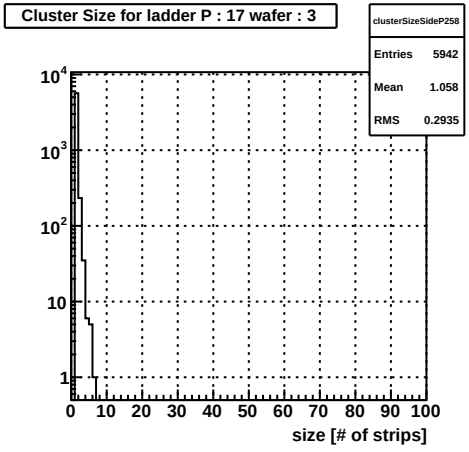

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 12305
Mean 1.16
RMS 0.5916
size [# of strips]

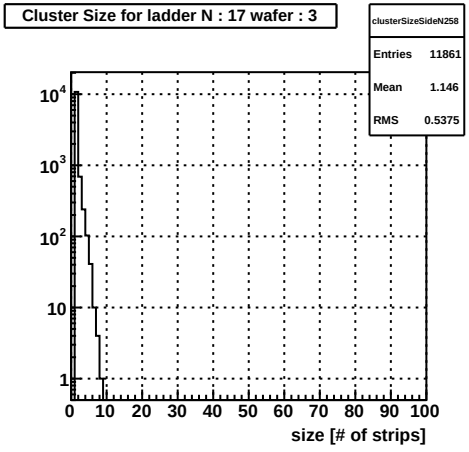

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3949
Mean 1.104
RMS 0.4504
size [# of strips]

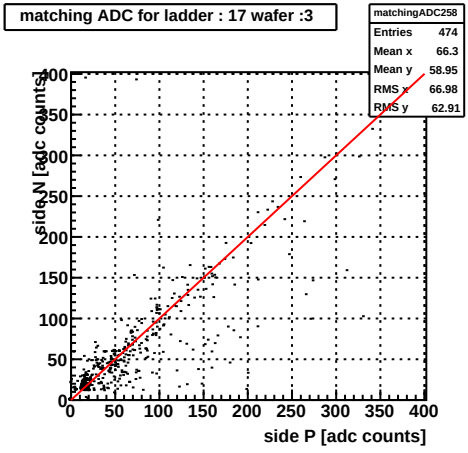

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 338
Mean x 41.65
Mean y 49.89
RMS x 51.37
RMS y 55.57
side N [adc counts]
side P [adc counts]

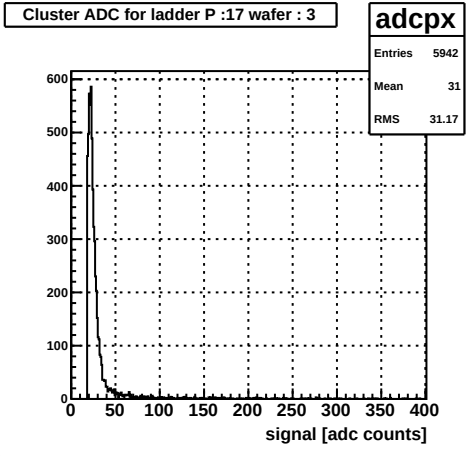

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 12305
Mean 30.35
RMS 27.31
signal [adc counts]

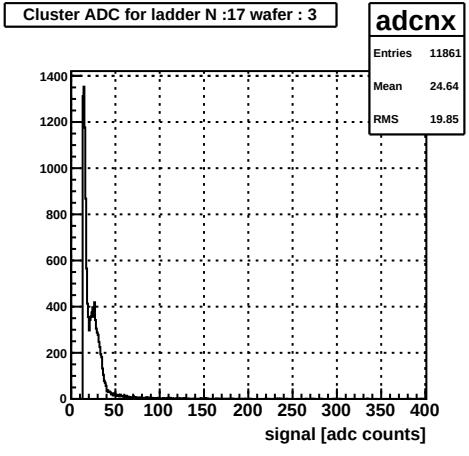

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3949
Mean 27.17
RMS 29.21
signal [adc counts]

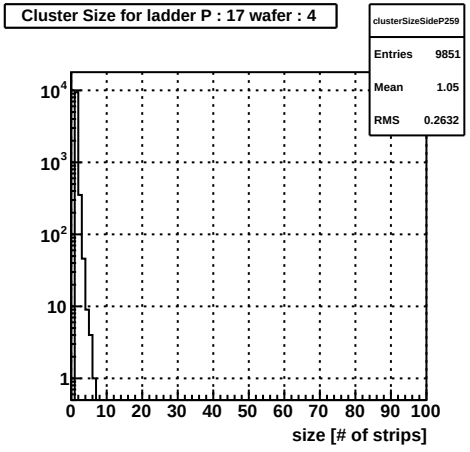

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5942
Mean 1.058
RMS 0.2935
size [# of strips]

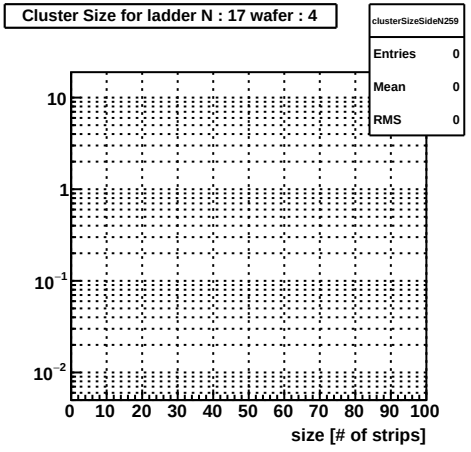

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 11861
Mean 1.146
RMS 0.5375
size [# of strips]

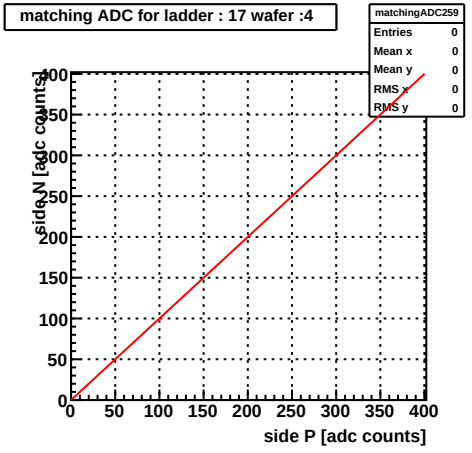

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 474
Mean x 66.3
Mean y 58.95
RMS x 66.98
RMS y 62.91
side N [adc counts]
side P [adc counts]

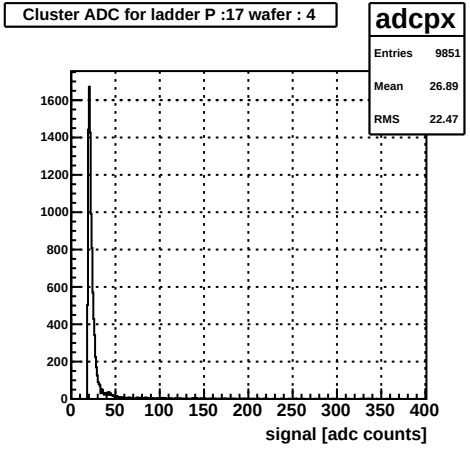

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5942
Mean 31
RMS 31.17
signal [adc counts]

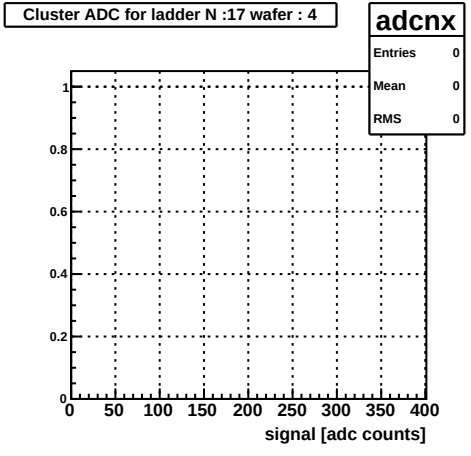

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 11861
Mean 24.64
RMS 19.85
signal [adc counts]

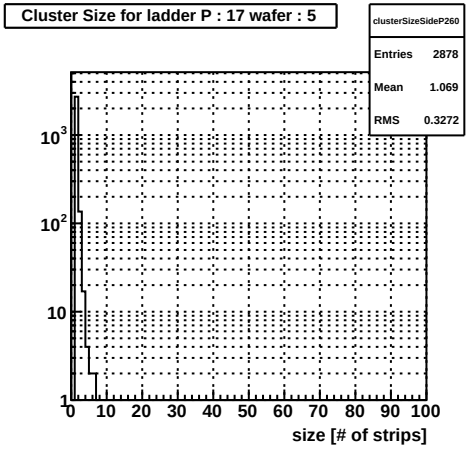

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9851
Mean 1.05
RMS 0.2632
size [# of strips]

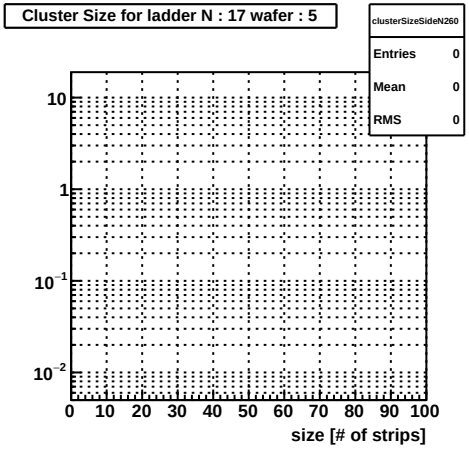

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

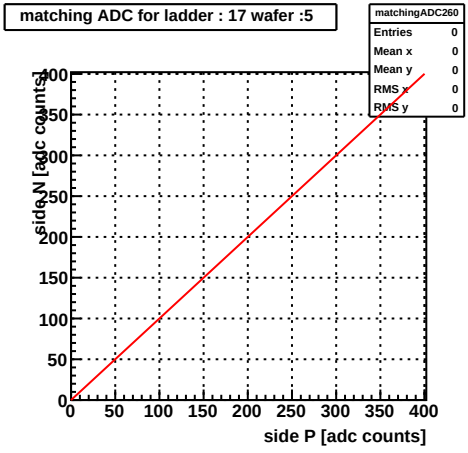

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

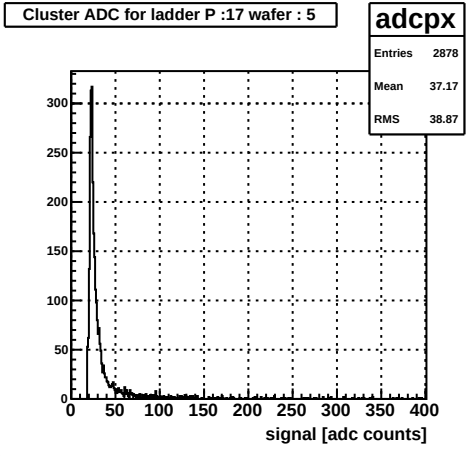

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9851
Mean 26.89
RMS 22.47
signal [adc counts]

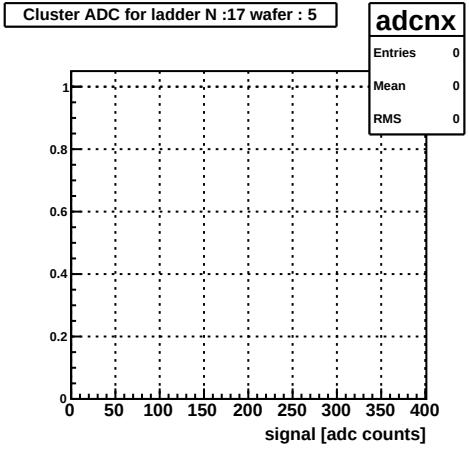

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

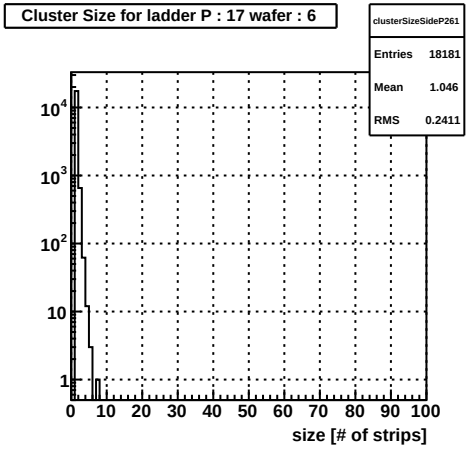

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2878
Mean 1.069
RMS 0.3272
size [# of strips]

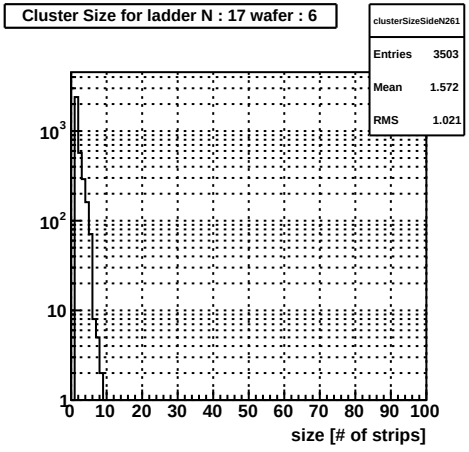

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

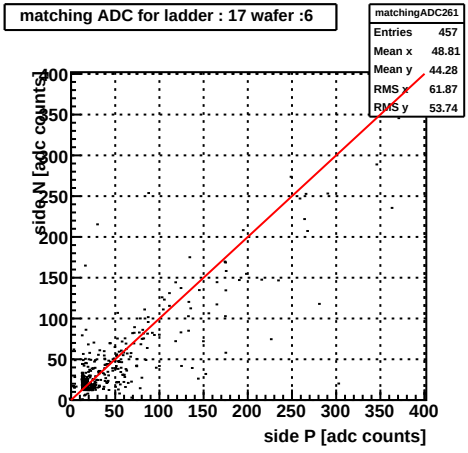

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

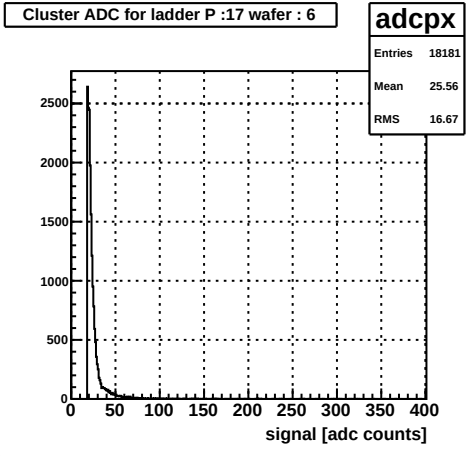

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2878
Mean 37.17
RMS 38.87
signal [adc counts]

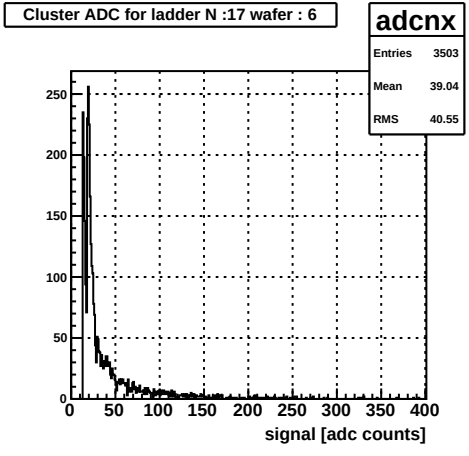

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

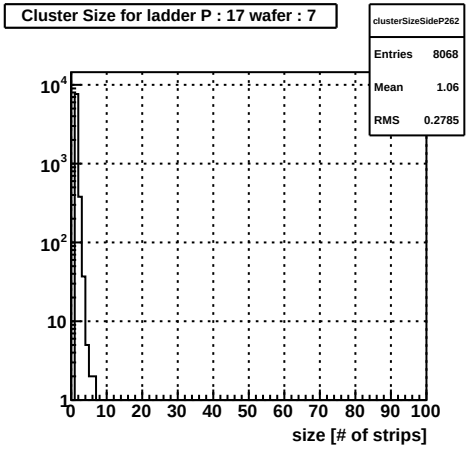

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 18181
Mean 1.046
RMS 0.2411
size [# of strips]

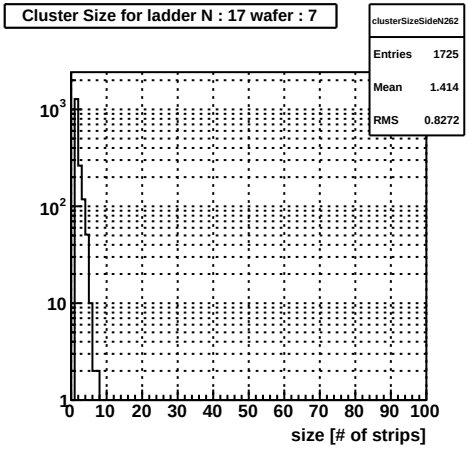

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3503
Mean 1.572
RMS 1.021
size [# of strips]

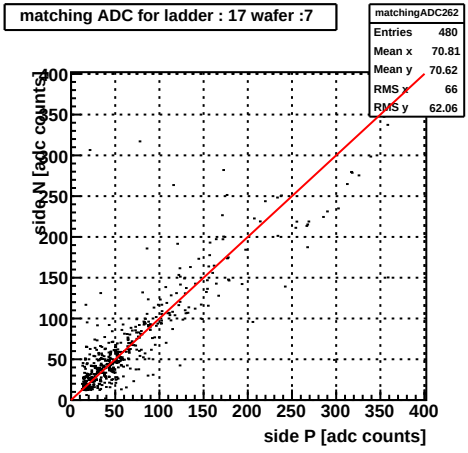

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 457
Mean x 48.81
Mean y 44.28
RMS x 61.87
RMS y 53.74
side N [adc counts]
side P [adc counts]

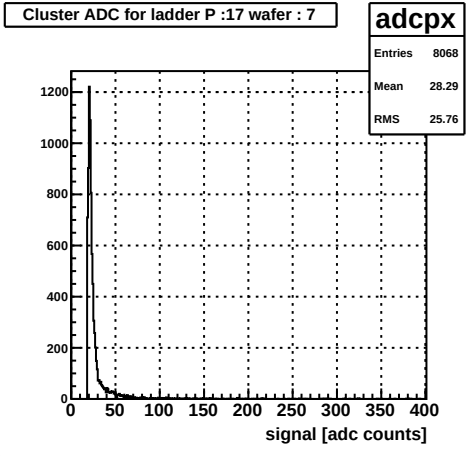

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 18181
Mean 25.56
RMS 16.67
signal [adc counts]

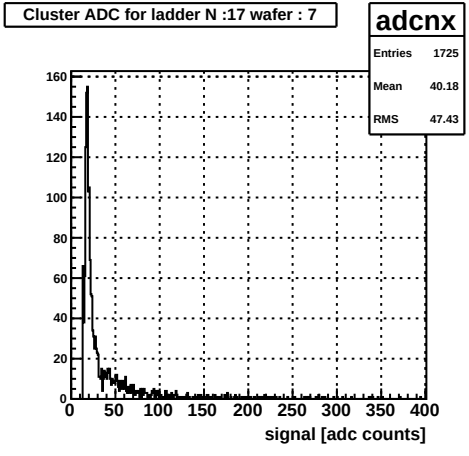

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3503
Mean 39.04
RMS 40.55
signal [adc counts]

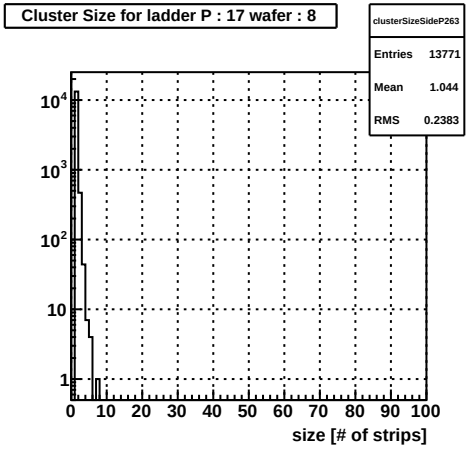

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 8068
Mean 1.06
RMS 0.2785
size [# of strips]

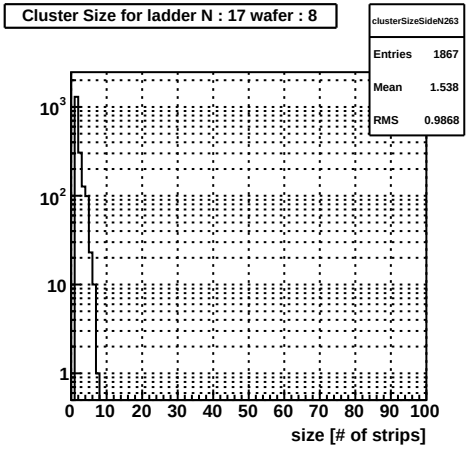

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1725
Mean 1.414
RMS 0.8272
size [# of strips]

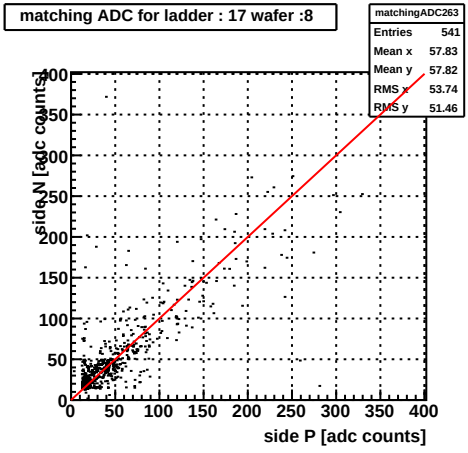

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 480
Mean x 70.81
Mean y 70.62
RMS x 66
RMS y 62.06
side N [adc counts]
side P [adc counts]

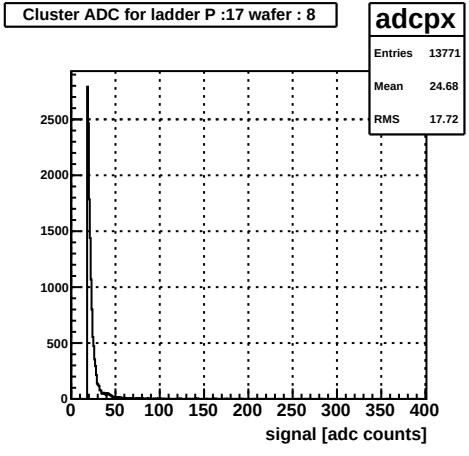

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 8068
Mean 28.29
RMS 25.76
signal [adc counts]

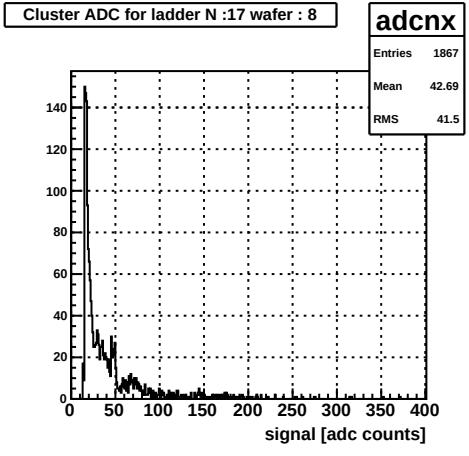

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1725
Mean 40.18
RMS 47.43
signal [adc counts]

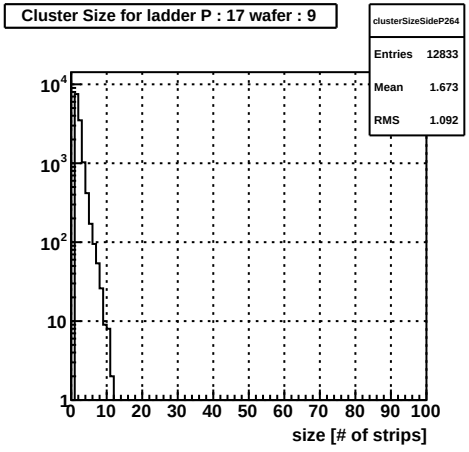

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13771
Mean 1.044
RMS 0.2383
size [# of strips]

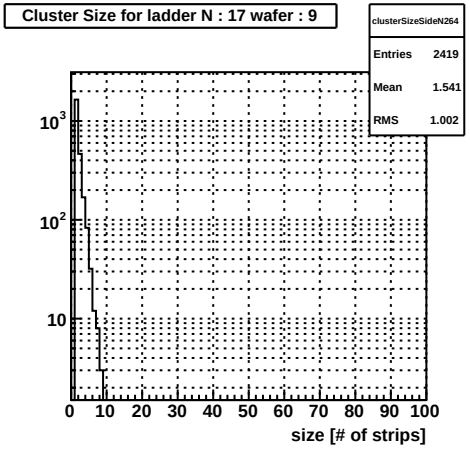

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1867
Mean 1.538
RMS 0.9868
size [# of strips]

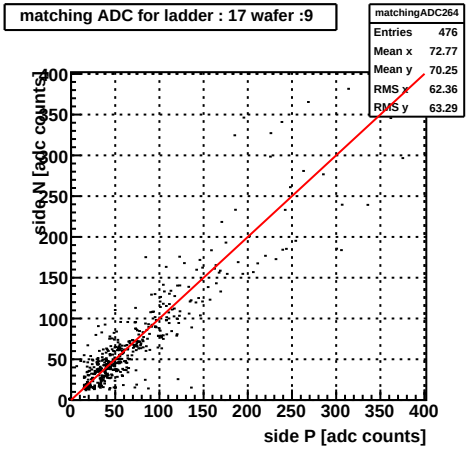

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 541
Mean x 57.83
Mean y 57.82
RMS x 53.74
RMS y 51.46
side N [adc counts]
side P [adc counts]

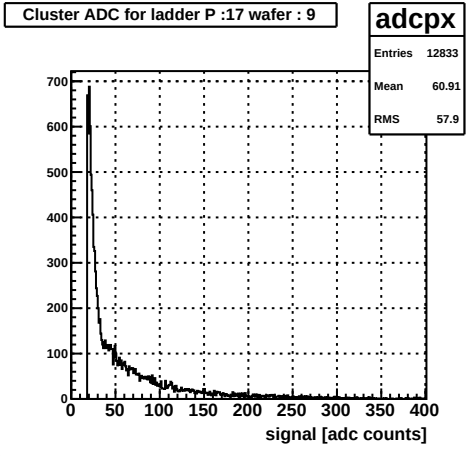

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13771
Mean 24.68
RMS 17.72
signal [adc counts]

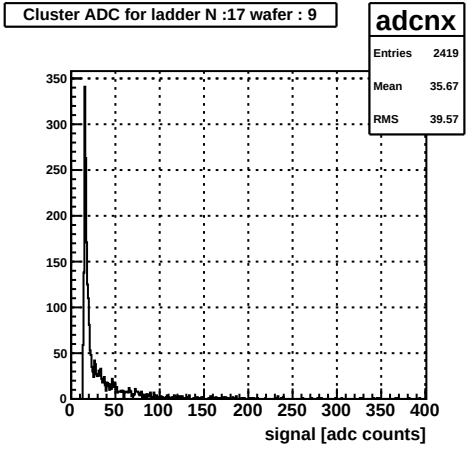

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1867
Mean 42.69
RMS 41.5
signal [adc counts]

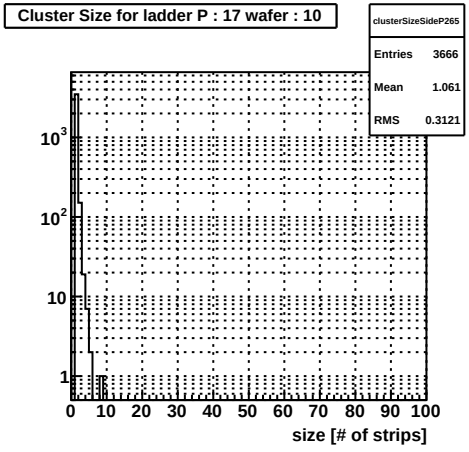

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 12833
Mean 1.673
RMS 1.092
size [# of strips]

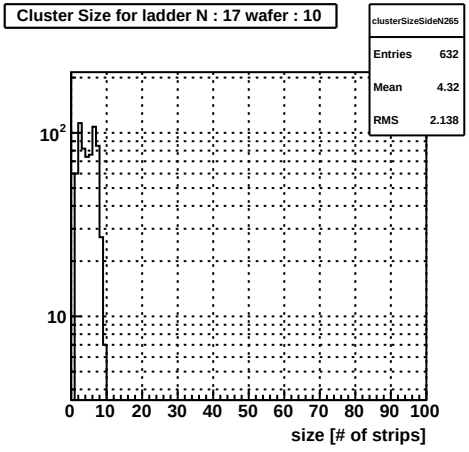

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2419
Mean 1.541
RMS 1.002
size [# of strips]

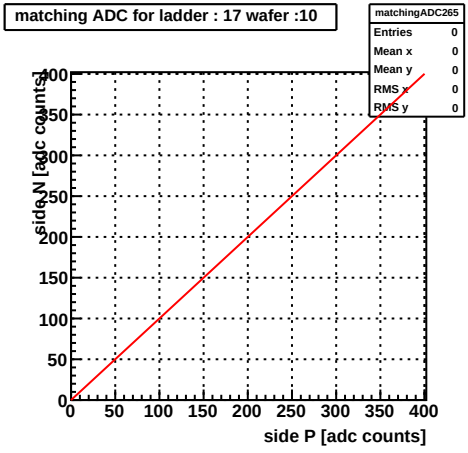

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 476
Mean x 72.77
Mean y 70.25
RMS x 62.36
RMS y 63.29
side N [adc counts]
side P [adc counts]

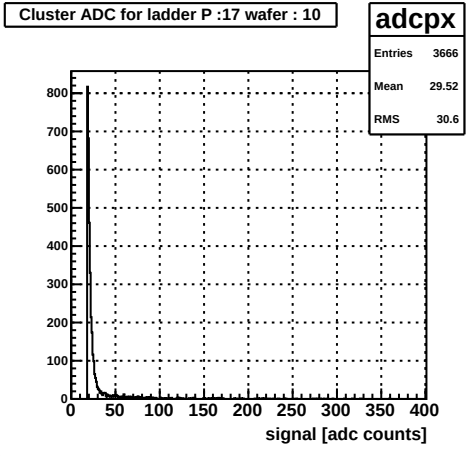

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 12833
Mean 60.91
RMS 57.9
signal [adc counts]

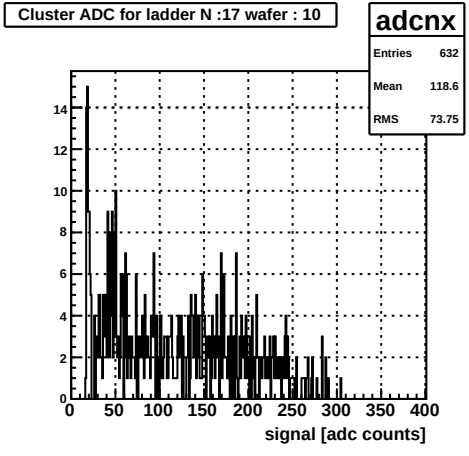

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2419
Mean 35.67
RMS 39.57
signal [adc counts]

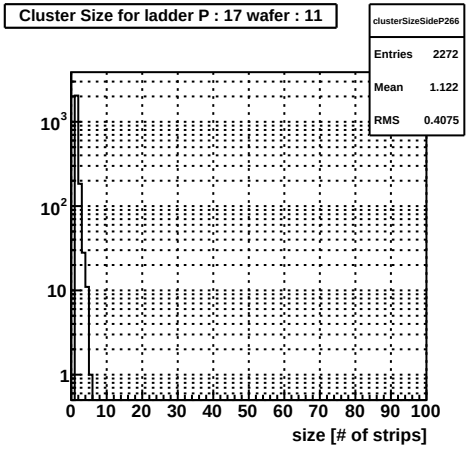

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3666
Mean 1.061
RMS 0.3121
size [# of strips]

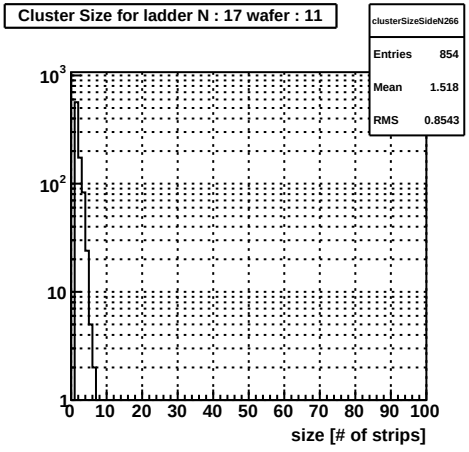

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 632
Mean 4.32
RMS 2.138
size [# of strips]

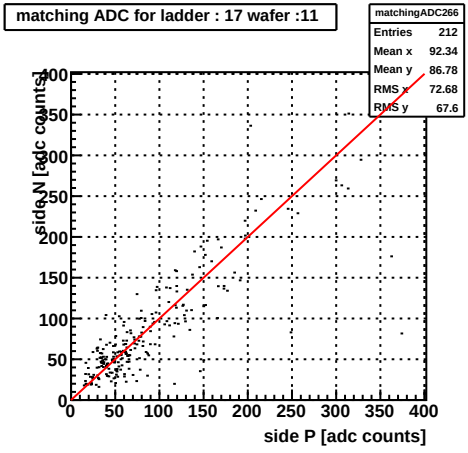

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

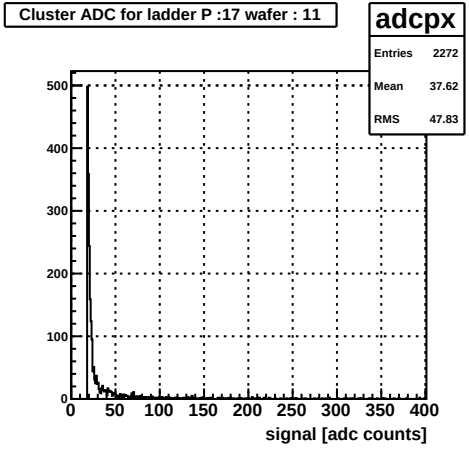

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3666
Mean 29.52
RMS 30.6
signal [adc counts]

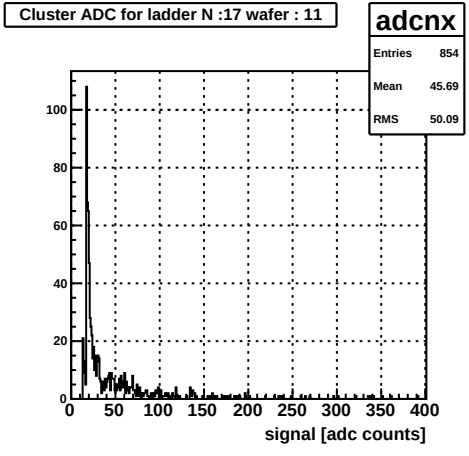

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 632
Mean 118.6
RMS 73.75
signal [adc counts]

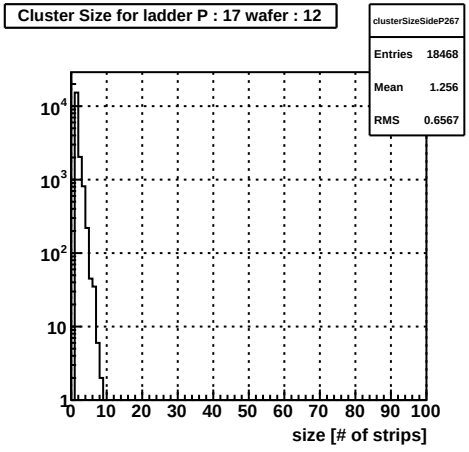

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2272
Mean 1.122
RMS 0.4075
size [# of strips]

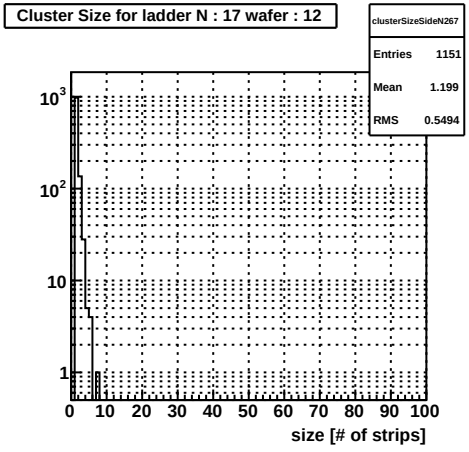

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 854
Mean 1.518
RMS 0.8543
size [# of strips]

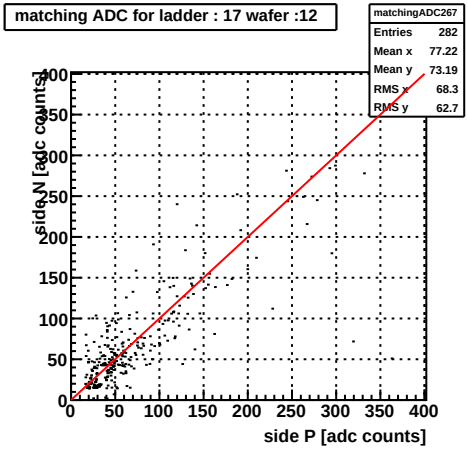

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 212
Mean x 92.34
Mean y 86.78
RMS x 72.68
RMS y 67.6
side N [adc counts]
side P [adc counts]

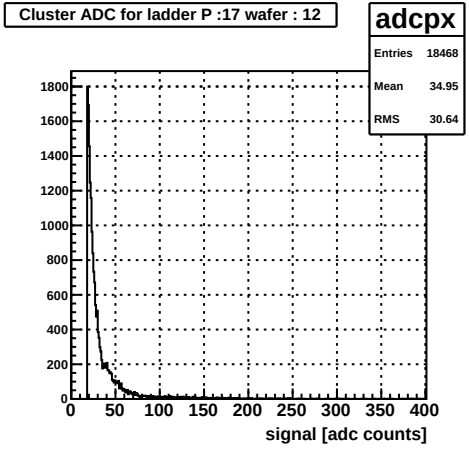

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2272
Mean 37.62
RMS 47.83
signal [adc counts]

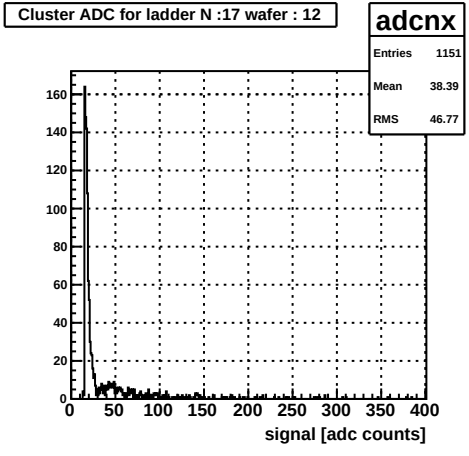

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 854
Mean 45.69
RMS 50.09
signal [adc counts]

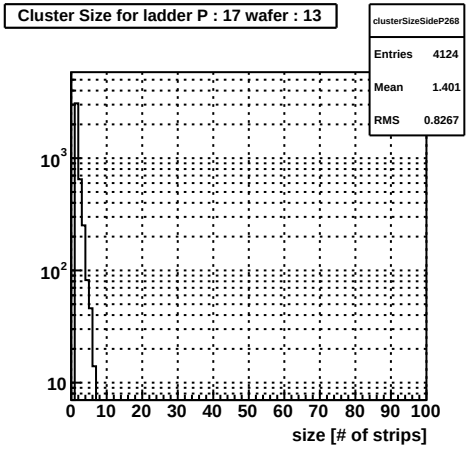

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 18468
Mean 1.256
RMS 0.6567
size [# of strips]

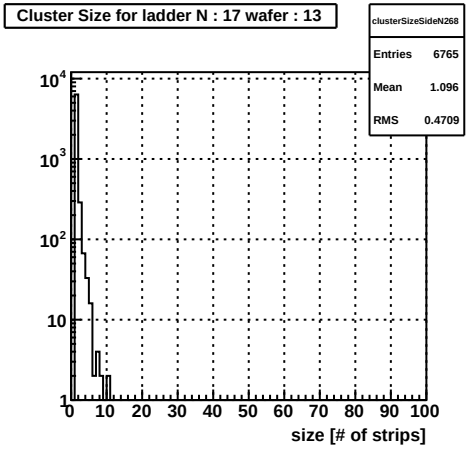

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1151
Mean 1.199
RMS 0.5494
size [# of strips]

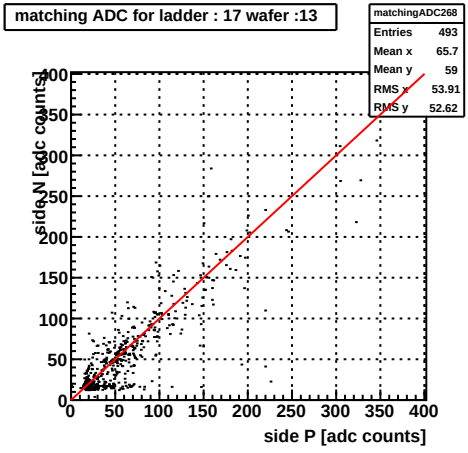

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 282
Mean x 77.22
Mean y 73.19
RMS x 68.3
RMS y 62.7
side N [adc counts]
side P [adc counts]

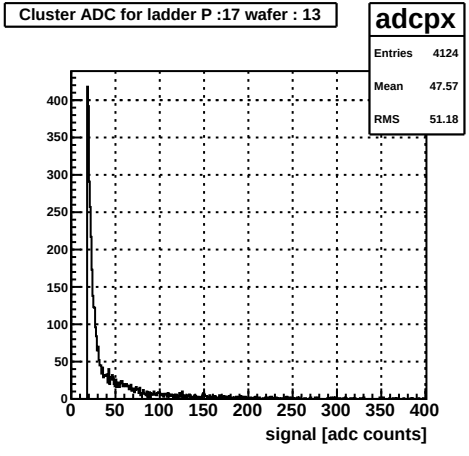

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 18468
Mean 34.95
RMS 30.64
signal [adc counts]

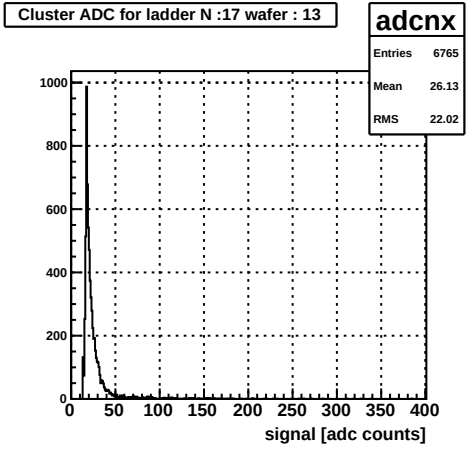

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1151
Mean 38.39
RMS 46.77
signal [adc counts]

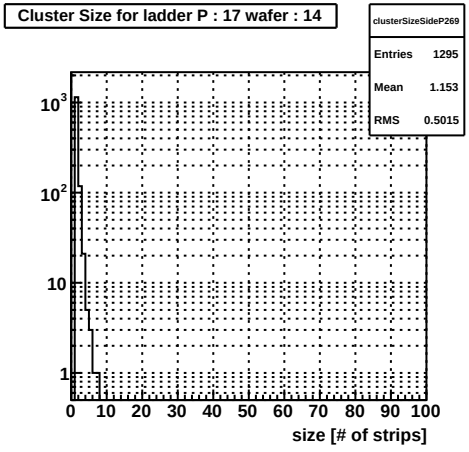

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 4124
Mean 1.401
RMS 0.8267
size [# of strips]

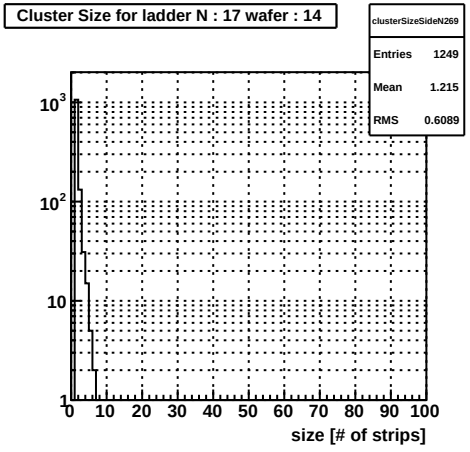

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6765
Mean 1.096
RMS 0.4709
size [# of strips]

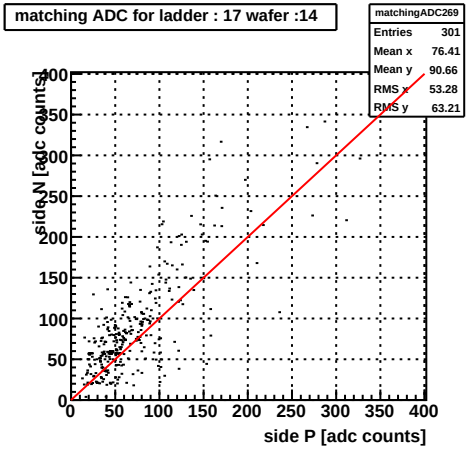

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 493
Mean x 65.7
Mean y 59
RMS x 53.91
RMS y 52.62
side N [adc counts]
side P [adc counts]

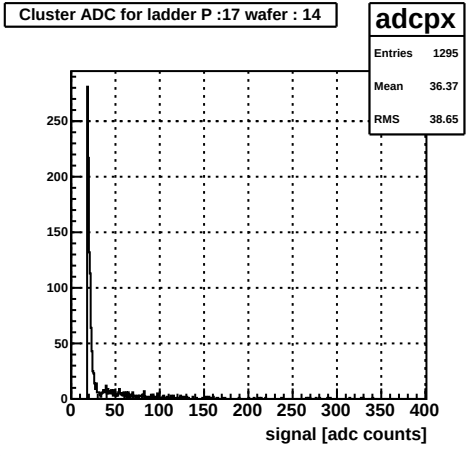

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 4124
Mean 47.57
RMS 51.18
signal [adc counts]

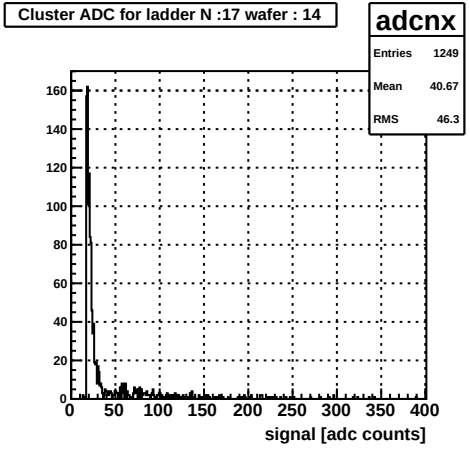

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6765
Mean 26.13
RMS 22.02
signal [adc counts]

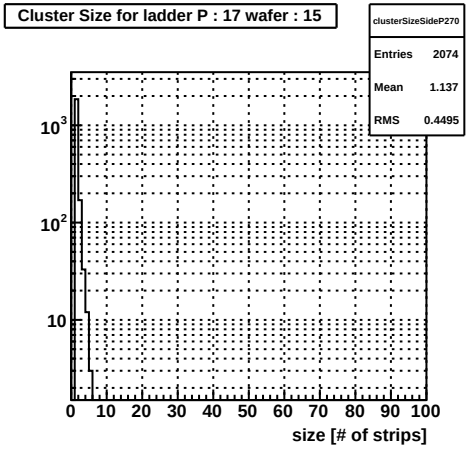

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1295
Mean 1.153
RMS 0.5015
size [# of strips]

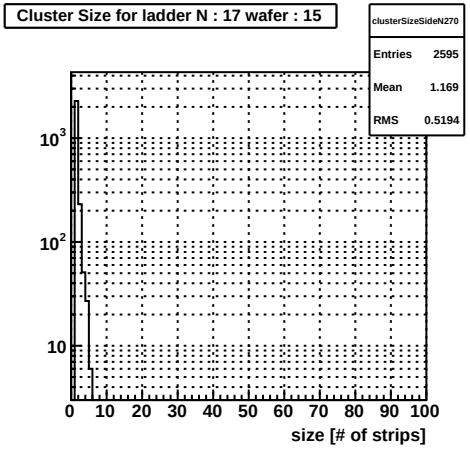

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1249
Mean 1.215
RMS 0.6089
size [# of strips]

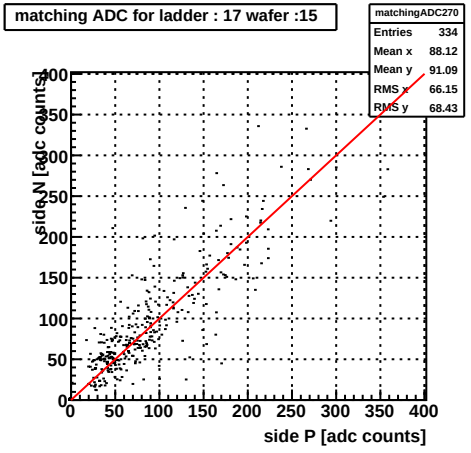

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 301
Mean x 76.41
Mean y 90.66
RMS x 53.28
RMS y 63.21
side N [adc counts]
side P [adc counts]

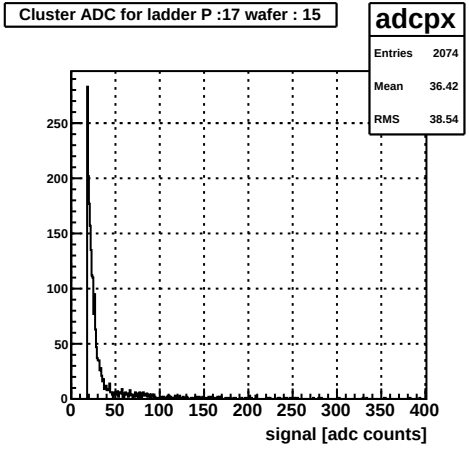

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1295
Mean 36.37
RMS 38.65
signal [adc counts]

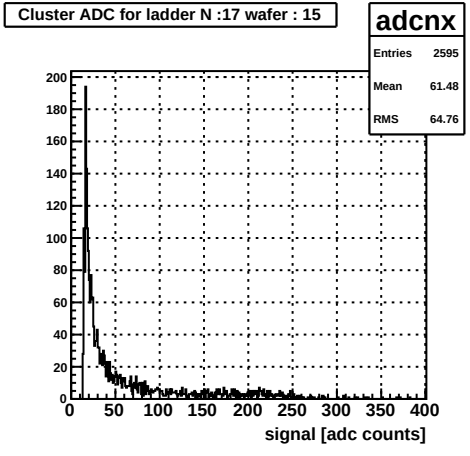

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1249
Mean 40.67
RMS 46.3
signal [adc counts]

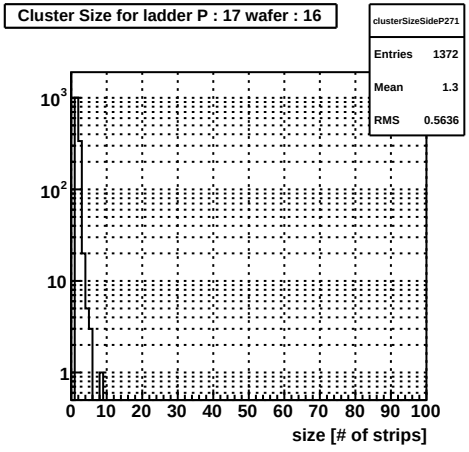

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2074
Mean 1.137
RMS 0.4495
size [# of strips]

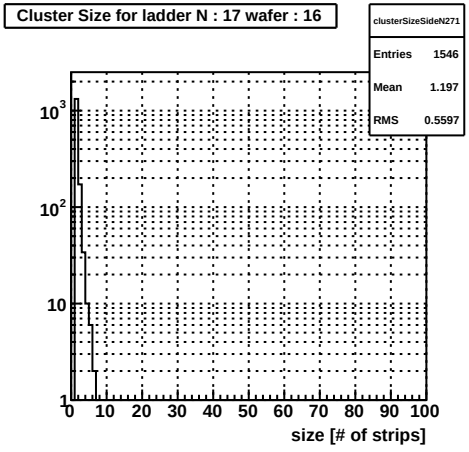

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2595
Mean 1.169
RMS 0.5194
size [# of strips]

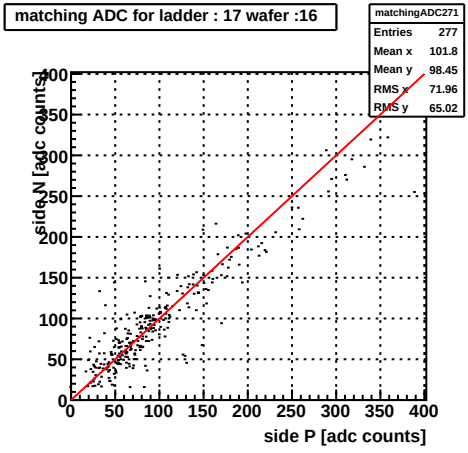

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 334
Mean x 88.12
Mean y 91.09
RMS x 66.15
RMS y 68.43
side N [adc counts]
side P [adc counts]

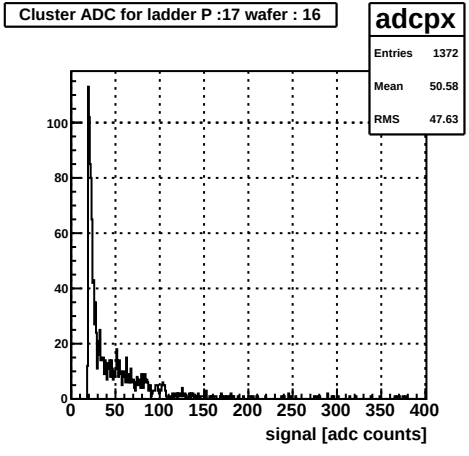

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2074
Mean 36.42
RMS 38.54
signal [adc counts]

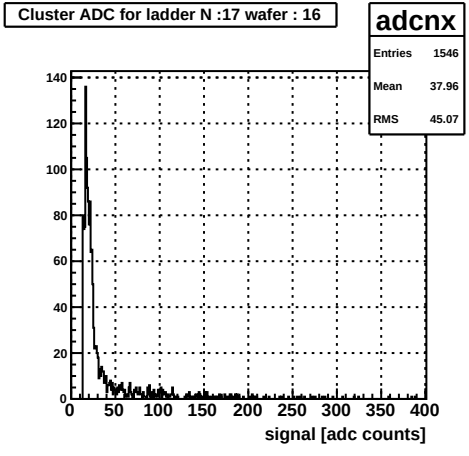

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2595
Mean 61.48
RMS 64.76
signal [adc counts]

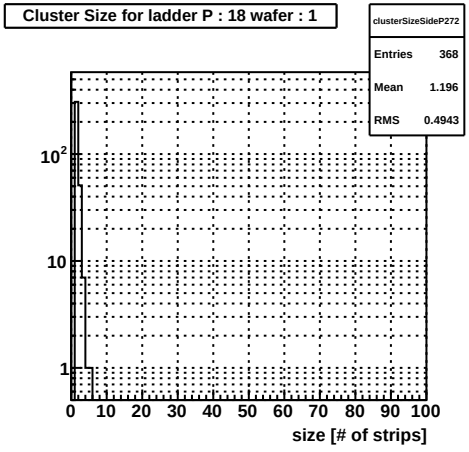

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1372
Mean 1.3
RMS 0.5636
size [# of strips]

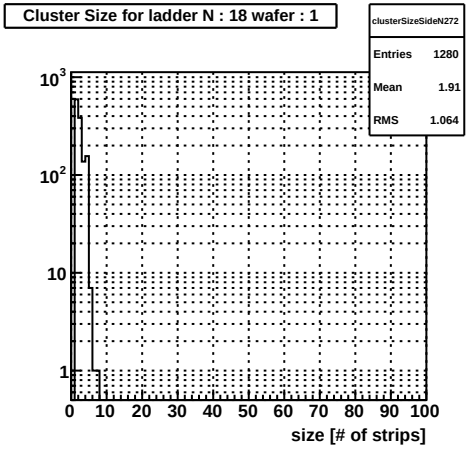

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1546
Mean 1.197
RMS 0.5597
size [# of strips]

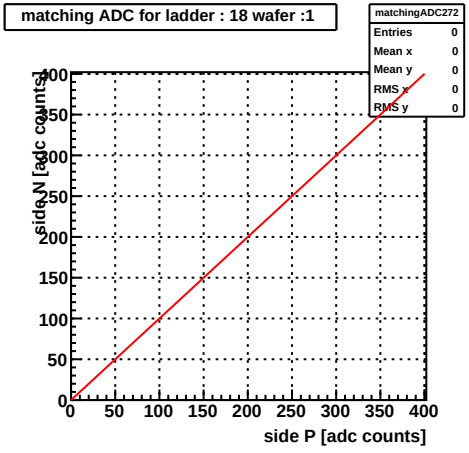

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 277
Mean x 101.8
Mean y 98.45
RMS x 71.96
RMS y 65.02
side N [adc counts]
side P [adc counts]

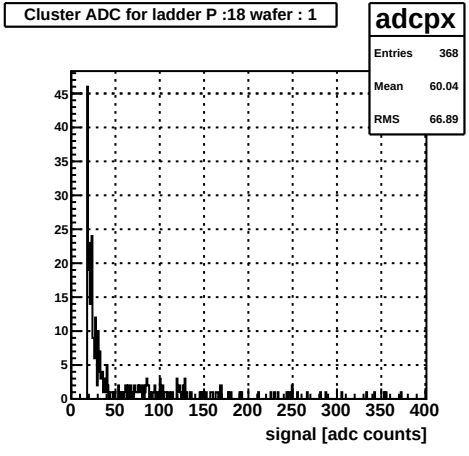

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1372
Mean 50.58
RMS 47.63
signal [adc counts]

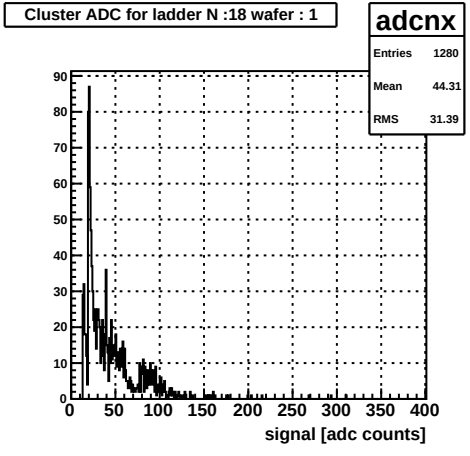

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1546
Mean 37.96
RMS 45.07
signal [adc counts]

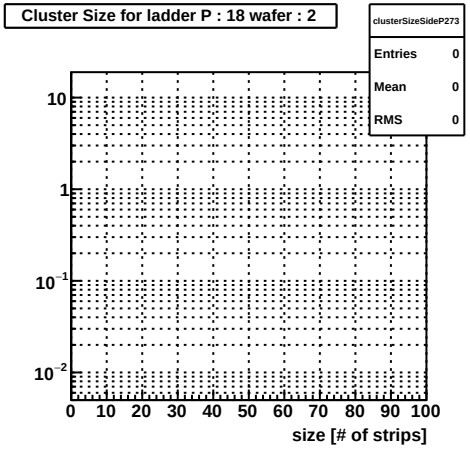

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 368
Mean 1.196
RMS 0.4943
size [# of strips]

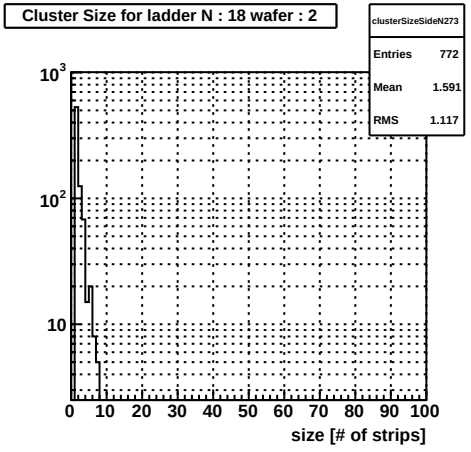

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1280
Mean 1.91
RMS 1.064
size [# of strips]

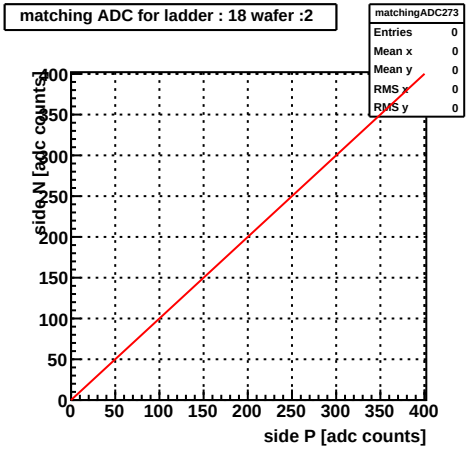

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

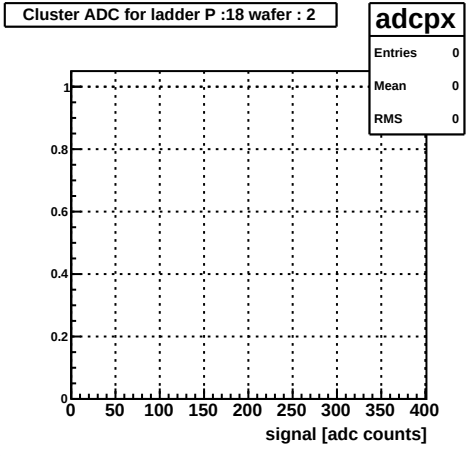

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 368
Mean 60.04
RMS 66.89
signal [adc counts]

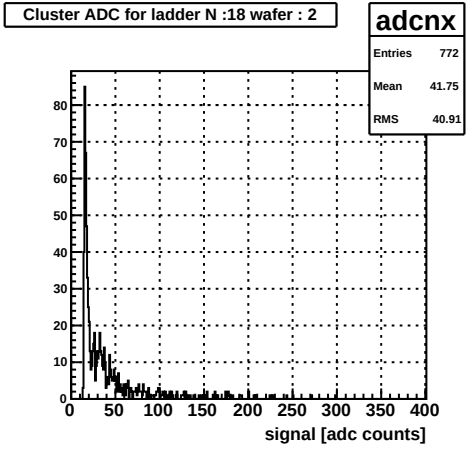

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1280
Mean 44.31
RMS 31.39
signal [adc counts]

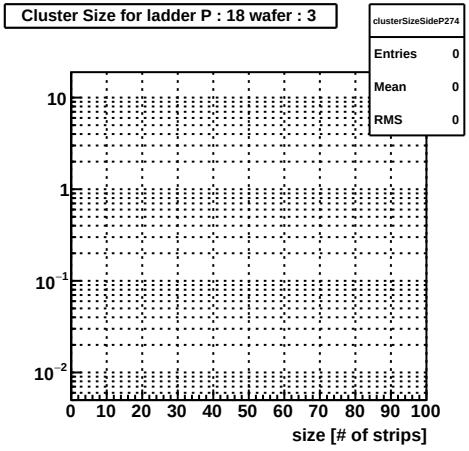

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

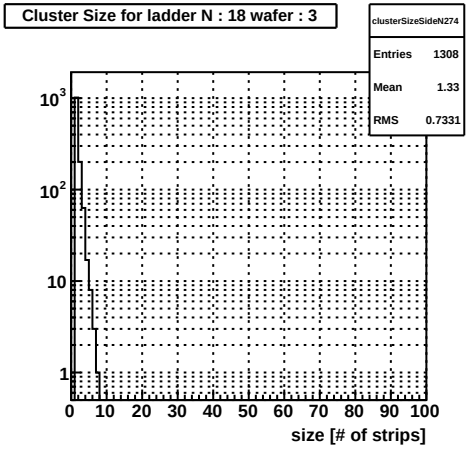

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 772
Mean 1.591
RMS 1.117
size [# of strips]

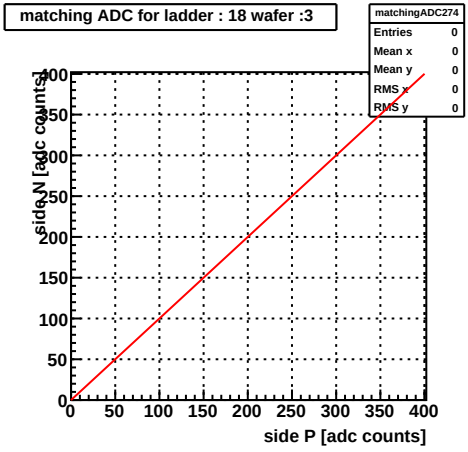

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

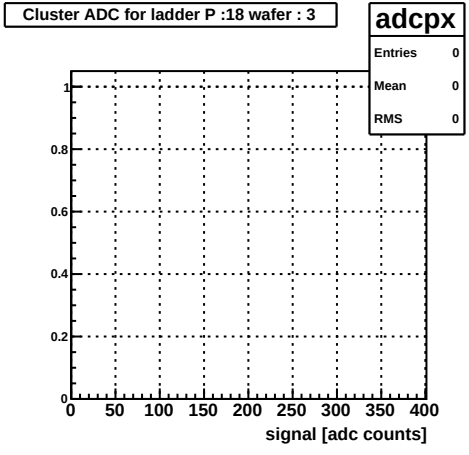

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

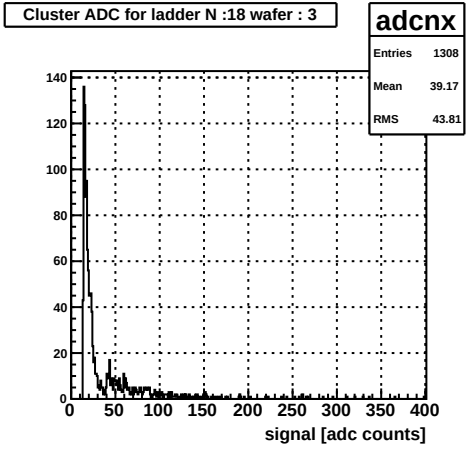

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 772
Mean 41.75
RMS 40.91
signal [adc counts]

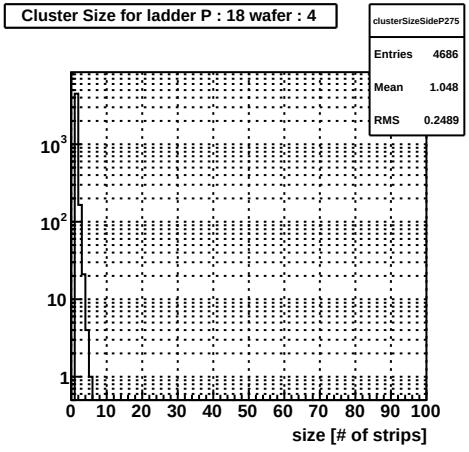

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

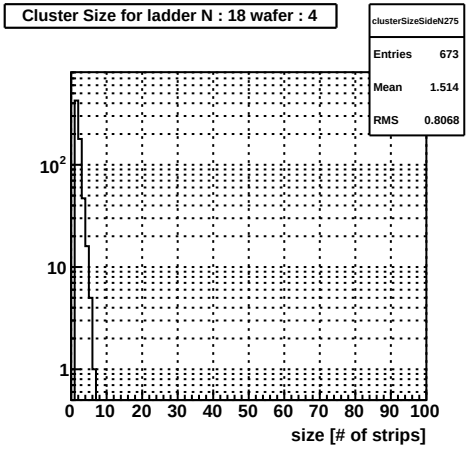

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1308
Mean 1.33
RMS 0.7331
size [# of strips]

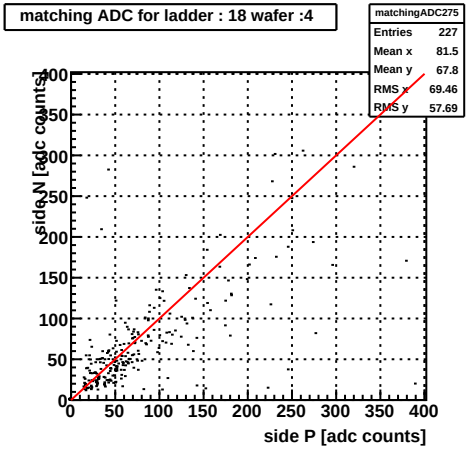

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

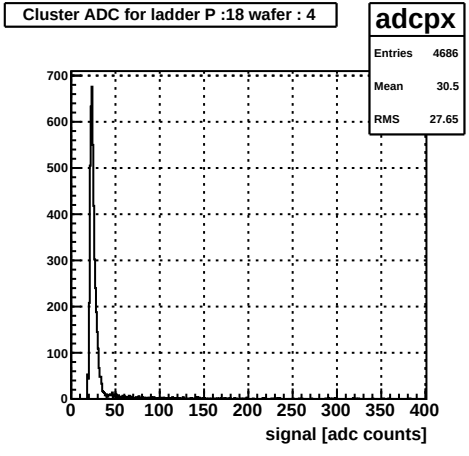

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

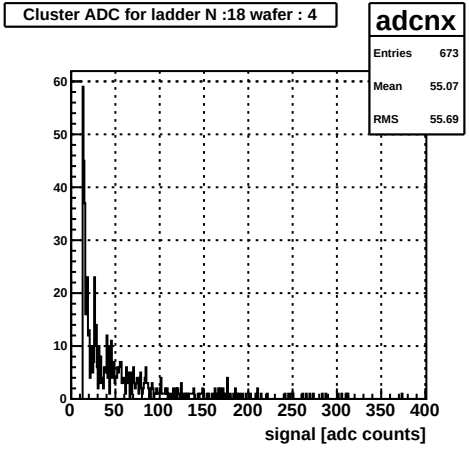

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1308
Mean 39.17
RMS 43.81
signal [adc counts]

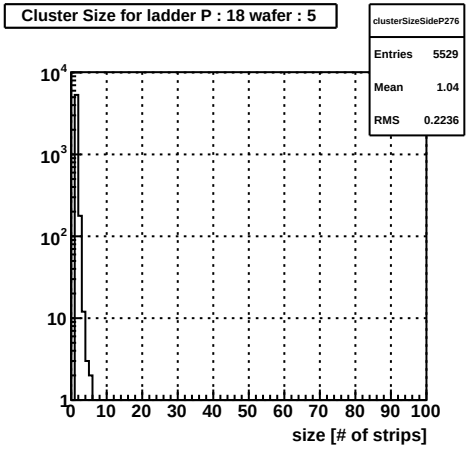

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4686
Mean 1.048
RMS 0.2489
size [# of strips]

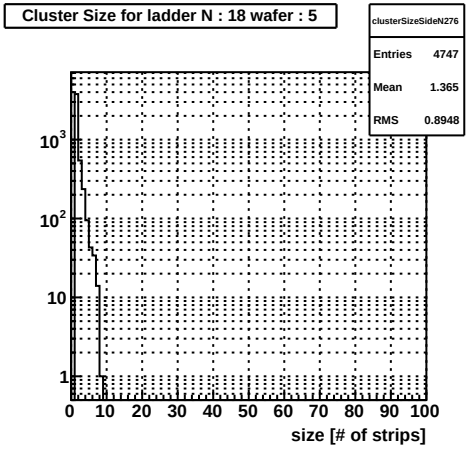

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 673
Mean 1.514
RMS 0.8068
size [# of strips]

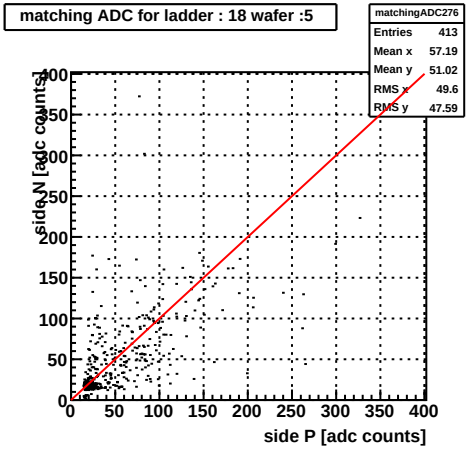

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 227
Mean x 81.5
Mean y 67.8
RMS x 69.46
RMS y 57.69
side N [adc counts]
side P [adc counts]

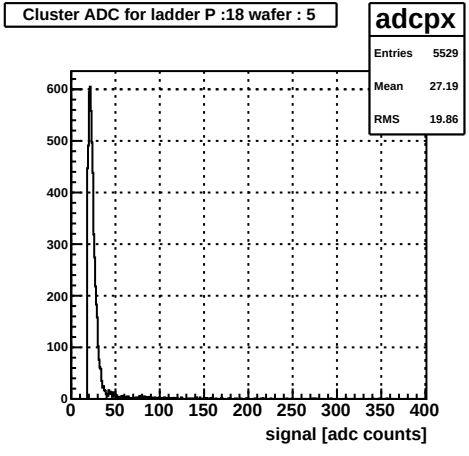

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4686
Mean 30.5
RMS 27.65
signal [adc counts]

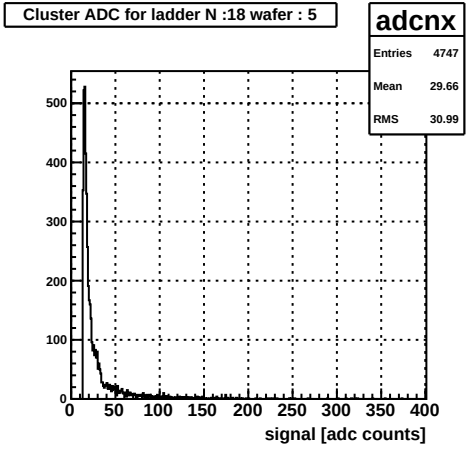

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 673
Mean 55.07
RMS 55.69
signal [adc counts]

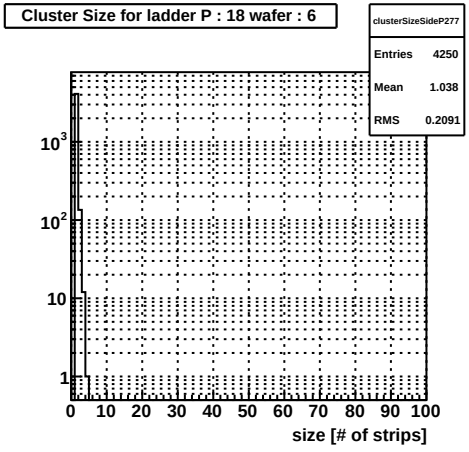

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5529
Mean 1.04
RMS 0.2236
size [# of strips]

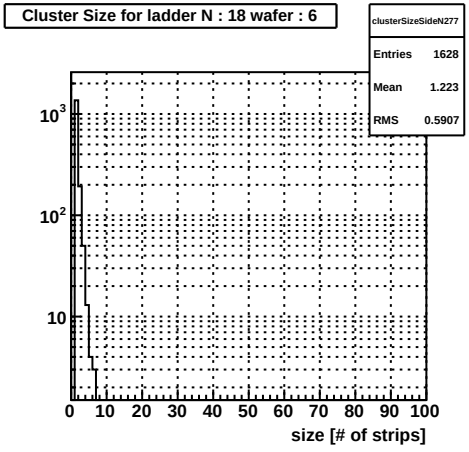

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4747
Mean 1.365
RMS 0.8948
size [# of strips]

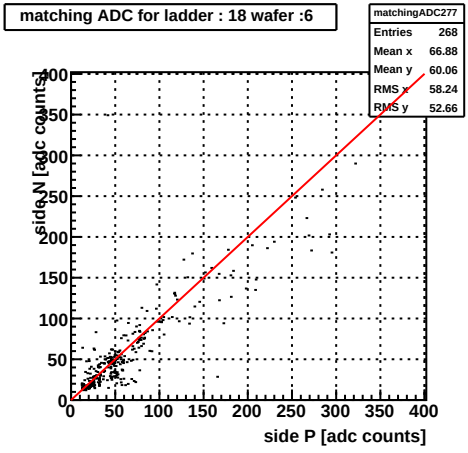

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 413
Mean x 57.19
Mean y 51.02
RMS x 49.6
RMS y 47.59
side N [adc counts]
side P [adc counts]

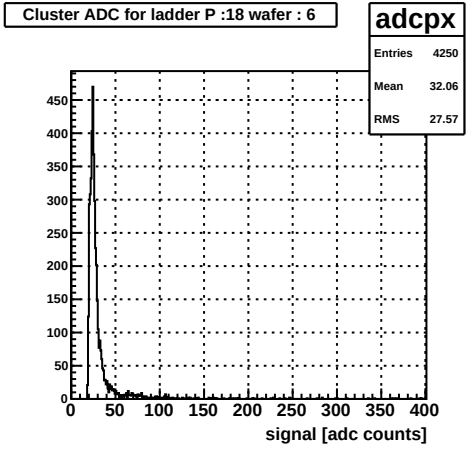

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5529
Mean 27.19
RMS 19.86
signal [adc counts]

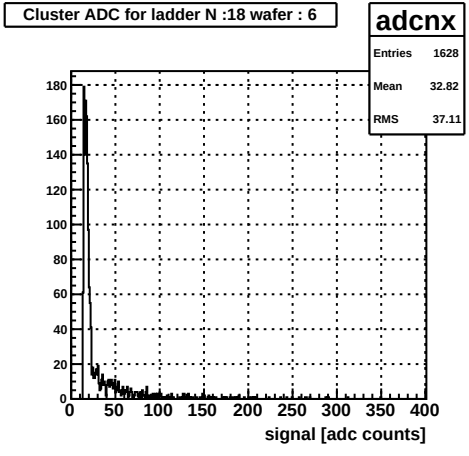

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4747
Mean 29.66
RMS 30.99
signal [adc counts]

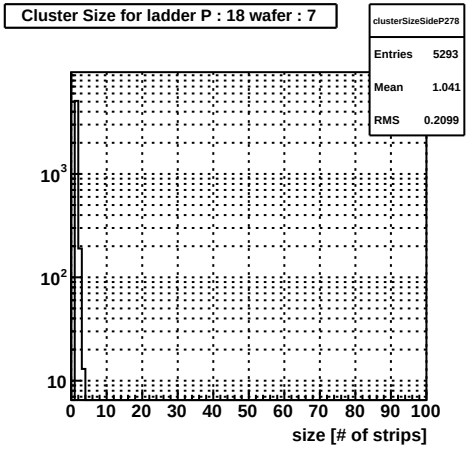

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4250
Mean 1.038
RMS 0.2091
size [# of strips]

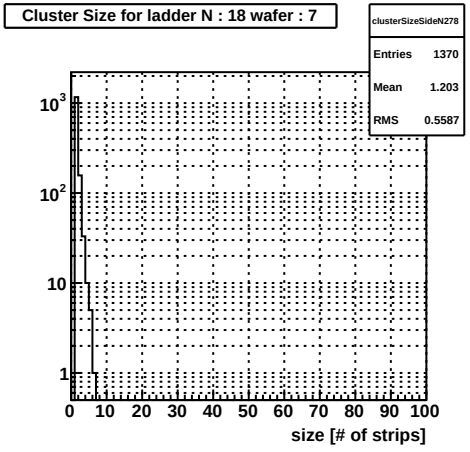

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1628
Mean 1.223
RMS 0.5907
size [# of strips]

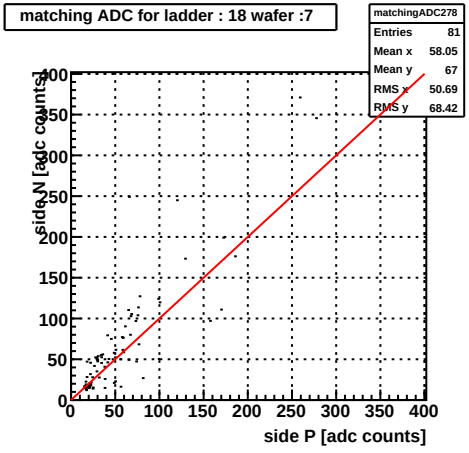

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 268
Mean x 66.88
Mean y 60.06
RMS x 58.24
RMS y 52.66
side N [adc counts]
side P [adc counts]

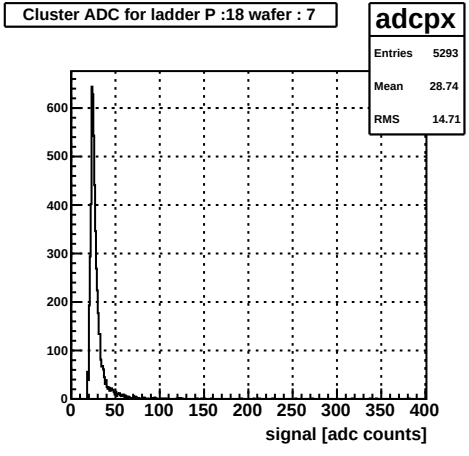

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4250
Mean 32.06
RMS 27.57
signal [adc counts]

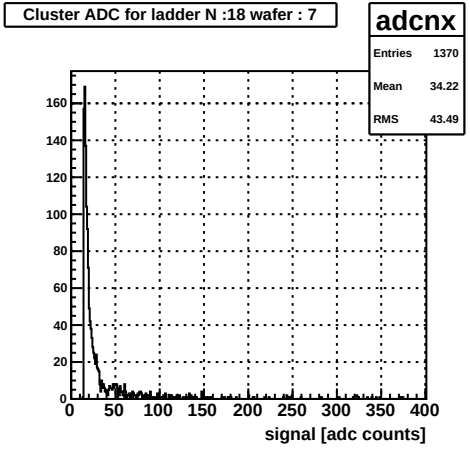

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1628
Mean 32.82
RMS 37.11
signal [adc counts]

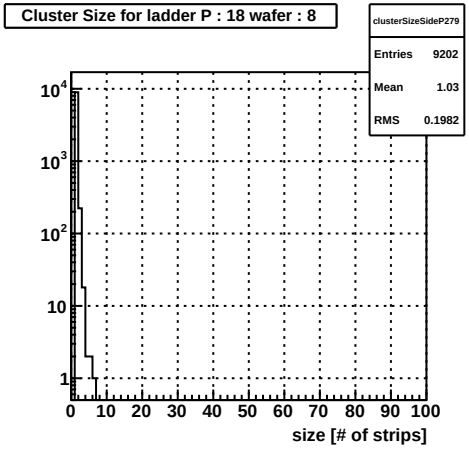

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5293
Mean 1.041
RMS 0.2099
size [# of strips]

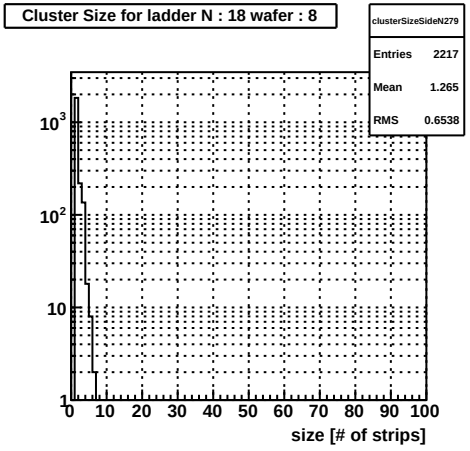

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1370
Mean 1.203
RMS 0.5587
size [# of strips]

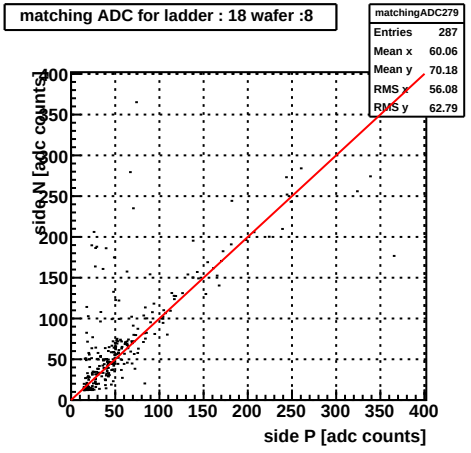

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 81
Mean x 58.05
Mean y 67
RMS x 50.69
RMS y 68.42
side N [adc counts]
side P [adc counts]

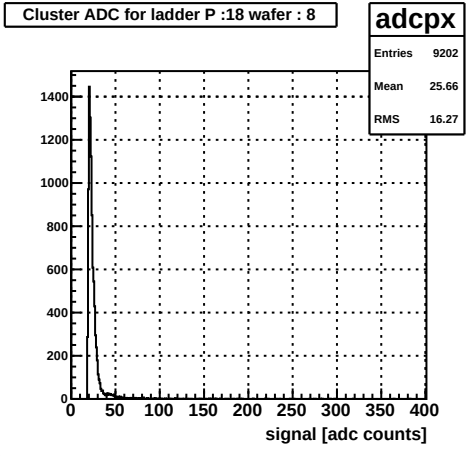

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5293
Mean 28.74
RMS 14.71
signal [adc counts]

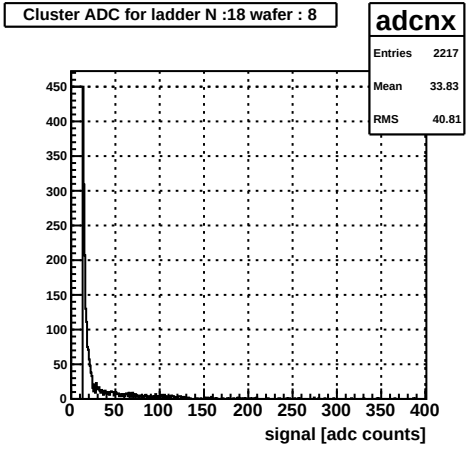

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1370
Mean 34.22
RMS 43.49
signal [adc counts]

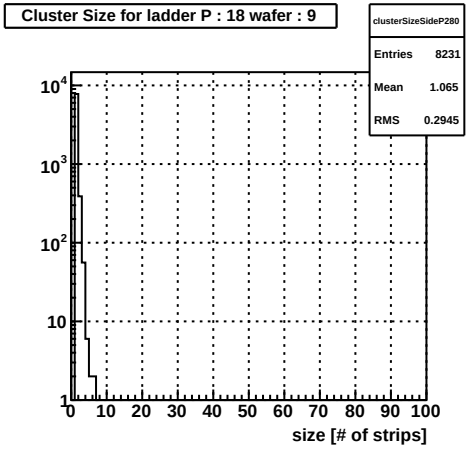

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 9202
Mean 1.03
RMS 0.1982
size [# of strips]

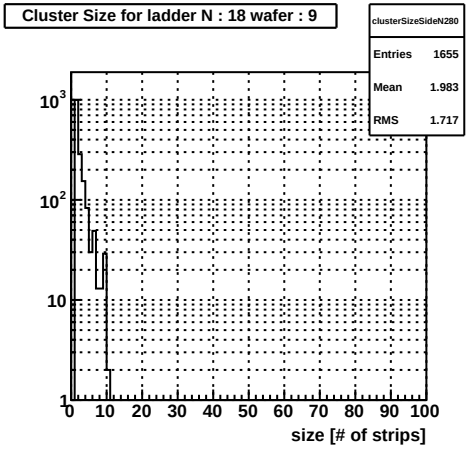

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2217
Mean 1.265
RMS 0.6538
size [# of strips]

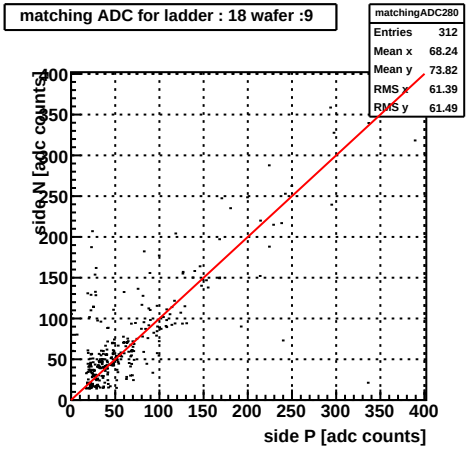

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 287
Mean x 60.06
Mean y 70.18
RMS x 56.08
RMS y 62.79
side N [adc counts]
side P [adc counts]

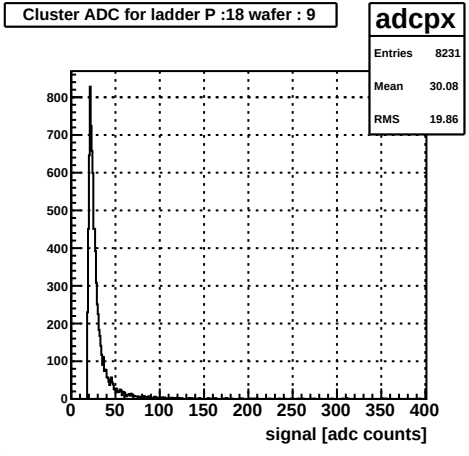

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 9202
Mean 25.66
RMS 16.27
signal [adc counts]

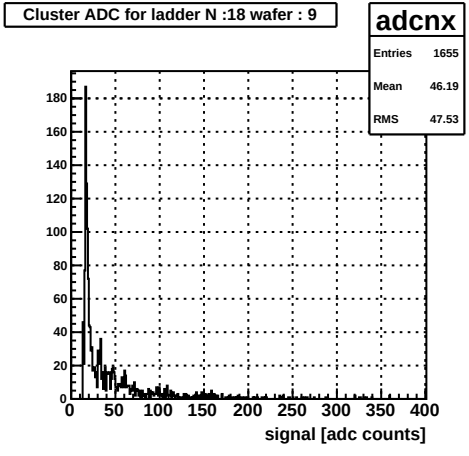

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2217
Mean 33.83
RMS 40.81
signal [adc counts]

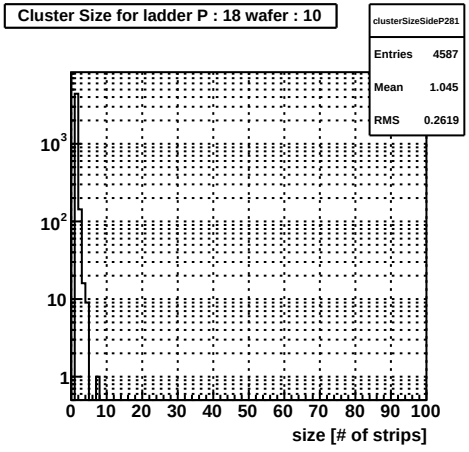

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 8231
Mean 1.065
RMS 0.2945
size [# of strips]

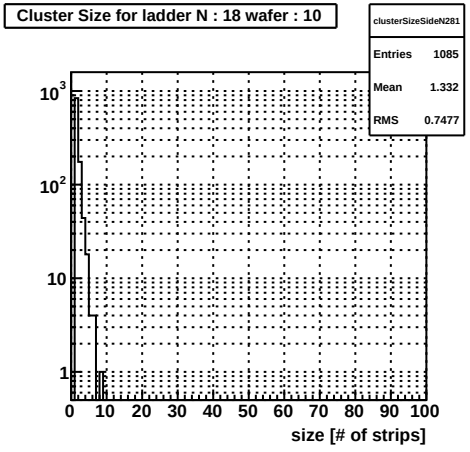

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1655
Mean 1.983
RMS 1.717
size [# of strips]

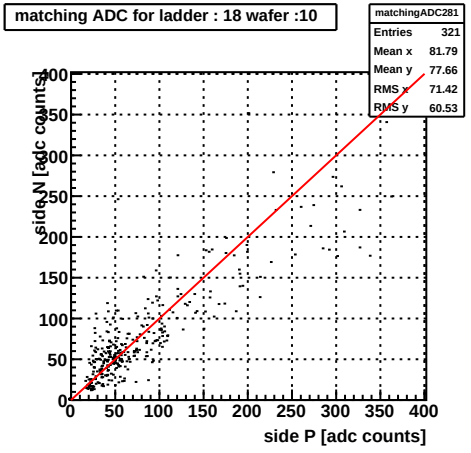

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 312
Mean x 68.24
Mean y 73.82
RMS x 61.39
RMS y 61.49
side N [adc counts]
side P [adc counts]

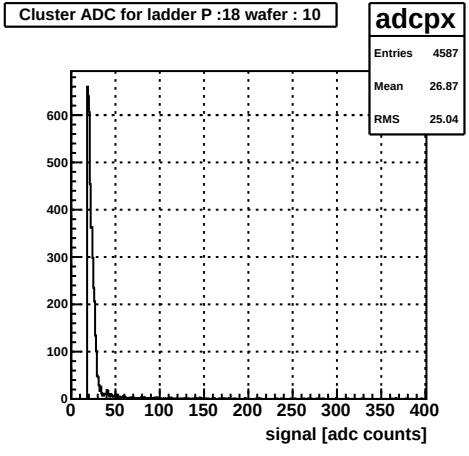

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 8231
Mean 30.08
RMS 19.86
signal [adc counts]

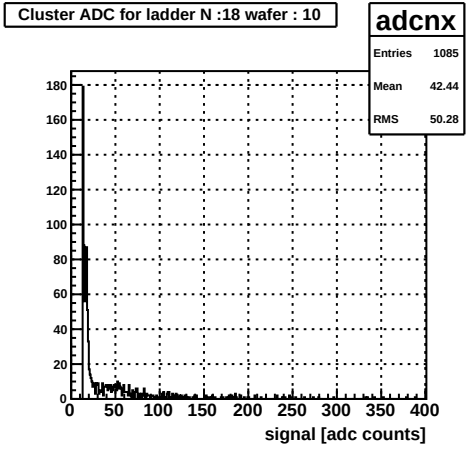

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1655
Mean 46.19
RMS 47.53
signal [adc counts]

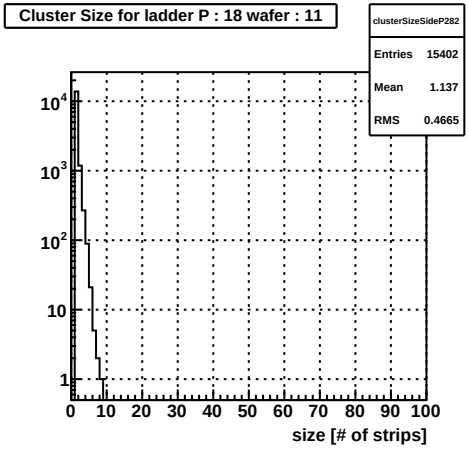

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4587
Mean 1.045
RMS 0.2619
size [# of strips]

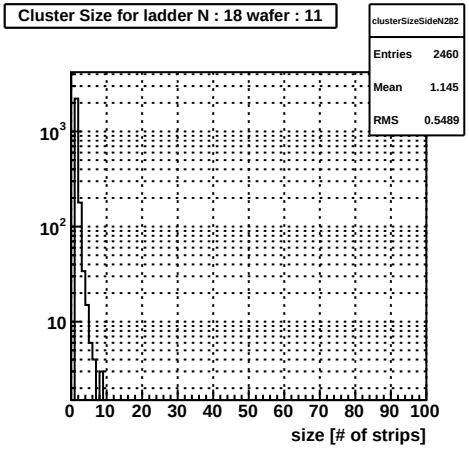

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1085
Mean 1.332
RMS 0.7477
size [# of strips]

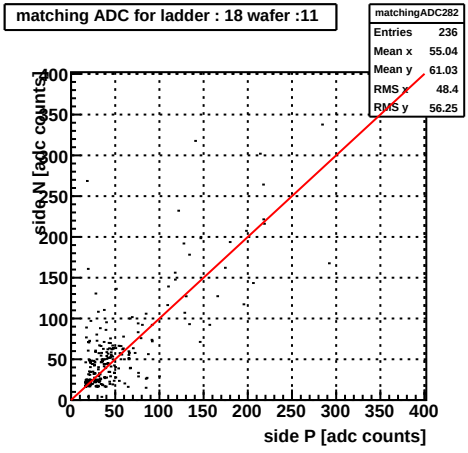

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 321
Mean x 81.79
Mean y 77.66
RMS x 71.42
RMS y 60.53
side N [adc counts]
side P [adc counts]

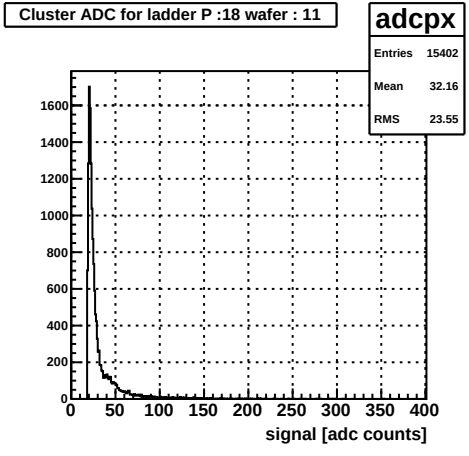

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4587
Mean 26.87
RMS 25.04
signal [adc counts]

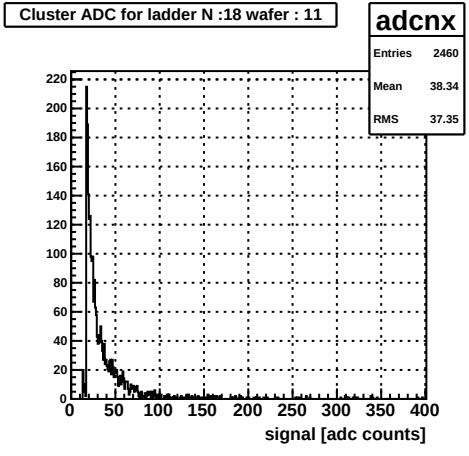

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1085
Mean 42.44
RMS 50.28
signal [adc counts]

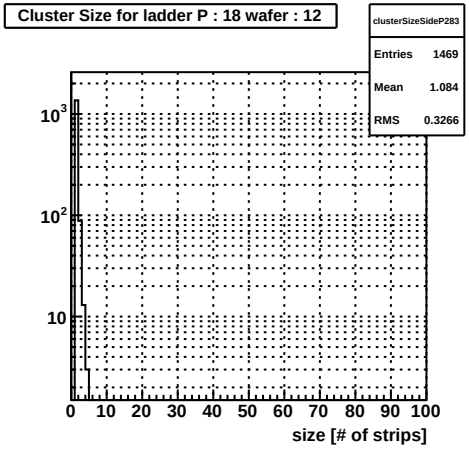

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15402
Mean 1.137
RMS 0.4665
size [# of strips]

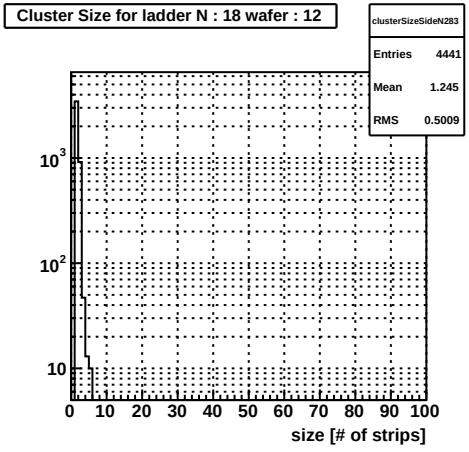

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2460
Mean 1.145
RMS 0.5489
size [# of strips]

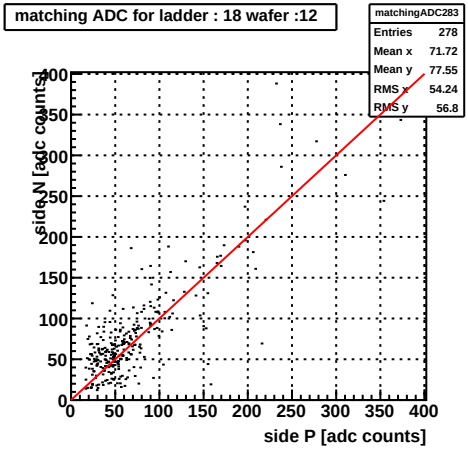

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 236
Mean x 55.04
Mean y 61.03
RMS x 48.4
RMS y 56.25
side N [adc counts]
side P [adc counts]

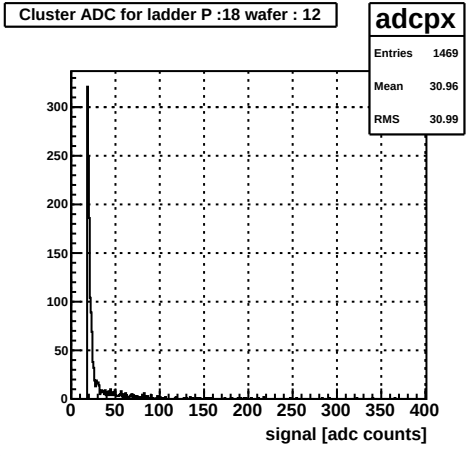

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15402
Mean 32.16
RMS 23.55
signal [adc counts]

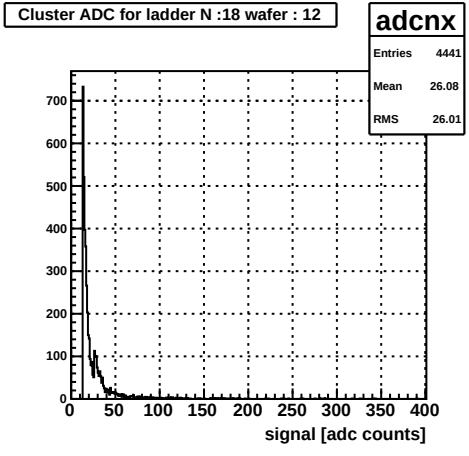

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2460
Mean 38.34
RMS 37.35
signal [adc counts]

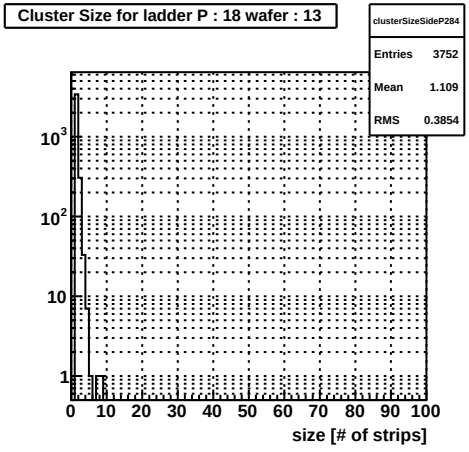

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1469
Mean 1.084
RMS 0.3266
size [# of strips]

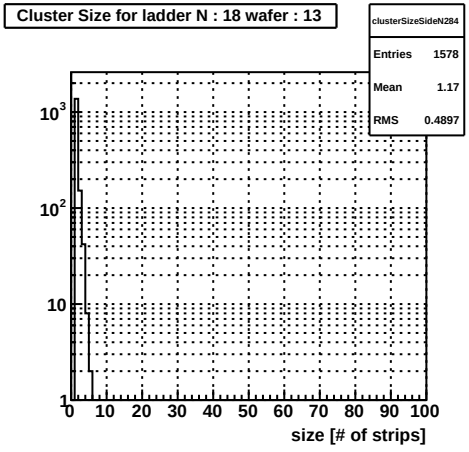

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4441
Mean 1.245
RMS 0.5009
size [# of strips]

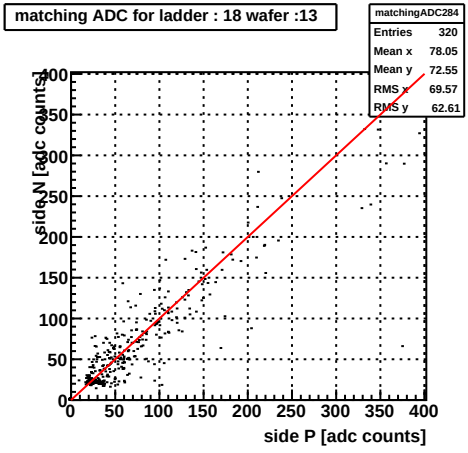

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 278
Mean x 71.72
Mean y 77.55
RMS x 54.24
RMS y 56.8
side N [adc counts]
side P [adc counts]

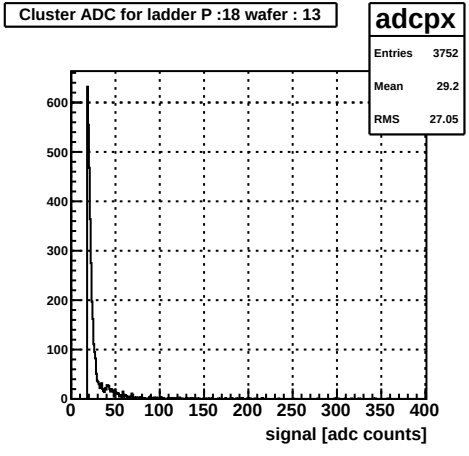

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1469
Mean 30.96
RMS 30.99
signal [adc counts]

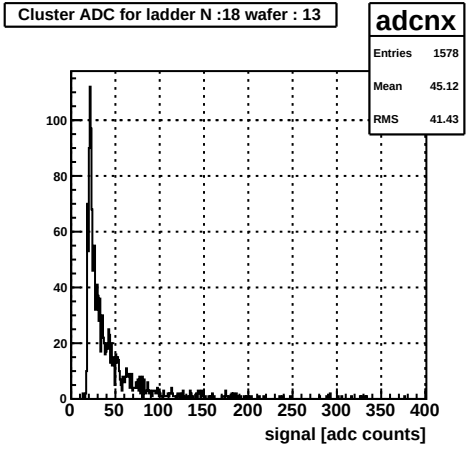

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4441
Mean 26.08
RMS 26.01
signal [adc counts]

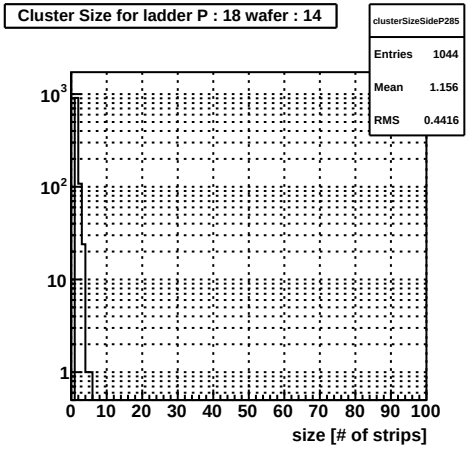

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3752
Mean 1.109
RMS 0.3854
size [# of strips]

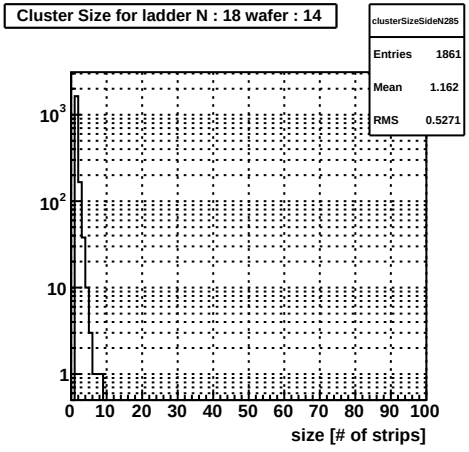

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1578
Mean 1.17
RMS 0.4897
size [# of strips]

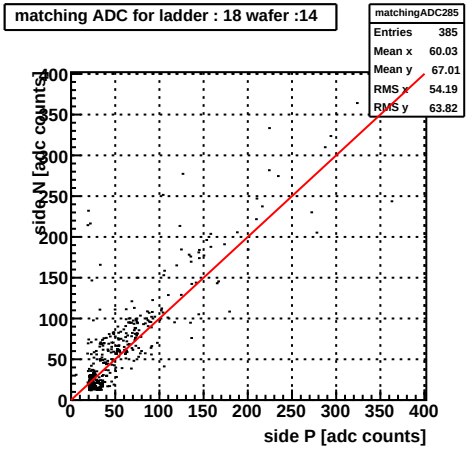

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 320
Mean x 78.05
Mean y 72.55
RMS x 69.57
RMS y 62.61
side N [adc counts]
side P [adc counts]

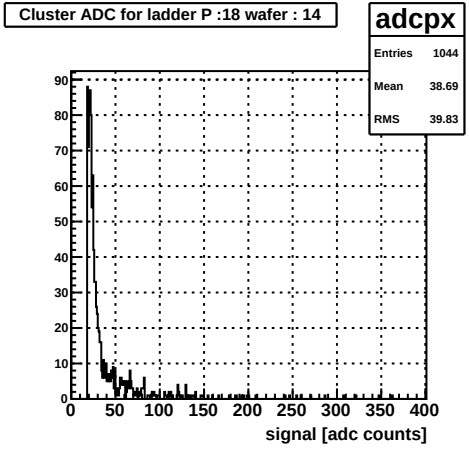

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3752
Mean 29.2
RMS 27.05
signal [adc counts]

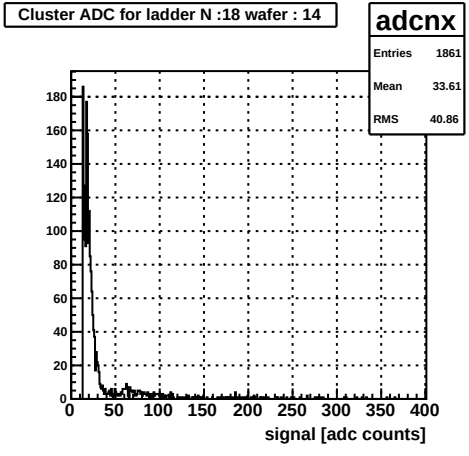

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1578
Mean 45.12
RMS 41.43
signal [adc counts]

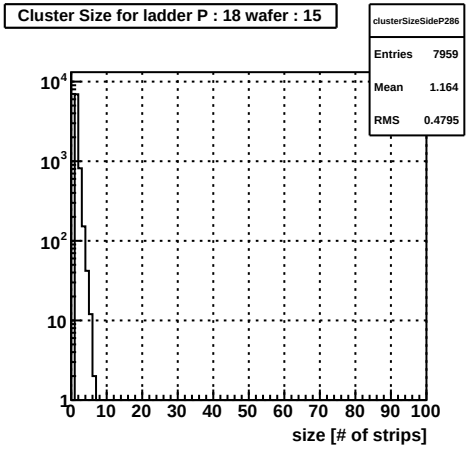

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1044
Mean 1.156
RMS 0.4416
size [# of strips]

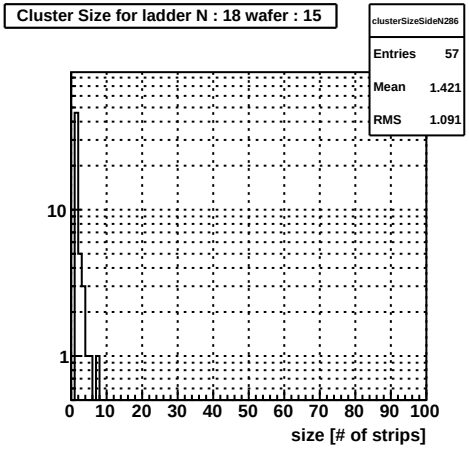

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1861
Mean 1.162
RMS 0.5271
size [# of strips]

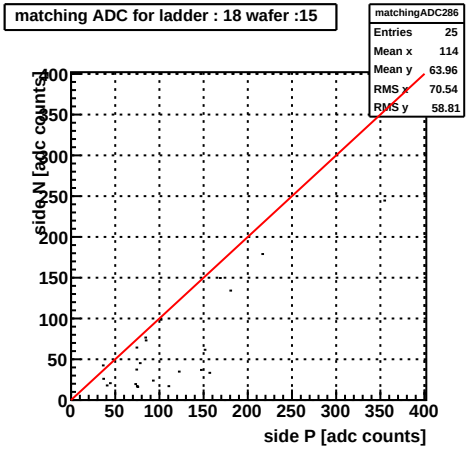

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 385
Mean x 60.03
Mean y 67.01
RMS x 54.19
RMS y 63.82
side N [adc counts]
side P [adc counts]

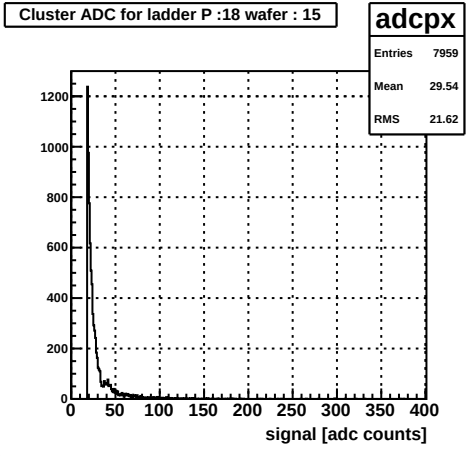

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1044
Mean 38.69
RMS 39.83
signal [adc counts]

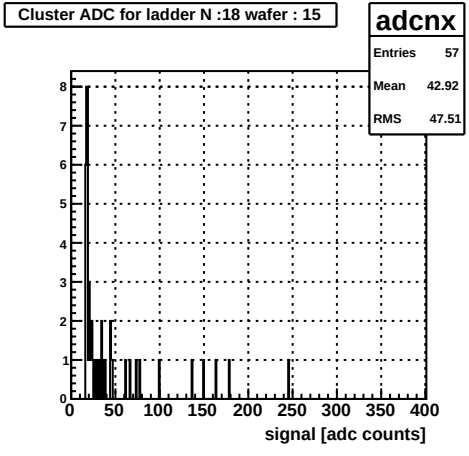

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1861
Mean 33.61
RMS 40.86
signal [adc counts]

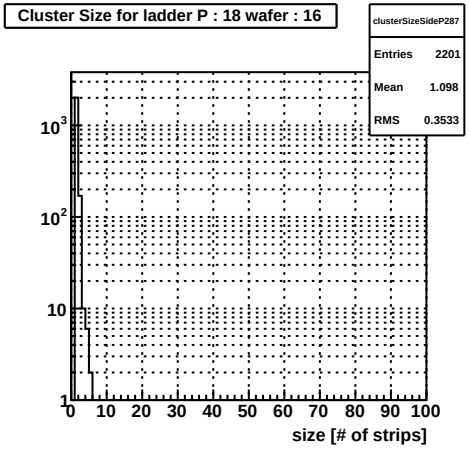

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7959
Mean 1.164
RMS 0.4795
size [# of strips]

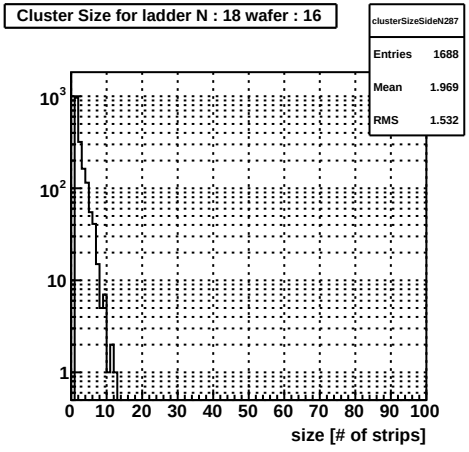

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 57
Mean 1.421
RMS 1.091
size [# of strips]

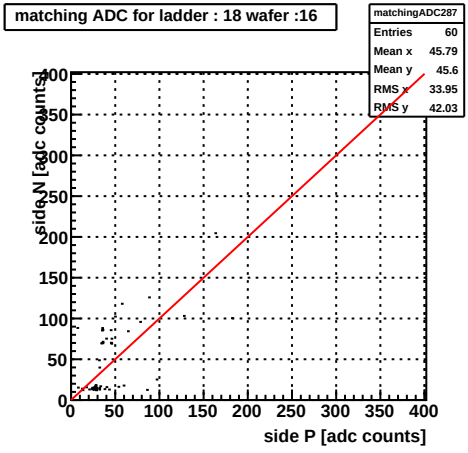

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 25
Mean x 114
Mean y 63.96
RMS x 70.54
RMS y 58.81
side N [adc counts]
side P [adc counts]

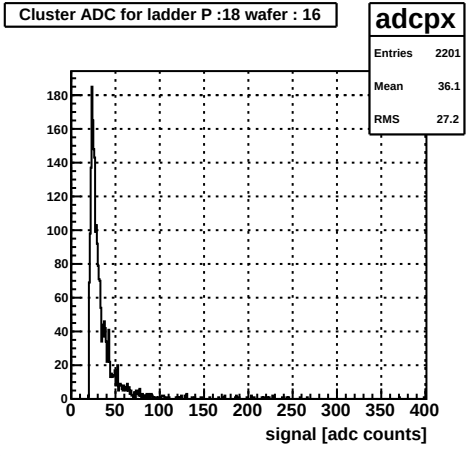

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7959
Mean 29.54
RMS 21.62
signal [adc counts]

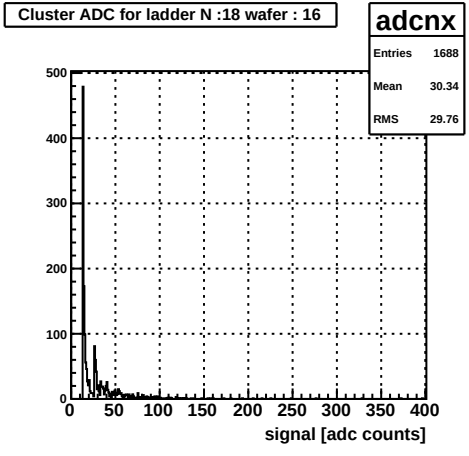

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 57
Mean 42.92
RMS 47.51
signal [adc counts]

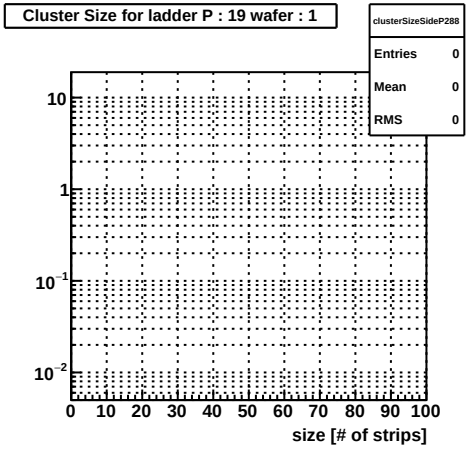

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2201
Mean 1.098
RMS 0.3533
size [# of strips]

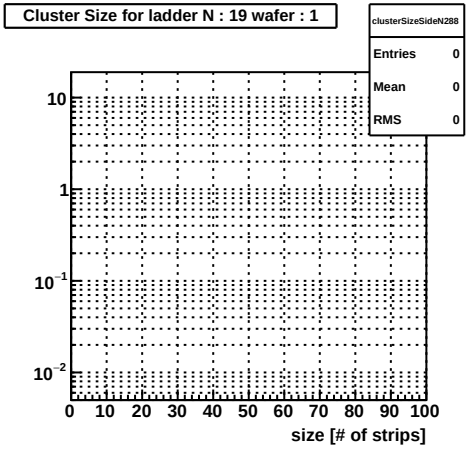

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1688
Mean 1.969
RMS 1.532
size [# of strips]

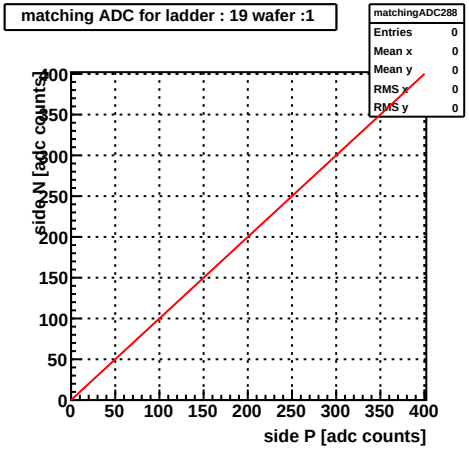

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 60
Mean x 45.79
Mean y 45.6
RMS x 33.95
RMS y 42.03
side N [adc counts]
side P [adc counts]

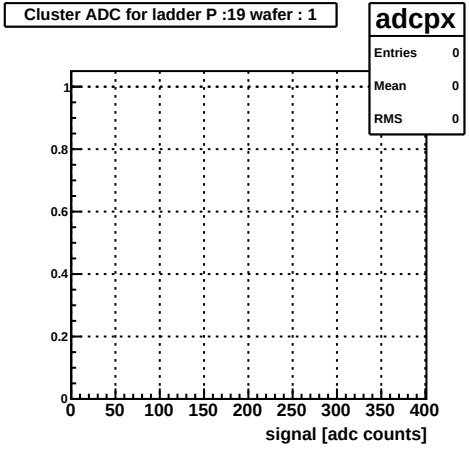

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2201
Mean 36.1
RMS 27.2
signal [adc counts]

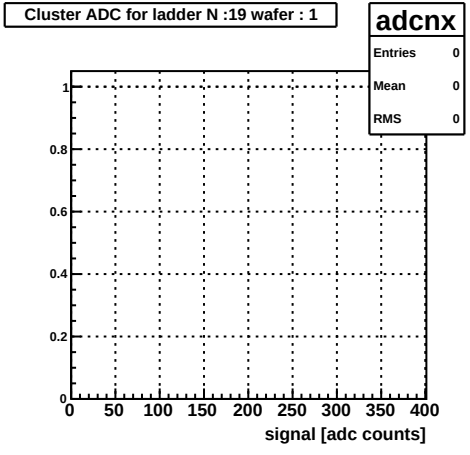

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1688
Mean 30.34
RMS 29.76
signal [adc counts]

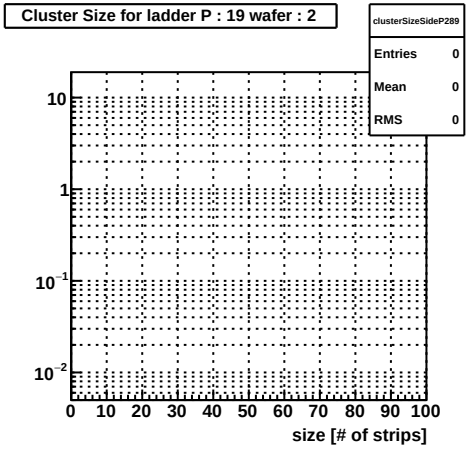

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

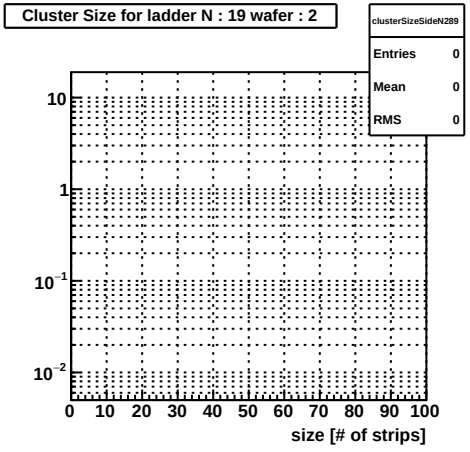

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

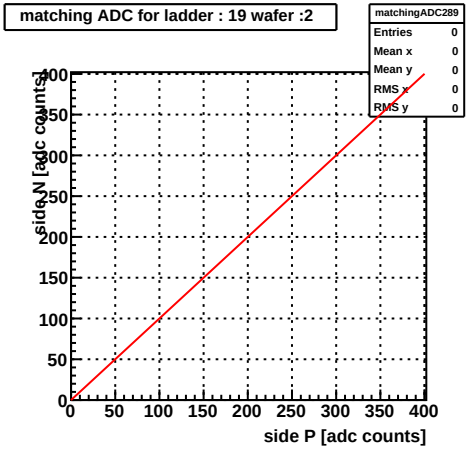

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

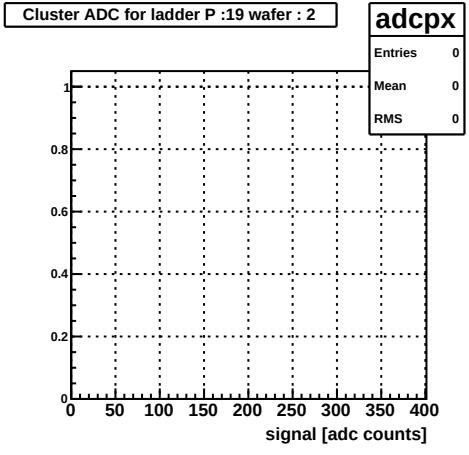

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

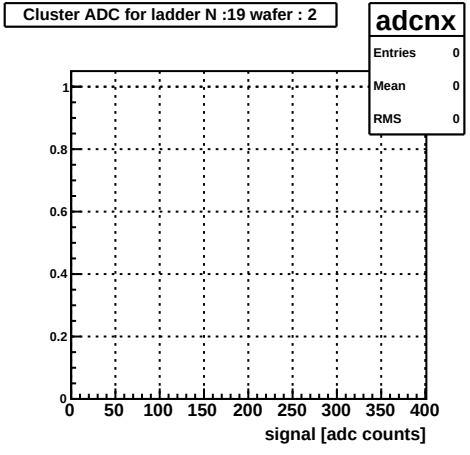

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

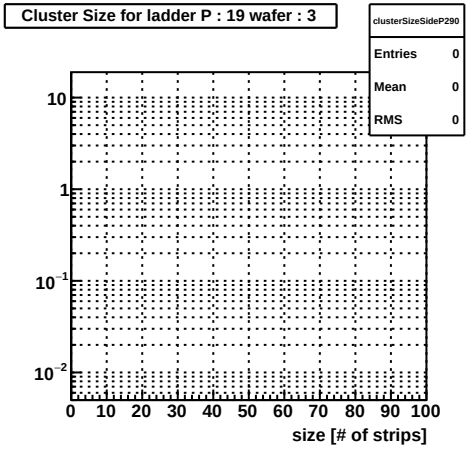

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

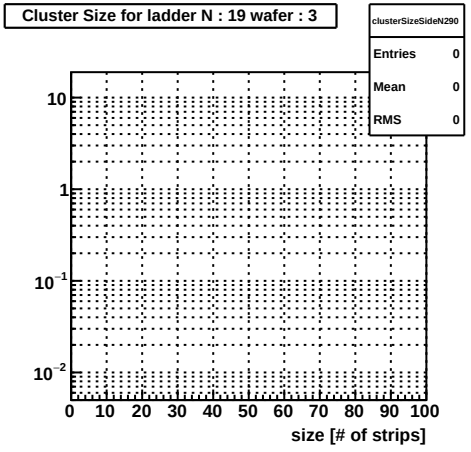

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

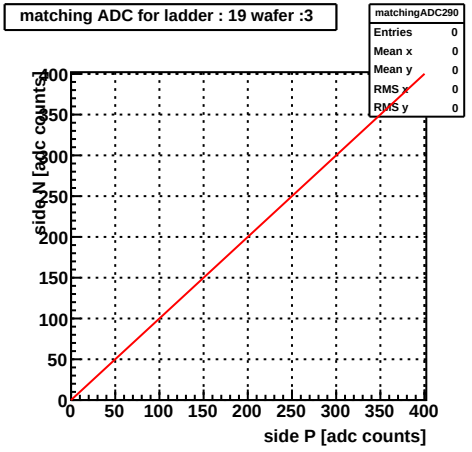

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

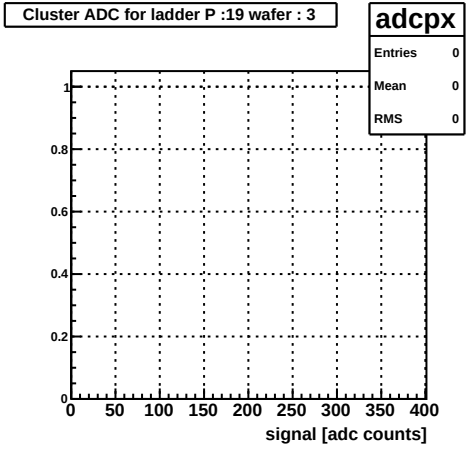

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

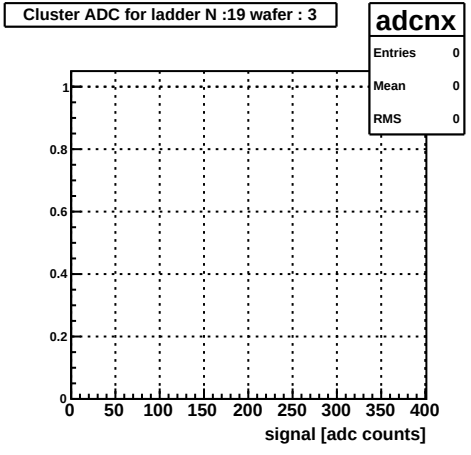

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

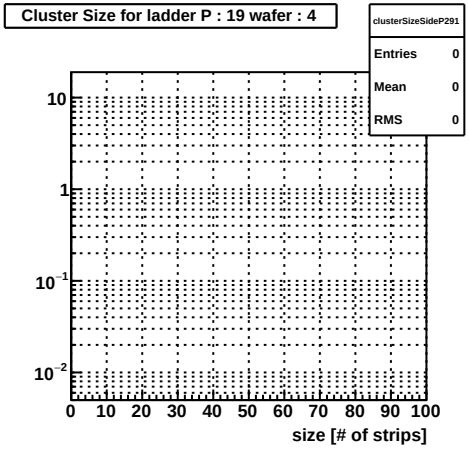

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

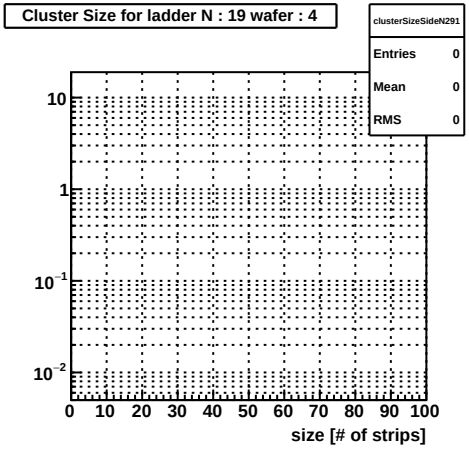

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

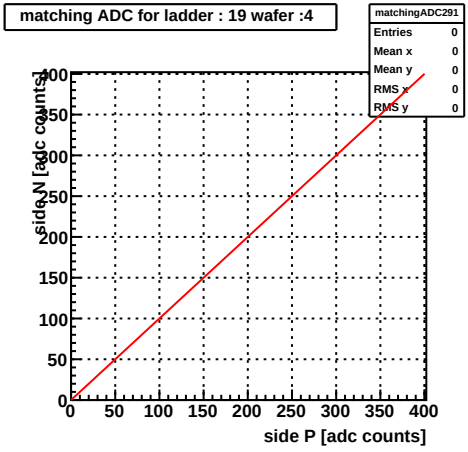

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

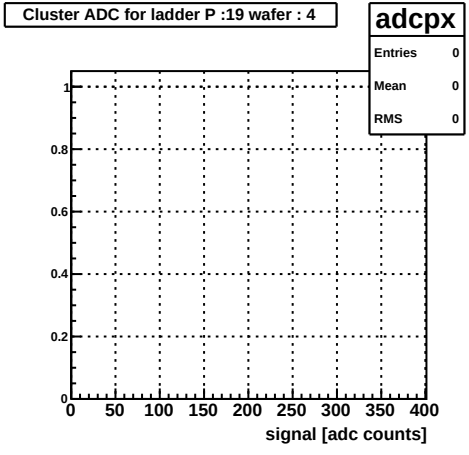

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

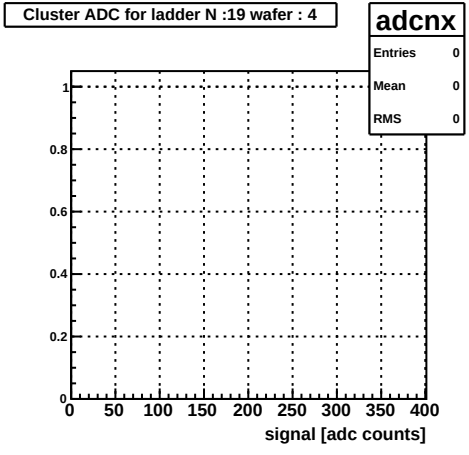

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

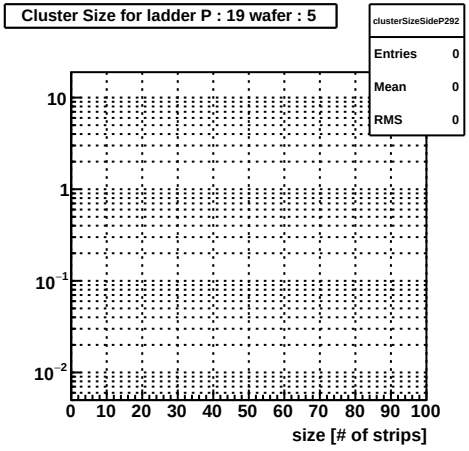

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

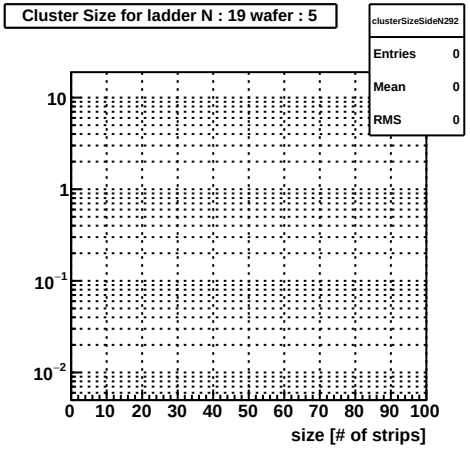

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

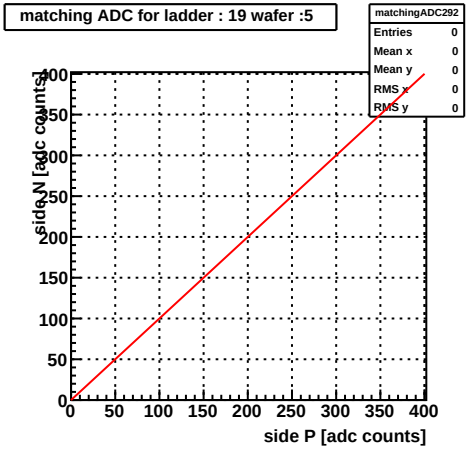

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

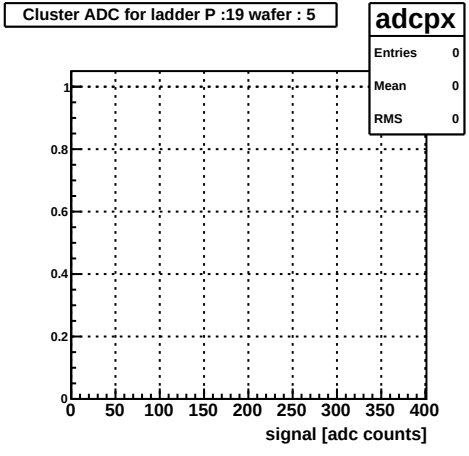

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

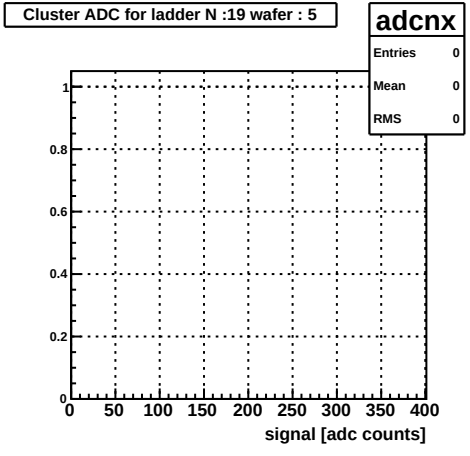

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

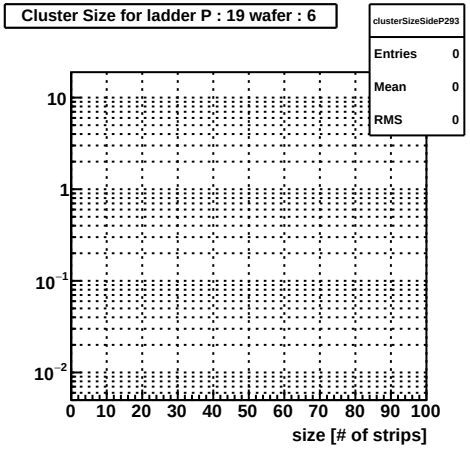

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

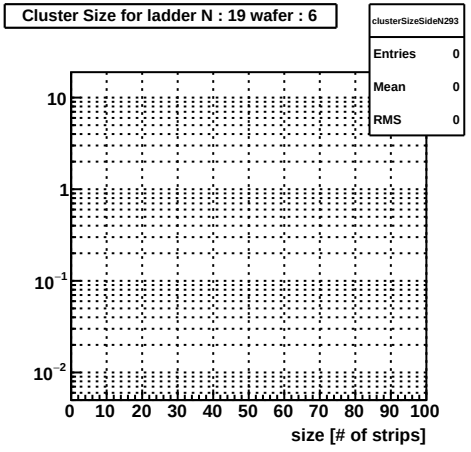

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

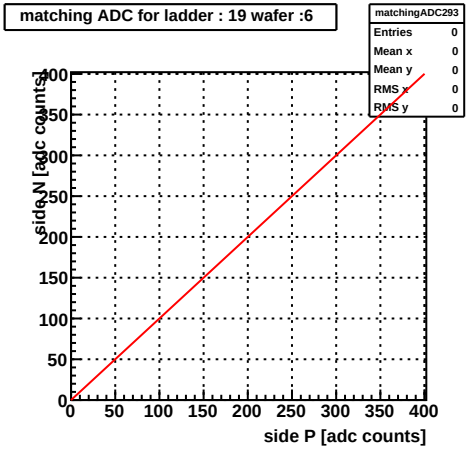

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

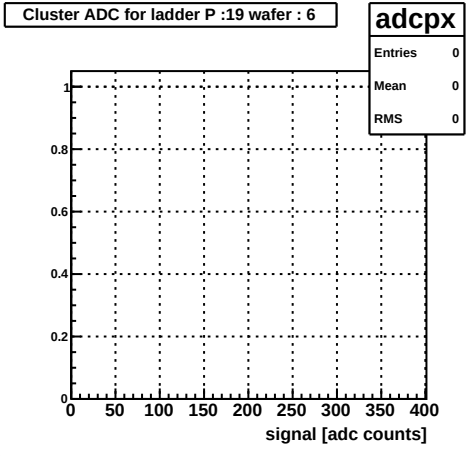

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

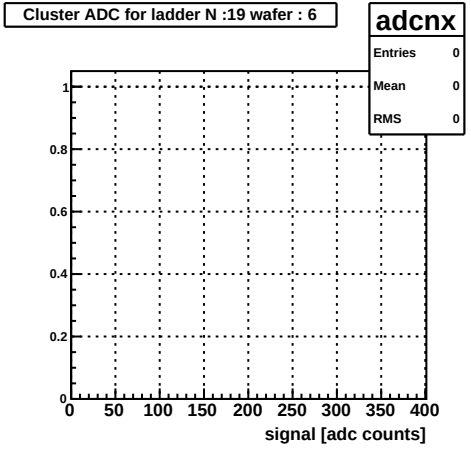

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

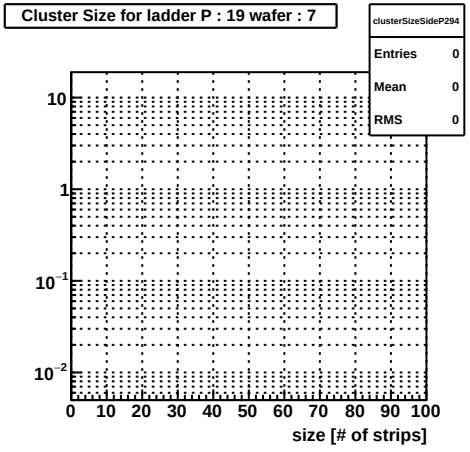

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

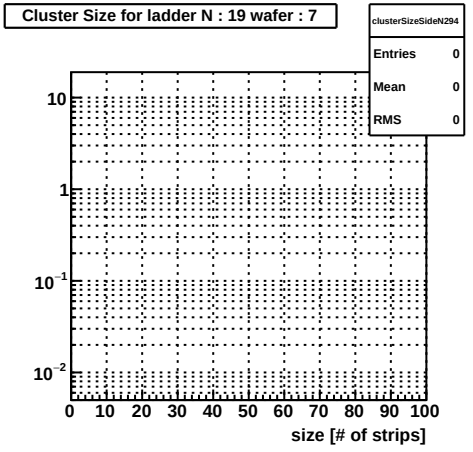

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

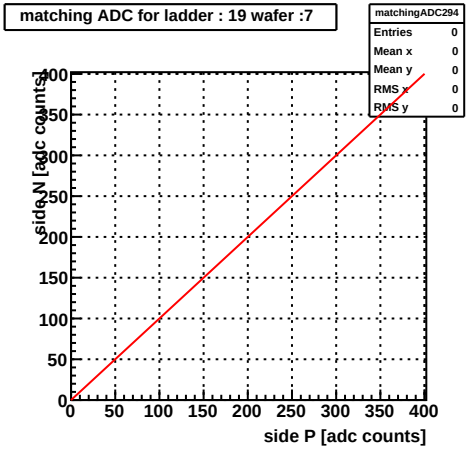

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

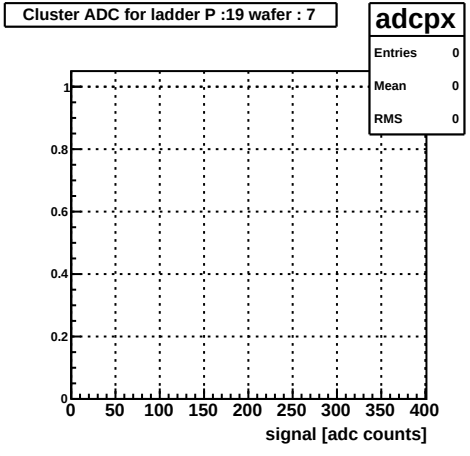

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

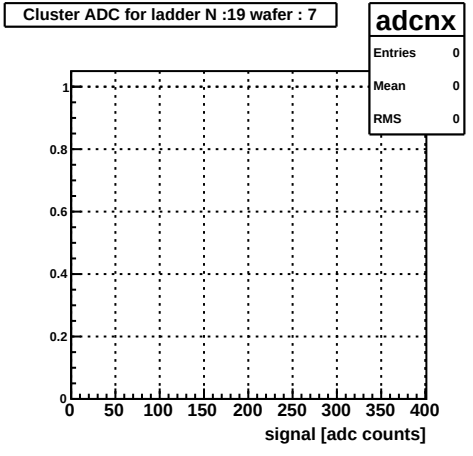

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

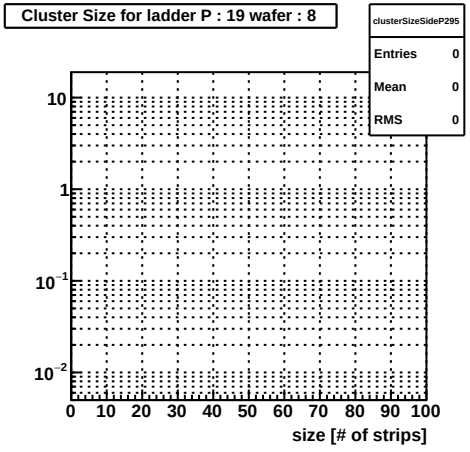

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

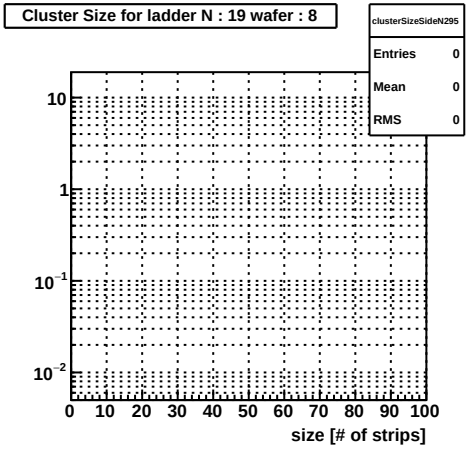

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

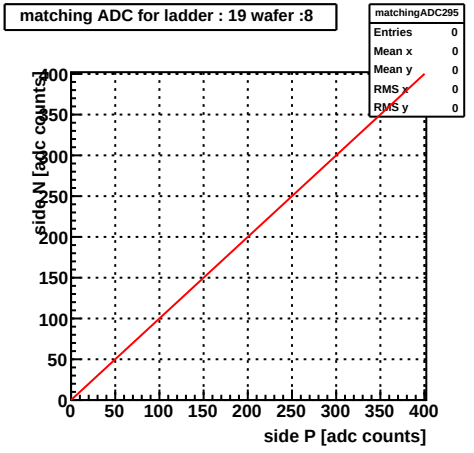

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

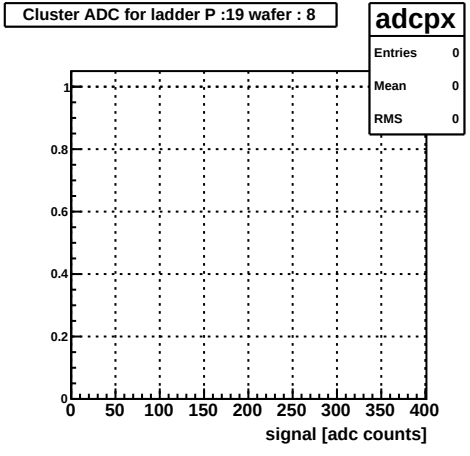

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

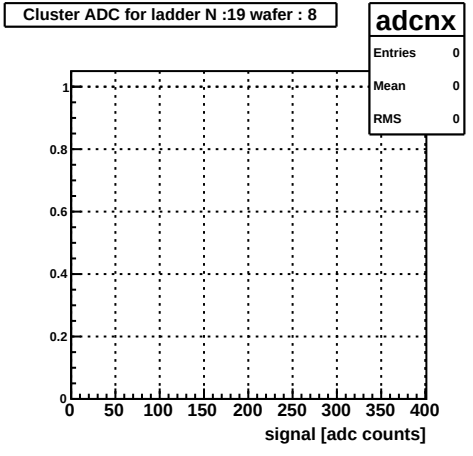

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

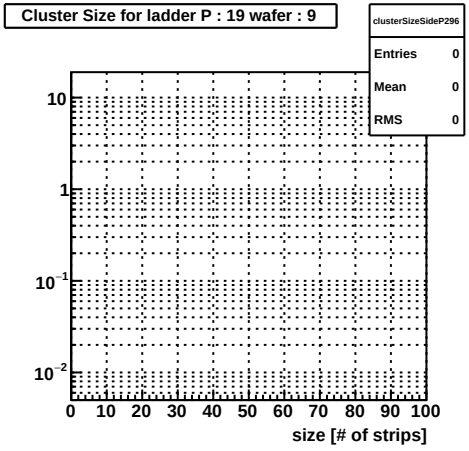

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

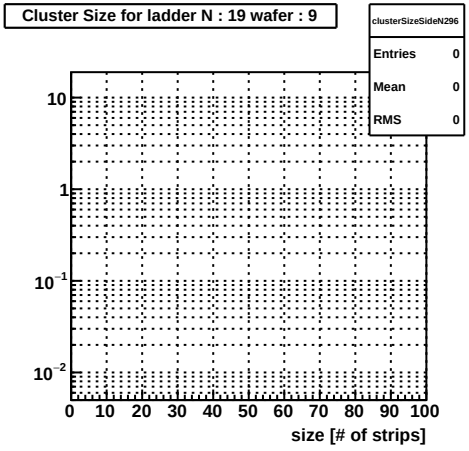

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

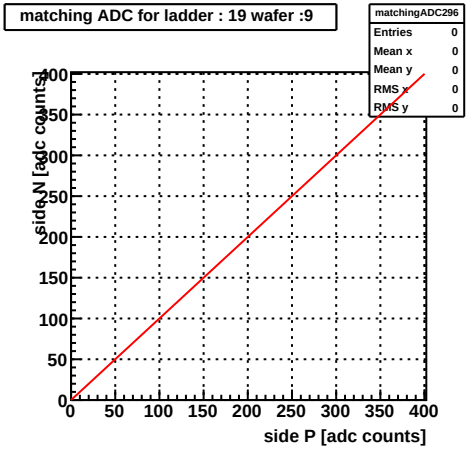

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

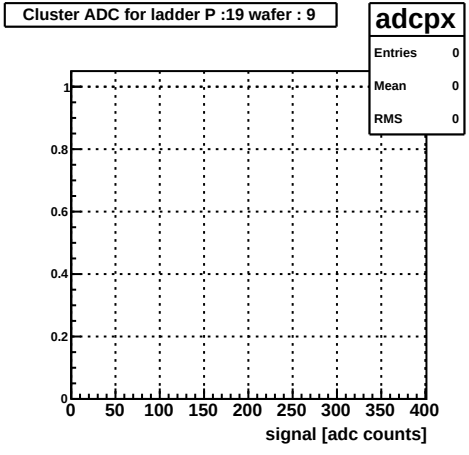

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

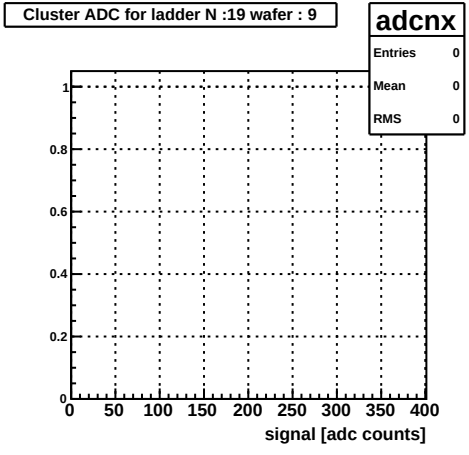

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

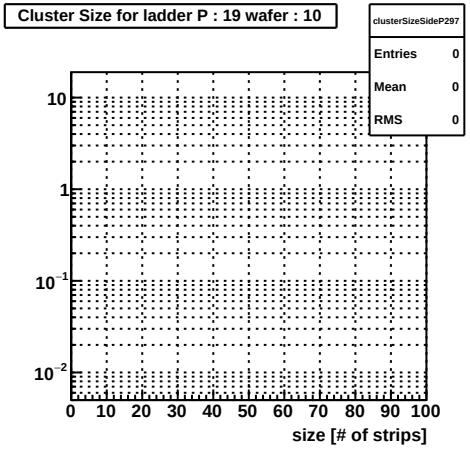

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

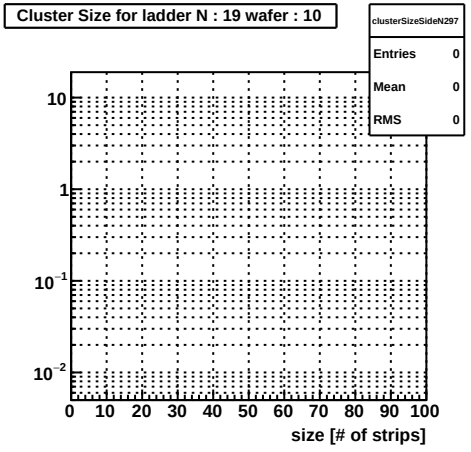

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

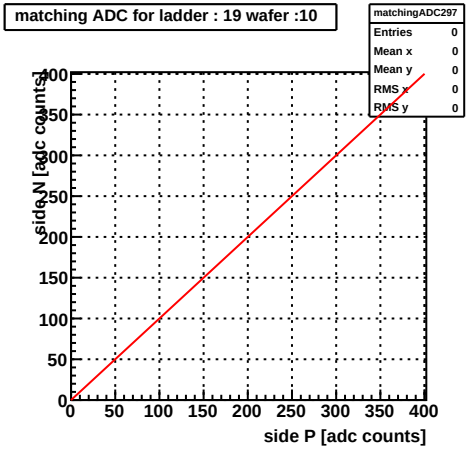

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

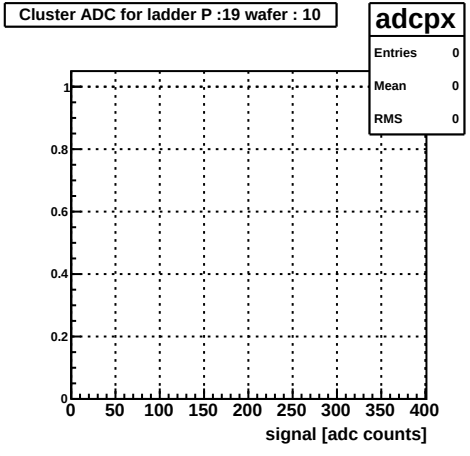

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

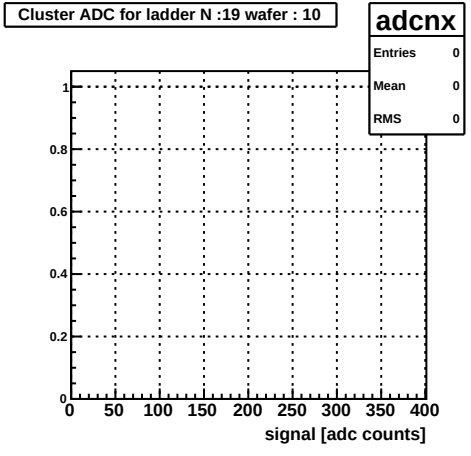

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

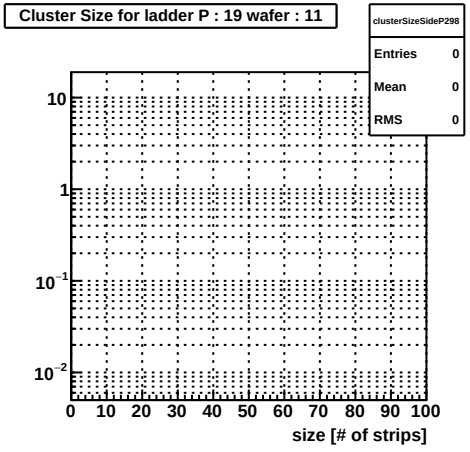

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

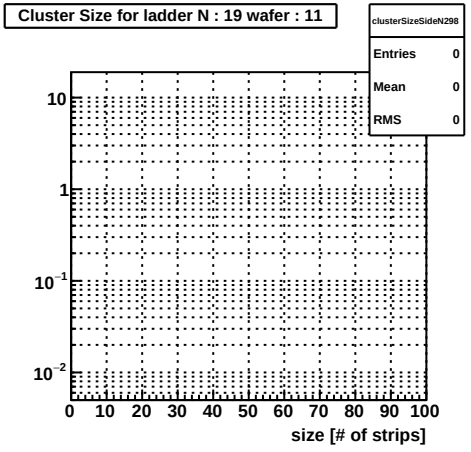

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

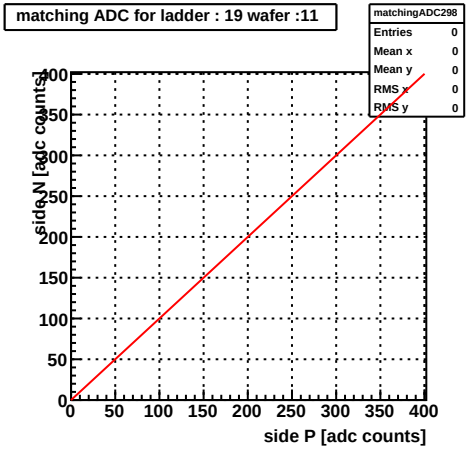

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

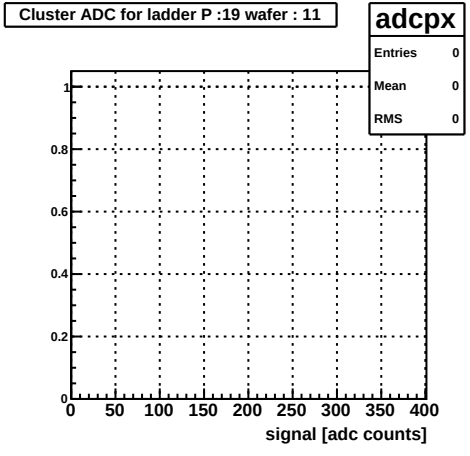

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

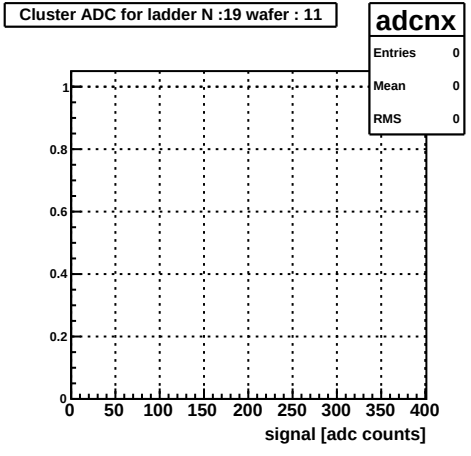

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

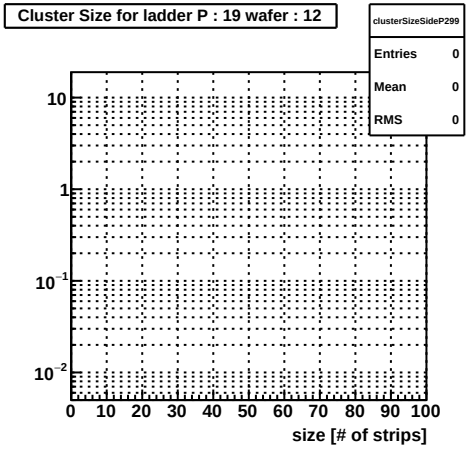

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

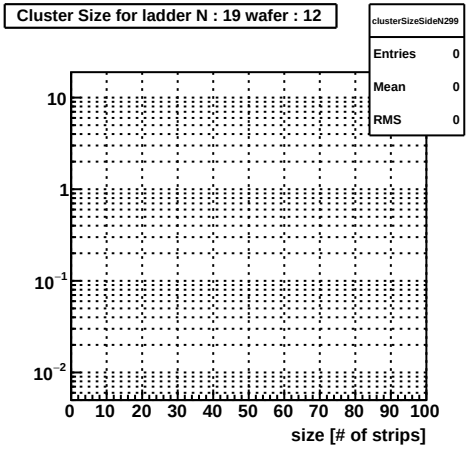

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

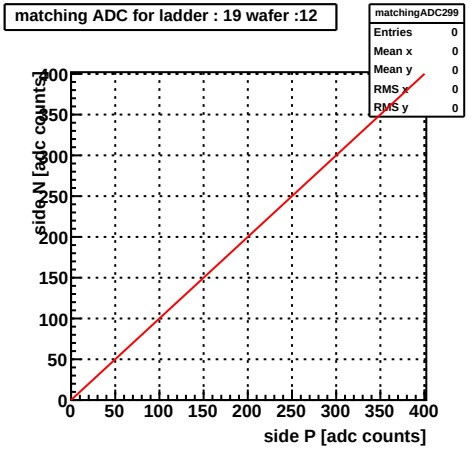

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

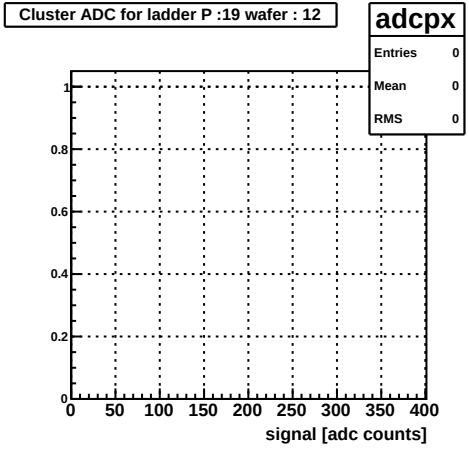

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

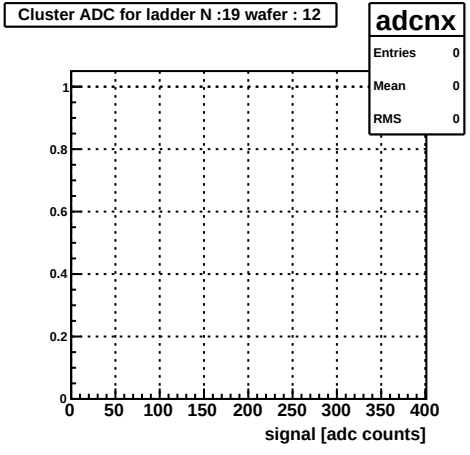

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

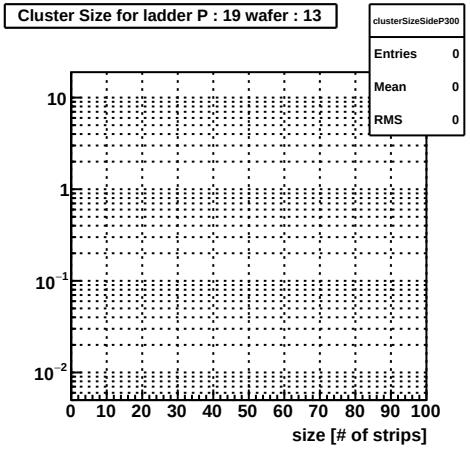

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

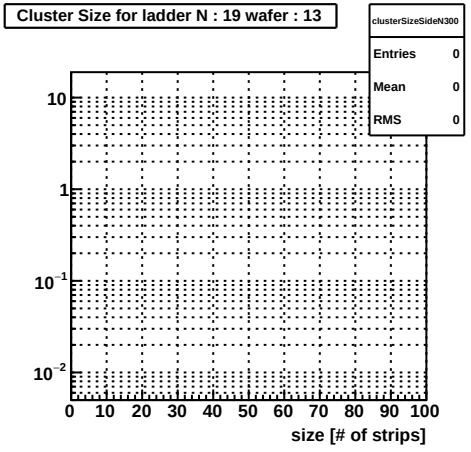

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

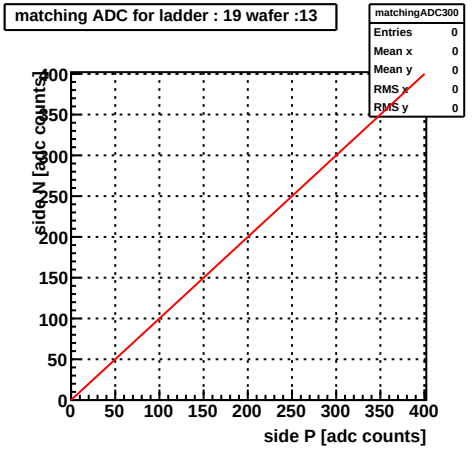

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

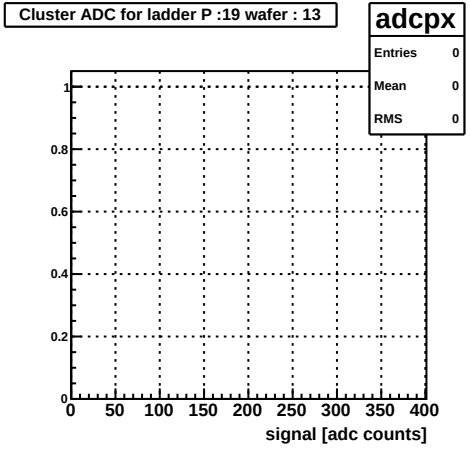

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

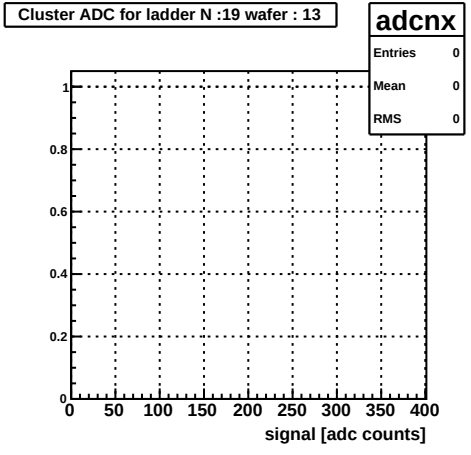

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

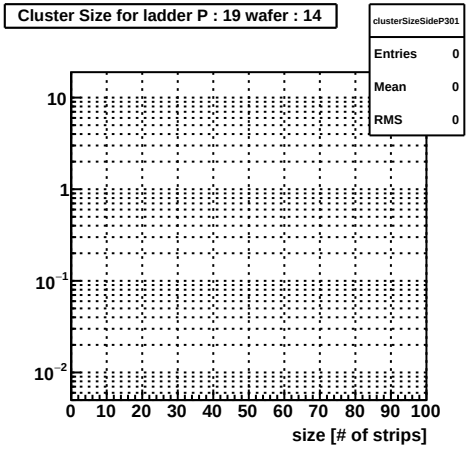

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

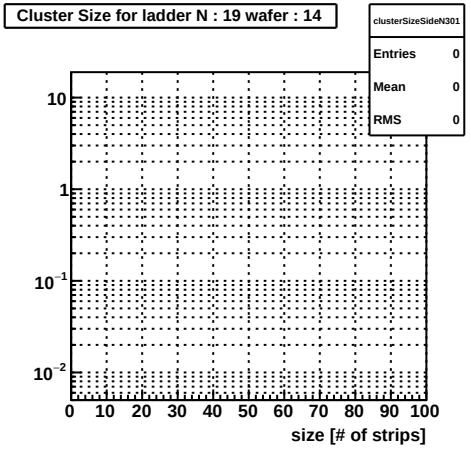

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

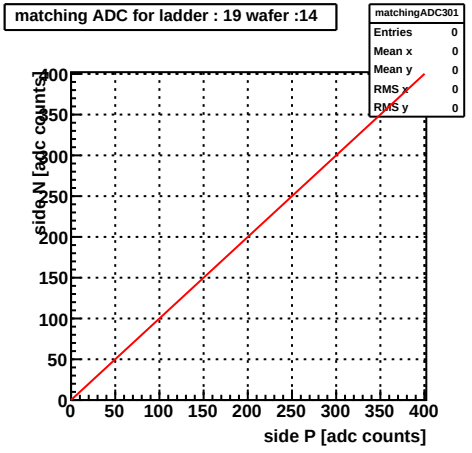

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

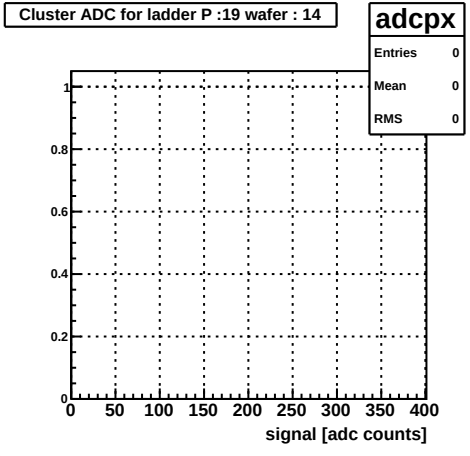

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

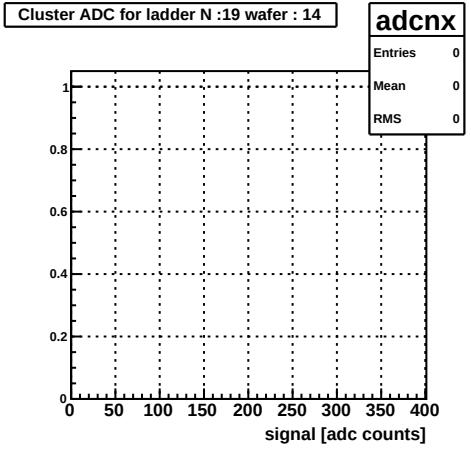

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

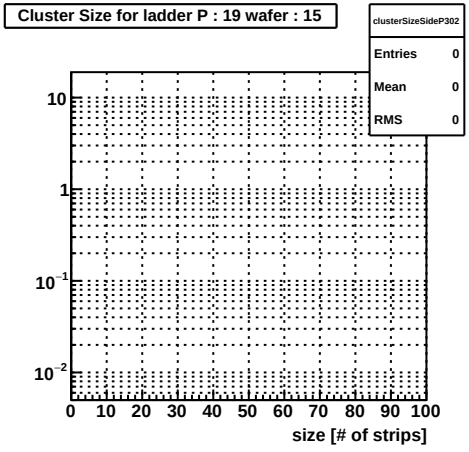

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

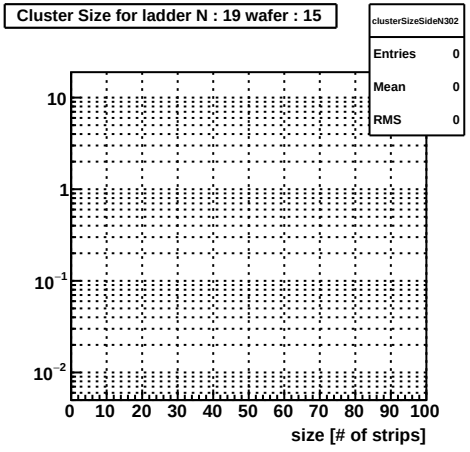

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

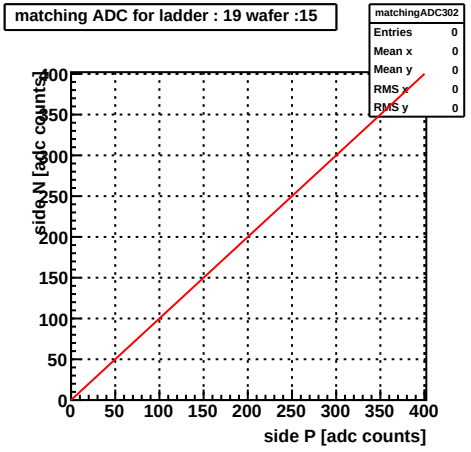

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

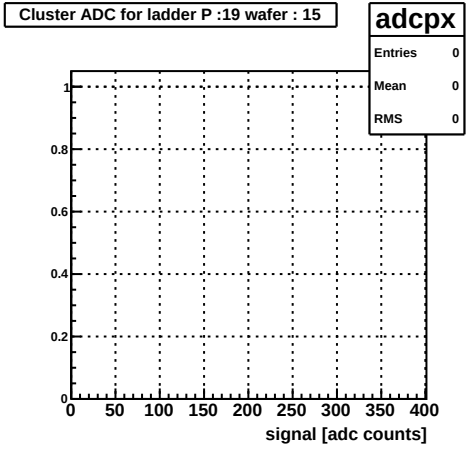

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

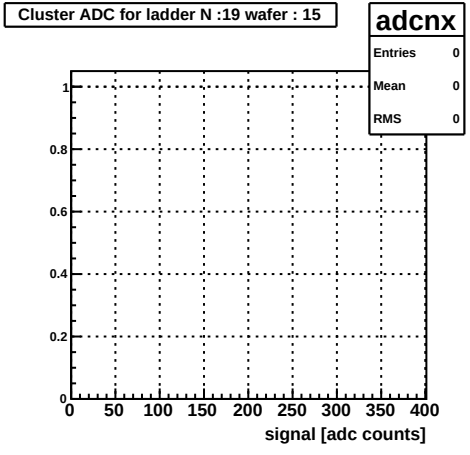

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

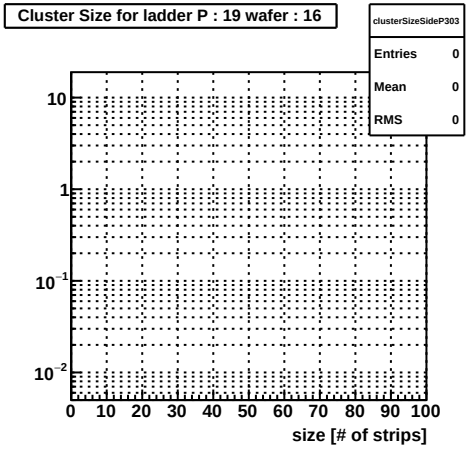

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

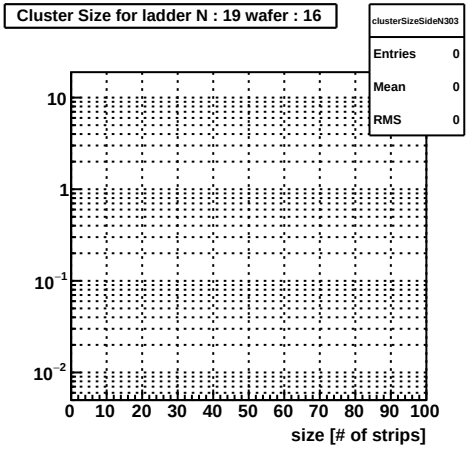

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

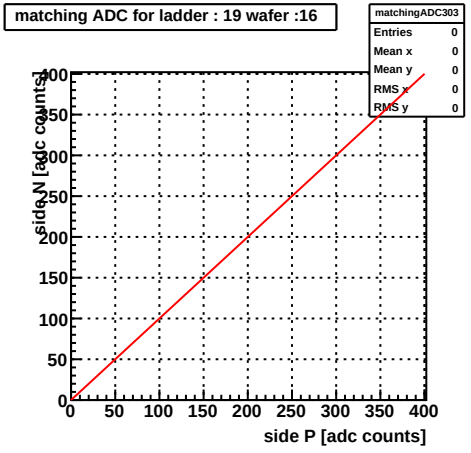

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

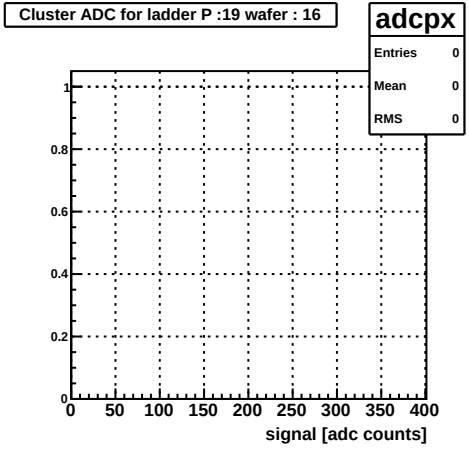

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

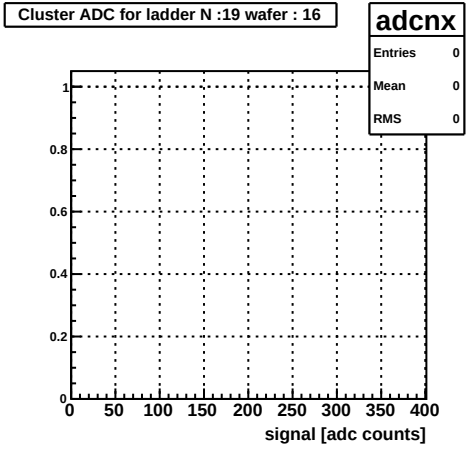

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

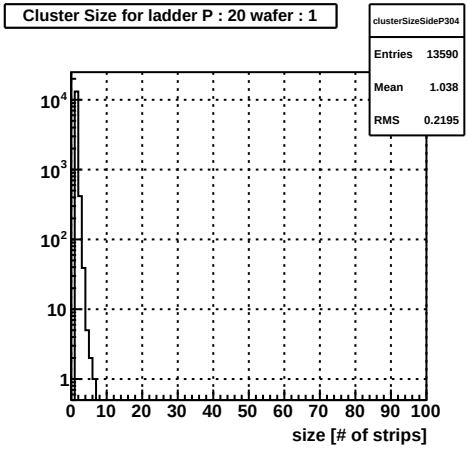

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

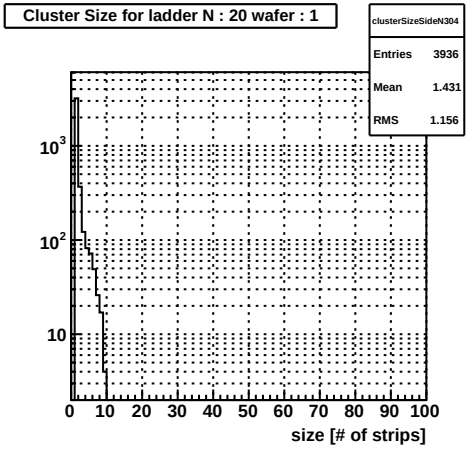

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

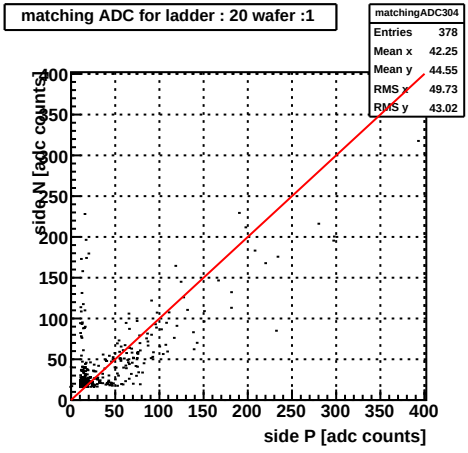

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

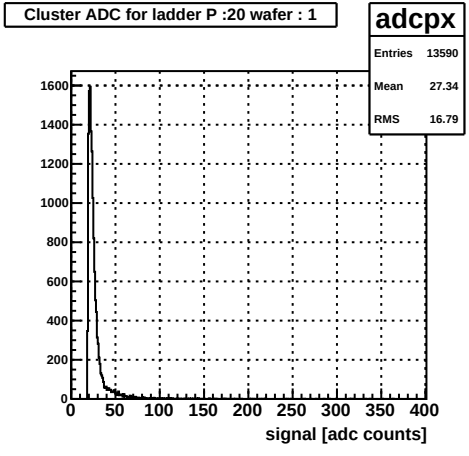

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

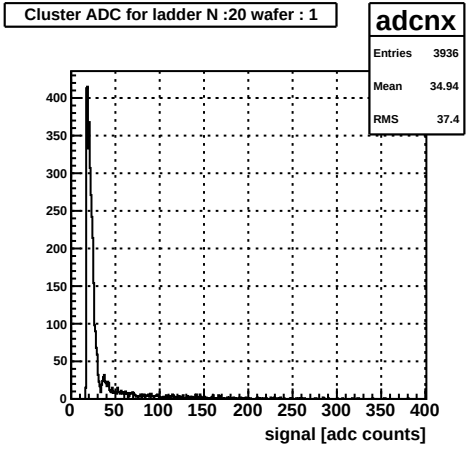

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

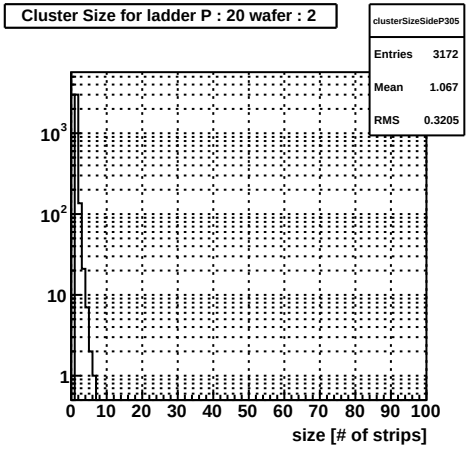

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 13590
Mean 1.038
RMS 0.2195
size [# of strips]

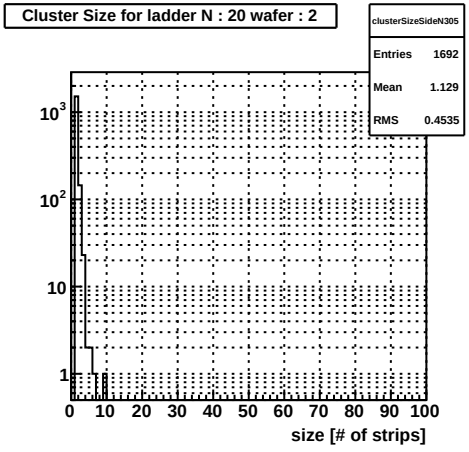

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3936
Mean 1.431
RMS 1.156
size [# of strips]

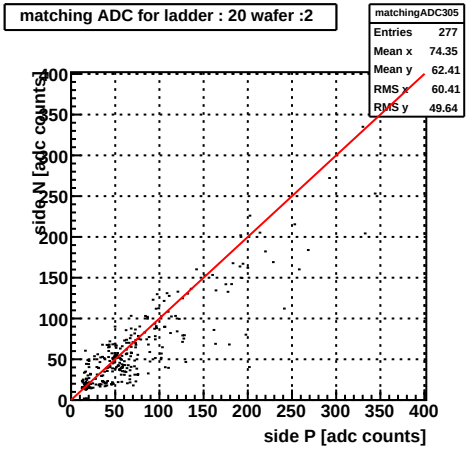

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 378
Mean x 42.25
Mean y 44.55
RMS x 49.73
RMS y 43.02
side N [adc counts]
side P [adc counts]

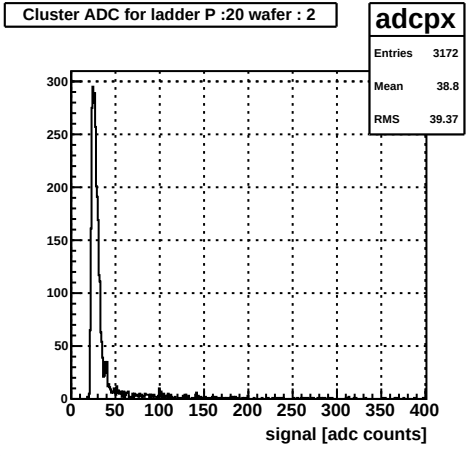

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 13590
Mean 27.34
RMS 16.79
signal [adc counts]

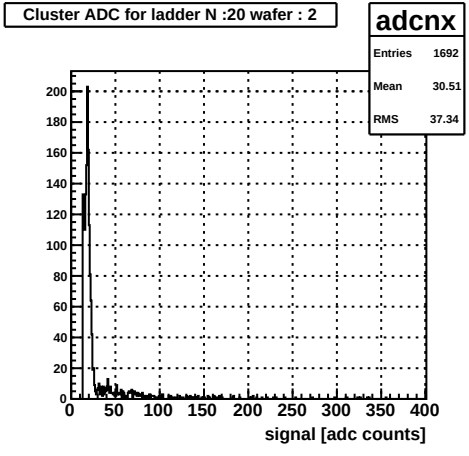

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3936
Mean 34.94
RMS 37.4
signal [adc counts]

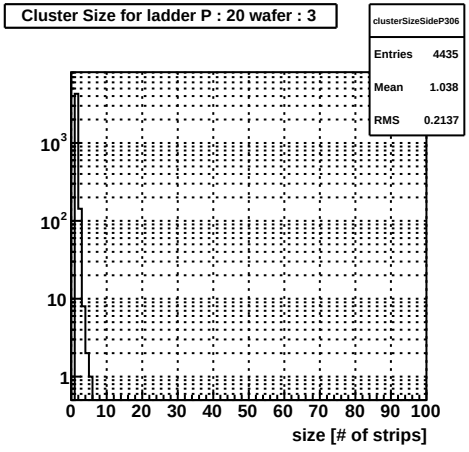

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3172
Mean 1.067
RMS 0.3205
size [# of strips]

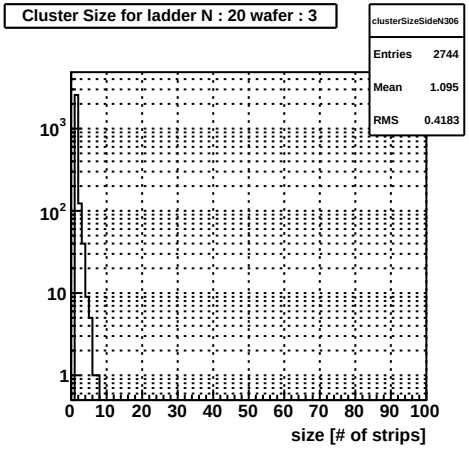

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1692
Mean 1.129
RMS 0.4535
size [# of strips]

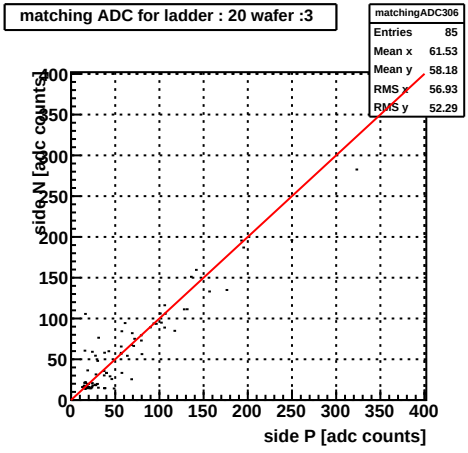

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 277
Mean x 74.35
Mean y 62.41
RMS x 60.41
RMS y 49.64
side N [adc counts]
side P [adc counts]

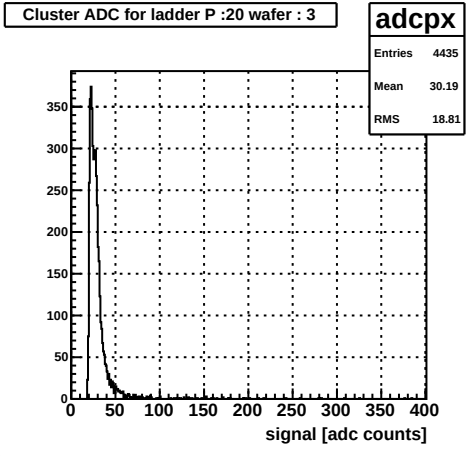

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3172
Mean 38.8
RMS 39.37
signal [adc counts]

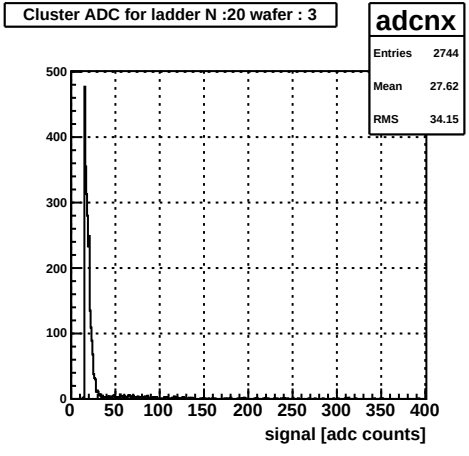

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1692
Mean 30.51
RMS 37.34
signal [adc counts]

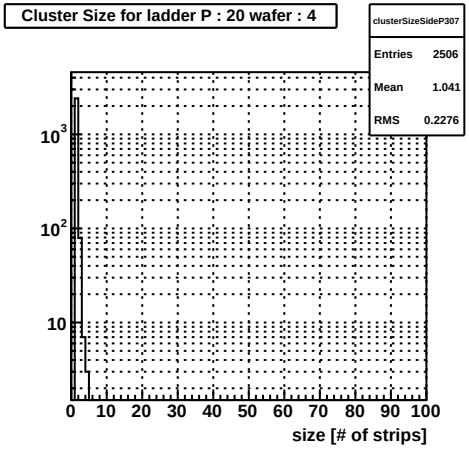

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 4435
Mean 1.038
RMS 0.2137
size [# of strips]

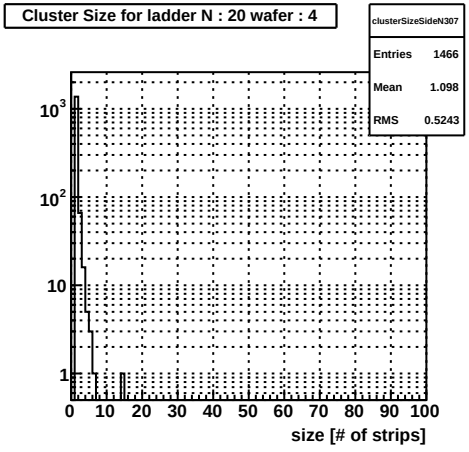

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2744
Mean 1.095
RMS 0.4183
size [# of strips]

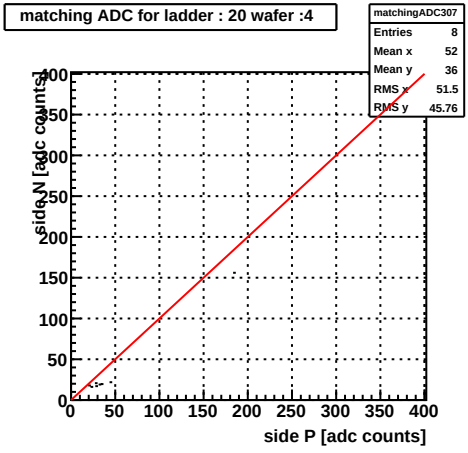

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 85
Mean x 61.53
Mean y 58.18
RMS x 56.93
RMS y 52.29
side N [adc counts]
side P [adc counts]

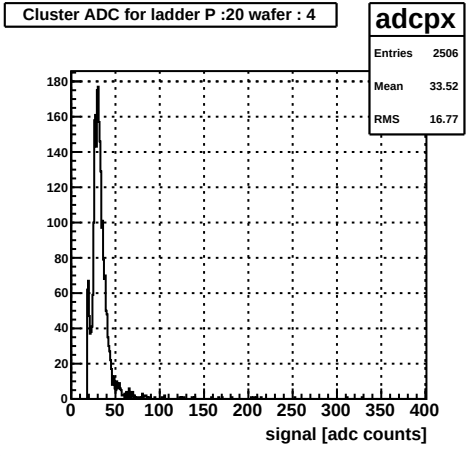

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 4435
Mean 30.19
RMS 18.81
signal [adc counts]

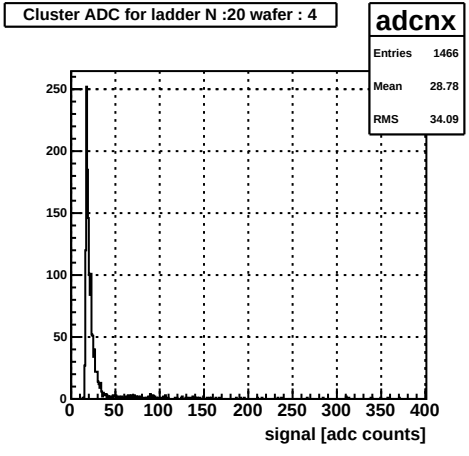

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2744
Mean 27.62
RMS 34.15
signal [adc counts]

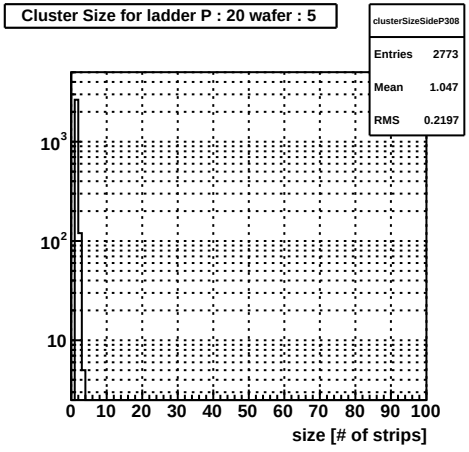

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2506
Mean 1.041
RMS 0.2276
size [# of strips]

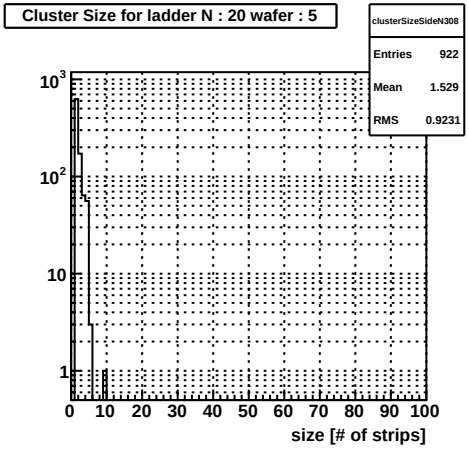

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1466
Mean 1.098
RMS 0.5243
size [# of strips]

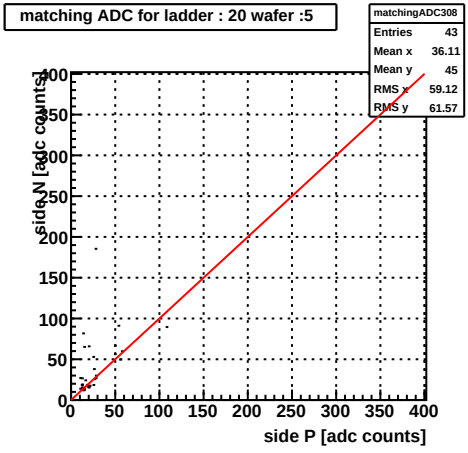

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 8
Mean x 52
Mean y 36
RMS x 51.5
RMS y 45.76
side N [adc counts]
side P [adc counts]

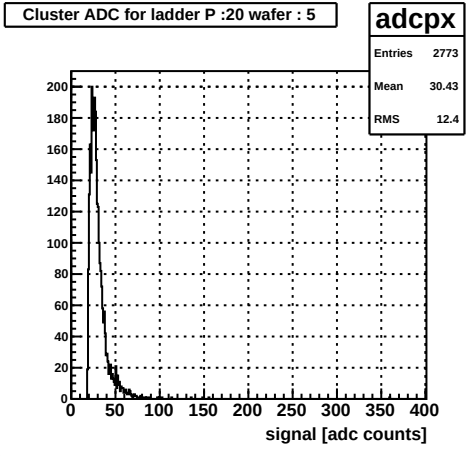

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2506
Mean 33.52
RMS 16.77
signal [adc counts]

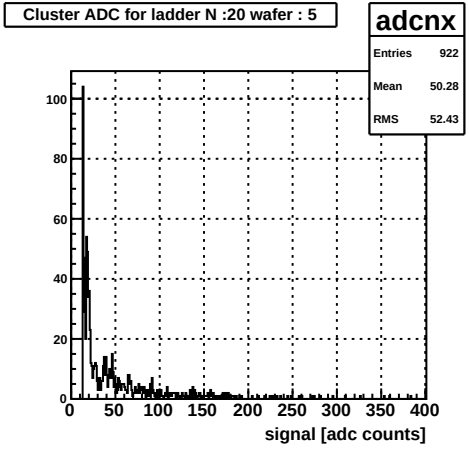

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1466
Mean 28.78
RMS 34.09
signal [adc counts]

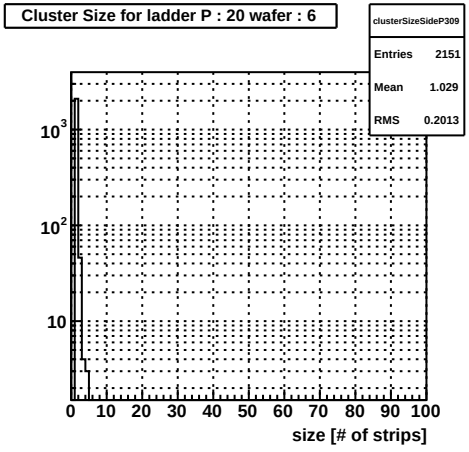

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2773
Mean 1.047
RMS 0.2197
size [# of strips]

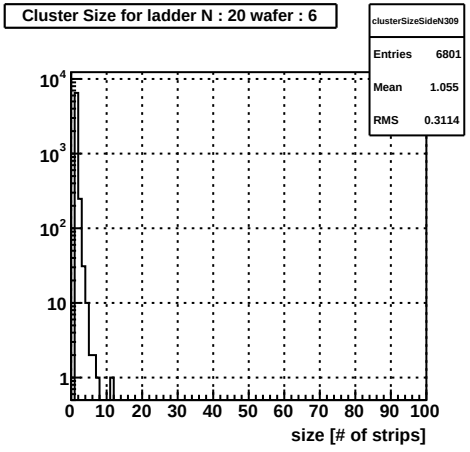

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 922
Mean 1.529
RMS 0.9231
size [# of strips]

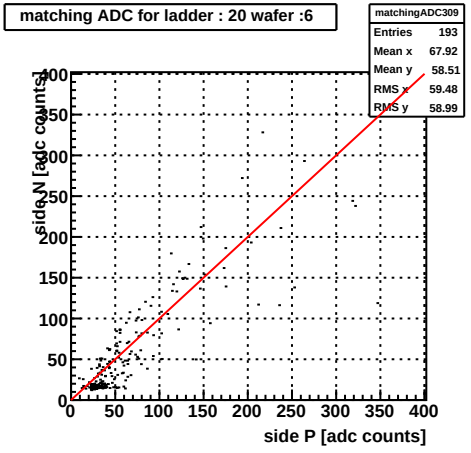

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 43
Mean x 36.11
Mean y 45
RMS x 59.12
RMS y 61.57
side N [adc counts]
side P [adc counts]

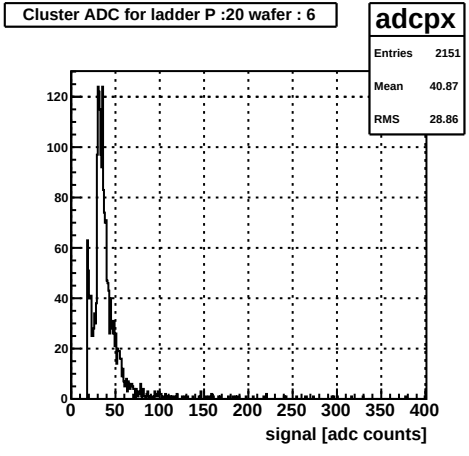

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2773
Mean 30.43
RMS 12.4
signal [adc counts]

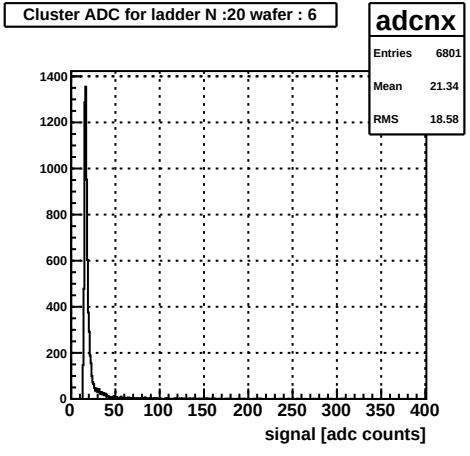

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 922
Mean 50.28
RMS 52.43
signal [adc counts]

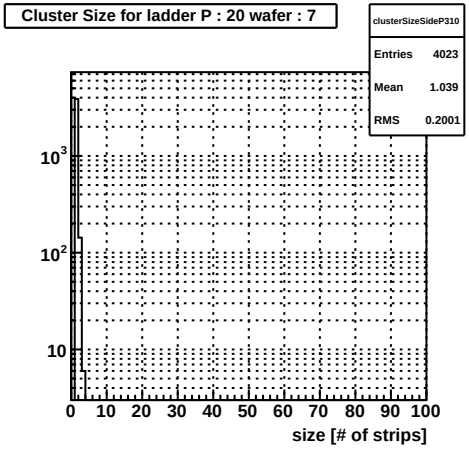

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2151
Mean 1.029
RMS 0.2013
size [# of strips]

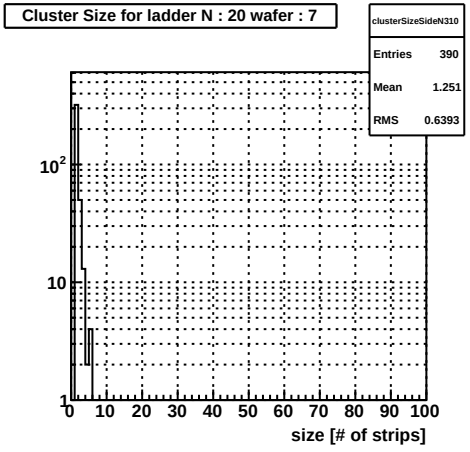

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 6801
Mean 1.055
RMS 0.3114
size [# of strips]

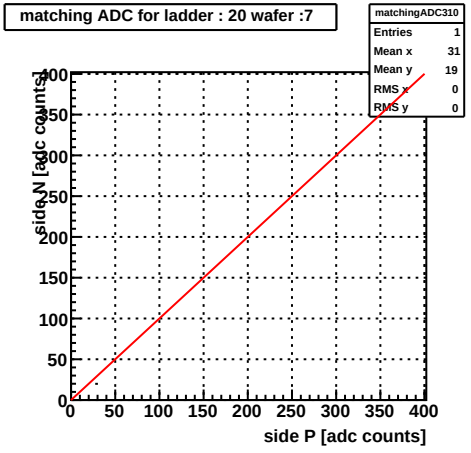

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 193
Mean x 67.92
Mean y 58.51
RMS x 59.48
RMS y 58.99
side N [adc counts]
side P [adc counts]

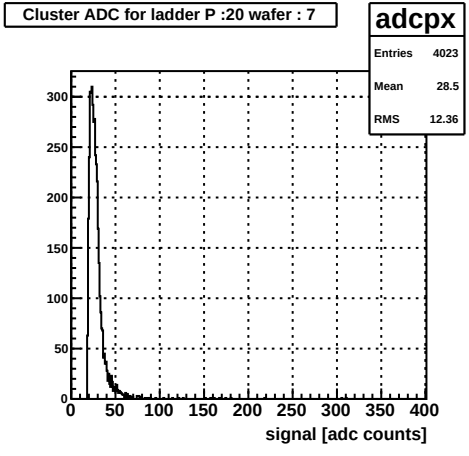

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2151
Mean 40.87
RMS 28.86
signal [adc counts]

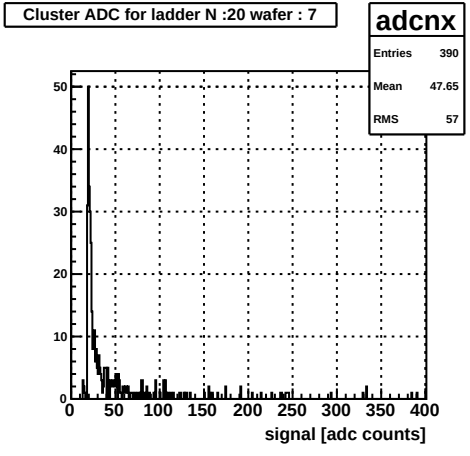

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 6801
Mean 21.34
RMS 18.58
signal [adc counts]

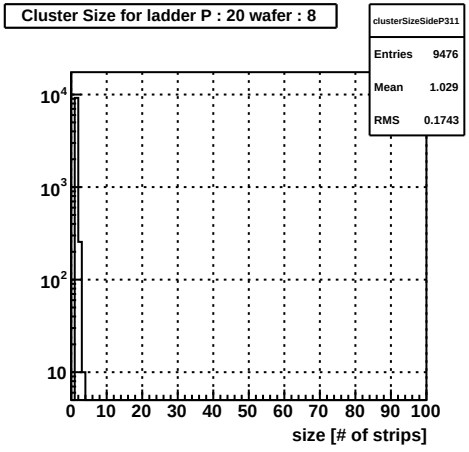

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4023
Mean 1.039
RMS 0.2001
size [# of strips]

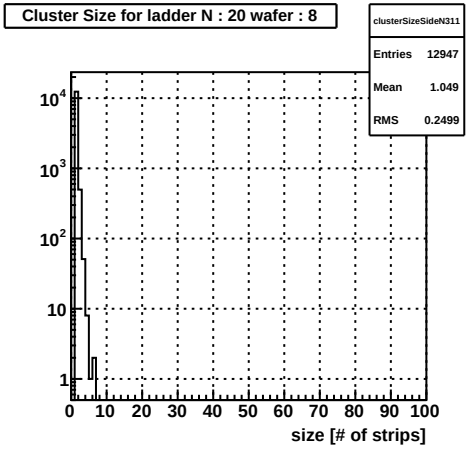

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 390
Mean 1.251
RMS 0.6393
size [# of strips]

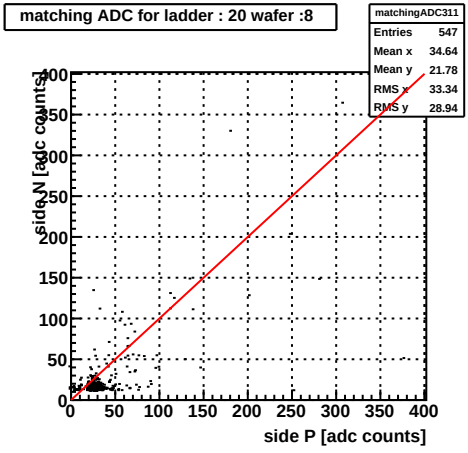

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 1
Mean x 31
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

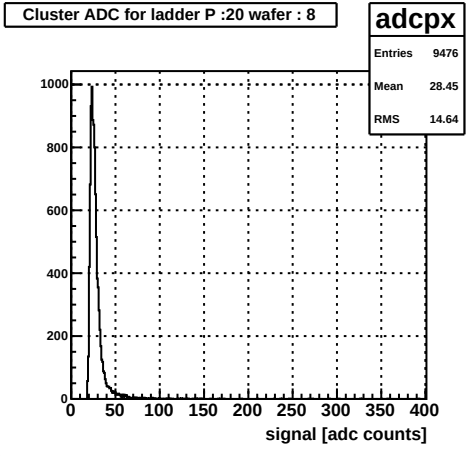

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4023
Mean 28.5
RMS 12.36
signal [adc counts]

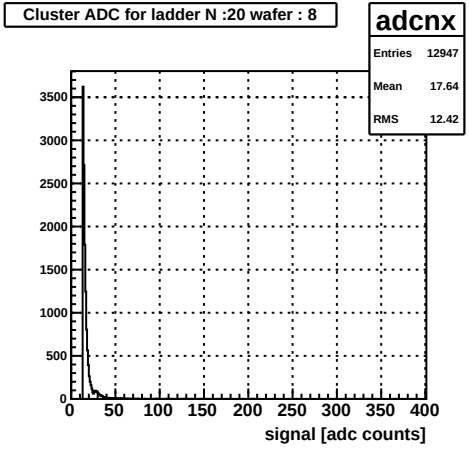

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 390
Mean 47.65
RMS 57
signal [adc counts]

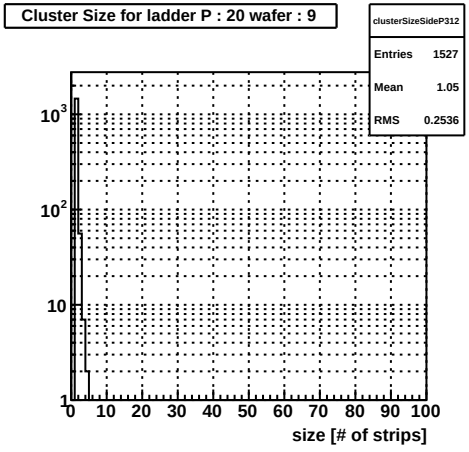

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 9476
Mean 1.029
RMS 0.1743
size [# of strips]

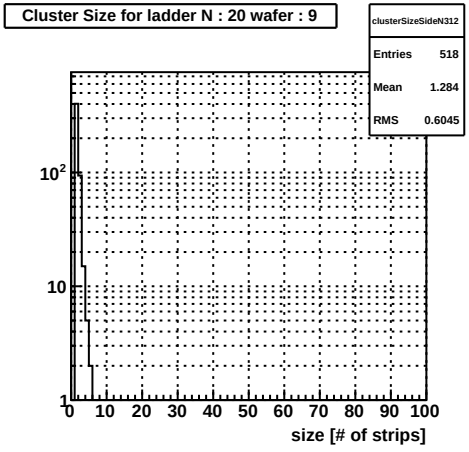

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 12947
Mean 1.049
RMS 0.2499
size [# of strips]

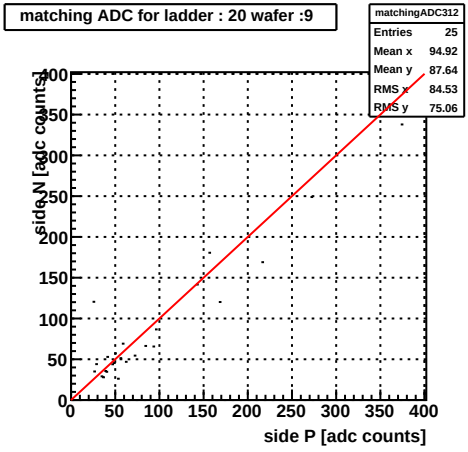

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 547
Mean x 34.64
Mean y 21.78
RMS x 33.34
RMS y 28.94
side N [adc counts]
side P [adc counts]

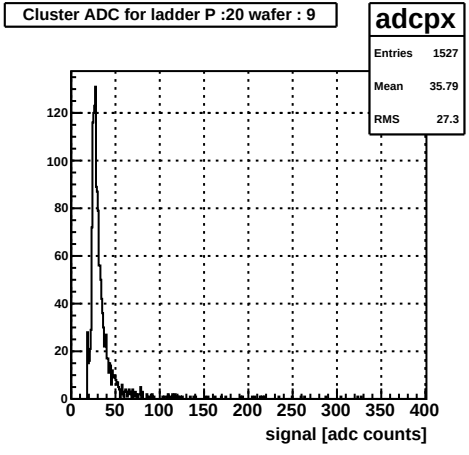

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 9476
Mean 28.45
RMS 14.64
signal [adc counts]

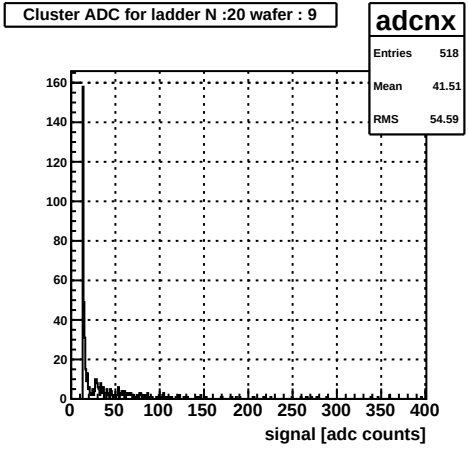

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 12947
Mean 17.64
RMS 12.42
signal [adc counts]

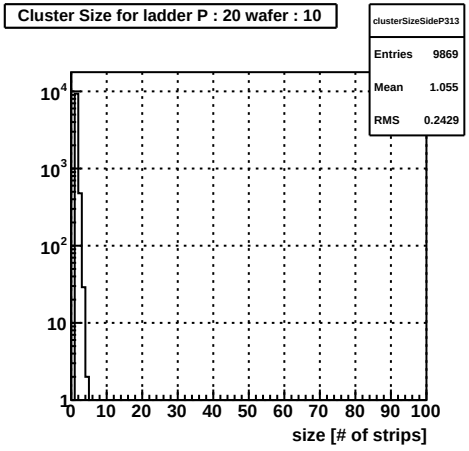

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1527
Mean 1.05
RMS 0.2536
size [# of strips]

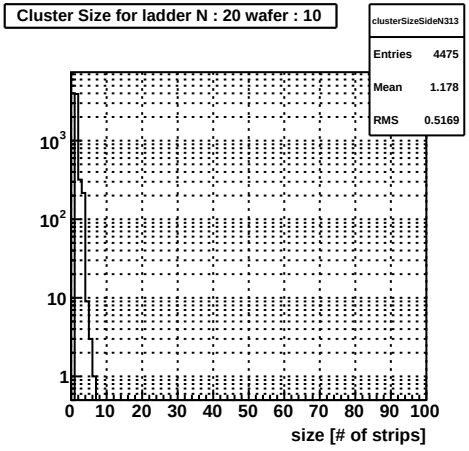

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 518
Mean 1.284
RMS 0.6045
size [# of strips]

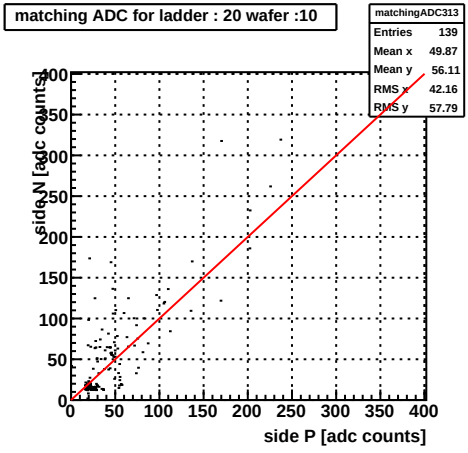

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 25
Mean x 94.92
Mean y 87.64
RMS x 84.53
RMS y 75.06
side N [adc counts]
side P [adc counts]

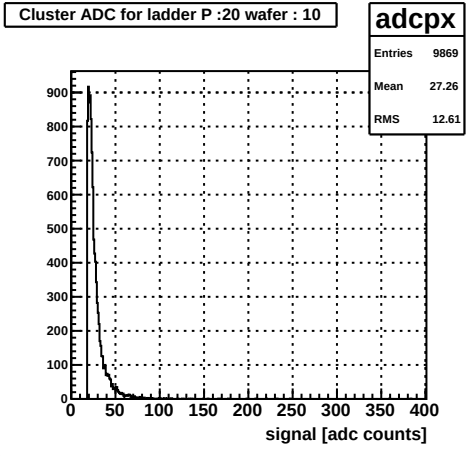

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1527
Mean 35.79
RMS 27.3
signal [adc counts]

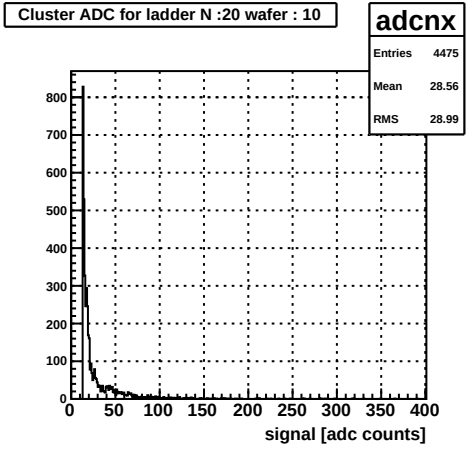

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 518
Mean 41.51
RMS 54.59
signal [adc counts]

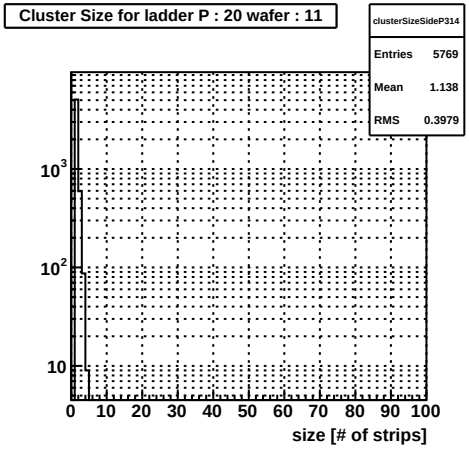

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 9869
Mean 1.055
RMS 0.2429
size [# of strips]

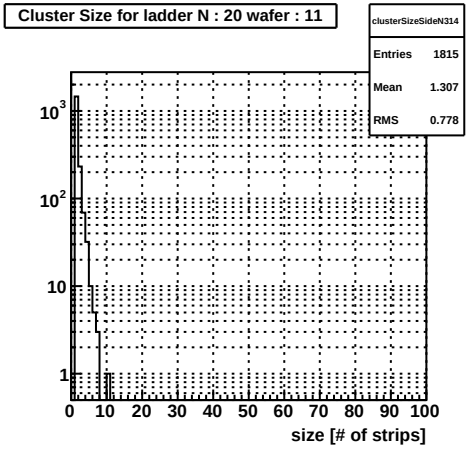

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4475
Mean 1.178
RMS 0.5169
size [# of strips]

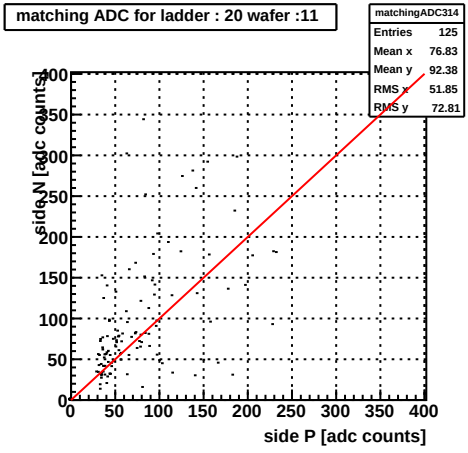

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 139
Mean x 49.87
Mean y 56.11
RMS x 42.16
RMS y 57.79
side N [adc counts]
side P [adc counts]

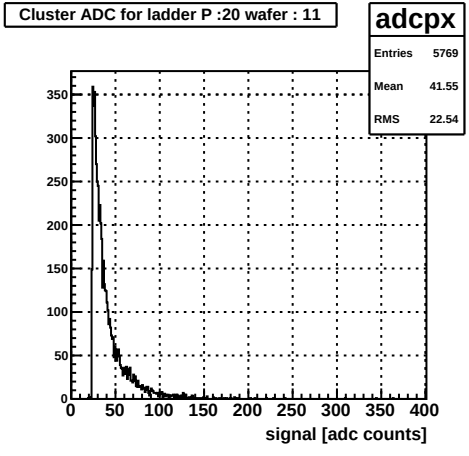

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 9869
Mean 27.26
RMS 12.61
signal [adc counts]

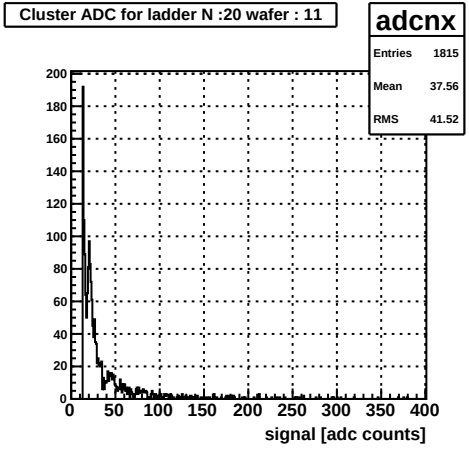

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4475
Mean 28.56
RMS 28.99
signal [adc counts]

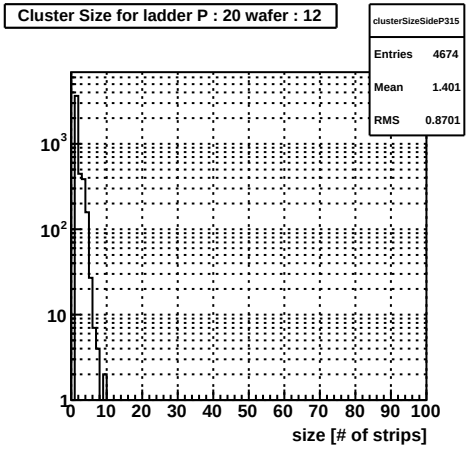

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5769
Mean 1.138
RMS 0.3979
size [# of strips]

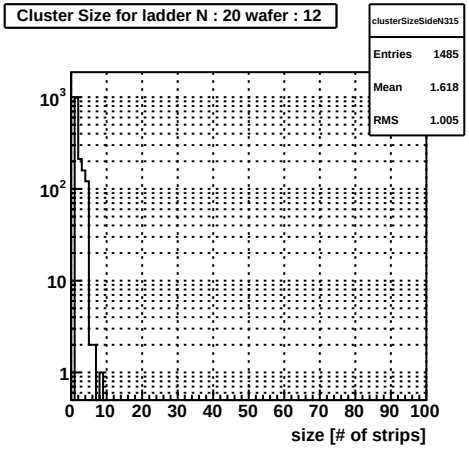

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1815
Mean 1.307
RMS 0.778
size [# of strips]

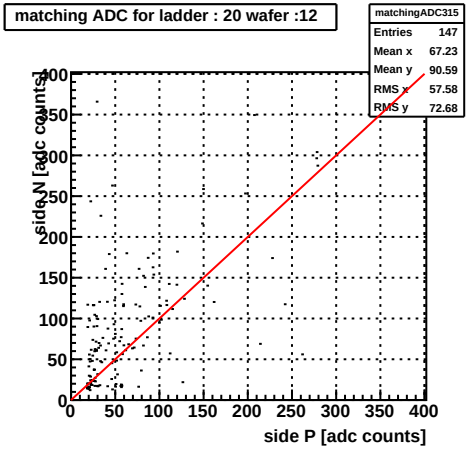

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 125
Mean x 76.83
Mean y 92.38
RMS x 51.85
RMS y 72.81
side N [adc counts]
side P [adc counts]

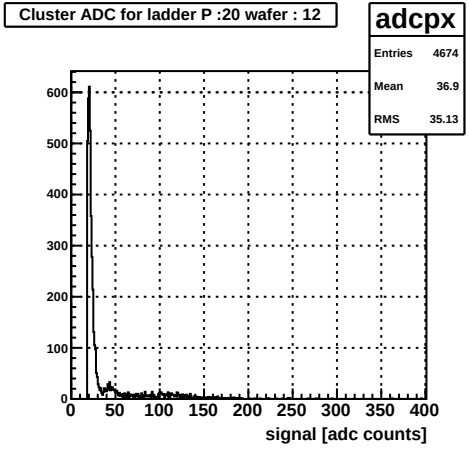

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5769
Mean 41.55
RMS 22.54
signal [adc counts]

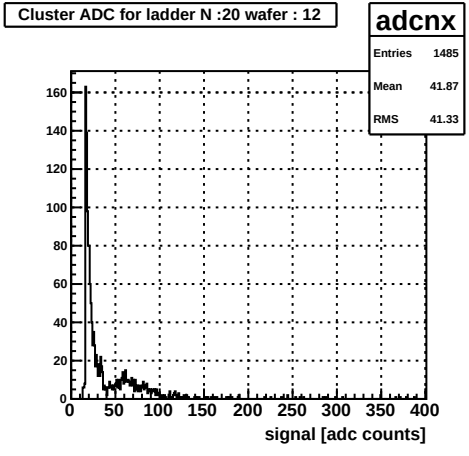

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1815
Mean 37.56
RMS 41.52
signal [adc counts]

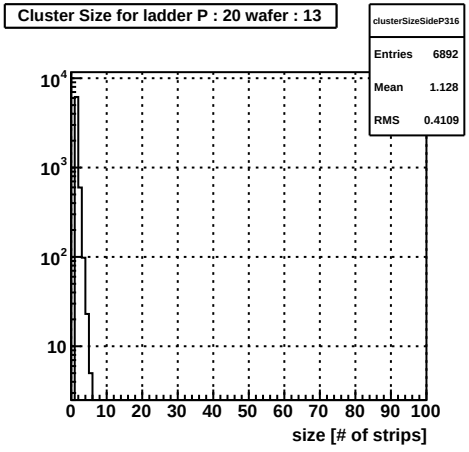

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4674
Mean 1.401
RMS 0.8701
size [# of strips]

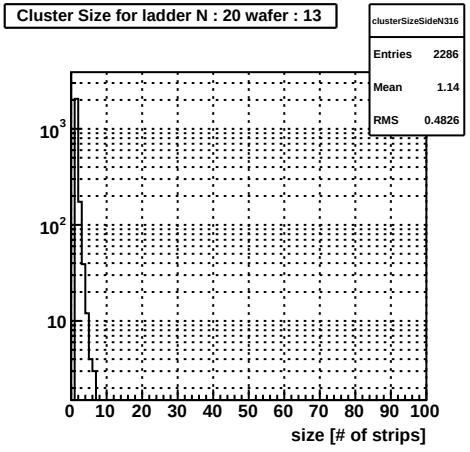

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1485
Mean 1.618
RMS 1.005
size [# of strips]

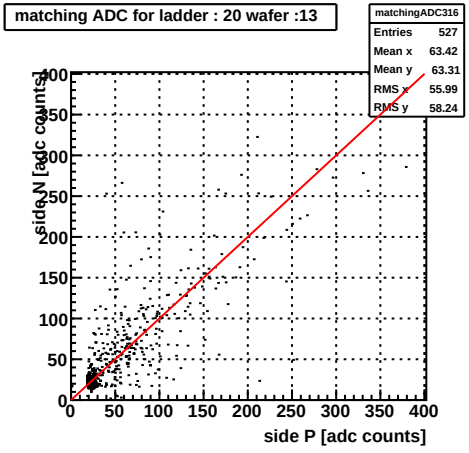

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 147
Mean x 67.23
Mean y 90.59
RMS x 57.58
RMS y 72.68
side N [adc counts]
side P [adc counts]

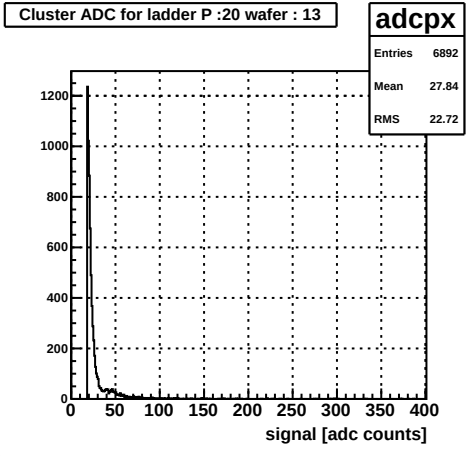

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4674
Mean 36.9
RMS 35.13
signal [adc counts]

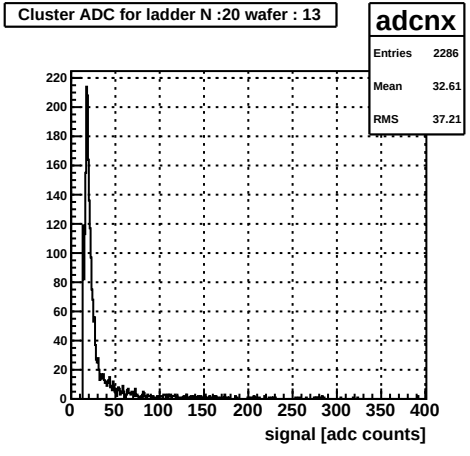

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1485
Mean 41.87
RMS 41.33
signal [adc counts]

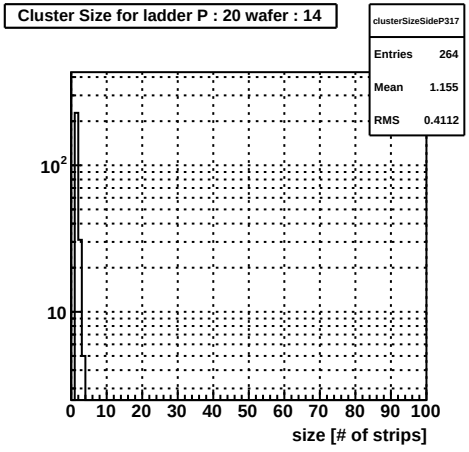

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6892
Mean 1.128
RMS 0.4109
size [# of strips]

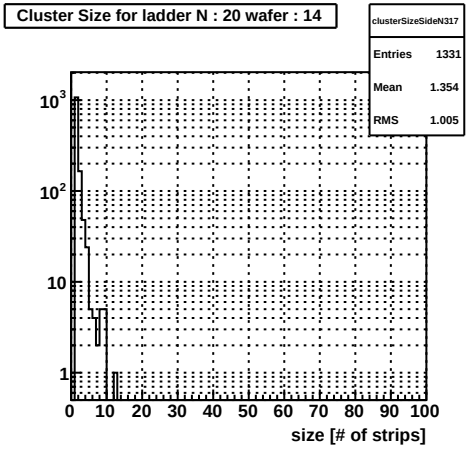

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2286
Mean 1.14
RMS 0.4826
size [# of strips]

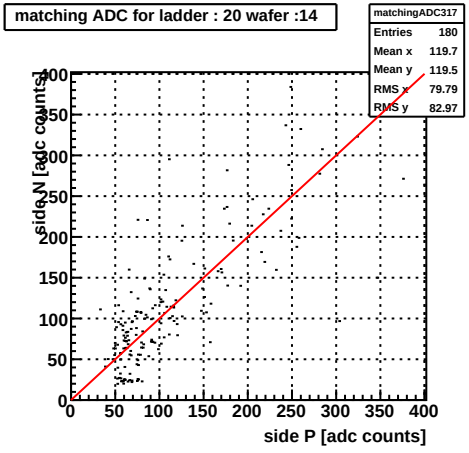

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 527
Mean x 63.42
Mean y 63.31
RMS x 55.99
RMS y 58.24
side N [adc counts]
side P [adc counts]

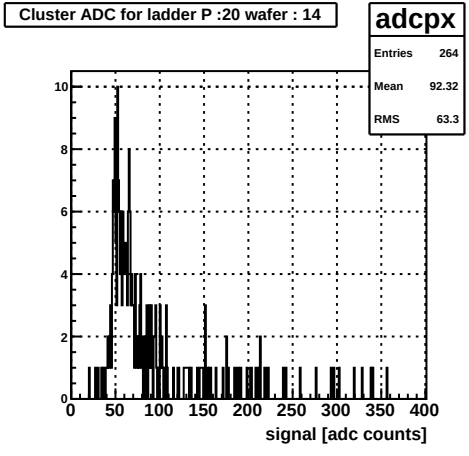

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6892
Mean 27.84
RMS 22.72
signal [adc counts]

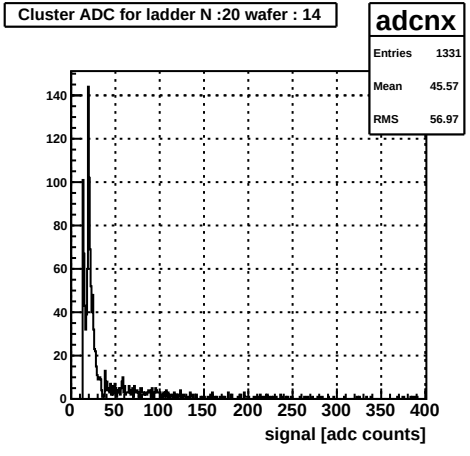

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2286
Mean 32.61
RMS 37.21
signal [adc counts]

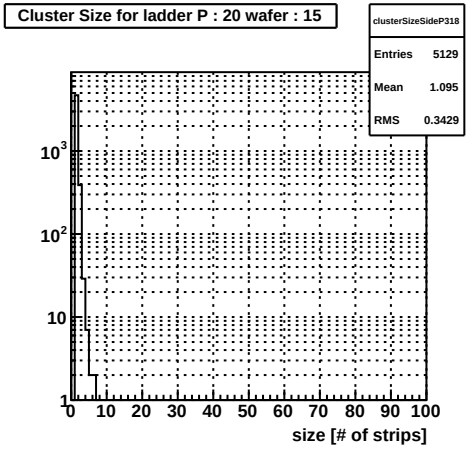

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 264
Mean 1.155
RMS 0.4112
size [# of strips]

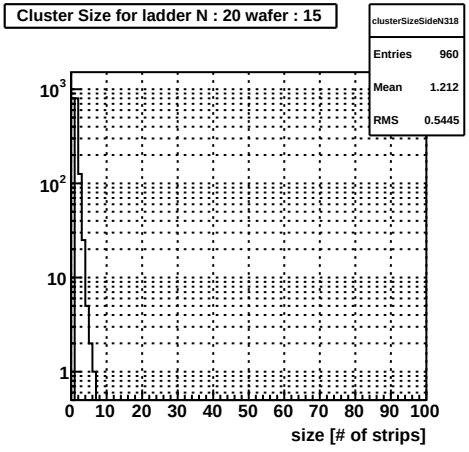

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1331
Mean 1.354
RMS 1.005
size [# of strips]

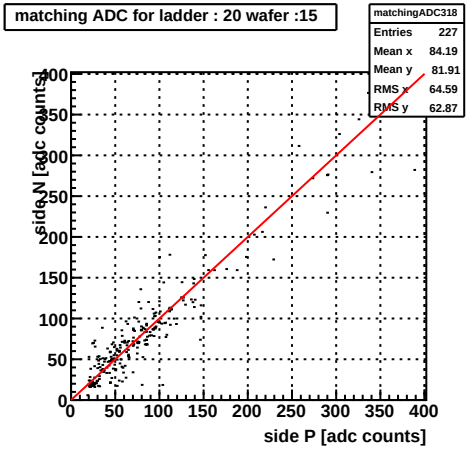

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 180
Mean x 119.7
Mean y 119.5
RMS x 79.79
RMS y 82.97
side N [adc counts]
side P [adc counts]

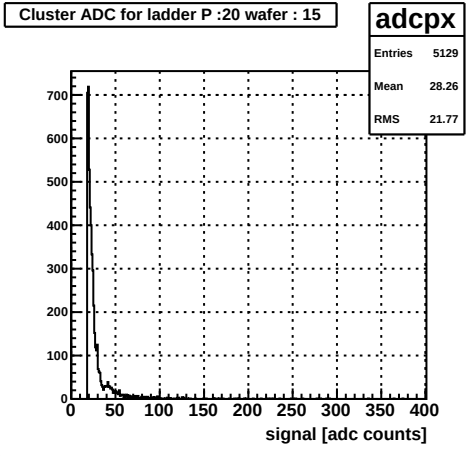

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 264
Mean 92.32
RMS 63.3
signal [adc counts]

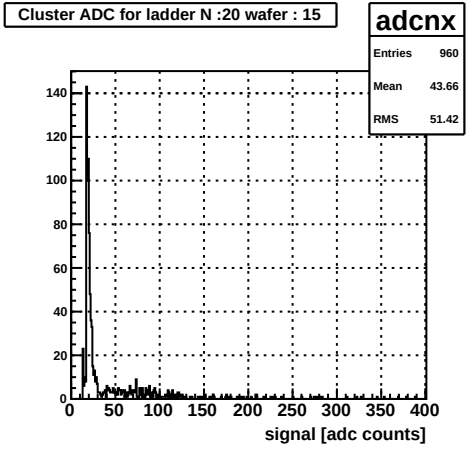

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1331
Mean 45.57
RMS 56.97
signal [adc counts]

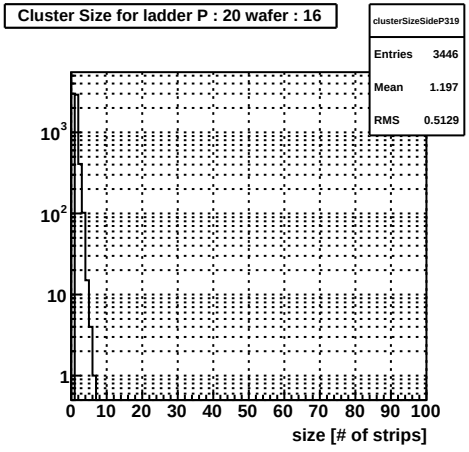

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5129
Mean 1.095
RMS 0.3429
size [# of strips]

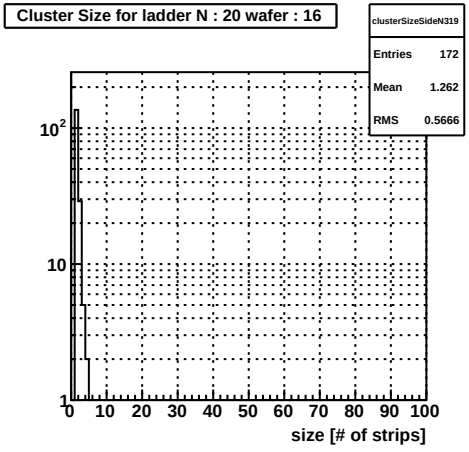

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 960
Mean 1.212
RMS 0.5445
size [# of strips]

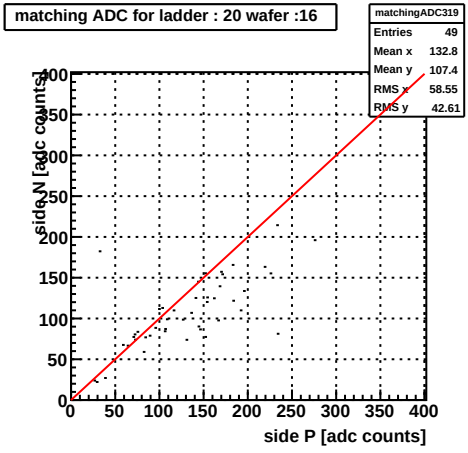

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 227
Mean x 84.19
Mean y 81.91
RMS x 64.59
RMS y 62.87
side N [adc counts]
side P [adc counts]

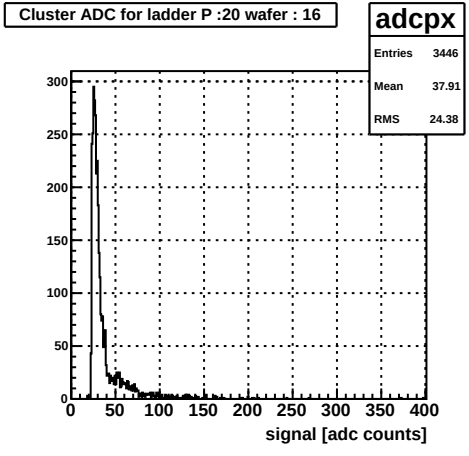

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5129
Mean 28.26
RMS 21.77
signal [adc counts]

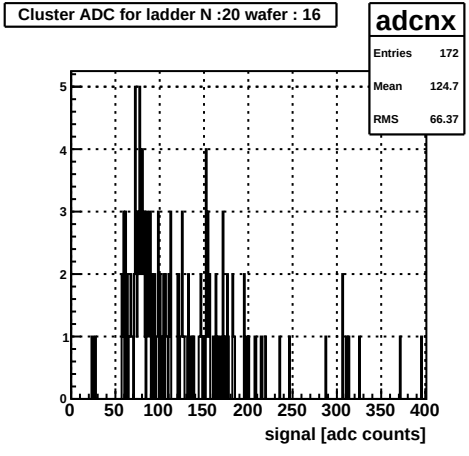

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 960
Mean 43.66
RMS 51.42
signal [adc counts]

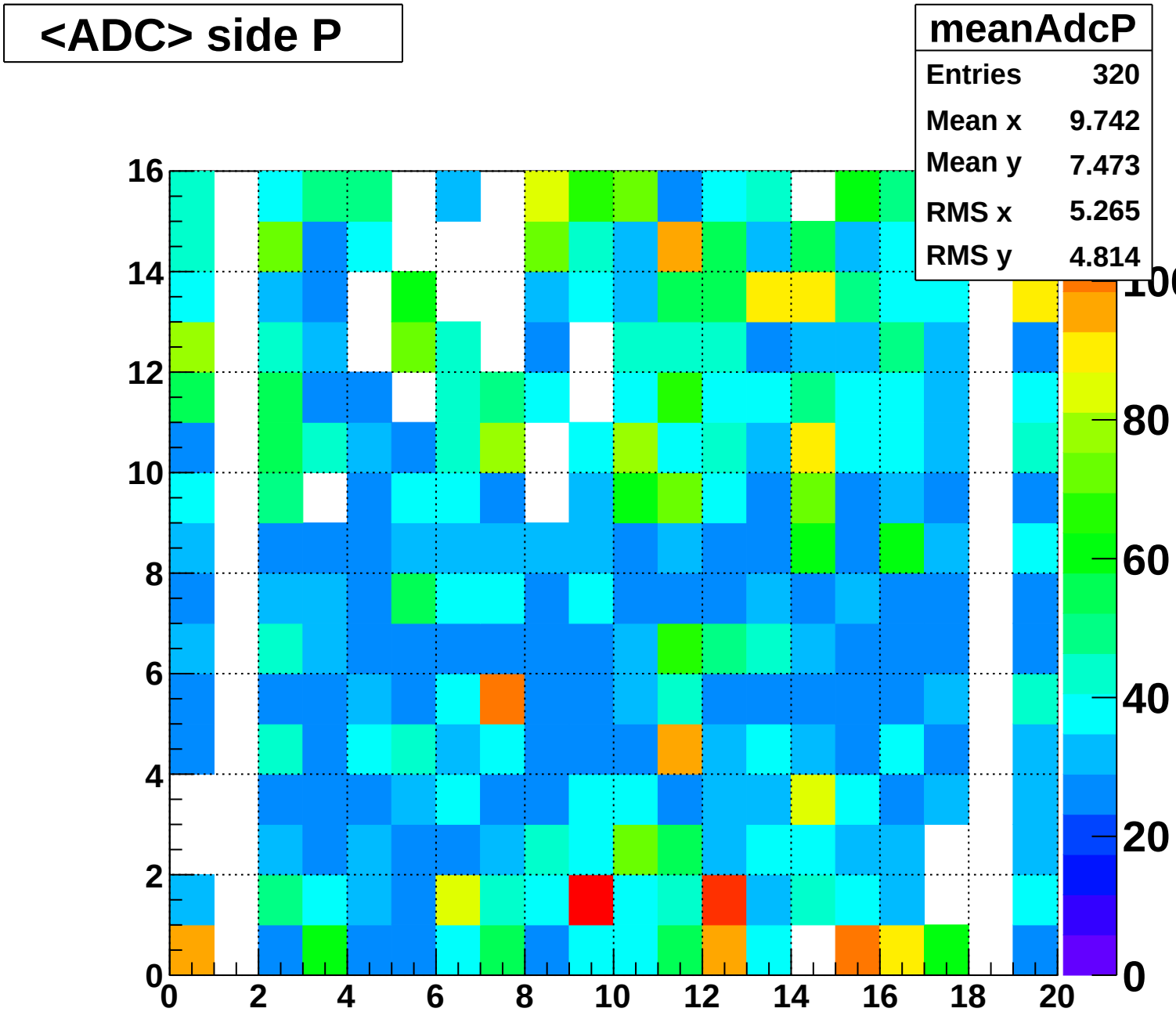

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3446
Mean 1.197
RMS 0.5129
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 172
Mean 1.262
RMS 0.5666
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 49
Mean x 132.8
Mean y 107.4
RMS x 58.55
RMS y 42.61
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3446
Mean 37.91
RMS 24.38
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 172
Mean 124.7
RMS 66.37
signal [adc counts]



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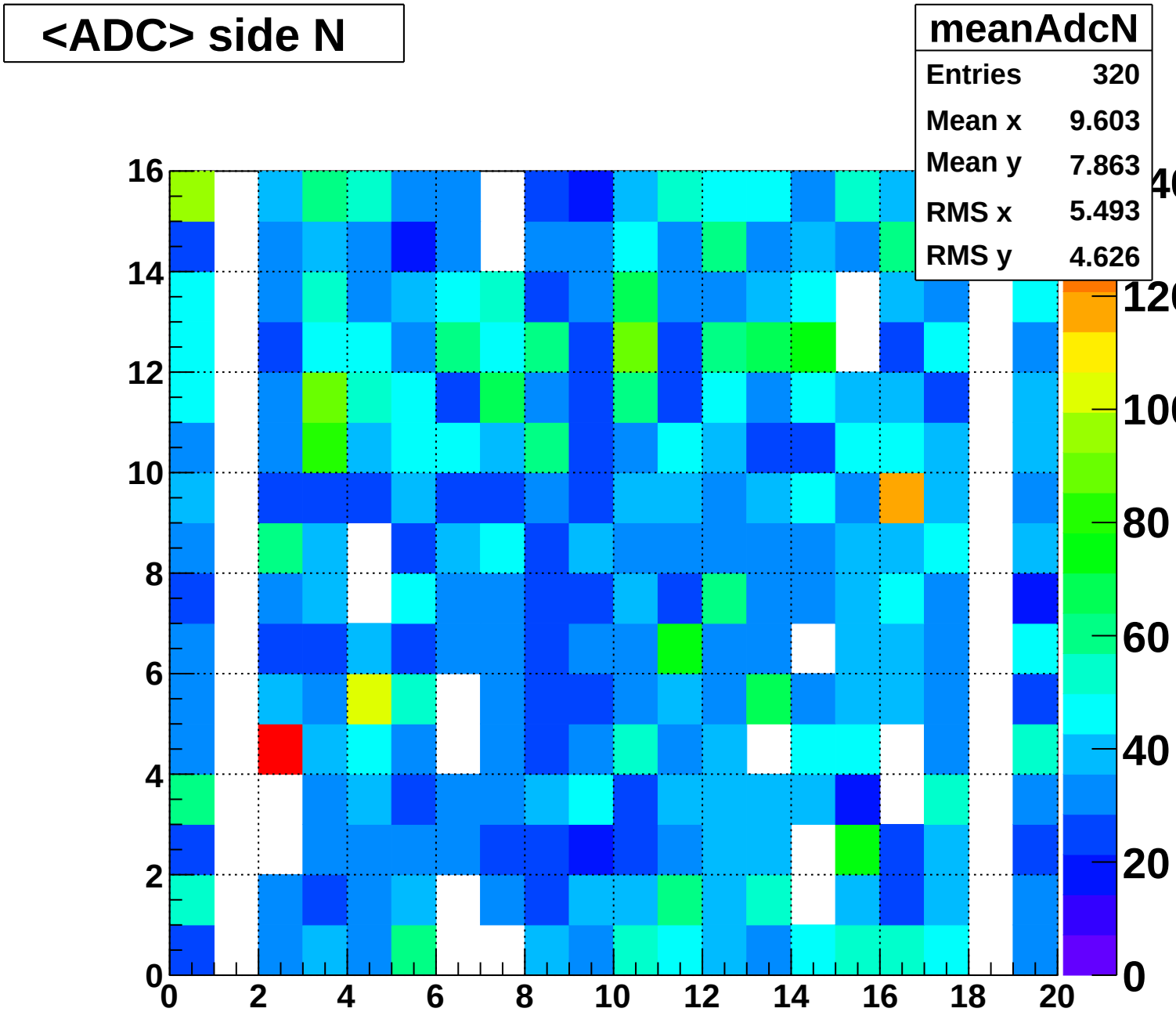

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