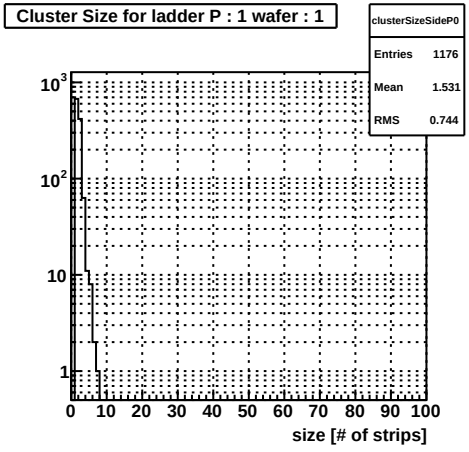
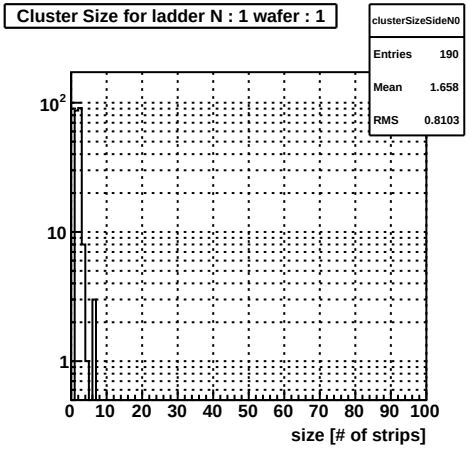
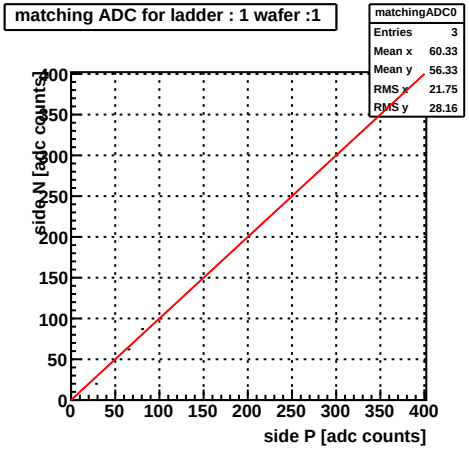
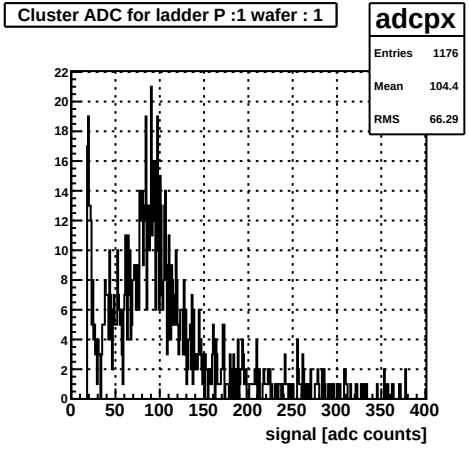
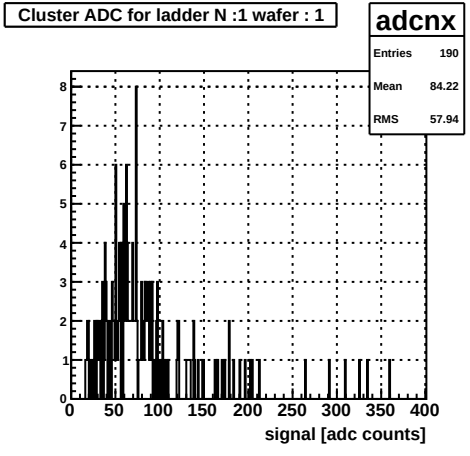
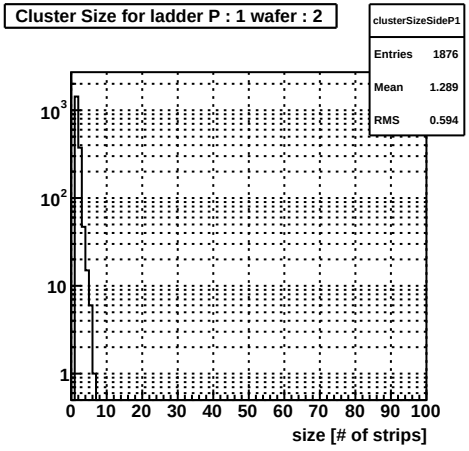

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1176
Mean 1.531
RMS 0.744
size [# of strips]

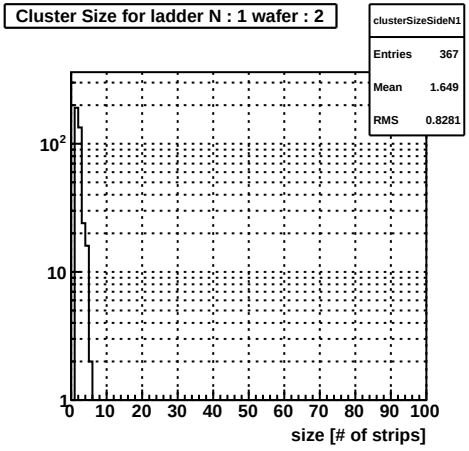

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 190
Mean 1.658
RMS 0.8103
size [# of strips]

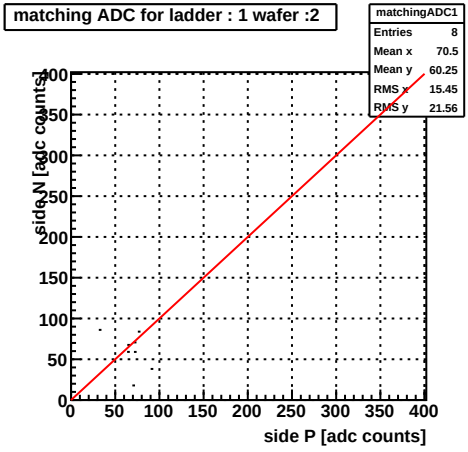

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 3
Mean x 60.33
Mean y 56.33
RMS x 21.75
RMS y 28.16
side N [adc counts]
side P [adc counts]

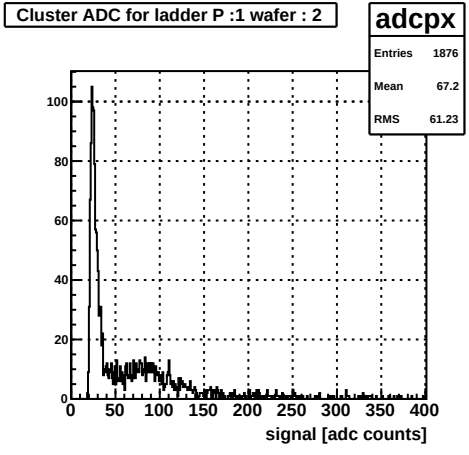

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1176
Mean 104.4
RMS 66.29
signal [adc counts]

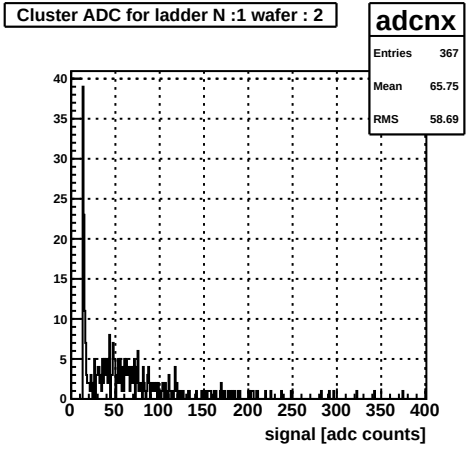

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 190
Mean 84.22
RMS 57.94
signal [adc counts]

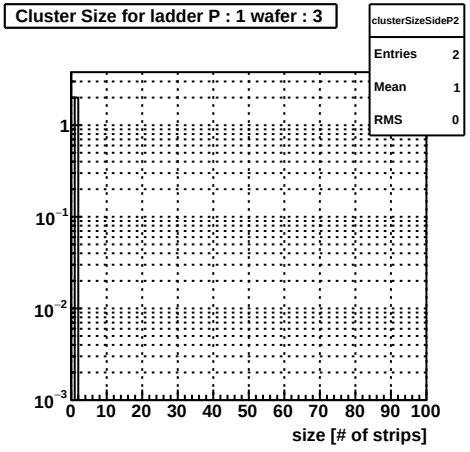

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1876
Mean 1.289
RMS 0.594
size [# of strips]

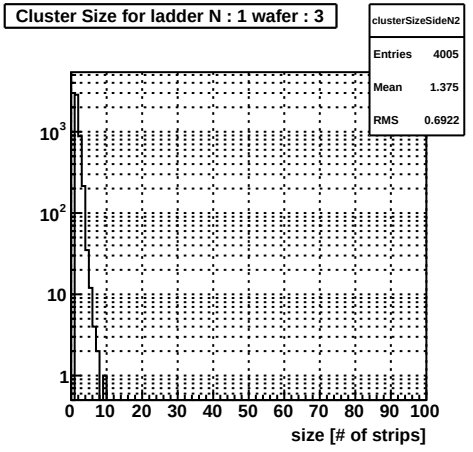

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 367
Mean 1.649
RMS 0.8281
size [# of strips]

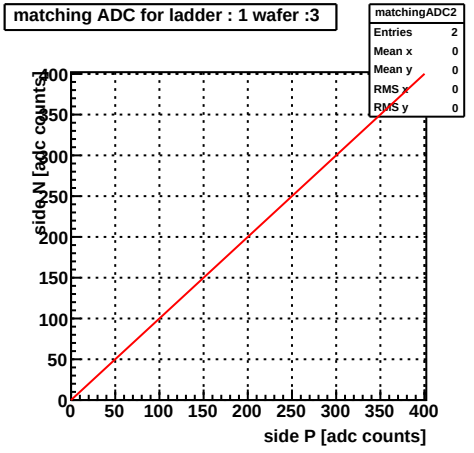

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 8
Mean x 70.5
Mean y 60.25
RMS x 15.45
RMS y 21.56
side N [adc counts]
side P [adc counts]

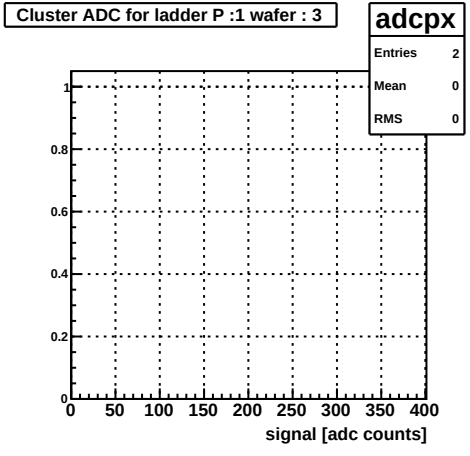

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1876
Mean 67.2
RMS 61.23
signal [adc counts]

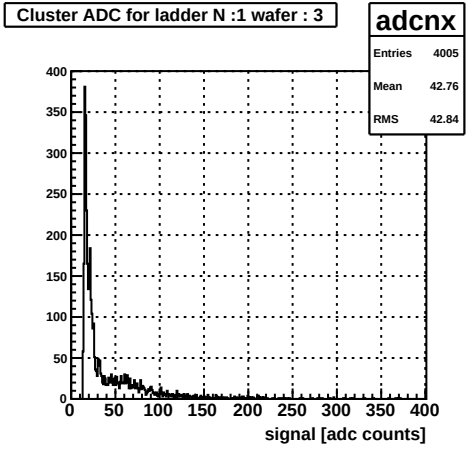

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 367
Mean 65.75
RMS 58.69
signal [adc counts]

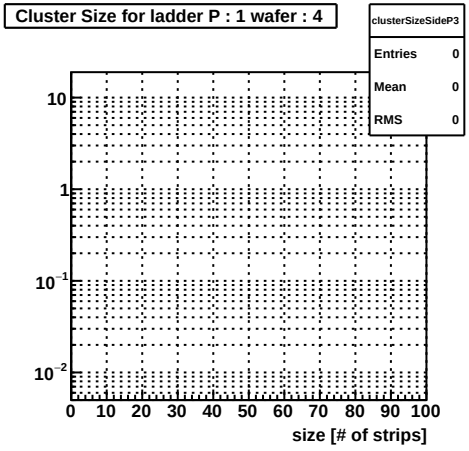

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

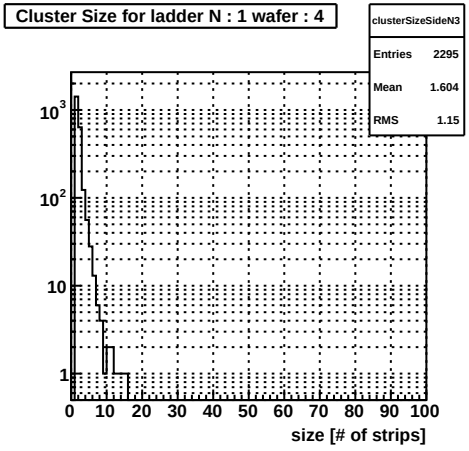

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4005
Mean 1.375
RMS 0.6922
size [# of strips]

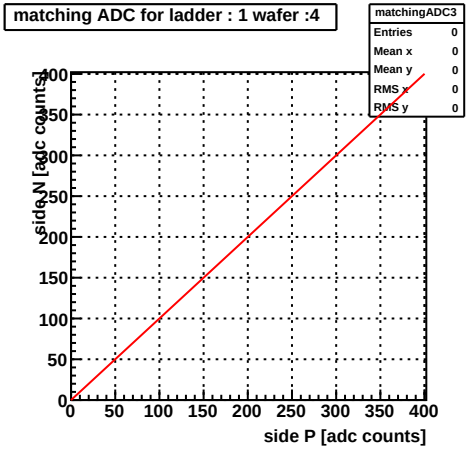

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

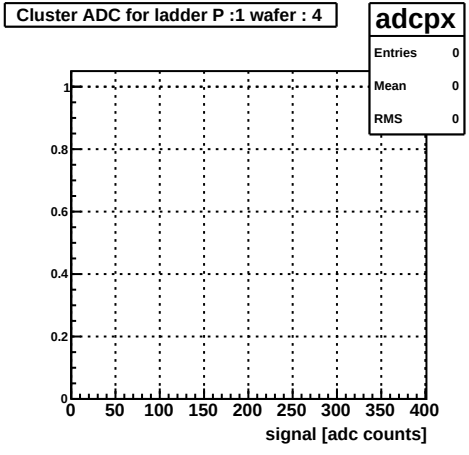

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

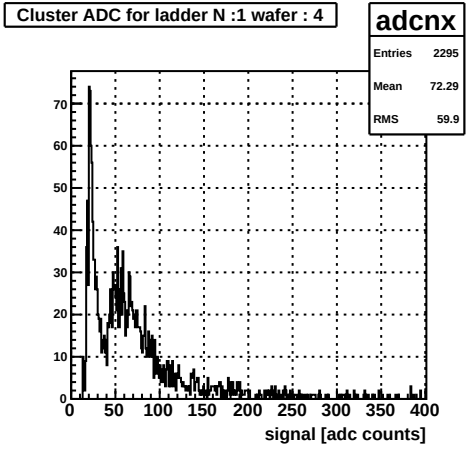

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4005
Mean 42.76
RMS 42.84
signal [adc counts]

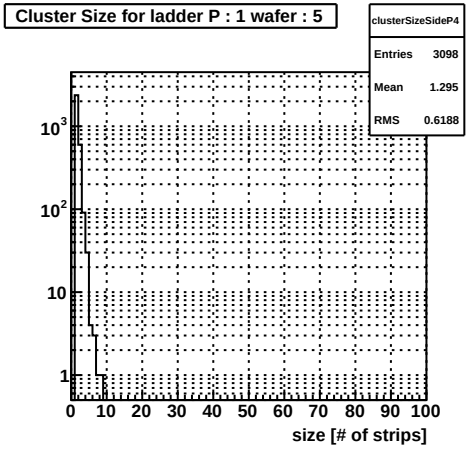

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

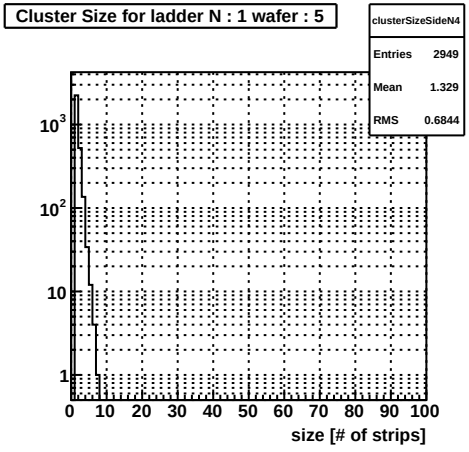

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2295
Mean 1.604
RMS 1.15
size [# of strips]

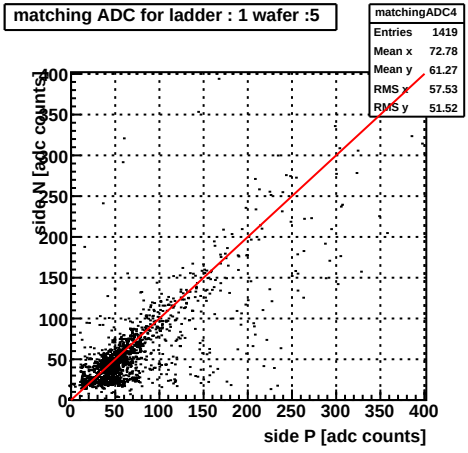

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

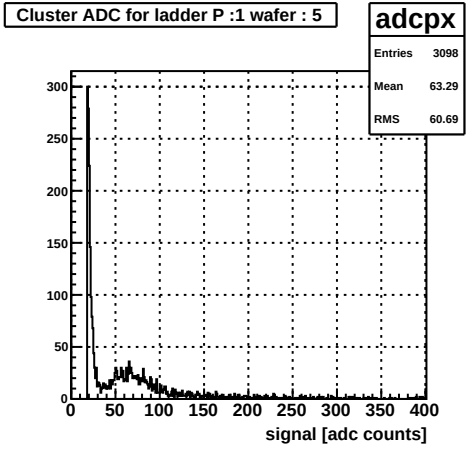

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

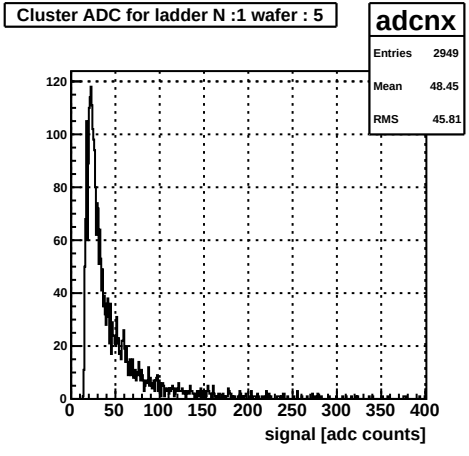

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2295
Mean 72.29
RMS 59.9
signal [adc counts]

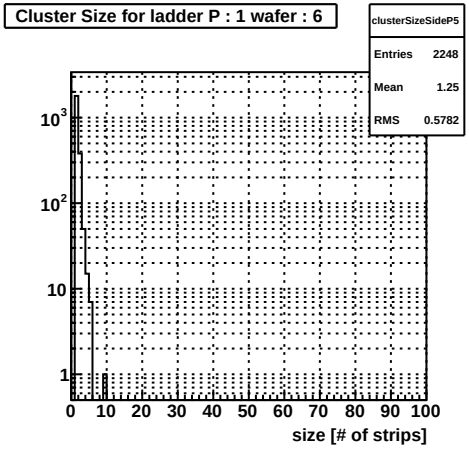

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 3098
Mean 1.295
RMS 0.6188
size [# of strips]

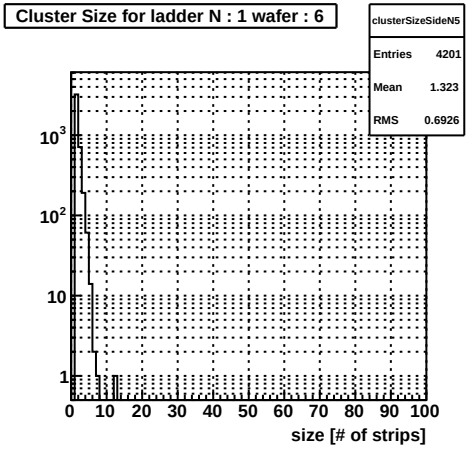

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2949
Mean 1.329
RMS 0.6844
size [# of strips]

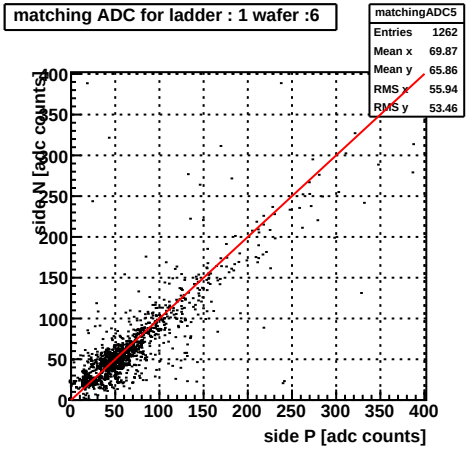

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1419
Mean x 72.78
Mean y 61.27
RMS x 57.53
RMS y 51.52
side N [adc counts]
side P [adc counts]

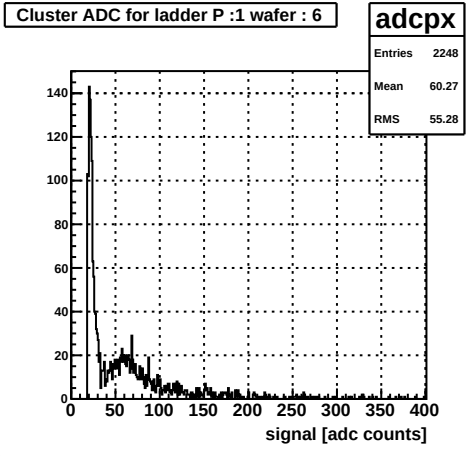

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 3098
Mean 63.29
RMS 60.69
signal [adc counts]

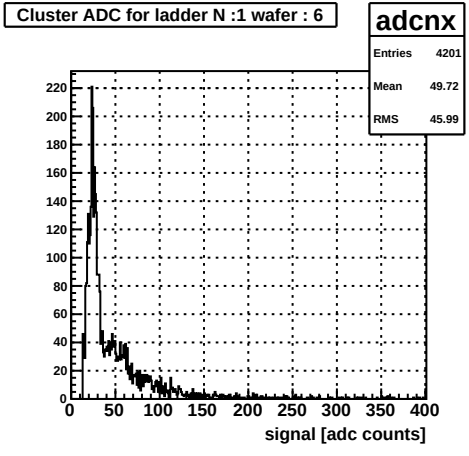

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2949
Mean 48.45
RMS 45.81
signal [adc counts]

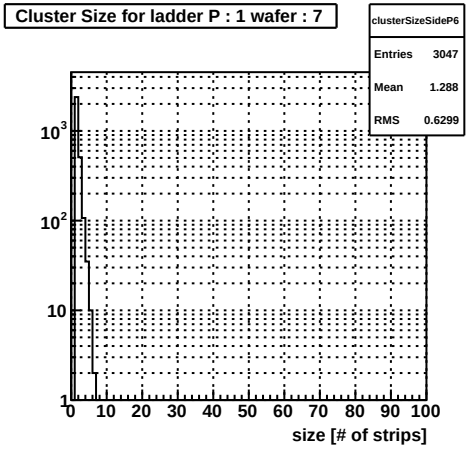

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2248
Mean 1.25
RMS 0.5782
size [# of strips]

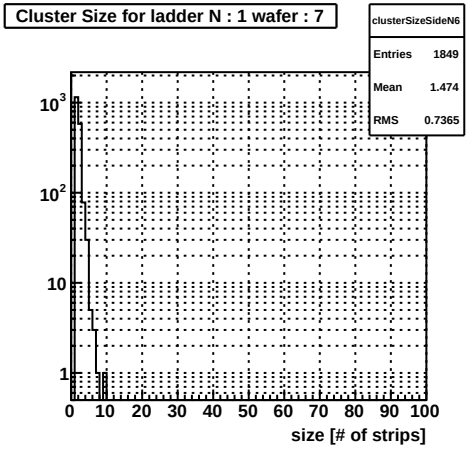

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4201
Mean 1.323
RMS 0.6926
size [# of strips]

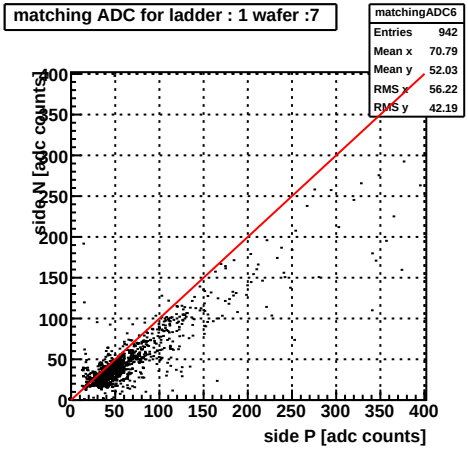

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1262
Mean x 69.87
Mean y 65.86
RMS x 55.94
RMS y 53.46
side N [adc counts]
side P [adc counts]

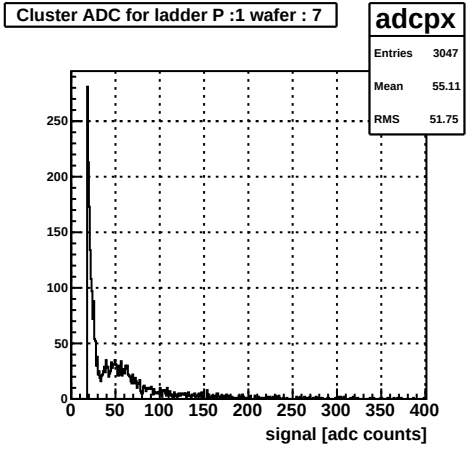

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2248
Mean 60.27
RMS 55.28
signal [adc counts]

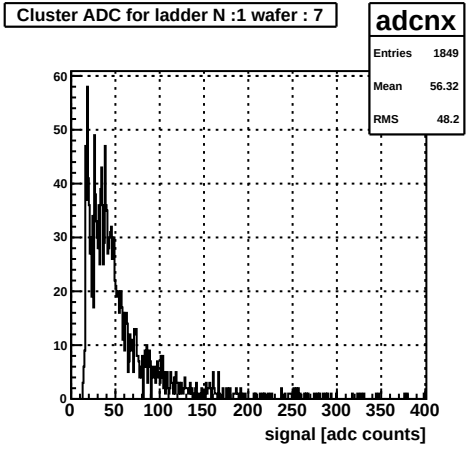

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4201
Mean 49.72
RMS 45.99
signal [adc counts]

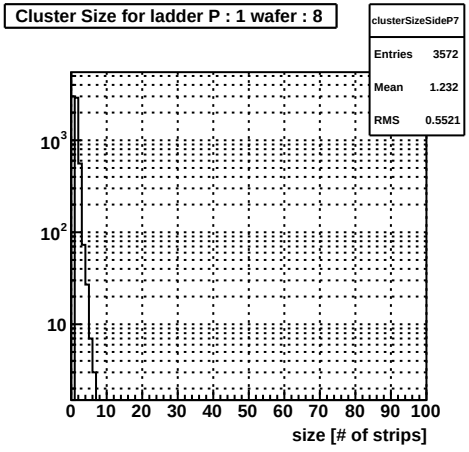

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3047
Mean 1.288
RMS 0.6299
size [# of strips]

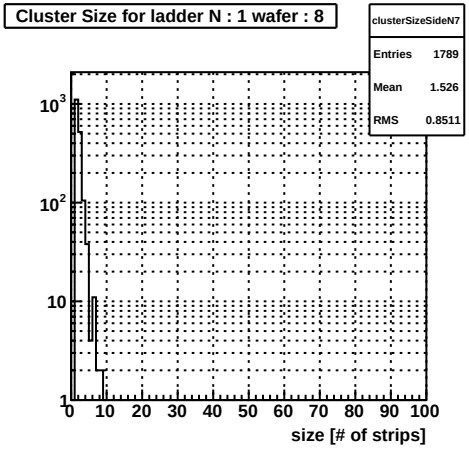

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1849
Mean 1.474
RMS 0.7365
size [# of strips]

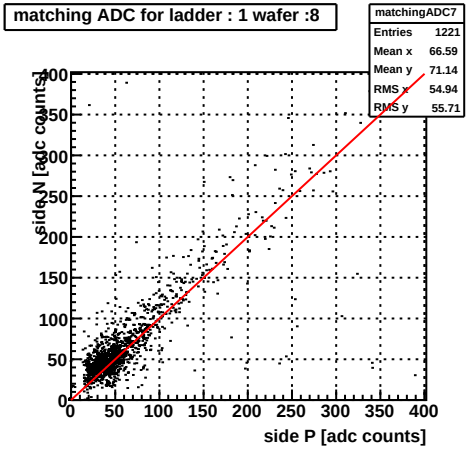

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 942
Mean x 70.79
Mean y 52.03
RMS x 56.22
RMS y 42.19
side N [adc counts]
side P [adc counts]

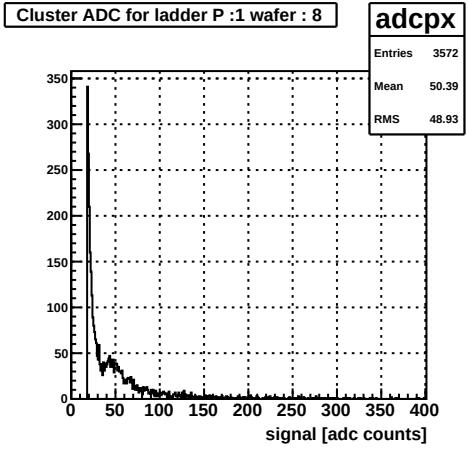

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3047
Mean 55.11
RMS 51.75
signal [adc counts]

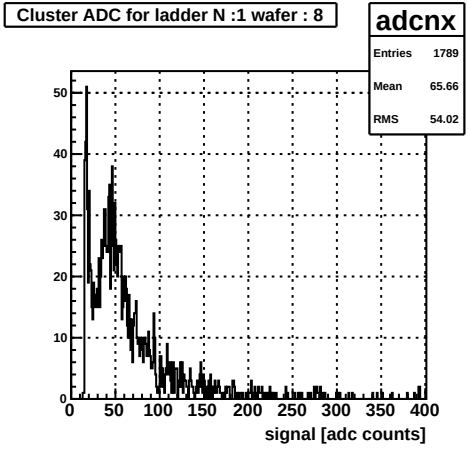

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1849
Mean 56.32
RMS 48.2
signal [adc counts]

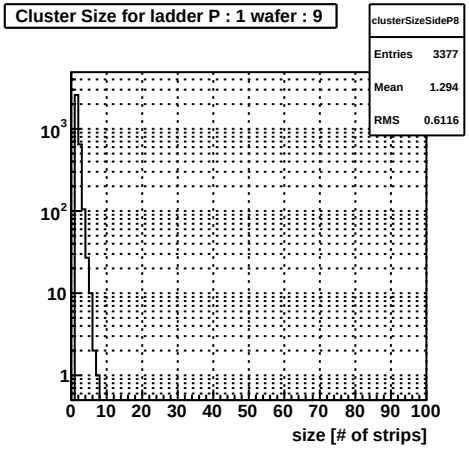

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3572
Mean 1.232
RMS 0.5521
size [# of strips]

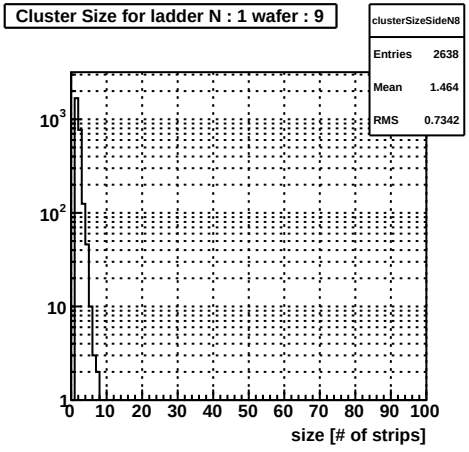

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1789
Mean 1.526
RMS 0.8511
size [# of strips]

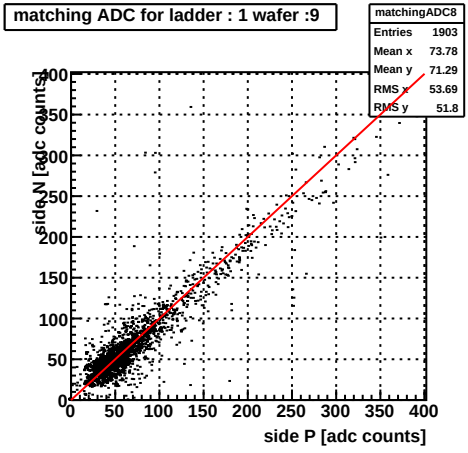

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 1221
Mean x 66.59
Mean y 71.14
RMS x 54.94
RMS y 55.71
side N [adc counts]
side P [adc counts]

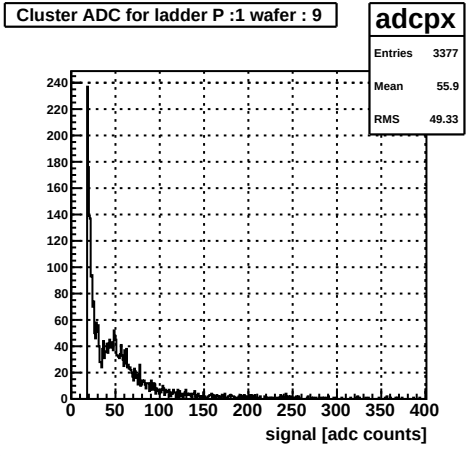

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3572
Mean 50.39
RMS 48.93
signal [adc counts]

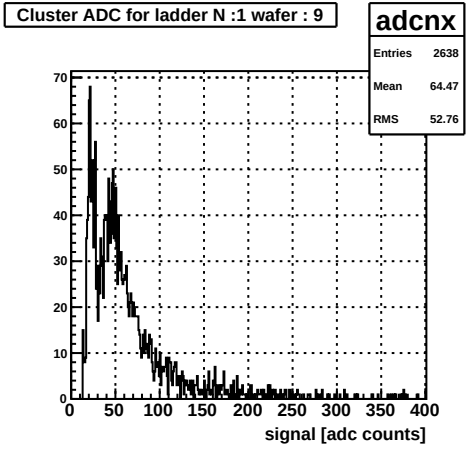

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1789
Mean 65.66
RMS 54.02
signal [adc counts]

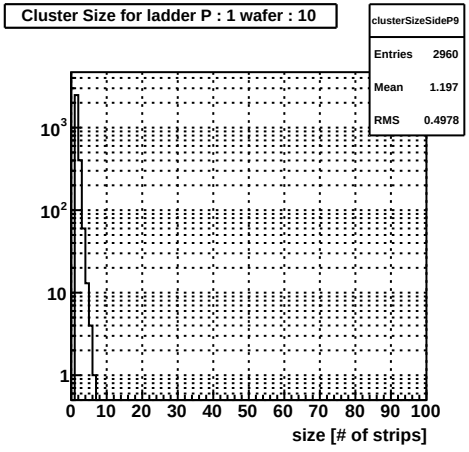

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3377
Mean 1.294
RMS 0.6116
size [# of strips]

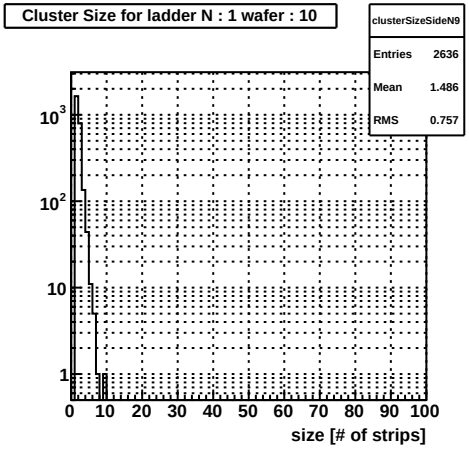

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2638
Mean 1.464
RMS 0.7342
size [# of strips]

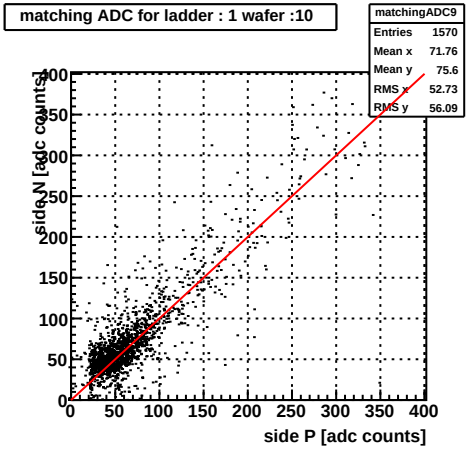

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1903
Mean x 73.78
Mean y 71.29
RMS x 53.69
RMS y 51.8
side N [adc counts]
side P [adc counts]

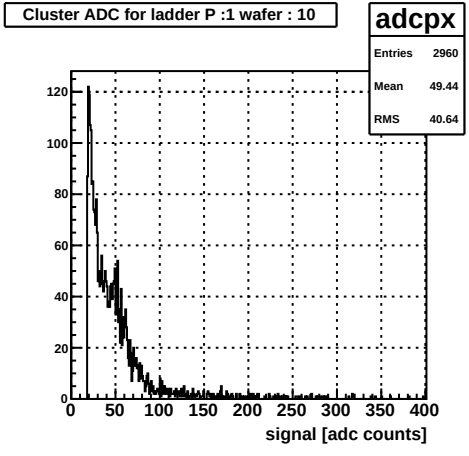

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3377
Mean 55.9
RMS 49.33
signal [adc counts]

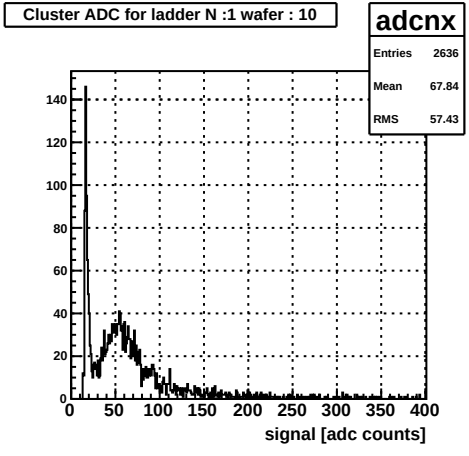

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2638
Mean 64.47
RMS 52.76
signal [adc counts]

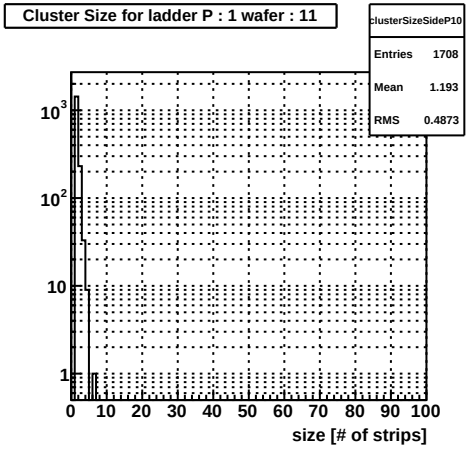

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2960
Mean 1.197
RMS 0.4978
size [# of strips]

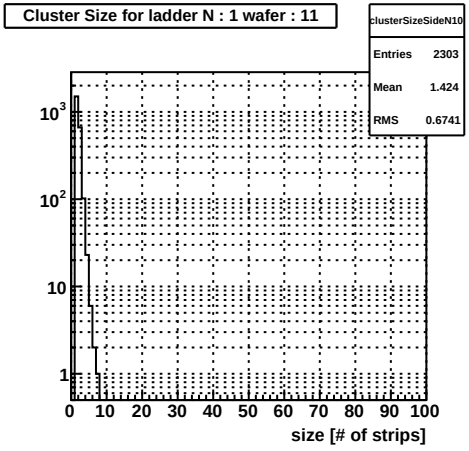

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2636
Mean 1.486
RMS 0.757
size [# of strips]

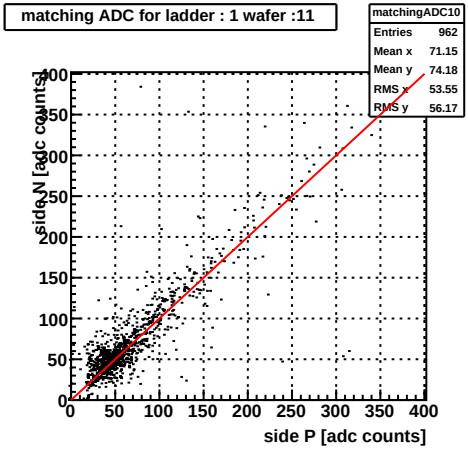

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1570
Mean x 71.76
Mean y 75.6
RMS x 52.73
RMS y 56.09
side N [adc counts]
side P [adc counts]

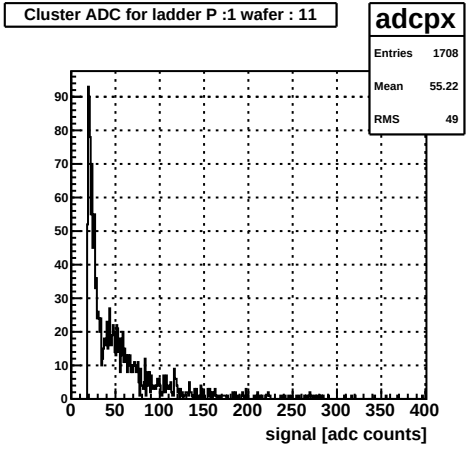

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2960
Mean 49.44
RMS 40.64
signal [adc counts]

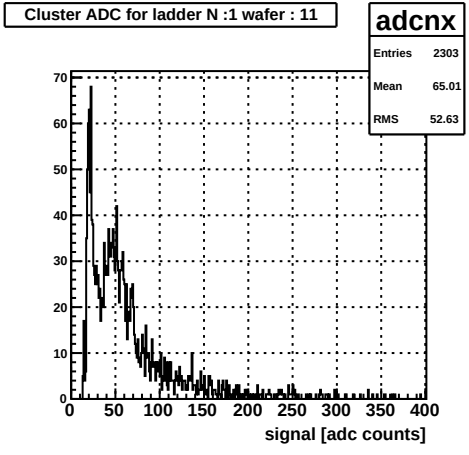

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2636
Mean 67.84
RMS 57.43
signal [adc counts]

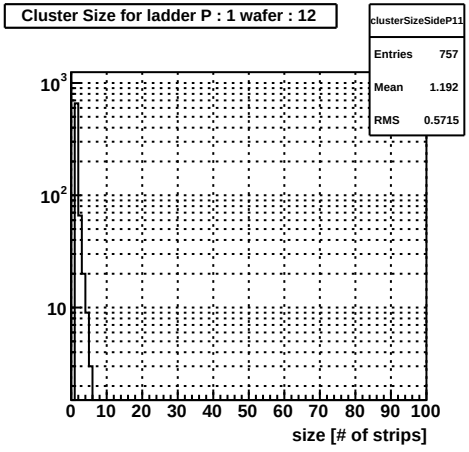

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 1708
Mean 1.193
RMS 0.4873
size [# of strips]

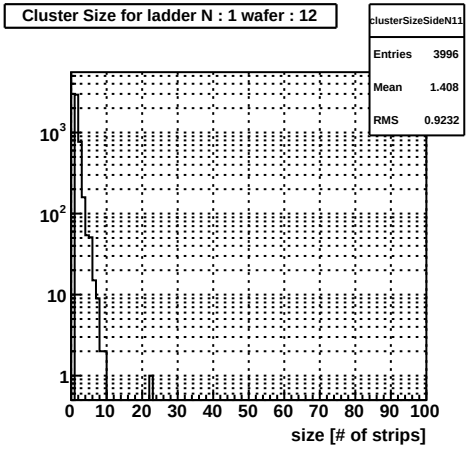

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2303
Mean 1.424
RMS 0.6741
size [# of strips]

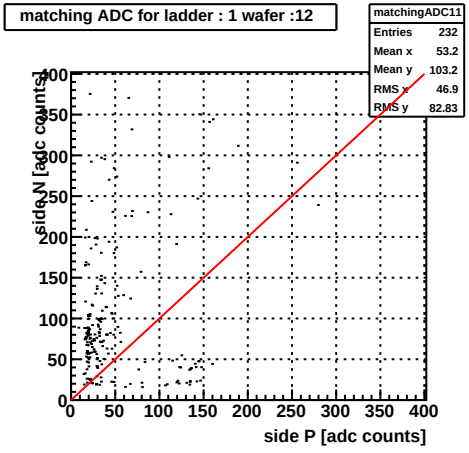

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 962
Mean x 71.15
Mean y 74.18
RMS x 53.55
RMS y 56.17
side N [adc counts]
side P [adc counts]

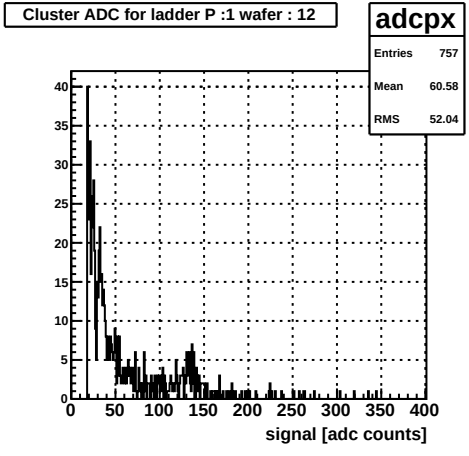

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 1708
Mean 55.22
RMS 49
signal [adc counts]

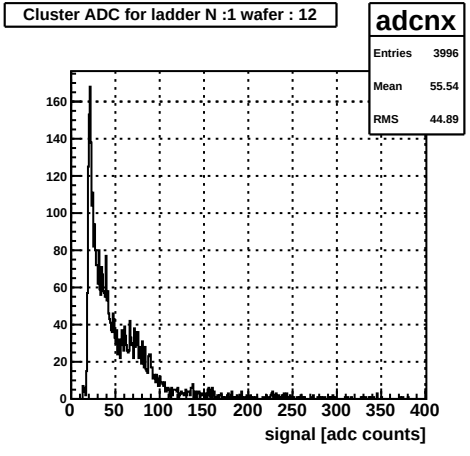

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2303
Mean 65.01
RMS 52.63
signal [adc counts]

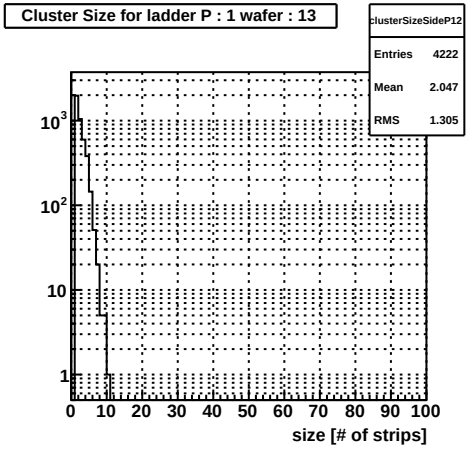

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 757
Mean 1.192
RMS 0.5715
size [# of strips]

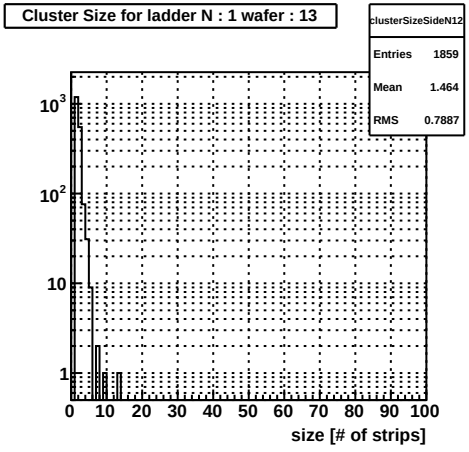

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3996
Mean 1.408
RMS 0.9232
size [# of strips]

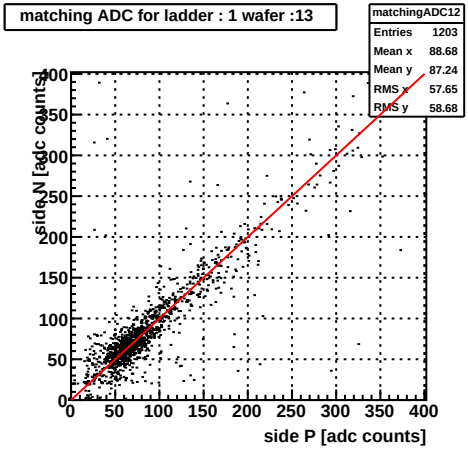

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 232
Mean x 53.2
Mean y 103.2
RMS x 46.9
RMS y 82.83
side N [adc counts]
side P [adc counts]

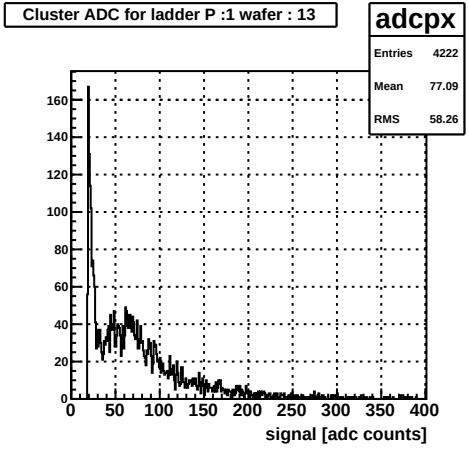

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 757
Mean 60.58
RMS 52.04
signal [adc counts]

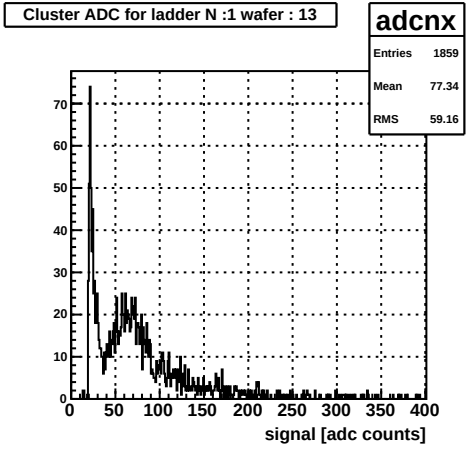

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3996
Mean 55.54
RMS 44.89
signal [adc counts]

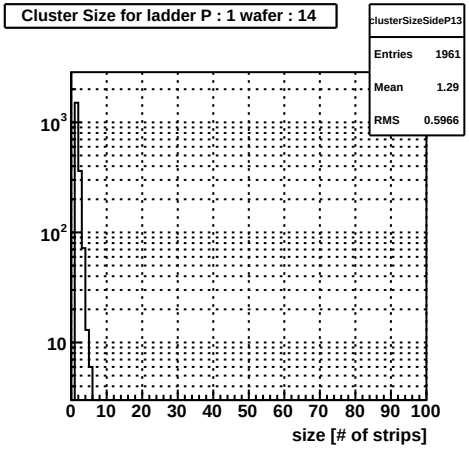

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4222
Mean 2.047
RMS 1.305
size [# of strips]

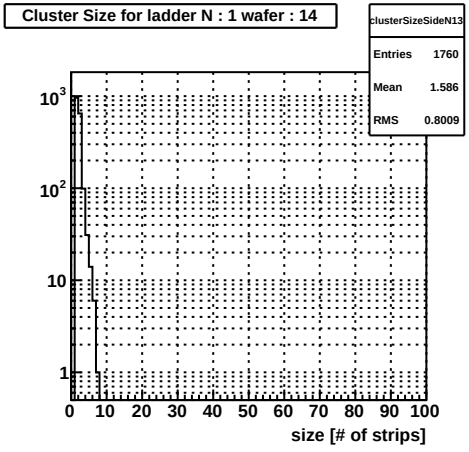

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1859
Mean 1.464
RMS 0.7887
size [# of strips]

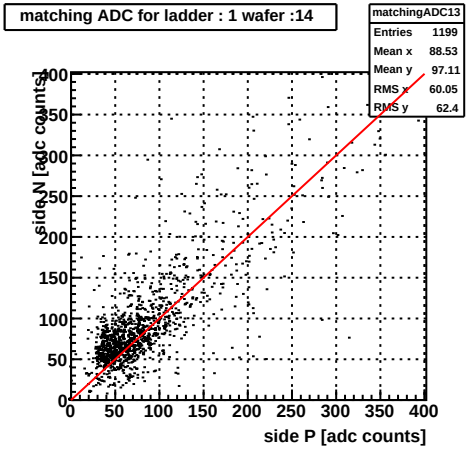

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1203
Mean x 88.68
Mean y 87.24
RMS x 57.65
RMS y 58.68
side N [adc counts]
side P [adc counts]

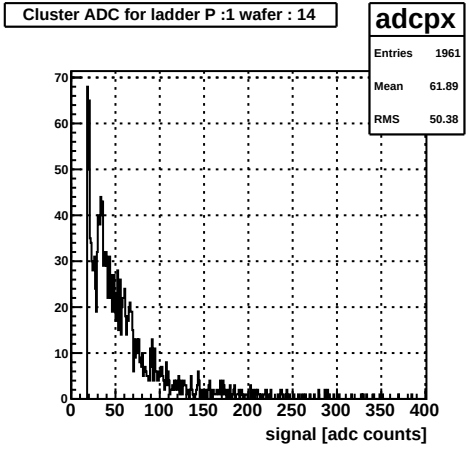

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4222
Mean 77.09
RMS 58.26
signal [adc counts]

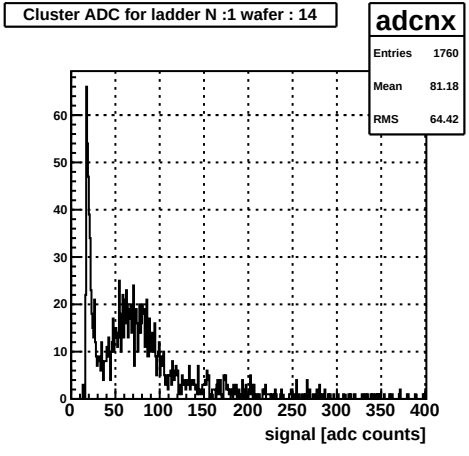

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1859
Mean 77.34
RMS 59.16
signal [adc counts]

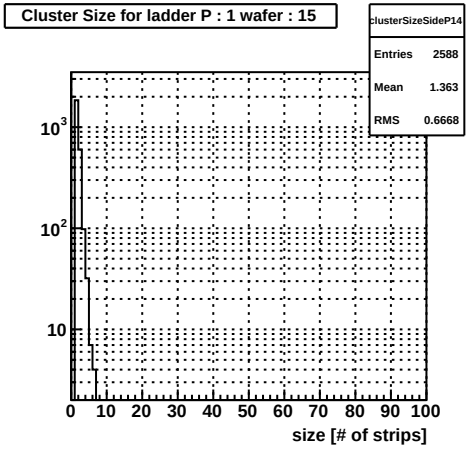

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1961
Mean 1.29
RMS 0.5966
size [# of strips]

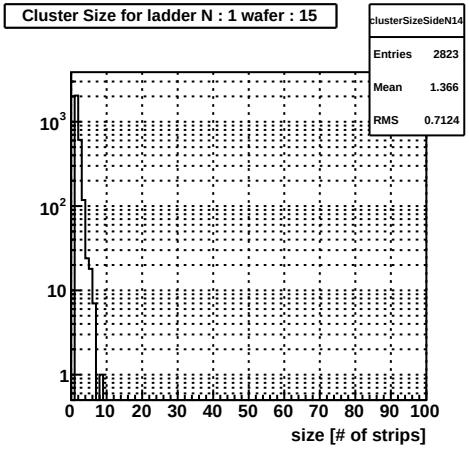

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1760
Mean 1.586
RMS 0.8009
size [# of strips]

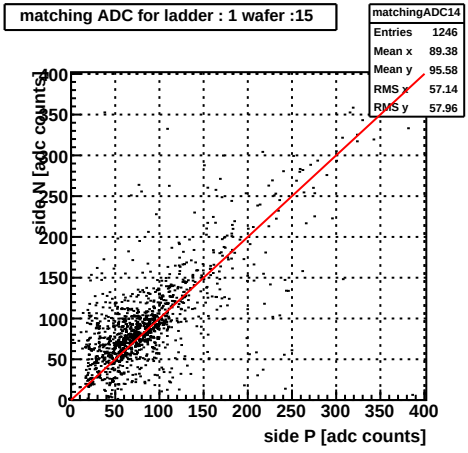

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1199
Mean x 88.53
Mean y 97.11
RMS x 60.05
RMS y 62.4
side N [adc counts]
side P [adc counts]

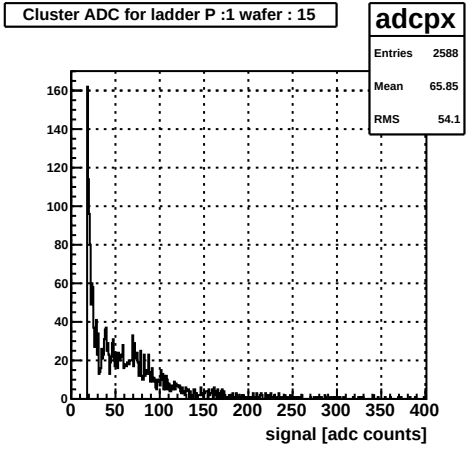

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1961
Mean 61.89
RMS 50.38
signal [adc counts]

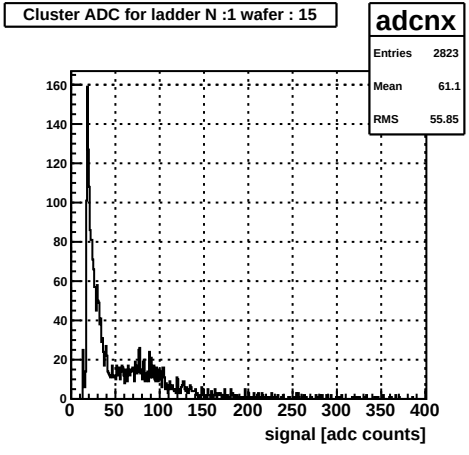

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1760
Mean 81.18
RMS 64.42
signal [adc counts]

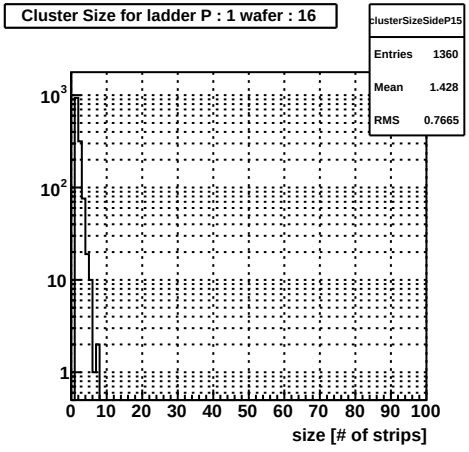

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2588
Mean 1.363
RMS 0.6668
size [# of strips]

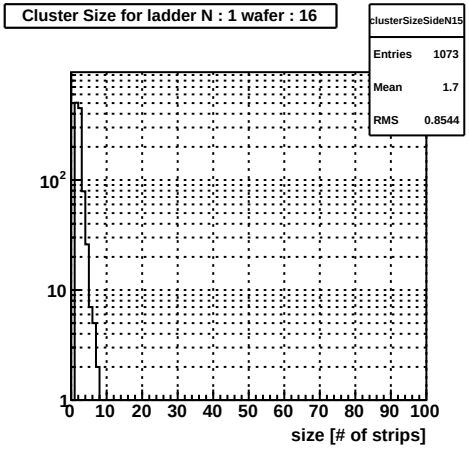

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2823
Mean 1.366
RMS 0.7124
size [# of strips]

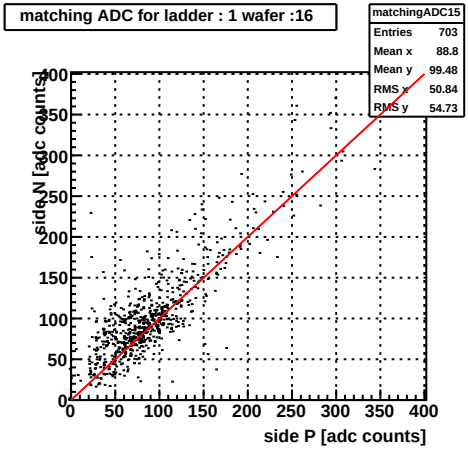

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1246
Mean x 89.38
Mean y 95.58
RMS x 57.14
RMS y 57.96
side N [adc counts]
side P [adc counts]

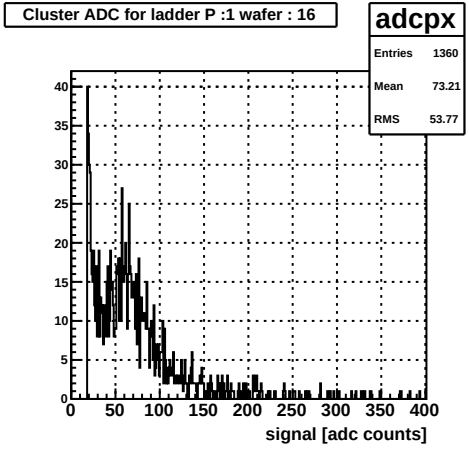

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2588
Mean 65.85
RMS 54.1
signal [adc counts]

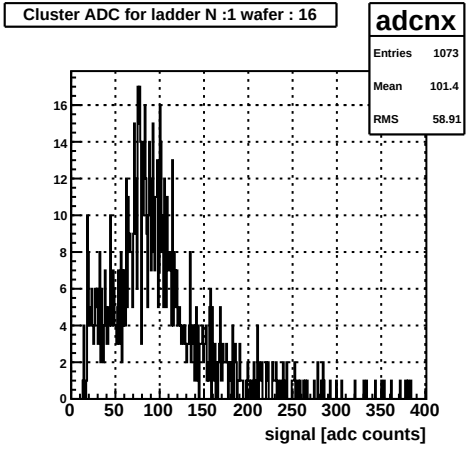

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2823
Mean 61.1
RMS 55.85
signal [adc counts]

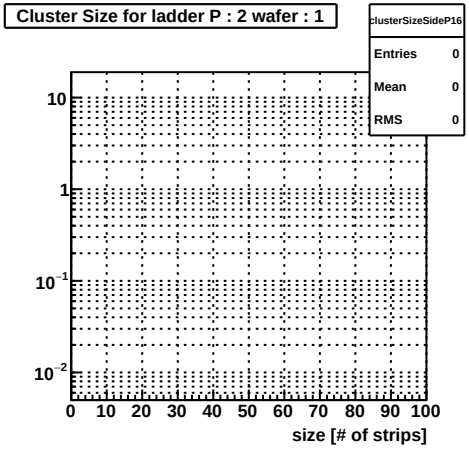

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1360
Mean 1.428
RMS 0.7665
size [# of strips]

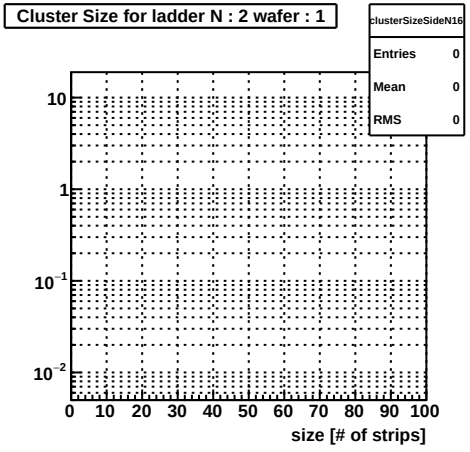

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1073
Mean 1.7
RMS 0.8544
size [# of strips]

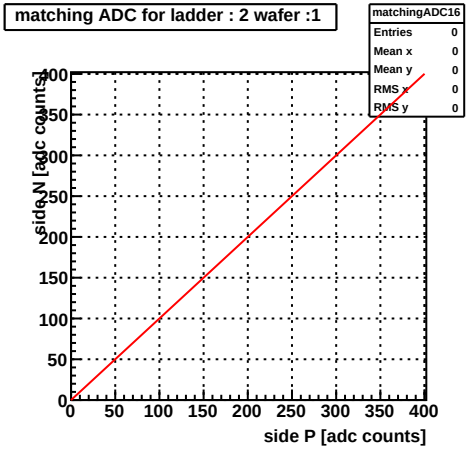

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 703
Mean x 88.8
Mean y 99.48
RMS x 50.84
RMS y 54.73
side N [adc counts]
side P [adc counts]

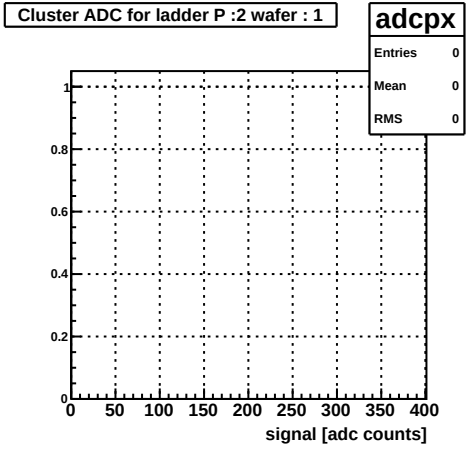

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1360
Mean 73.21
RMS 53.77
signal [adc counts]

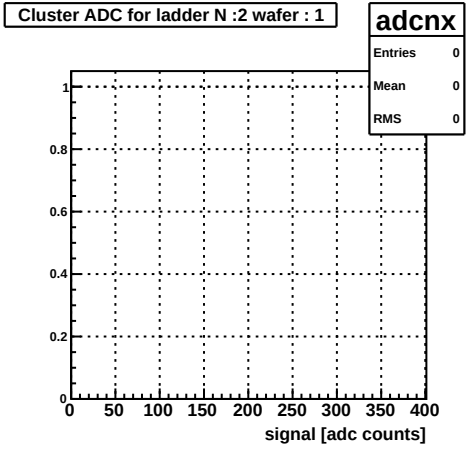

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1073
Mean 101.4
RMS 58.91
signal [adc counts]

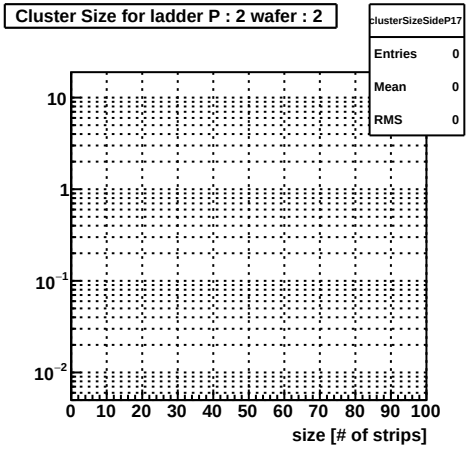

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

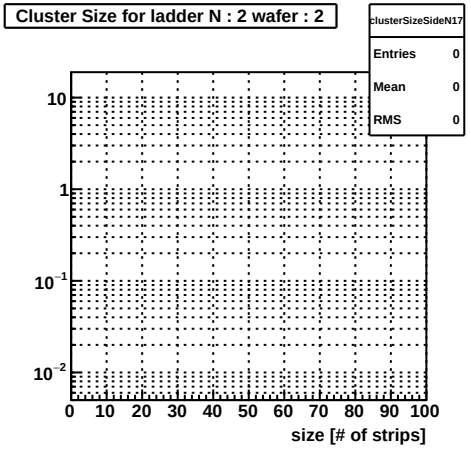

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

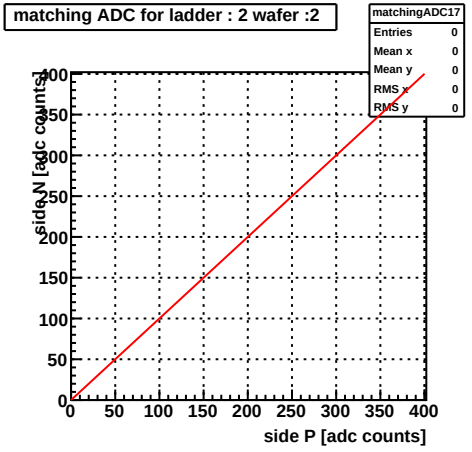

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

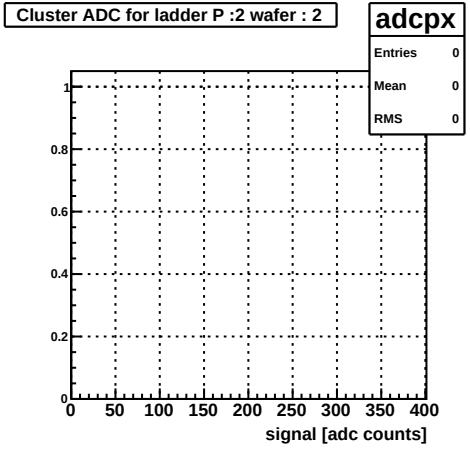

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

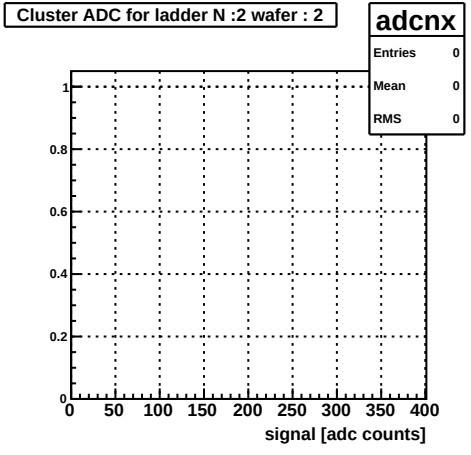

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

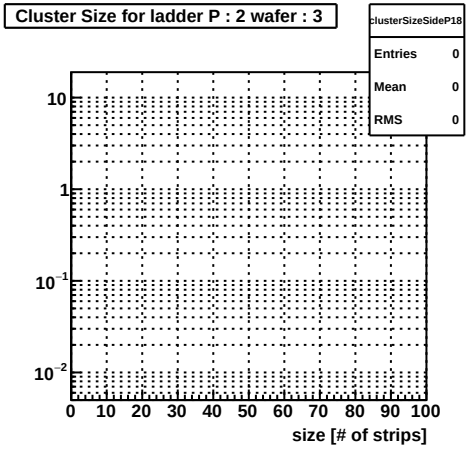

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

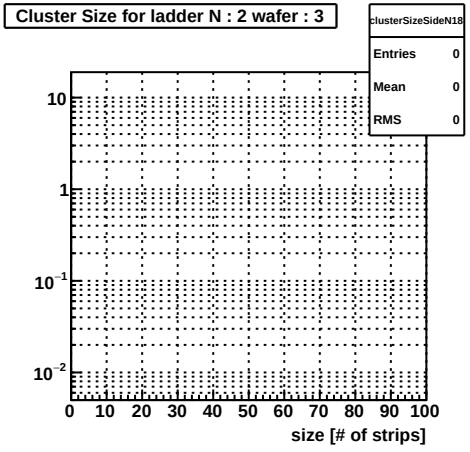

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

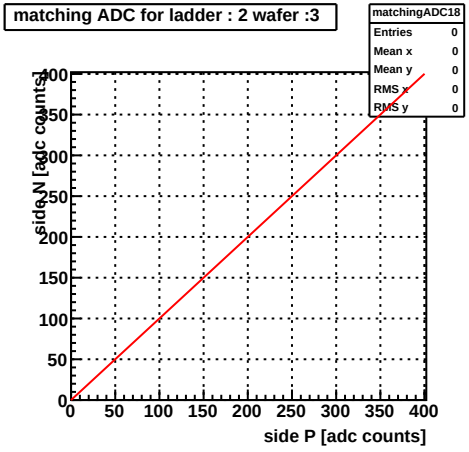

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

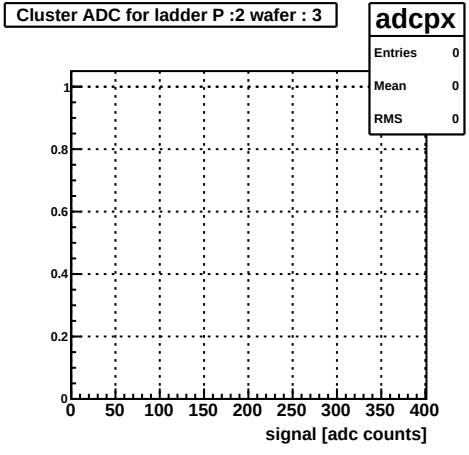

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

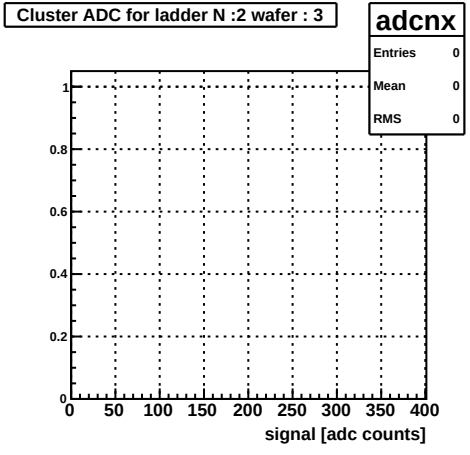

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

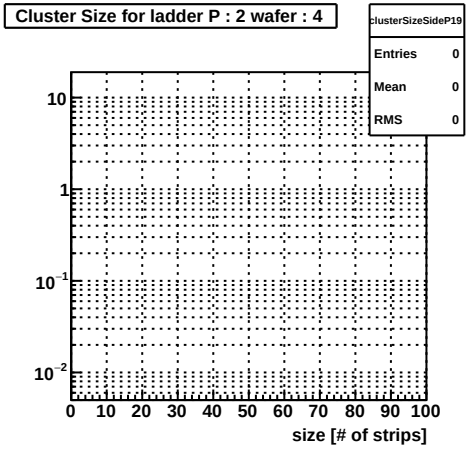

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

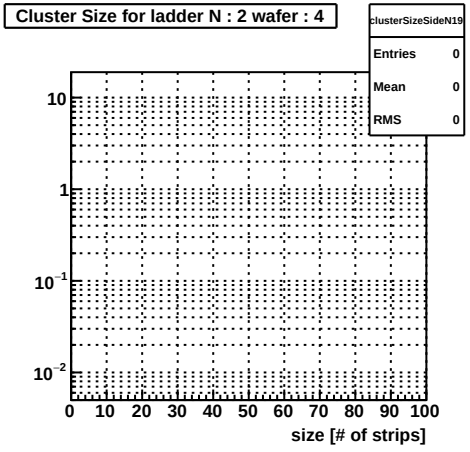

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

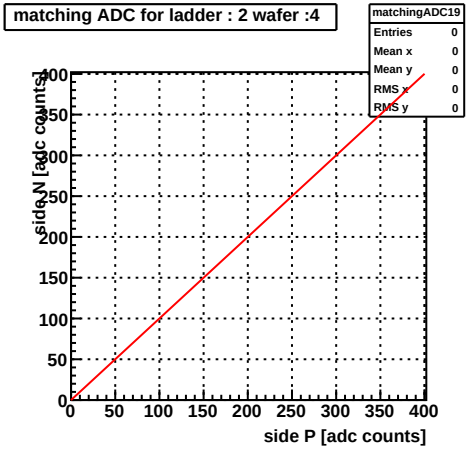

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

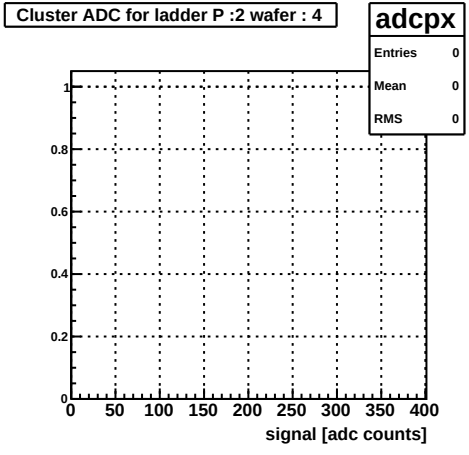

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

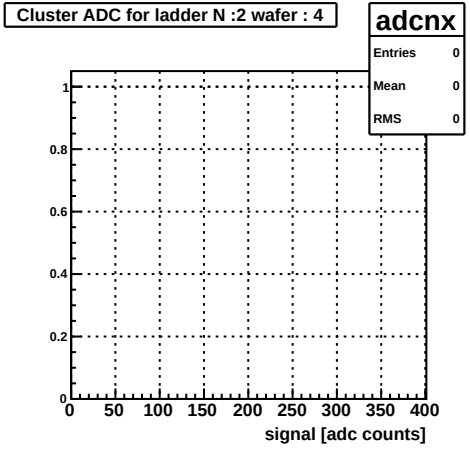

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

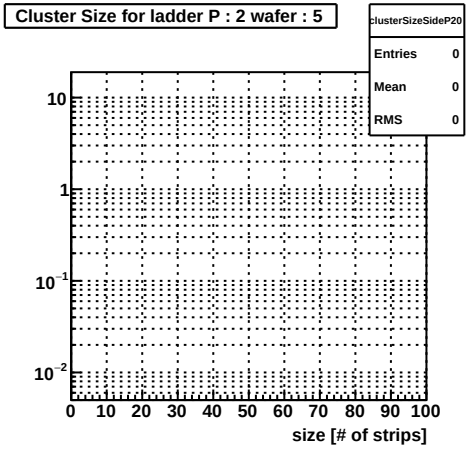

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

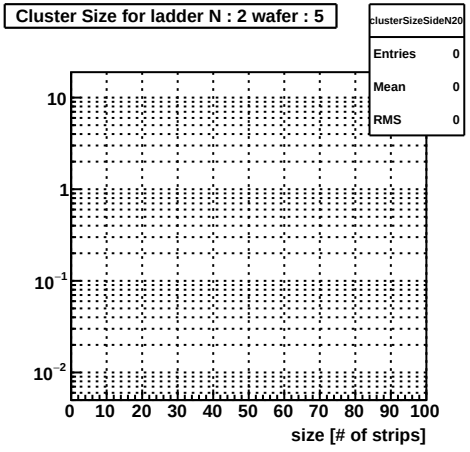

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

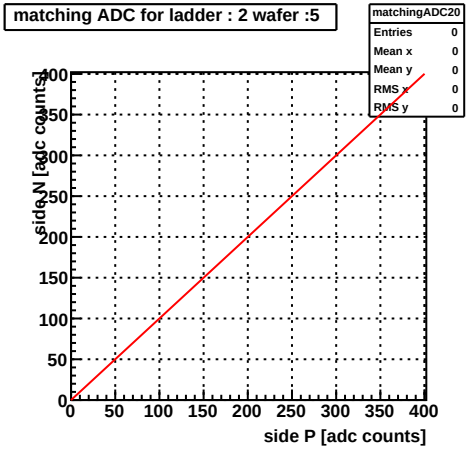

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

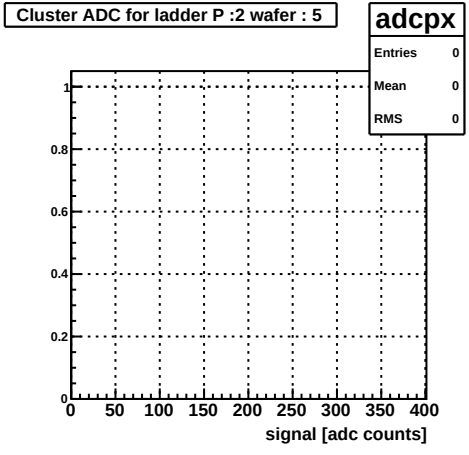

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

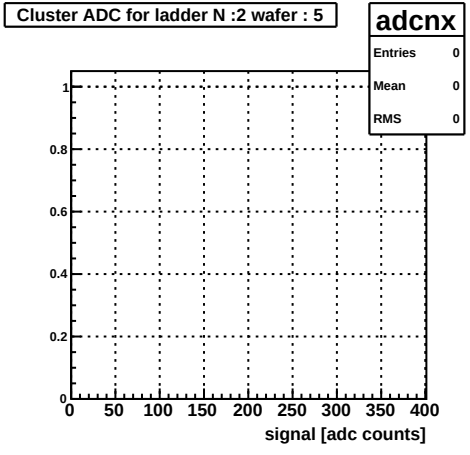

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

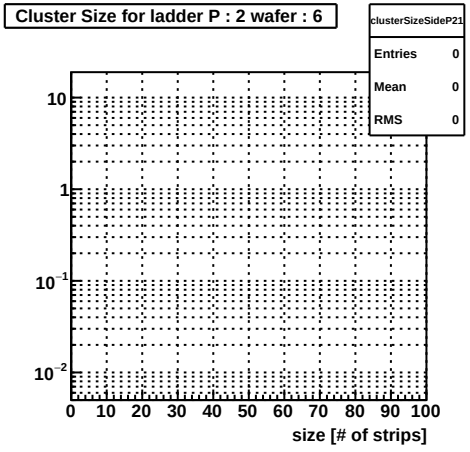

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

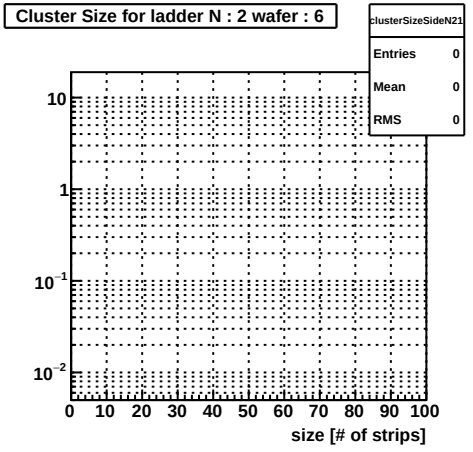

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

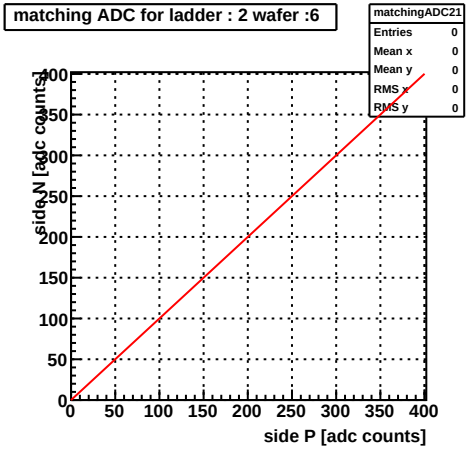

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

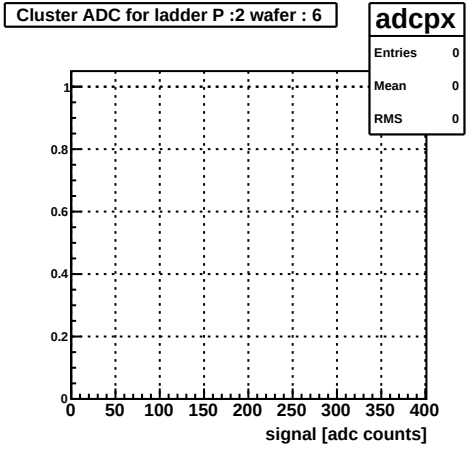

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

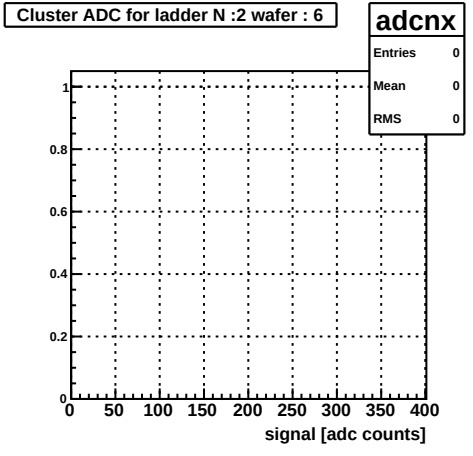

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

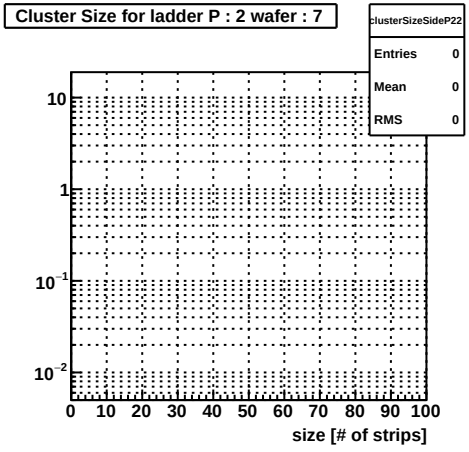

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

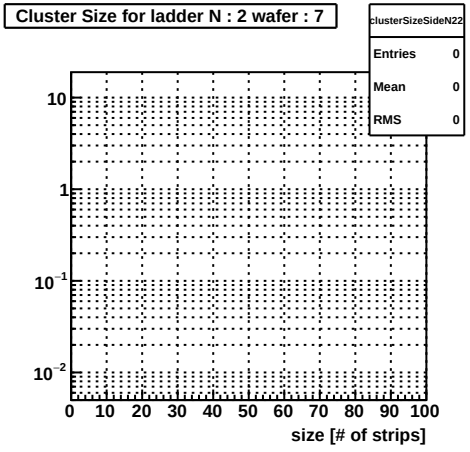

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

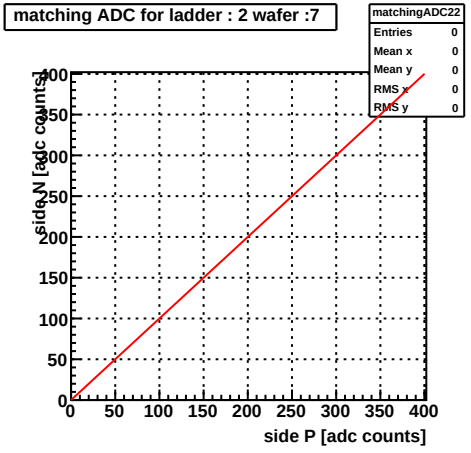

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

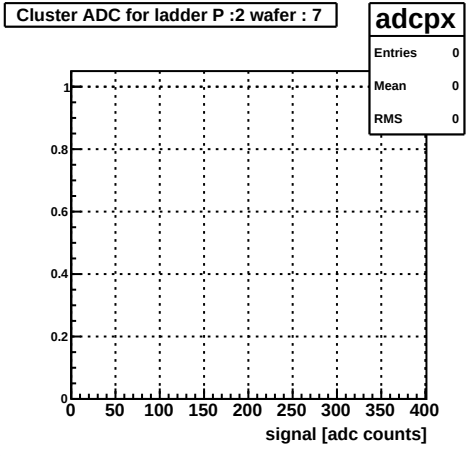

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

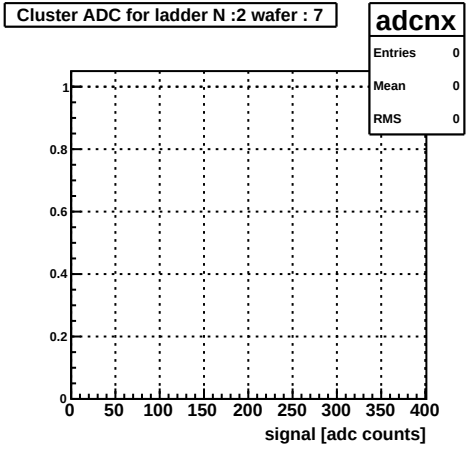

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

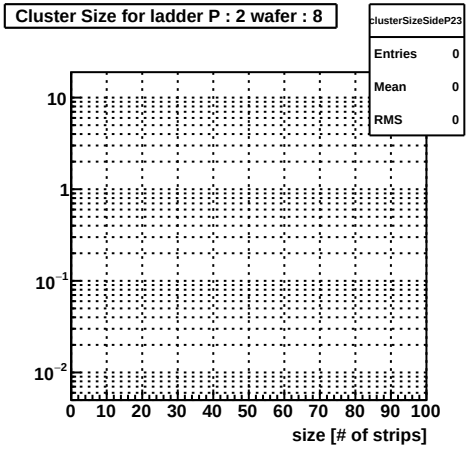

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

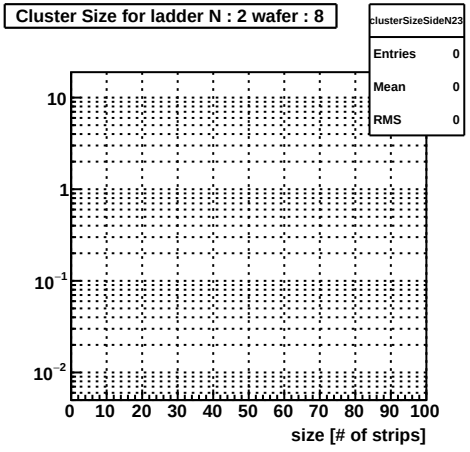

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

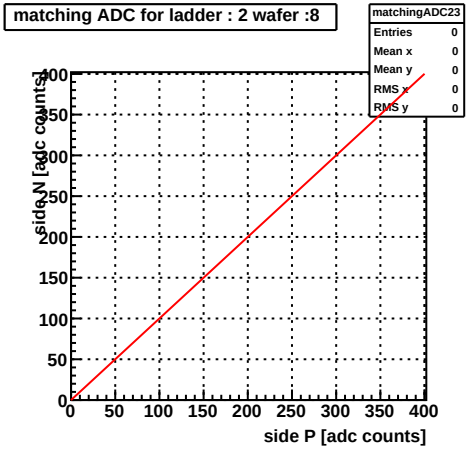

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

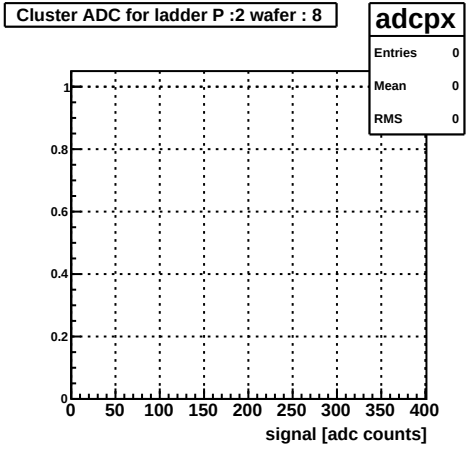

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

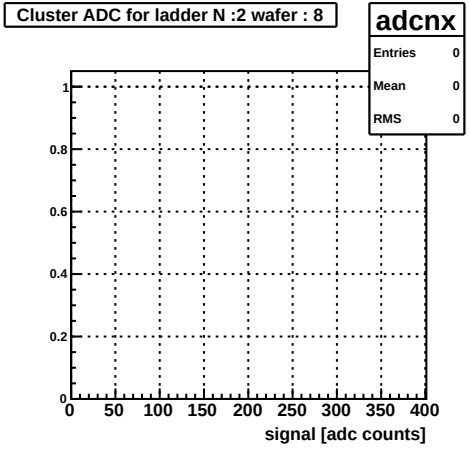

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

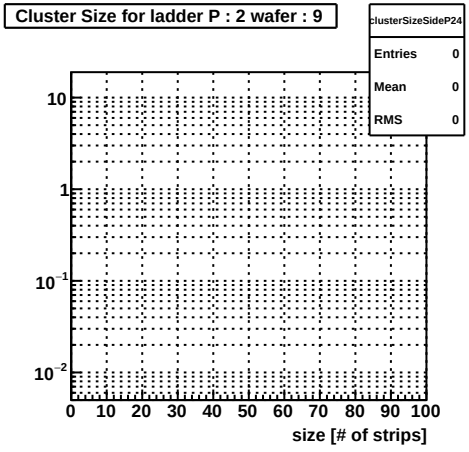

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

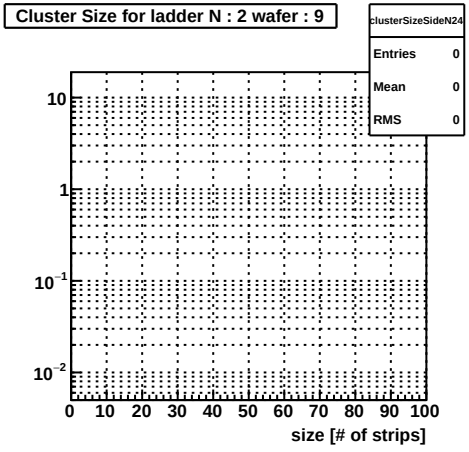

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

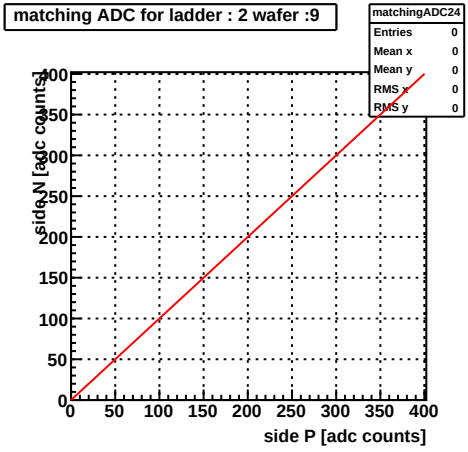

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

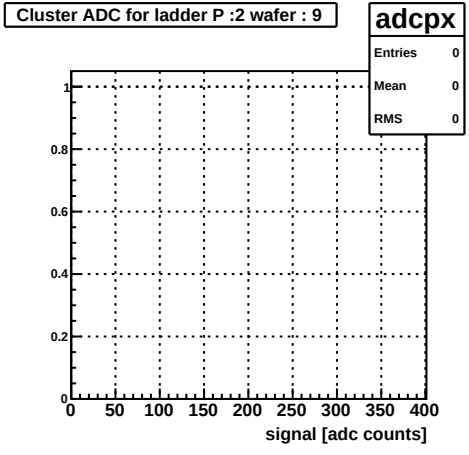

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

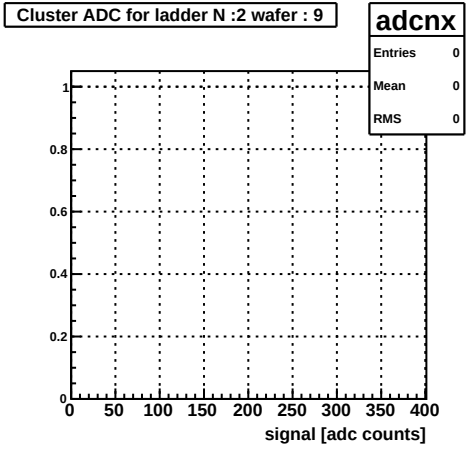

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

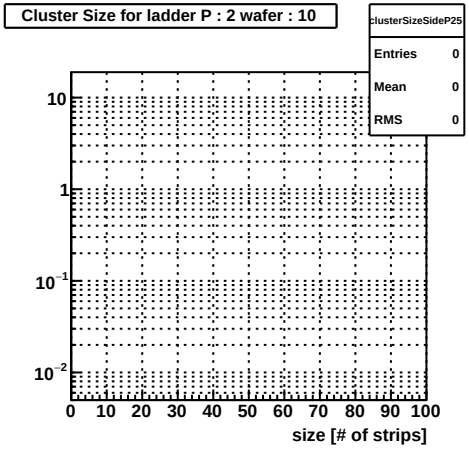

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

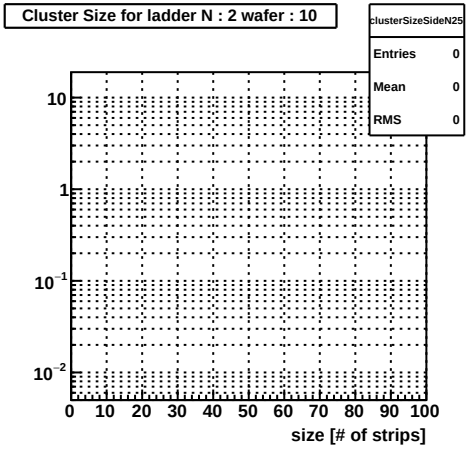

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

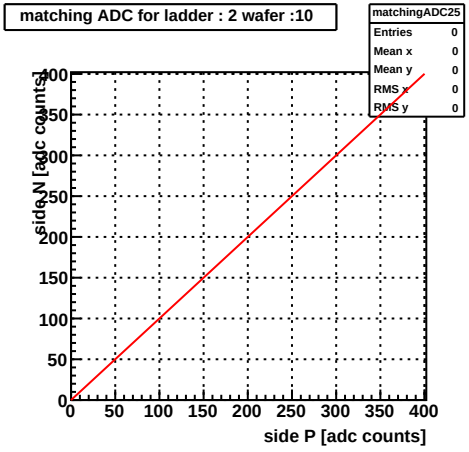

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

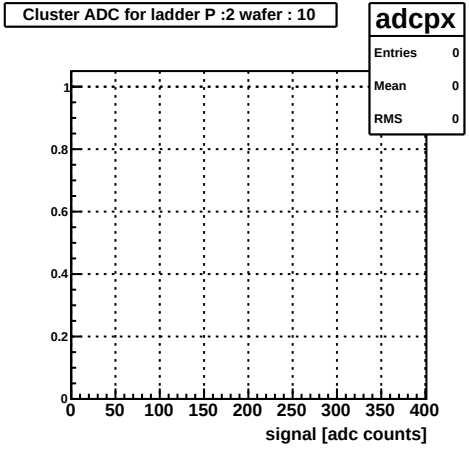

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

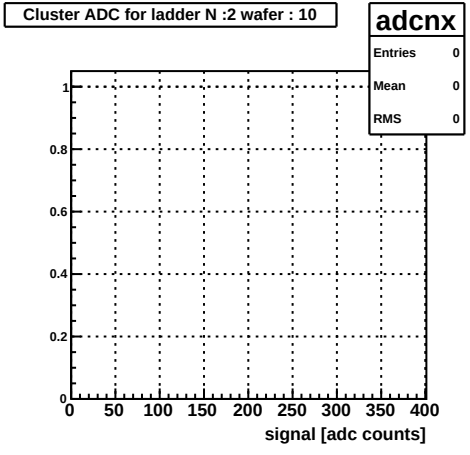

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

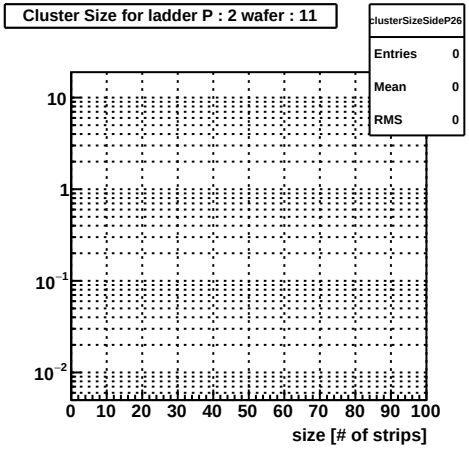

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

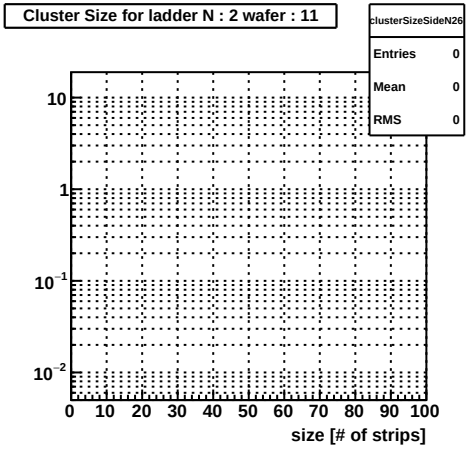

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

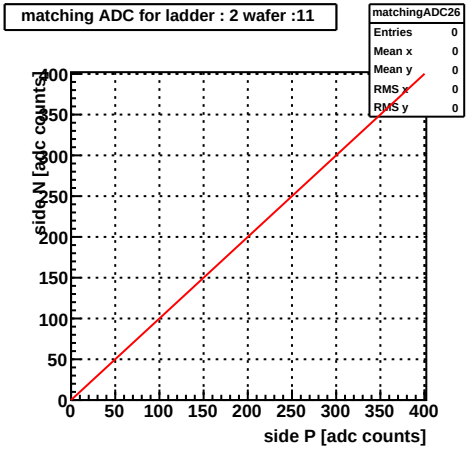

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

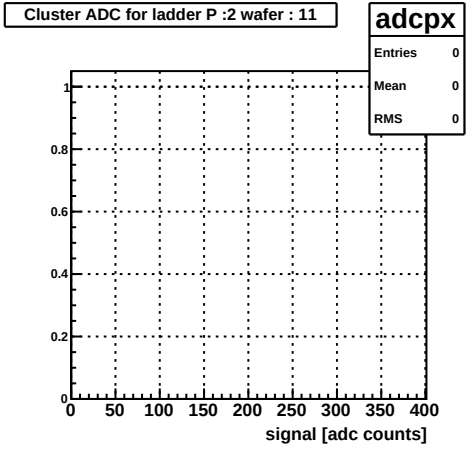

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

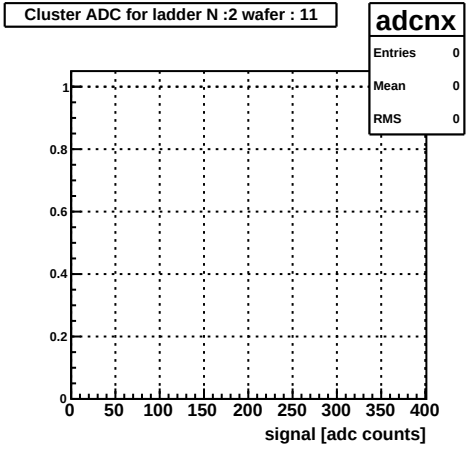

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

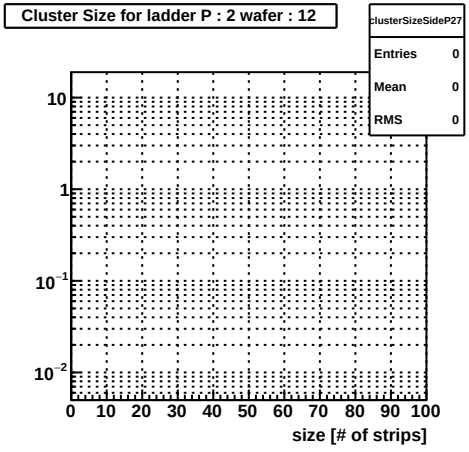

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

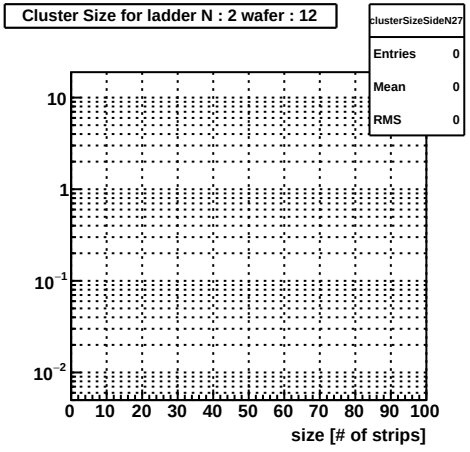

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

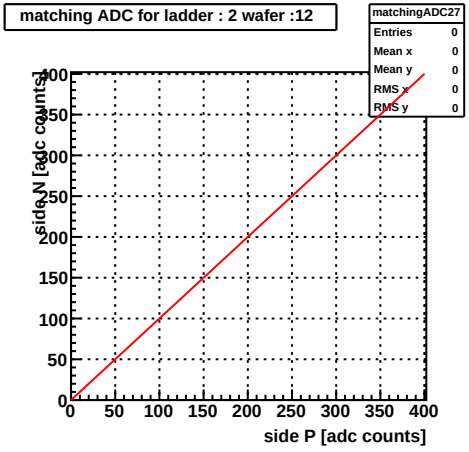

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

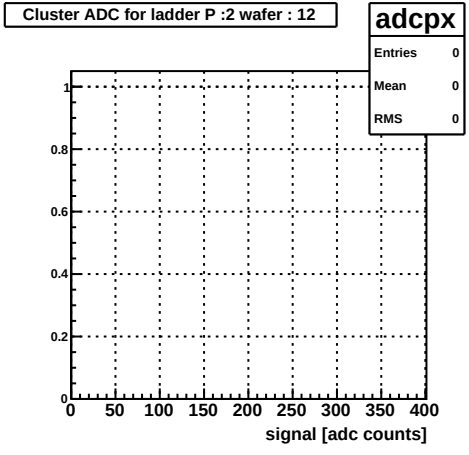

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

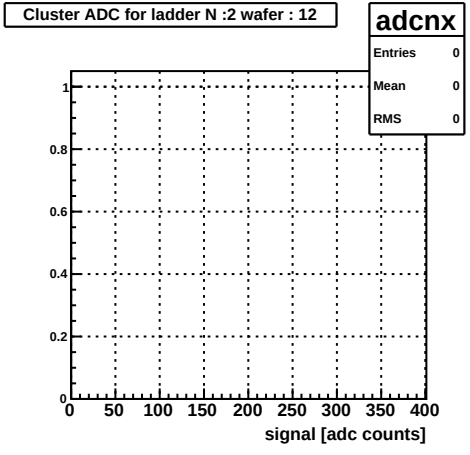

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

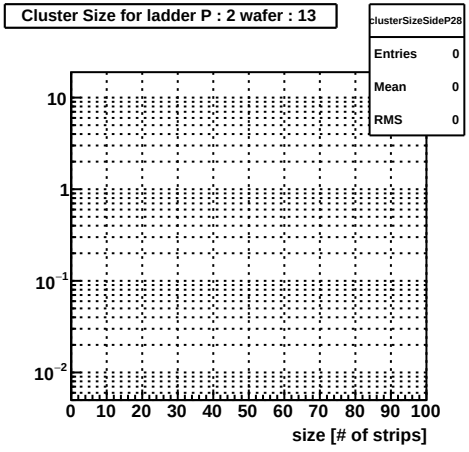

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

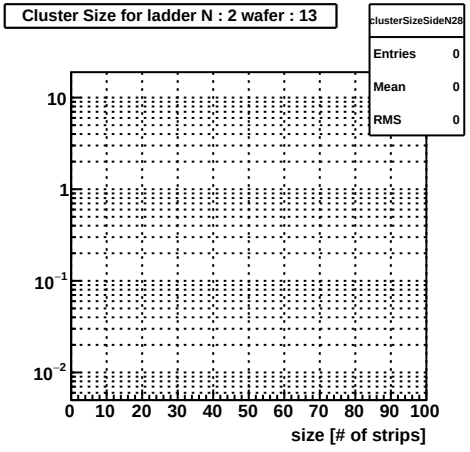

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

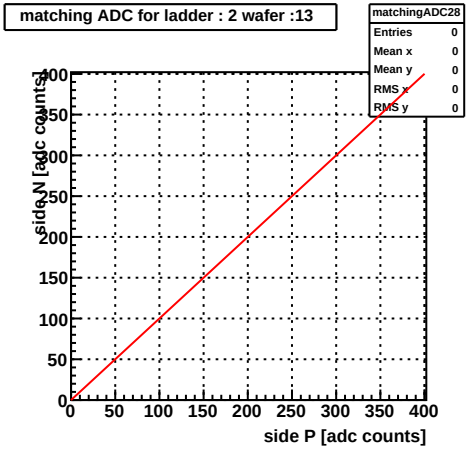

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

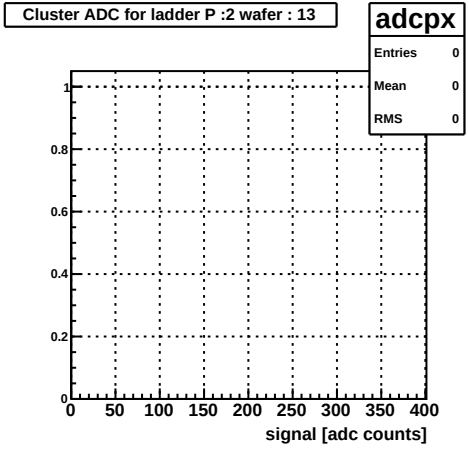

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

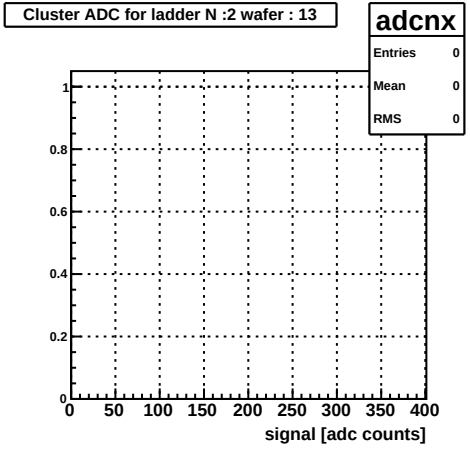

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

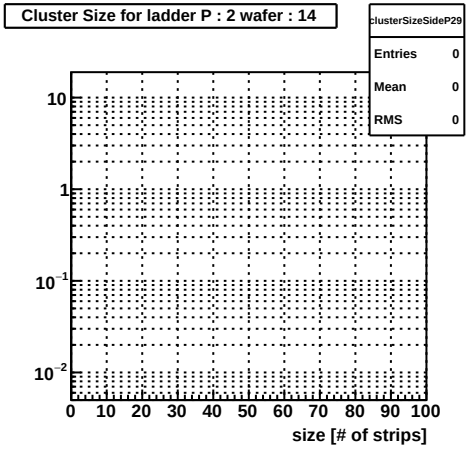

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

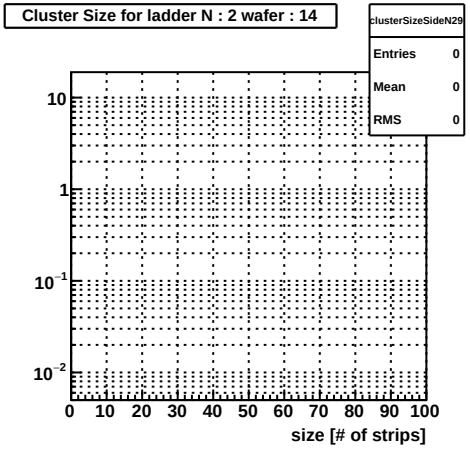

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

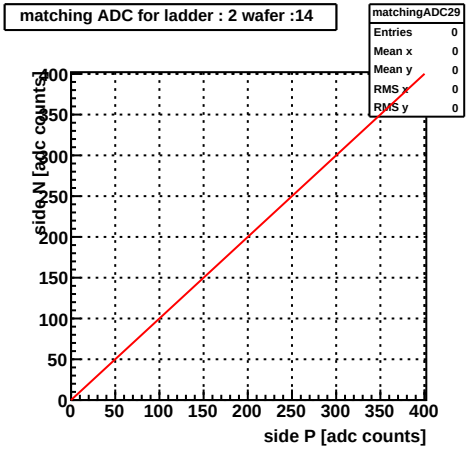

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

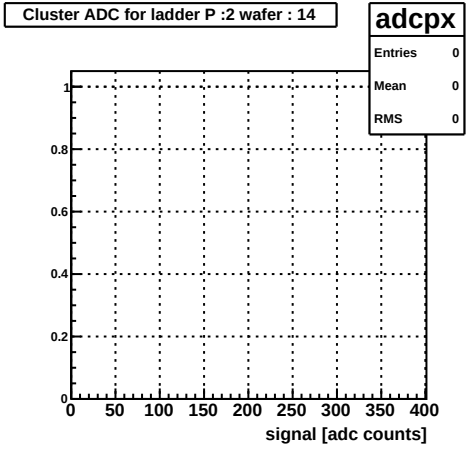

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

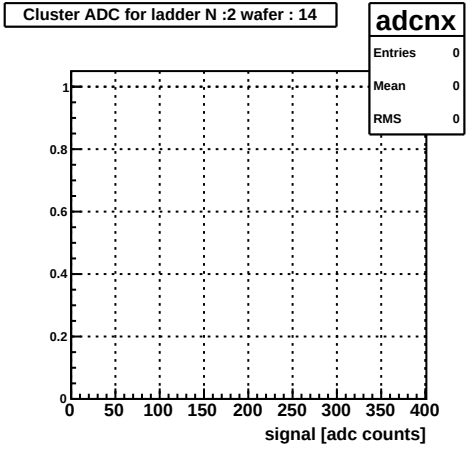

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

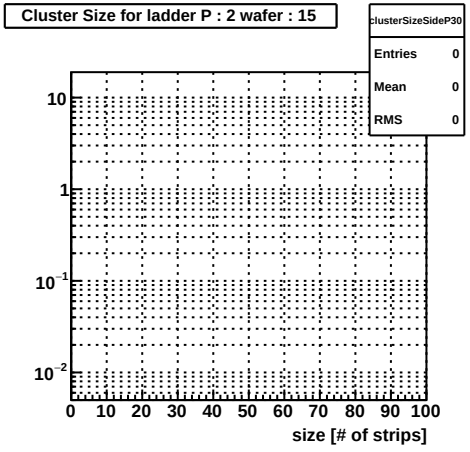

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

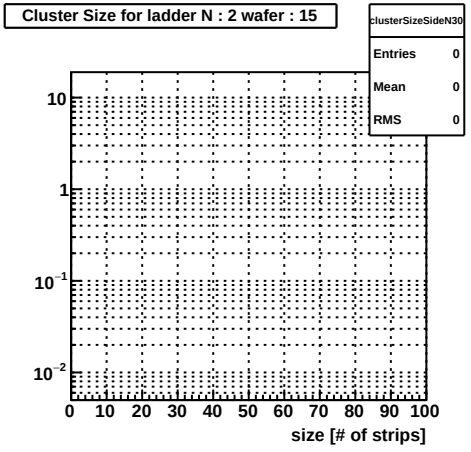

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

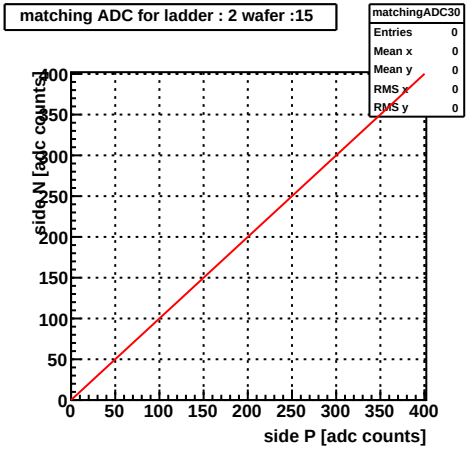

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

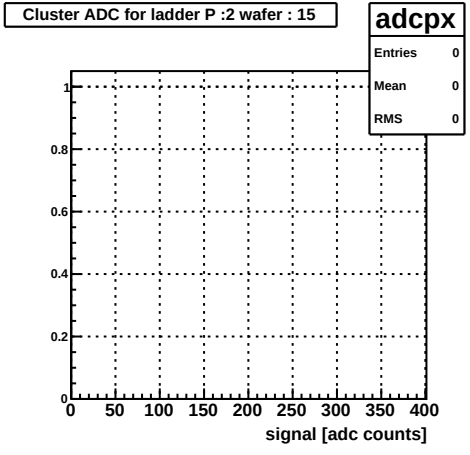

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

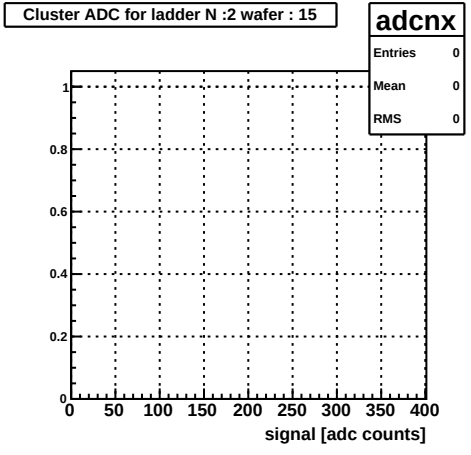

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

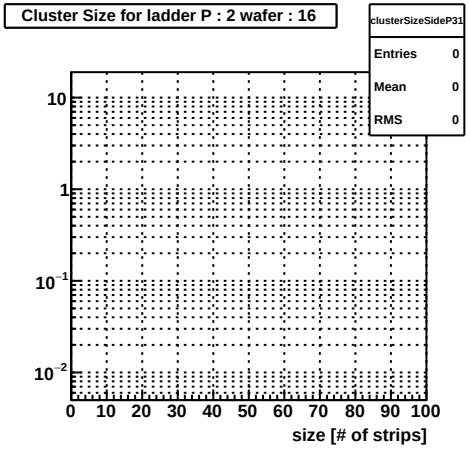

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

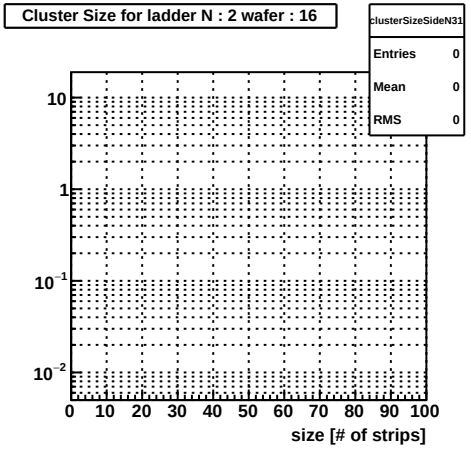

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

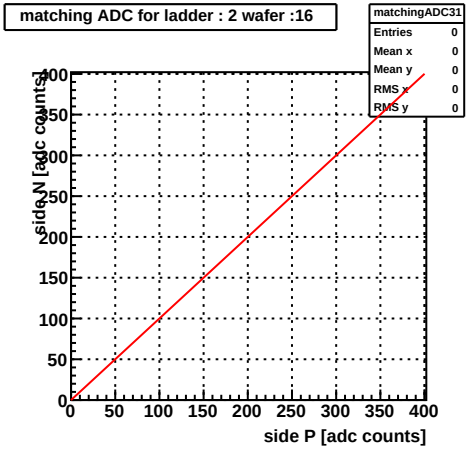

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

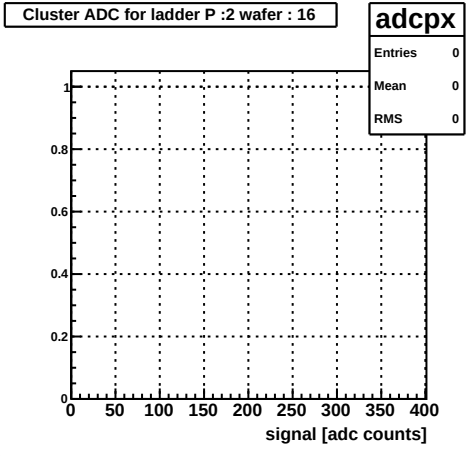

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

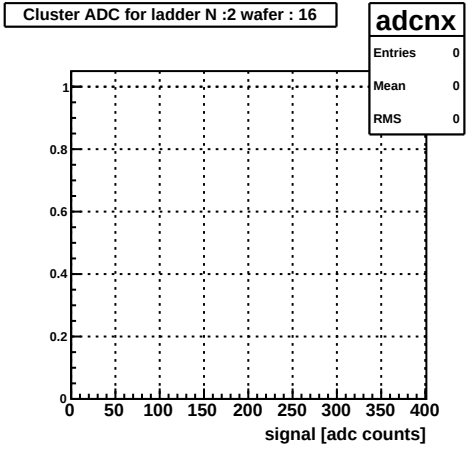

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

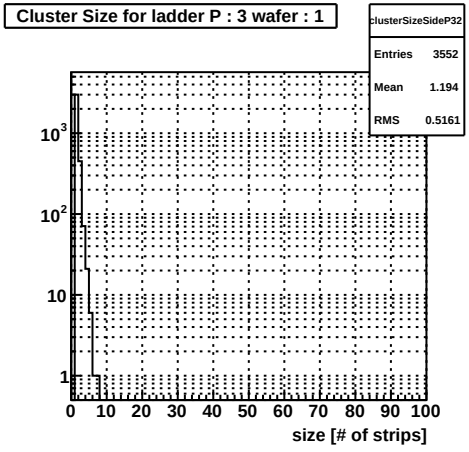

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

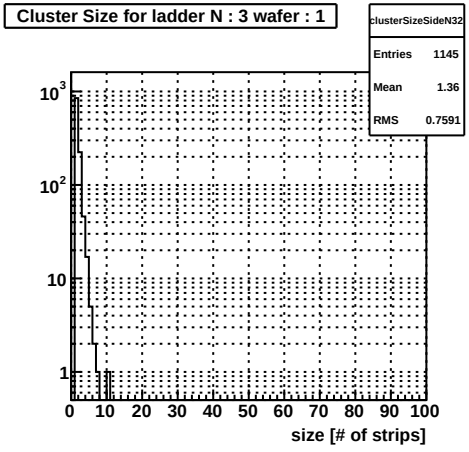

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

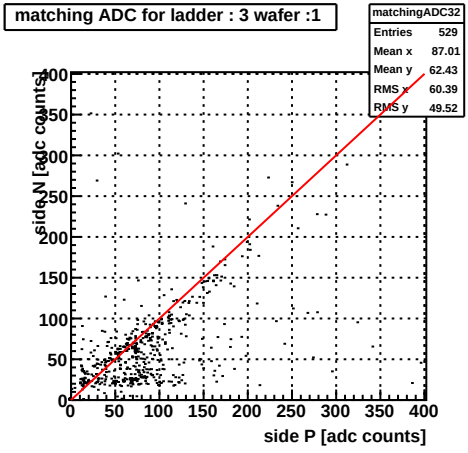

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

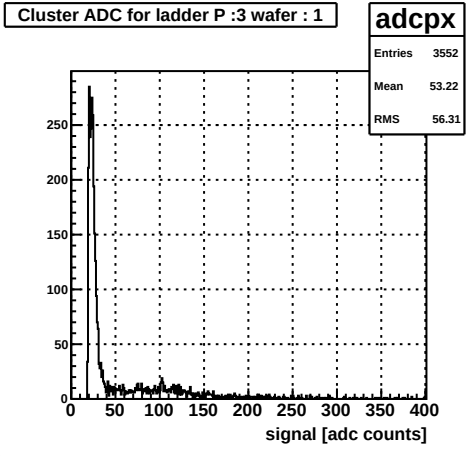

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

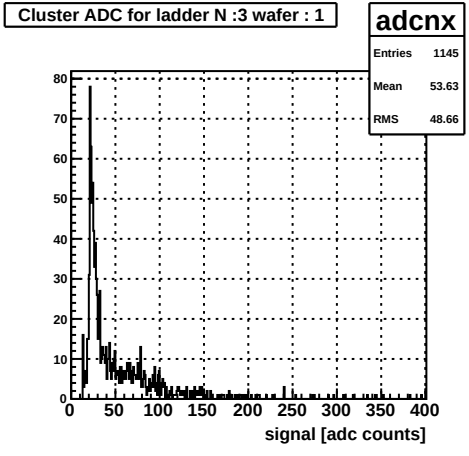

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

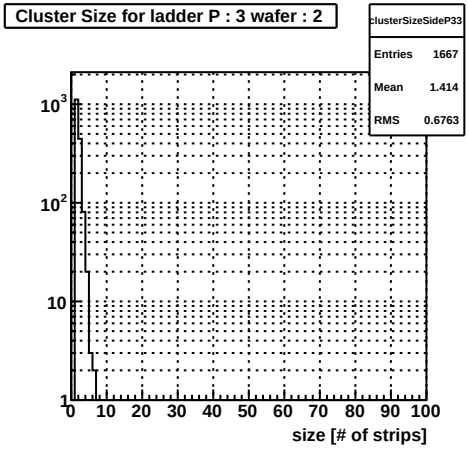

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 3552
Mean 1.194
RMS 0.5161
size [# of strips]

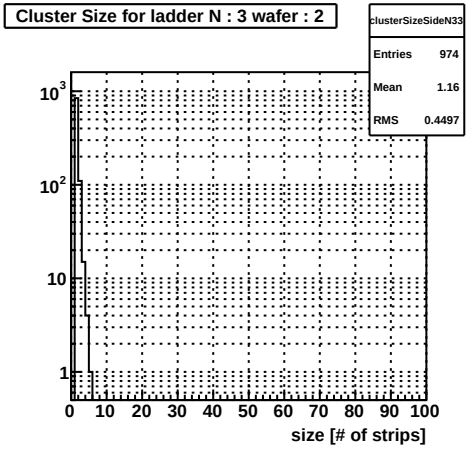

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1145
Mean 1.36
RMS 0.7591
size [# of strips]

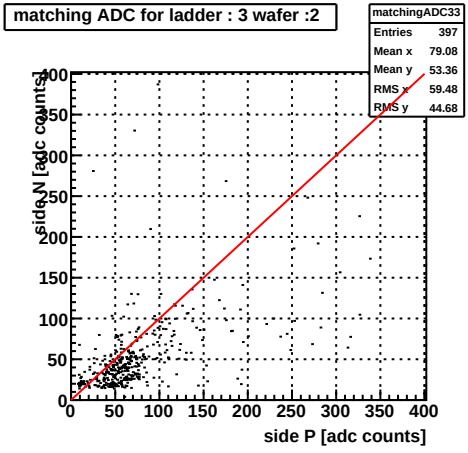

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 529
Mean x 87.01
Mean y 62.43
RMS x 60.39
RMS y 49.52
side N [adc counts]
side P [adc counts]

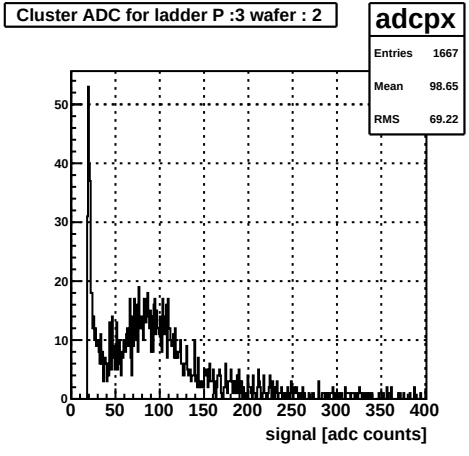

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 3552
Mean 53.22
RMS 56.31
signal [adc counts]

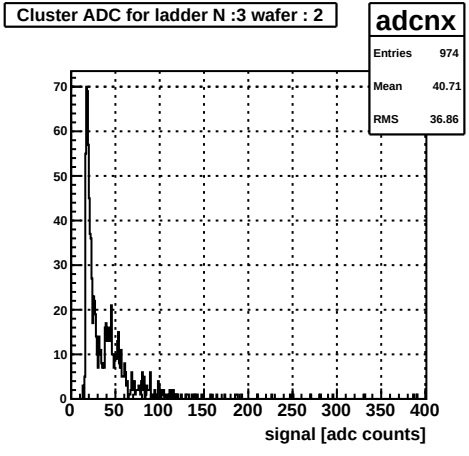

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1145
Mean 53.63
RMS 48.66
signal [adc counts]

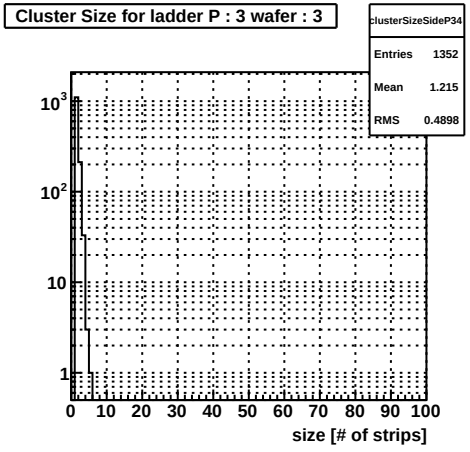

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1667
Mean 1.414
RMS 0.6763
size [# of strips]

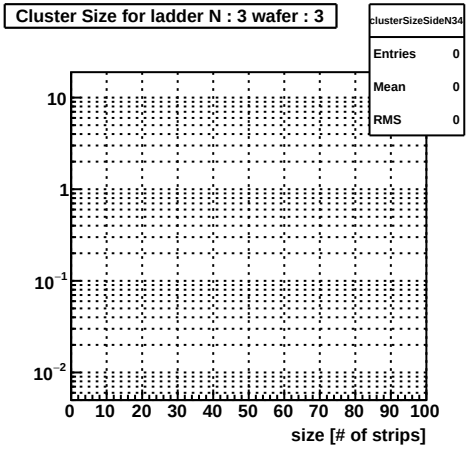

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 974
Mean 1.16
RMS 0.4497
size [# of strips]

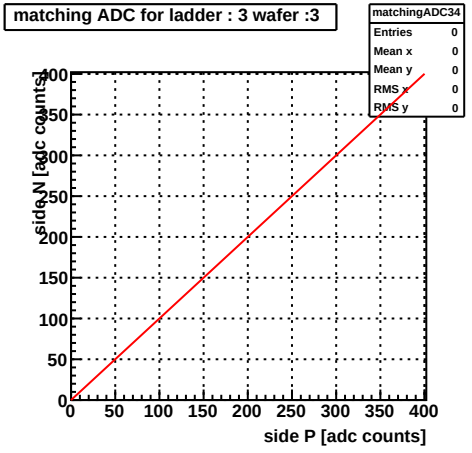

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 397
Mean x 79.08
Mean y 53.36
RMS x 59.48
RMS y 44.68
side N [adc counts]
side P [adc counts]

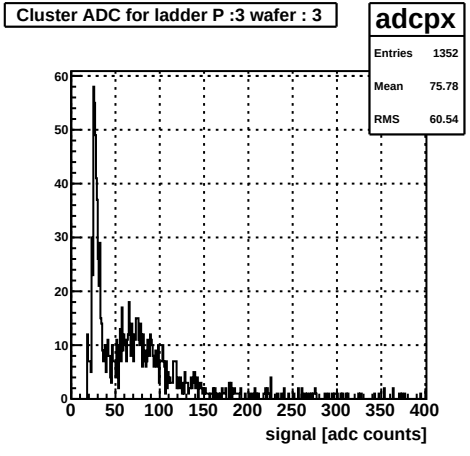

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1667
Mean 98.65
RMS 69.22
signal [adc counts]

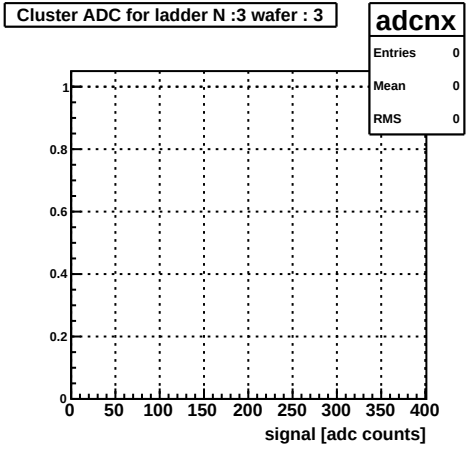

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 974
Mean 40.71
RMS 36.86
signal [adc counts]

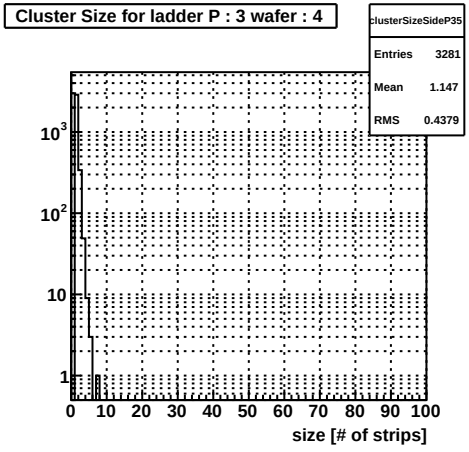

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1352
Mean 1.215
RMS 0.4898
size [# of strips]

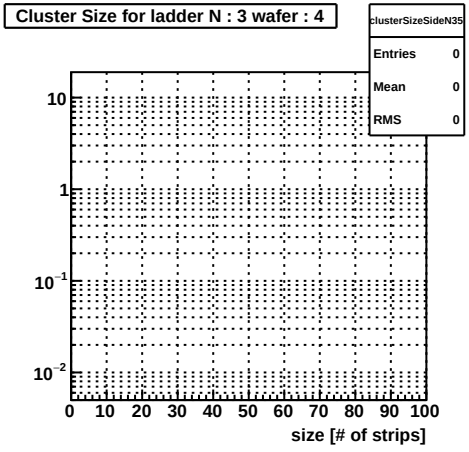

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

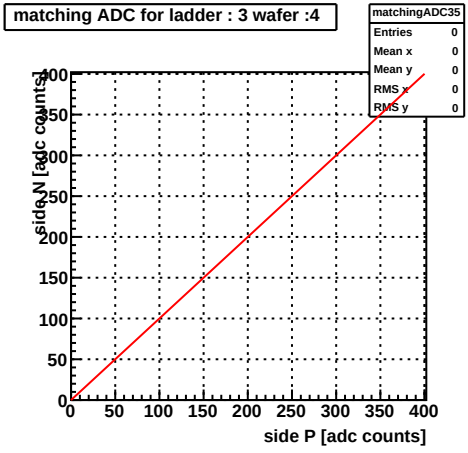

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

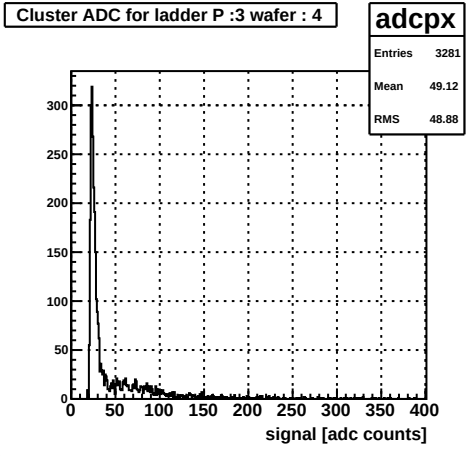

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1352
Mean 75.78
RMS 60.54
signal [adc counts]

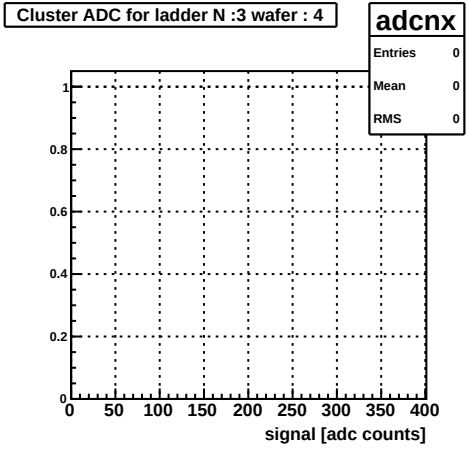

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

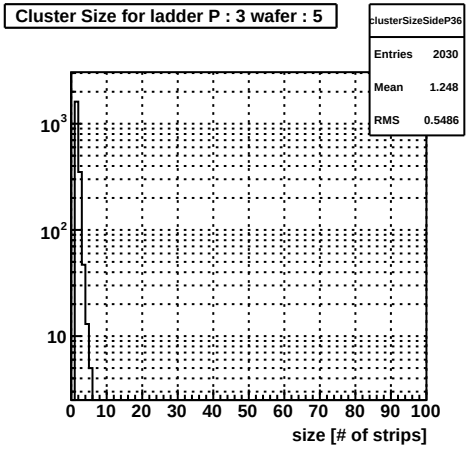

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 3281
Mean 1.147
RMS 0.4379
size [# of strips]

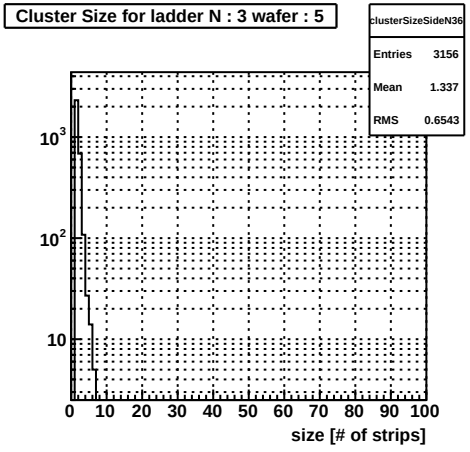

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

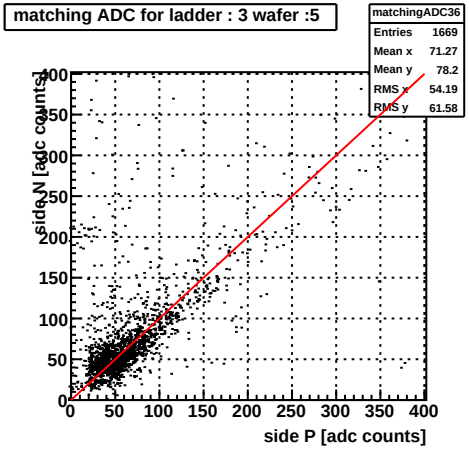

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

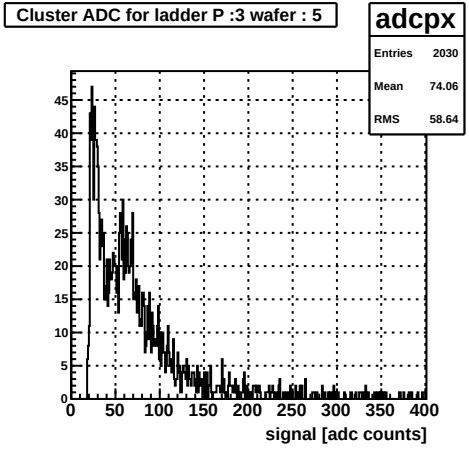

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 3281
Mean 49.12
RMS 48.88
signal [adc counts]

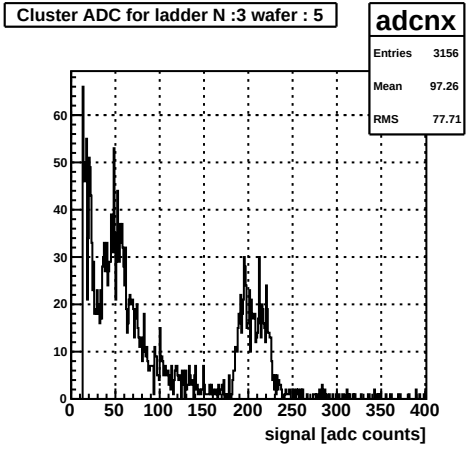

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

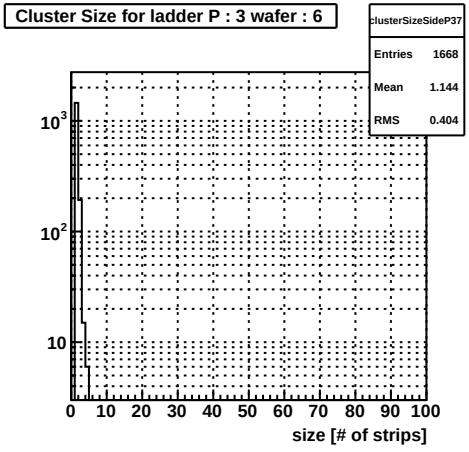

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2030
Mean 1.248
RMS 0.5486
size [# of strips]

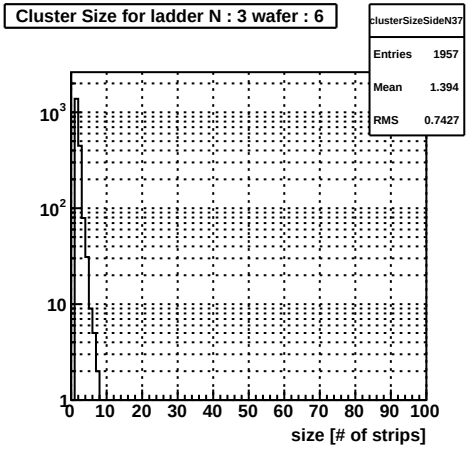

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3156
Mean 1.337
RMS 0.6543
size [# of strips]

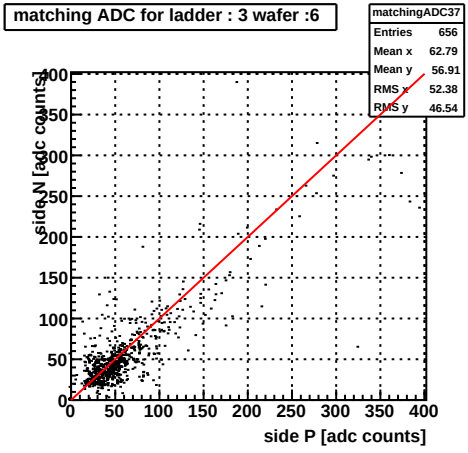

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1669
Mean x 71.27
Mean y 78.2
RMS x 54.19
RMS y 61.58
side N [adc counts]
side P [adc counts]

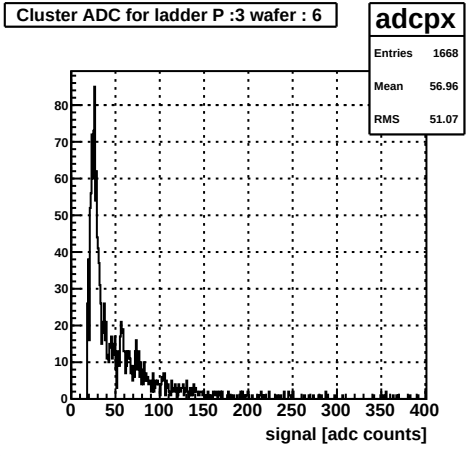

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2030
Mean 74.06
RMS 58.64
signal [adc counts]

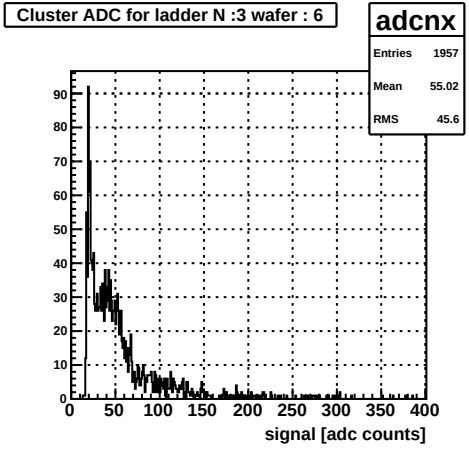

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3156
Mean 97.26
RMS 77.71
signal [adc counts]

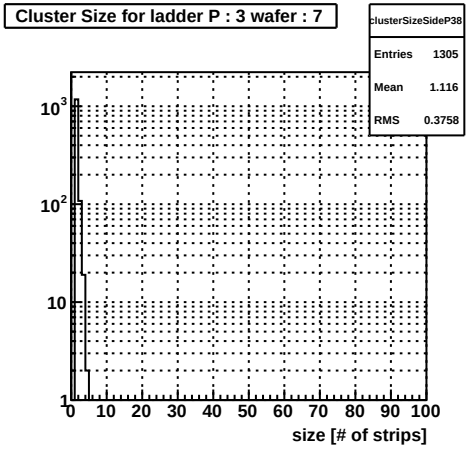

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 1668
Mean 1.144
RMS 0.404
size [# of strips]

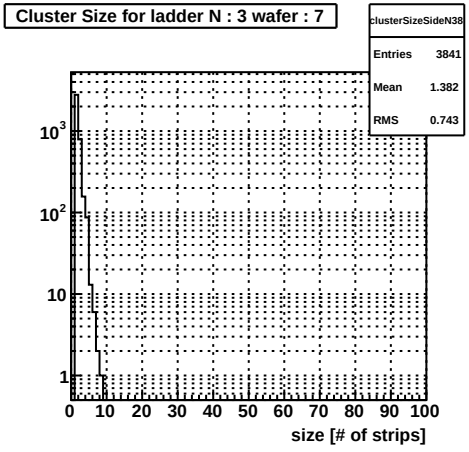

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1957
Mean 1.394
RMS 0.7427
size [# of strips]

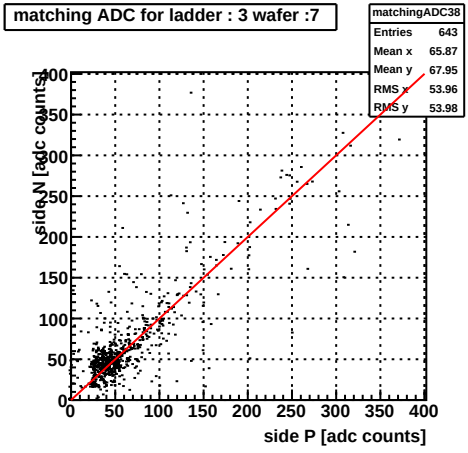

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 656
Mean x 62.79
Mean y 56.91
RMS x 52.38
RMS y 46.54
side N [adc counts]
side P [adc counts]

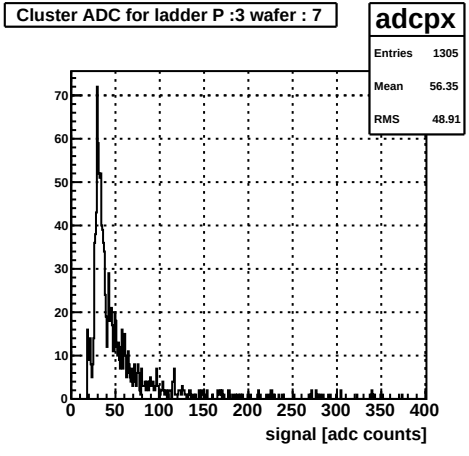

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 1668
Mean 56.96
RMS 51.07
signal [adc counts]

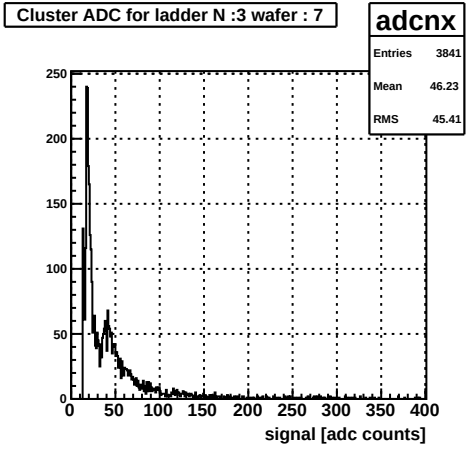

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1957
Mean 55.02
RMS 45.6
signal [adc counts]

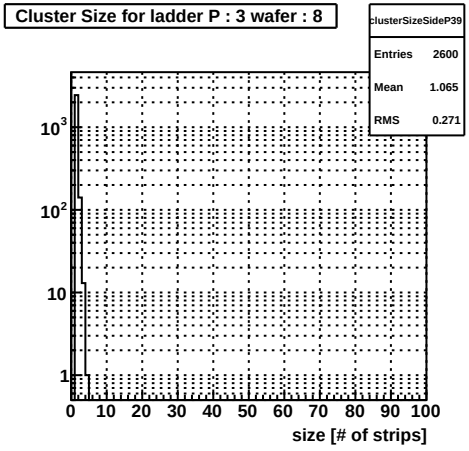

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1305
Mean 1.116
RMS 0.3758
size [# of strips]

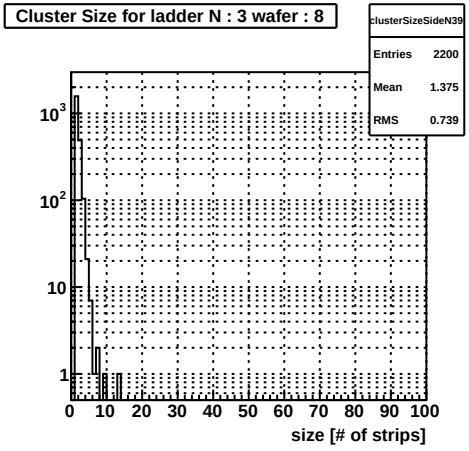

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 3841
Mean 1.382
RMS 0.743
size [# of strips]

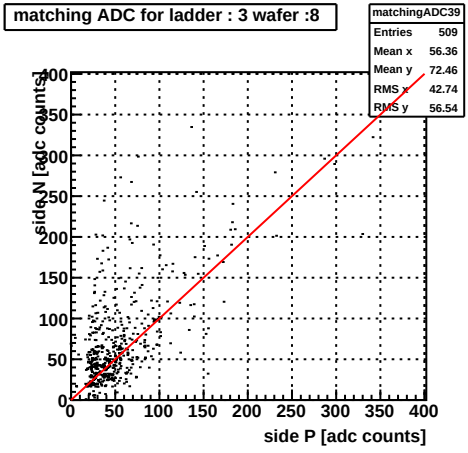

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 643
Mean x 65.87
Mean y 67.95
RMS x 53.96
RMS y 53.98
side N [adc counts]
side P [adc counts]

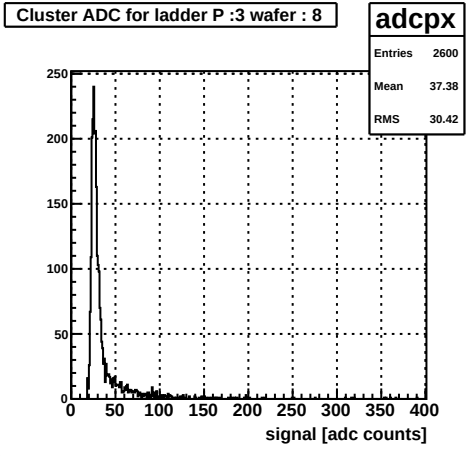

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1305
Mean 56.35
RMS 48.91
signal [adc counts]

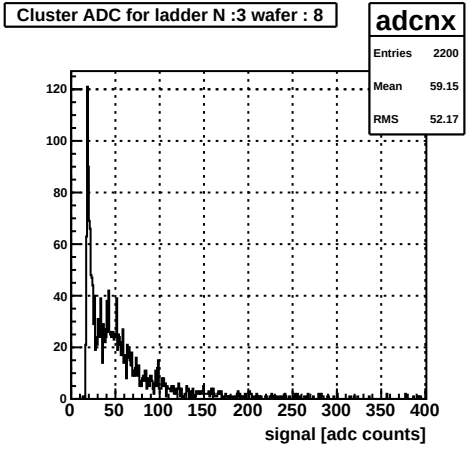

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 3841
Mean 46.23
RMS 45.41
signal [adc counts]

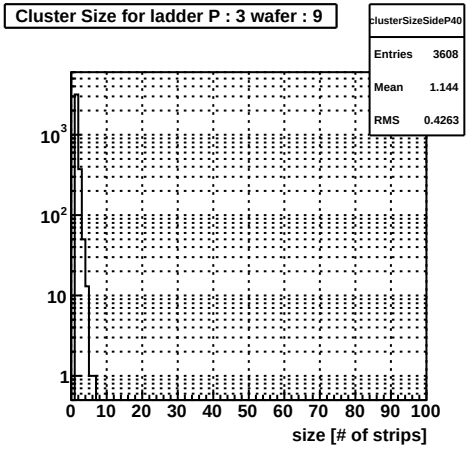

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 2600
Mean 1.065
RMS 0.271
size [# of strips]

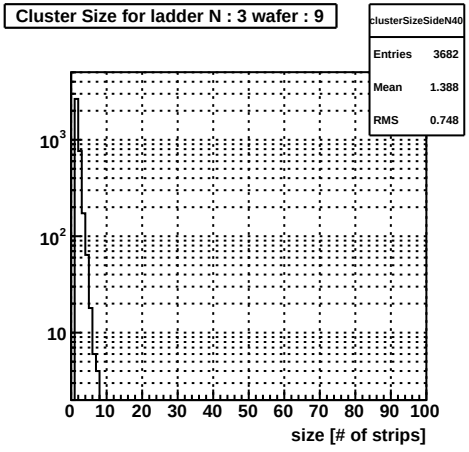

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2200
Mean 1.375
RMS 0.739
size [# of strips]

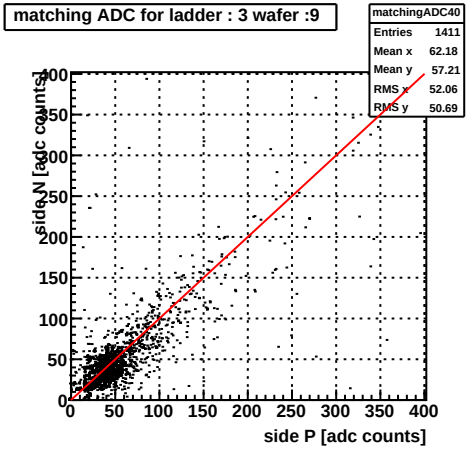

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 509
Mean x 56.36
Mean y 72.46
RMS x 42.74
RMS y 56.54
side N [adc counts]
side P [adc counts]

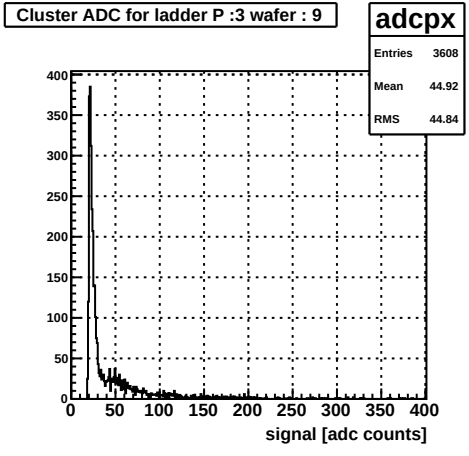

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 2600
Mean 37.38
RMS 30.42
signal [adc counts]

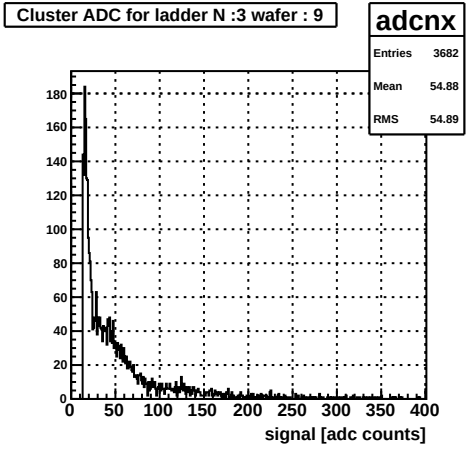

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2200
Mean 59.15
RMS 52.17
signal [adc counts]

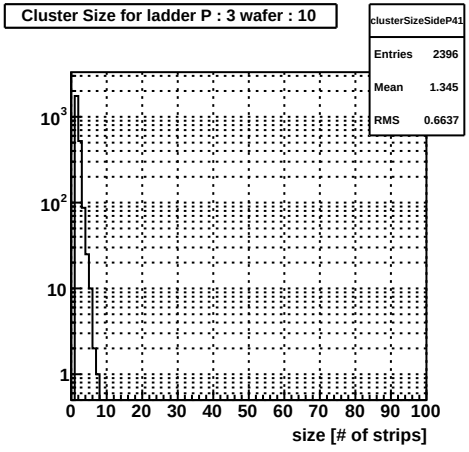

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 3608
Mean 1.144
RMS 0.4263
size [# of strips]

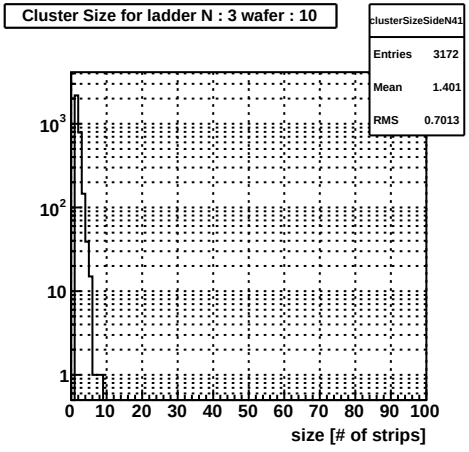

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3682
Mean 1.388
RMS 0.748
size [# of strips]

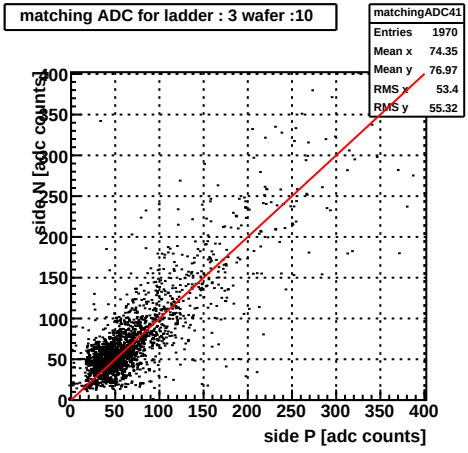

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1411
Mean x 62.18
Mean y 57.21
RMS x 52.06
RMS y 50.69
side N [adc counts]
side P [adc counts]

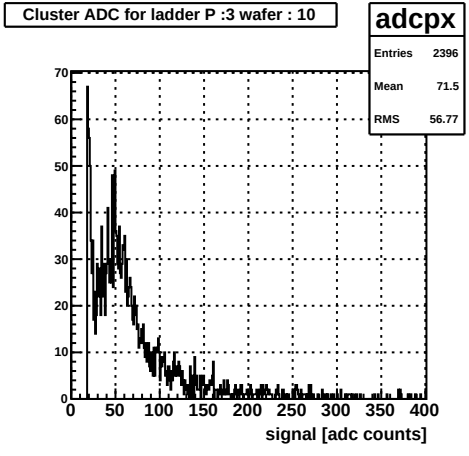

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 3608
Mean 44.92
RMS 44.84
signal [adc counts]

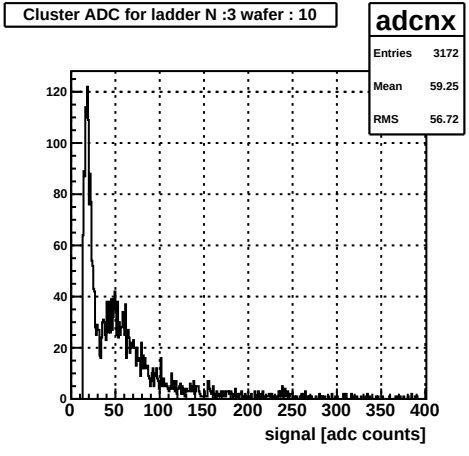

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3682
Mean 54.88
RMS 54.89
signal [adc counts]

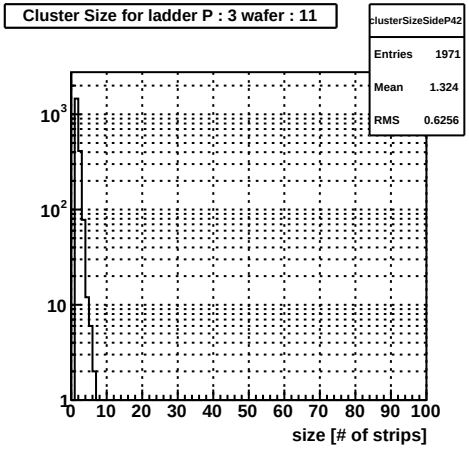

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2396
Mean 1.345
RMS 0.6637
size [# of strips]

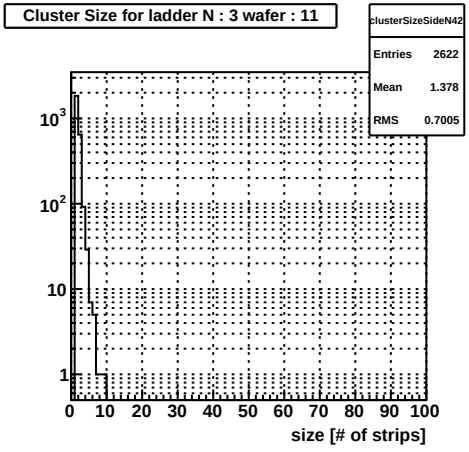

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 3172
Mean 1.401
RMS 0.7013
size [# of strips]

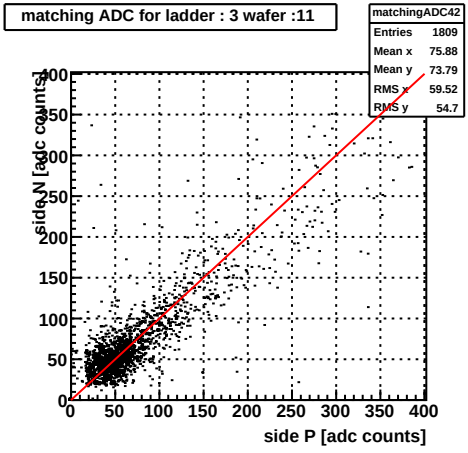

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1970
Mean x 74.35
Mean y 76.97
RMS x 53.4
RMS y 55.32
side N [adc counts]
side P [adc counts]

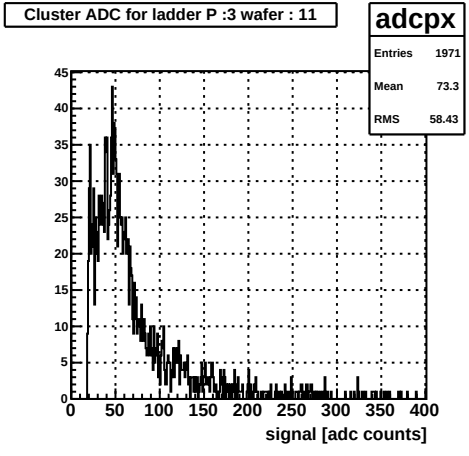

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2396
Mean 71.5
RMS 56.77
signal [adc counts]

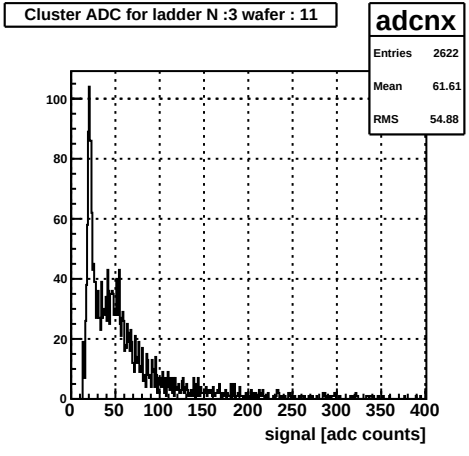

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 3172
Mean 59.25
RMS 56.72
signal [adc counts]

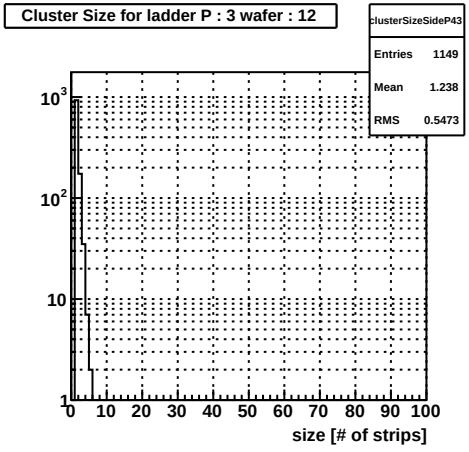

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1971
Mean 1.324
RMS 0.6256
size [# of strips]

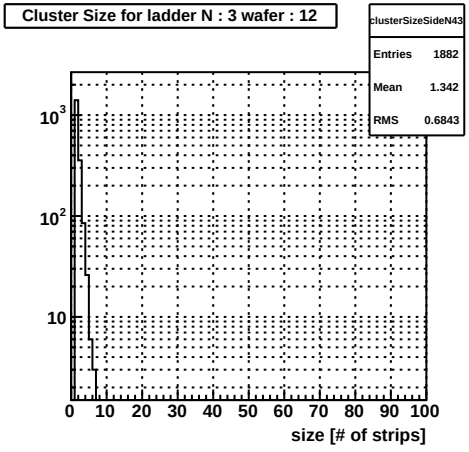

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2622
Mean 1.378
RMS 0.7005
size [# of strips]

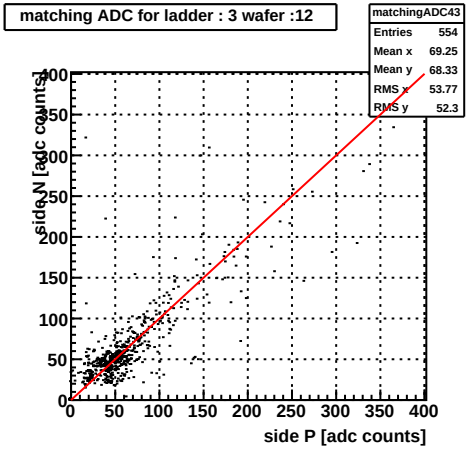

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1809
Mean x 75.88
Mean y 73.79
RMS x 59.52
RMS y 54.7
side N [adc counts]
side P [adc counts]

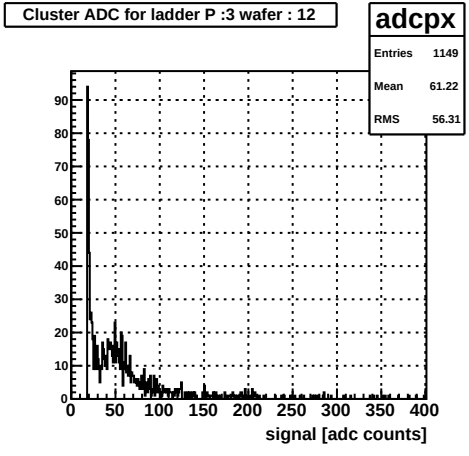

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1971
Mean 73.3
RMS 58.43
signal [adc counts]

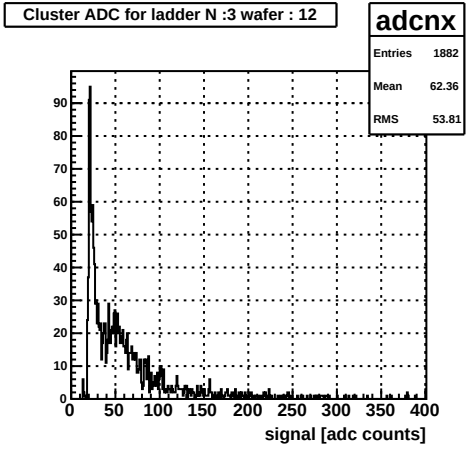

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2622
Mean 61.61
RMS 54.88
signal [adc counts]

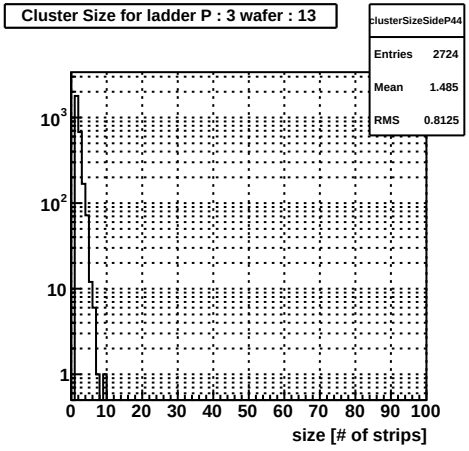

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 1149
Mean 1.238
RMS 0.5473
size [# of strips]

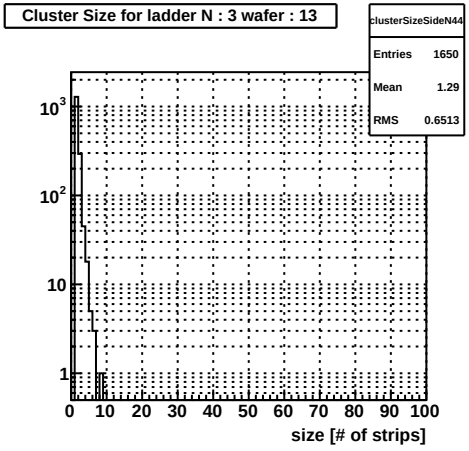

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1882
Mean 1.342
RMS 0.6843
size [# of strips]

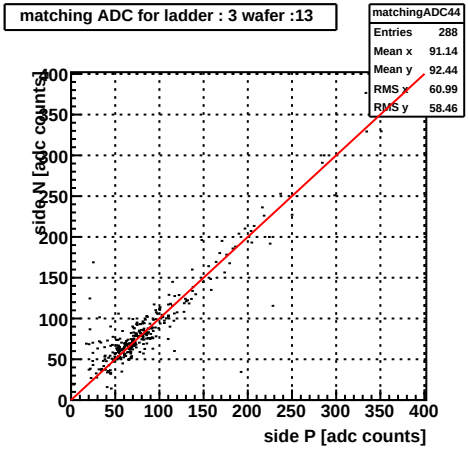

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 554
Mean x 69.25
Mean y 68.33
RMS x 53.77
RMS y 52.3
side N [adc counts]
side P [adc counts]

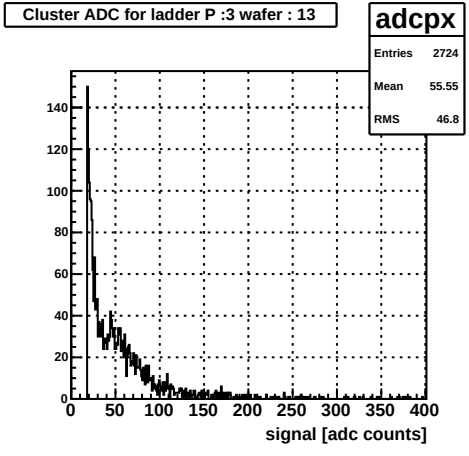

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 1149
Mean 61.22
RMS 56.31
signal [adc counts]

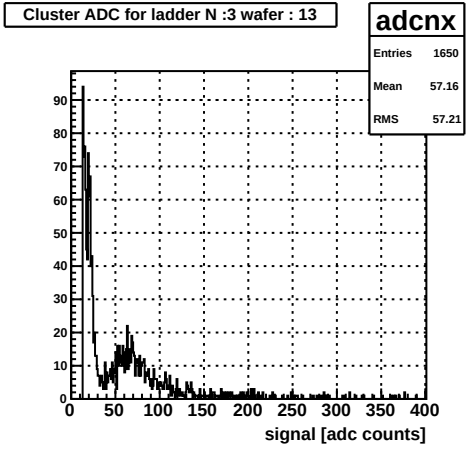

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1882
Mean 62.36
RMS 53.81
signal [adc counts]

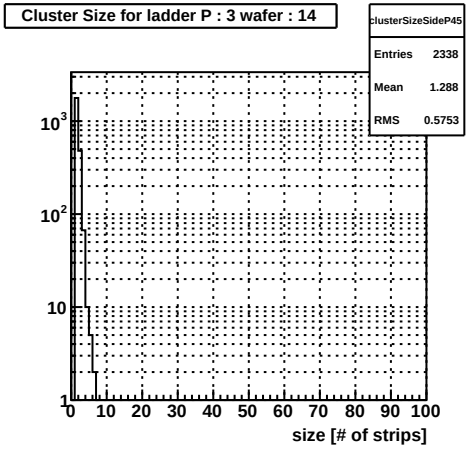

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 2724
Mean 1.485
RMS 0.8125
size [# of strips]

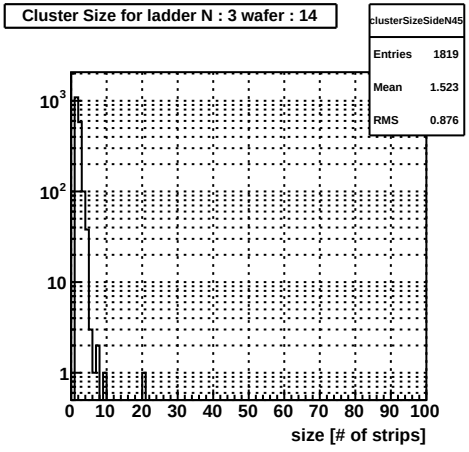

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1650
Mean 1.29
RMS 0.6513
size [# of strips]

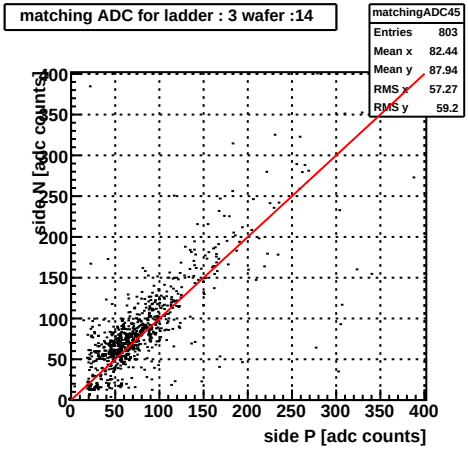

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 288
Mean x 91.14
Mean y 92.44
RMS x 60.99
RMS y 58.46
side N [adc counts]
side P [adc counts]

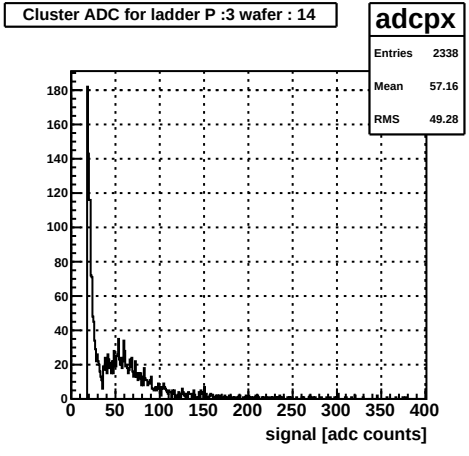

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 2724
Mean 55.55
RMS 46.8
signal [adc counts]

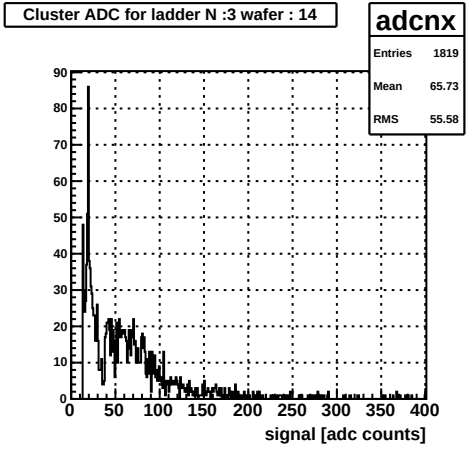

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1650
Mean 57.16
RMS 57.21
signal [adc counts]

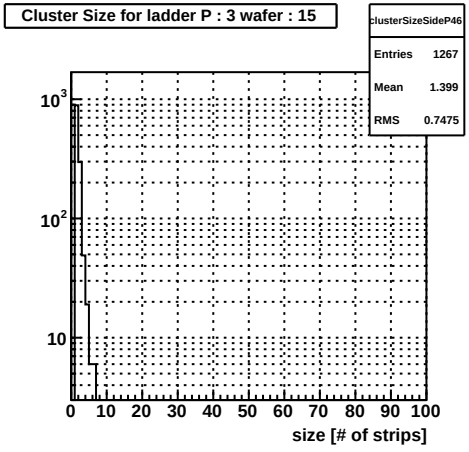

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2338
Mean 1.288
RMS 0.5753
size [# of strips]

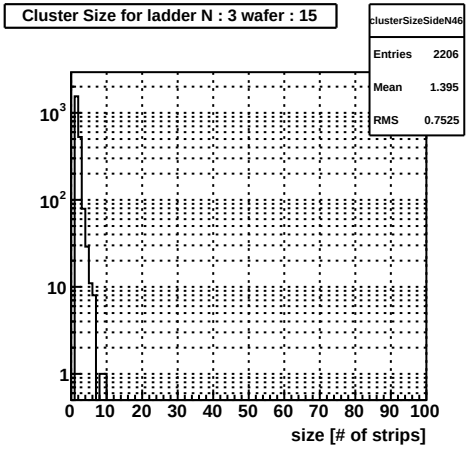

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1819
Mean 1.523
RMS 0.876
size [# of strips]

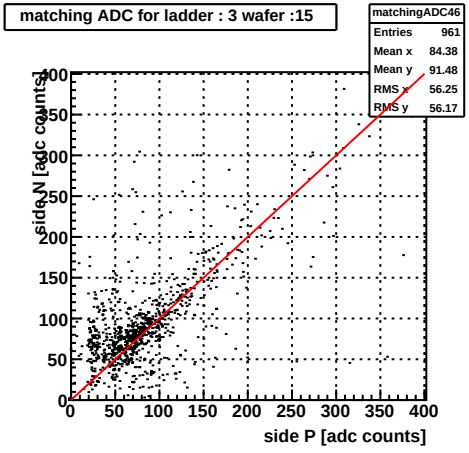

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 803
Mean x 82.44
Mean y 87.94
RMS x 57.27
RMS y 59.2
side N [adc counts]
side P [adc counts]

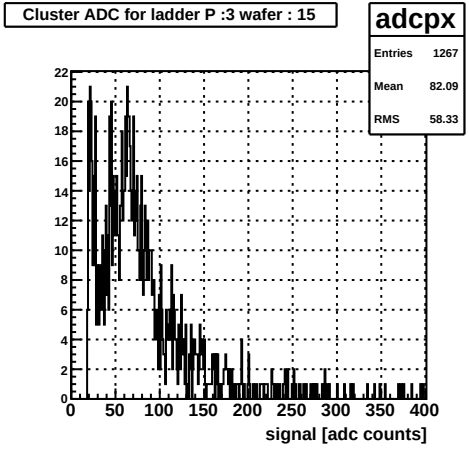

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2338
Mean 57.16
RMS 49.28
signal [adc counts]

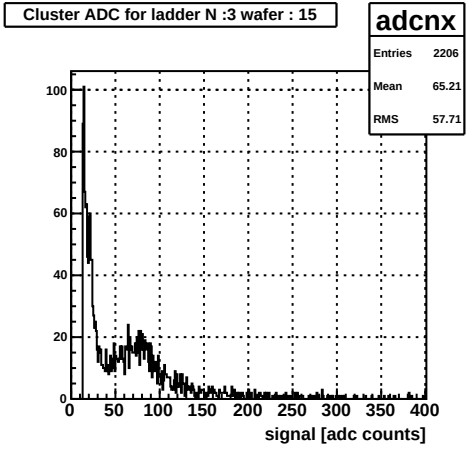

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1819
Mean 65.73
RMS 55.58
signal [adc counts]

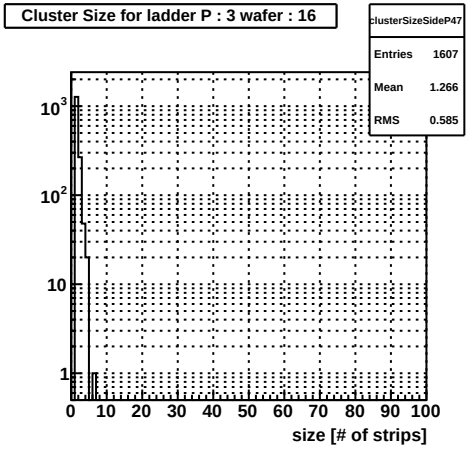

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1267
Mean 1.399
RMS 0.7475
size [# of strips]

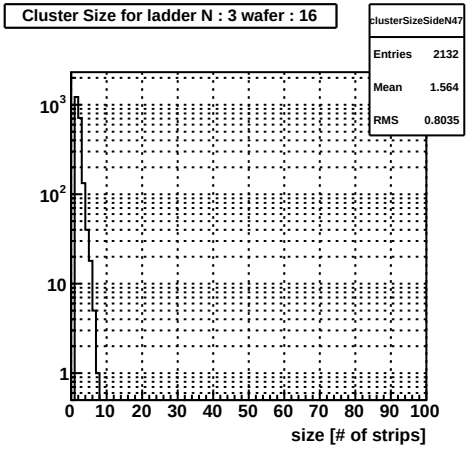

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2206
Mean 1.395
RMS 0.7525
size [# of strips]

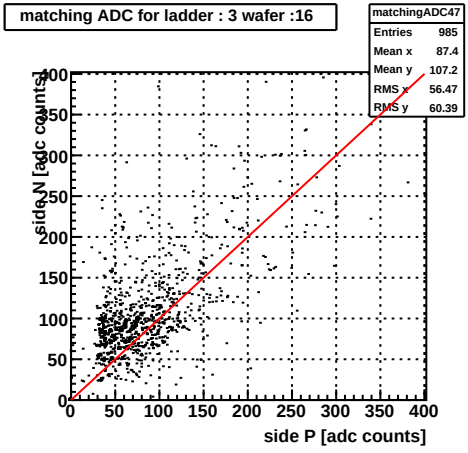

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 961
Mean x 84.38
Mean y 91.48
RMS x 56.25
RMS y 56.17
side N [adc counts]
side P [adc counts]

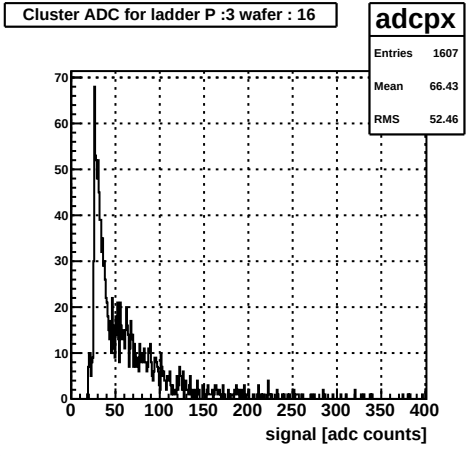

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1267
Mean 82.09
RMS 58.33
signal [adc counts]

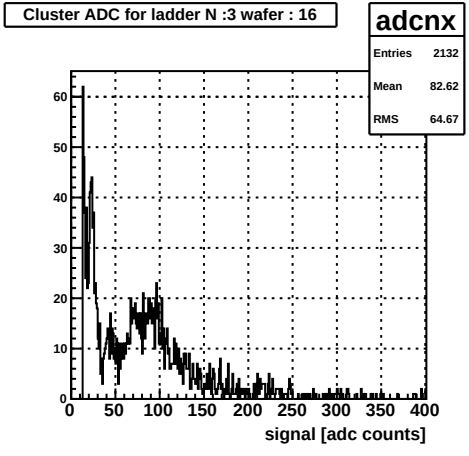

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2206
Mean 65.21
RMS 57.71
signal [adc counts]

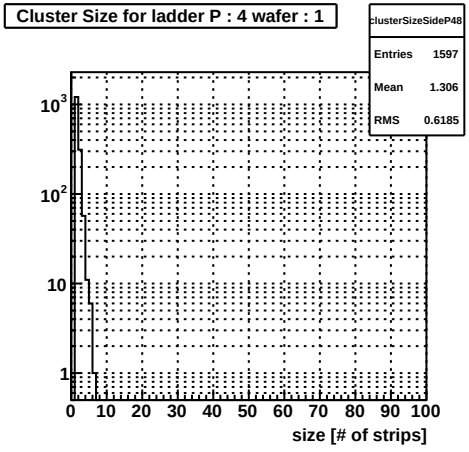

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1607
Mean 1.266
RMS 0.585
size [# of strips]

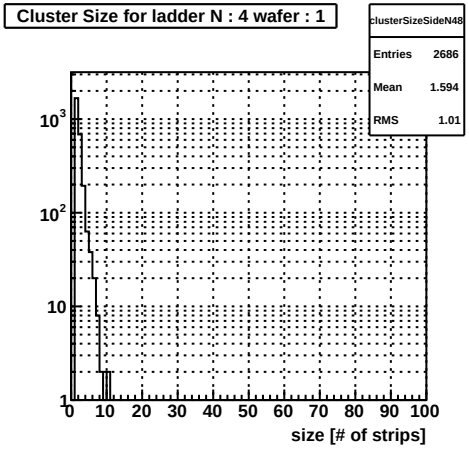

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2132
Mean 1.564
RMS 0.8035
size [# of strips]

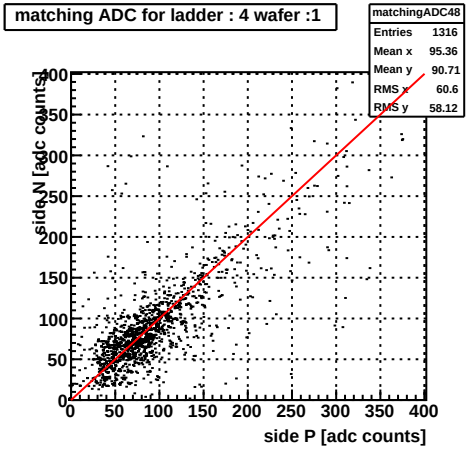

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 985
Mean x 87.4
Mean y 107.2
RMS x 56.47
RMS y 60.39
side N [adc counts]
side P [adc counts]

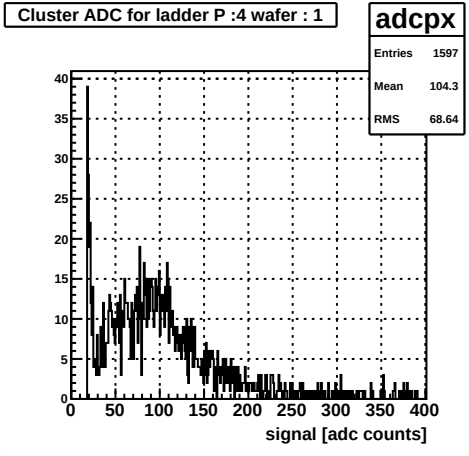

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1607
Mean 66.43
RMS 52.46
signal [adc counts]

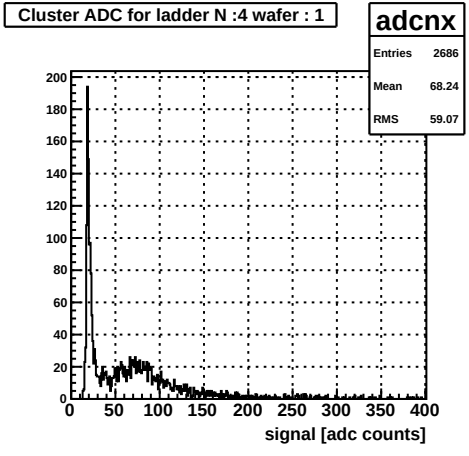

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2132
Mean 82.62
RMS 64.67
signal [adc counts]

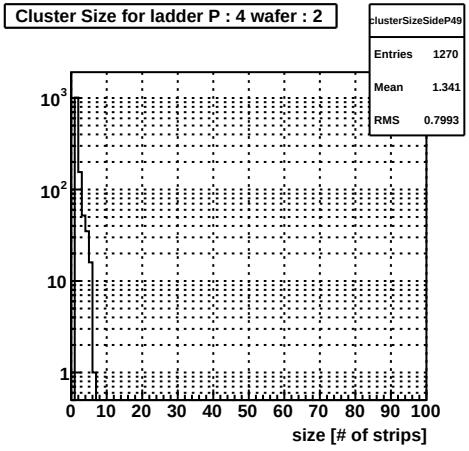

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1597
Mean 1.306
RMS 0.6185
size [# of strips]

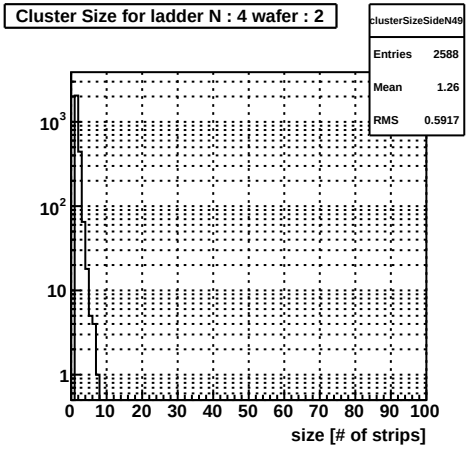

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2686
Mean 1.594
RMS 1.01
size [# of strips]

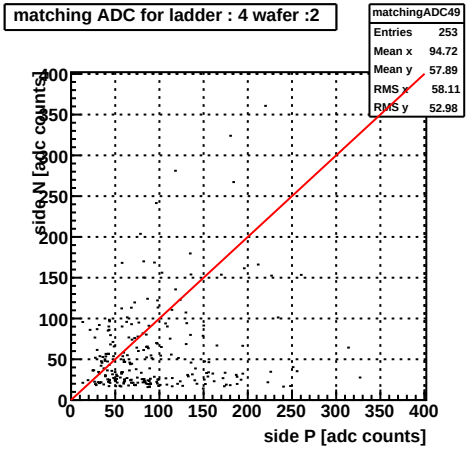

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1316
Mean x 95.36
Mean y 90.71
RMS x 60.6
RMS y 58.12
side N [adc counts]
side P [adc counts]

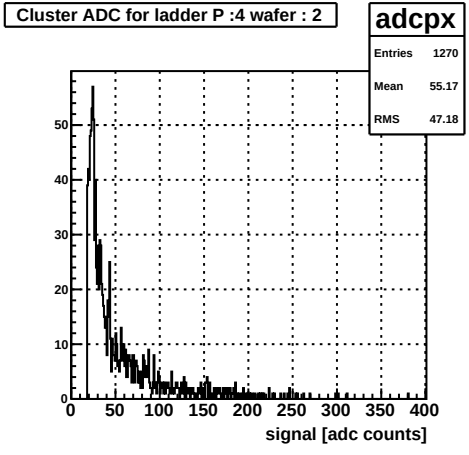

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1597
Mean 104.3
RMS 68.64
signal [adc counts]

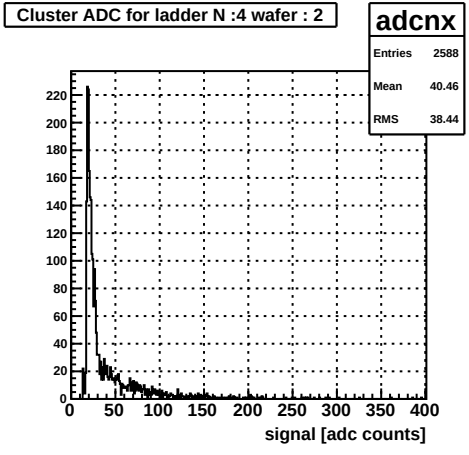

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2686
Mean 68.24
RMS 59.07
signal [adc counts]

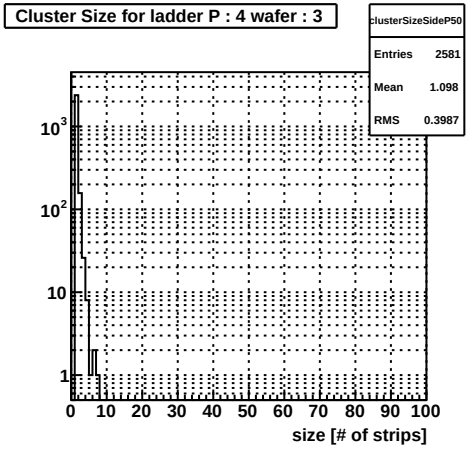

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 1270
Mean 1.341
RMS 0.7993
size [# of strips]

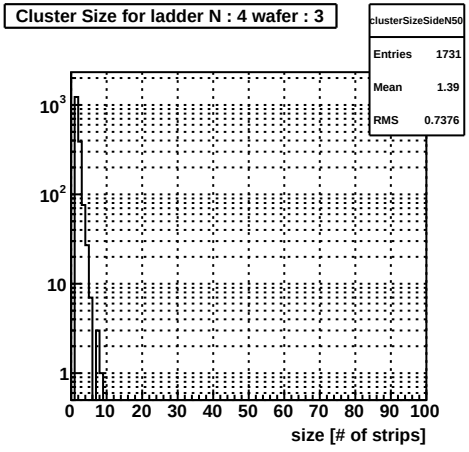

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 2588
Mean 1.26
RMS 0.5917
size [# of strips]

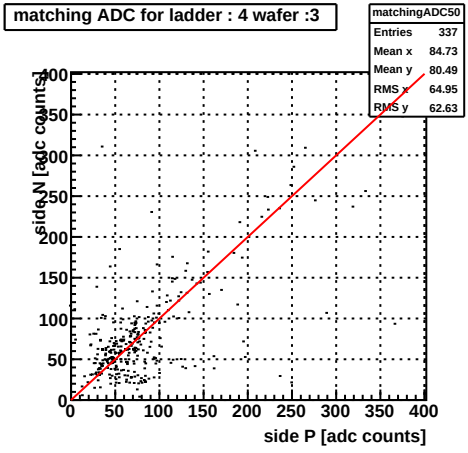

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 253
Mean x 94.72
Mean y 57.89
RMS x 58.11
RMS y 52.98
side N [adc counts]
side P [adc counts]

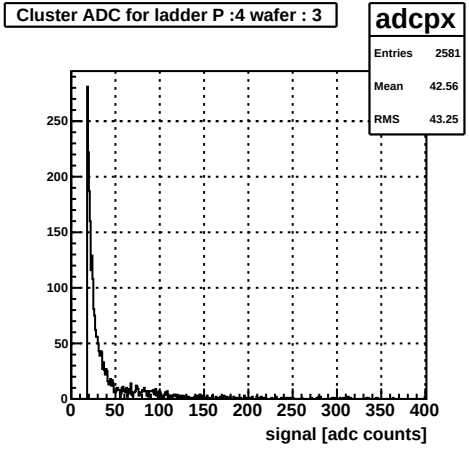

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 1270
Mean 55.17
RMS 47.18
signal [adc counts]

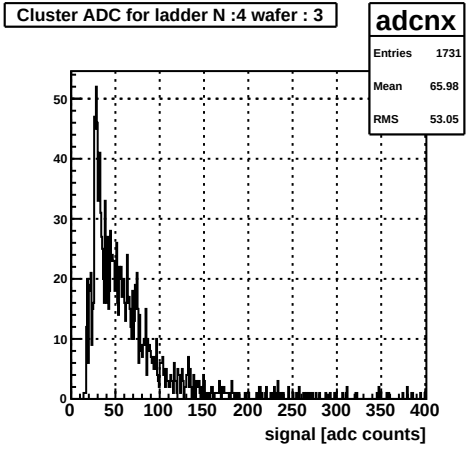

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 2588
Mean 40.46
RMS 38.44
signal [adc counts]

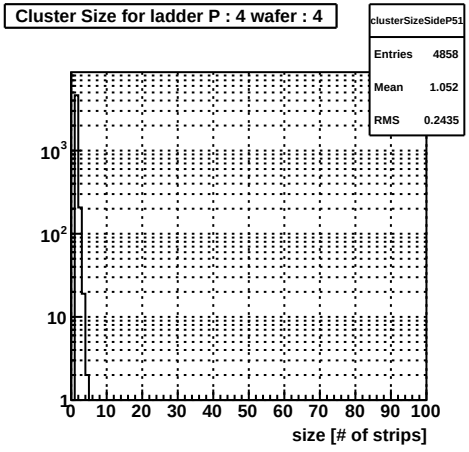

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 2581
Mean 1.098
RMS 0.3987
size [# of strips]

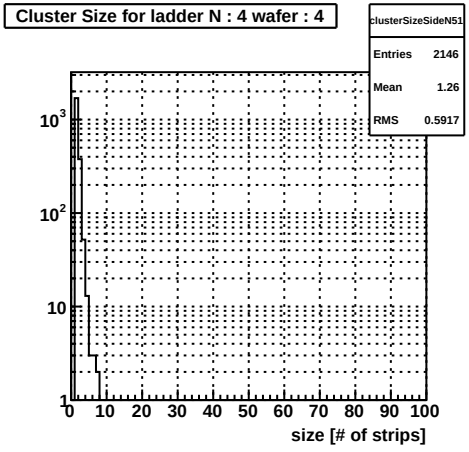

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1731
Mean 1.39
RMS 0.7376
size [# of strips]

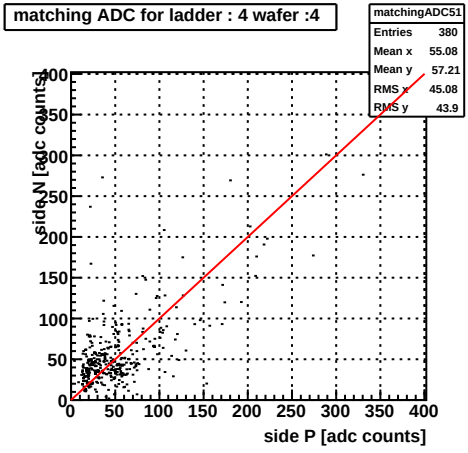

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 337
Mean x 84.73
Mean y 80.49
RMS x 64.95
RMS y 62.63
side N [adc counts]
side P [adc counts]

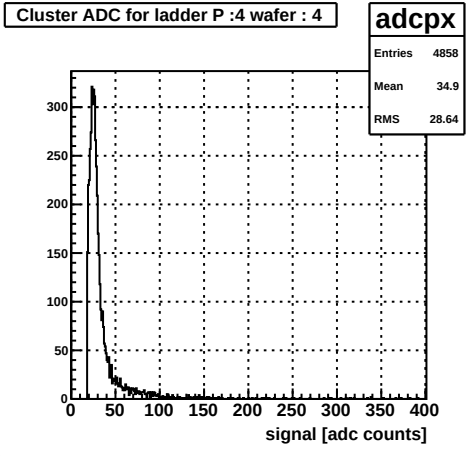

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 2581
Mean 42.56
RMS 43.25
signal [adc counts]

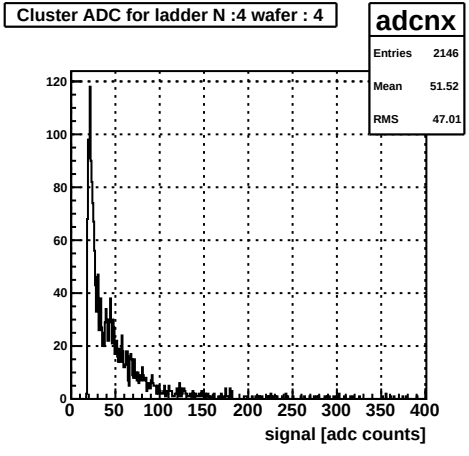

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1731
Mean 65.98
RMS 53.05
signal [adc counts]

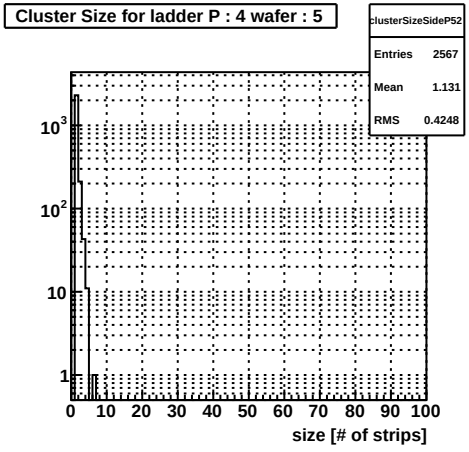

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 4858
Mean 1.052
RMS 0.2435
size [# of strips]

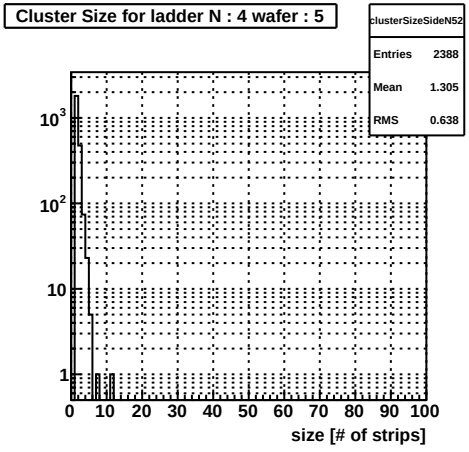

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2146
Mean 1.26
RMS 0.5917
size [# of strips]

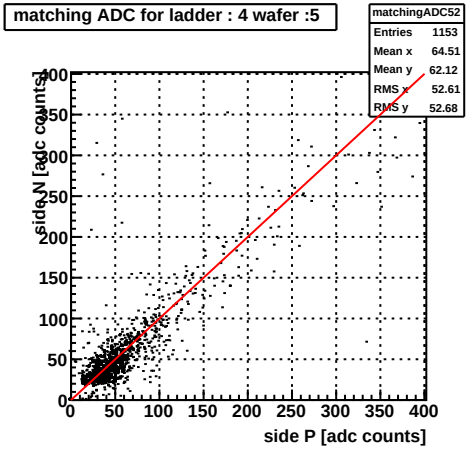

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 380
Mean x 55.08
Mean y 57.21
RMS x 45.08
RMS y 43.9
side N [adc counts]
side P [adc counts]

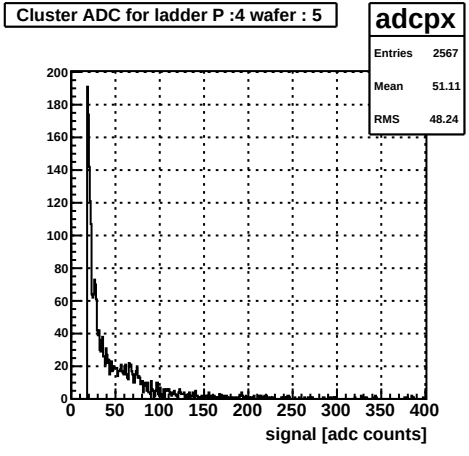

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 4858
Mean 34.9
RMS 28.64
signal [adc counts]

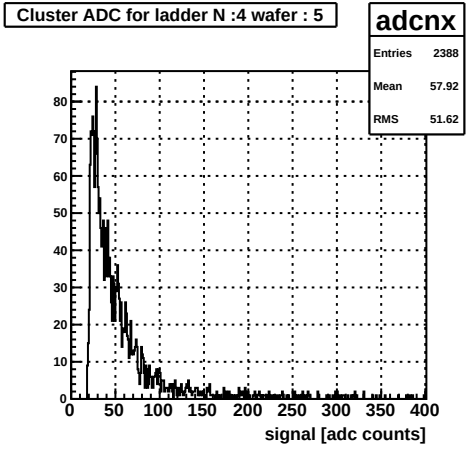

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2146
Mean 51.52
RMS 47.01
signal [adc counts]

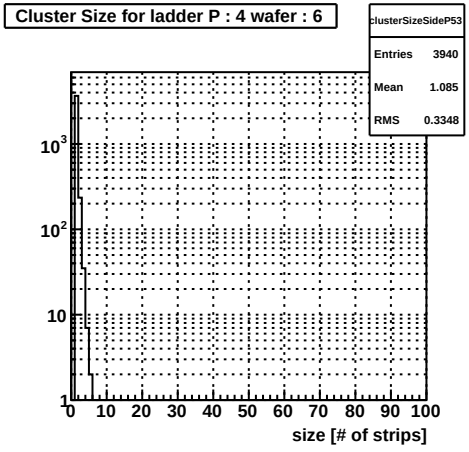

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 2567
Mean 1.131
RMS 0.4248
size [# of strips]

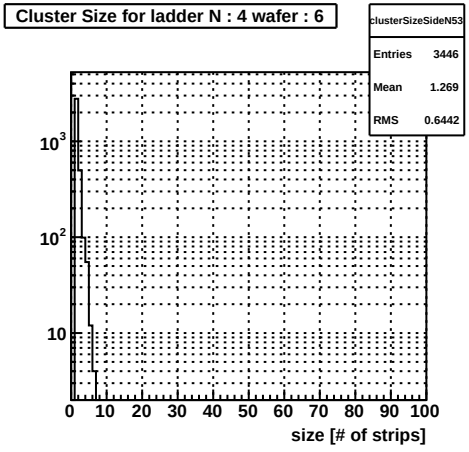

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2388
Mean 1.305
RMS 0.638
size [# of strips]

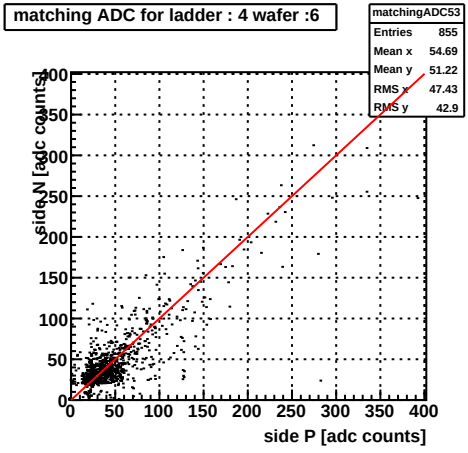

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1153
Mean x 64.51
Mean y 62.12
RMS x 52.61
RMS y 52.68
side N [adc counts]
side P [adc counts]

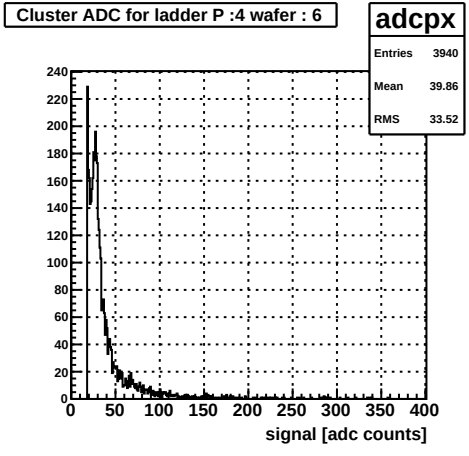

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 2567
Mean 51.11
RMS 48.24
signal [adc counts]

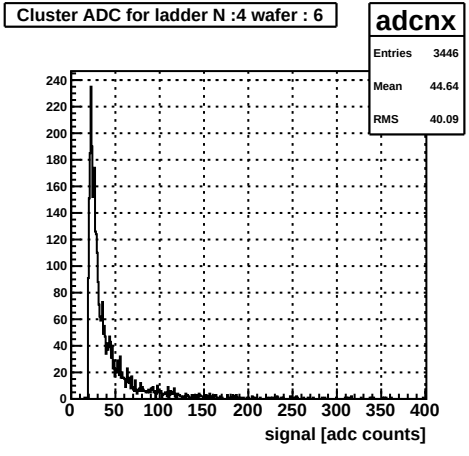

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2388
Mean 57.92
RMS 51.62
signal [adc counts]

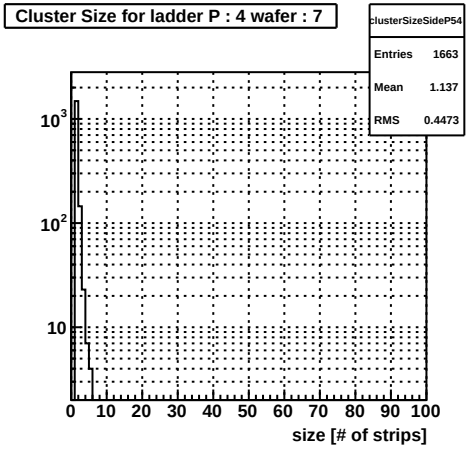

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 3940
Mean 1.085
RMS 0.3348
size [# of strips]

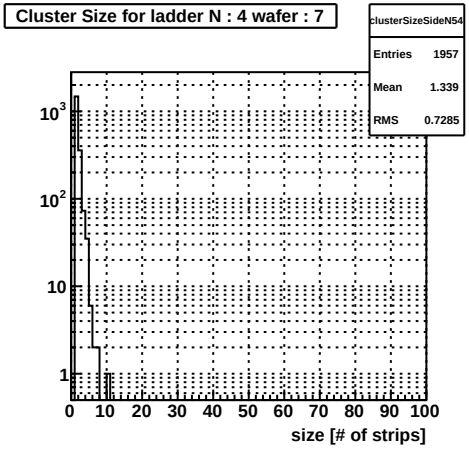

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 3446
Mean 1.269
RMS 0.6442
size [# of strips]

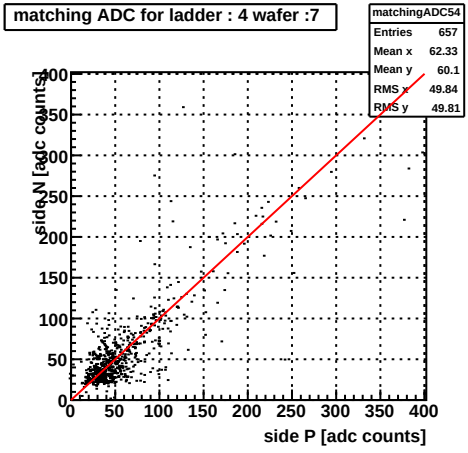

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 855
Mean x 54.69
Mean y 51.22
RMS x 47.43
RMS y 42.9
side N [adc counts]
side P [adc counts]

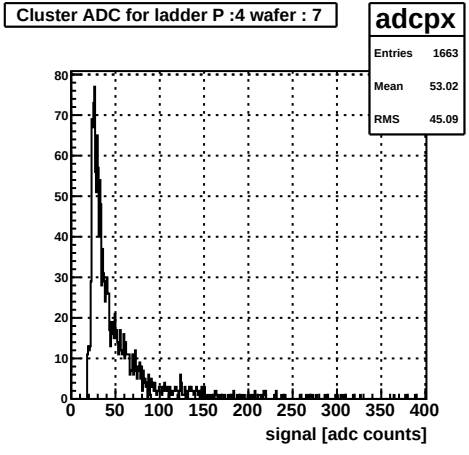

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 3940
Mean 39.86
RMS 33.52
signal [adc counts]

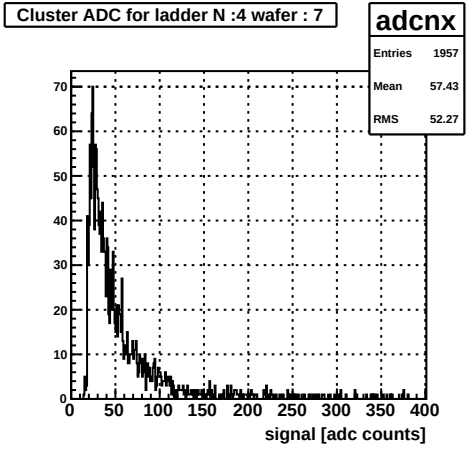

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 3446
Mean 44.64
RMS 40.09
signal [adc counts]

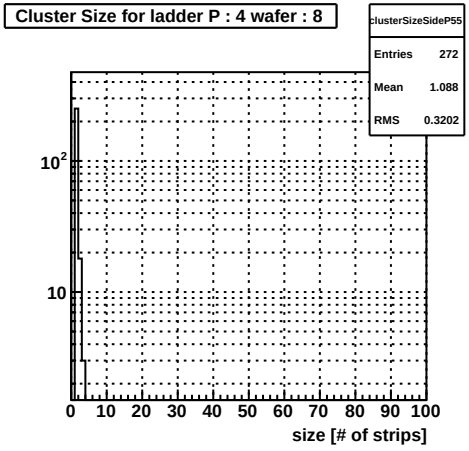

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 1663
Mean 1.137
RMS 0.4473
size [# of strips]

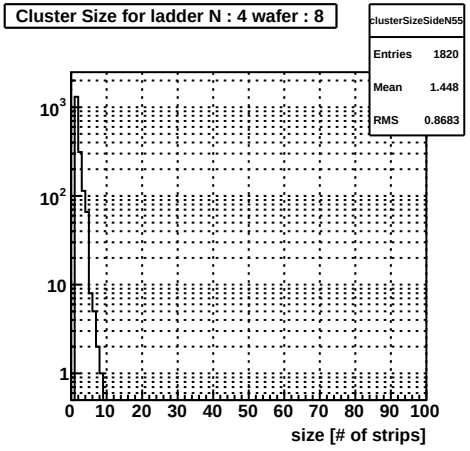

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1957
Mean 1.339
RMS 0.7285
size [# of strips]

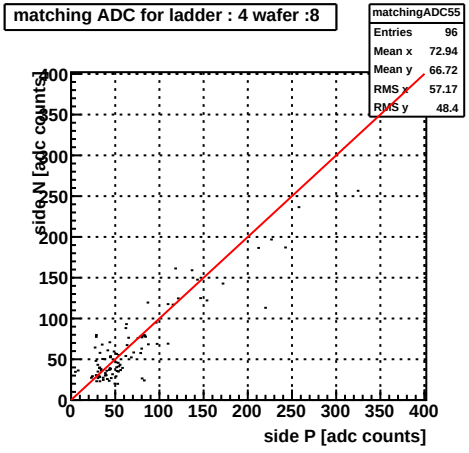

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 657
Mean x 62.33
Mean y 60.1
RMS x 49.84
RMS y 49.81
side N [adc counts]
side P [adc counts]

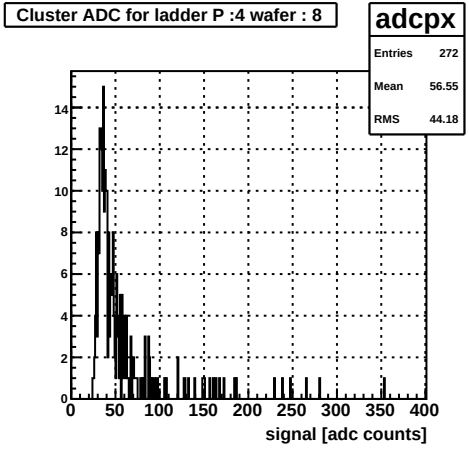

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 1663
Mean 53.02
RMS 45.09
signal [adc counts]

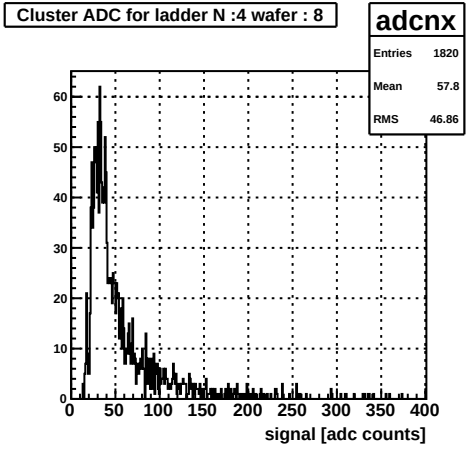

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1957
Mean 57.43
RMS 52.27
signal [adc counts]

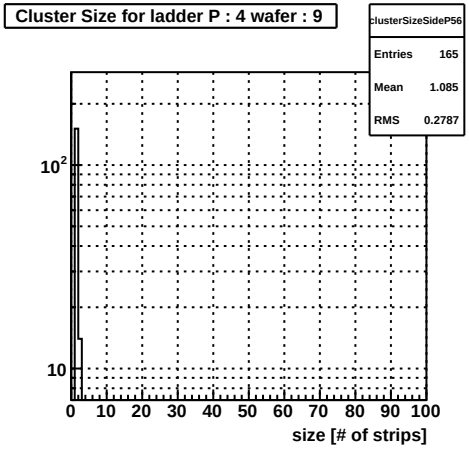

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 272
Mean 1.088
RMS 0.3202
size [# of strips]

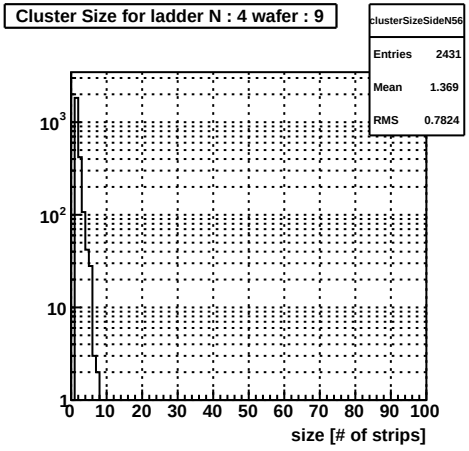

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1820
Mean 1.448
RMS 0.8683
size [# of strips]

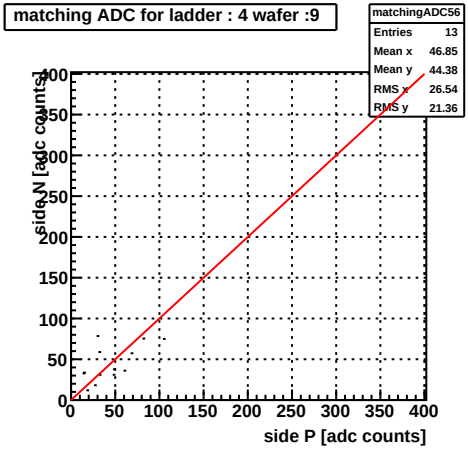

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 96
Mean x 72.94
Mean y 66.72
RMS x 57.17
RMS y 48.4
side N [adc counts]
side P [adc counts]

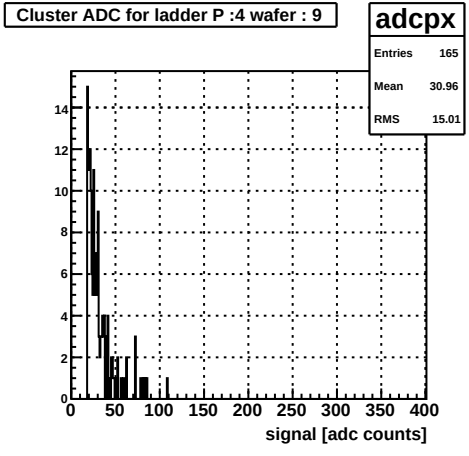

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 272
Mean 56.55
RMS 44.18
signal [adc counts]

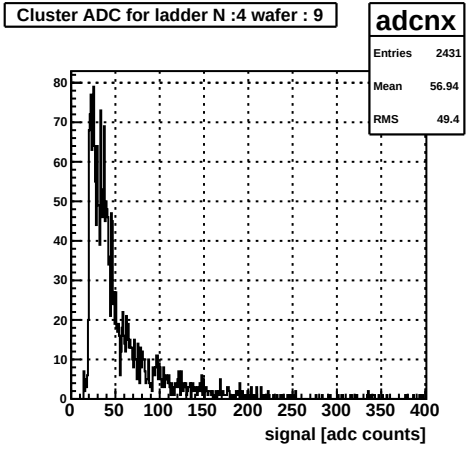

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1820
Mean 57.8
RMS 46.86
signal [adc counts]

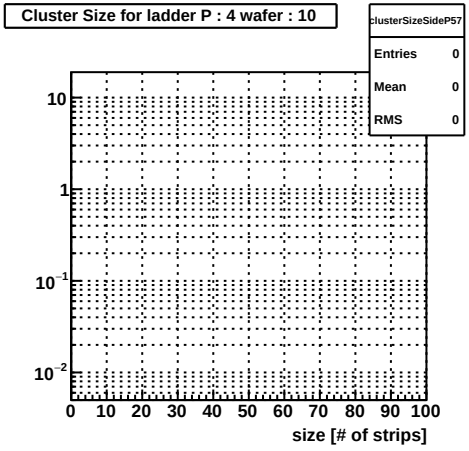

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 165
Mean 1.085
RMS 0.2787
size [# of strips]

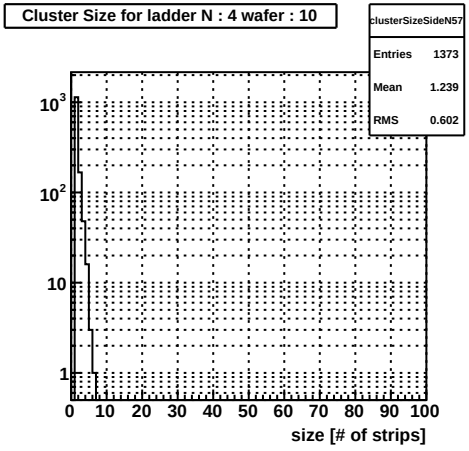

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2431
Mean 1.369
RMS 0.7824
size [# of strips]

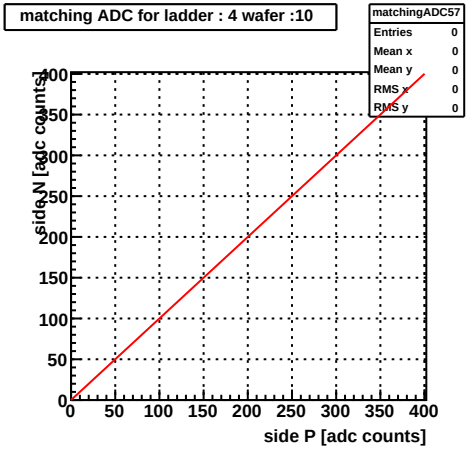

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 13
Mean x 46.85
Mean y 44.38
RMS x 26.54
RMS y 21.36
side N [adc counts]
side P [adc counts]

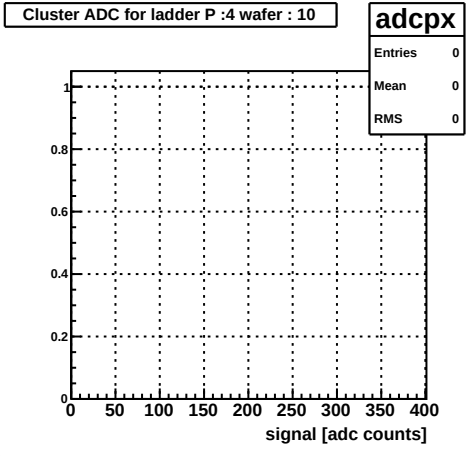

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 165
Mean 30.96
RMS 15.01
signal [adc counts]

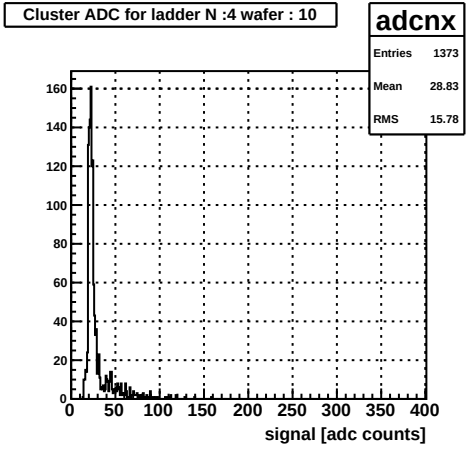

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2431
Mean 56.94
RMS 49.4
signal [adc counts]

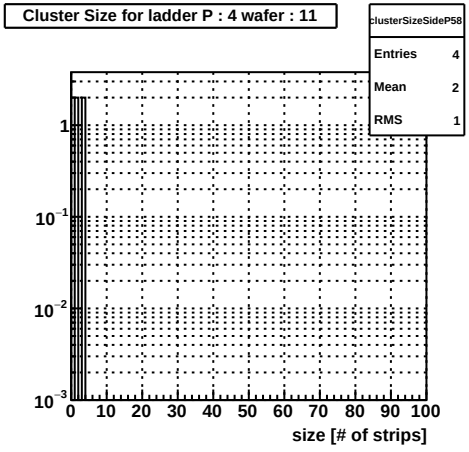

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

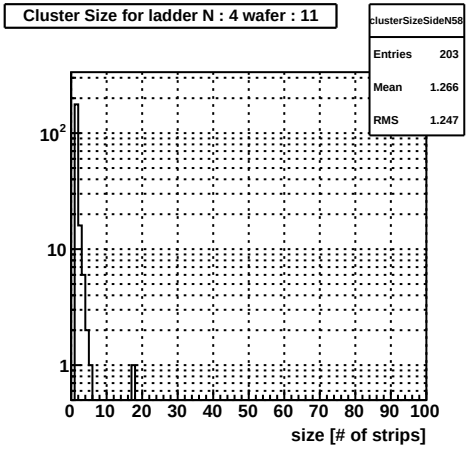

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 1373
Mean 1.239
RMS 0.602
size [# of strips]

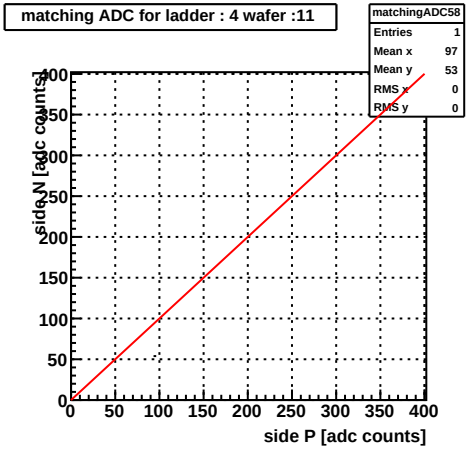

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

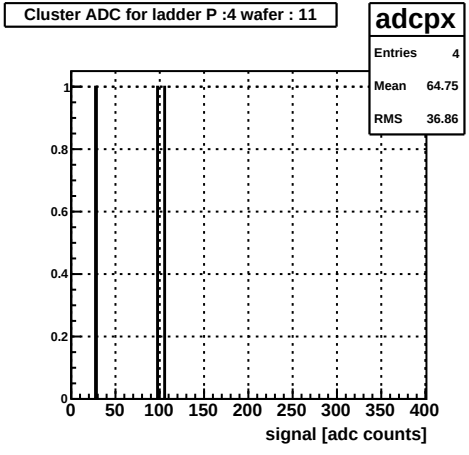

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

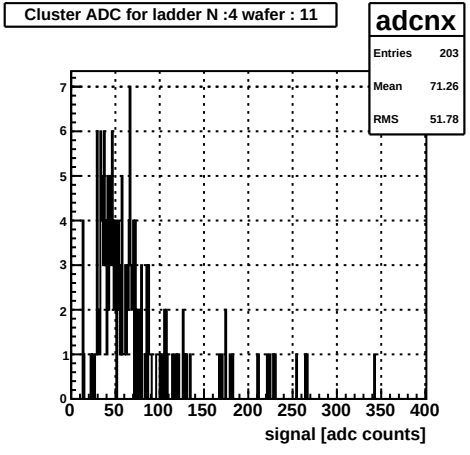

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 1373
Mean 28.83
RMS 15.78
signal [adc counts]

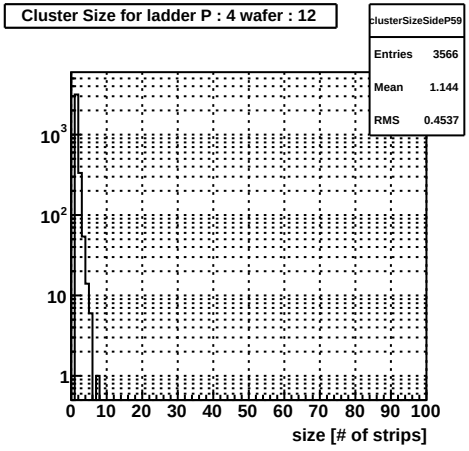

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 4
Mean 2
RMS 1
size [# of strips]

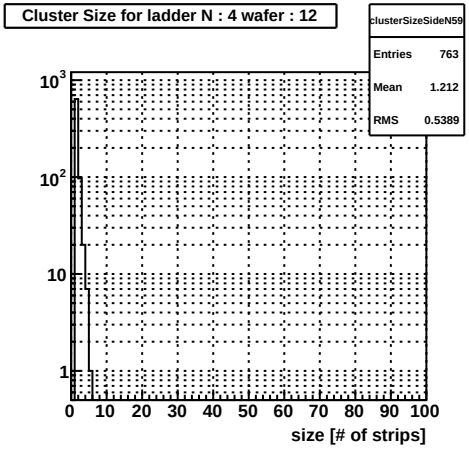

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 203
Mean 1.266
RMS 1.247
size [# of strips]

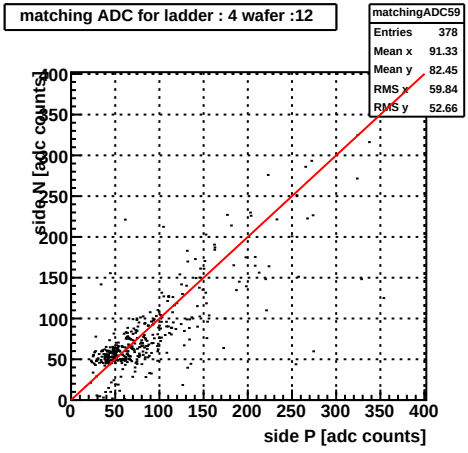

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 97
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

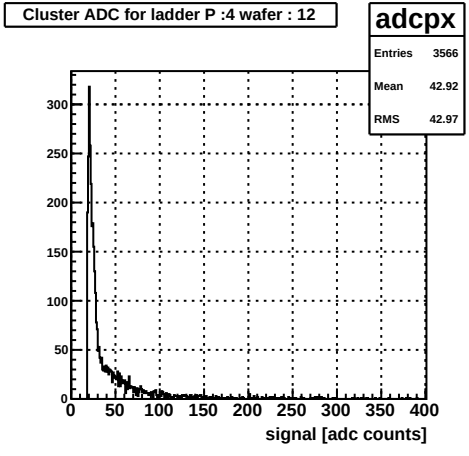

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 4
Mean 64.75
RMS 36.86
signal [adc counts]

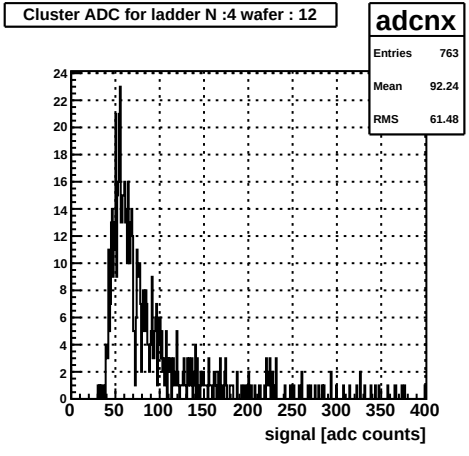

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 203
Mean 71.26
RMS 51.78
signal [adc counts]

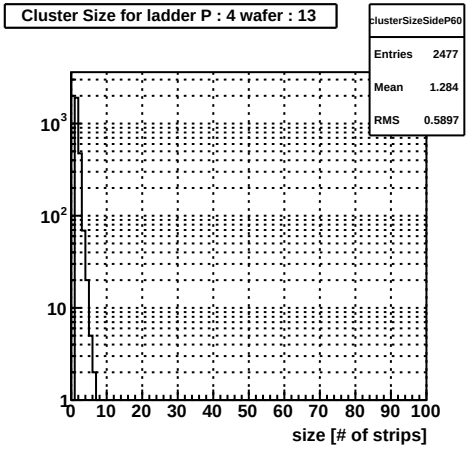

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 3566
Mean 1.144
RMS 0.4537
size [# of strips]

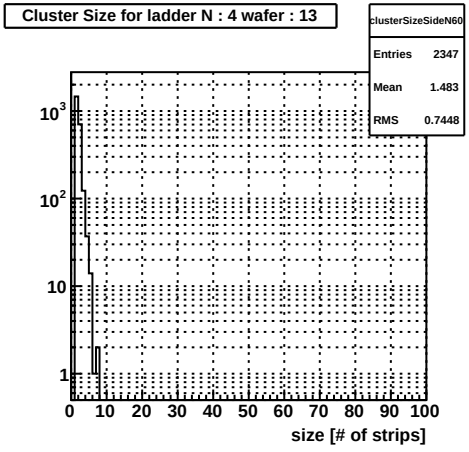

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 763
Mean 1.212
RMS 0.5389
size [# of strips]

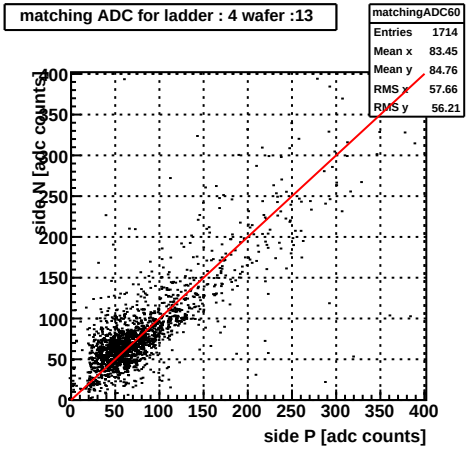

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 378
Mean x 91.33
Mean y 82.45
RMS x 59.84
RMS y 52.66
side N [adc counts]
side P [adc counts]

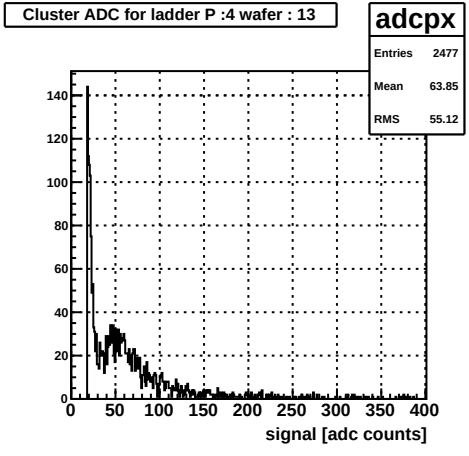

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 3566
Mean 42.92
RMS 42.97
signal [adc counts]

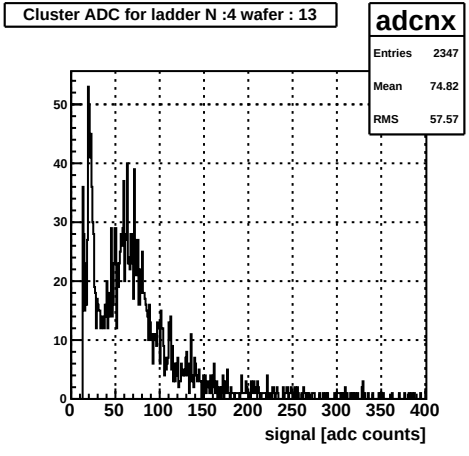

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 763
Mean 92.24
RMS 61.48
signal [adc counts]

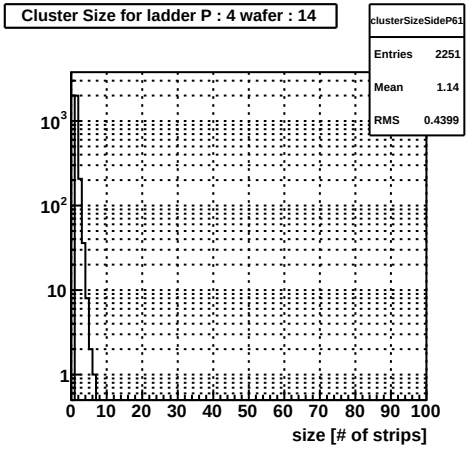

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2477
Mean 1.284
RMS 0.5897
size [# of strips]

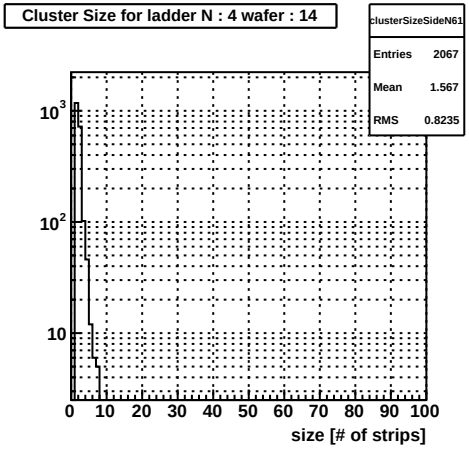

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2347
Mean 1.483
RMS 0.7448
size [# of strips]

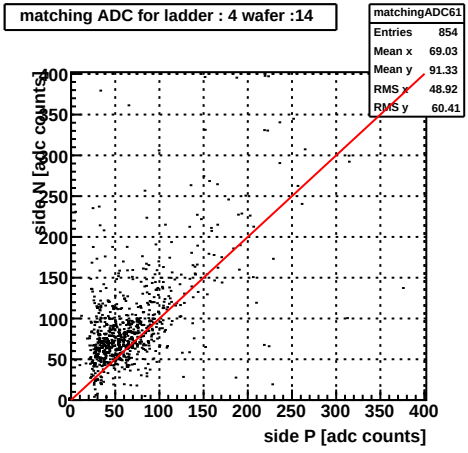

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1714
Mean x 83.45
Mean y 84.76
RMS x 57.66
RMS y 56.21
side N [adc counts]
side P [adc counts]

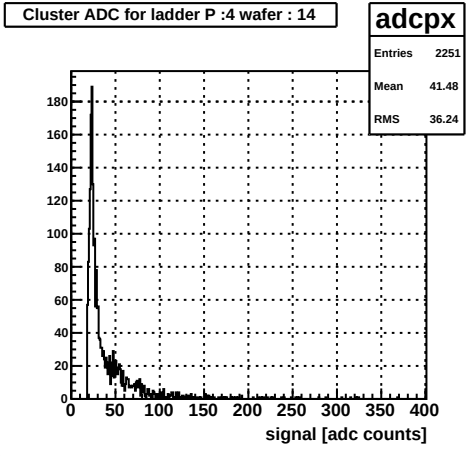

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2477
Mean 63.85
RMS 55.12
signal [adc counts]

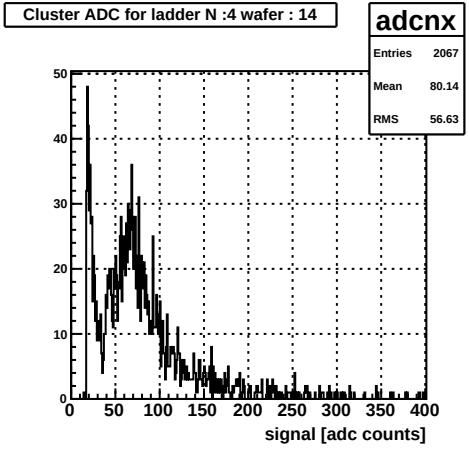

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2347
Mean 74.82
RMS 57.57
signal [adc counts]

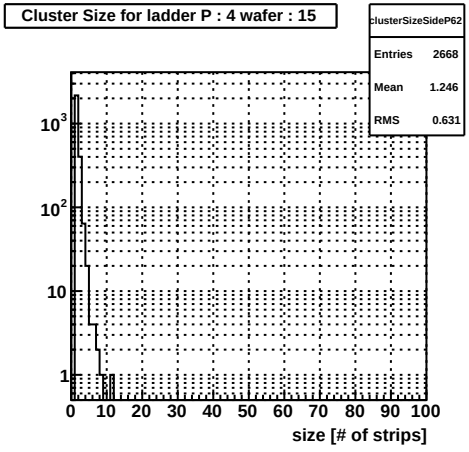

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2251
Mean 1.14
RMS 0.4399
size [# of strips]

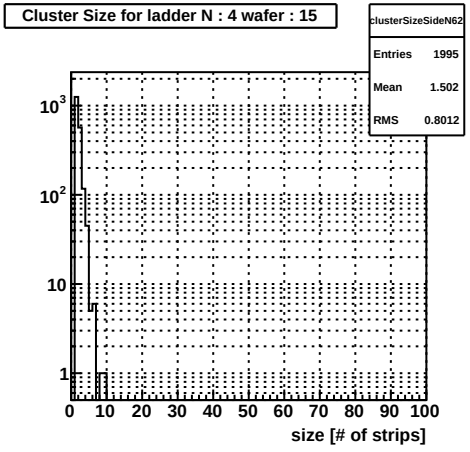

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2067
Mean 1.567
RMS 0.8235
size [# of strips]

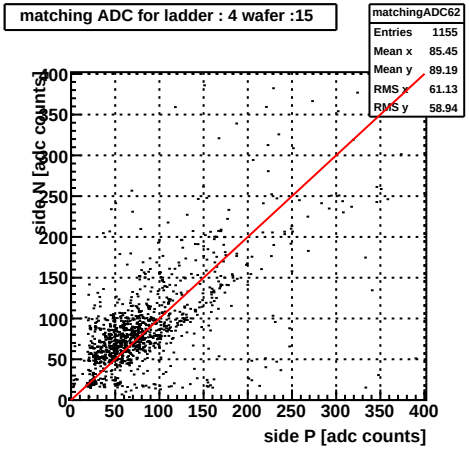

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 854
Mean x 69.03
Mean y 91.33
RMS x 48.92
RMS y 60.41
side N [adc counts]
side P [adc counts]

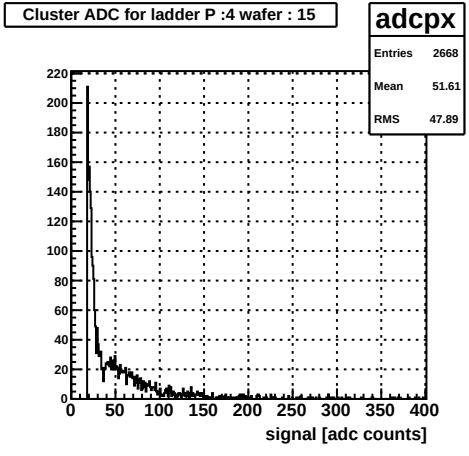

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2251
Mean 41.48
RMS 36.24
signal [adc counts]

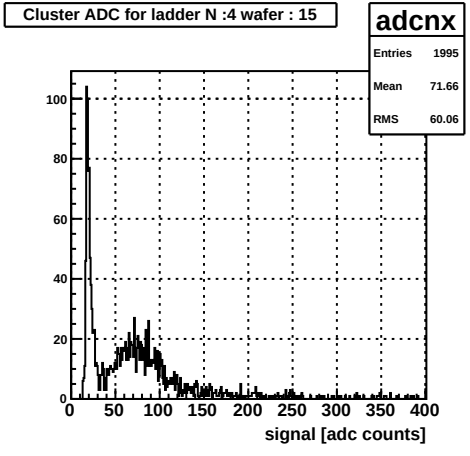

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2067
Mean 80.14
RMS 56.63
signal [adc counts]

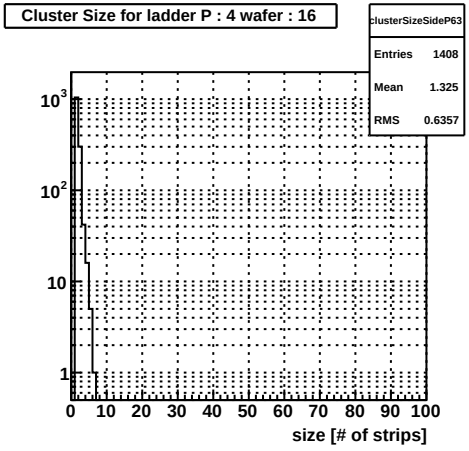

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2668
Mean 1.246
RMS 0.631
size [# of strips]

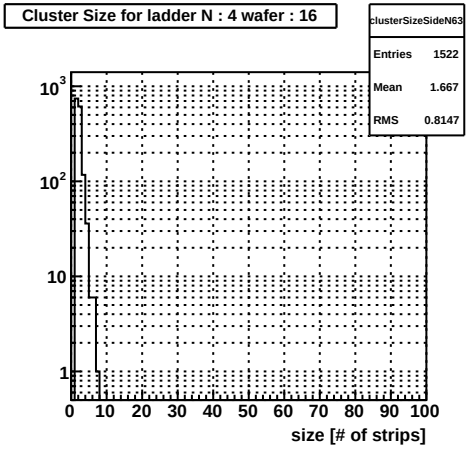

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1995
Mean 1.502
RMS 0.8012
size [# of strips]

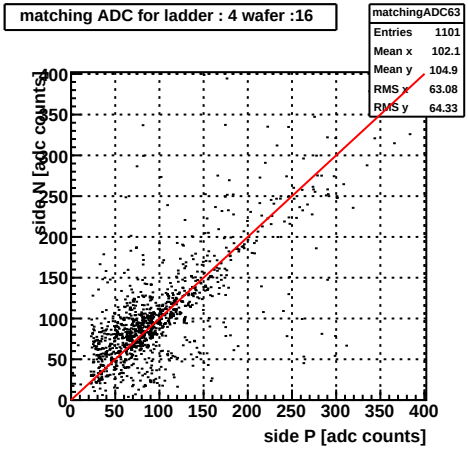

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1155
Mean x 85.45
Mean y 89.19
RMS x 61.13
RMS y 58.94
side N [adc counts]
side P [adc counts]

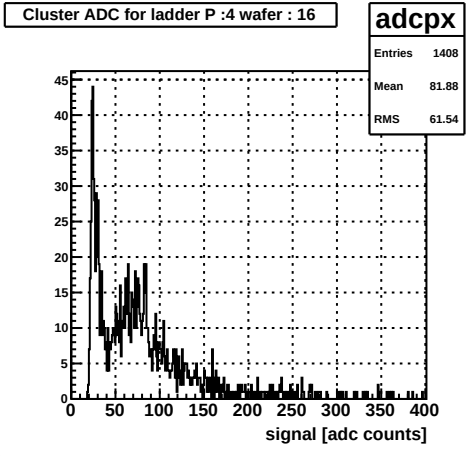

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2668
Mean 51.61
RMS 47.89
signal [adc counts]

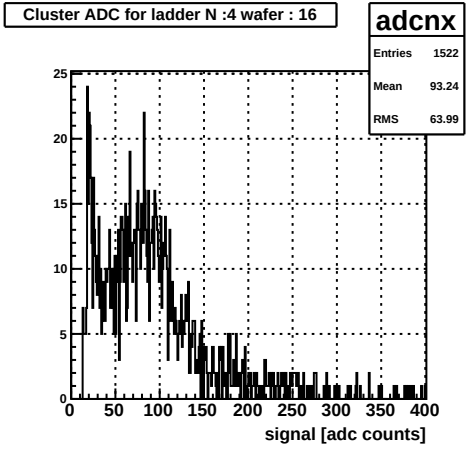

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1995
Mean 71.66
RMS 60.06
signal [adc counts]

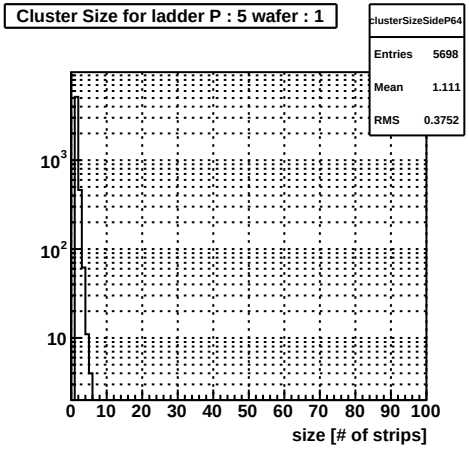

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1408
Mean 1.325
RMS 0.6357
size [# of strips]

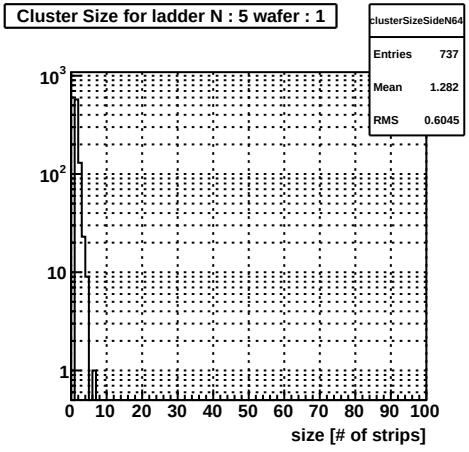

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1522
Mean 1.667
RMS 0.8147
size [# of strips]

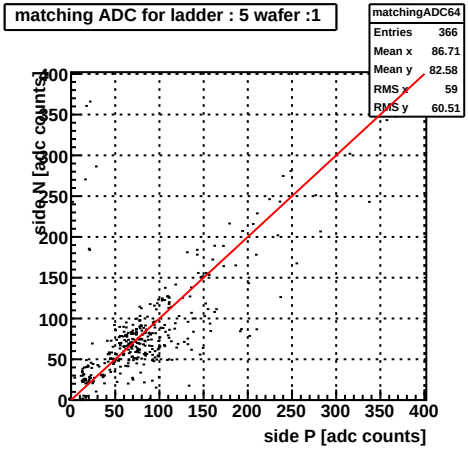

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1101
Mean x 102.1
Mean y 104.9
RMS x 63.08
RMS y 64.33
side N [adc counts]
side P [adc counts]

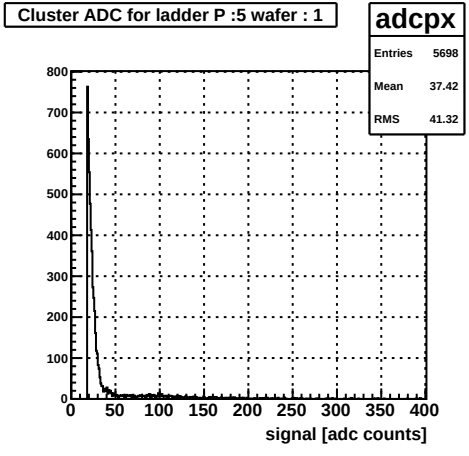

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1408
Mean 81.88
RMS 61.54
signal [adc counts]

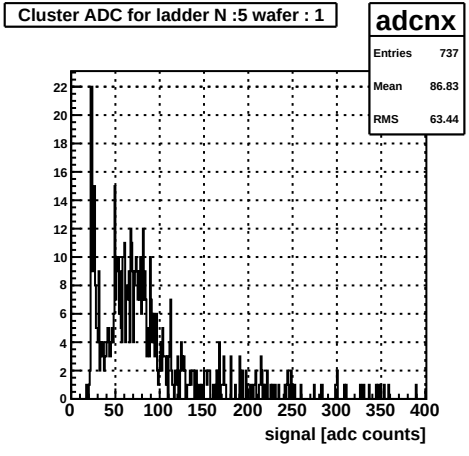

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1522
Mean 93.24
RMS 63.99
signal [adc counts]

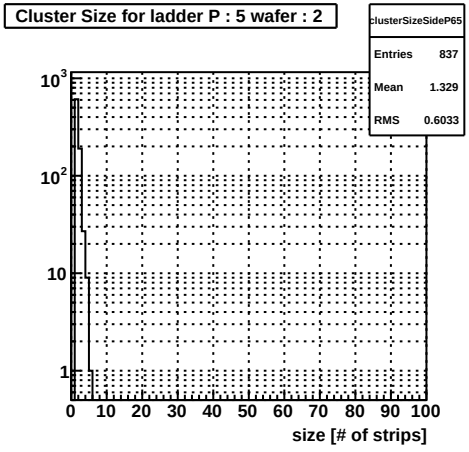

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 5698
Mean 1.111
RMS 0.3752
size [# of strips]

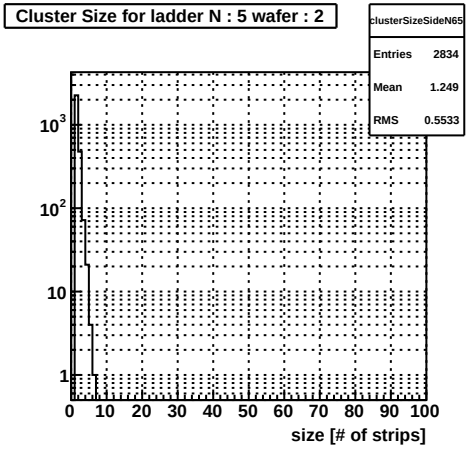

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 737
Mean 1.282
RMS 0.6045
size [# of strips]

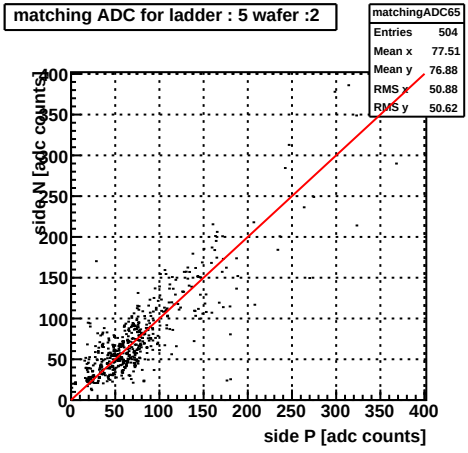

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 366
Mean x 86.71
Mean y 82.58
RMS x 59
RMS y 60.51
side N [adc counts]
side P [adc counts]

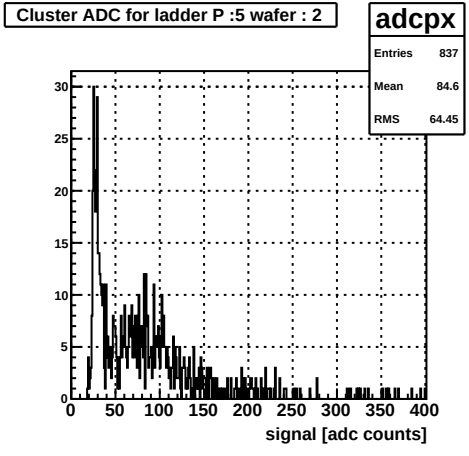

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 5698
Mean 37.42
RMS 41.32
signal [adc counts]

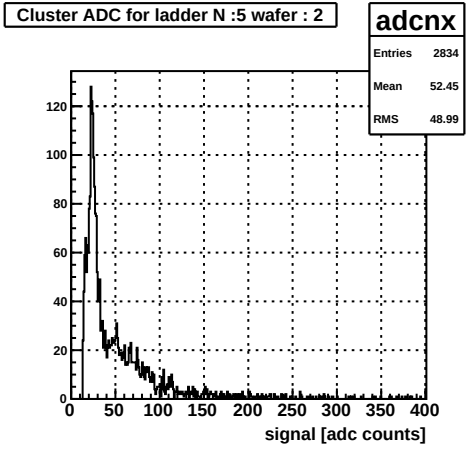

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 737
Mean 86.83
RMS 63.44
signal [adc counts]

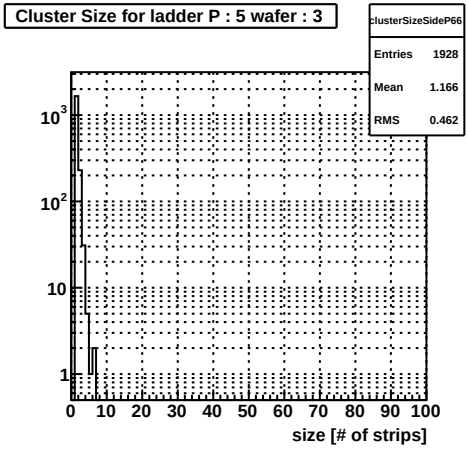

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 837
Mean 1.329
RMS 0.6033
size [# of strips]

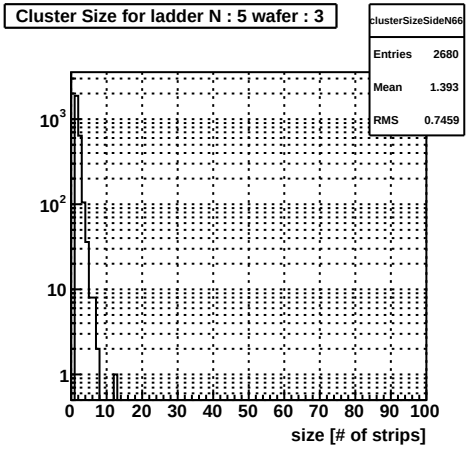

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2834
Mean 1.249
RMS 0.5533
size [# of strips]

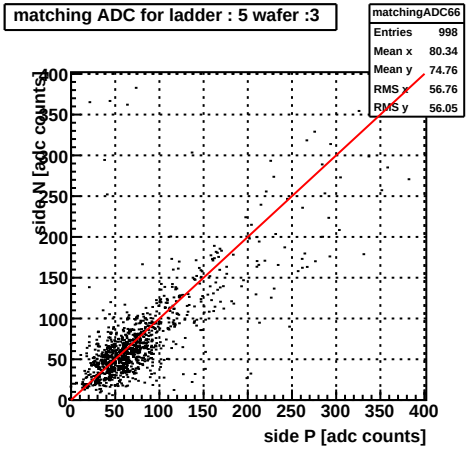

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 504
Mean x 77.51
Mean y 76.88
RMS x 50.88
RMS y 50.62
side N [adc counts]
side P [adc counts]

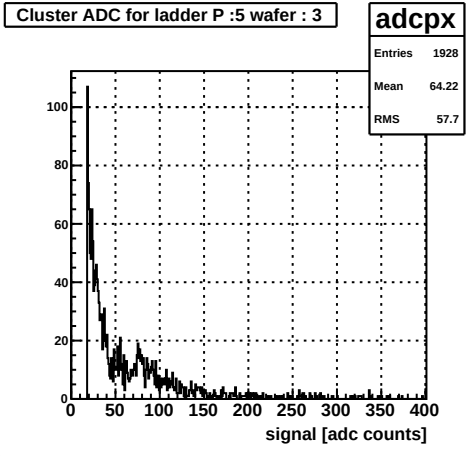

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 837
Mean 84.6
RMS 64.45
signal [adc counts]

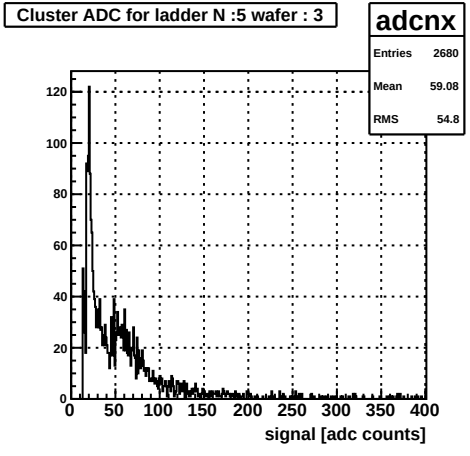

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2834
Mean 52.45
RMS 48.99
signal [adc counts]

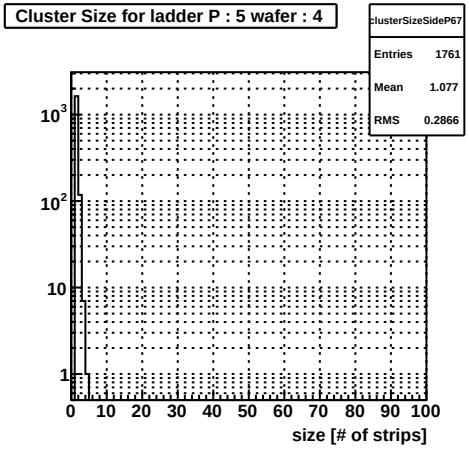

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 1928
Mean 1.166
RMS 0.462
size [# of strips]

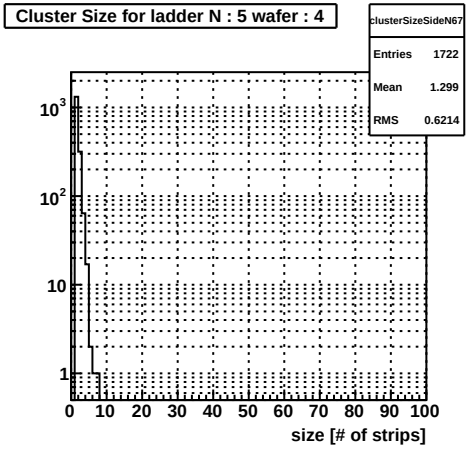

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 2680
Mean 1.393
RMS 0.7459
size [# of strips]

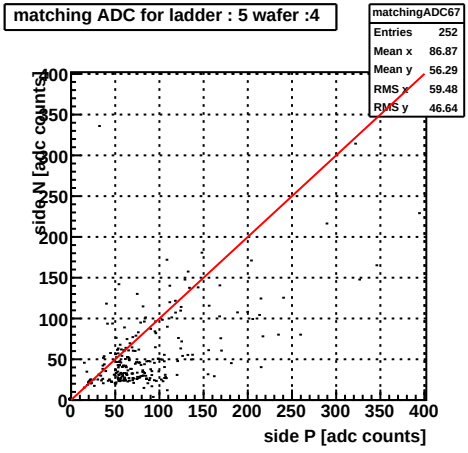

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 998
Mean x 80.34
Mean y 74.76
RMS x 56.76
RMS y 56.05
side N [adc counts]
side P [adc counts]

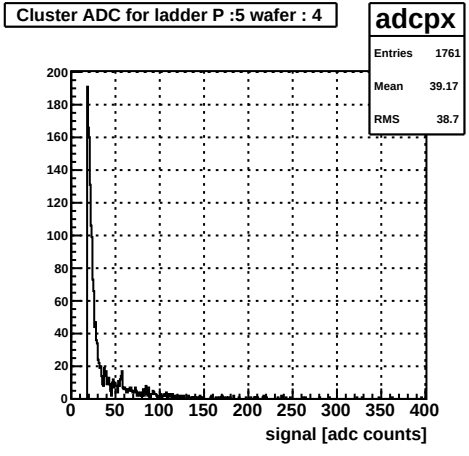

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 1928
Mean 64.22
RMS 57.7
signal [adc counts]

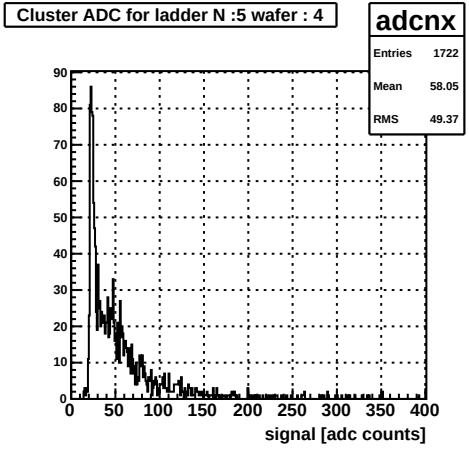

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 2680
Mean 59.08
RMS 54.8
signal [adc counts]

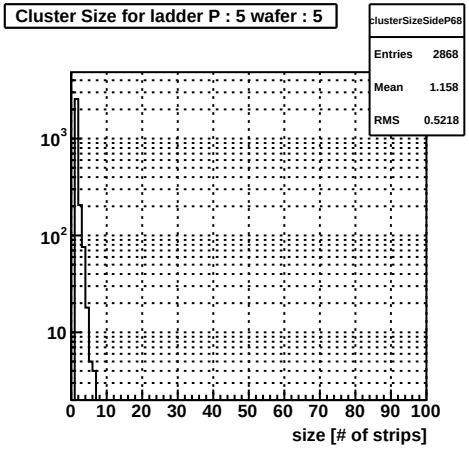

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 1761
Mean 1.077
RMS 0.2866
size [# of strips]

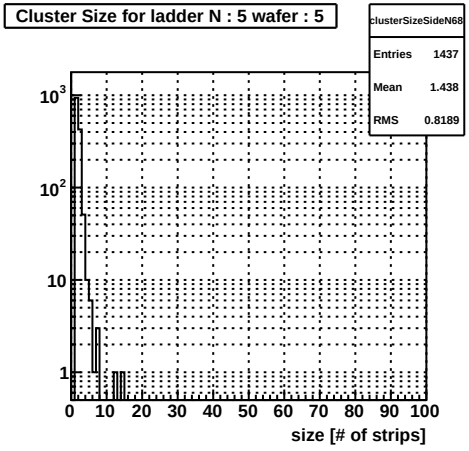

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1722
Mean 1.299
RMS 0.6214
size [# of strips]

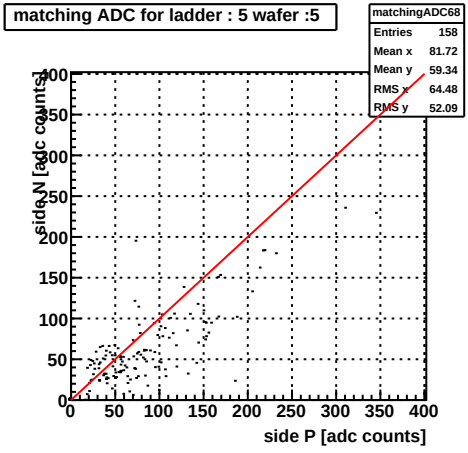

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 252
Mean x 86.87
Mean y 56.29
RMS x 59.48
RMS y 46.64
side N [adc counts]
side P [adc counts]

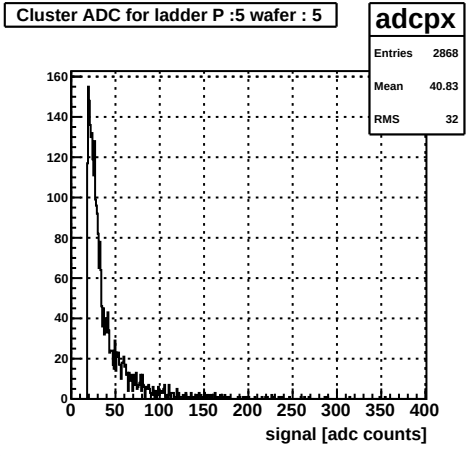

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 1761
Mean 39.17
RMS 38.7
signal [adc counts]

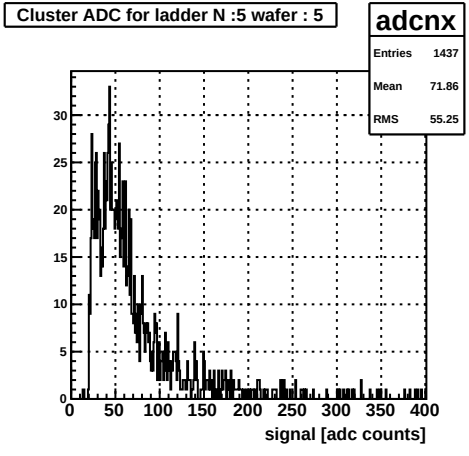

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1722
Mean 58.05
RMS 49.37
signal [adc counts]

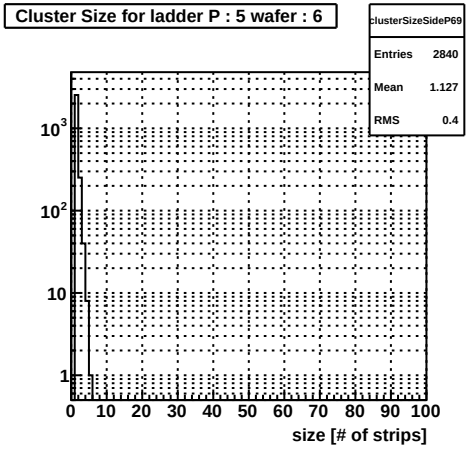

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2868
Mean 1.158
RMS 0.5218
size [# of strips]

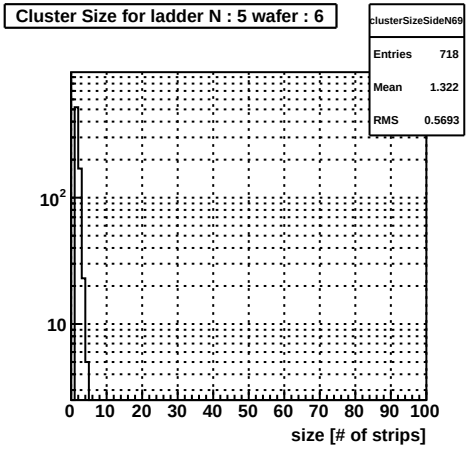

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1437
Mean 1.438
RMS 0.8189
size [# of strips]

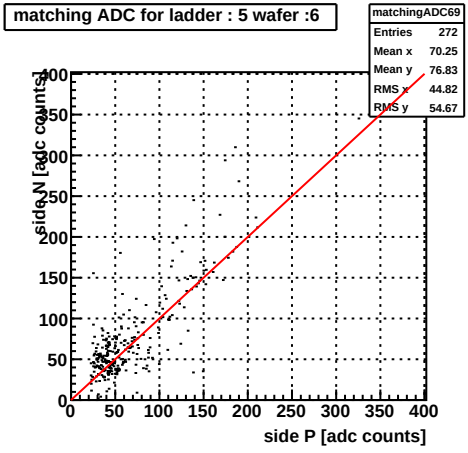

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 158
Mean x 81.72
Mean y 59.34
RMS x 64.48
RMS y 52.09
side N [adc counts]
side P [adc counts]

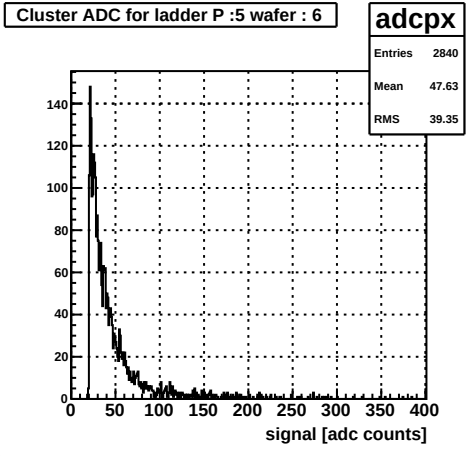

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2868
Mean 40.83
RMS 32
signal [adc counts]

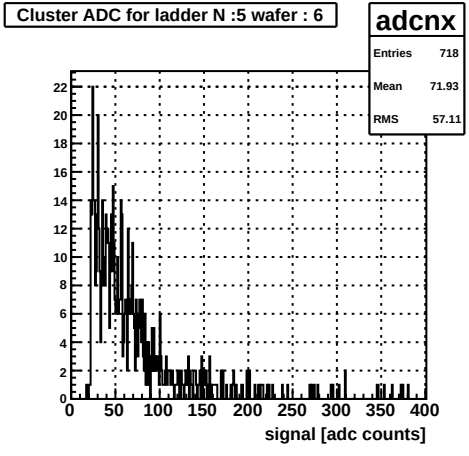

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1437
Mean 71.86
RMS 55.25
signal [adc counts]

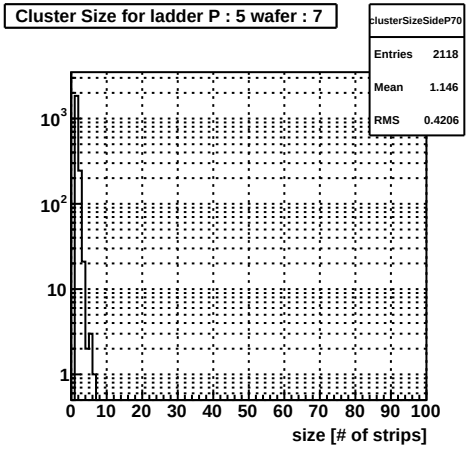

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 2840
Mean 1.127
RMS 0.4
size [# of strips]

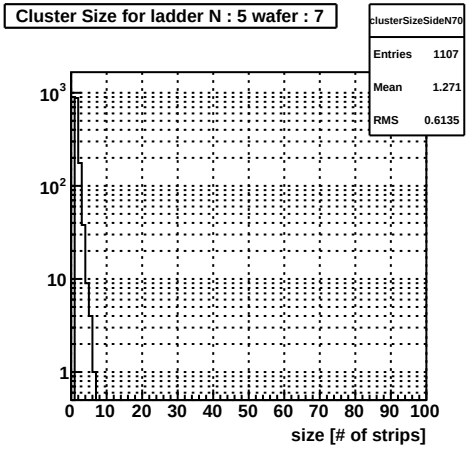

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 718
Mean 1.322
RMS 0.5693
size [# of strips]

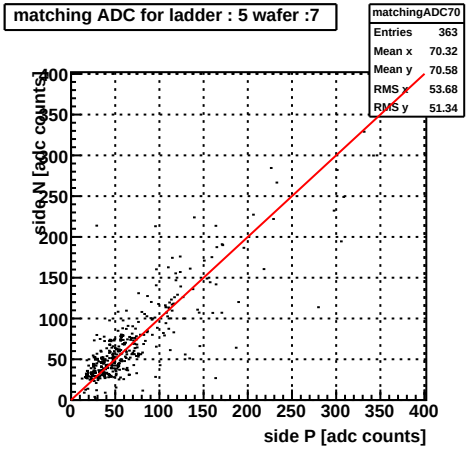

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 272
Mean x 70.25
Mean y 76.83
RMS x 44.82
RMS y 54.67
side N [adc counts]
side P [adc counts]

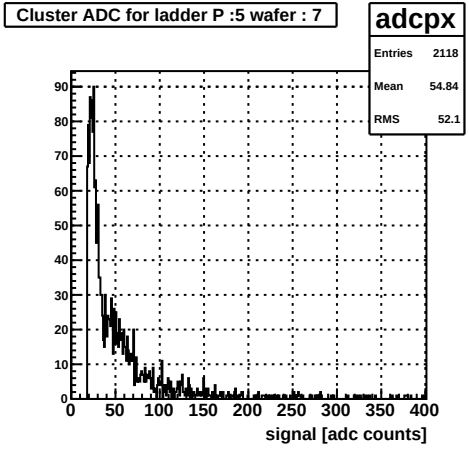

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 2840
Mean 47.63
RMS 39.35
signal [adc counts]

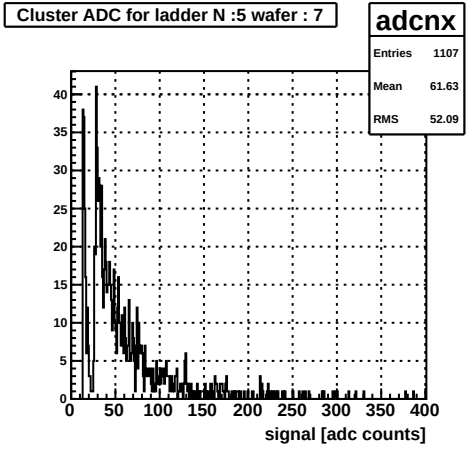

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 718
Mean 71.93
RMS 57.11
signal [adc counts]

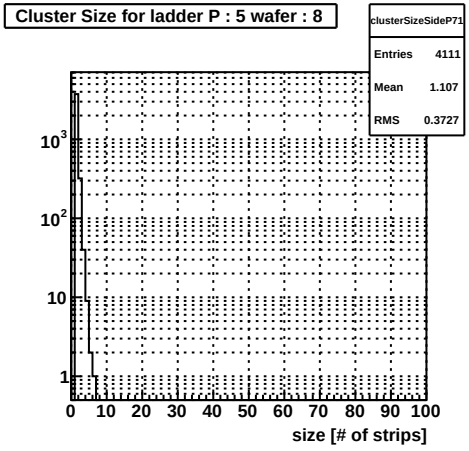

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 2118
Mean 1.146
RMS 0.4206
size [# of strips]

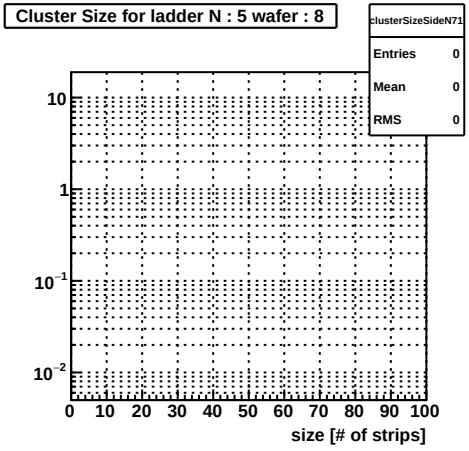

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1107
Mean 1.271
RMS 0.6135
size [# of strips]

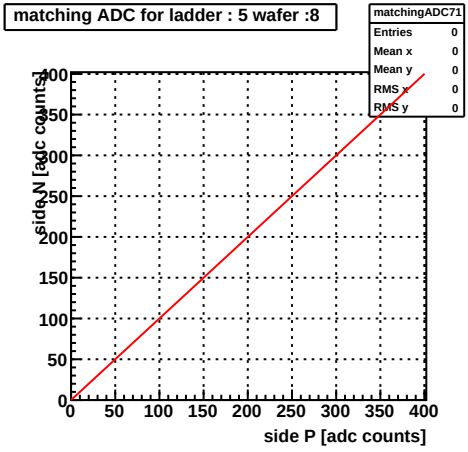

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 363
Mean x 70.32
Mean y 70.58
RMS x 53.68
RMS y 51.34
side N [adc counts]
side P [adc counts]

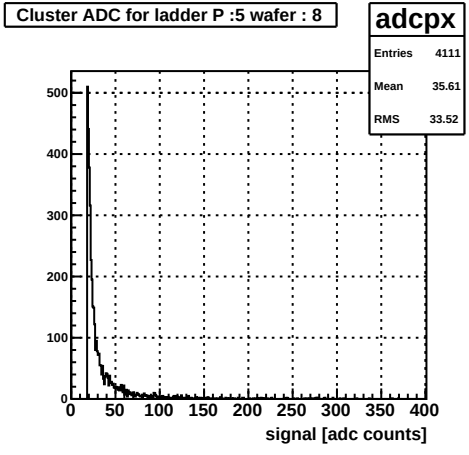

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 2118
Mean 54.84
RMS 52.1
signal [adc counts]

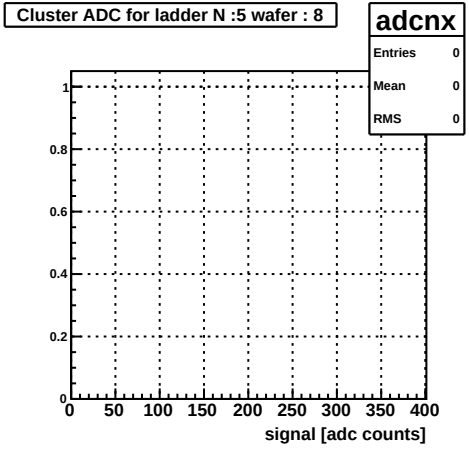

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1107
Mean 61.63
RMS 52.09
signal [adc counts]

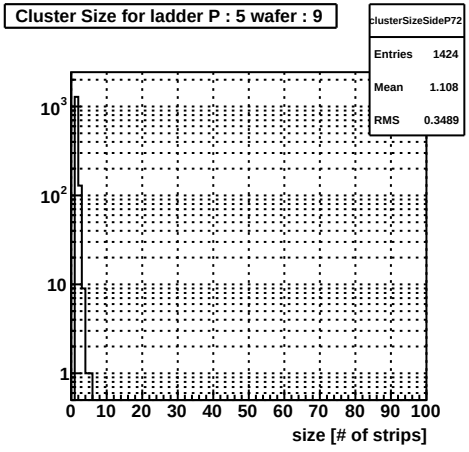

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 4111
Mean 1.107
RMS 0.3727
size [# of strips]

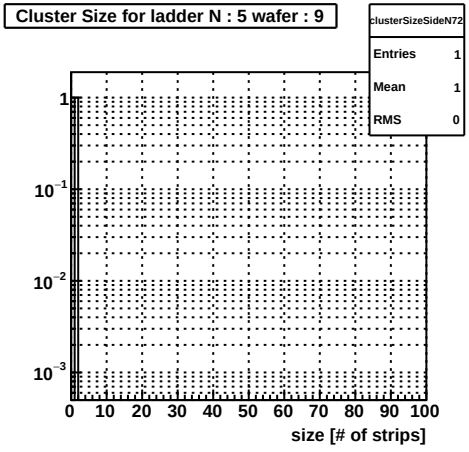

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

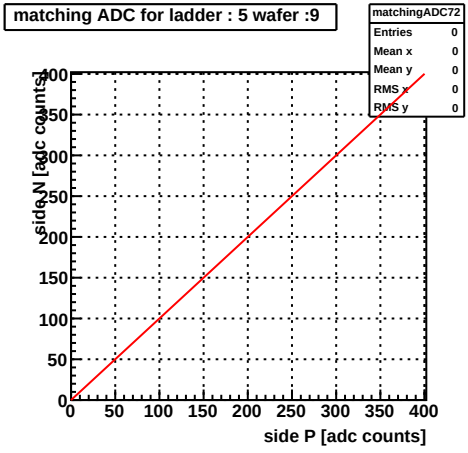

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

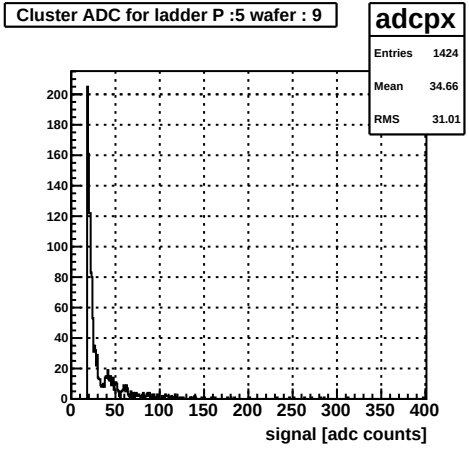

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 4111
Mean 35.61
RMS 33.52
signal [adc counts]

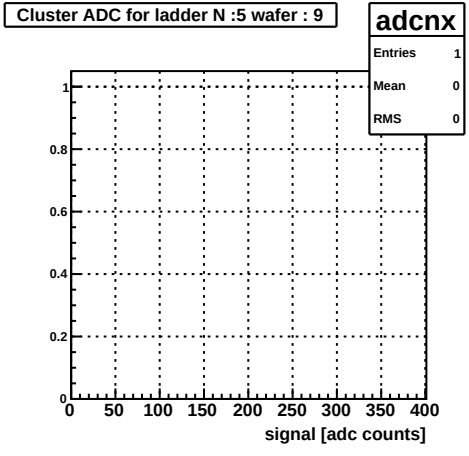

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

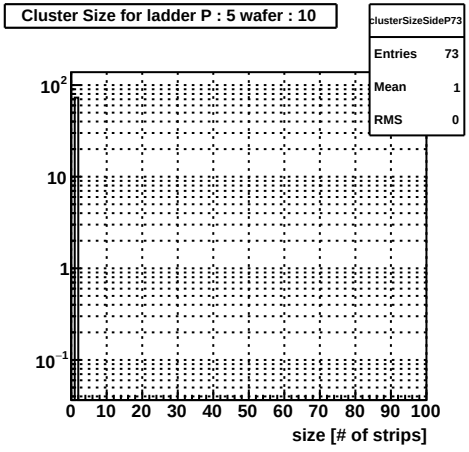

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1424
Mean 1.108
RMS 0.3489
size [# of strips]

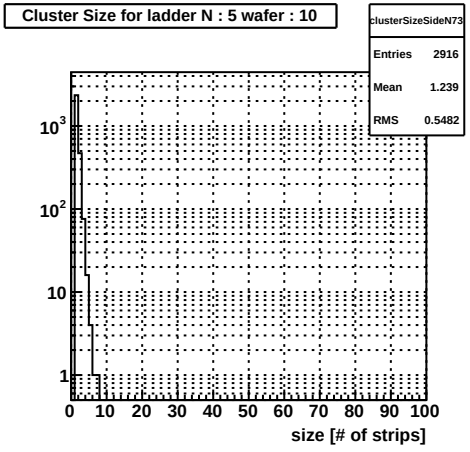

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

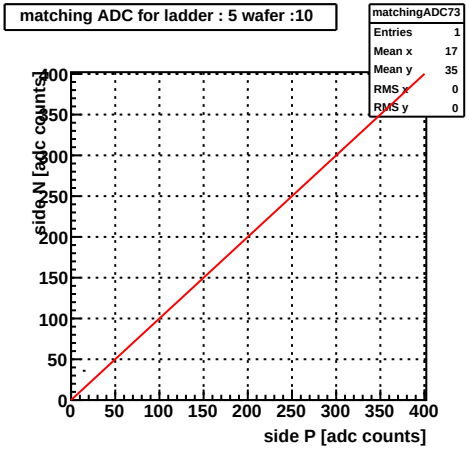

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

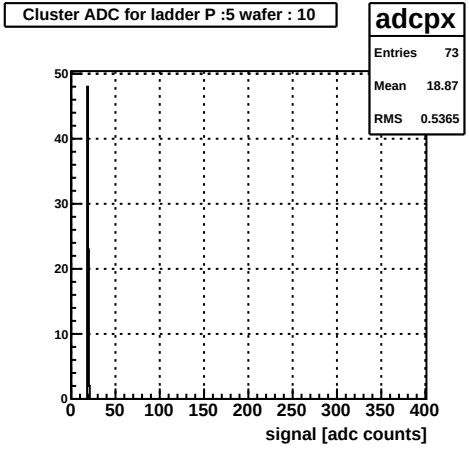

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1424
Mean 34.66
RMS 31.01
signal [adc counts]

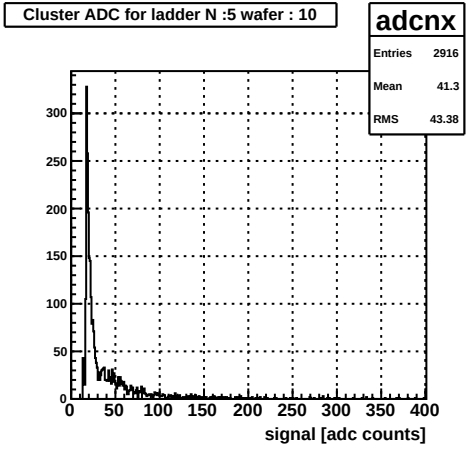

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

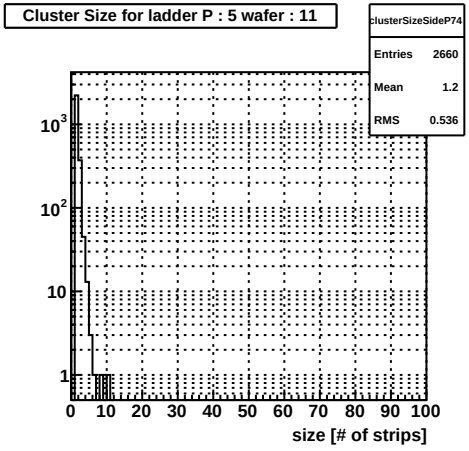

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 73
Mean 1
RMS 0
size [# of strips]

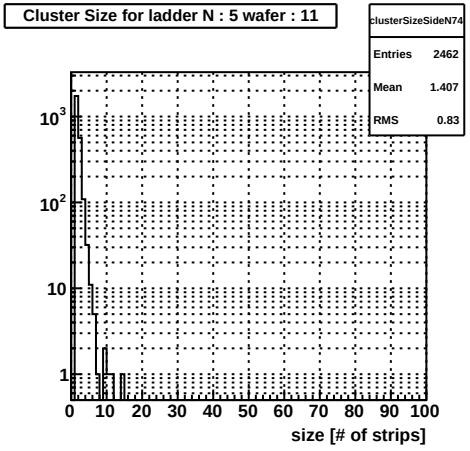

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 2916
Mean 1.239
RMS 0.5482
size [# of strips]

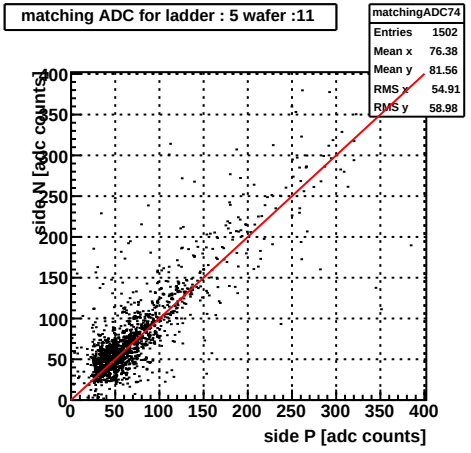

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1
Mean x 17
Mean y 35
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

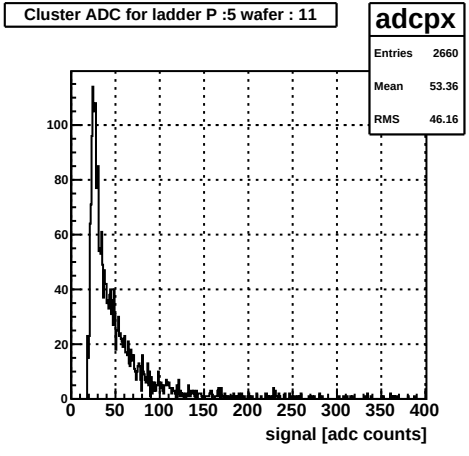

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 73
Mean 18.87
RMS 0.5365
signal [adc counts]

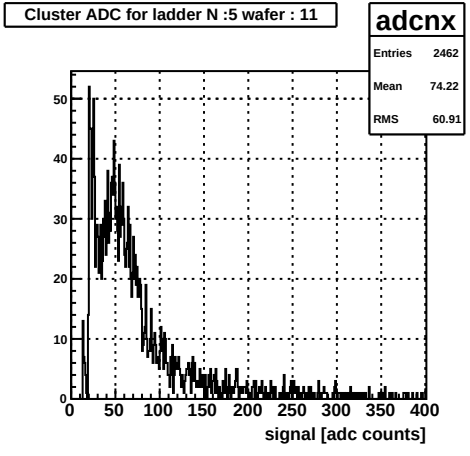

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 2916
Mean 41.3
RMS 43.38
signal [adc counts]

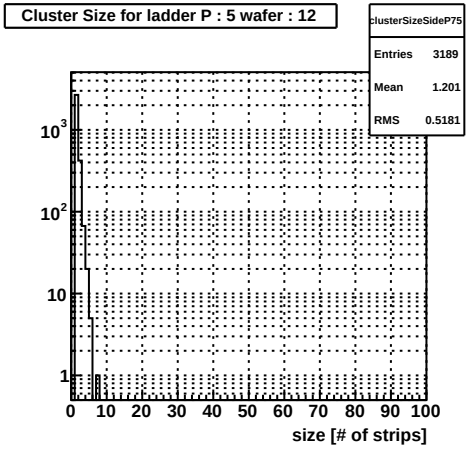

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 2660
Mean 1.2
RMS 0.536
size [# of strips]

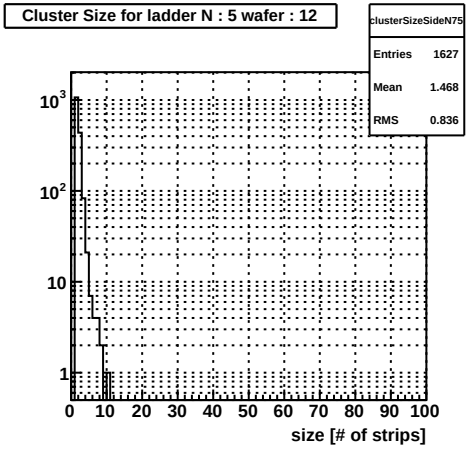

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2462
Mean 1.407
RMS 0.83
size [# of strips]

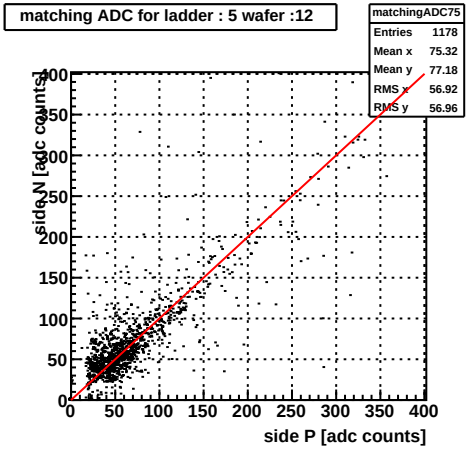

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1502
Mean x 76.38
Mean y 81.56
RMS x 54.91
RMS y 58.98
side N [adc counts]
side P [adc counts]

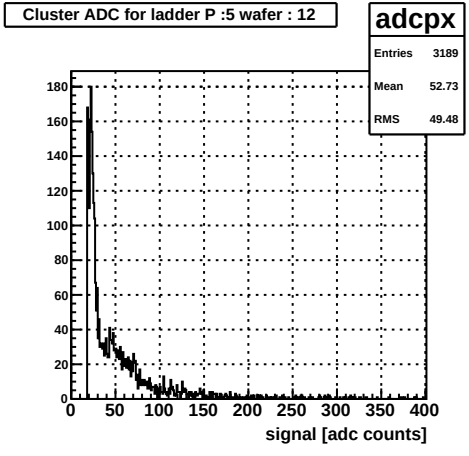

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 2660
Mean 53.36
RMS 46.16
signal [adc counts]

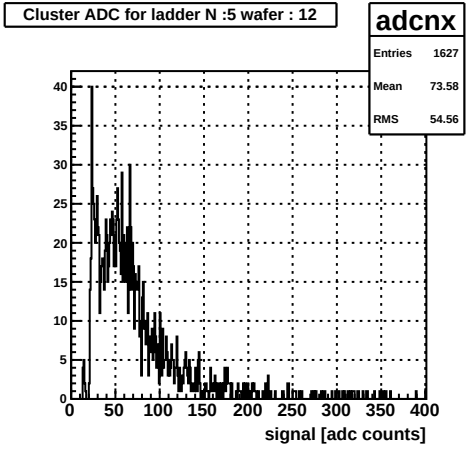

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2462
Mean 74.22
RMS 60.91
signal [adc counts]

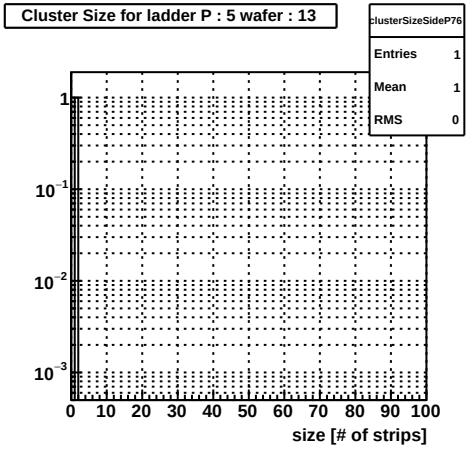

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3189
Mean 1.201
RMS 0.5181
size [# of strips]

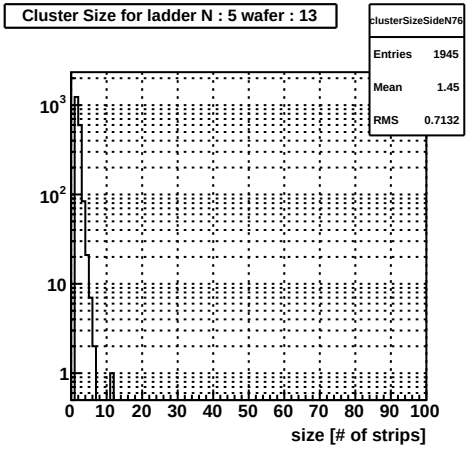

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1627
Mean 1.468
RMS 0.836
size [# of strips]

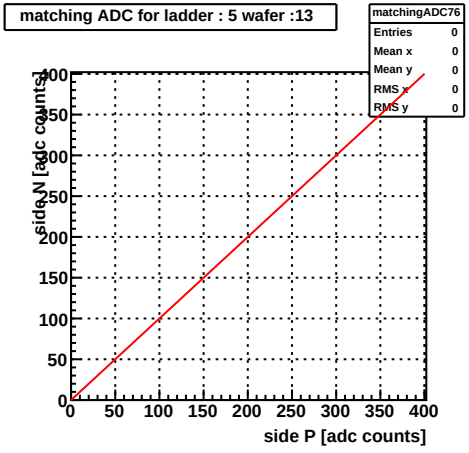

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1178
Mean x 75.32
Mean y 77.18
RMS x 56.92
RMS y 56.96
side N [adc counts]
side P [adc counts]

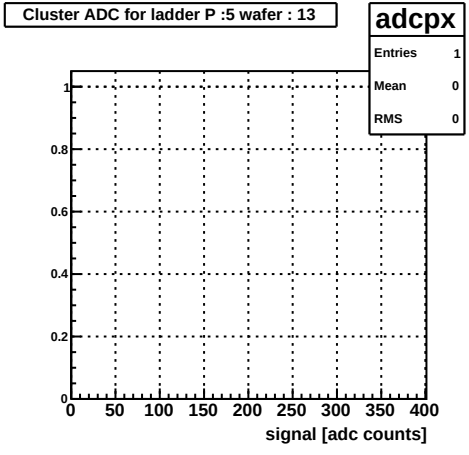

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3189
Mean 52.73
RMS 49.48
signal [adc counts]

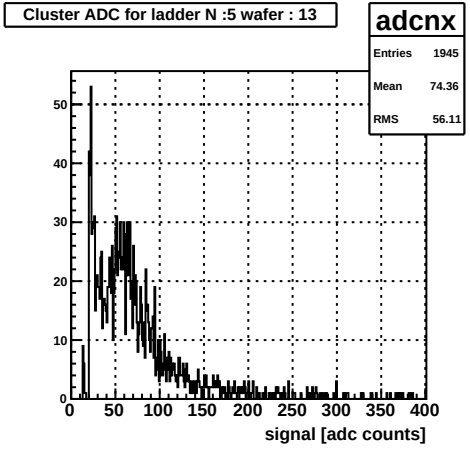

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1627
Mean 73.58
RMS 54.56
signal [adc counts]

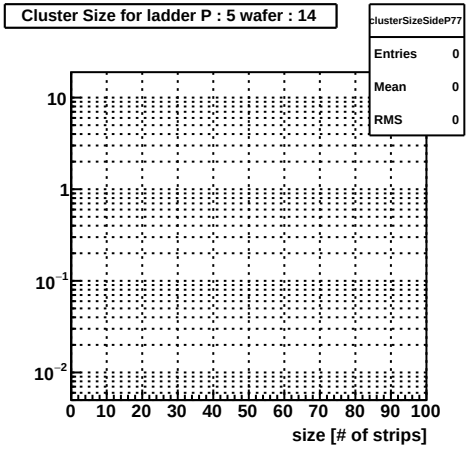

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

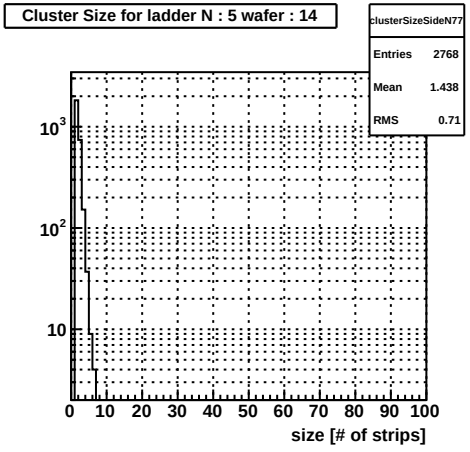

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1945
Mean 1.45
RMS 0.7132
size [# of strips]

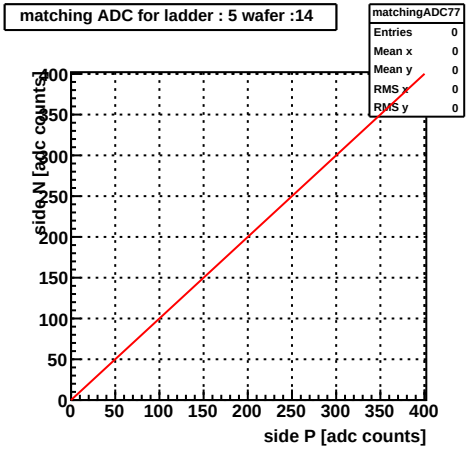

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

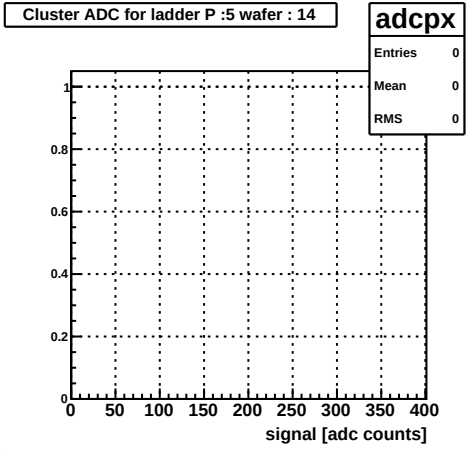

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

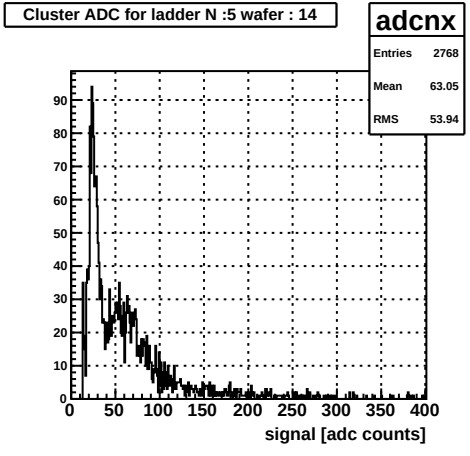

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1945
Mean 74.36
RMS 56.11
signal [adc counts]

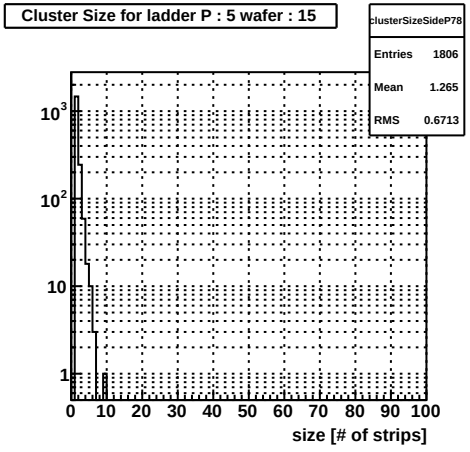

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

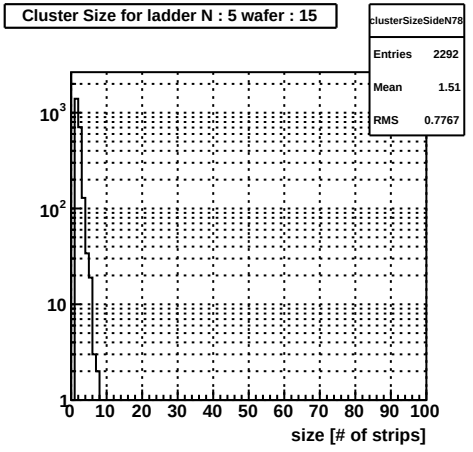

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2768
Mean 1.438
RMS 0.71
size [# of strips]

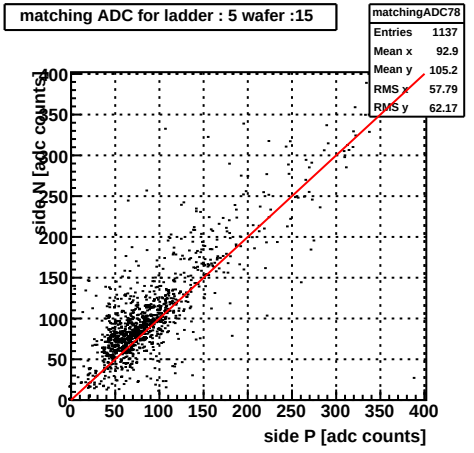

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

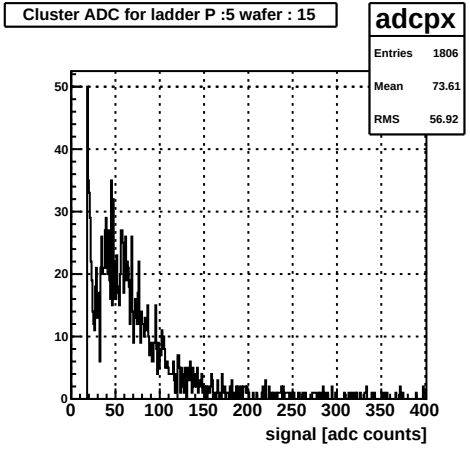

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

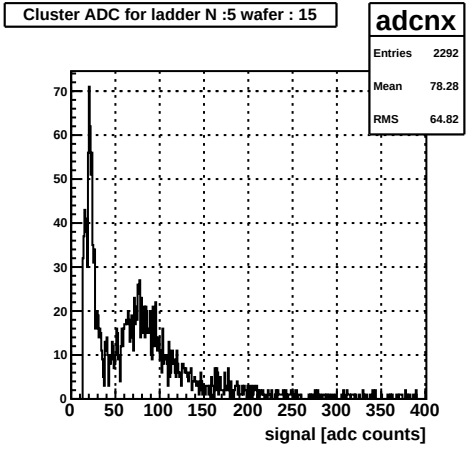

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2768
Mean 63.05
RMS 53.94
signal [adc counts]

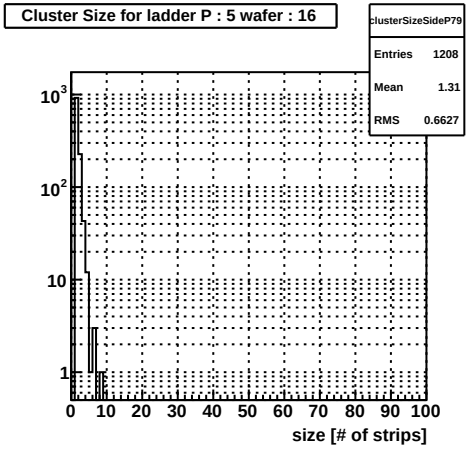

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 1806
Mean 1.265
RMS 0.6713
size [# of strips]

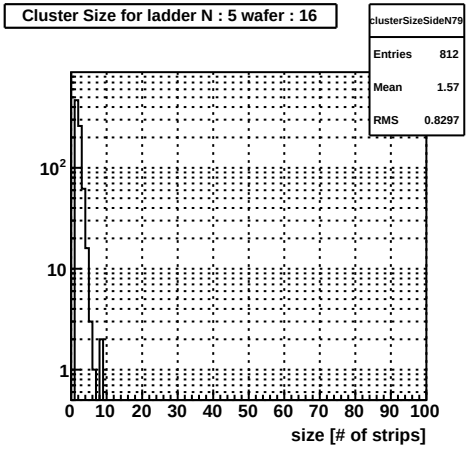

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2292
Mean 1.51
RMS 0.7767
size [# of strips]

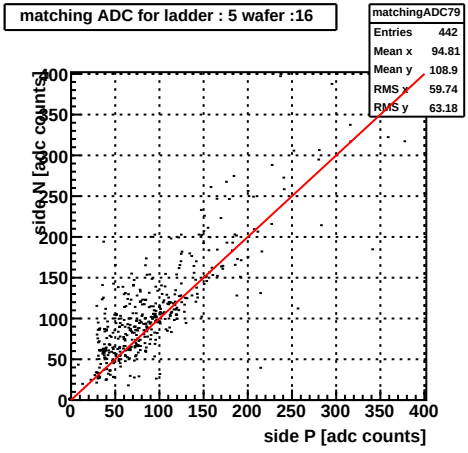

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1137
Mean x 92.9
Mean y 105.2
RMS x 57.79
RMS y 62.17
side N [adc counts]
side P [adc counts]

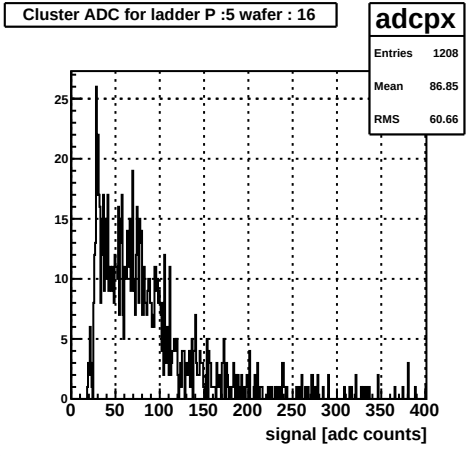

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 1806
Mean 73.61
RMS 56.92
signal [adc counts]

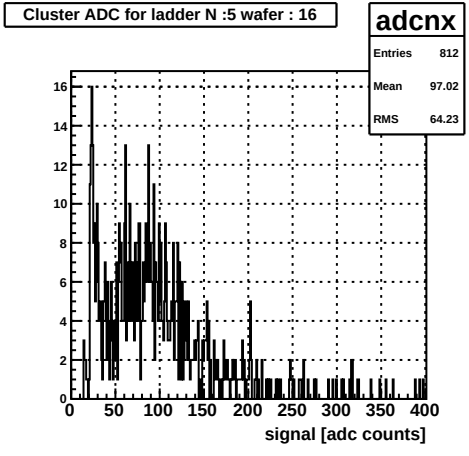

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2292
Mean 78.28
RMS 64.82
signal [adc counts]

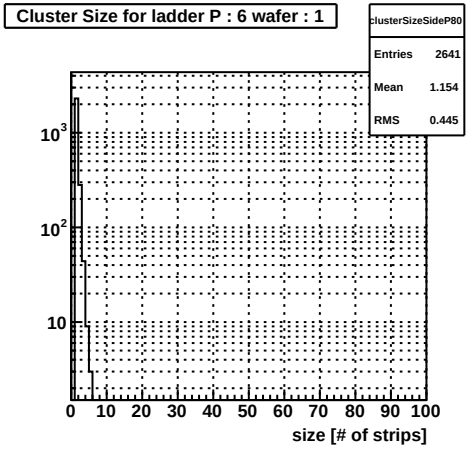

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1208
Mean 1.31
RMS 0.6627
size [# of strips]

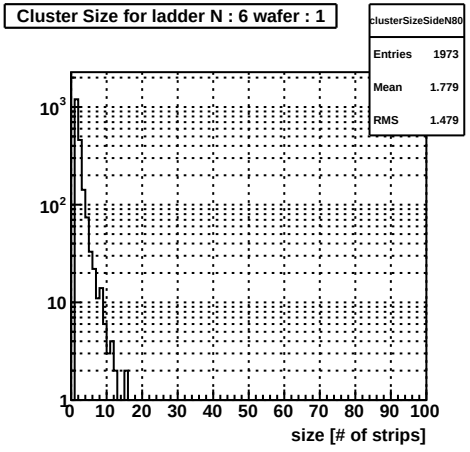

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 812
Mean 1.57
RMS 0.8297
size [# of strips]

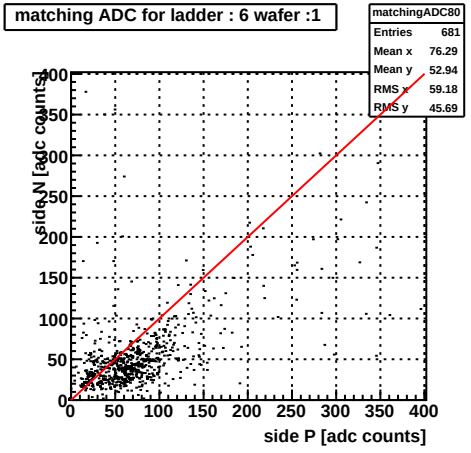

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 442
Mean x 94.81
Mean y 108.9
RMS x 59.74
RMS y 63.18
side N [adc counts]
side P [adc counts]

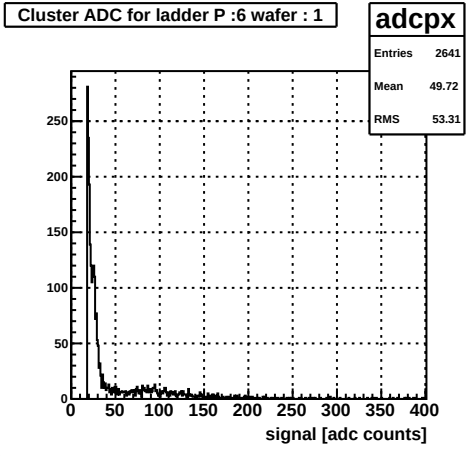

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1208
Mean 86.85
RMS 60.66
signal [adc counts]

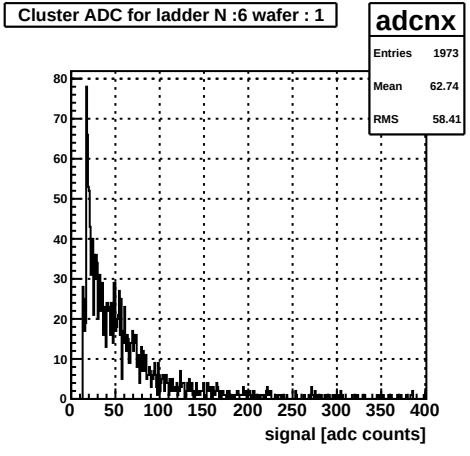

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 812
Mean 97.02
RMS 64.23
signal [adc counts]

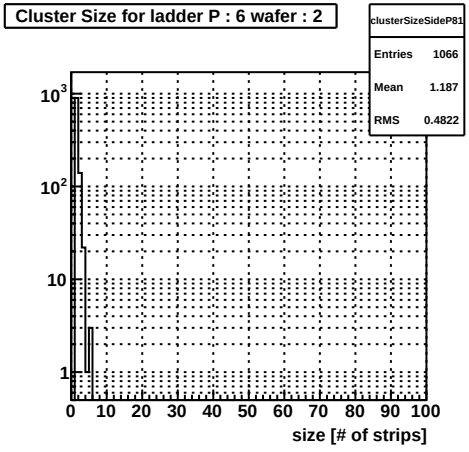

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 2641
Mean 1.154
RMS 0.445
size [# of strips]

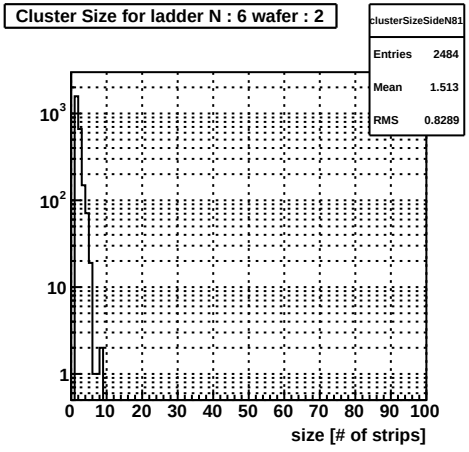

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1973
Mean 1.779
RMS 1.479
size [# of strips]

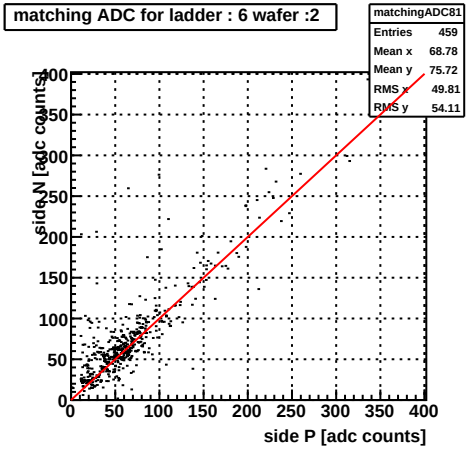

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 681
Mean x 76.29
Mean y 52.94
RMS x 59.18
RMS y 45.69
side N [adc counts]
side P [adc counts]

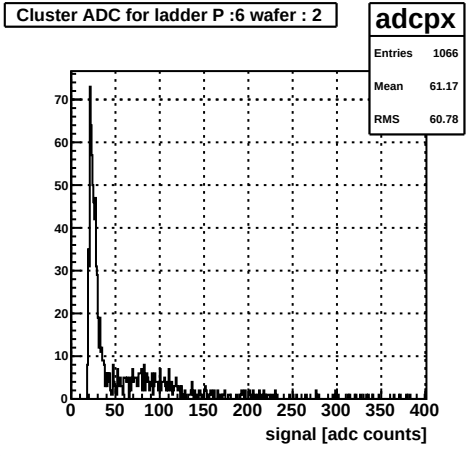

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 2641
Mean 49.72
RMS 53.31
signal [adc counts]

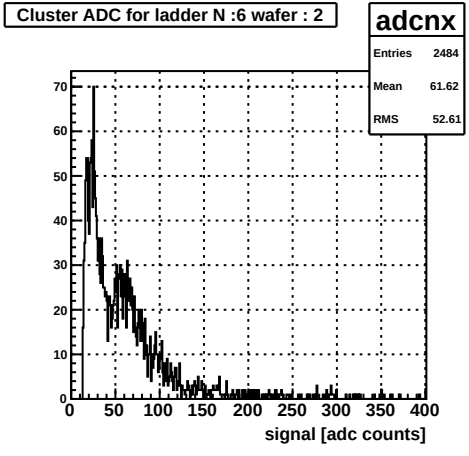

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1973
Mean 62.74
RMS 58.41
signal [adc counts]

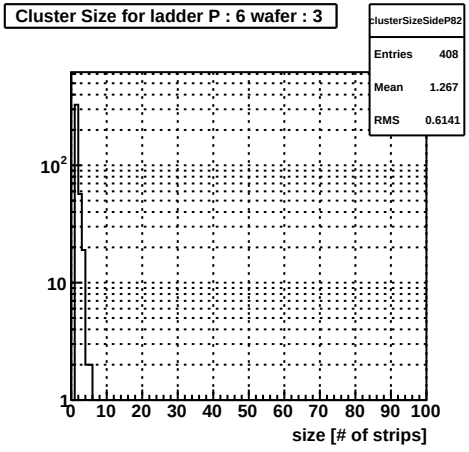

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1066
Mean 1.187
RMS 0.4822
size [# of strips]

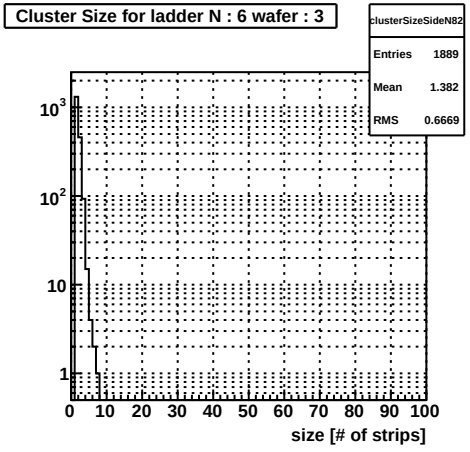

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2484
Mean 1.513
RMS 0.8289
size [# of strips]

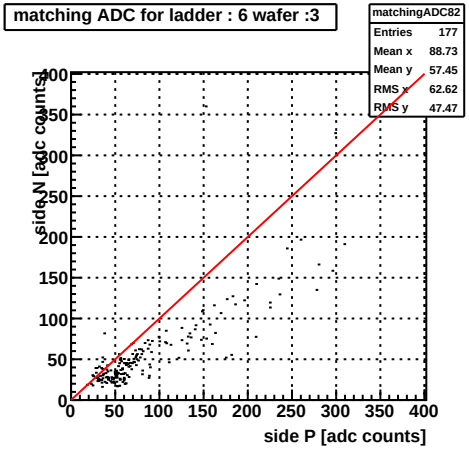

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 459
Mean x 68.78
Mean y 75.72
RMS x 49.81
RMS y 54.11
side N [adc counts]
side P [adc counts]

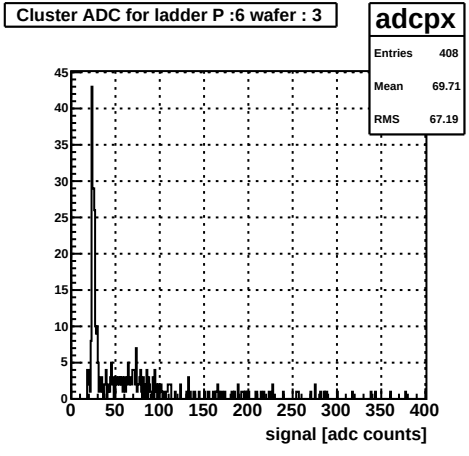

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1066
Mean 61.17
RMS 60.78
signal [adc counts]

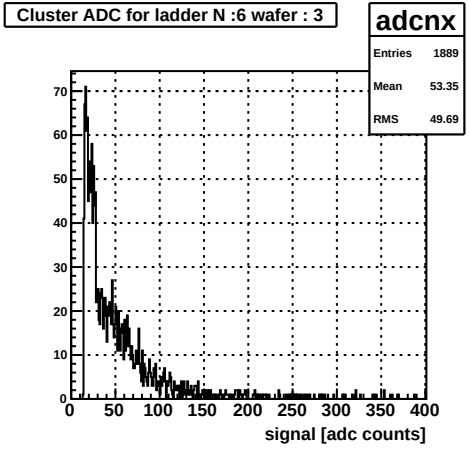

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2484
Mean 61.62
RMS 52.61
signal [adc counts]

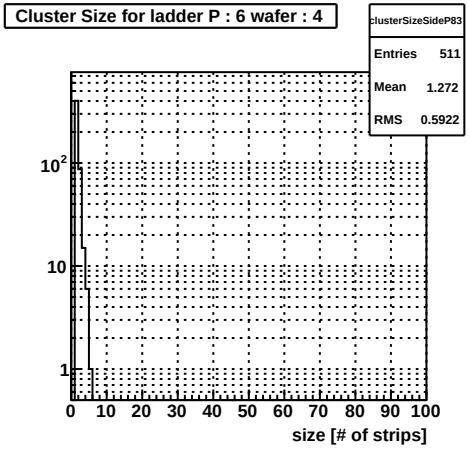

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 408
Mean 1.267
RMS 0.6141
size [# of strips]

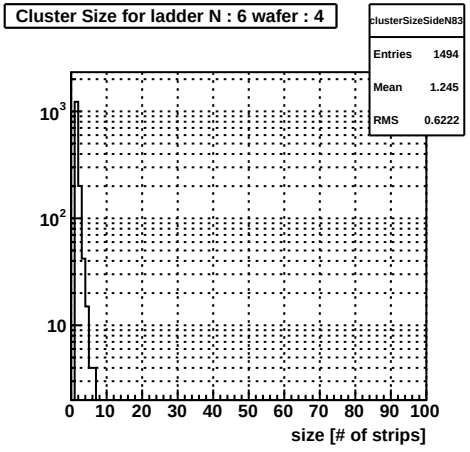

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1889
Mean 1.382
RMS 0.6669
size [# of strips]

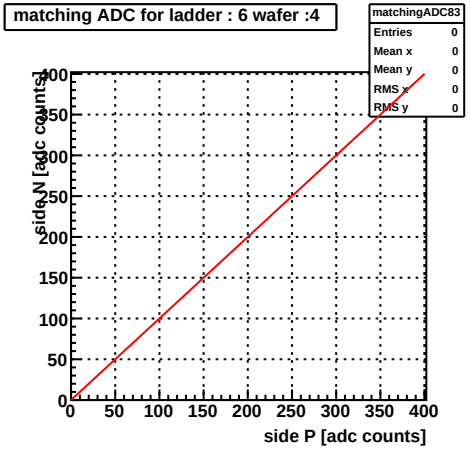

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 177
Mean x 88.73
Mean y 57.45
RMS x 62.62
RMS y 47.47
side N [adc counts]
side P [adc counts]

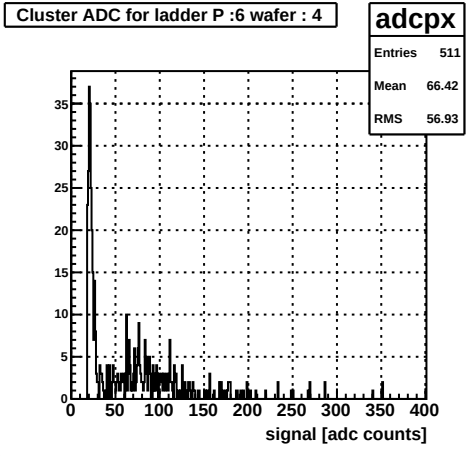

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 408
Mean 69.71
RMS 67.19
signal [adc counts]

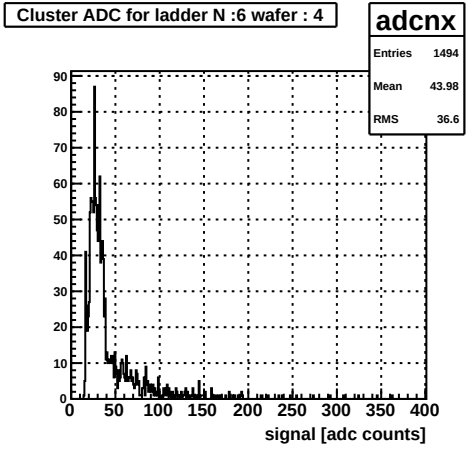

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1889
Mean 53.35
RMS 49.69
signal [adc counts]

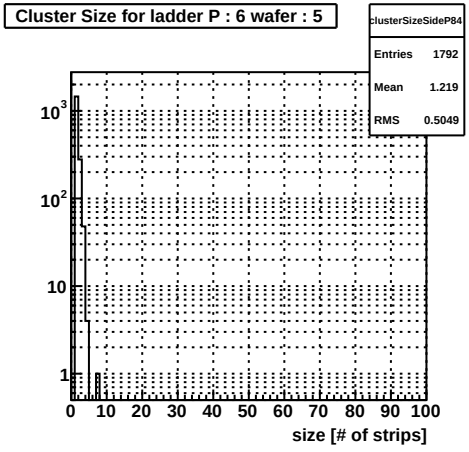

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 511
Mean 1.272
RMS 0.5922
size [# of strips]

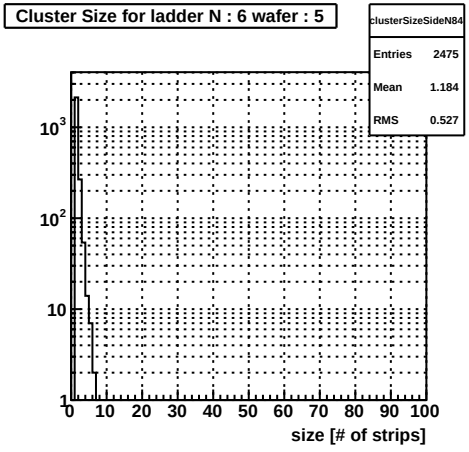

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1494
Mean 1.245
RMS 0.6222
size [# of strips]

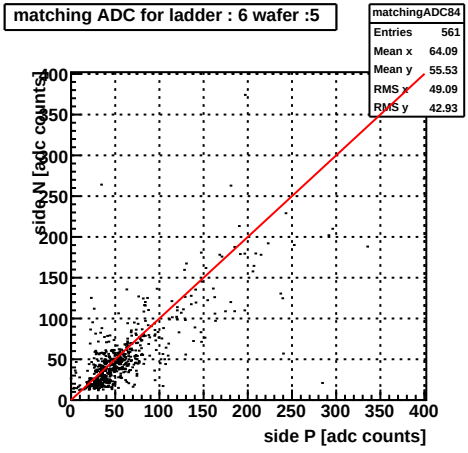

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

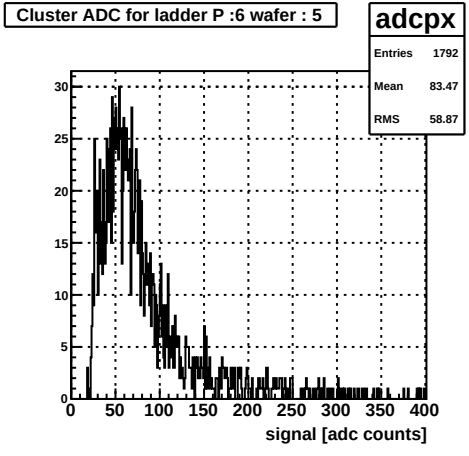

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 511
Mean 66.42
RMS 56.93
signal [adc counts]

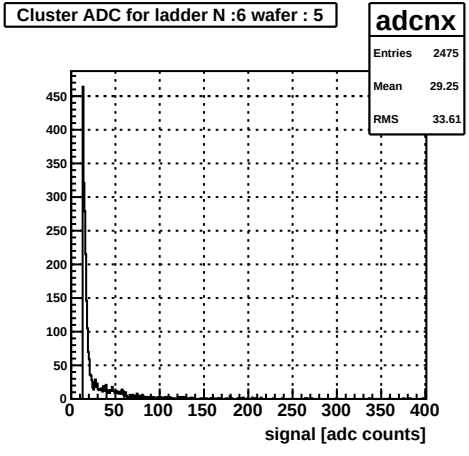

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1494
Mean 43.98
RMS 36.6
signal [adc counts]

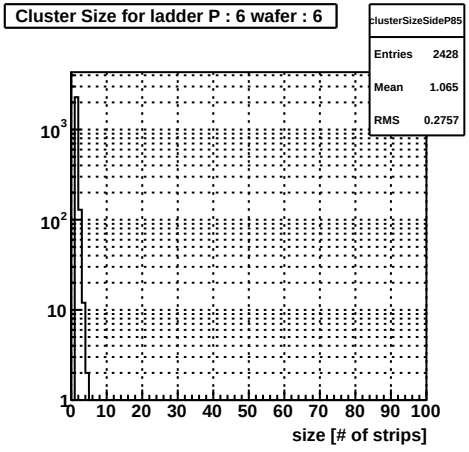

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1792
Mean 1.219
RMS 0.5049
size [# of strips]

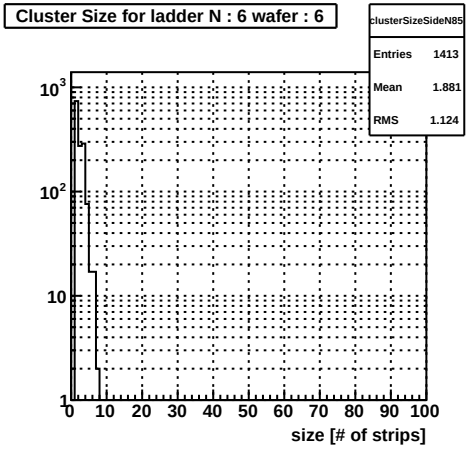

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2475
Mean 1.184
RMS 0.527
size [# of strips]

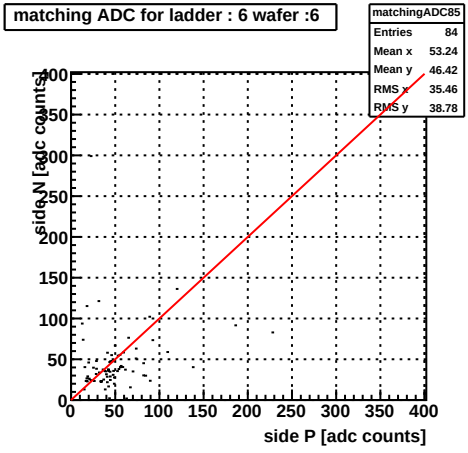

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 561
Mean x 64.09
Mean y 55.53
RMS x 49.09
RMS y 42.93
side N [adc counts]
side P [adc counts]

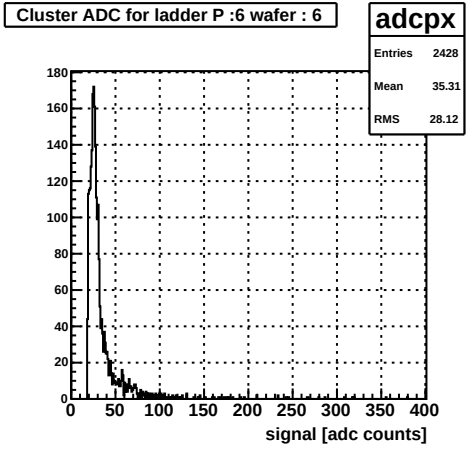

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1792
Mean 83.47
RMS 58.87
signal [adc counts]

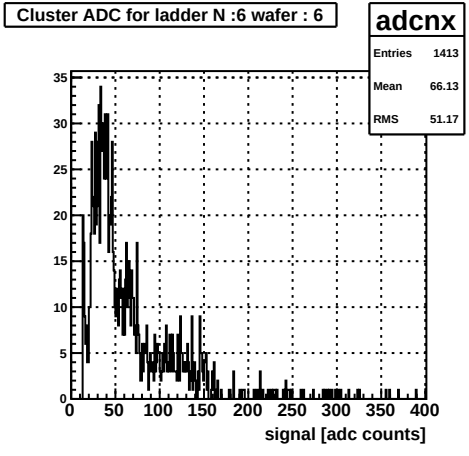

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2475
Mean 29.25
RMS 33.61
signal [adc counts]

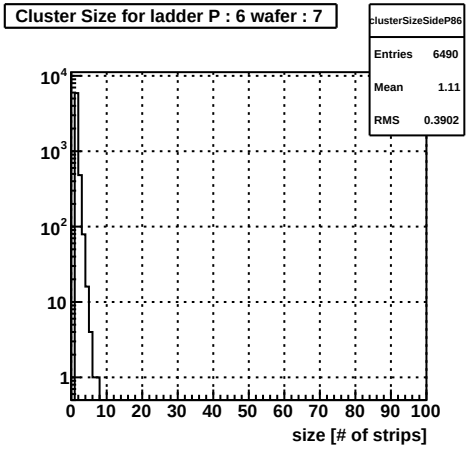

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 2428
Mean 1.065
RMS 0.2757
size [# of strips]

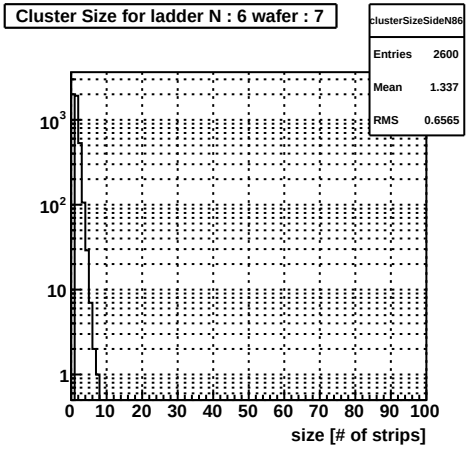

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1413
Mean 1.881
RMS 1.124
size [# of strips]

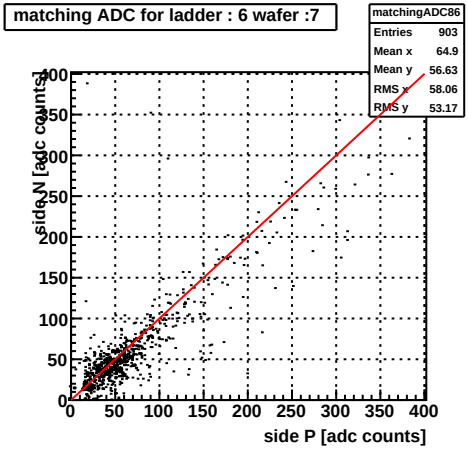

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 84
Mean x 53.24
Mean y 46.42
RMS x 35.46
RMS y 38.78
side N [adc counts]
side P [adc counts]

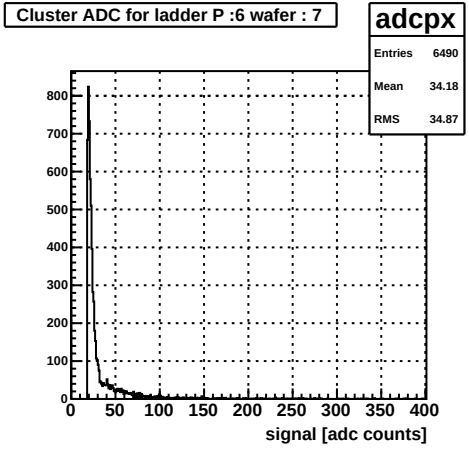

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 2428
Mean 35.31
RMS 28.12
signal [adc counts]

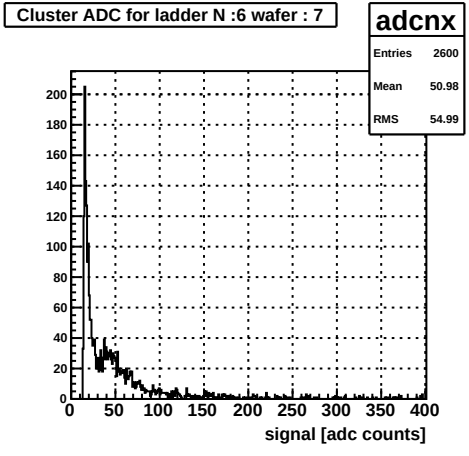

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1413
Mean 66.13
RMS 51.17
signal [adc counts]

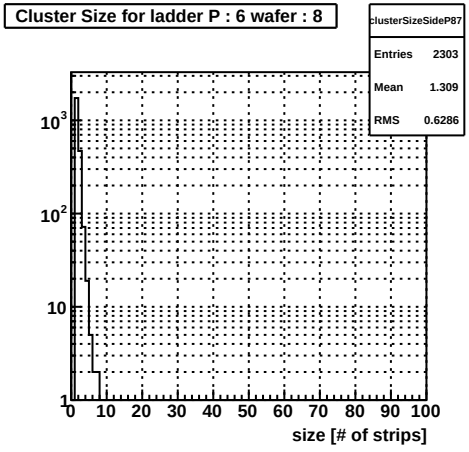

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 6490
Mean 1.11
RMS 0.3902
size [# of strips]

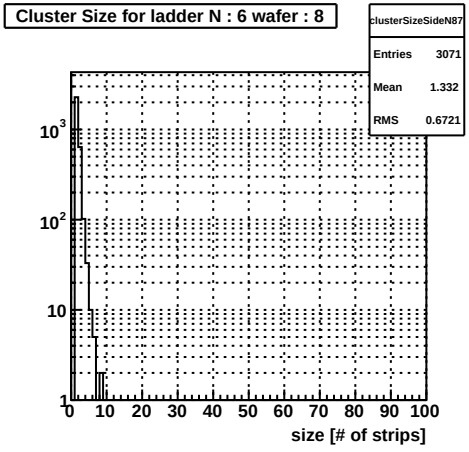

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2600
Mean 1.337
RMS 0.6565
size [# of strips]

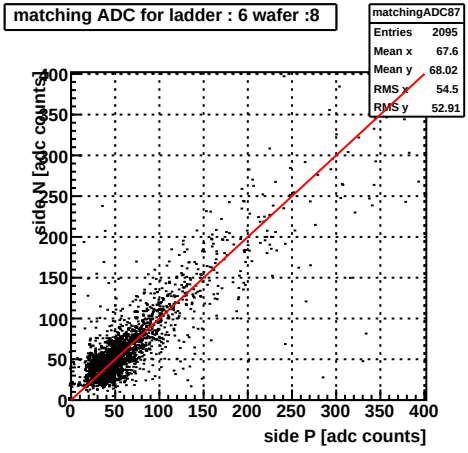

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 903
Mean x 64.9
Mean y 56.63
RMS x 58.06
RMS y 53.17
side N [adc counts]
side P [adc counts]

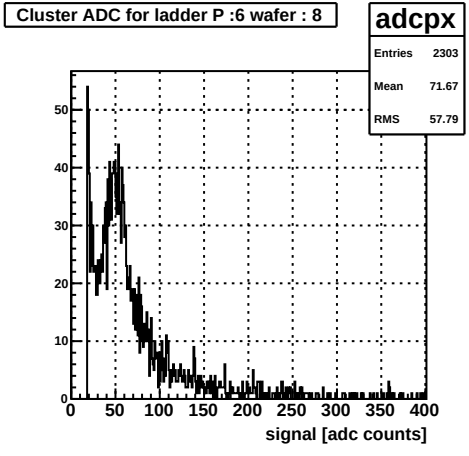

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 6490
Mean 34.18
RMS 34.87
signal [adc counts]

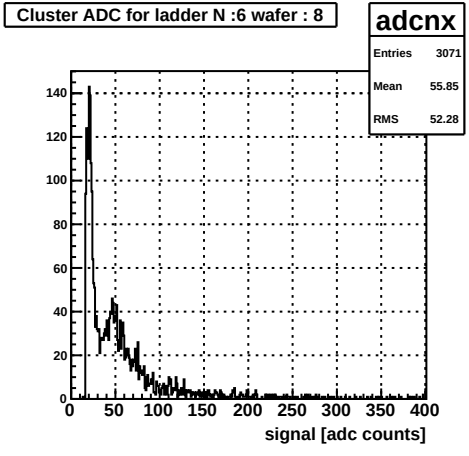

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2600
Mean 50.98
RMS 54.99
signal [adc counts]

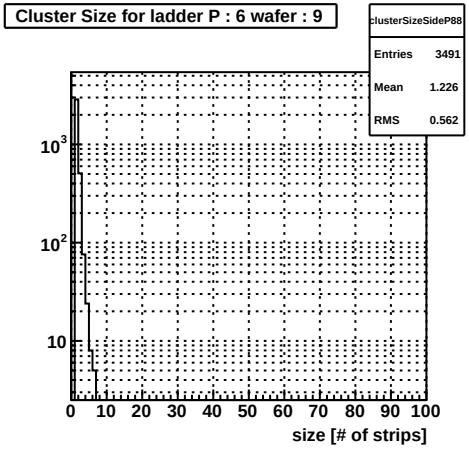

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2303
Mean 1.309
RMS 0.6286
size [# of strips]

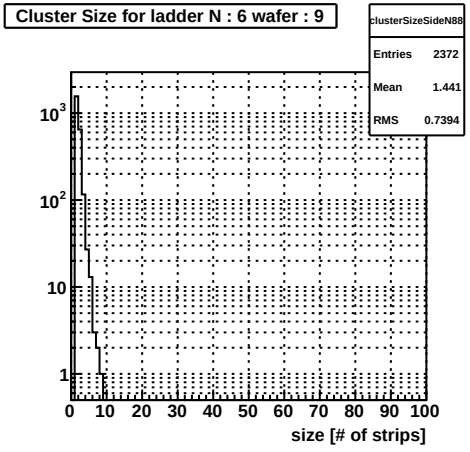

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 3071
Mean 1.332
RMS 0.6721
size [# of strips]

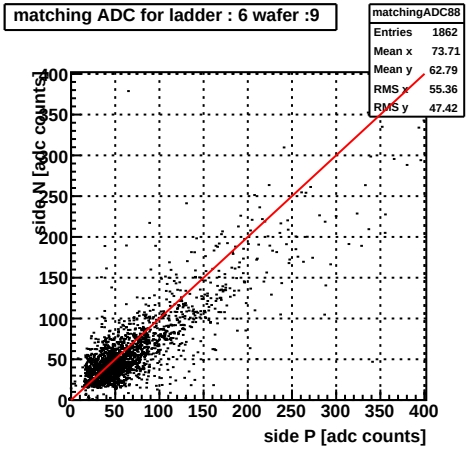

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 2095
Mean x 67.6
Mean y 68.02
RMS x 54.5
RMS y 52.91
side N [adc counts]
side P [adc counts]

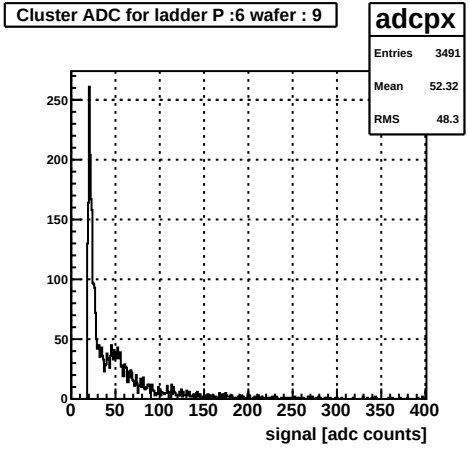

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2303
Mean 71.67
RMS 57.79
signal [adc counts]

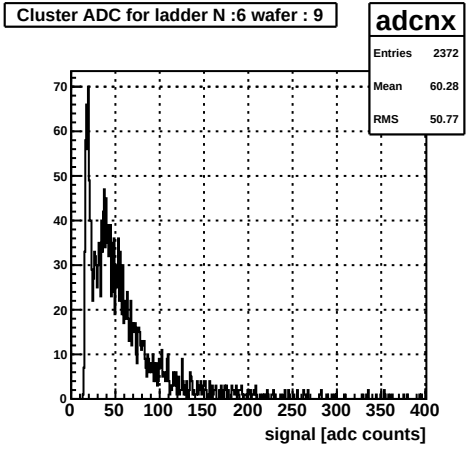

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 3071
Mean 55.85
RMS 52.28
signal [adc counts]

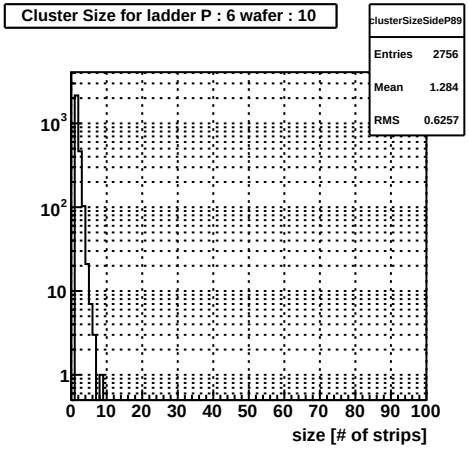

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3491
Mean 1.226
RMS 0.562
size [# of strips]

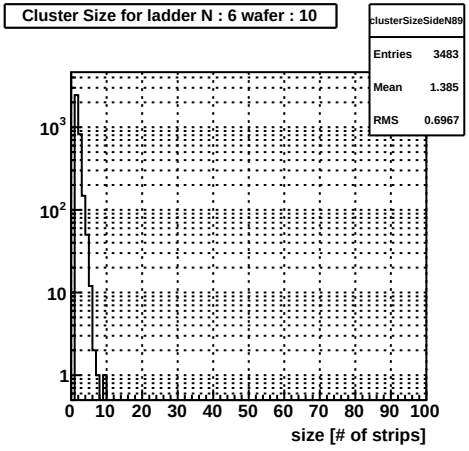

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2372
Mean 1.441
RMS 0.7394
size [# of strips]

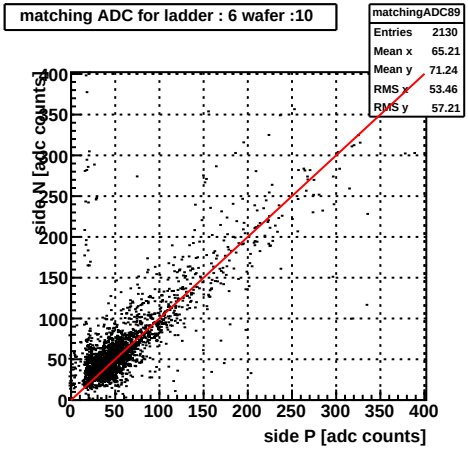

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1862
Mean x 73.71
Mean y 62.79
RMS x 55.36
RMS y 47.42
side N [adc counts]
side P [adc counts]

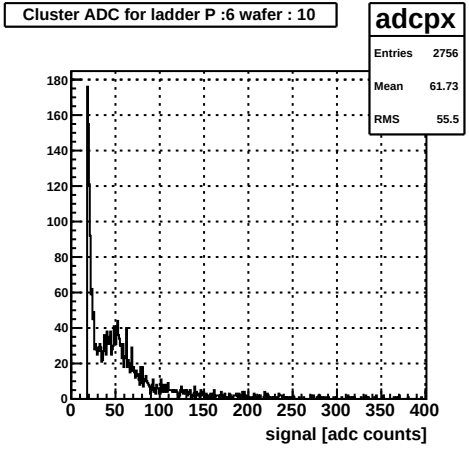

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3491
Mean 52.32
RMS 48.3
signal [adc counts]

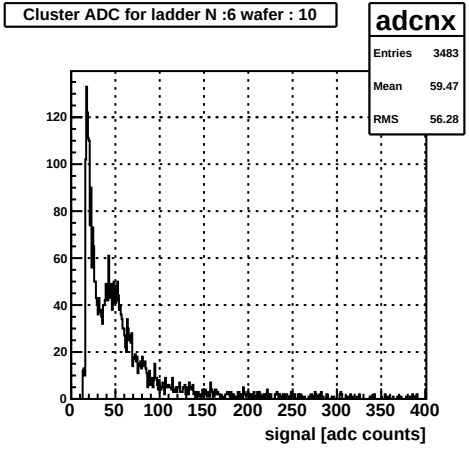

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2372
Mean 60.28
RMS 50.77
signal [adc counts]

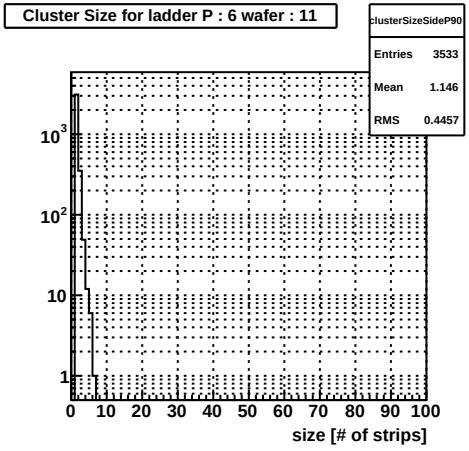

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2756
Mean 1.284
RMS 0.6257
size [# of strips]

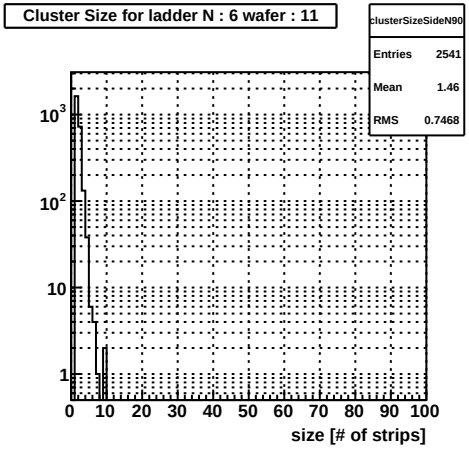

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3483
Mean 1.385
RMS 0.6967
size [# of strips]

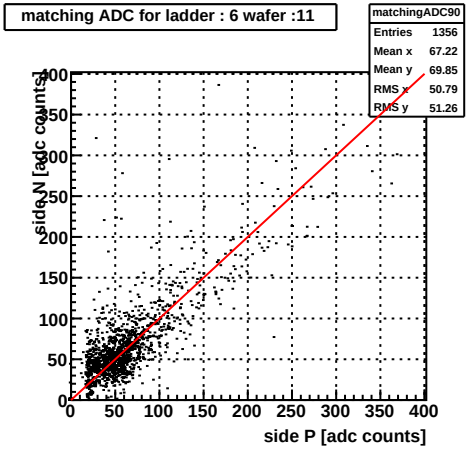

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2130
Mean x 65.21
Mean y 71.24
RMS x 53.46
RMS y 57.21
side N [adc counts]
side P [adc counts]

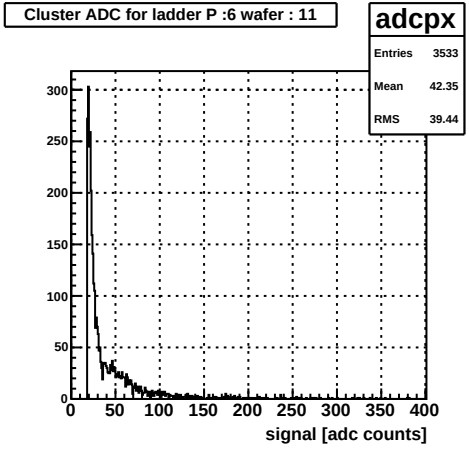

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2756
Mean 61.73
RMS 55.5
signal [adc counts]

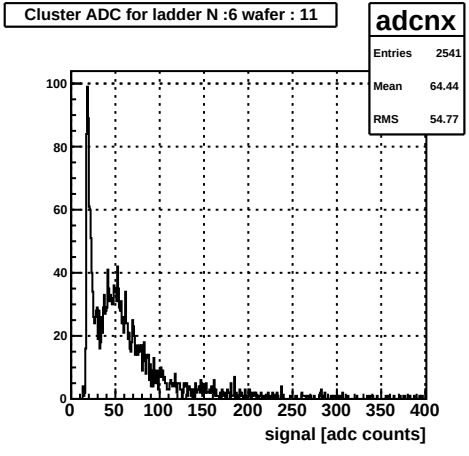

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3483
Mean 59.47
RMS 56.28
signal [adc counts]

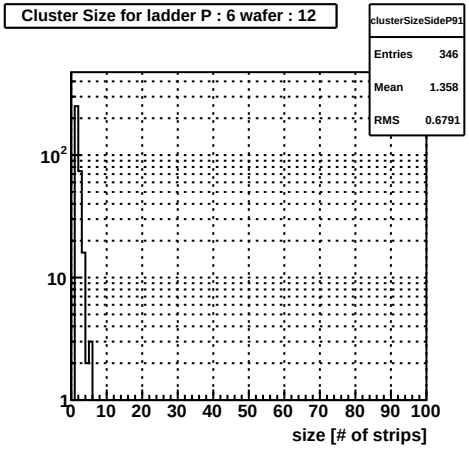

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 3533
Mean 1.146
RMS 0.4457
size [# of strips]

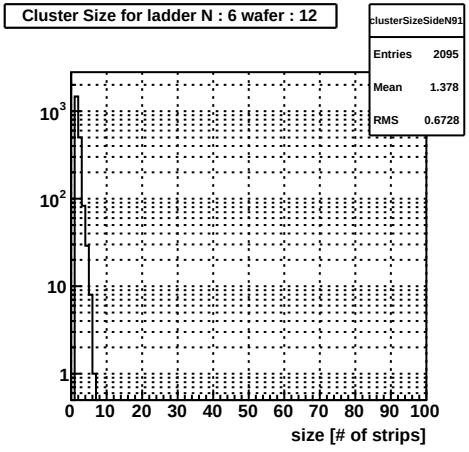

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2541
Mean 1.46
RMS 0.7468
size [# of strips]

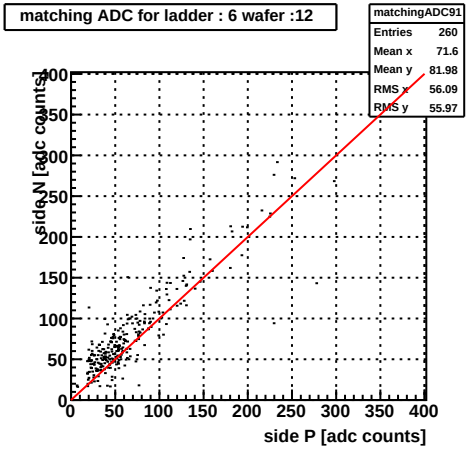

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1356
Mean x 67.22
Mean y 69.85
RMS x 50.79
RMS y 51.26
side N [adc counts]
side P [adc counts]

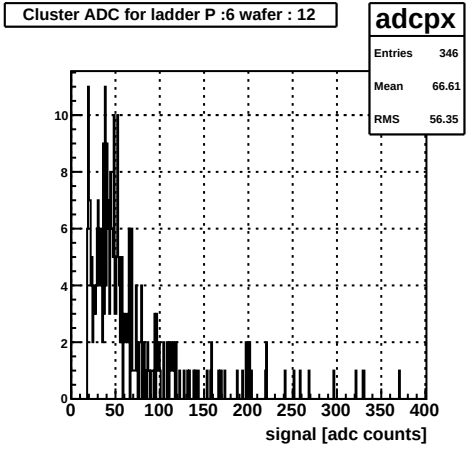

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 3533
Mean 42.35
RMS 39.44
signal [adc counts]

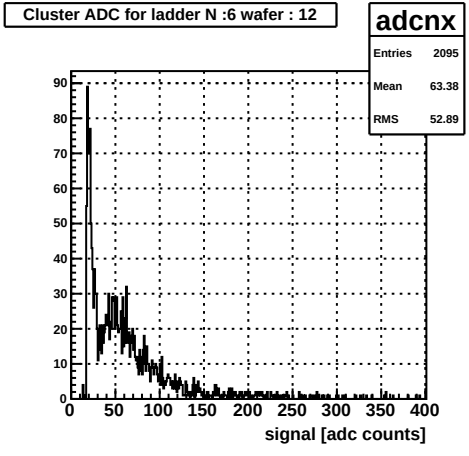

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2541
Mean 64.44
RMS 54.77
signal [adc counts]

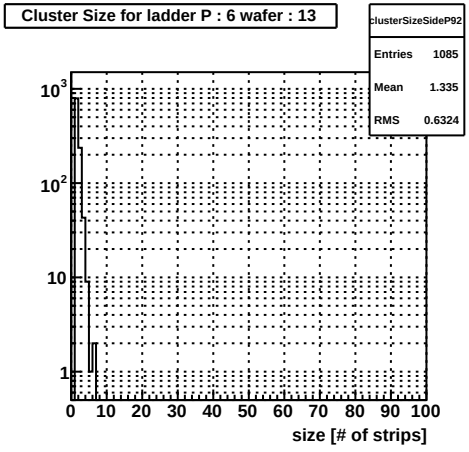

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 346
Mean 1.358
RMS 0.6791
size [# of strips]

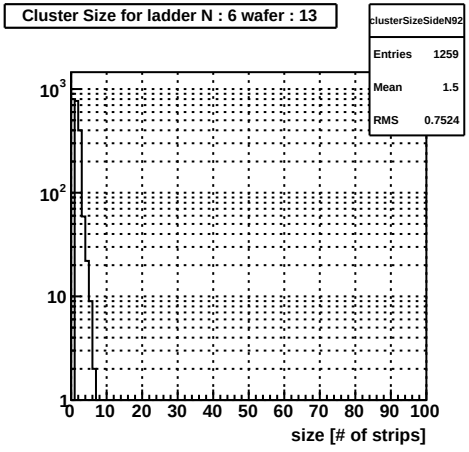

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2095
Mean 1.378
RMS 0.6728
size [# of strips]

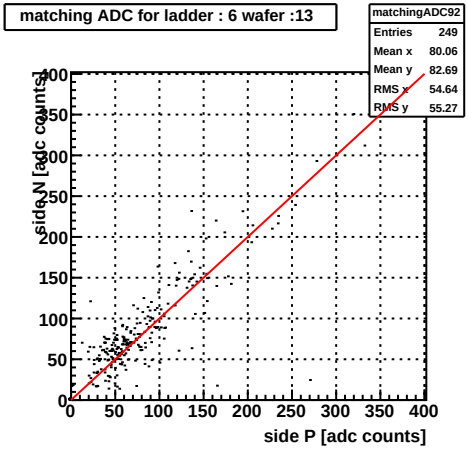

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 260
Mean x 71.6
Mean y 81.98
RMS x 56.09
RMS y 55.97
side N [adc counts]
side P [adc counts]

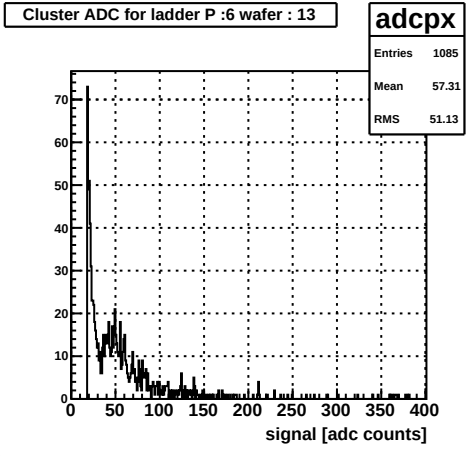

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 346
Mean 66.61
RMS 56.35
signal [adc counts]

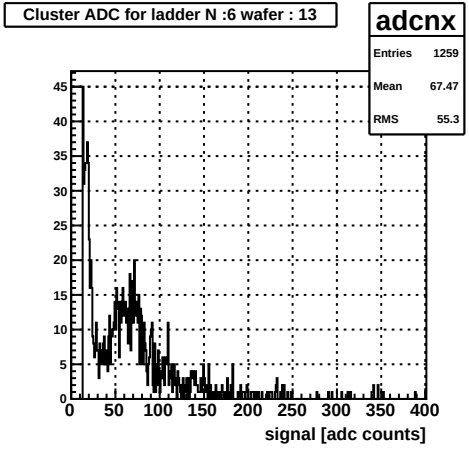

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2095
Mean 63.38
RMS 52.89
signal [adc counts]

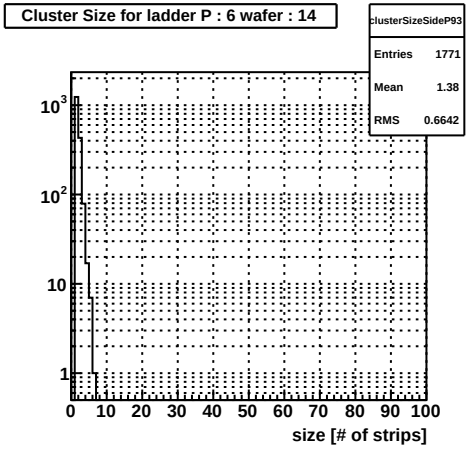

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1085
Mean 1.335
RMS 0.6324
size [# of strips]

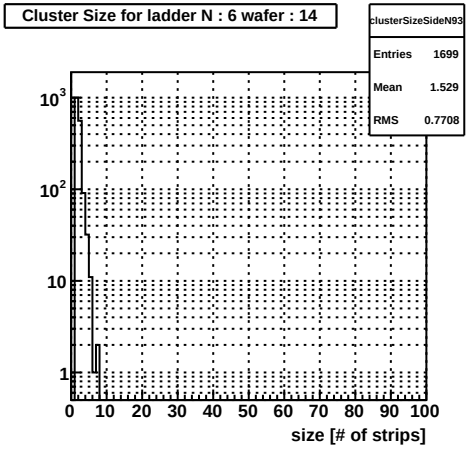

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1259
Mean 1.5
RMS 0.7524
size [# of strips]

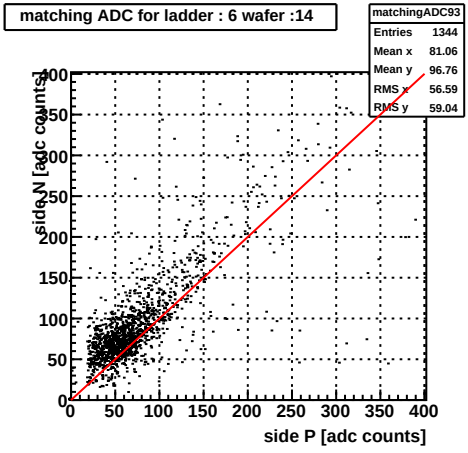

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 249
Mean x 80.06
Mean y 82.69
RMS x 54.64
RMS y 55.27
side N [adc counts]
side P [adc counts]

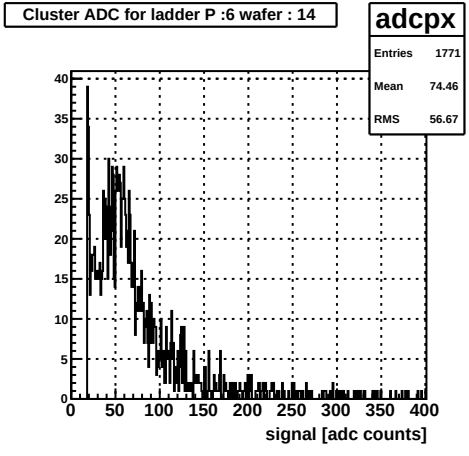

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1085
Mean 57.31
RMS 51.13
signal [adc counts]

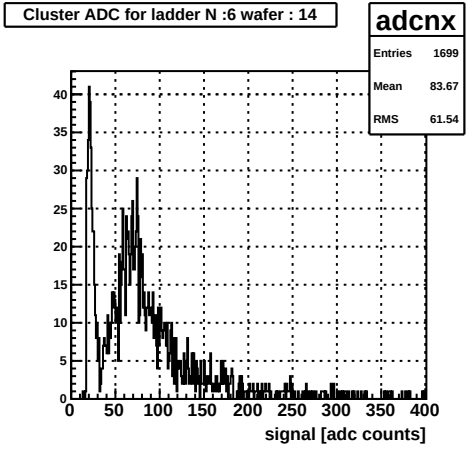

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1259
Mean 67.47
RMS 55.3
signal [adc counts]

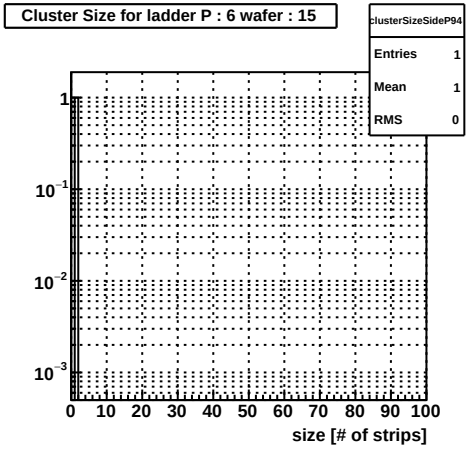

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1771
Mean 1.38
RMS 0.6642
size [# of strips]

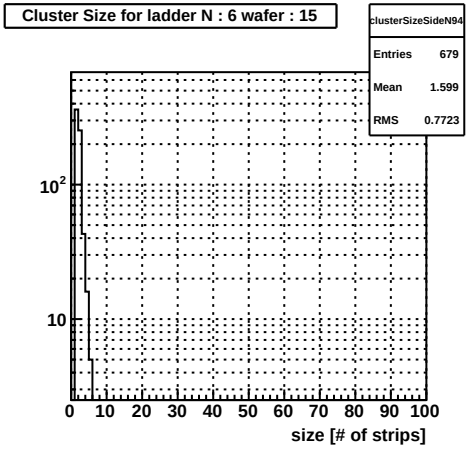

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1699
Mean 1.529
RMS 0.7708
size [# of strips]

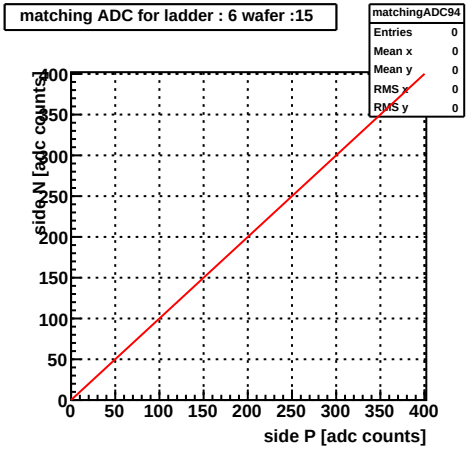

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1344
Mean x 81.06
Mean y 96.76
RMS x 56.59
RMS y 59.04
side N [adc counts]
side P [adc counts]

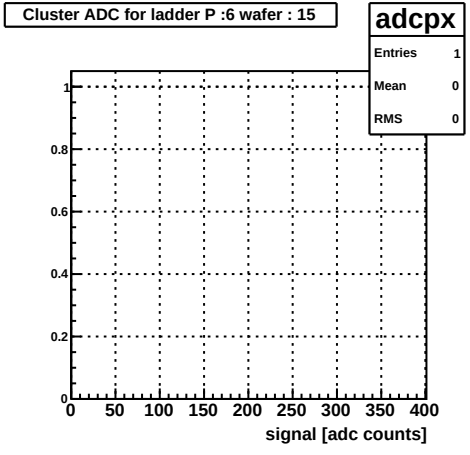

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1771
Mean 74.46
RMS 56.67
signal [adc counts]

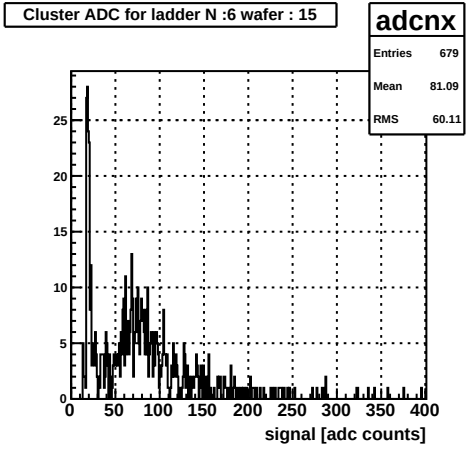

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1699
Mean 83.67
RMS 61.54
signal [adc counts]

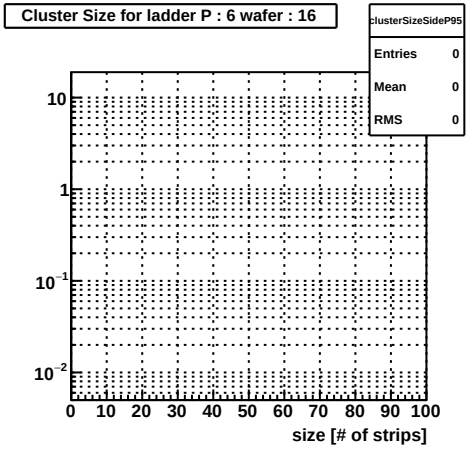

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

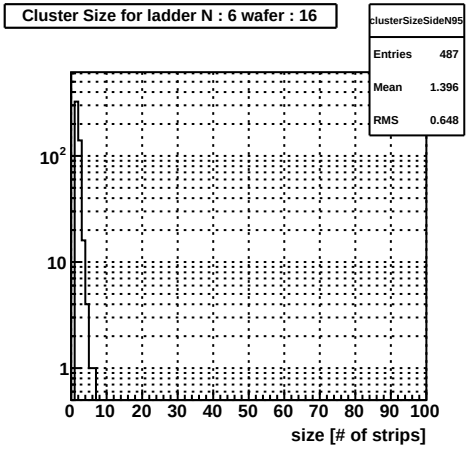

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 679
Mean 1.599
RMS 0.7723
size [# of strips]

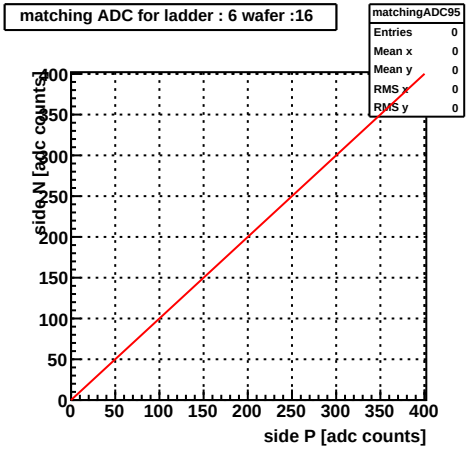

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

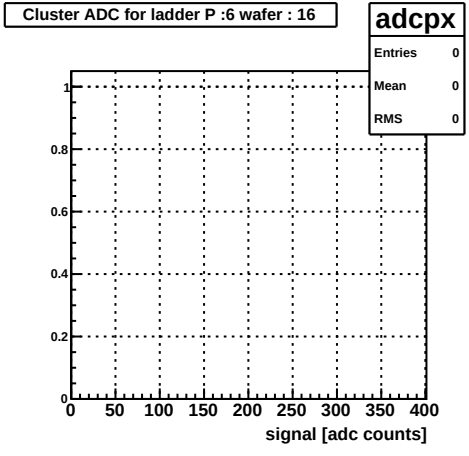

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

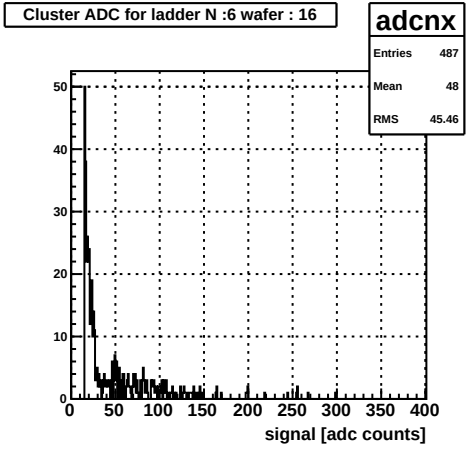

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 679
Mean 81.09
RMS 60.11
signal [adc counts]

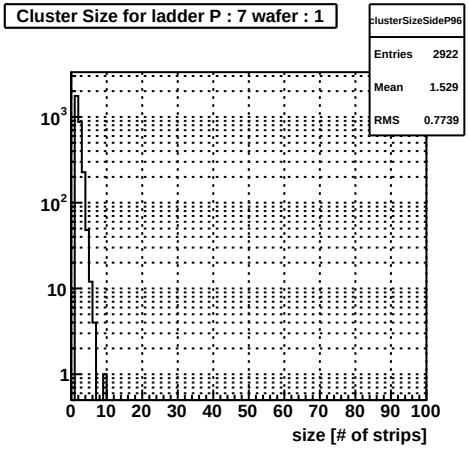

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

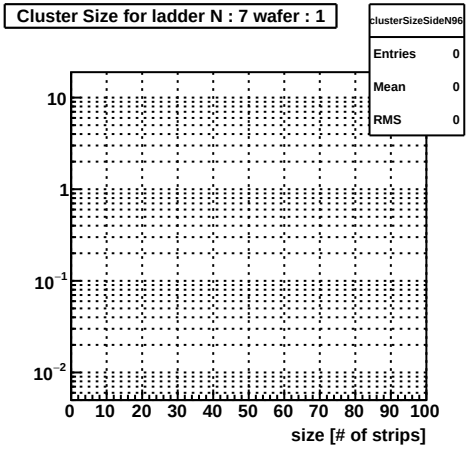

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 487
Mean 1.396
RMS 0.648
size [# of strips]

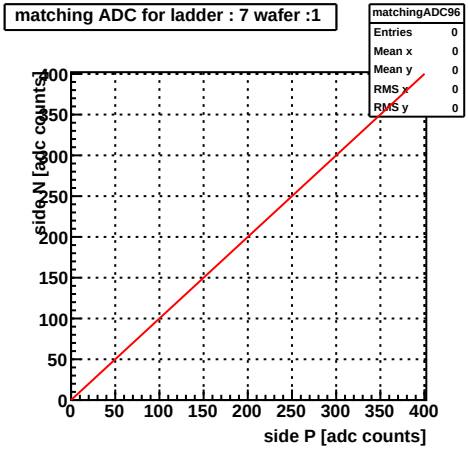

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

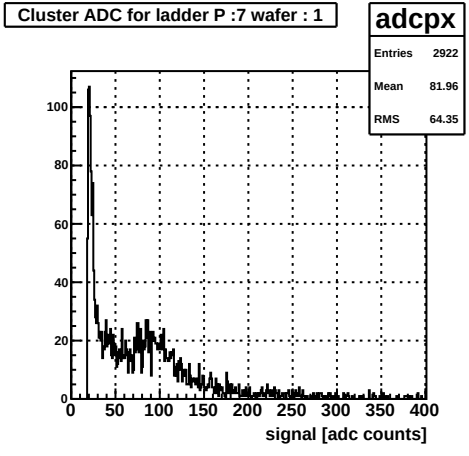

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

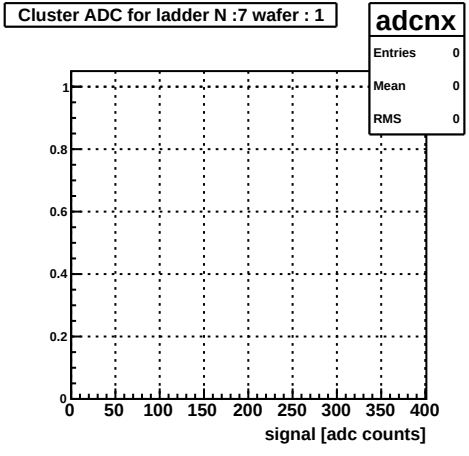

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 487
Mean 48
RMS 45.46
signal [adc counts]

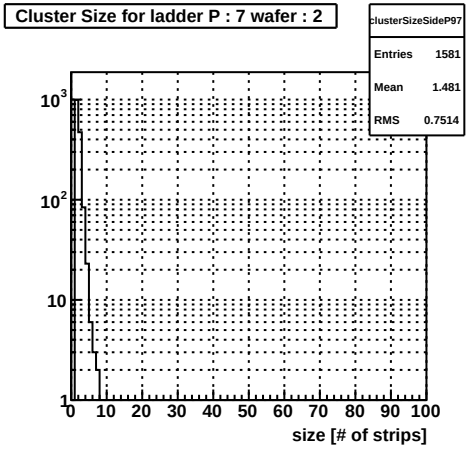

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2922
Mean 1.529
RMS 0.7739
size [# of strips]

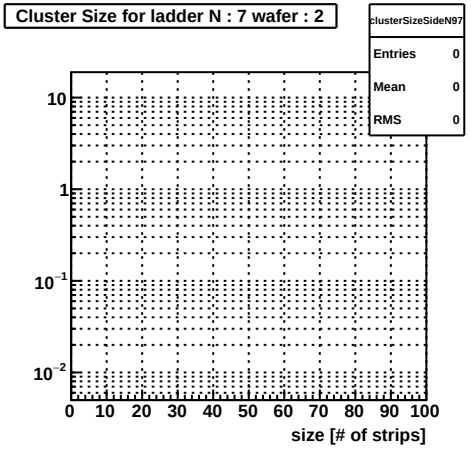

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

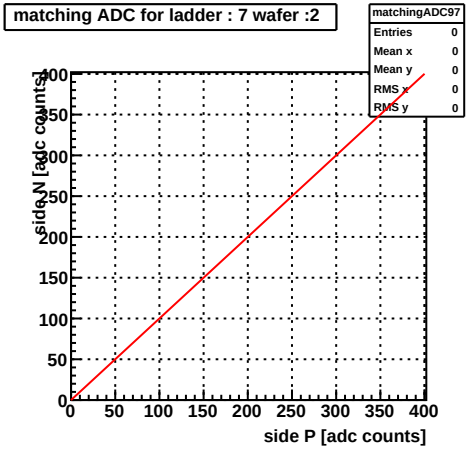

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

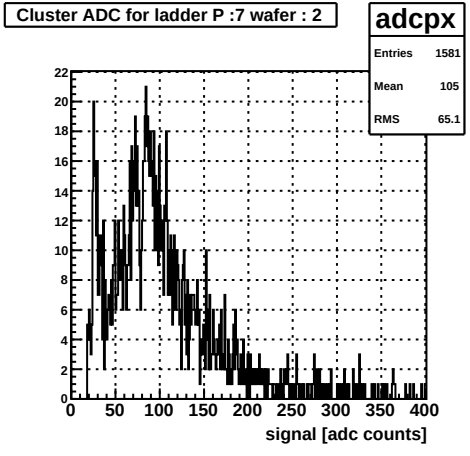

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2922
Mean 81.96
RMS 64.35
signal [adc counts]

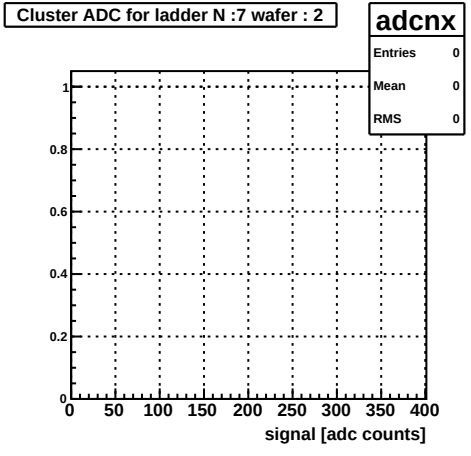

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

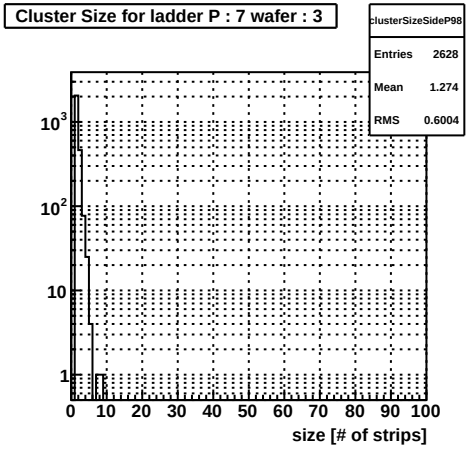

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1581
Mean 1.481
RMS 0.7514
size [# of strips]

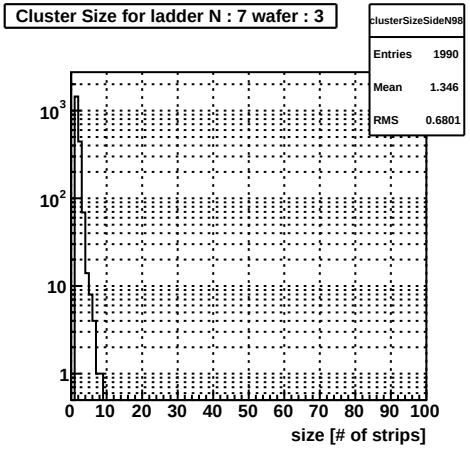

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

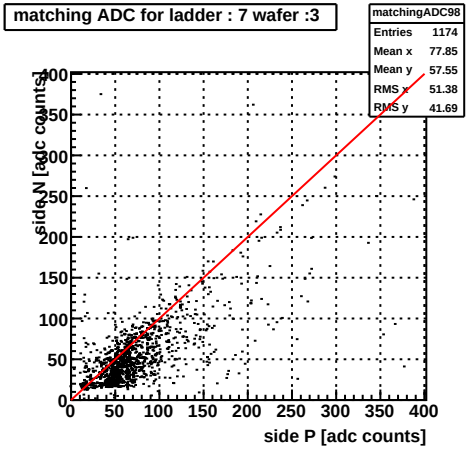

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

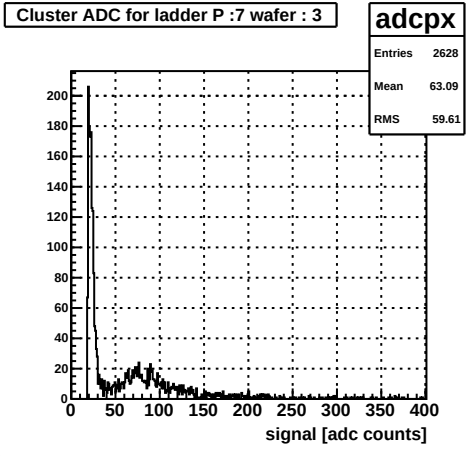

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1581
Mean 105
RMS 65.1
signal [adc counts]

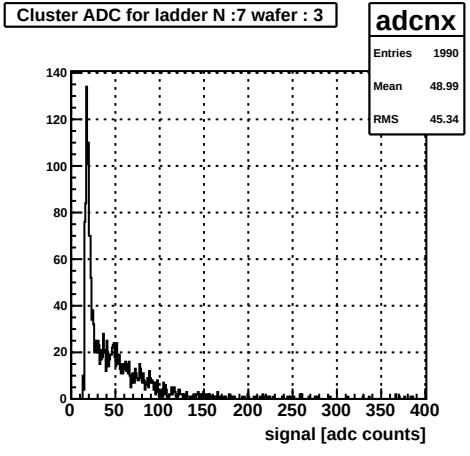

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

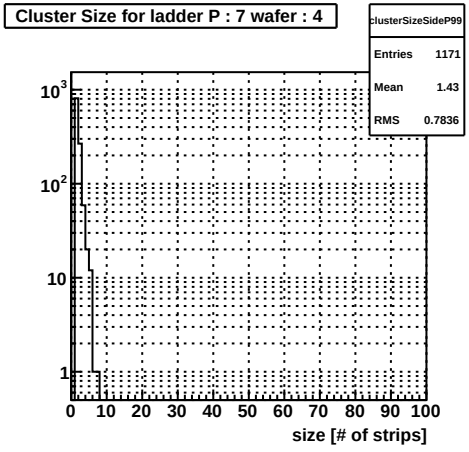

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2628
Mean 1.274
RMS 0.6004
size [# of strips]

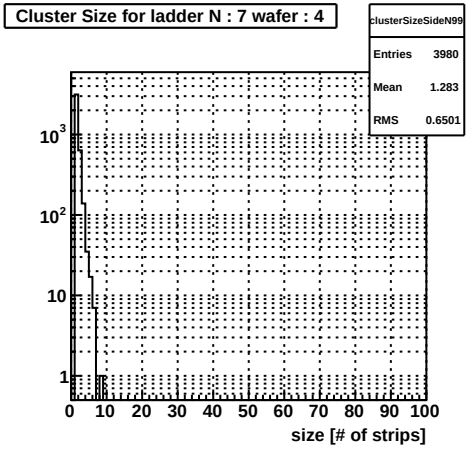

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1990
Mean 1.346
RMS 0.6801
size [# of strips]

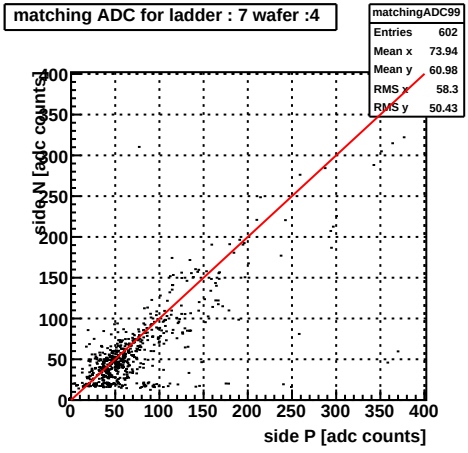

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1174
Mean x 77.85
Mean y 57.55
RMS x 51.38
RMS y 41.69
side N [adc counts]
side P [adc counts]

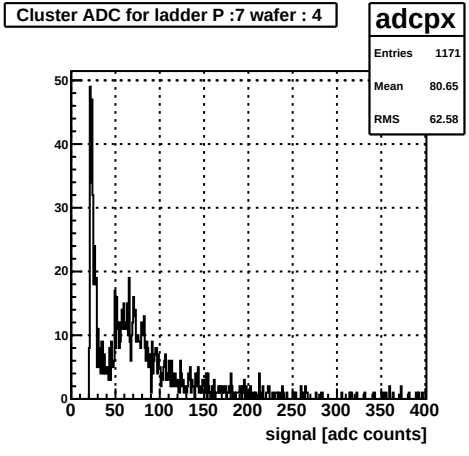

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2628
Mean 63.09
RMS 59.61
signal [adc counts]

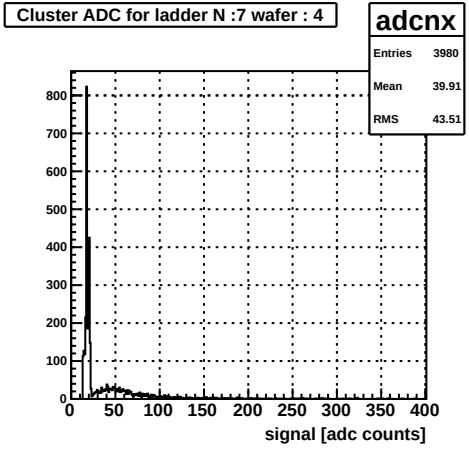

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1990
Mean 48.99
RMS 45.34
signal [adc counts]

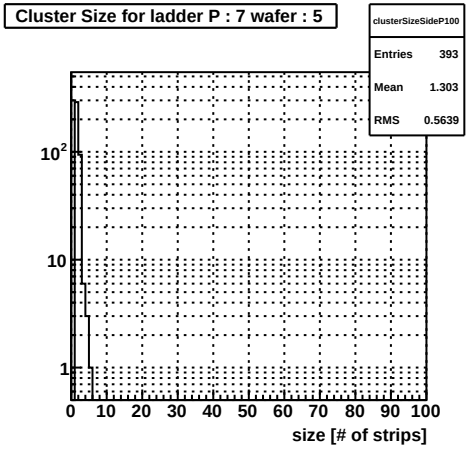

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1171
Mean 1.43
RMS 0.7836
size [# of strips]

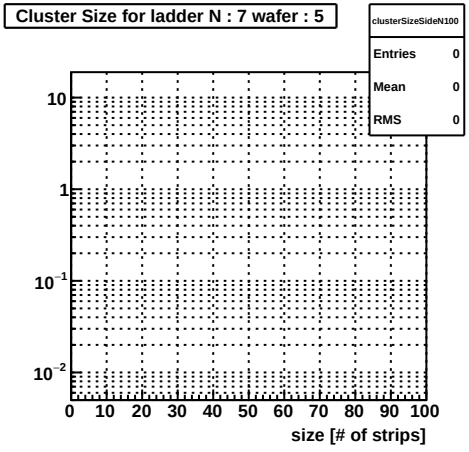

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3980
Mean 1.283
RMS 0.6501
size [# of strips]

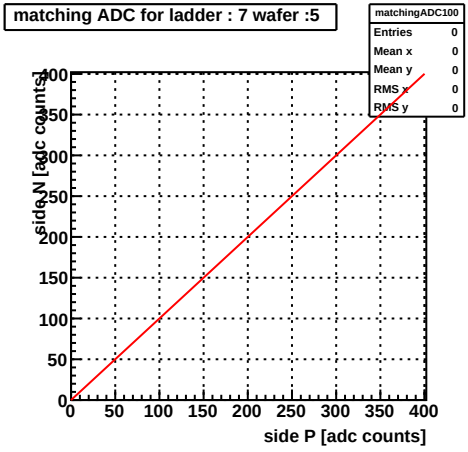

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 602
Mean x 73.94
Mean y 60.98
RMS x 58.3
RMS y 50.43
side N [adc counts]
side P [adc counts]

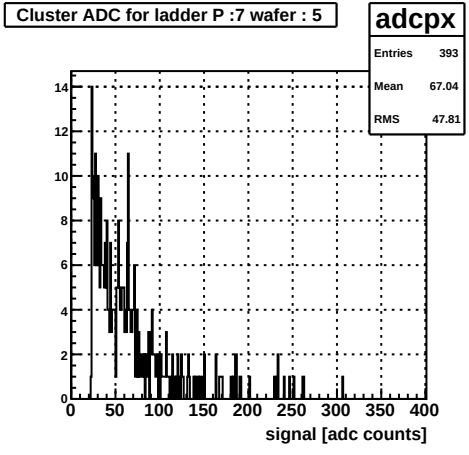

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1171
Mean 80.65
RMS 62.58
signal [adc counts]

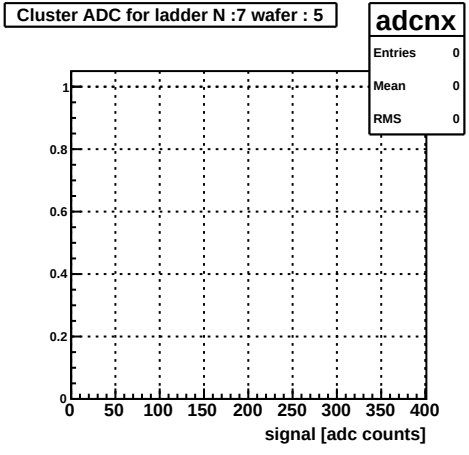

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3980
Mean 39.91
RMS 43.51
signal [adc counts]

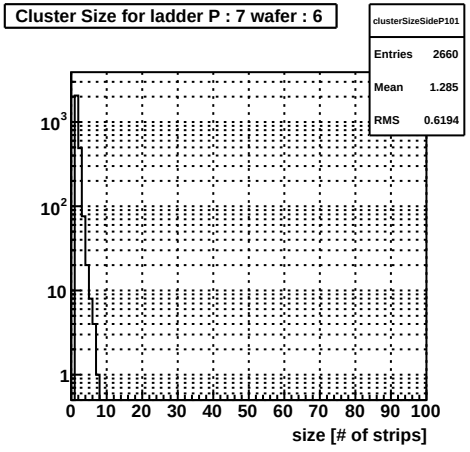

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 393
Mean 1.303
RMS 0.5639
size [# of strips]

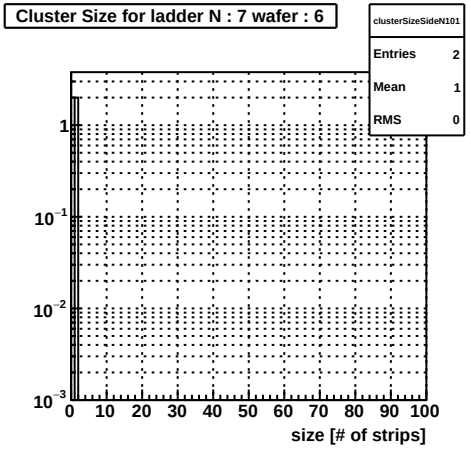

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

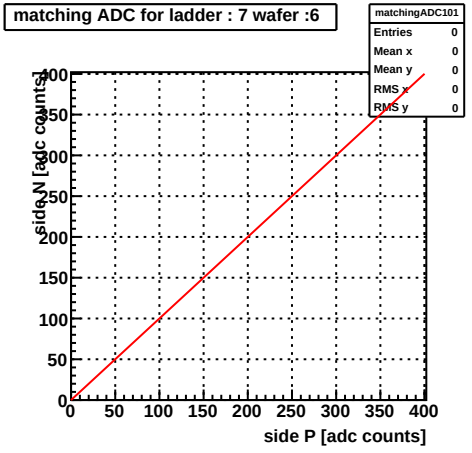

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

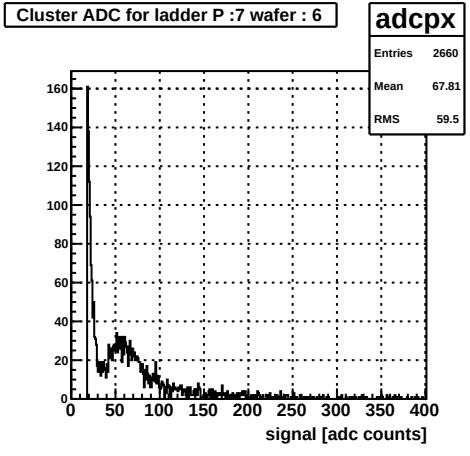

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 393
Mean 67.04
RMS 47.81
signal [adc counts]

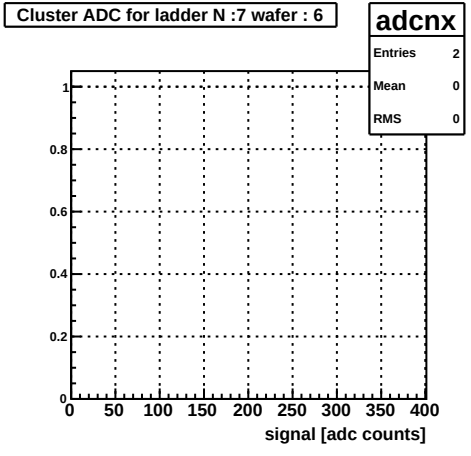

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

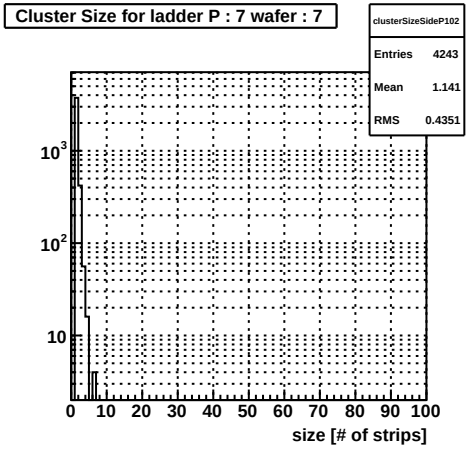

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2660
Mean 1.285
RMS 0.6194
size [# of strips]

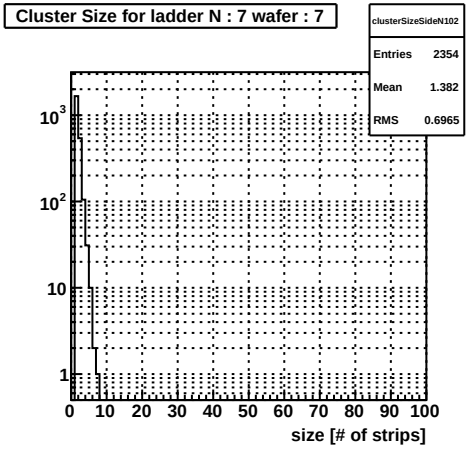

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 2
Mean 1
RMS 0
size [# of strips]

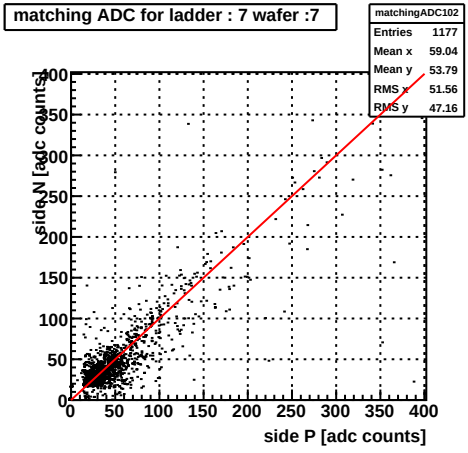

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

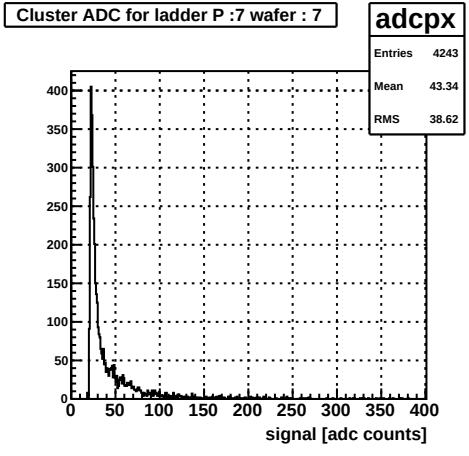

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2660
Mean 67.81
RMS 59.5
signal [adc counts]

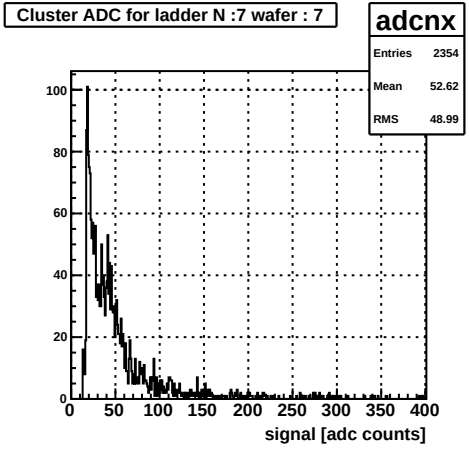

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

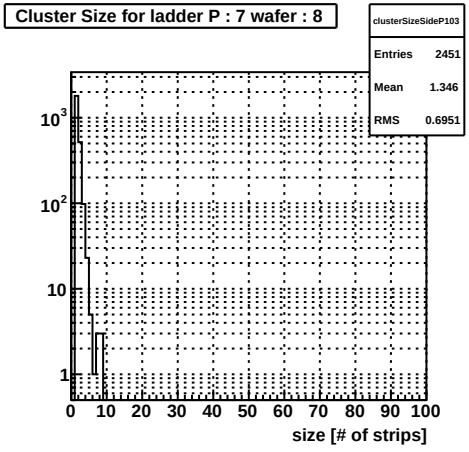

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 4243
Mean 1.141
RMS 0.4351
size [# of strips]

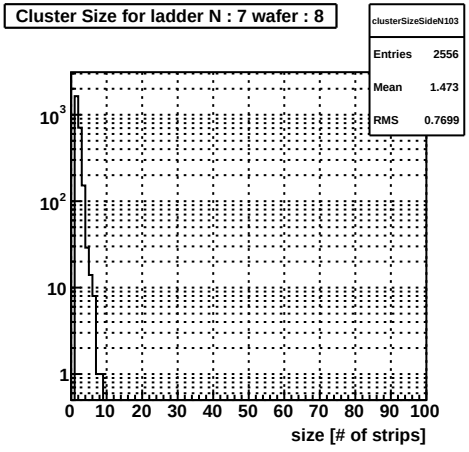

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2354
Mean 1.382
RMS 0.6965
size [# of strips]

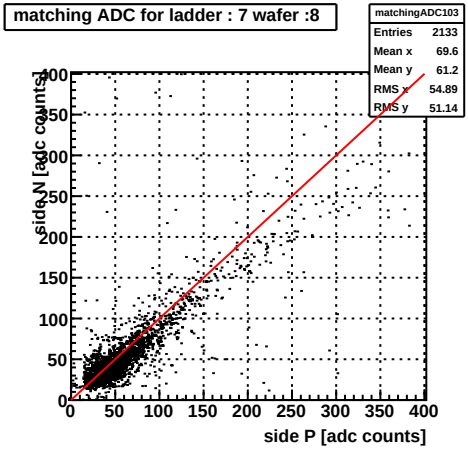

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1177
Mean x 59.04
Mean y 53.79
RMS x 51.56
RMS y 47.16
side N [adc counts]
side P [adc counts]

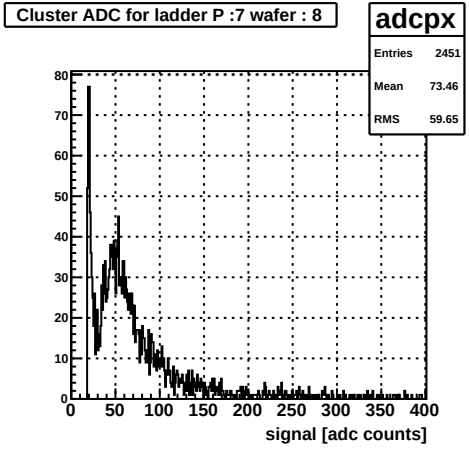

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 4243
Mean 43.34
RMS 38.62
signal [adc counts]

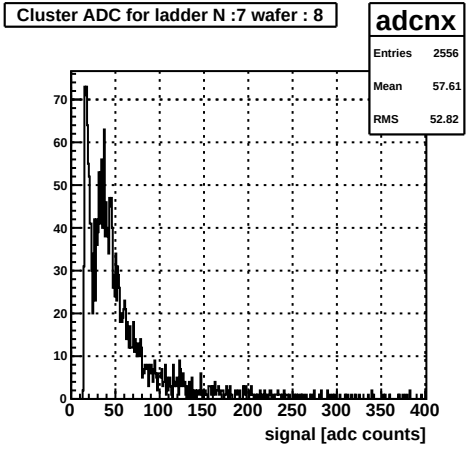

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2354
Mean 52.62
RMS 48.99
signal [adc counts]

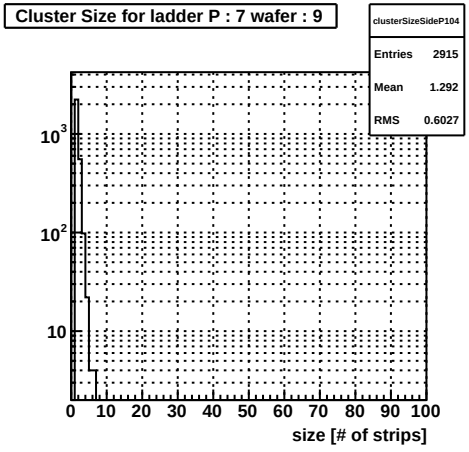

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2451
Mean 1.346
RMS 0.6951
size [# of strips]

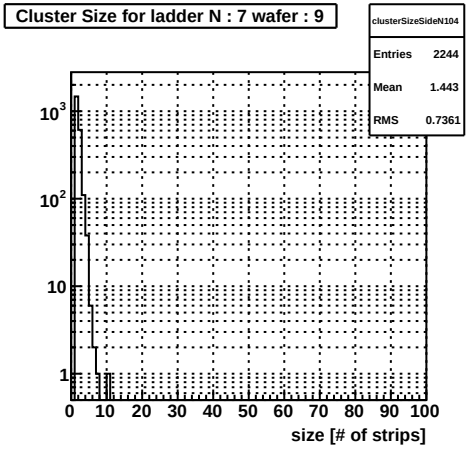

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2556
Mean 1.473
RMS 0.7699
size [# of strips]

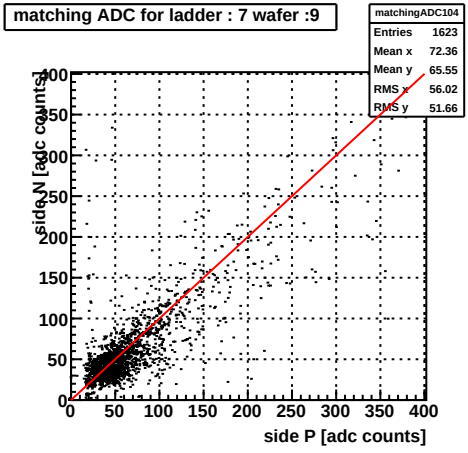

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2133
Mean x 69.6
Mean y 61.2
RMS x 54.89
RMS y 51.14
side N [adc counts]
side P [adc counts]

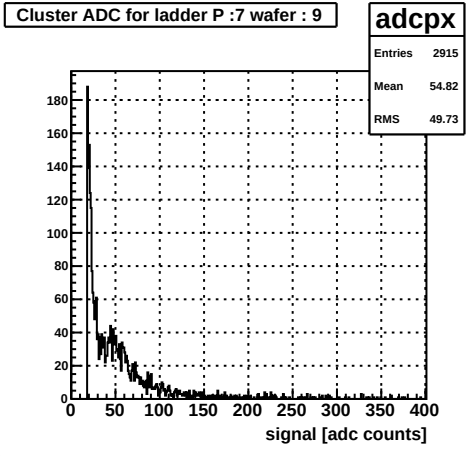

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2451
Mean 73.46
RMS 59.65
signal [adc counts]

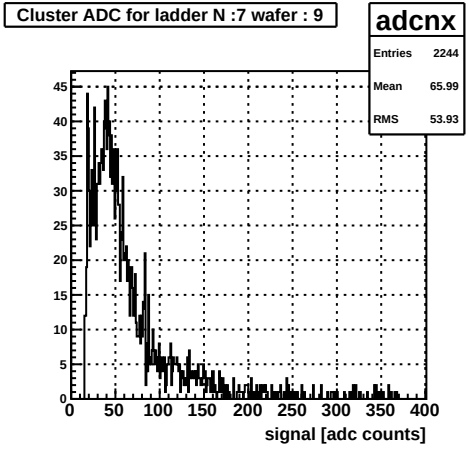

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2556
Mean 57.61
RMS 52.82
signal [adc counts]

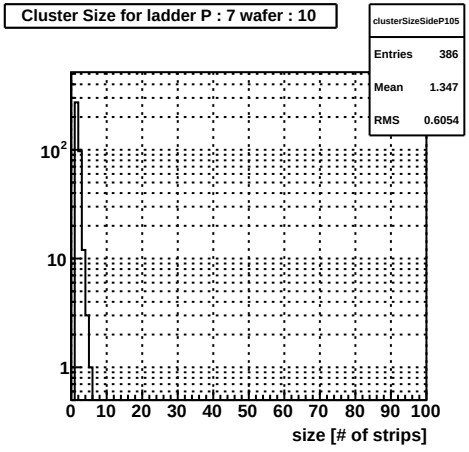

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2915
Mean 1.292
RMS 0.6027
size [# of strips]

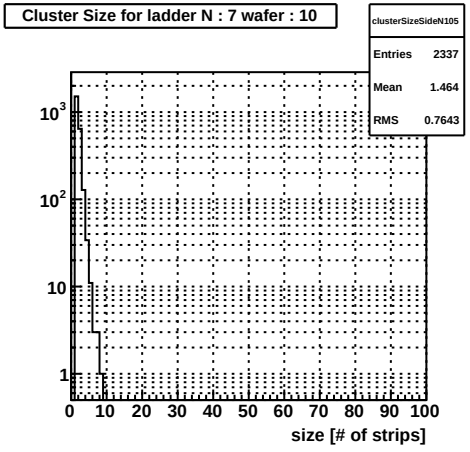

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2244
Mean 1.443
RMS 0.7361
size [# of strips]

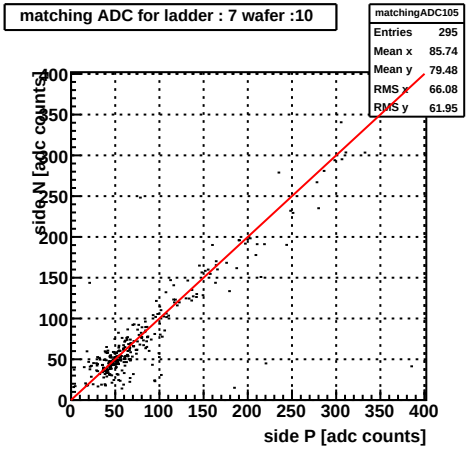

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1623
Mean x 72.36
Mean y 65.55
RMS x 56.02
RMS y 51.66
side N [adc counts]
side P [adc counts]

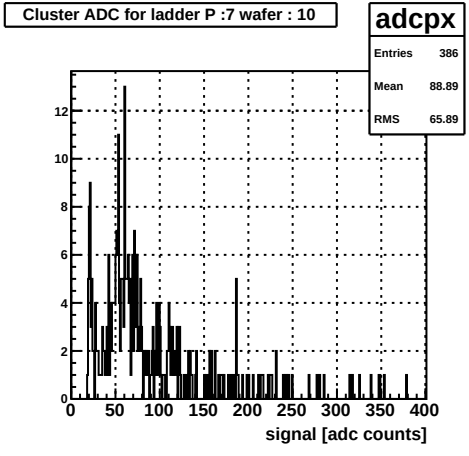

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2915
Mean 54.82
RMS 49.73
signal [adc counts]

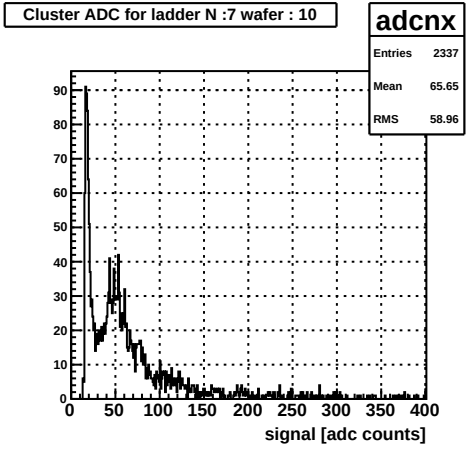

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2244
Mean 65.99
RMS 53.93
signal [adc counts]

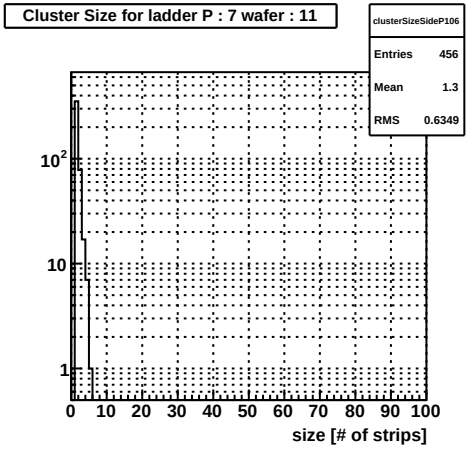

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 386
Mean 1.347
RMS 0.6054
size [# of strips]

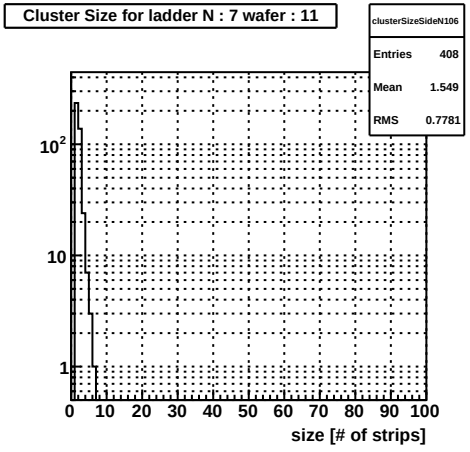

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2337
Mean 1.464
RMS 0.7643
size [# of strips]

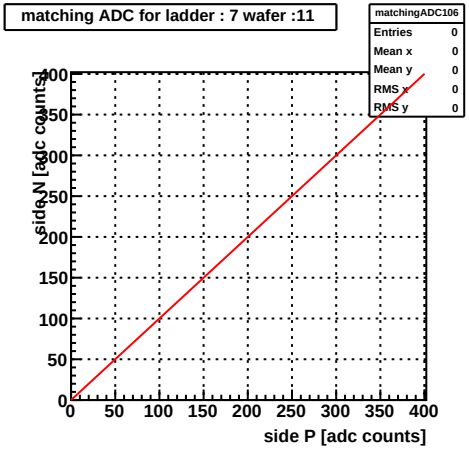

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 295
Mean x 85.74
Mean y 79.48
RMS x 66.08
RMS y 61.95
side N [adc counts]
side P [adc counts]

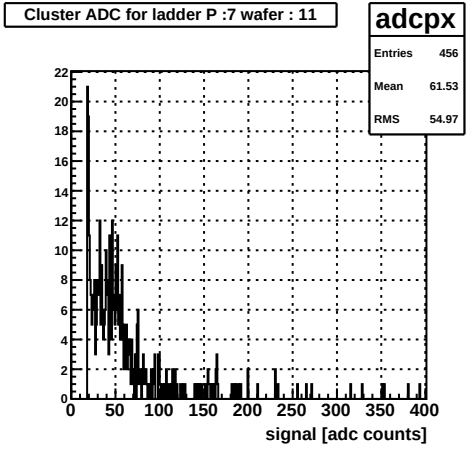

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 386
Mean 88.89
RMS 65.89
signal [adc counts]

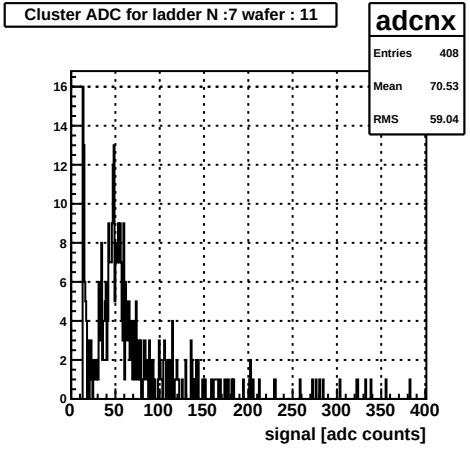

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2337
Mean 65.65
RMS 58.96
signal [adc counts]

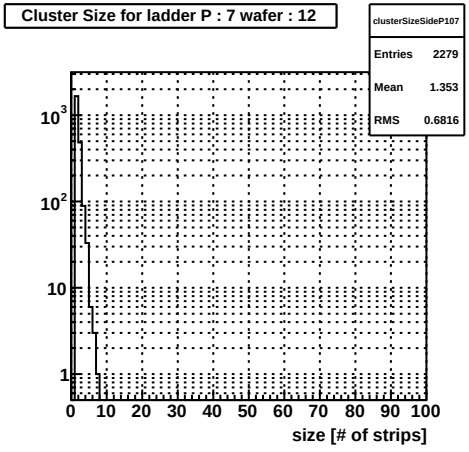

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 456
Mean 1.3
RMS 0.6349
size [# of strips]

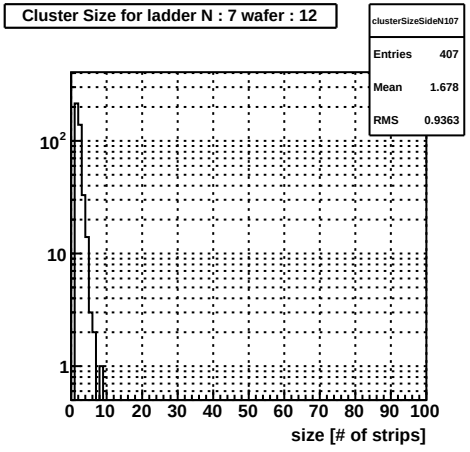

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 408
Mean 1.549
RMS 0.7781
size [# of strips]

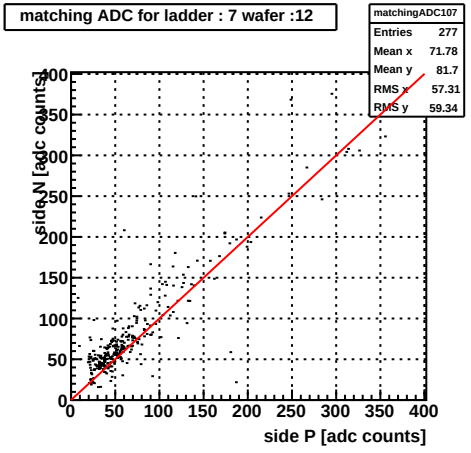

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

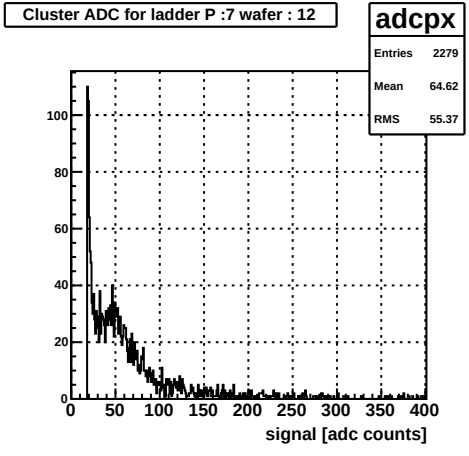

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 456
Mean 61.53
RMS 54.97
signal [adc counts]

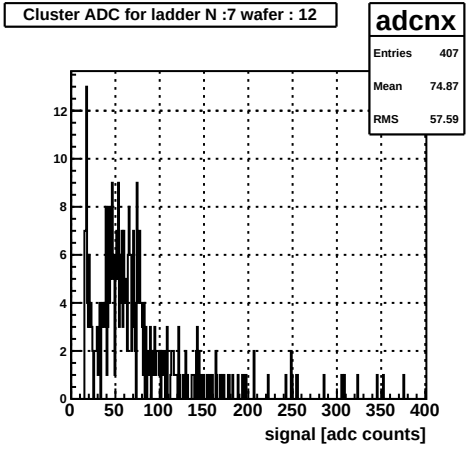

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 408
Mean 70.53
RMS 59.04
signal [adc counts]

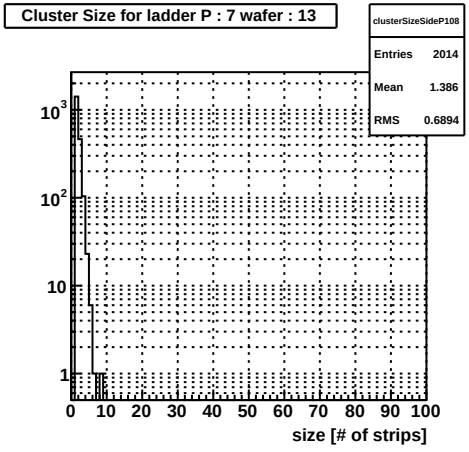

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2279
Mean 1.353
RMS 0.6816
size [# of strips]

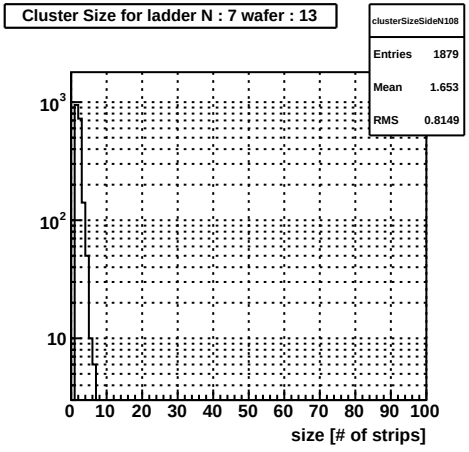

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 407
Mean 1.678
RMS 0.9363
size [# of strips]

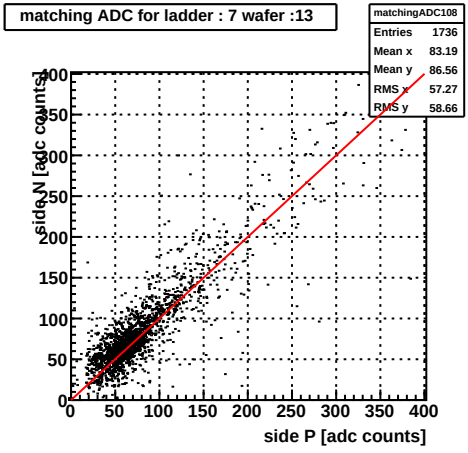

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 277
Mean x 71.78
Mean y 81.7
RMS x 57.31
RMS y 59.34
side N [adc counts]
side P [adc counts]

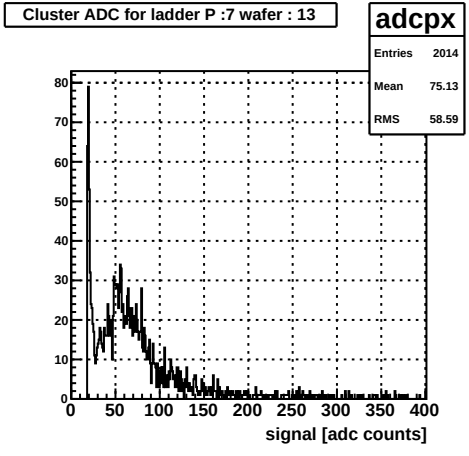

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2279
Mean 64.62
RMS 55.37
signal [adc counts]

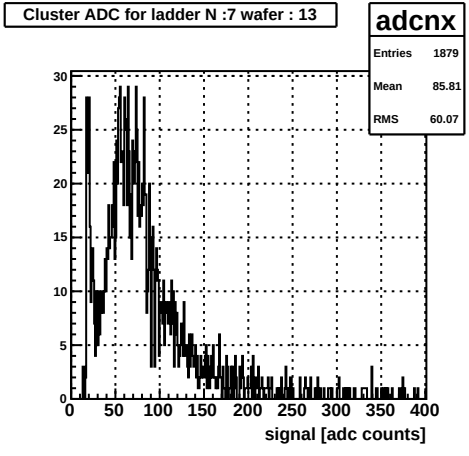

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 407
Mean 74.87
RMS 57.59
signal [adc counts]

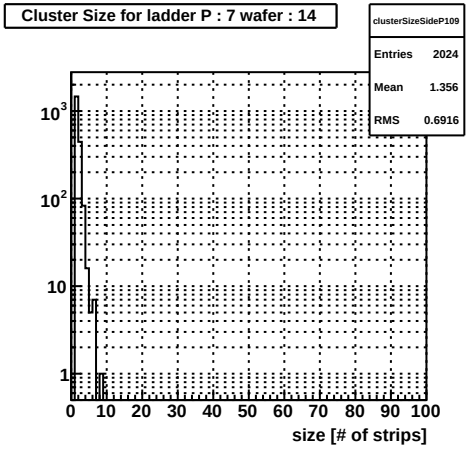

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2014
Mean 1.386
RMS 0.6894
size [# of strips]

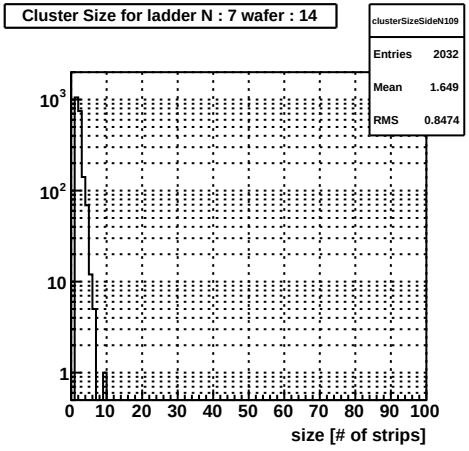

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1879
Mean 1.653
RMS 0.8149
size [# of strips]

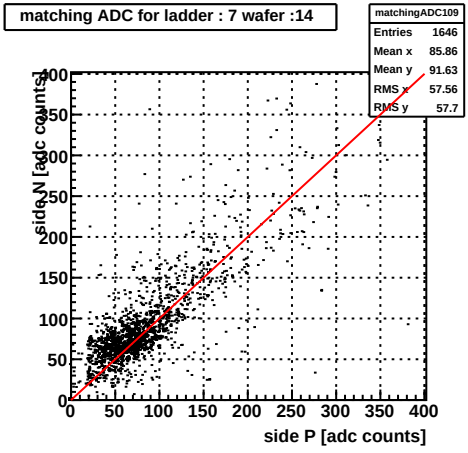

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1736
Mean x 83.19
Mean y 86.56
RMS x 57.27
RMS y 58.66
side N [adc counts]
side P [adc counts]

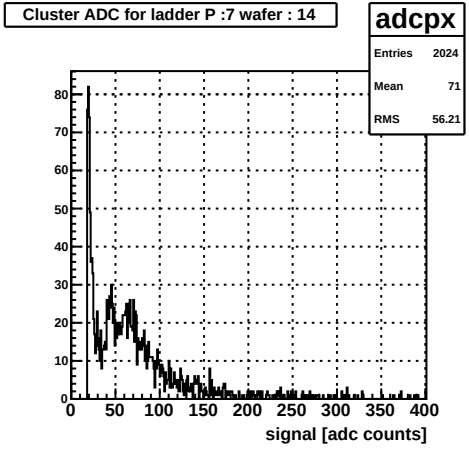

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2014
Mean 75.13
RMS 58.59
signal [adc counts]

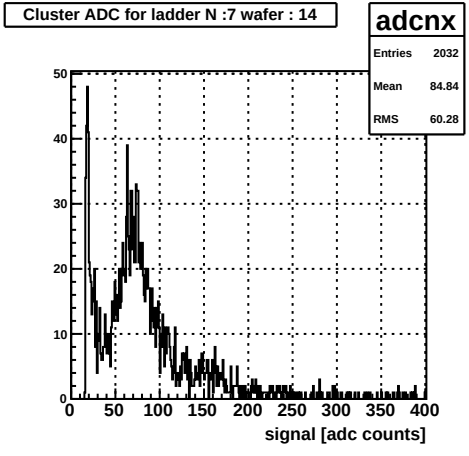

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1879
Mean 85.81
RMS 60.07
signal [adc counts]

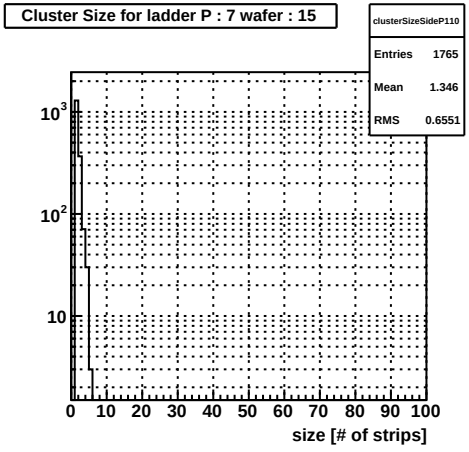

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2024
Mean 1.356
RMS 0.6916
size [# of strips]

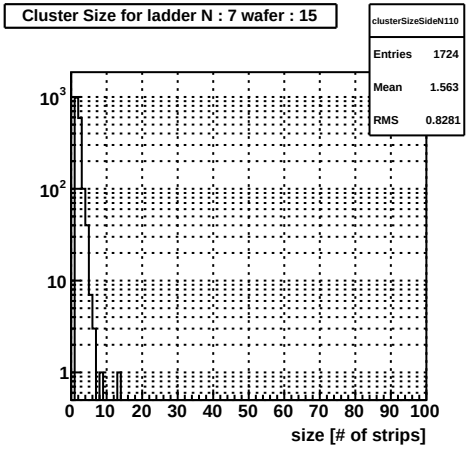

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2032
Mean 1.649
RMS 0.8474
size [# of strips]

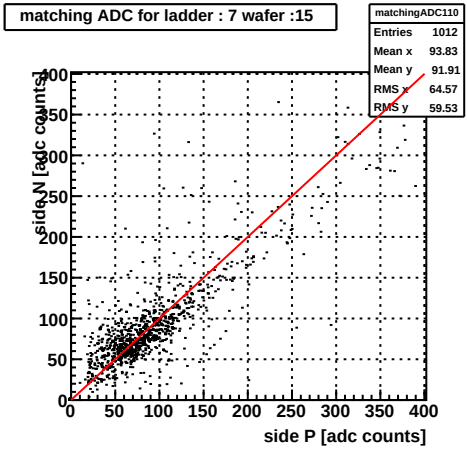

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1646
Mean x 85.86
Mean y 91.63
RMS x 57.56
RMS y 57.7
side N [adc counts]
side P [adc counts]

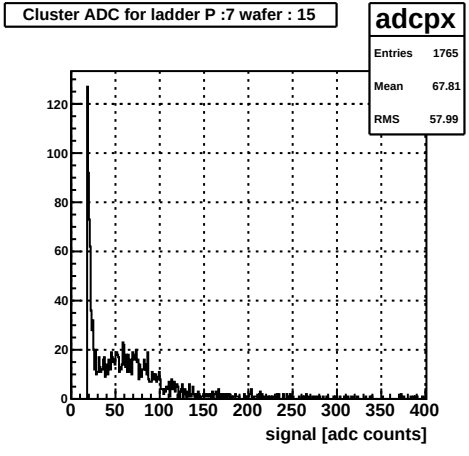

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2024
Mean 71
RMS 56.21
signal [adc counts]

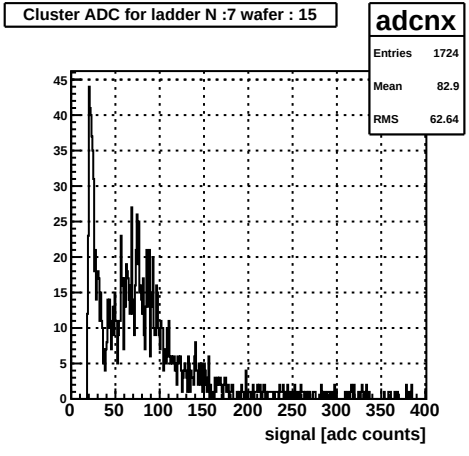

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2032
Mean 84.84
RMS 60.28
signal [adc counts]

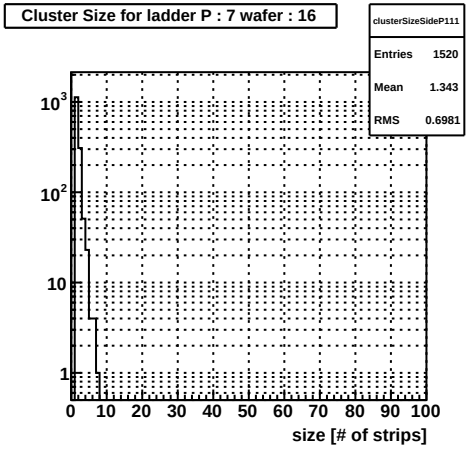

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1765
Mean 1.346
RMS 0.6551
size [# of strips]

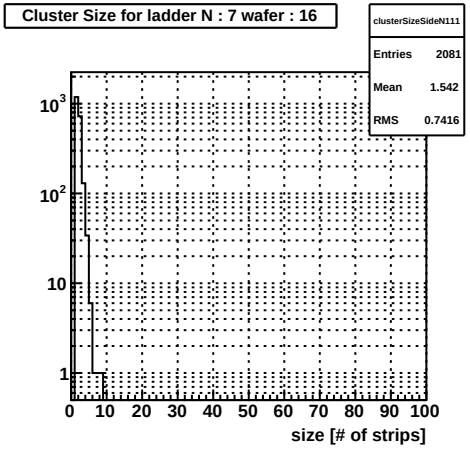

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1724
Mean 1.563
RMS 0.8281
size [# of strips]

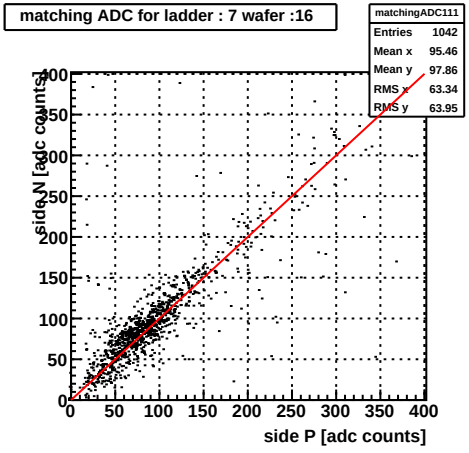

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1012
Mean x 93.83
Mean y 91.91
RMS x 64.57
RMS y 59.53
side N [adc counts]
side P [adc counts]

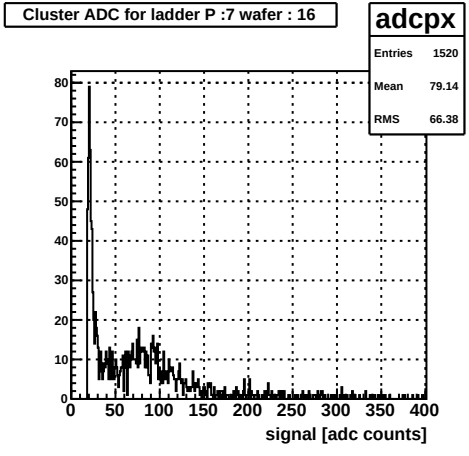

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1765
Mean 67.81
RMS 57.99
signal [adc counts]

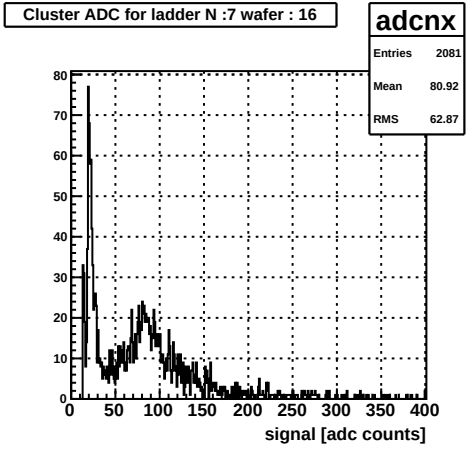

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1724
Mean 82.9
RMS 62.64
signal [adc counts]

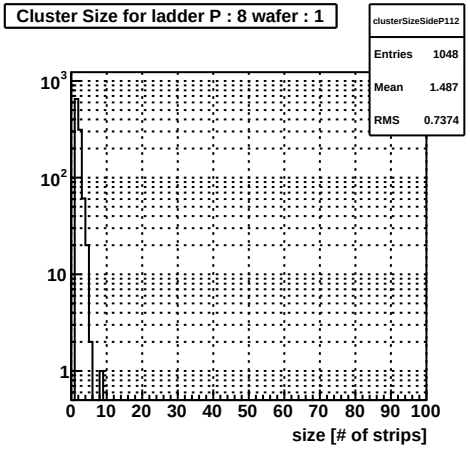

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1520
Mean 1.343
RMS 0.6981
size [# of strips]

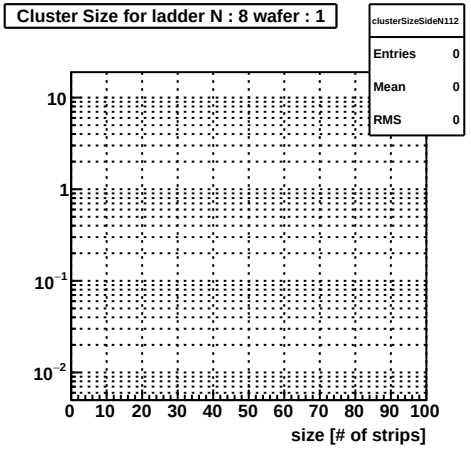

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2081
Mean 1.542
RMS 0.7416
size [# of strips]

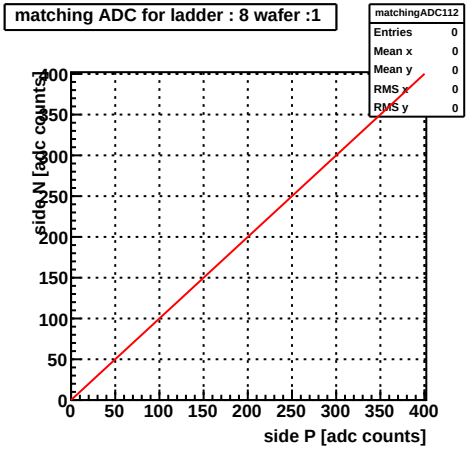

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1042
Mean x 95.46
Mean y 97.86
RMS x 63.34
RMS y 63.95
side N [adc counts]
side P [adc counts]

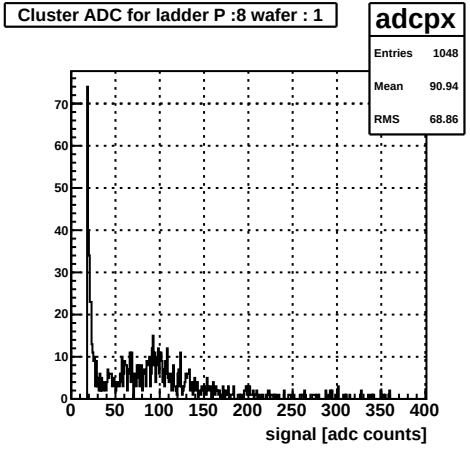

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1520
Mean 79.14
RMS 66.38
signal [adc counts]

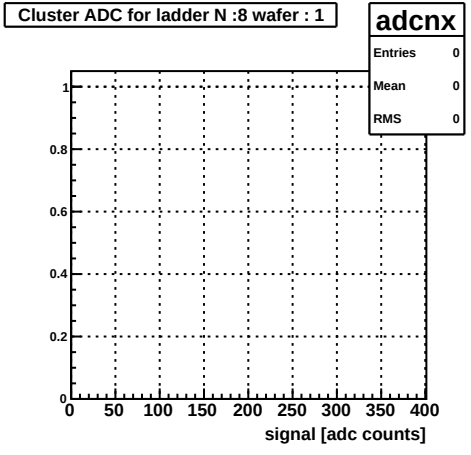

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2081
Mean 80.92
RMS 62.87
signal [adc counts]

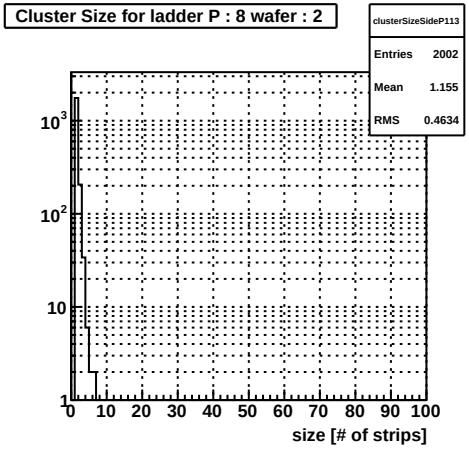

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1048
Mean 1.487
RMS 0.7374
size [# of strips]

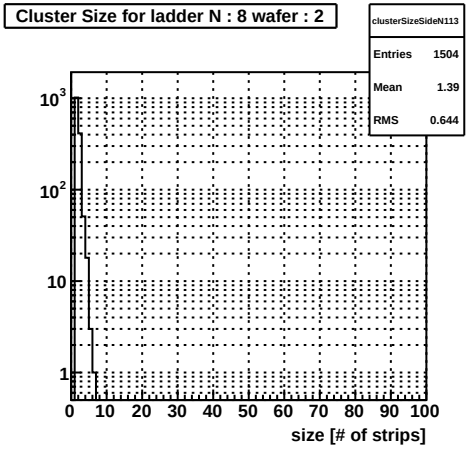

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

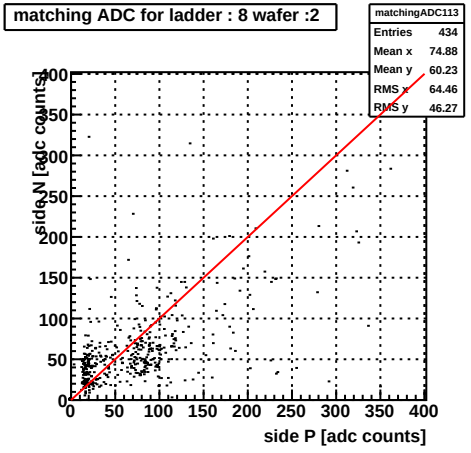

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

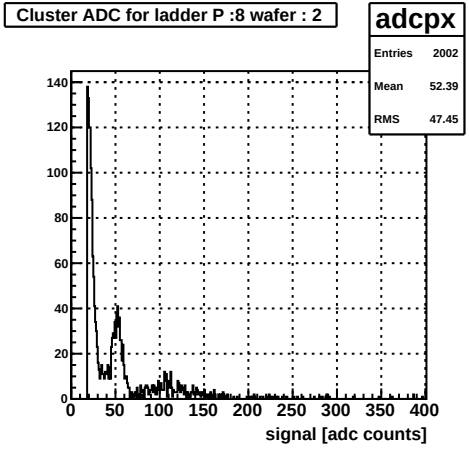

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1048
Mean 90.94
RMS 68.86
signal [adc counts]

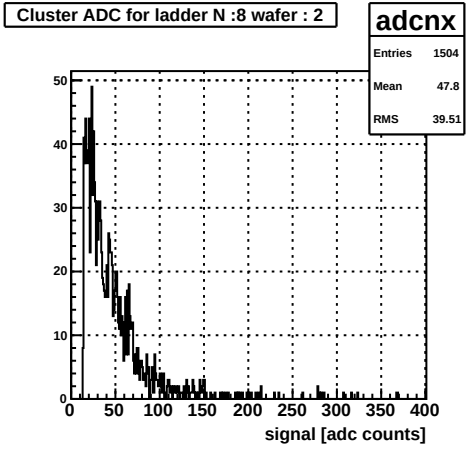

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

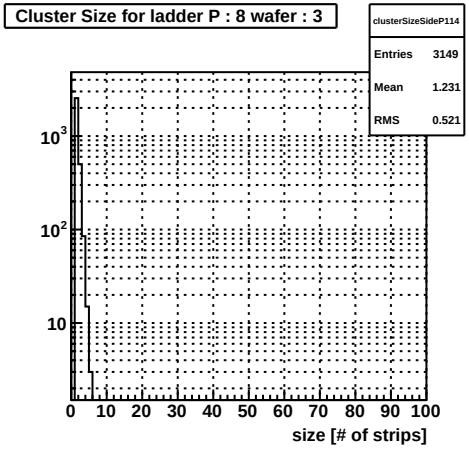

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 2002
Mean 1.155
RMS 0.4634
size [# of strips]

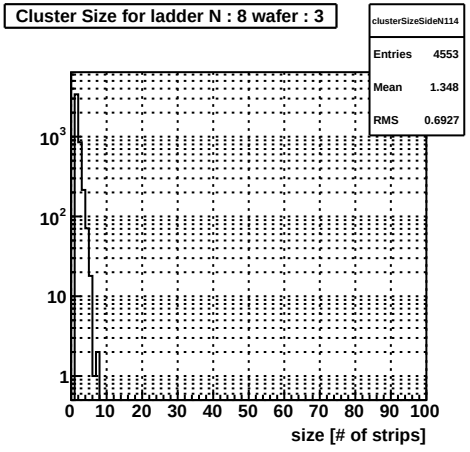

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1504
Mean 1.39
RMS 0.644
size [# of strips]

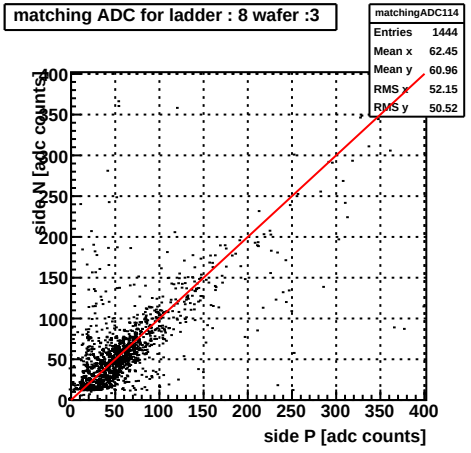

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 434
Mean x 74.88
Mean y 60.23
RMS x 64.46
RMS y 46.27
side N [adc counts]
side P [adc counts]

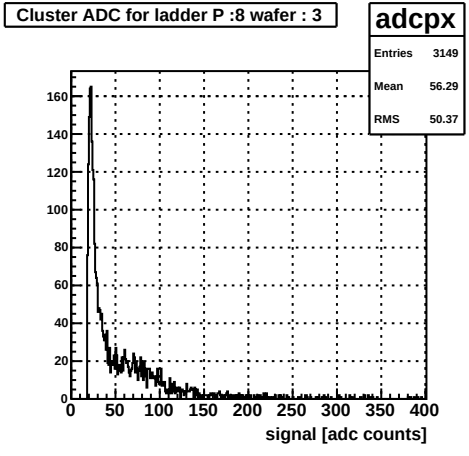

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 2002
Mean 52.39
RMS 47.45
signal [adc counts]

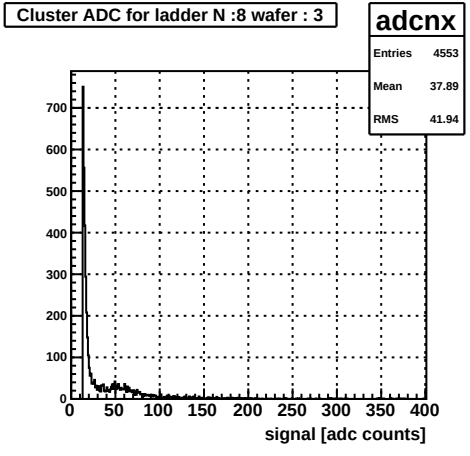

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1504
Mean 47.8
RMS 39.51
signal [adc counts]

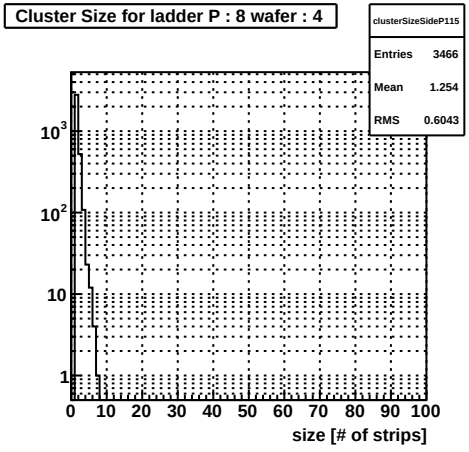

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3149
Mean 1.231
RMS 0.521
size [# of strips]

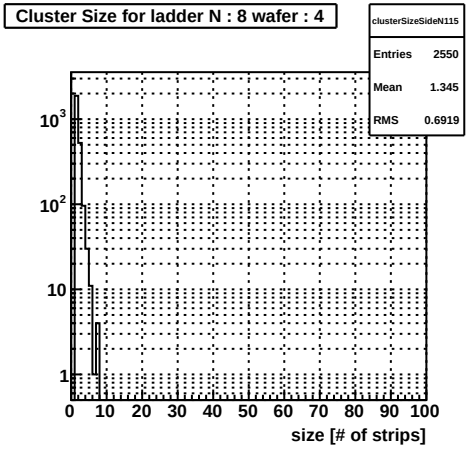

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 4553
Mean 1.348
RMS 0.6927
size [# of strips]

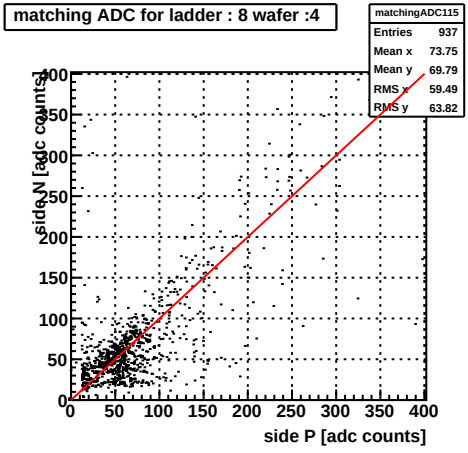

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1444
Mean x 62.45
Mean y 60.96
RMS x 52.15
RMS y 50.52
side N [adc counts]
side P [adc counts]

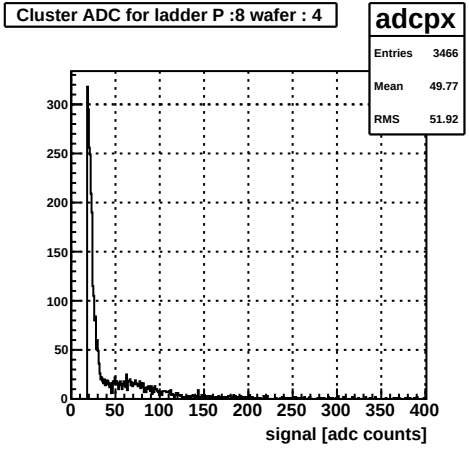

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3149
Mean 56.29
RMS 50.37
signal [adc counts]

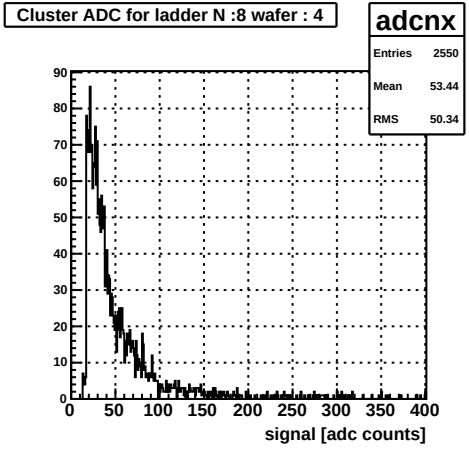

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 4553
Mean 37.89
RMS 41.94
signal [adc counts]

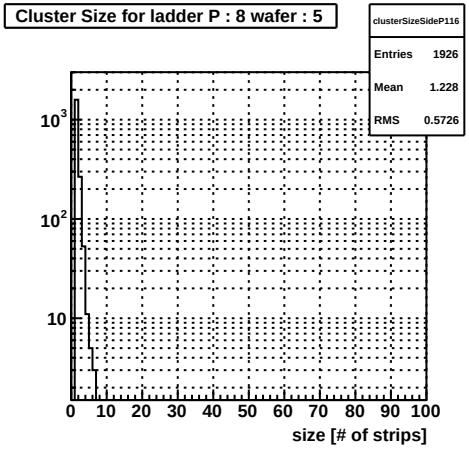

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 3466
Mean 1.254
RMS 0.6043
size [# of strips]

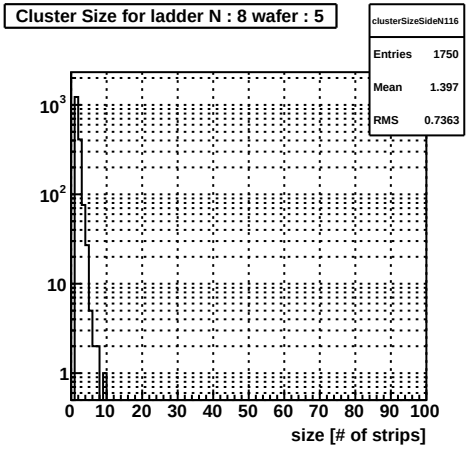

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2550
Mean 1.345
RMS 0.6919
size [# of strips]

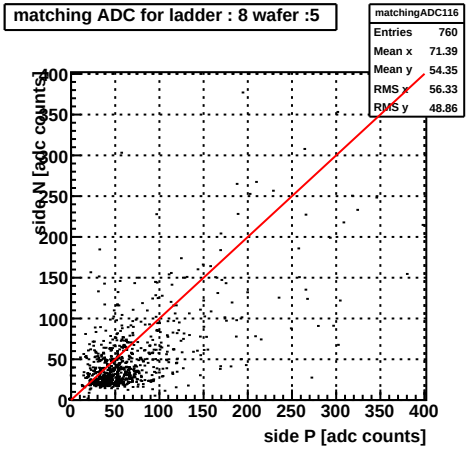

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 937
Mean x 73.75
Mean y 69.79
RMS x 59.49
RMS y 63.82
side N [adc counts]
side P [adc counts]

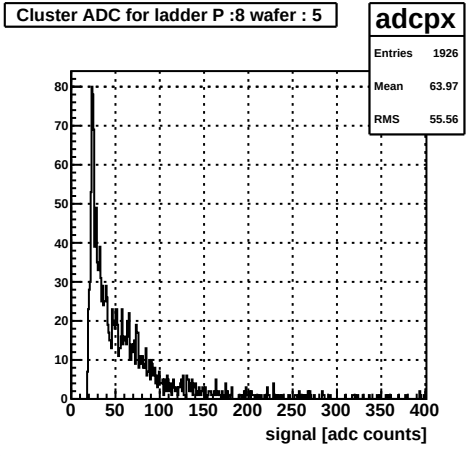

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 3466
Mean 49.77
RMS 51.92
signal [adc counts]

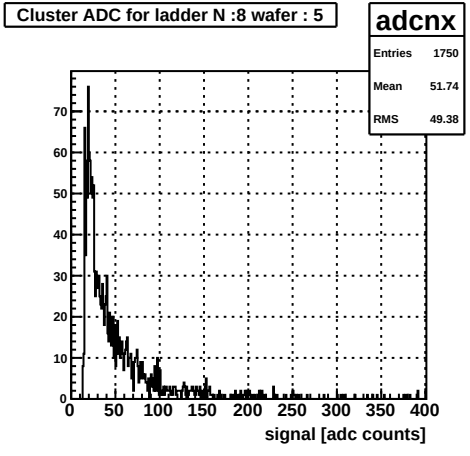

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2550
Mean 53.44
RMS 50.34
signal [adc counts]

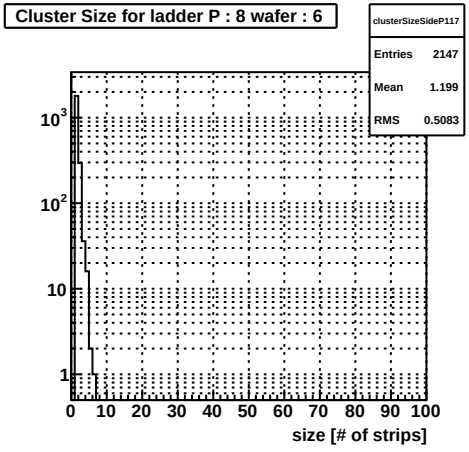

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1926
Mean 1.228
RMS 0.5726
size [# of strips]

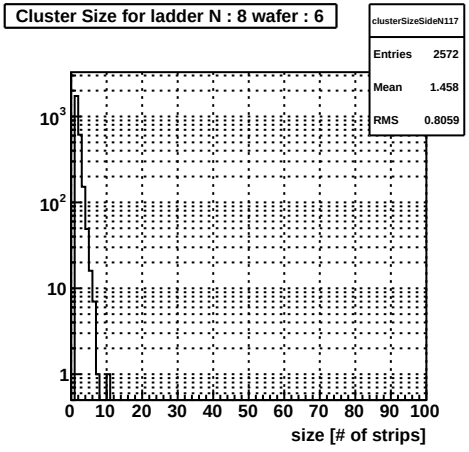

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1750
Mean 1.397
RMS 0.7363
size [# of strips]

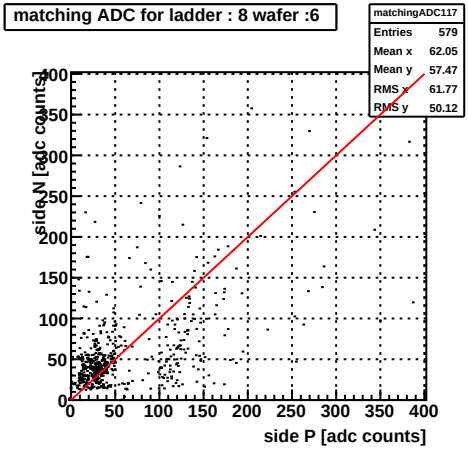

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 760
Mean x 71.39
Mean y 54.35
RMS x 56.33
RMS y 48.86
side N [adc counts]
side P [adc counts]

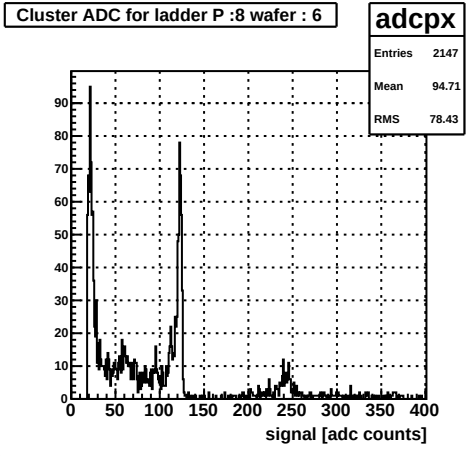

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1926
Mean 63.97
RMS 55.56
signal [adc counts]

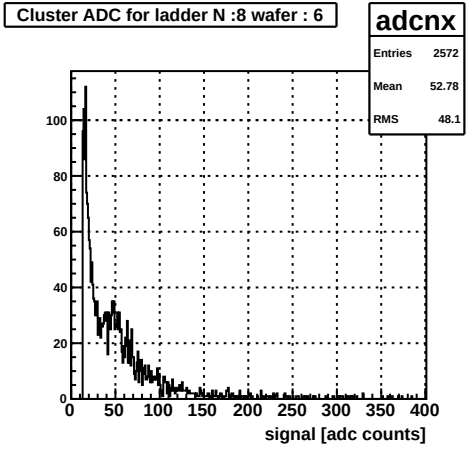

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1750
Mean 51.74
RMS 49.38
signal [adc counts]

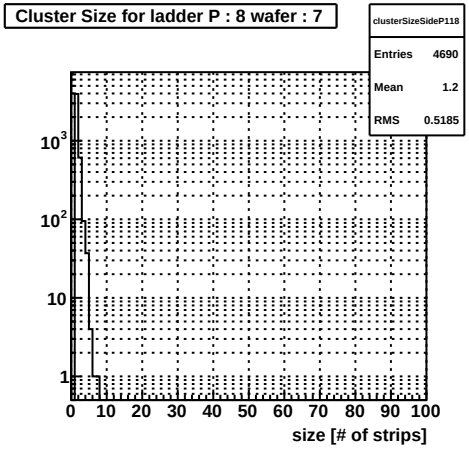

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 2147
Mean 1.199
RMS 0.5083
size [# of strips]

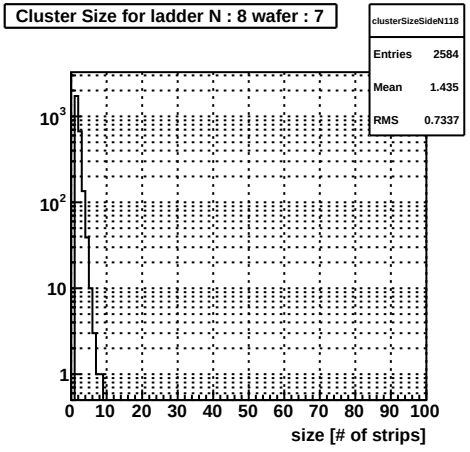

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2572
Mean 1.458
RMS 0.8059
size [# of strips]

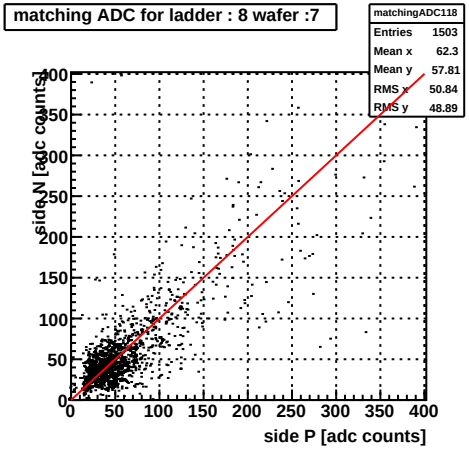

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 579
Mean x 62.05
Mean y 57.47
RMS x 61.77
RMS y 50.12
side N [adc counts]
side P [adc counts]

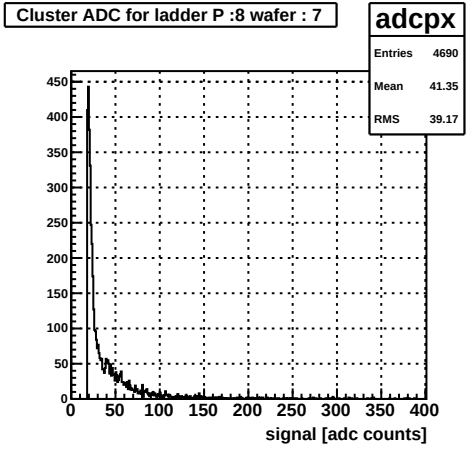

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 2147
Mean 94.71
RMS 78.43
signal [adc counts]

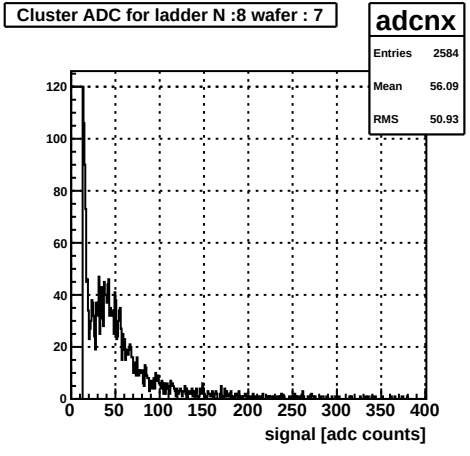

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2572
Mean 52.78
RMS 48.1
signal [adc counts]

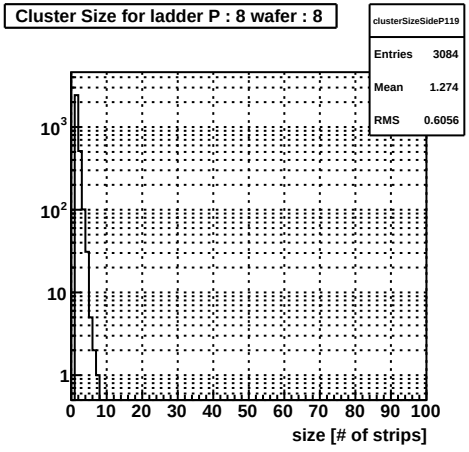

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 4690
Mean 1.2
RMS 0.5185
size [# of strips]

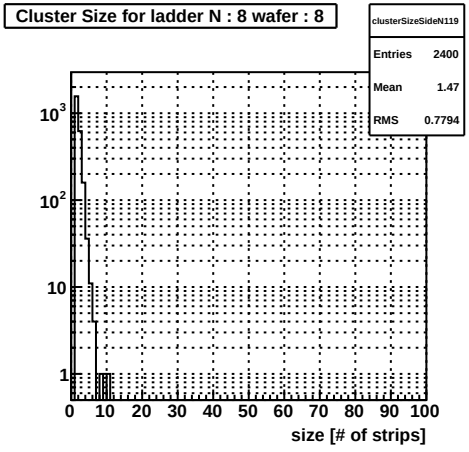

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2584
Mean 1.435
RMS 0.7337
size [# of strips]

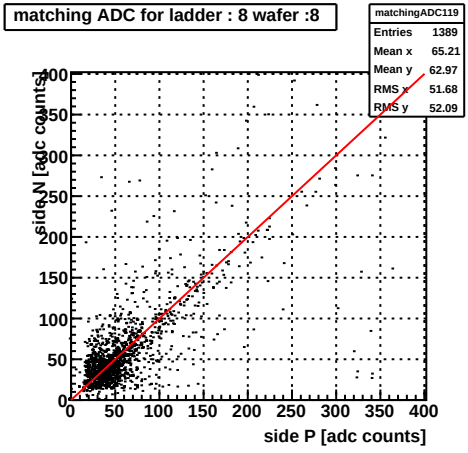

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1503
Mean x 62.3
Mean y 57.81
RMS x 50.84
RMS y 48.89
side N [adc counts]
side P [adc counts]

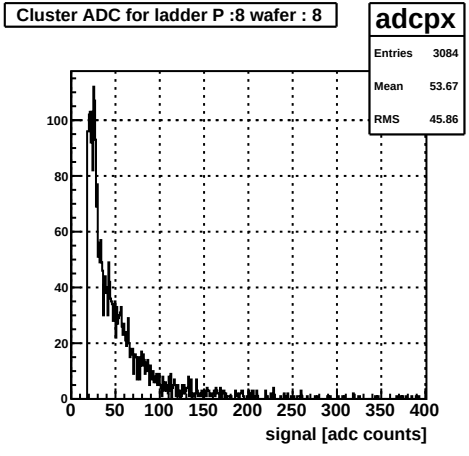

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 4690
Mean 41.35
RMS 39.17
signal [adc counts]

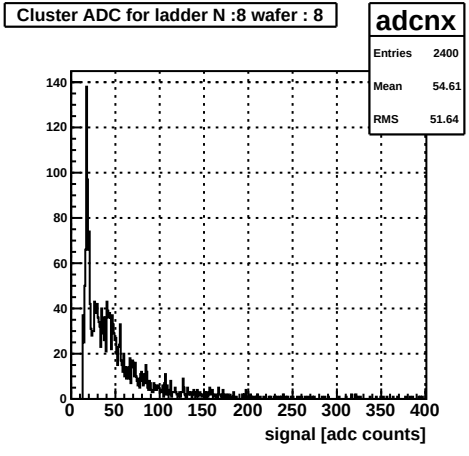

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2584
Mean 56.09
RMS 50.93
signal [adc counts]

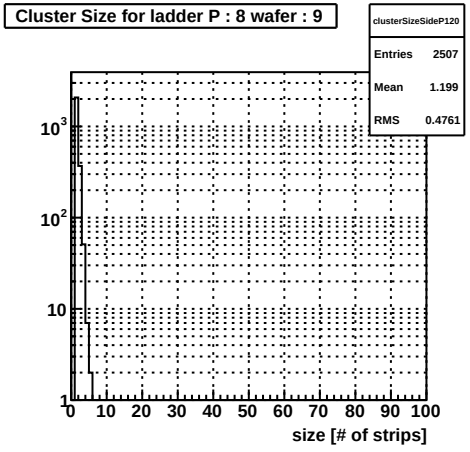

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 3084
Mean 1.274
RMS 0.6056
size [# of strips]

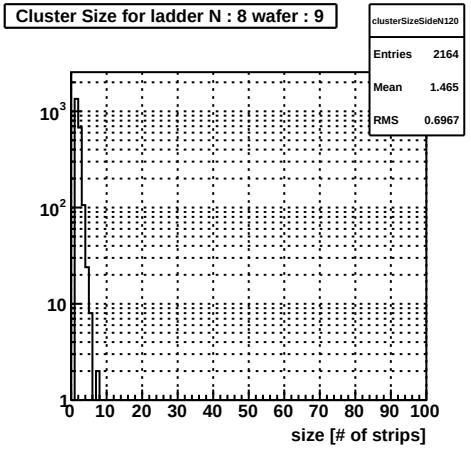

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2400
Mean 1.47
RMS 0.7794
size [# of strips]

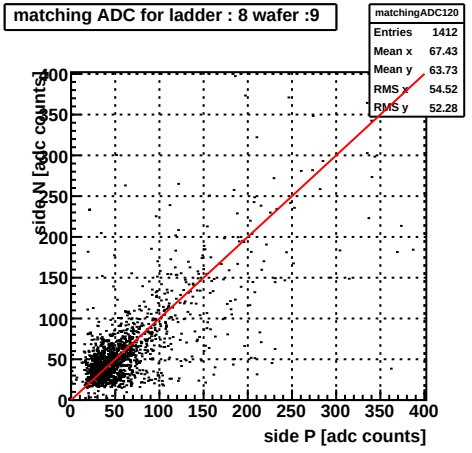

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1389
Mean x 65.21
Mean y 62.97
RMS x 51.68
RMS y 52.09
side N [adc counts]
side P [adc counts]

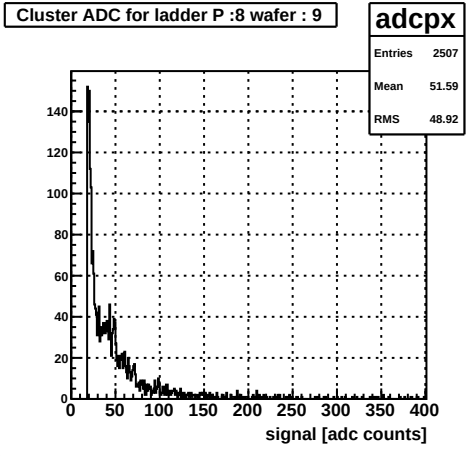

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 3084
Mean 53.67
RMS 45.86
signal [adc counts]

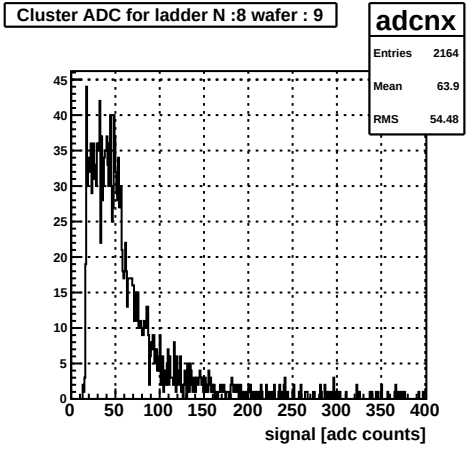

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2400
Mean 54.61
RMS 51.64
signal [adc counts]

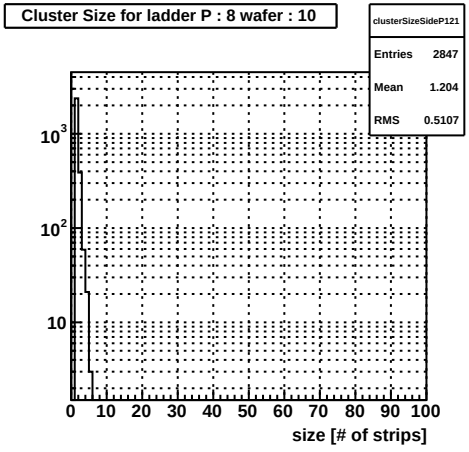

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2507
Mean 1.199
RMS 0.4761
size [# of strips]

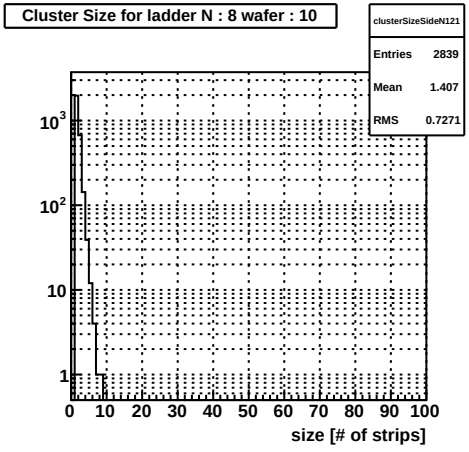

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2164
Mean 1.465
RMS 0.6967
size [# of strips]

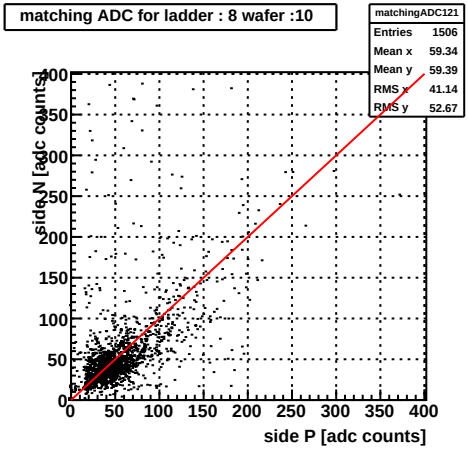

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1412
Mean x 67.43
Mean y 63.73
RMS x 54.52
RMS y 52.28
side N [adc counts]
side P [adc counts]

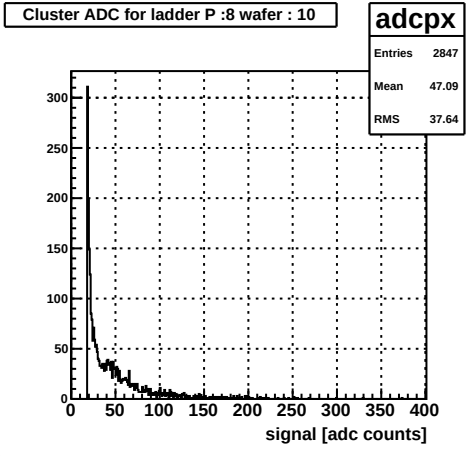

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2507
Mean 51.59
RMS 48.92
signal [adc counts]

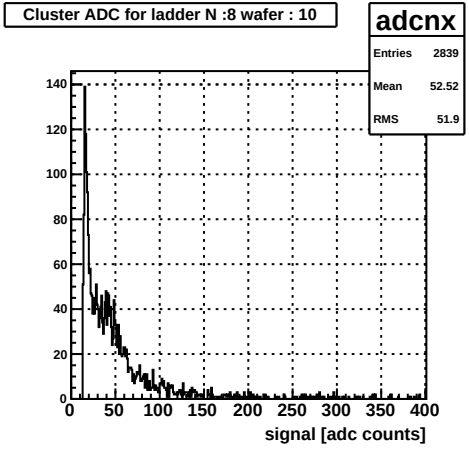

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2164
Mean 63.9
RMS 54.48
signal [adc counts]

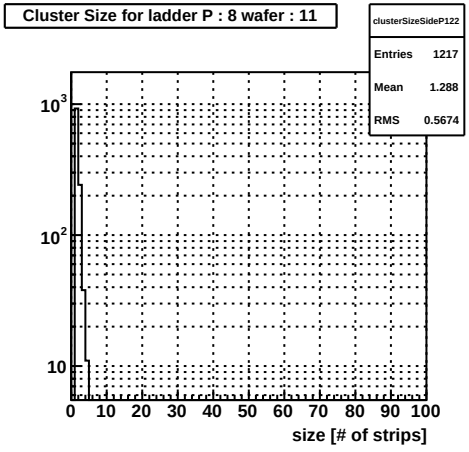

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2847
Mean 1.204
RMS 0.5107
size [# of strips]

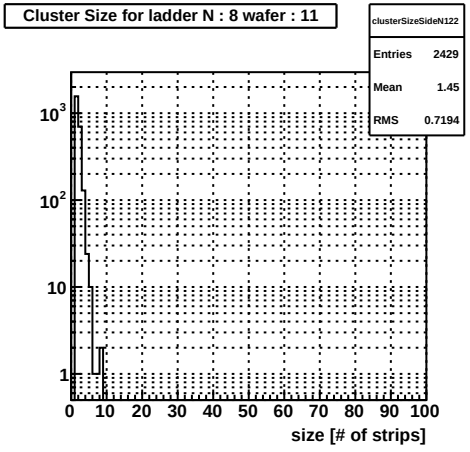

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2839
Mean 1.407
RMS 0.7271
size [# of strips]

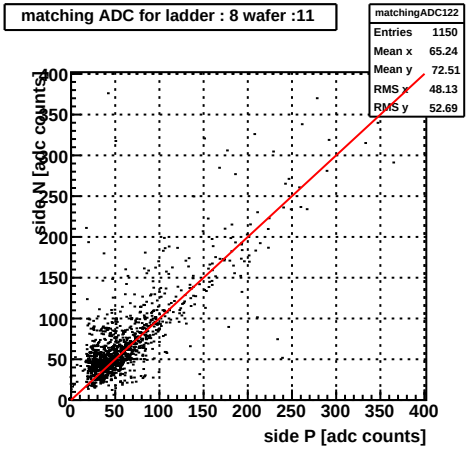

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1506
Mean x 59.34
Mean y 59.39
RMS x 41.14
RMS y 52.67
side N [adc counts]
side P [adc counts]

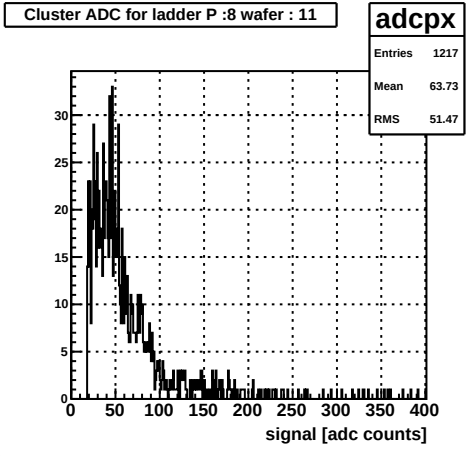

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2847
Mean 47.09
RMS 37.64
signal [adc counts]

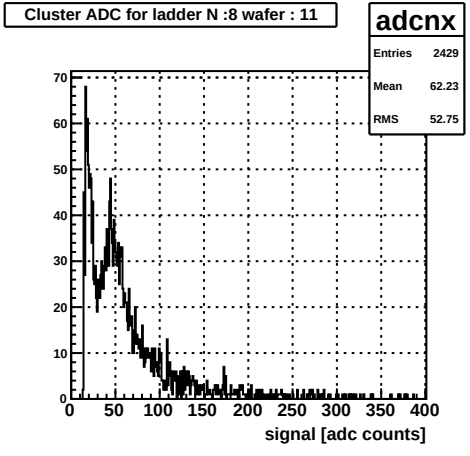

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2839
Mean 52.52
RMS 51.9
signal [adc counts]

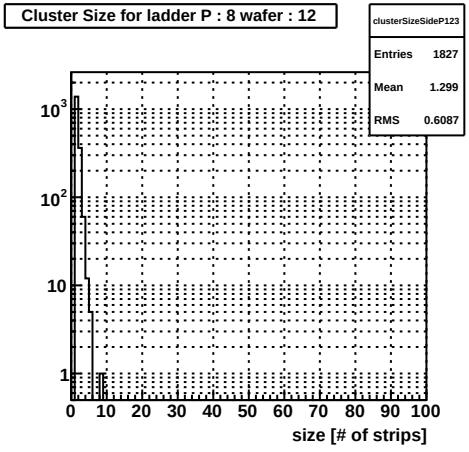

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1217
Mean 1.288
RMS 0.5674
size [# of strips]

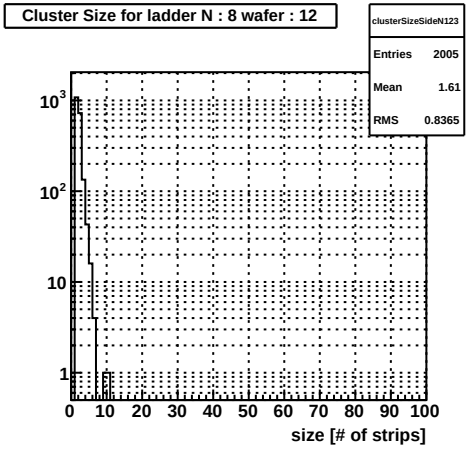

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2429
Mean 1.45
RMS 0.7194
size [# of strips]

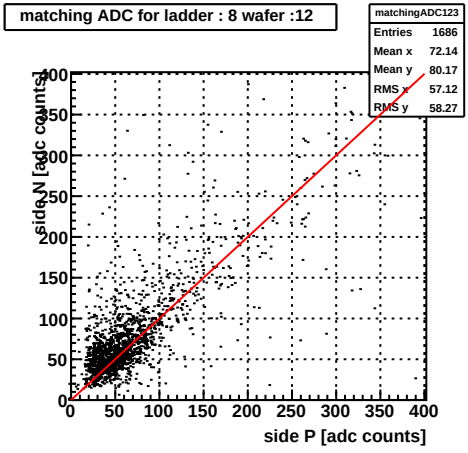

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1150
Mean x 65.24
Mean y 72.51
RMS x 48.13
RMS y 52.69
side N [adc counts]
side P [adc counts]

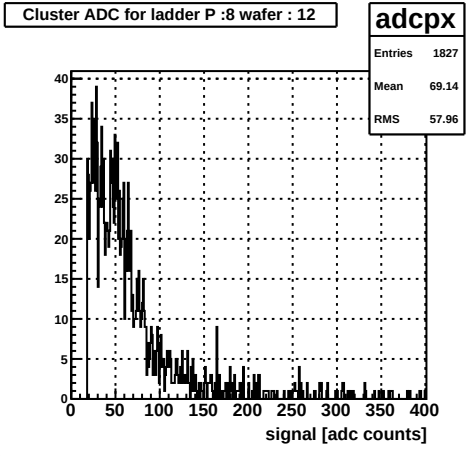

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1217
Mean 63.73
RMS 51.47
signal [adc counts]

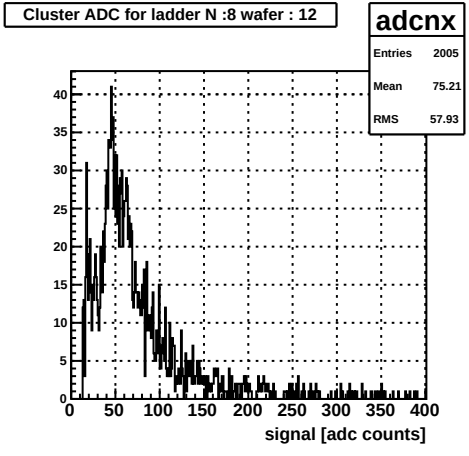

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2429
Mean 62.23
RMS 52.75
signal [adc counts]

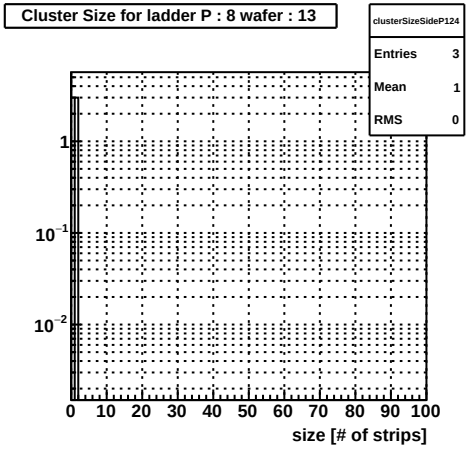

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1827
Mean 1.299
RMS 0.6087
size [# of strips]

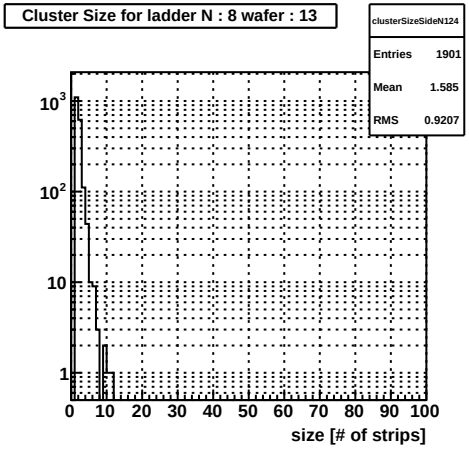

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2005
Mean 1.61
RMS 0.8365
size [# of strips]

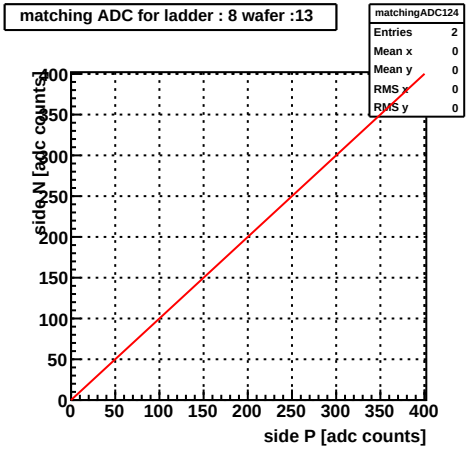

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1686
Mean x 72.14
Mean y 80.17
RMS x 57.12
RMS y 58.27
side N [adc counts]
side P [adc counts]

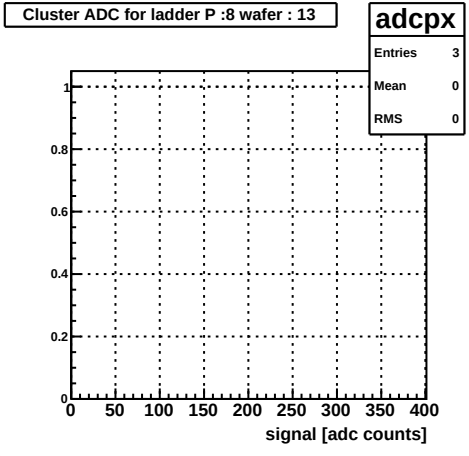

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1827
Mean 69.14
RMS 57.96
signal [adc counts]

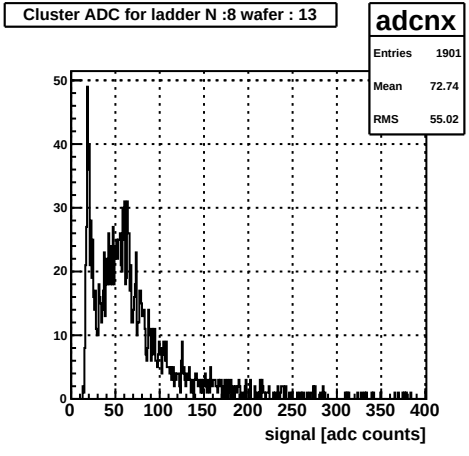

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2005
Mean 75.21
RMS 57.93
signal [adc counts]

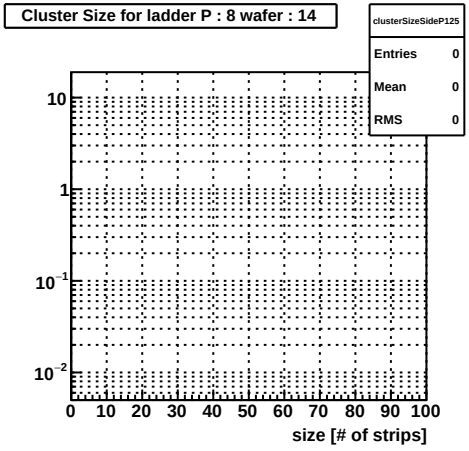

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 3
Mean 1
RMS 0
size [# of strips]

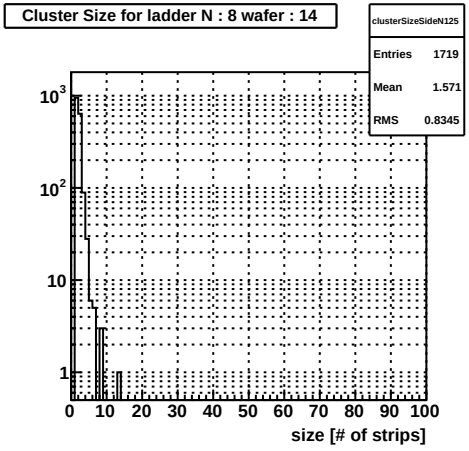

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1901
Mean 1.585
RMS 0.9207
size [# of strips]

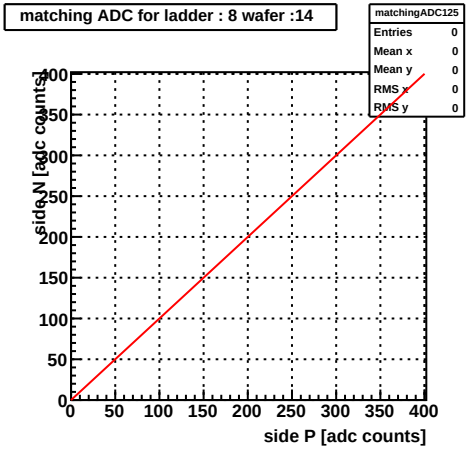

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

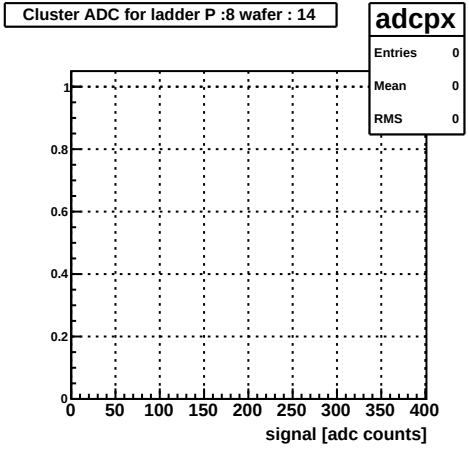

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

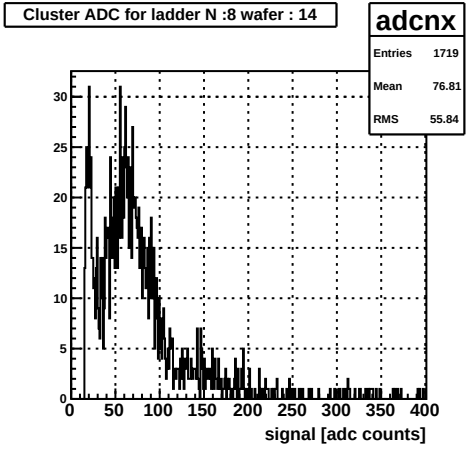

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1901
Mean 72.74
RMS 55.02
signal [adc counts]

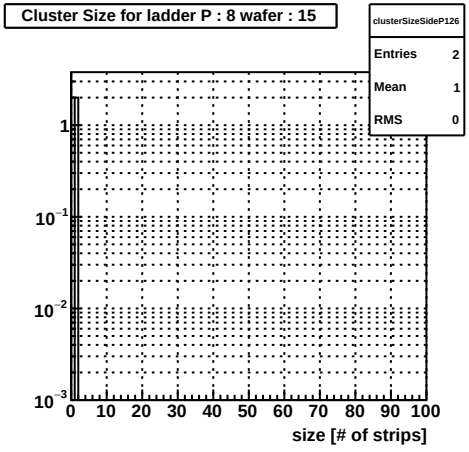

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

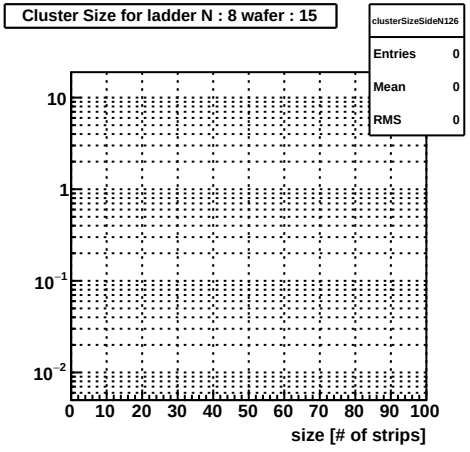

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1719
Mean 1.571
RMS 0.8345
size [# of strips]

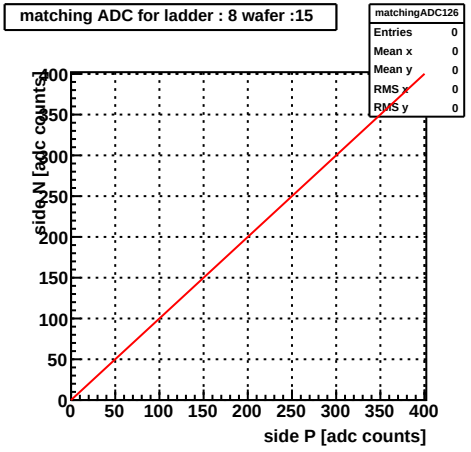

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

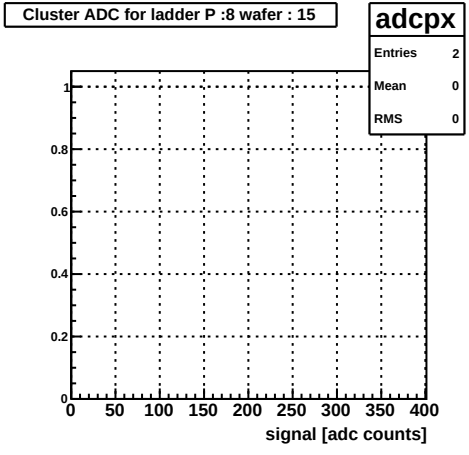

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

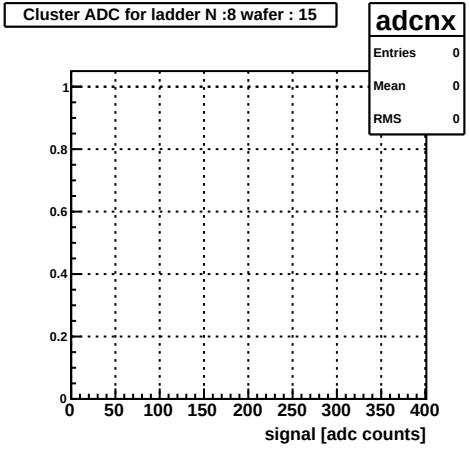

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1719
Mean 76.81
RMS 55.84
signal [adc counts]

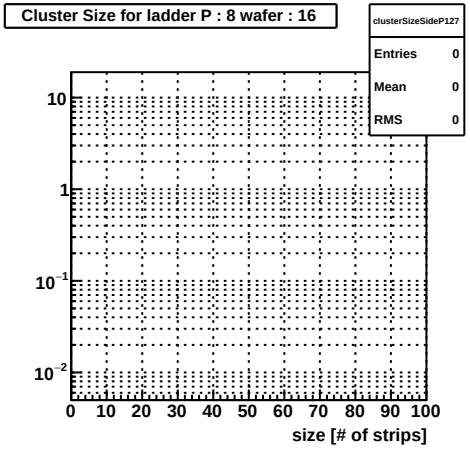

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

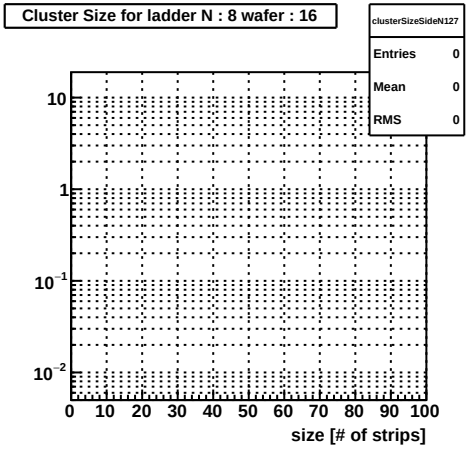

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

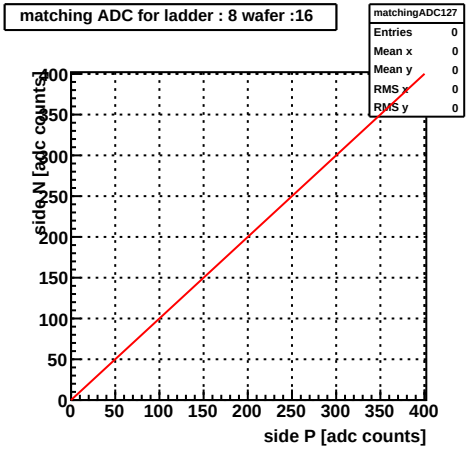

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

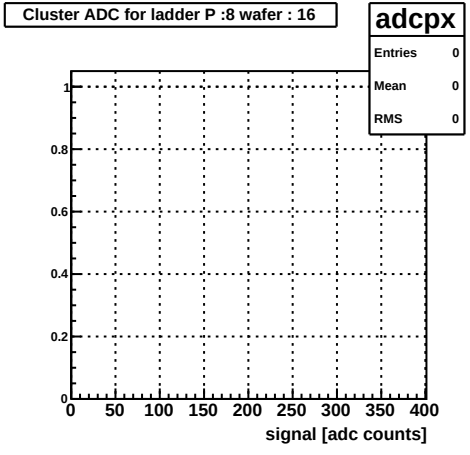

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

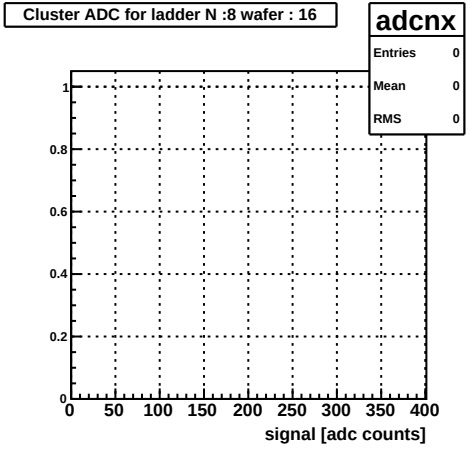

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

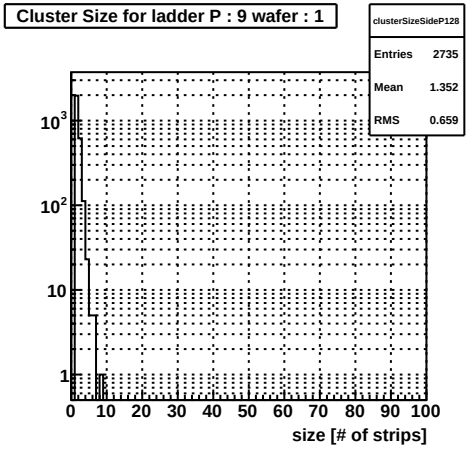

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

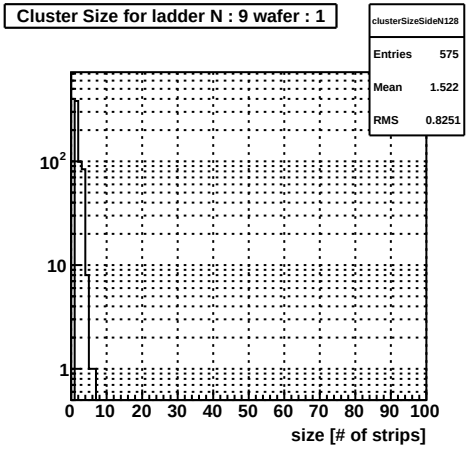

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

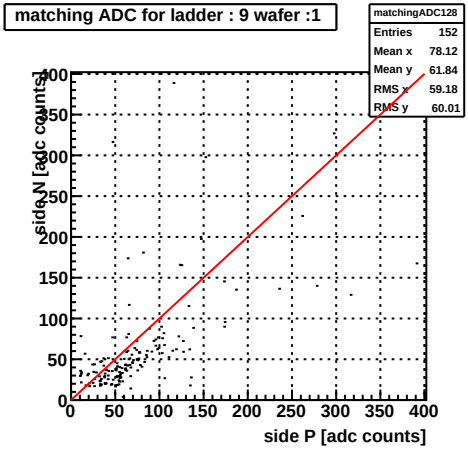

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

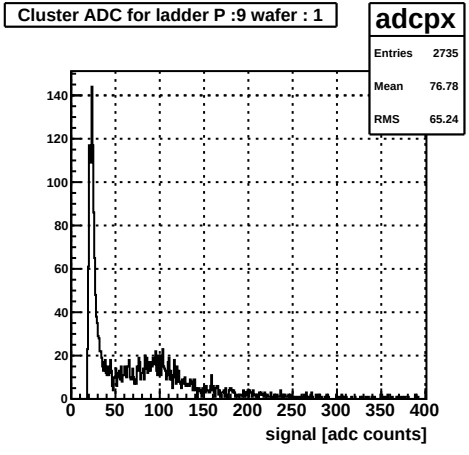

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

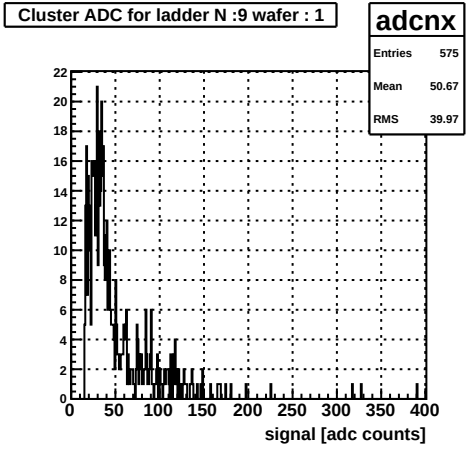

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

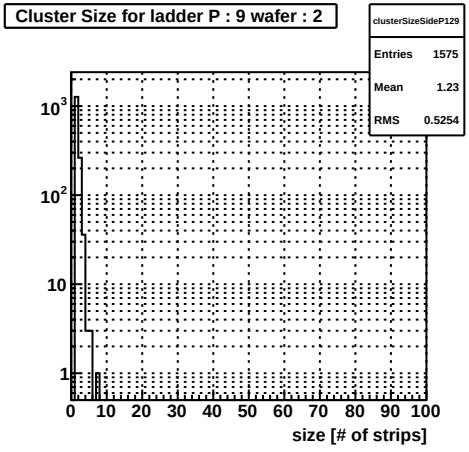

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 2735
Mean 1.352
RMS 0.659
size [# of strips]

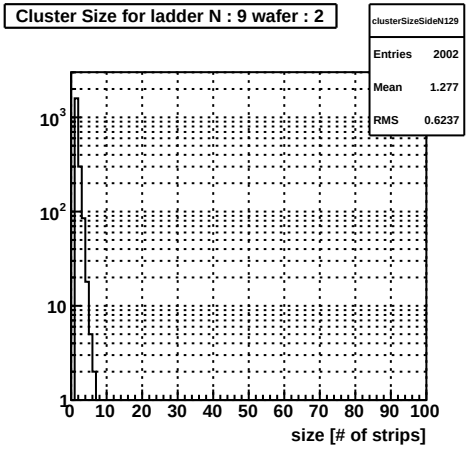

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 575
Mean 1.522
RMS 0.8251
size [# of strips]

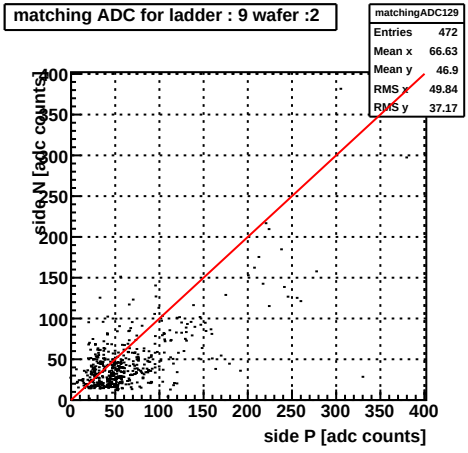

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 152
Mean x 78.12
Mean y 61.84
RMS x 59.18
RMS y 60.01
side N [adc counts]
side P [adc counts]

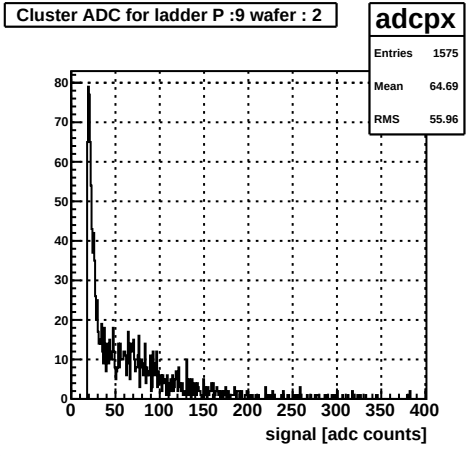

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 2735
Mean 76.78
RMS 65.24
signal [adc counts]

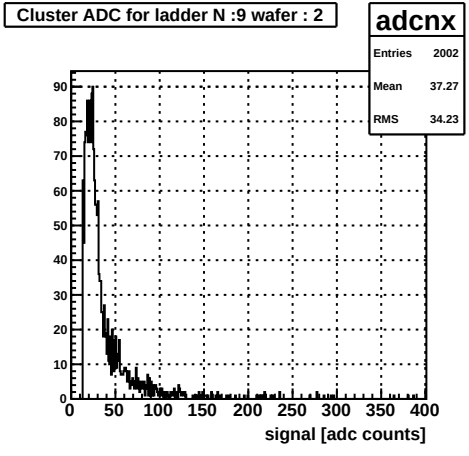

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 575
Mean 50.67
RMS 39.97
signal [adc counts]

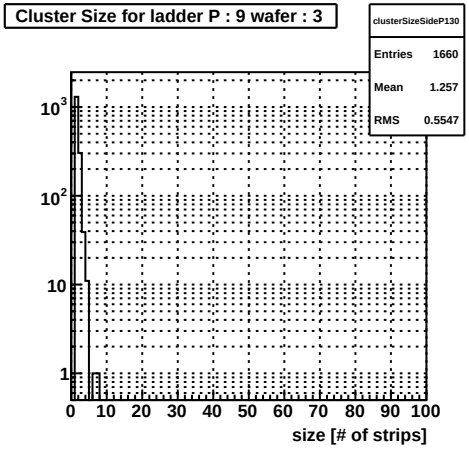

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1575
Mean 1.23
RMS 0.5254
size [# of strips]

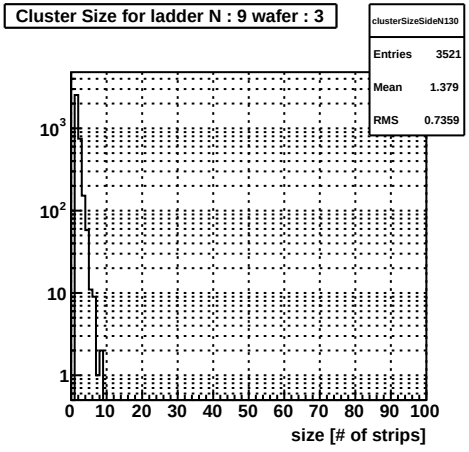

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2002
Mean 1.277
RMS 0.6237
size [# of strips]

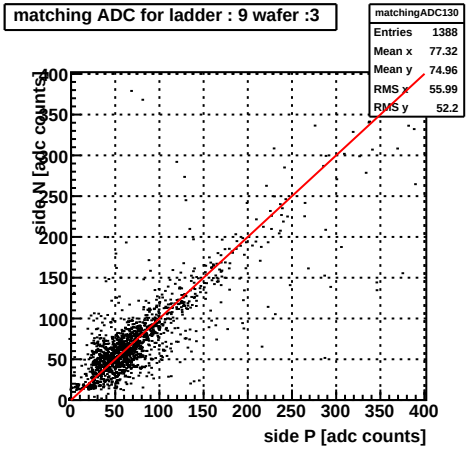

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 472
Mean x 66.63
Mean y 46.9
RMS x 49.84
RMS y 37.17
side N [adc counts]
side P [adc counts]

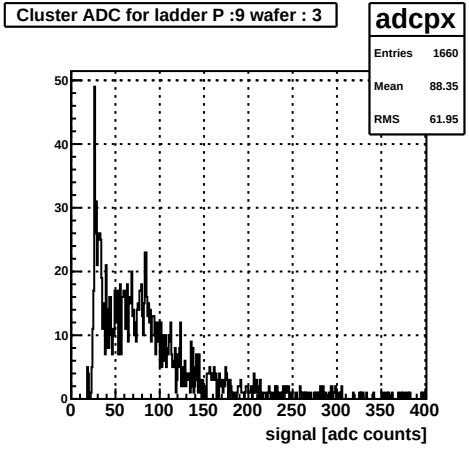

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1575
Mean 64.69
RMS 55.96
signal [adc counts]

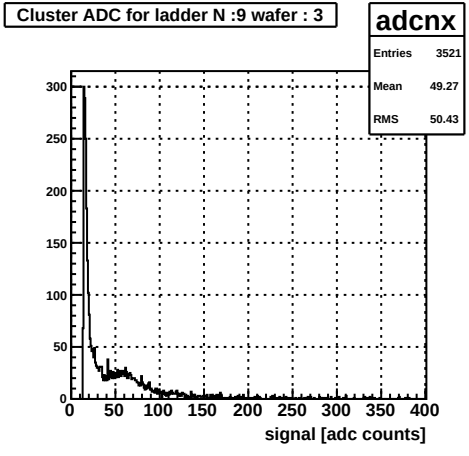

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2002
Mean 37.27
RMS 34.23
signal [adc counts]

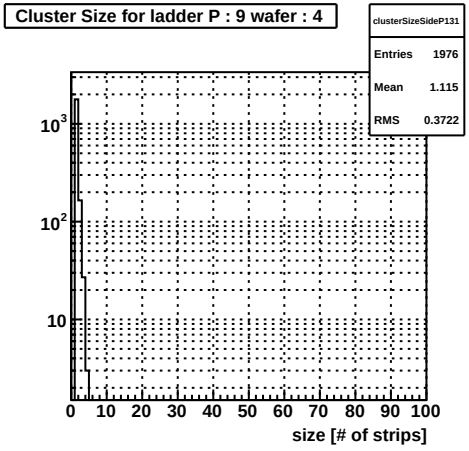

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1660
Mean 1.257
RMS 0.5547
size [# of strips]

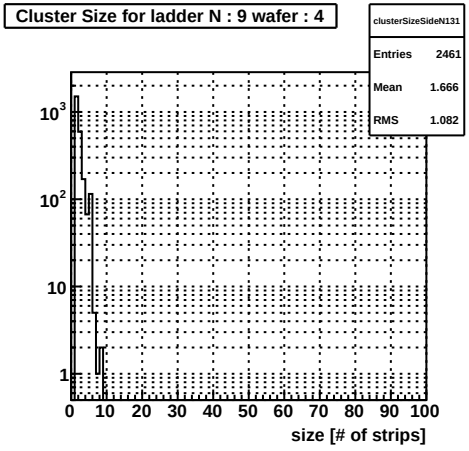

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 3521
Mean 1.379
RMS 0.7359
size [# of strips]

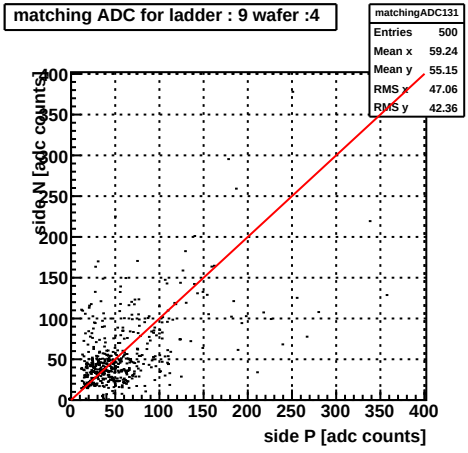

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1388
Mean x 77.32
Mean y 74.96
RMS x 55.99
RMS y 52.2
side N [adc counts]
side P [adc counts]

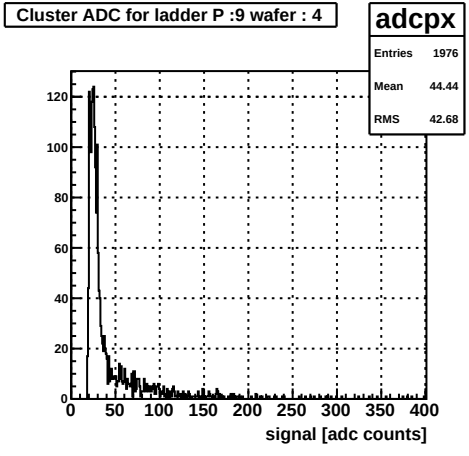

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1660
Mean 88.35
RMS 61.95
signal [adc counts]

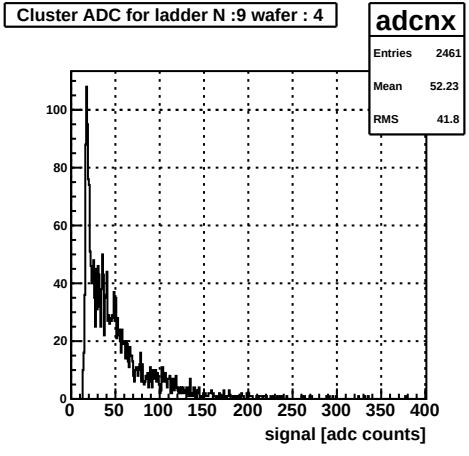

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 3521
Mean 49.27
RMS 50.43
signal [adc counts]

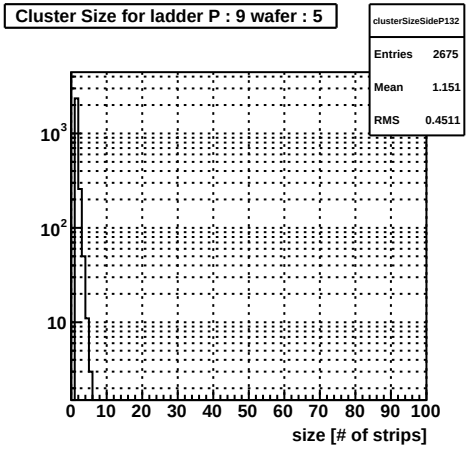

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 1976
Mean 1.115
RMS 0.3722
size [# of strips]

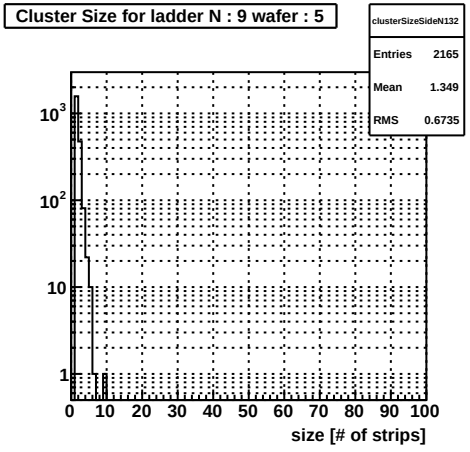

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2461
Mean 1.666
RMS 1.082
size [# of strips]

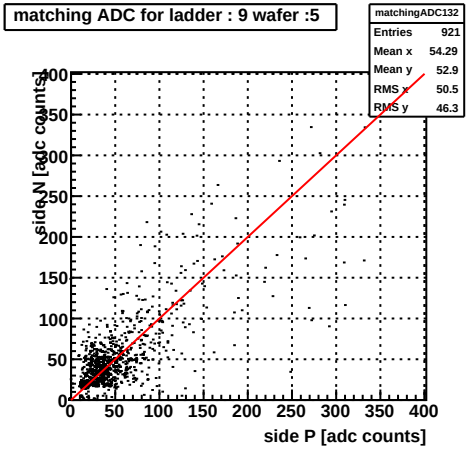

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 500
Mean x 59.24
Mean y 55.15
RMS x 47.06
RMS y 42.36
side N [adc counts]
side P [adc counts]

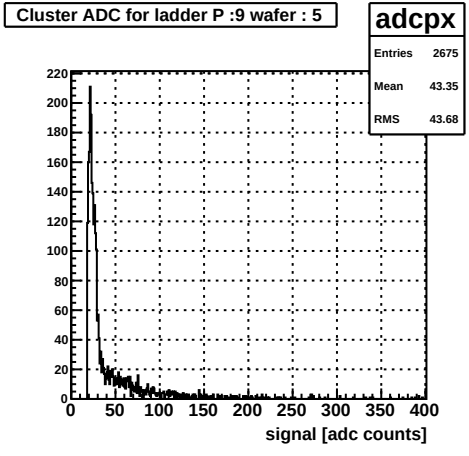

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 1976
Mean 44.44
RMS 42.68
signal [adc counts]

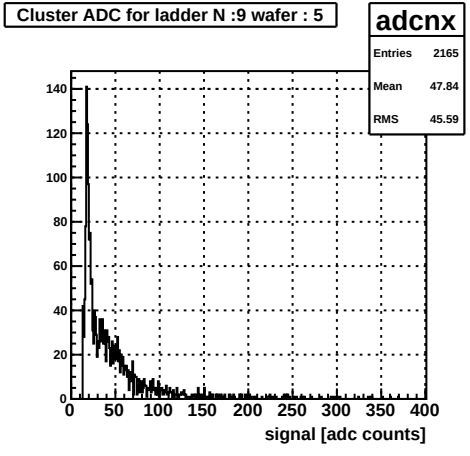

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2461
Mean 52.23
RMS 41.8
signal [adc counts]

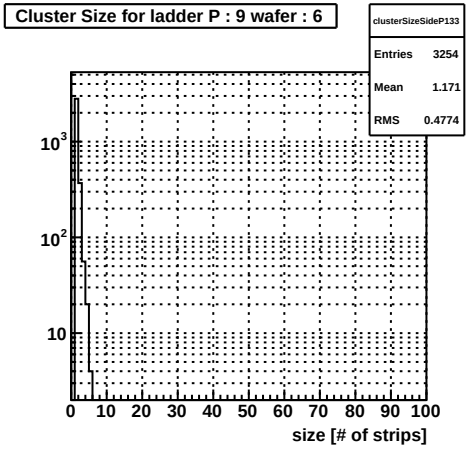

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 2675
Mean 1.151
RMS 0.4511
size [# of strips]

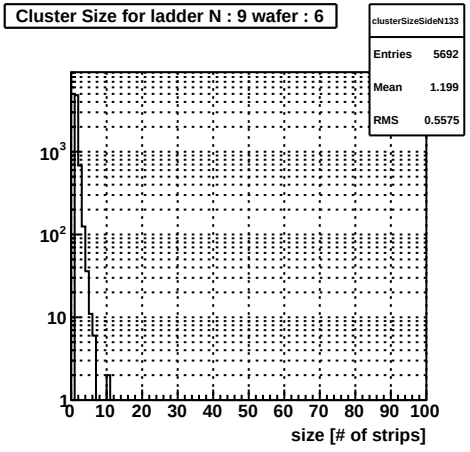

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2165
Mean 1.349
RMS 0.6735
size [# of strips]

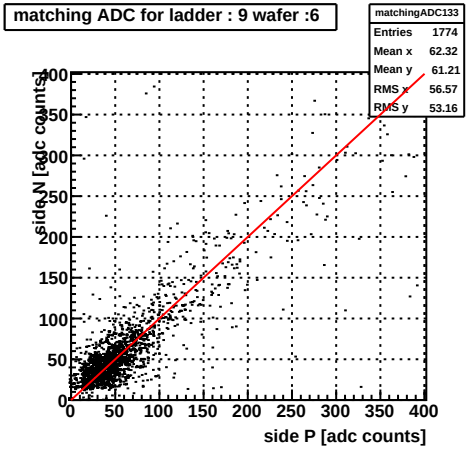

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 921
Mean x 54.29
Mean y 52.9
RMS x 50.5
RMS y 46.3
side N [adc counts]
side P [adc counts]

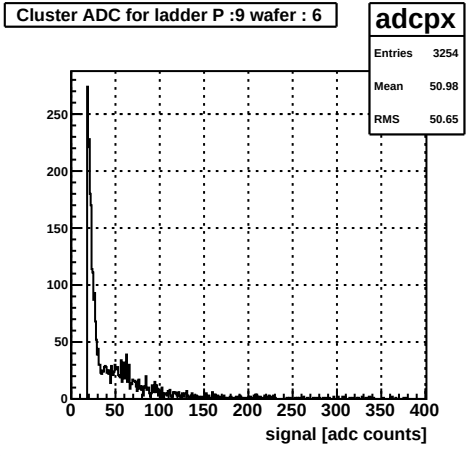

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 2675
Mean 43.35
RMS 43.68
signal [adc counts]

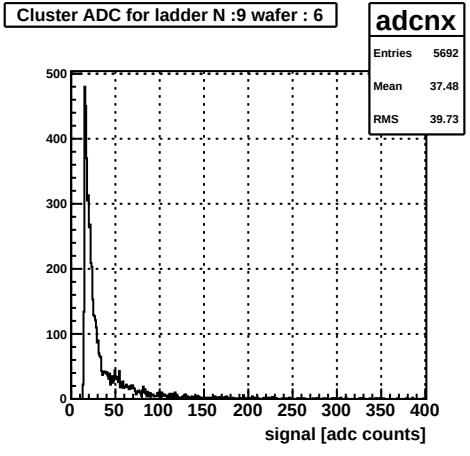

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2165
Mean 47.84
RMS 45.59
signal [adc counts]

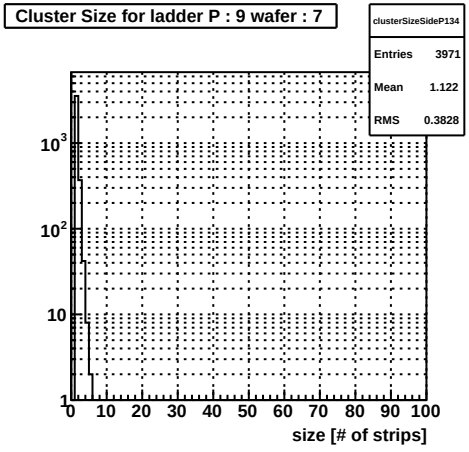

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 3254
Mean 1.171
RMS 0.4774
size [# of strips]

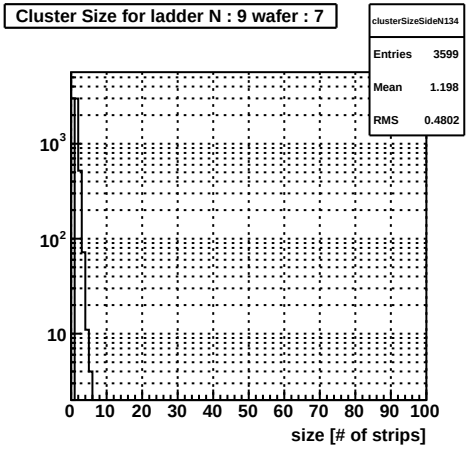

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 5692
Mean 1.199
RMS 0.5575
size [# of strips]

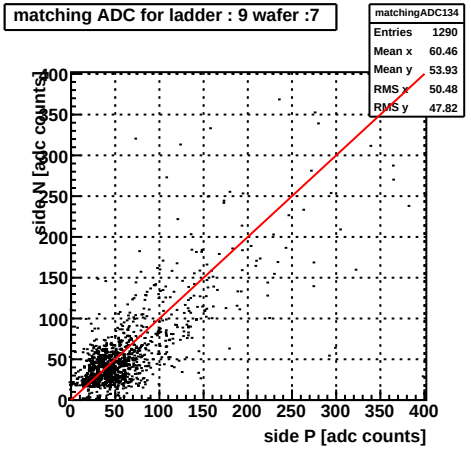

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1774
Mean x 62.32
Mean y 61.21
RMS x 56.57
RMS y 53.16
side N [adc counts]
side P [adc counts]

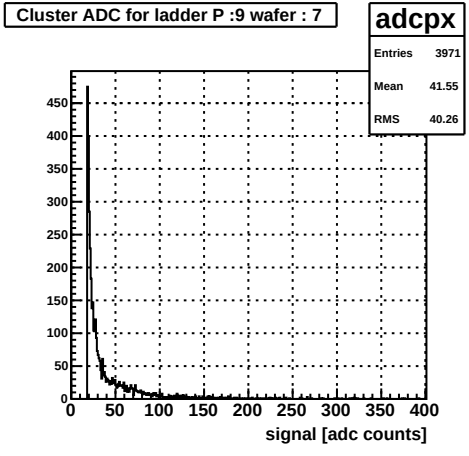

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 3254
Mean 50.98
RMS 50.65
signal [adc counts]

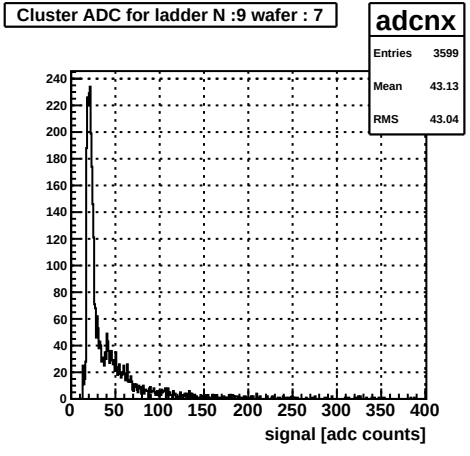

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 5692
Mean 37.48
RMS 39.73
signal [adc counts]

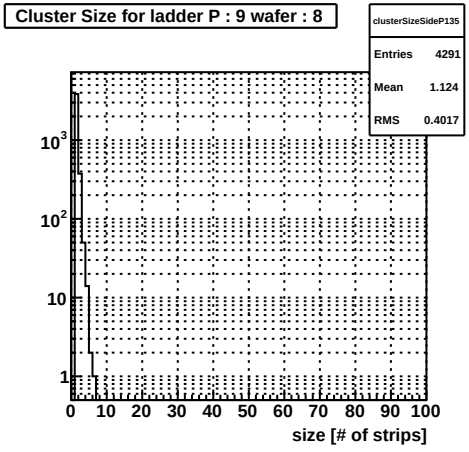

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 3971
Mean 1.122
RMS 0.3828
size [# of strips]

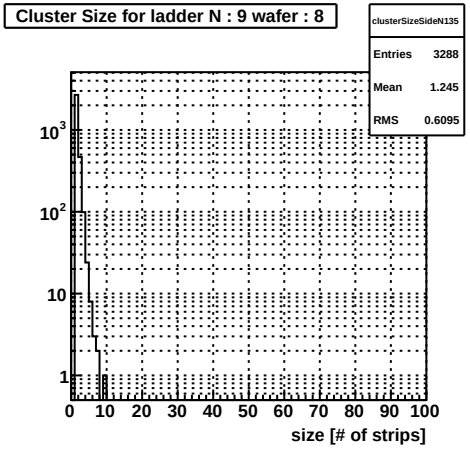

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 3599
Mean 1.198
RMS 0.4802
size [# of strips]

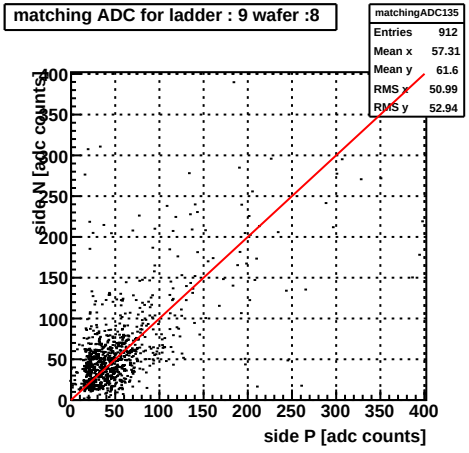

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1290
Mean x 60.46
Mean y 53.93
RMS x 50.48
RMS y 47.82
side N [adc counts]
side P [adc counts]

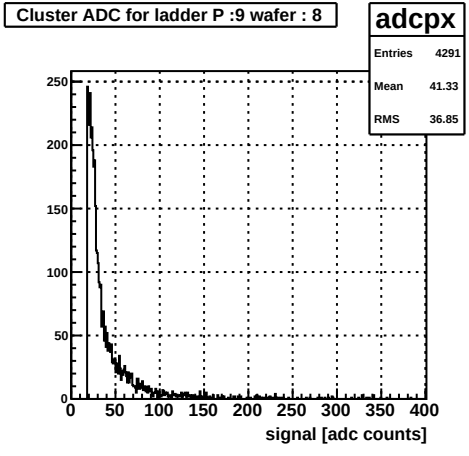

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 3971
Mean 41.55
RMS 40.26
signal [adc counts]

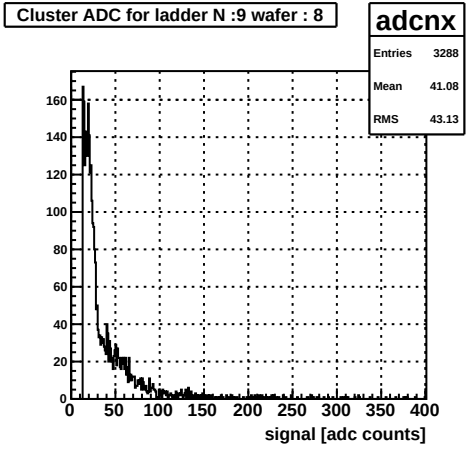

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 3599
Mean 43.13
RMS 43.04
signal [adc counts]

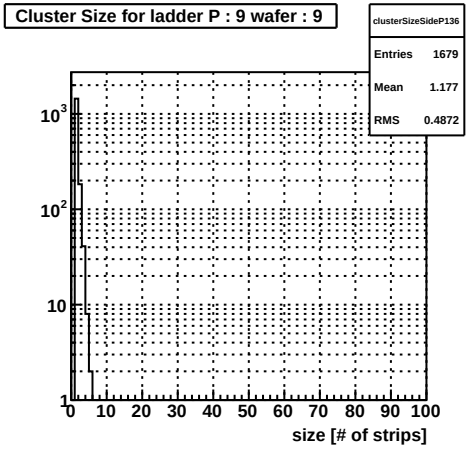

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 4291
Mean 1.124
RMS 0.4017
size [# of strips]

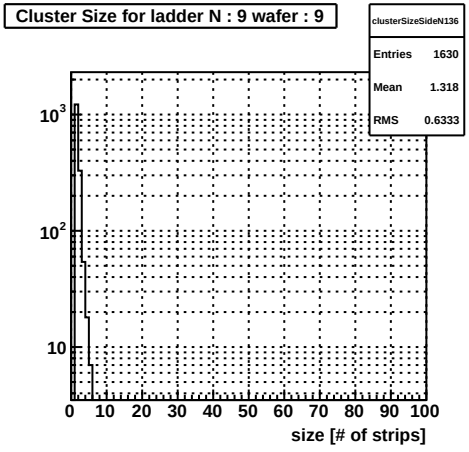

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3288
Mean 1.245
RMS 0.6095
size [# of strips]

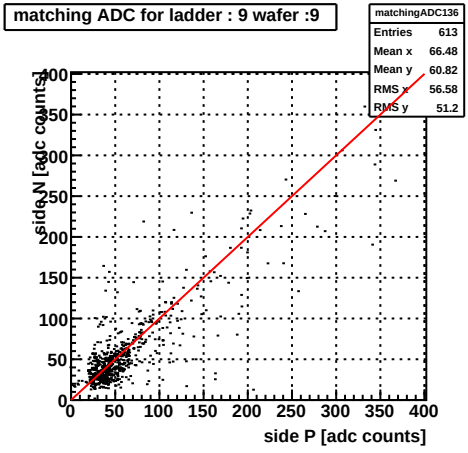

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 912
Mean x 57.31
Mean y 61.6
RMS x 50.99
RMS y 52.94
side N [adc counts]
side P [adc counts]

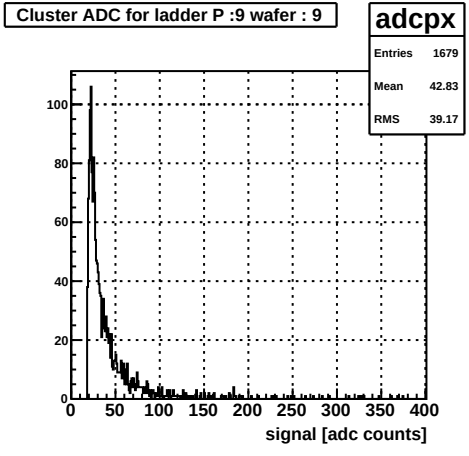

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 4291
Mean 41.33
RMS 36.85
signal [adc counts]

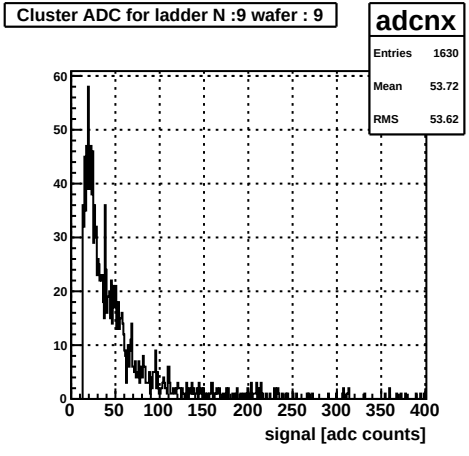

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3288
Mean 41.08
RMS 43.13
signal [adc counts]

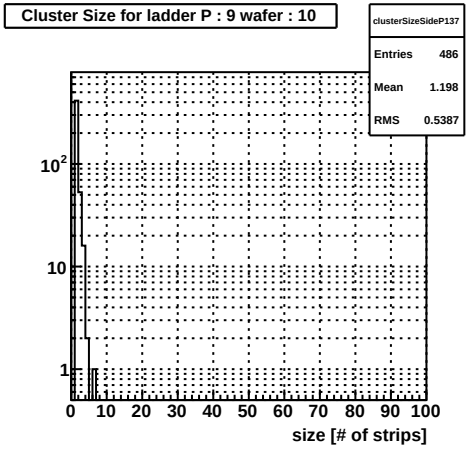

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1679
Mean 1.177
RMS 0.4872
size [# of strips]

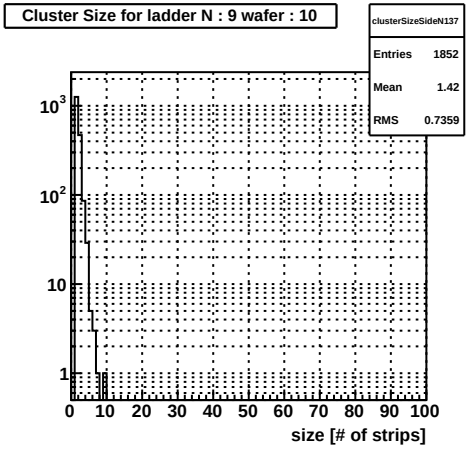

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1630
Mean 1.318
RMS 0.6333
size [# of strips]

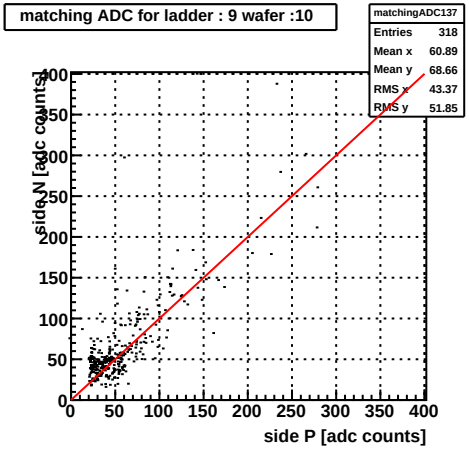

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 613
Mean x 66.48
Mean y 60.82
RMS x 56.58
RMS y 51.2
side N [adc counts]
side P [adc counts]

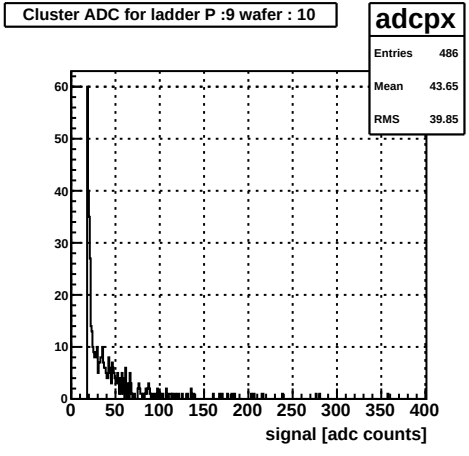

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1679
Mean 42.83
RMS 39.17
signal [adc counts]

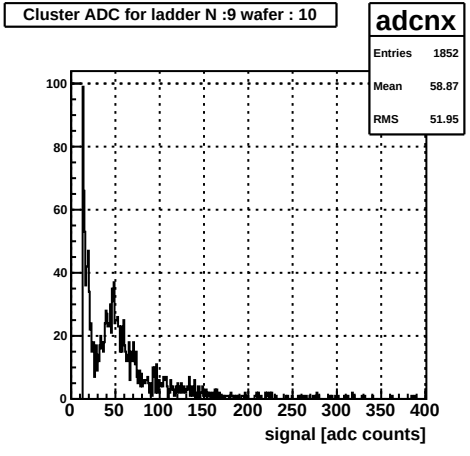

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1630
Mean 53.72
RMS 53.62
signal [adc counts]

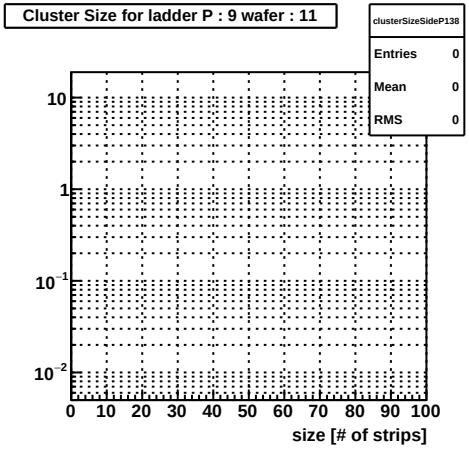

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 486
Mean 1.198
RMS 0.5387
size [# of strips]

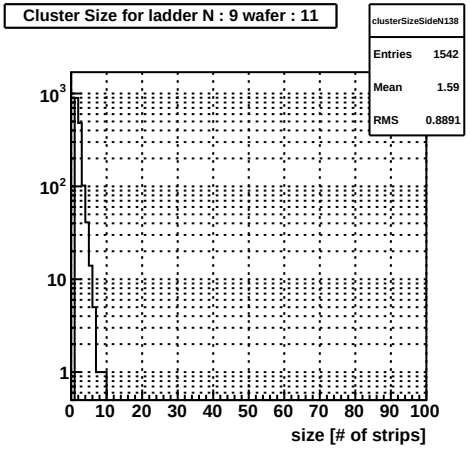

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1852
Mean 1.42
RMS 0.7359
size [# of strips]

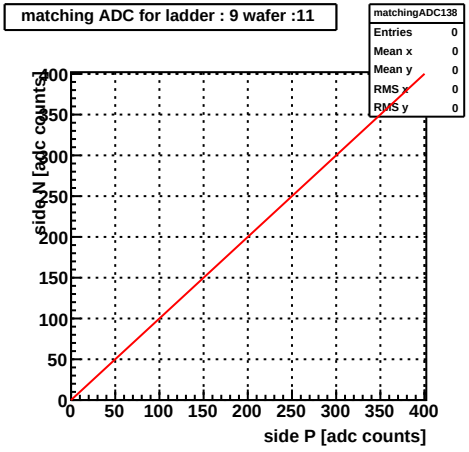

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 318
Mean x 60.89
Mean y 68.66
RMS x 43.37
RMS y 51.85
side N [adc counts]
side P [adc counts]

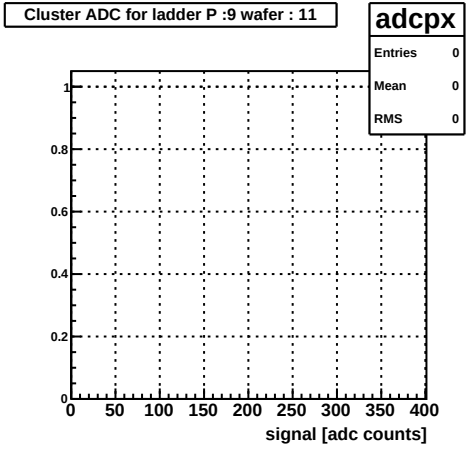

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 486
Mean 43.65
RMS 39.85
signal [adc counts]

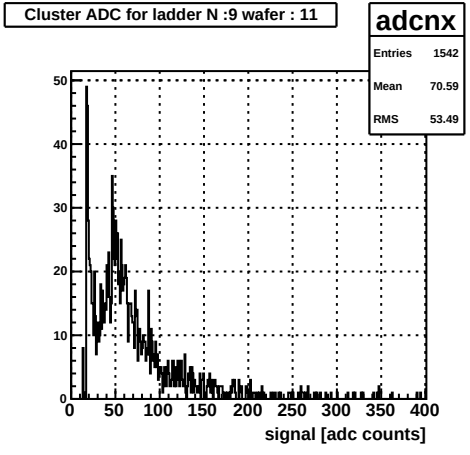

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1852
Mean 58.87
RMS 51.95
signal [adc counts]

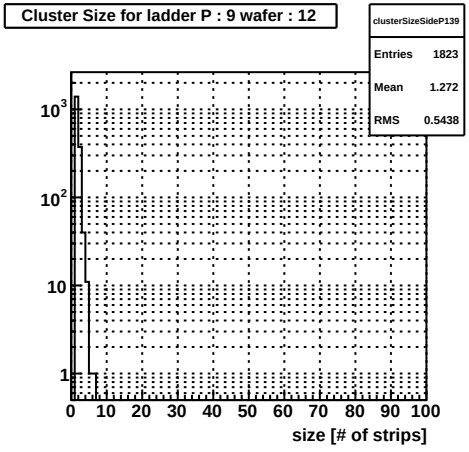

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

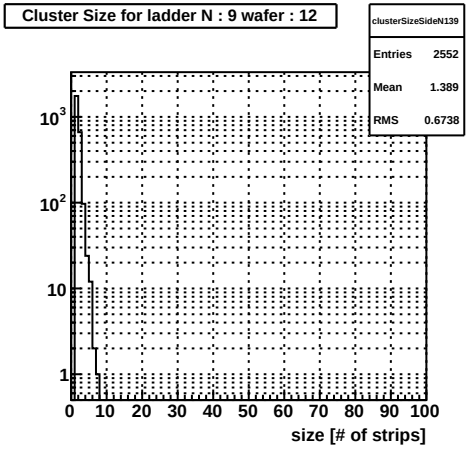

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1542
Mean 1.59
RMS 0.8891
size [# of strips]

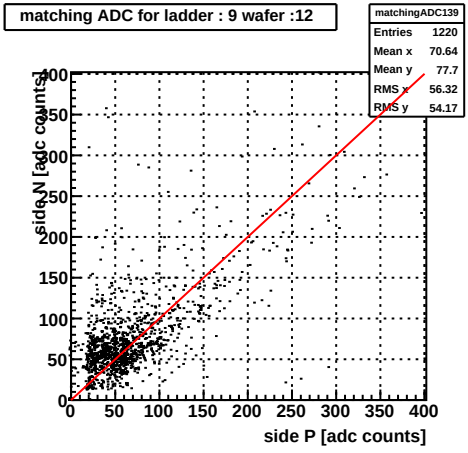

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

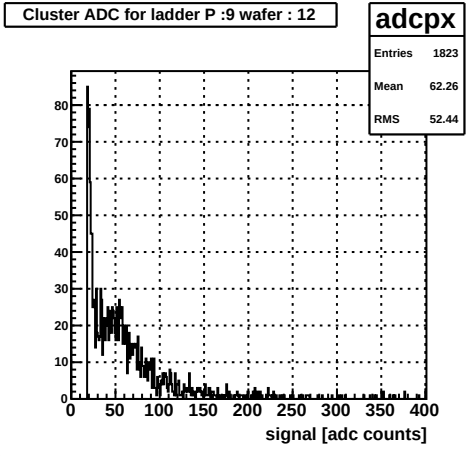

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

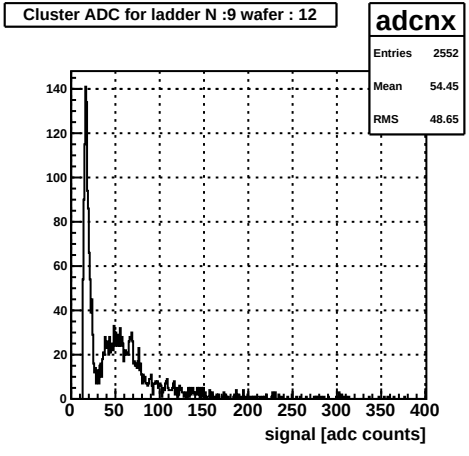

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1542
Mean 70.59
RMS 53.49
signal [adc counts]

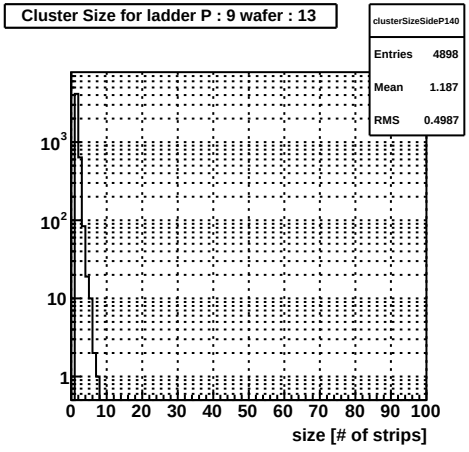

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1823
Mean 1.272
RMS 0.5438
size [# of strips]

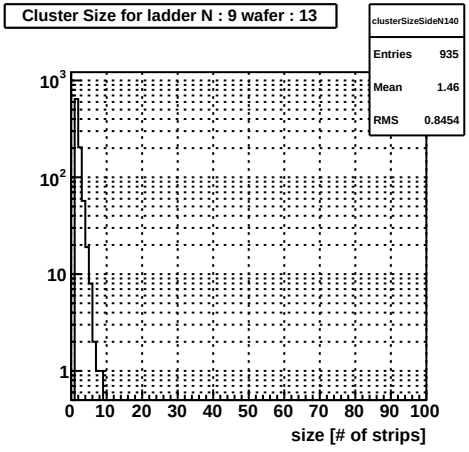

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2552
Mean 1.389
RMS 0.6738
size [# of strips]

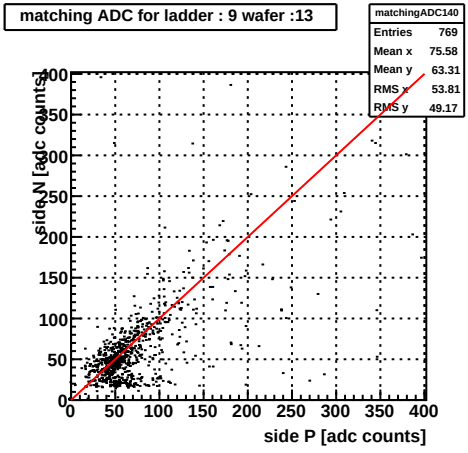

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1220
Mean x 70.64
Mean y 77.7
RMS x 56.32
RMS y 54.17
side N [adc counts]
side P [adc counts]

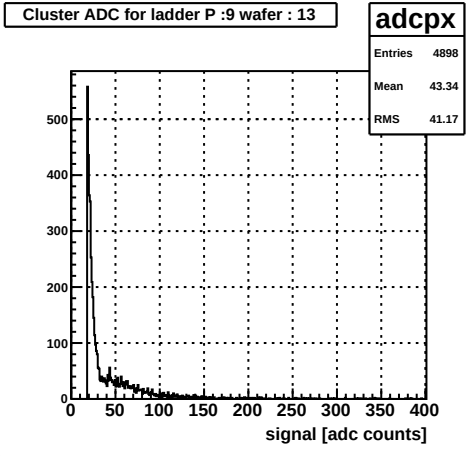

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1823
Mean 62.26
RMS 52.44
signal [adc counts]

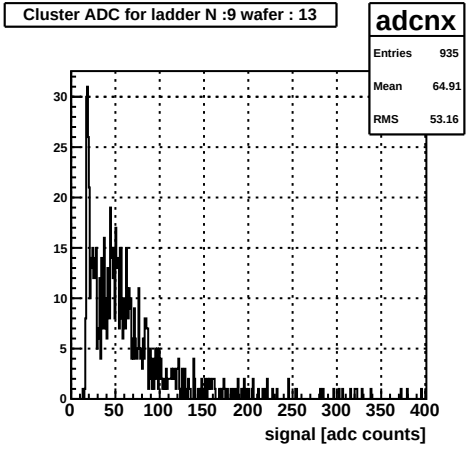

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2552
Mean 54.45
RMS 48.65
signal [adc counts]

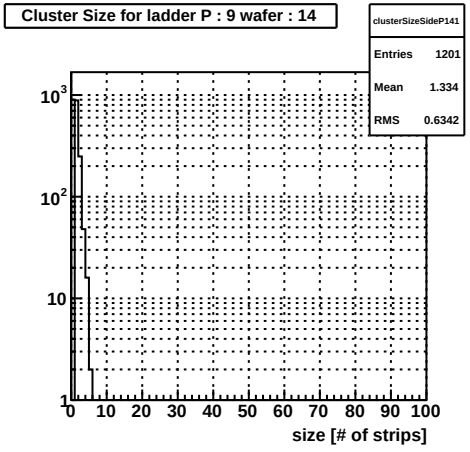

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 4898
Mean 1.187
RMS 0.4987
size [# of strips]

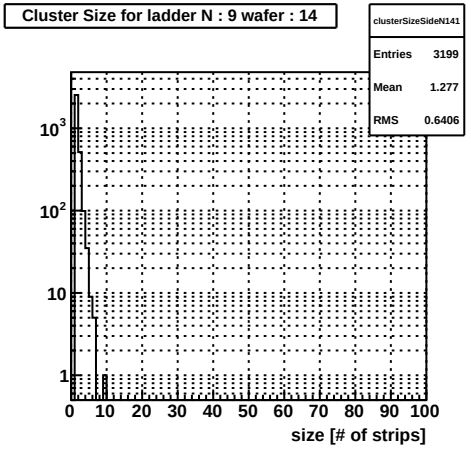

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 935
Mean 1.46
RMS 0.8454
size [# of strips]

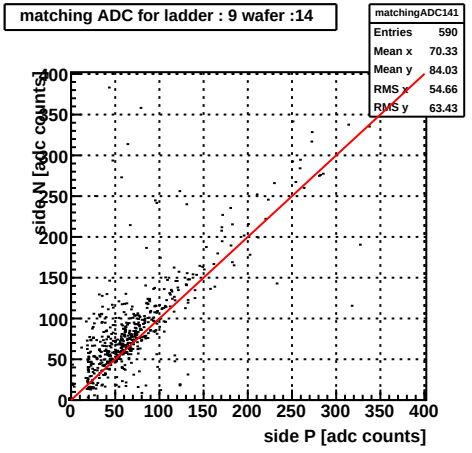

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 769
Mean x 75.58
Mean y 63.31
RMS x 53.81
RMS y 49.17
side N [adc counts]
side P [adc counts]

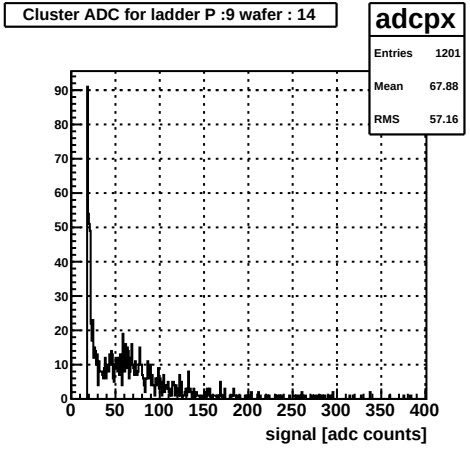

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 4898
Mean 43.34
RMS 41.17
signal [adc counts]

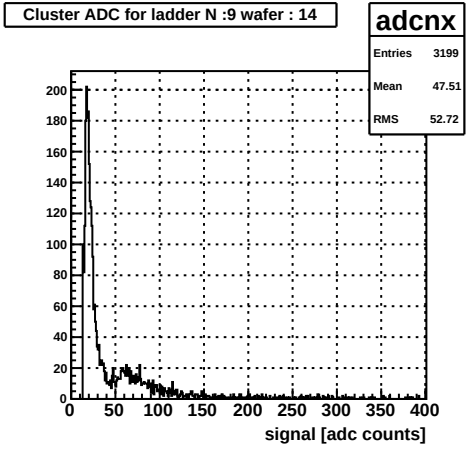

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 935
Mean 64.91
RMS 53.16
signal [adc counts]

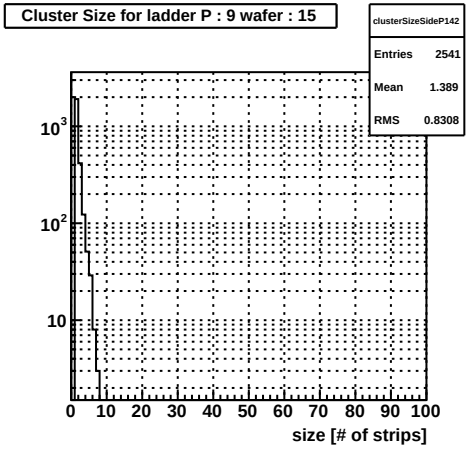

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1201
Mean 1.334
RMS 0.6342
size [# of strips]

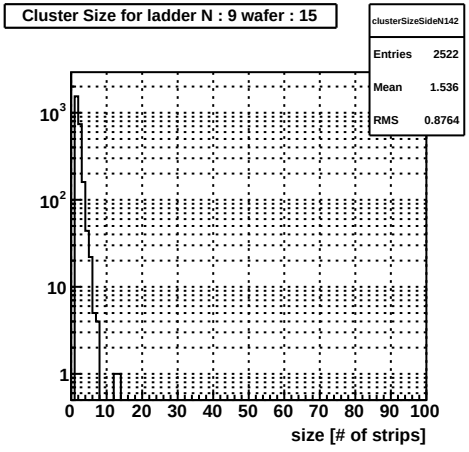

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3199
Mean 1.277
RMS 0.6406
size [# of strips]

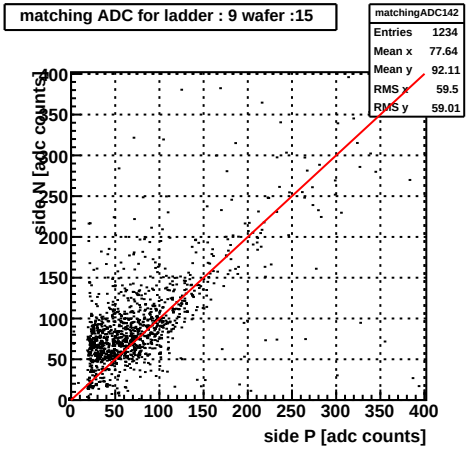

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 590
Mean x 70.33
Mean y 84.03
RMS x 54.66
RMS y 63.43
side N [adc counts]
side P [adc counts]

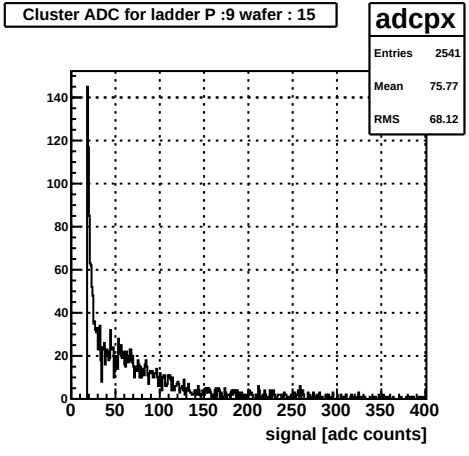

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1201
Mean 67.88
RMS 57.16
signal [adc counts]

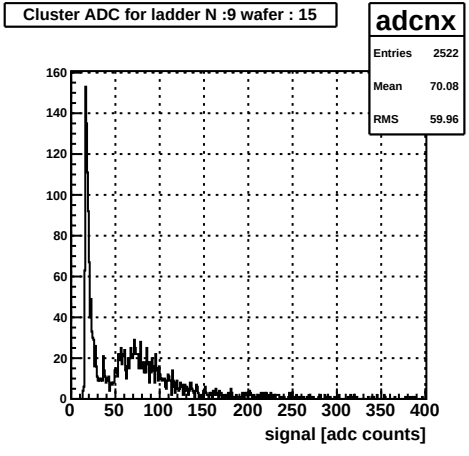

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3199
Mean 47.51
RMS 52.72
signal [adc counts]

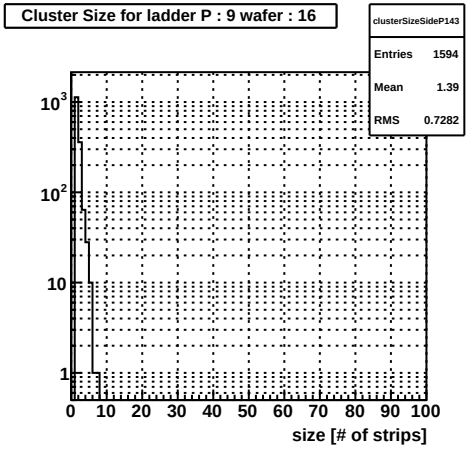

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2541
Mean 1.389
RMS 0.8308
size [# of strips]

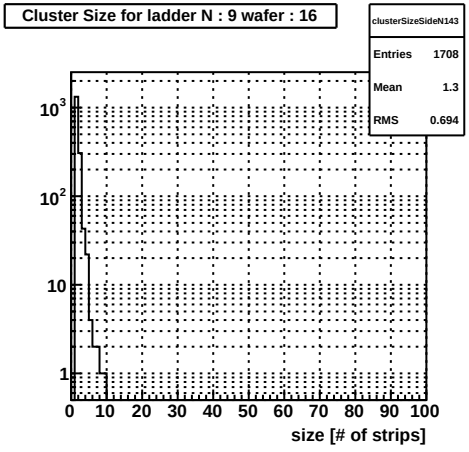

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2522
Mean 1.536
RMS 0.8764
size [# of strips]

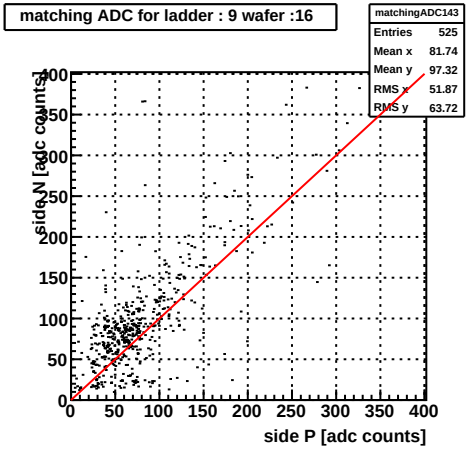

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1234
Mean x 77.64
Mean y 92.11
RMS x 59.5
RMS y 59.01
side N [adc counts]
side P [adc counts]

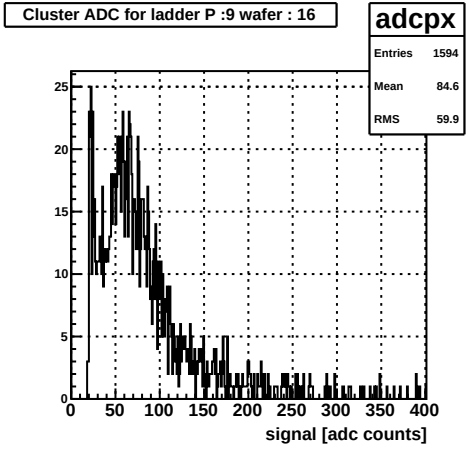

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2541
Mean 75.77
RMS 68.12
signal [adc counts]

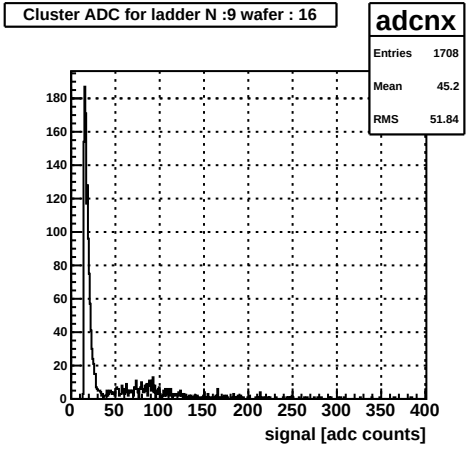

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2522
Mean 70.08
RMS 59.96
signal [adc counts]

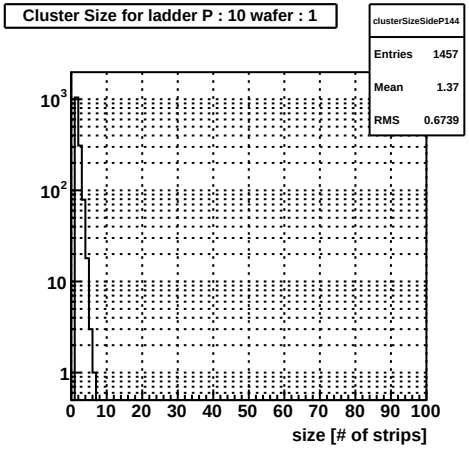

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1594
Mean 1.39
RMS 0.7282
size [# of strips]

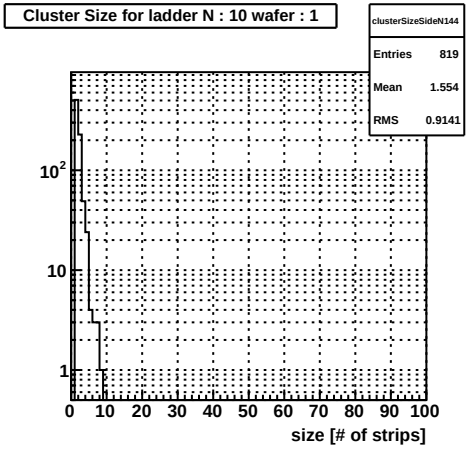

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1708
Mean 1.3
RMS 0.694
size [# of strips]

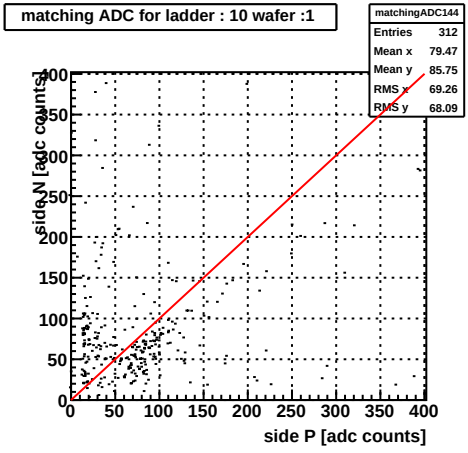

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 525
Mean x 81.74
Mean y 97.32
RMS x 51.87
RMS y 63.72
side N [adc counts]
side P [adc counts]

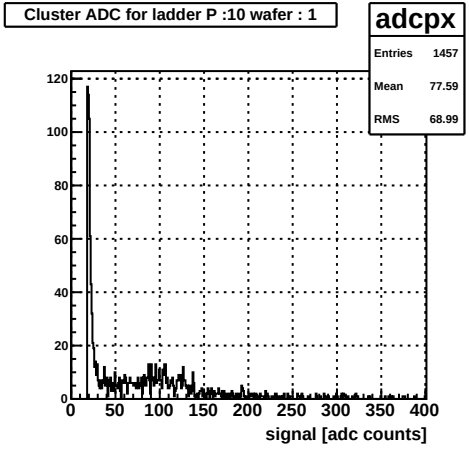

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1594
Mean 84.6
RMS 59.9
signal [adc counts]

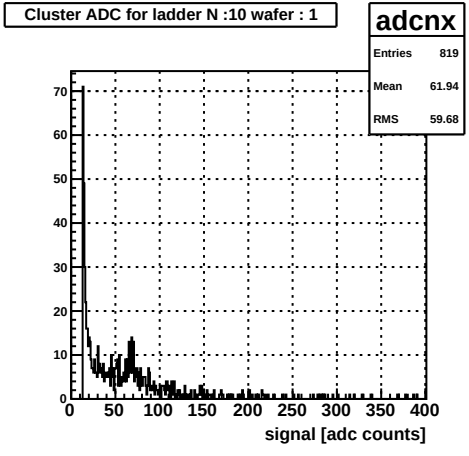

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1708
Mean 45.2
RMS 51.84
signal [adc counts]

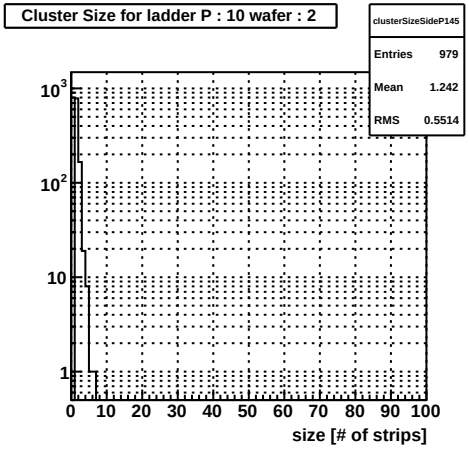

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1457
Mean 1.37
RMS 0.6739
size [# of strips]

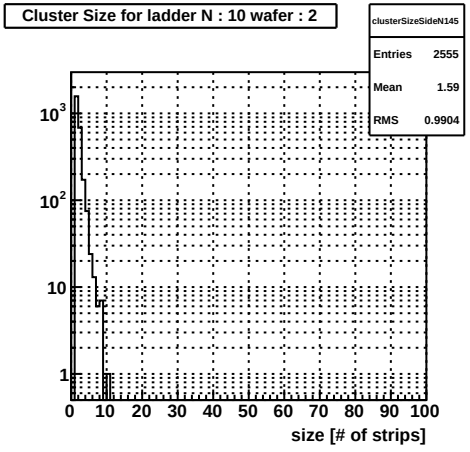

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 819
Mean 1.554
RMS 0.9141
size [# of strips]

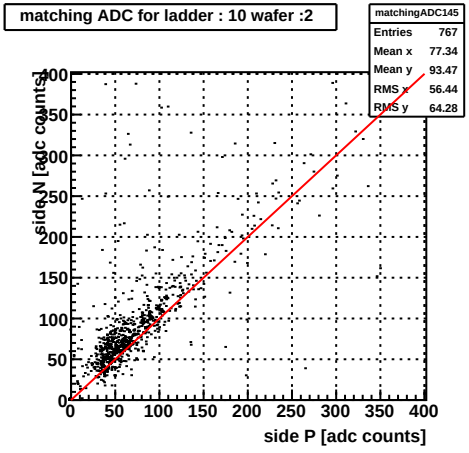

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 312
Mean x 79.47
Mean y 85.75
RMS x 69.26
RMS y 68.09
side N [adc counts]
side P [adc counts]

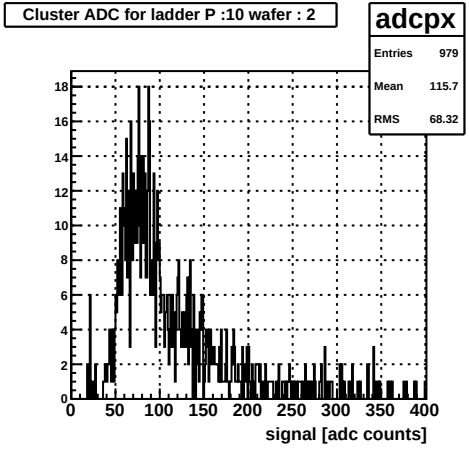

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1457
Mean 77.59
RMS 68.99
signal [adc counts]

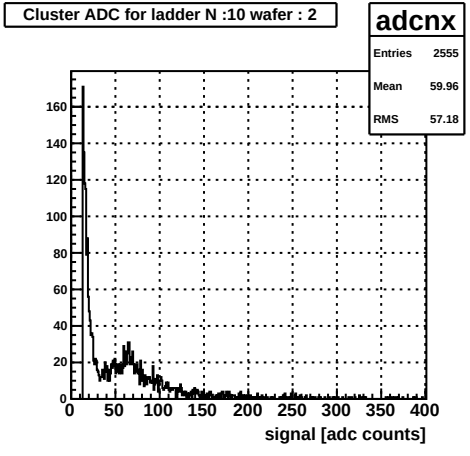

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 819
Mean 61.94
RMS 59.68
signal [adc counts]

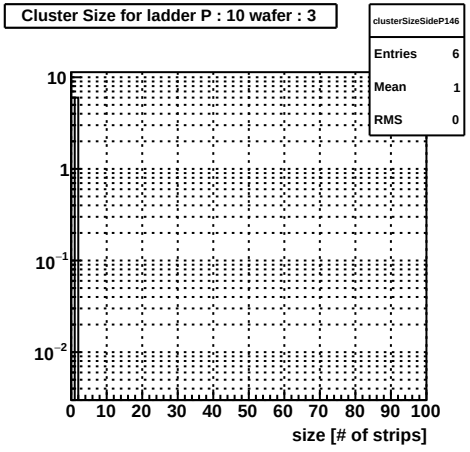

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 979
Mean 1.242
RMS 0.5514
size [# of strips]

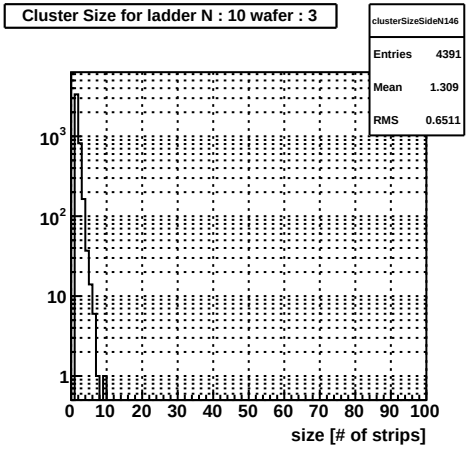

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2555
Mean 1.59
RMS 0.9904
size [# of strips]

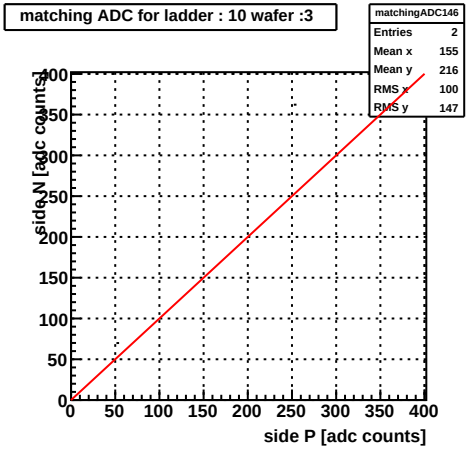

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 767
Mean x 77.34
Mean y 93.47
RMS x 56.44
RMS y 64.28
side N [adc counts]
side P [adc counts]

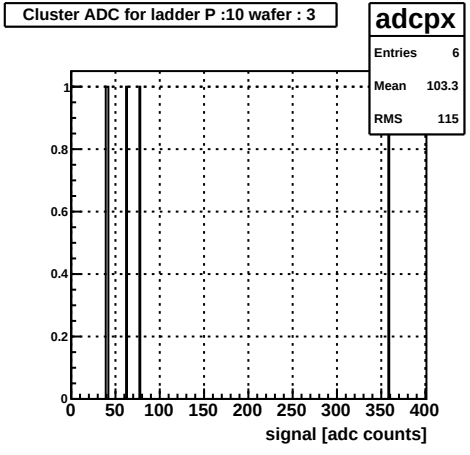

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 979
Mean 115.7
RMS 68.32
signal [adc counts]

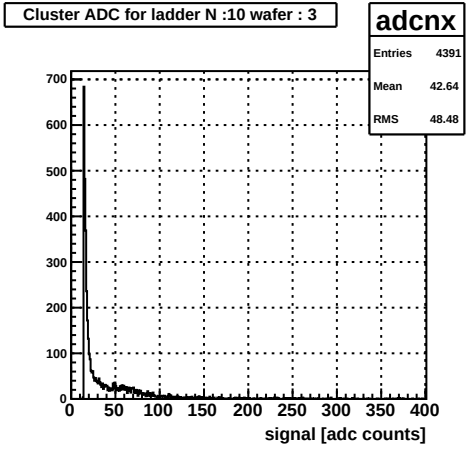

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2555
Mean 59.96
RMS 57.18
signal [adc counts]

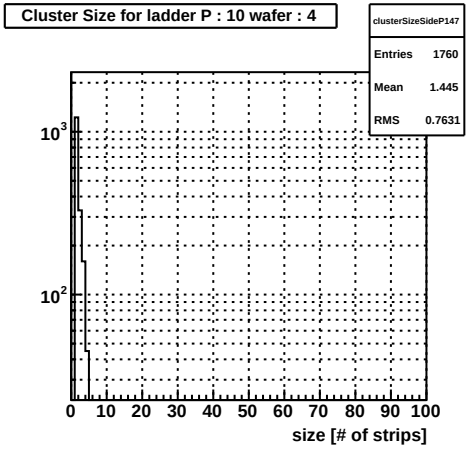

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 6
Mean 1
RMS 0
size [# of strips]

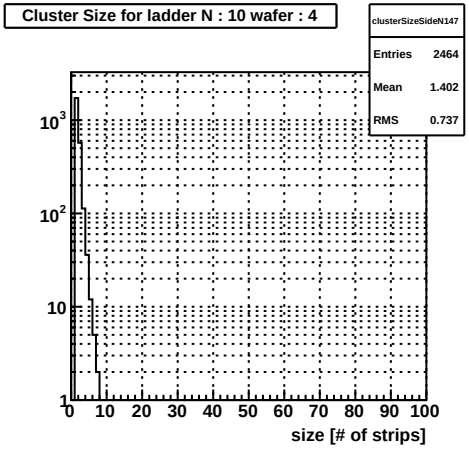

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 4391
Mean 1.309
RMS 0.6511
size [# of strips]

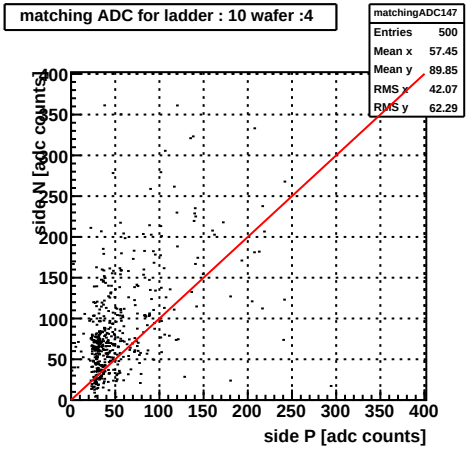

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 155
Mean y 216
RMS x 100
RMS y 147
side N [adc counts]
side P [adc counts]

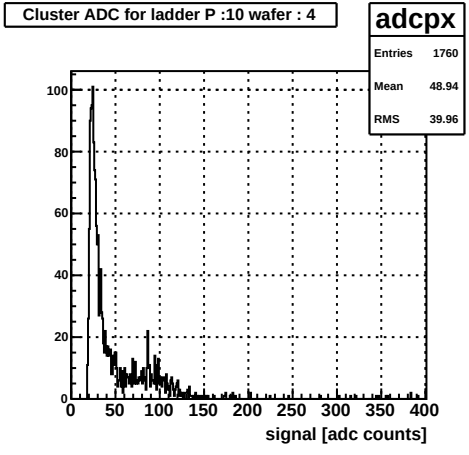

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 6
Mean 103.3
RMS 115
signal [adc counts]

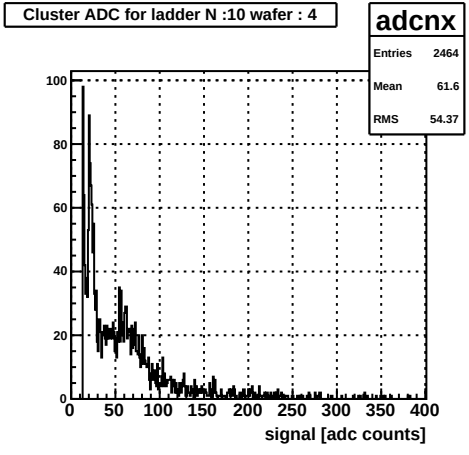

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 4391
Mean 42.64
RMS 48.48
signal [adc counts]

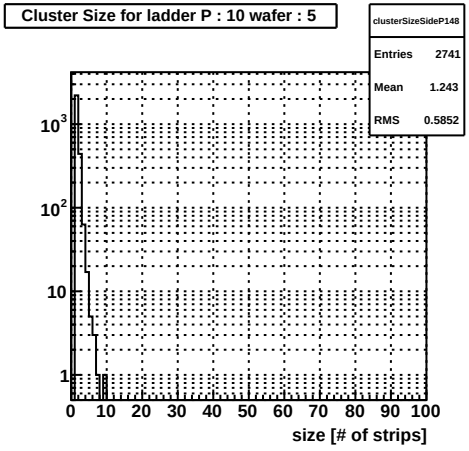

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 1760
Mean 1.445
RMS 0.7631
size [# of strips]

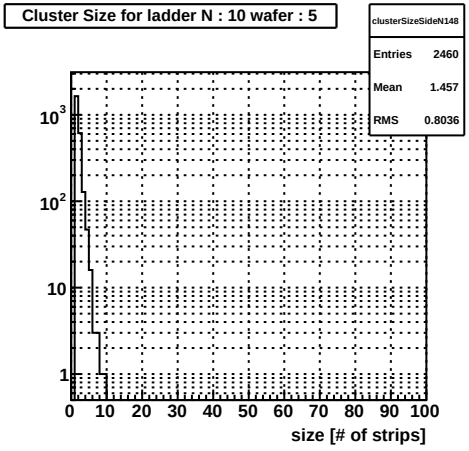

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2464
Mean 1.402
RMS 0.737
size [# of strips]

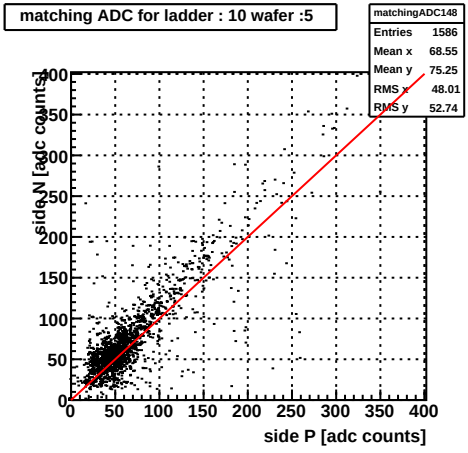

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 500
Mean x 57.45
Mean y 89.85
RMS x 42.07
RMS y 62.29
side N [adc counts]
side P [adc counts]

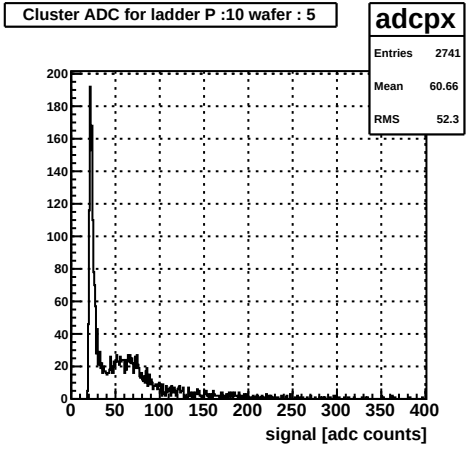

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 1760
Mean 48.94
RMS 39.96
signal [adc counts]

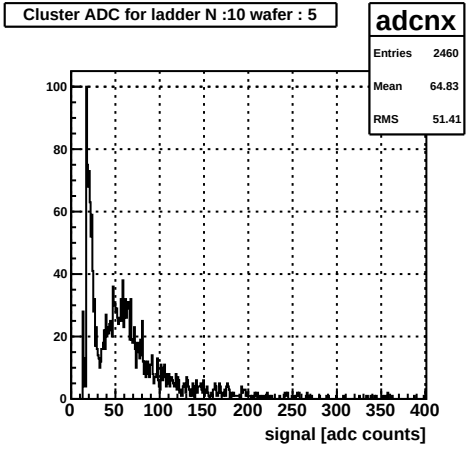

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2464
Mean 61.6
RMS 54.37
signal [adc counts]

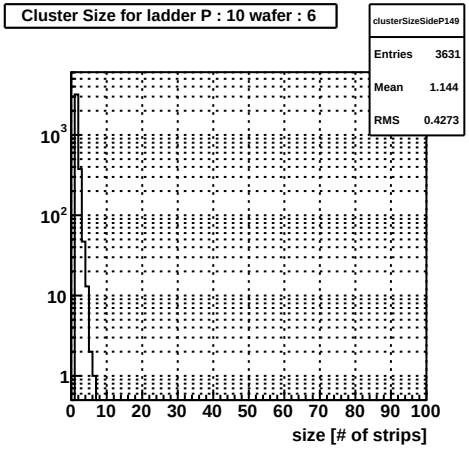

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 2741
Mean 1.243
RMS 0.5852
size [# of strips]

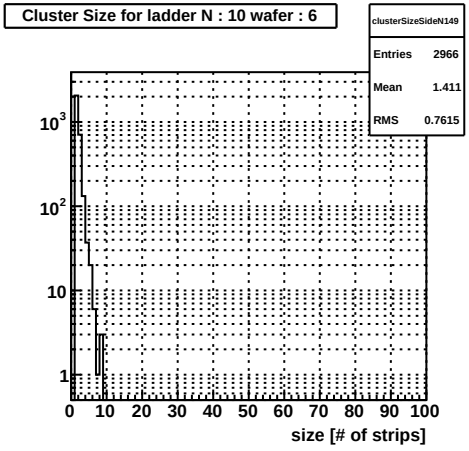

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2460
Mean 1.457
RMS 0.8036
size [# of strips]

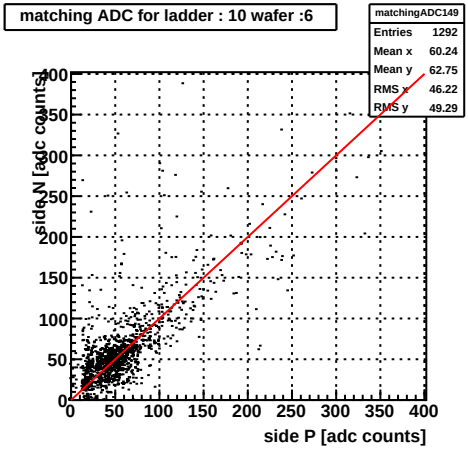

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 1586
Mean x 68.55
Mean y 75.25
RMS x 48.01
RMS y 52.74
side N [adc counts]
side P [adc counts]

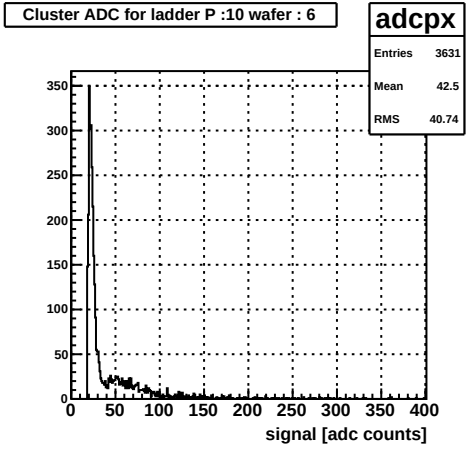

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 2741
Mean 60.66
RMS 52.3
signal [adc counts]

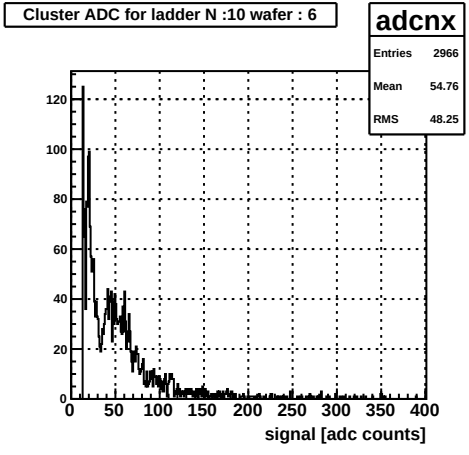

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2460
Mean 64.83
RMS 51.41
signal [adc counts]

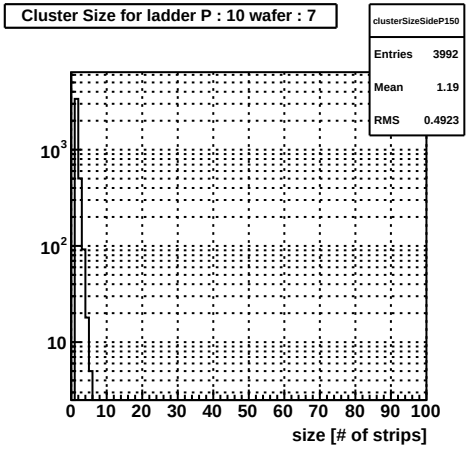

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 3631
Mean 1.144
RMS 0.4273
size [# of strips]

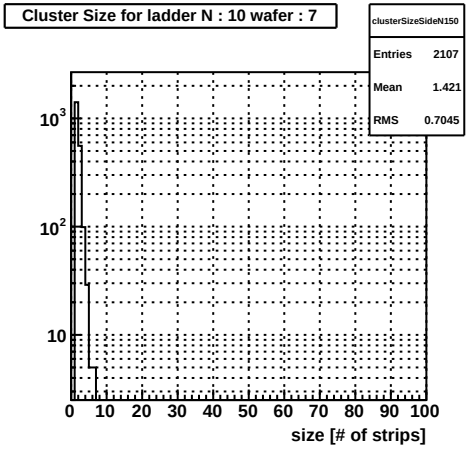

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2966
Mean 1.411
RMS 0.7615
size [# of strips]

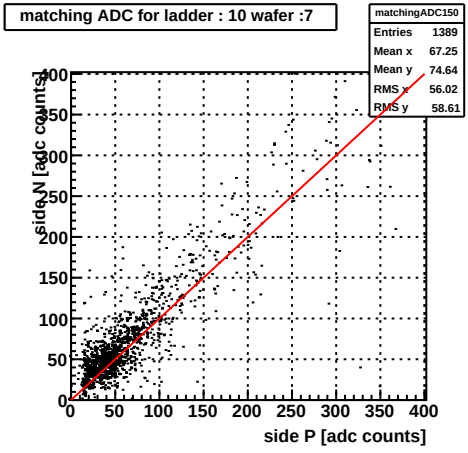

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1292
Mean x 60.24
Mean y 62.75
RMS x 46.22
RMS y 49.29
side N [adc counts]
side P [adc counts]

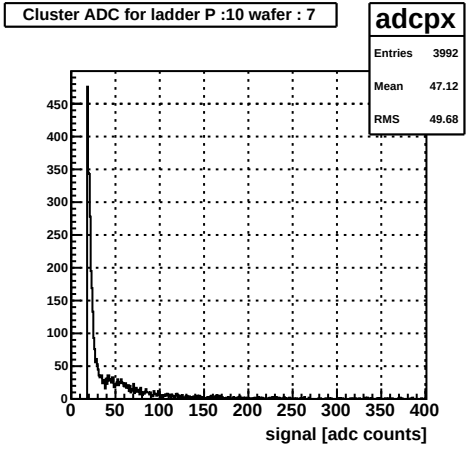

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 3631
Mean 42.5
RMS 40.74
signal [adc counts]

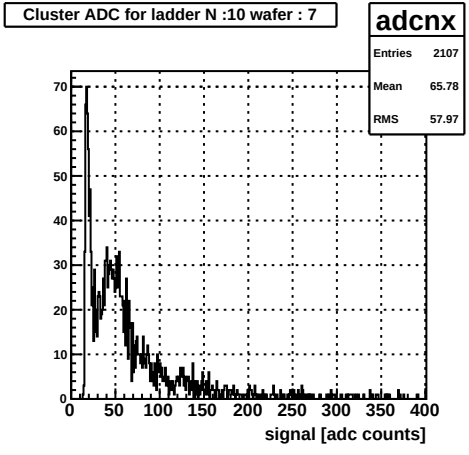

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2966
Mean 54.76
RMS 48.25
signal [adc counts]

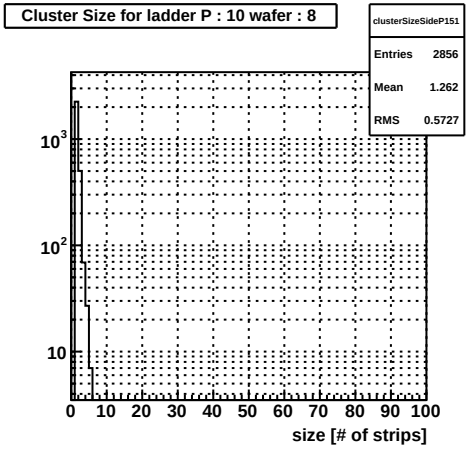

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3992
Mean 1.19
RMS 0.4923
size [# of strips]

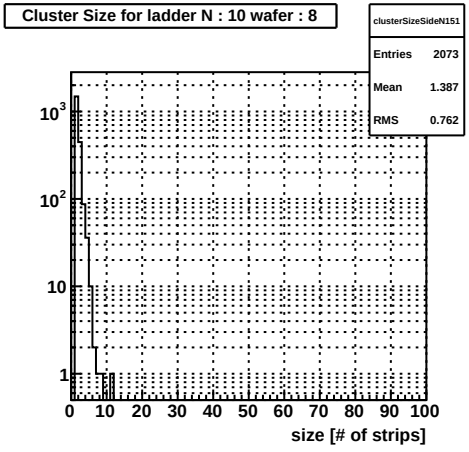

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2107
Mean 1.421
RMS 0.7045
size [# of strips]

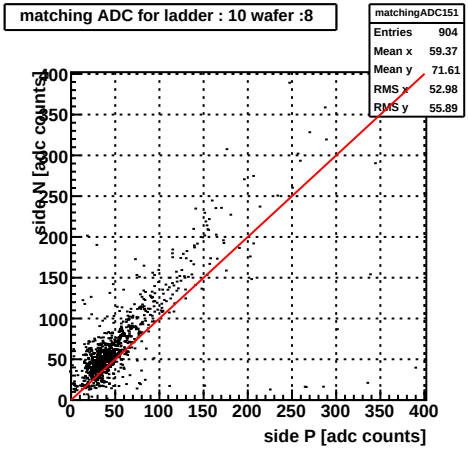

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1389
Mean x 67.25
Mean y 74.64
RMS x 56.02
RMS y 58.61
side N [adc counts]
side P [adc counts]

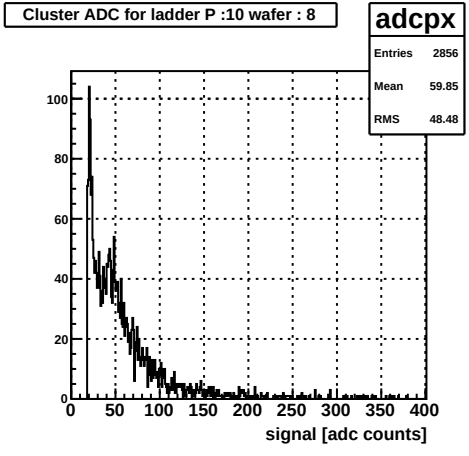

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3992
Mean 47.12
RMS 49.68
signal [adc counts]

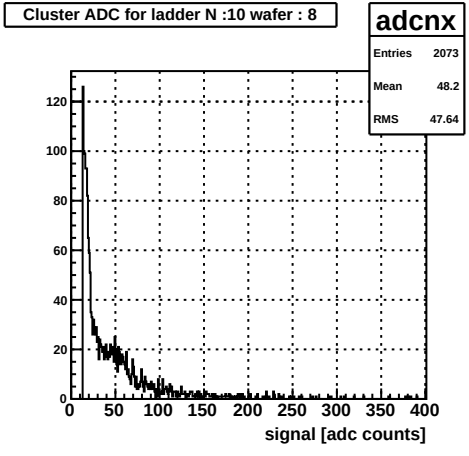

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2107
Mean 65.78
RMS 57.97
signal [adc counts]

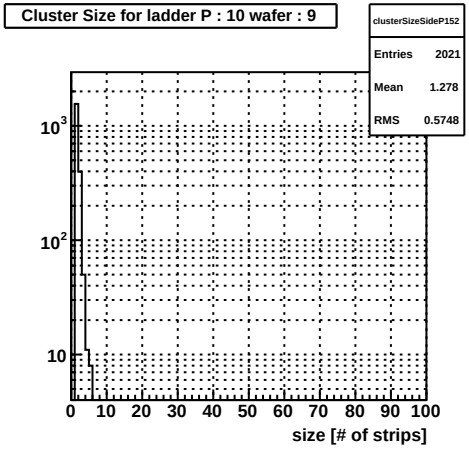

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2856
Mean 1.262
RMS 0.5727
size [# of strips]

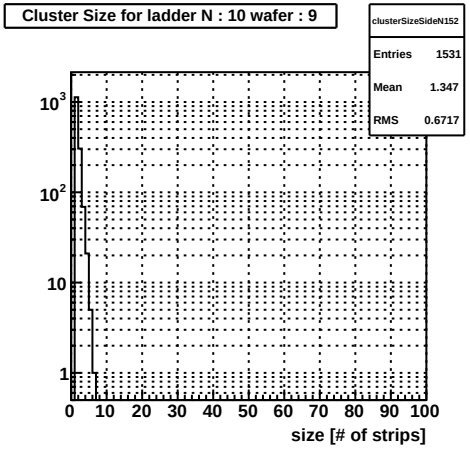

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2073
Mean 1.387
RMS 0.762
size [# of strips]

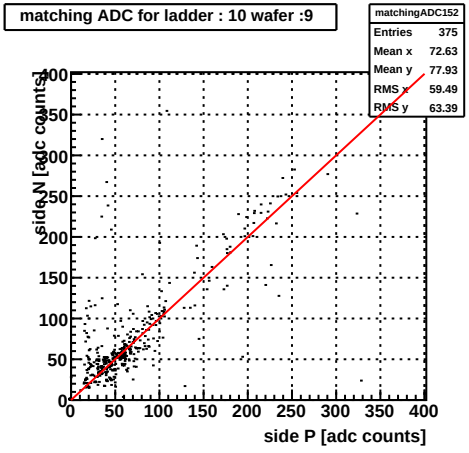

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 904
Mean x 59.37
Mean y 71.61
RMS x 52.98
RMS y 55.89
side N [adc counts]
side P [adc counts]

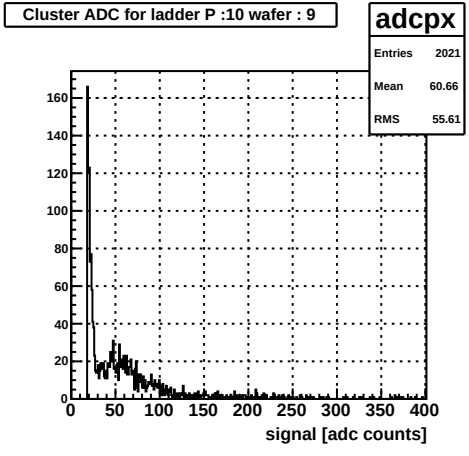

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2856
Mean 59.85
RMS 48.48
signal [adc counts]

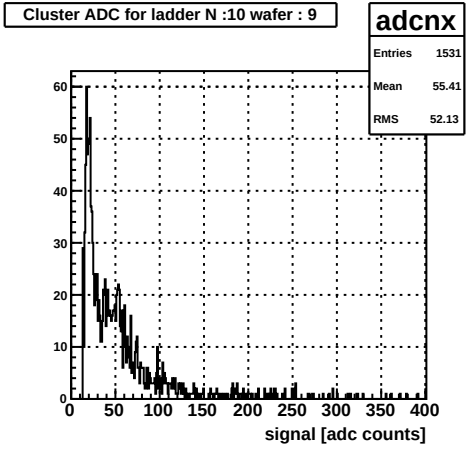

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2073
Mean 48.2
RMS 47.64
signal [adc counts]

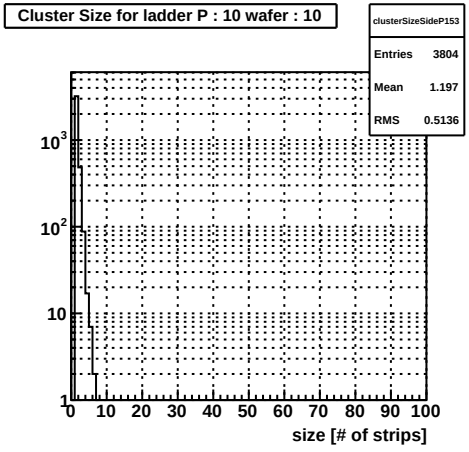

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2021
Mean 1.278
RMS 0.5748
size [# of strips]

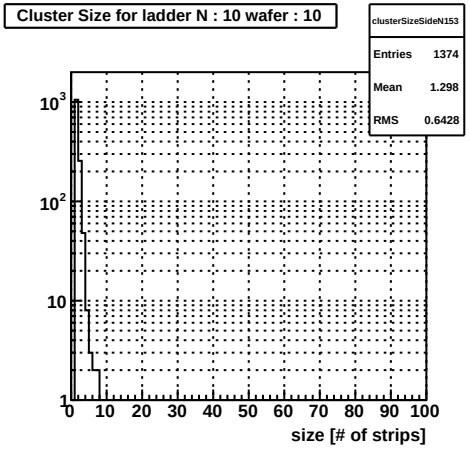

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1531
Mean 1.347
RMS 0.6717
size [# of strips]

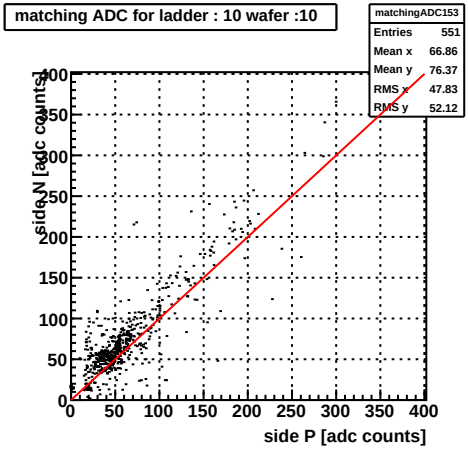

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 375
Mean x 72.63
Mean y 77.93
RMS x 59.49
RMS y 63.39
side N [adc counts]
side P [adc counts]

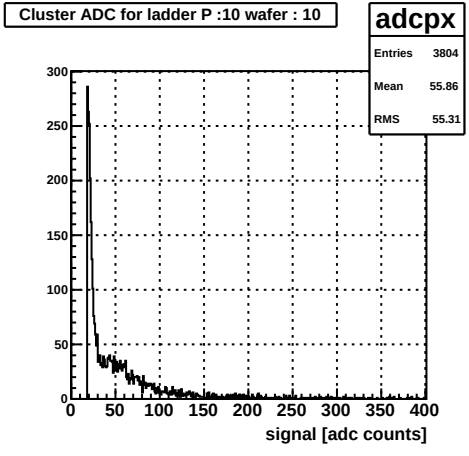

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2021
Mean 60.66
RMS 55.61
signal [adc counts]

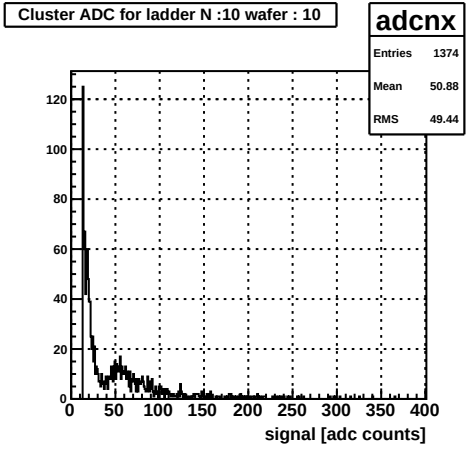

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1531
Mean 55.41
RMS 52.13
signal [adc counts]

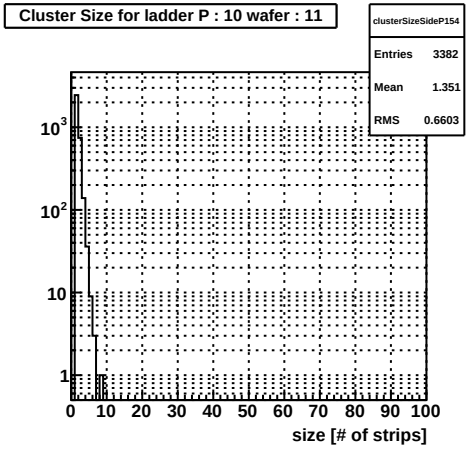

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3804
Mean 1.197
RMS 0.5136
size [# of strips]

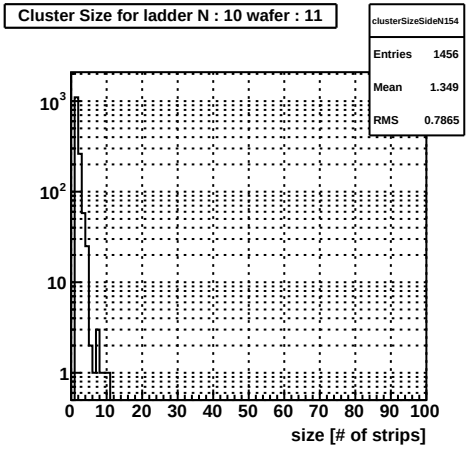

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1374
Mean 1.298
RMS 0.6428
size [# of strips]

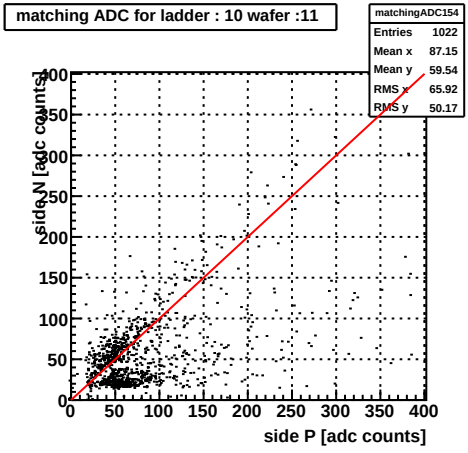

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 551
Mean x 66.86
Mean y 76.37
RMS x 47.83
RMS y 52.12
side N [adc counts]
side P [adc counts]

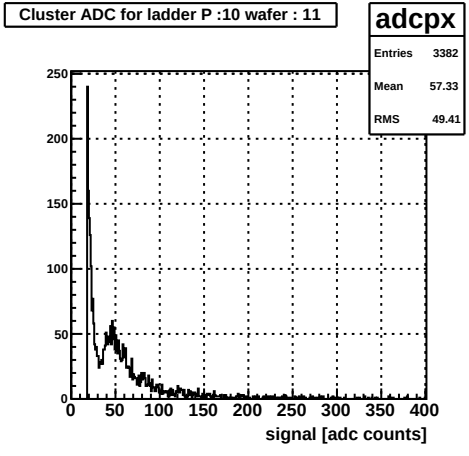

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3804
Mean 55.86
RMS 55.31
signal [adc counts]

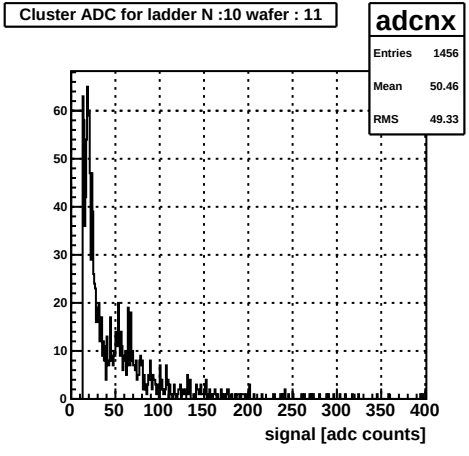

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1374
Mean 50.88
RMS 49.44
signal [adc counts]

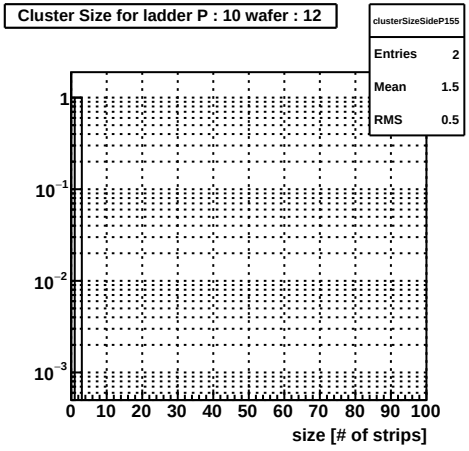

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3382
Mean 1.351
RMS 0.6603
size [# of strips]

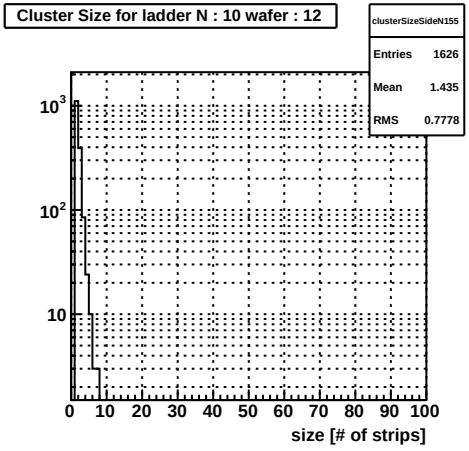

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 1456
Mean 1.349
RMS 0.7865
size [# of strips]

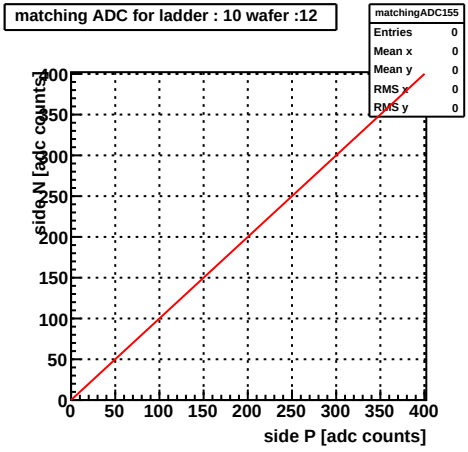

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1022
Mean x 87.15
Mean y 59.54
RMS x 65.92
RMS y 50.17
side N [adc counts]
side P [adc counts]

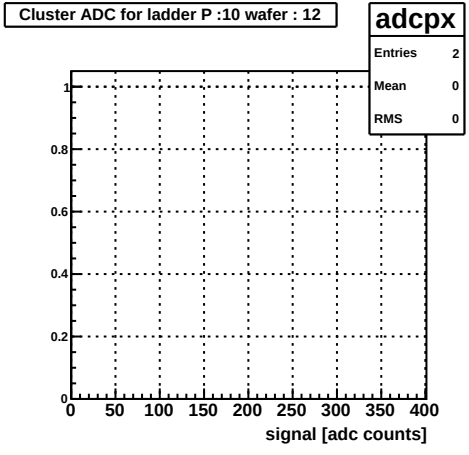

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3382
Mean 57.33
RMS 49.41
signal [adc counts]

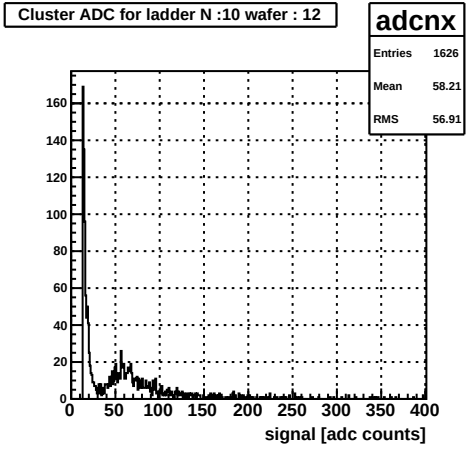

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 1456
Mean 50.46
RMS 49.33
signal [adc counts]

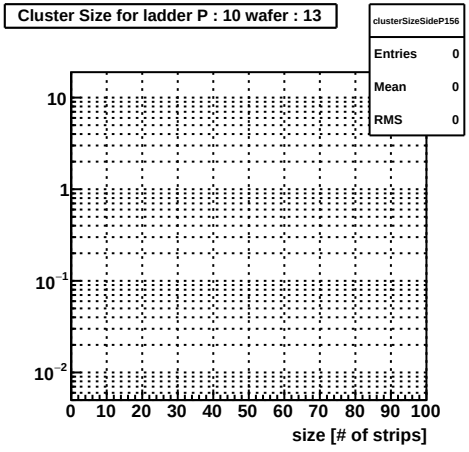

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

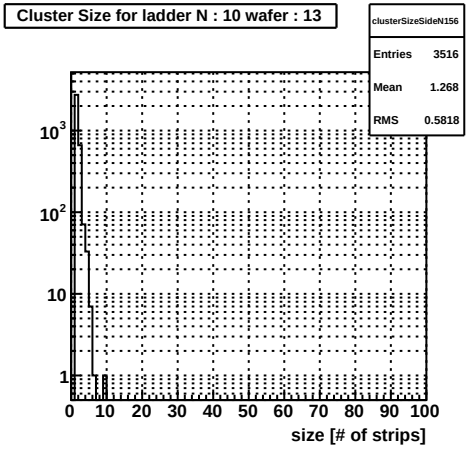

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1626
Mean 1.435
RMS 0.7778
size [# of strips]

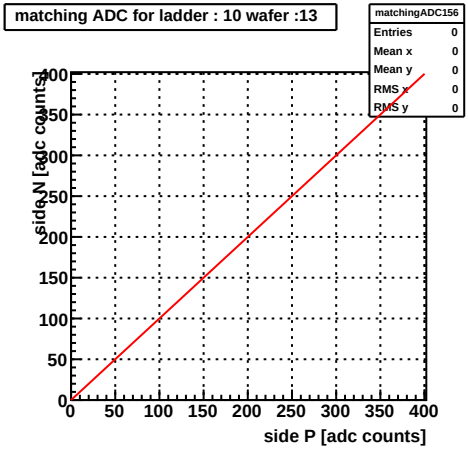

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

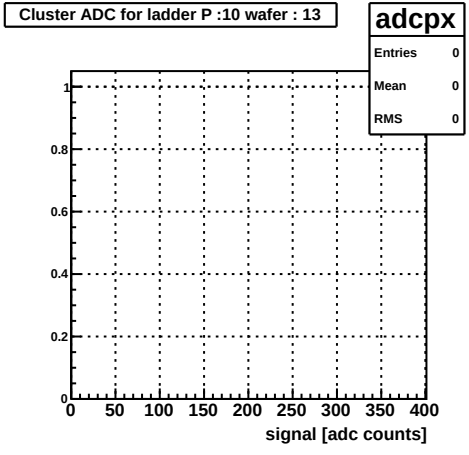

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

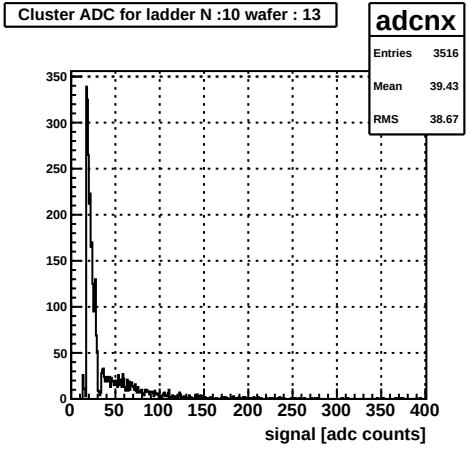

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1626
Mean 58.21
RMS 56.91
signal [adc counts]

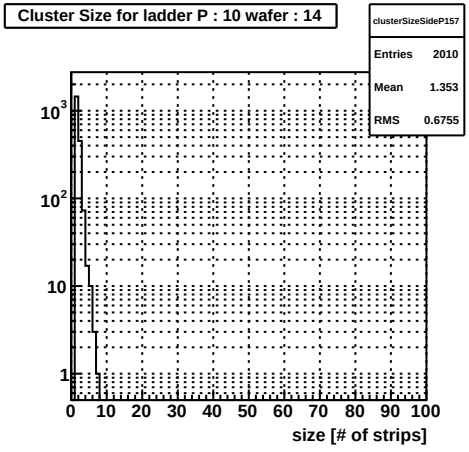

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

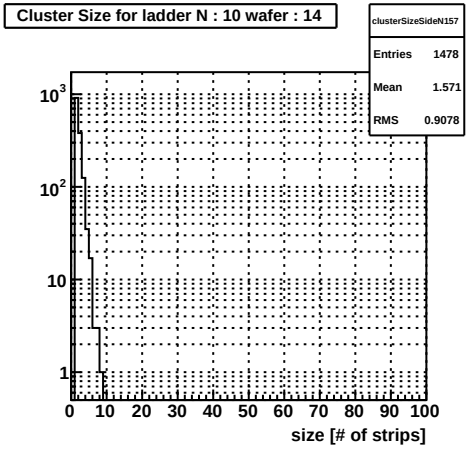

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 3516
Mean 1.268
RMS 0.5818
size [# of strips]

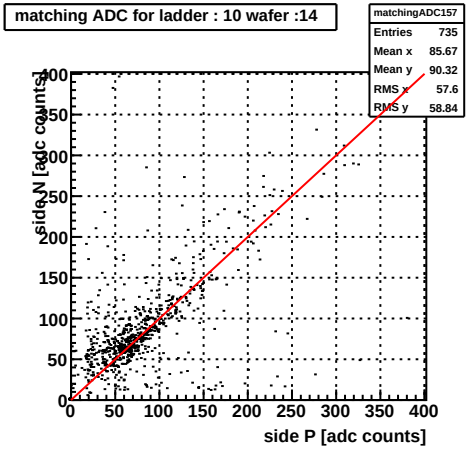

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

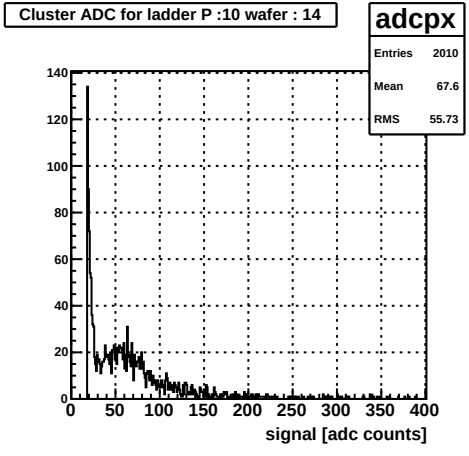

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

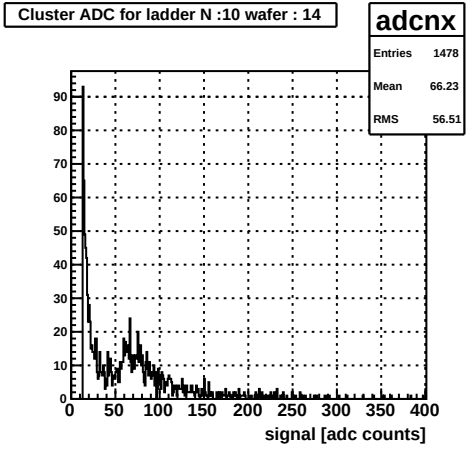

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 3516
Mean 39.43
RMS 38.67
signal [adc counts]

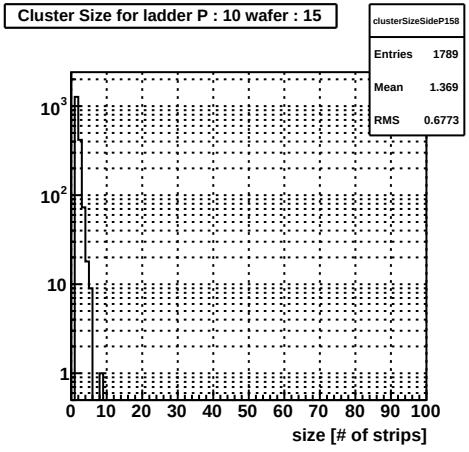

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2010
Mean 1.353
RMS 0.6755
size [# of strips]

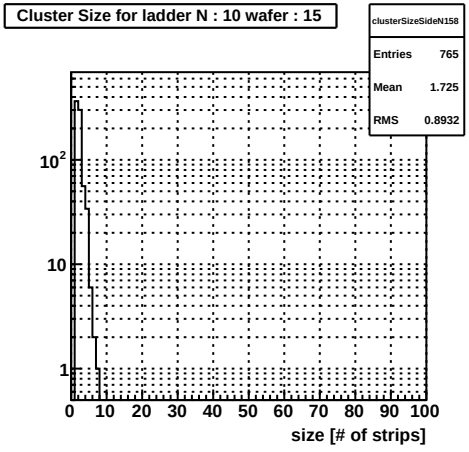

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1478
Mean 1.571
RMS 0.9078
size [# of strips]

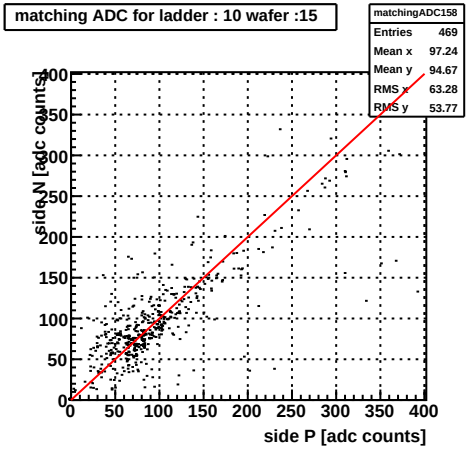

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 735
Mean x 85.67
Mean y 90.32
RMS x 57.6
RMS y 58.84
side N [adc counts]
side P [adc counts]

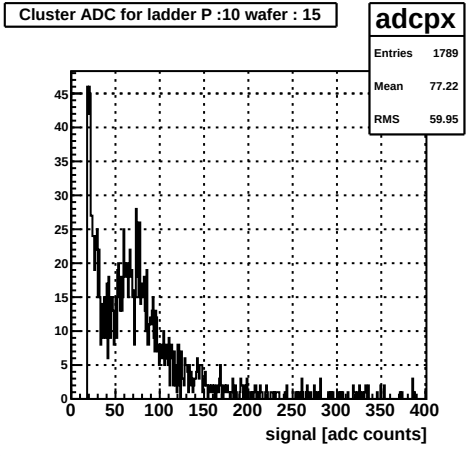

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2010
Mean 67.6
RMS 55.73
signal [adc counts]

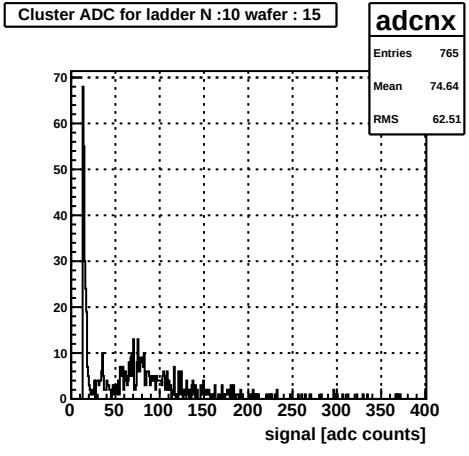

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1478
Mean 66.23
RMS 56.51
signal [adc counts]

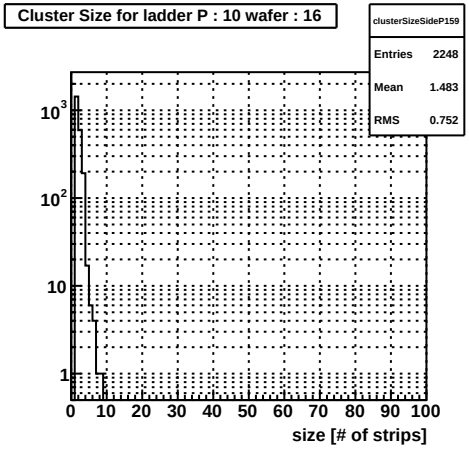

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1789
Mean 1.369
RMS 0.6773
size [# of strips]

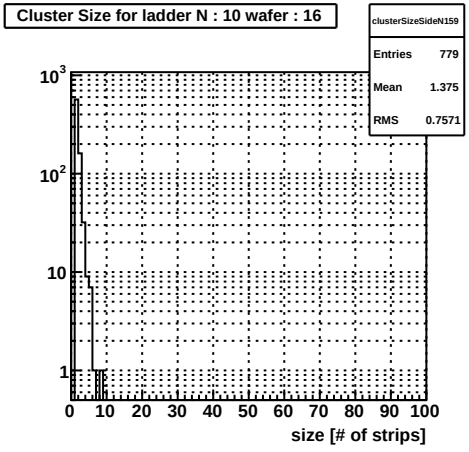

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 765
Mean 1.725
RMS 0.8932
size [# of strips]

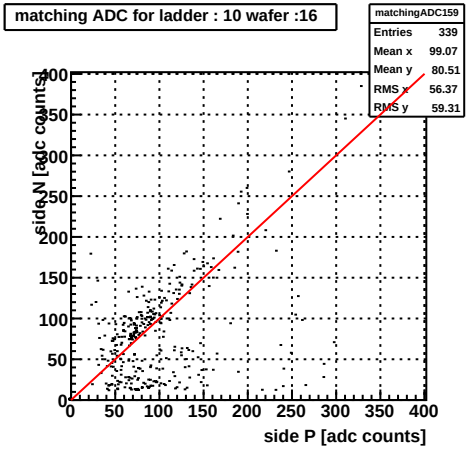

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 469
Mean x 97.24
Mean y 94.67
RMS x 63.28
RMS y 53.77
side N [adc counts]
side P [adc counts]

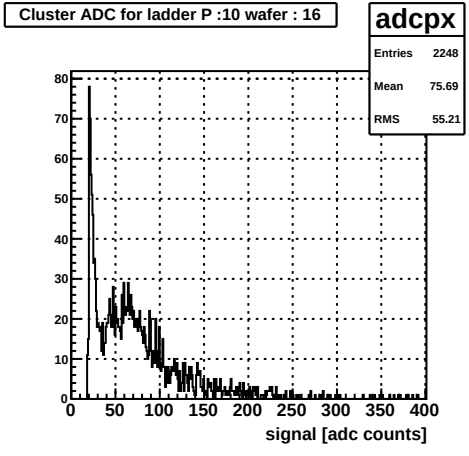

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1789
Mean 77.22
RMS 59.95
signal [adc counts]

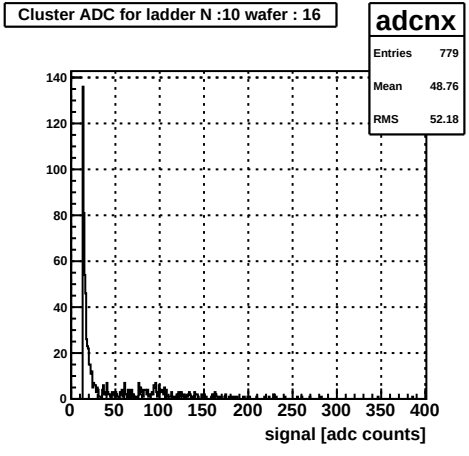

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 765
Mean 74.64
RMS 62.51
signal [adc counts]

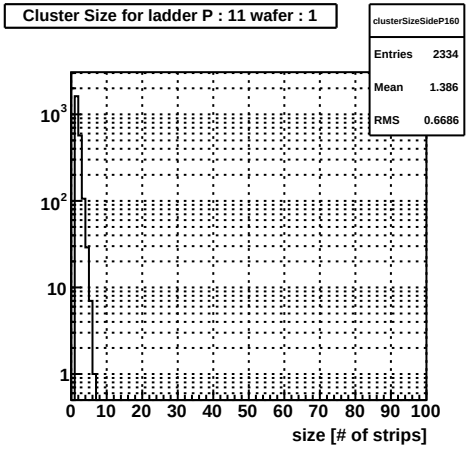

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2248
Mean 1.483
RMS 0.752
size [# of strips]

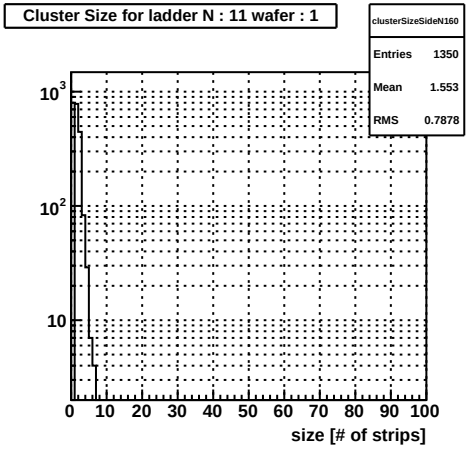

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 779
Mean 1.375
RMS 0.7571
size [# of strips]

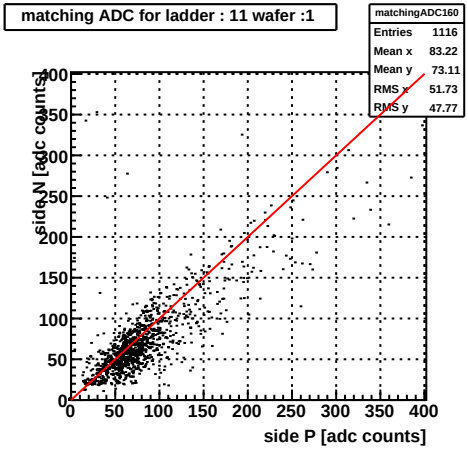

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 339
Mean x 99.07
Mean y 80.51
RMS x 56.37
RMS y 59.31
side N [adc counts]
side P [adc counts]

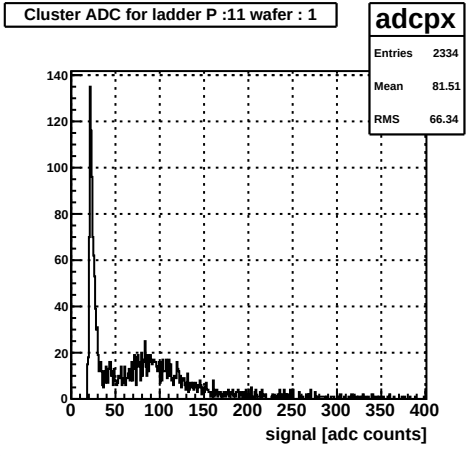

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2248
Mean 75.69
RMS 55.21
signal [adc counts]

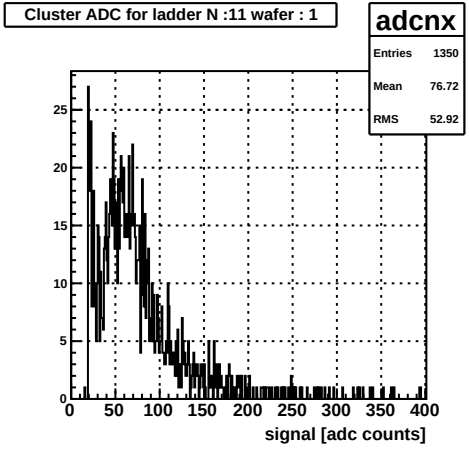

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 779
Mean 48.76
RMS 52.18
signal [adc counts]

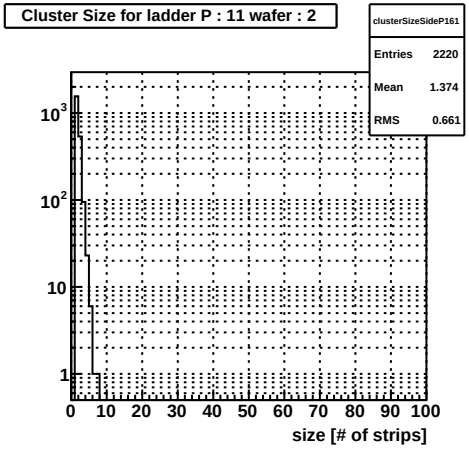

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2334
Mean 1.386
RMS 0.6686
size [# of strips]

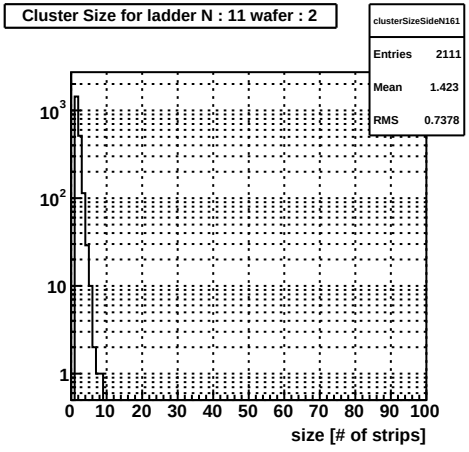

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1350
Mean 1.553
RMS 0.7878
size [# of strips]

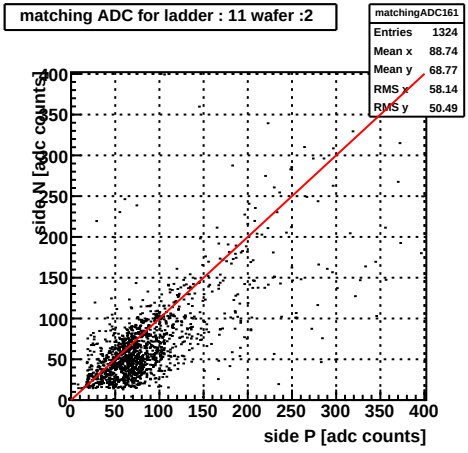

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1116
Mean x 83.22
Mean y 73.11
RMS x 51.73
RMS y 47.77
side N [adc counts]
side P [adc counts]

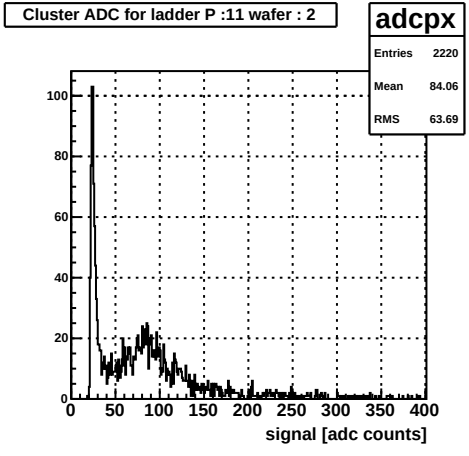

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2334
Mean 81.51
RMS 66.34
signal [adc counts]

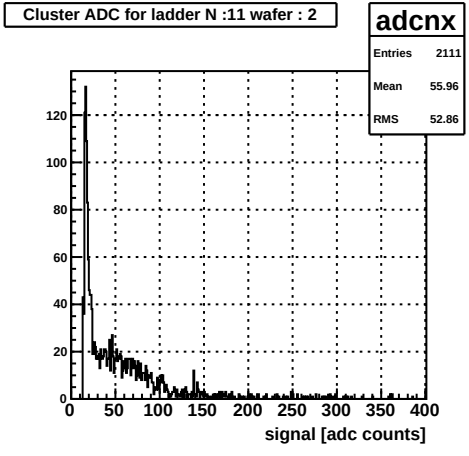

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1350
Mean 76.72
RMS 52.92
signal [adc counts]

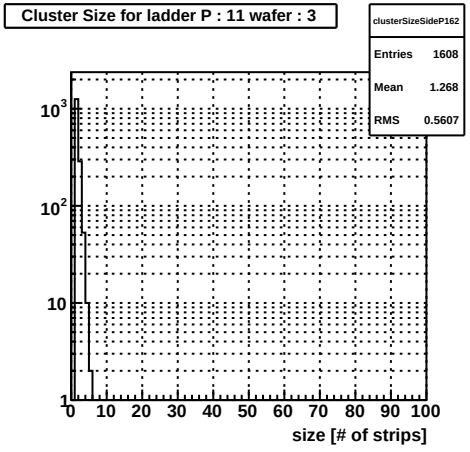

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2220
Mean 1.374
RMS 0.661
size [# of strips]

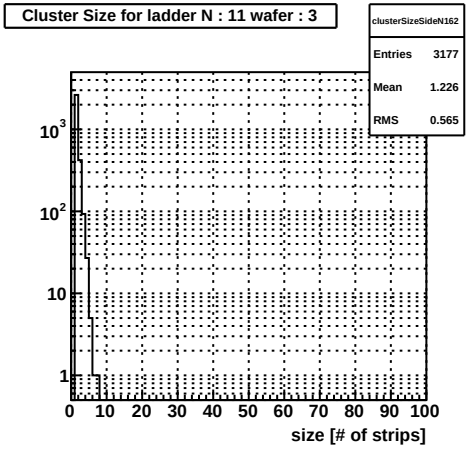

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2111
Mean 1.423
RMS 0.7378
size [# of strips]

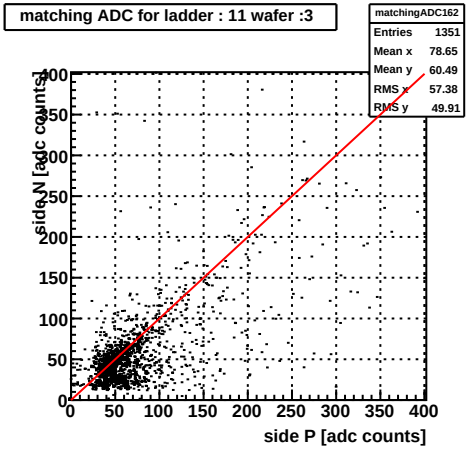

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1324
Mean x 88.74
Mean y 68.77
RMS x 58.14
RMS y 50.49
side N [adc counts]
side P [adc counts]

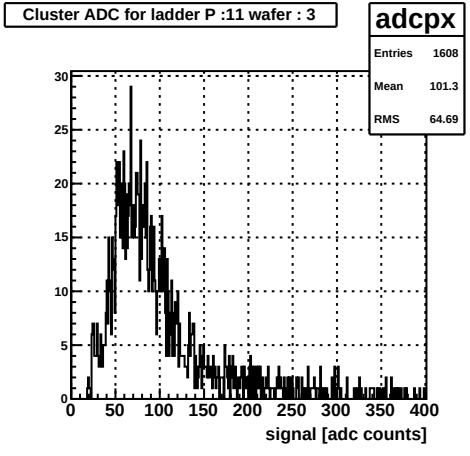

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2220
Mean 84.06
RMS 63.69
signal [adc counts]

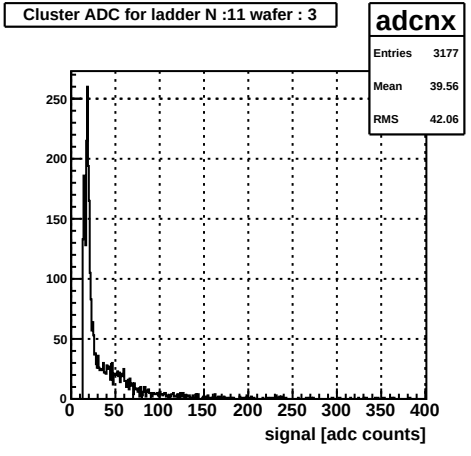

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2111
Mean 55.96
RMS 52.86
signal [adc counts]

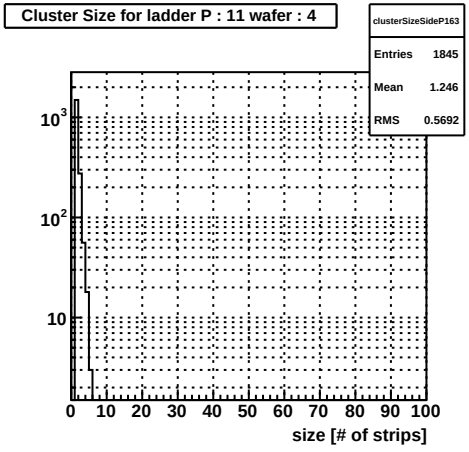

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1608
Mean 1.268
RMS 0.5607
size [# of strips]

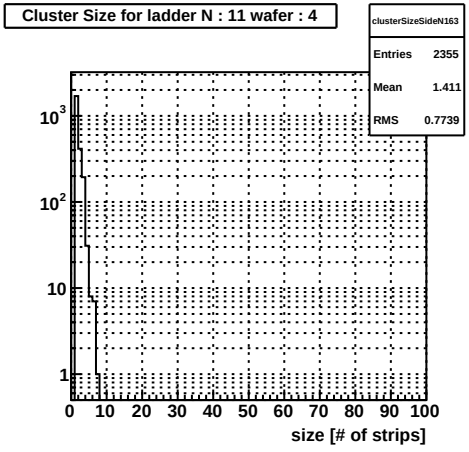

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3177
Mean 1.226
RMS 0.565
size [# of strips]

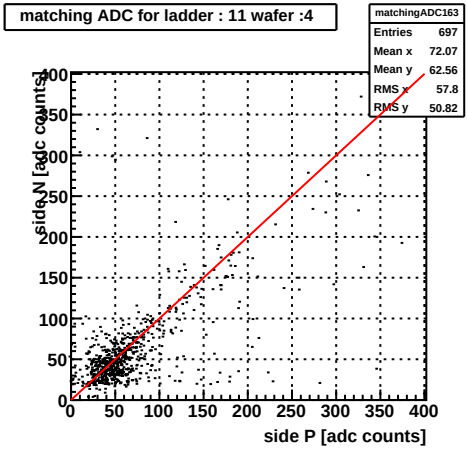

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1351
Mean x 78.65
Mean y 60.49
RMS x 57.38
RMS y 49.91
side N [adc counts]
side P [adc counts]

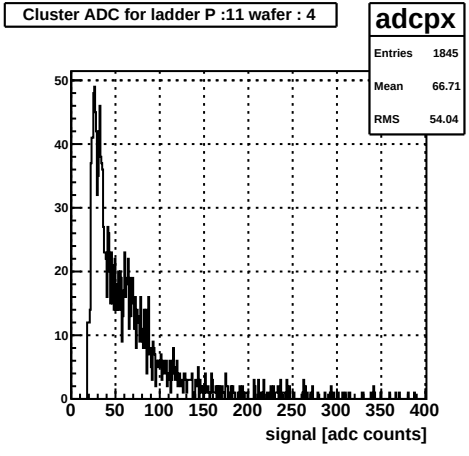

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1608
Mean 101.3
RMS 64.69
signal [adc counts]

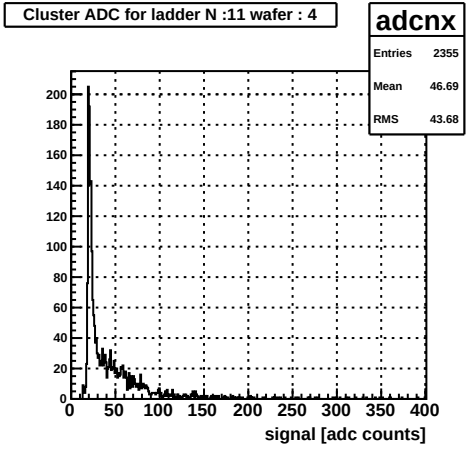

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3177
Mean 39.56
RMS 42.06
signal [adc counts]

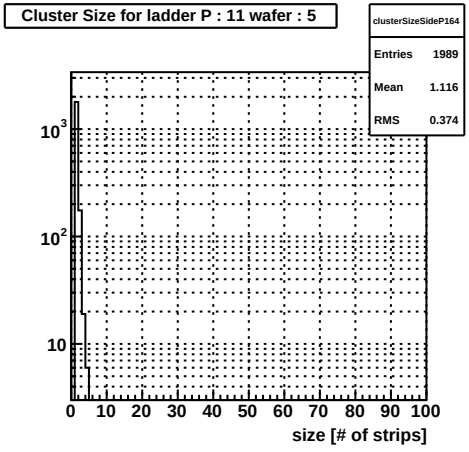

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1845
Mean 1.246
RMS 0.5692
size [# of strips]

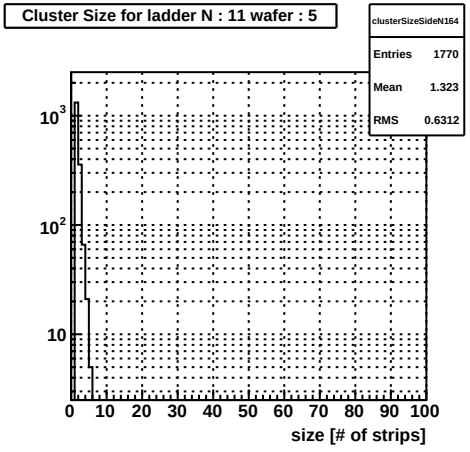

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 2355
Mean 1.411
RMS 0.7739
size [# of strips]

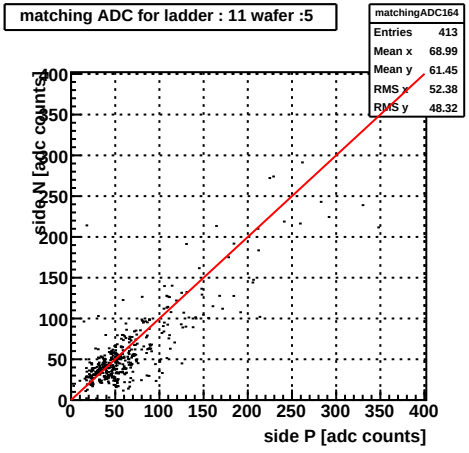

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 697
Mean x 72.07
Mean y 62.56
RMS x 57.8
RMS y 50.82
side N [adc counts]
side P [adc counts]

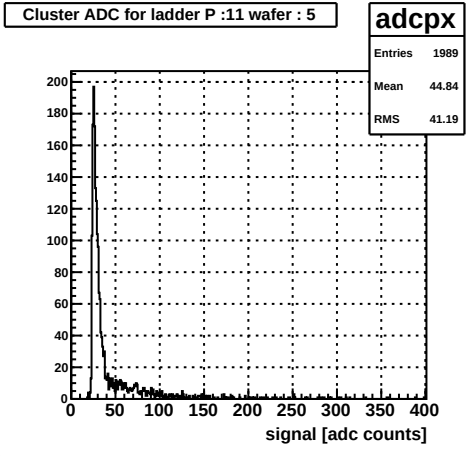

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1845
Mean 66.71
RMS 54.04
signal [adc counts]

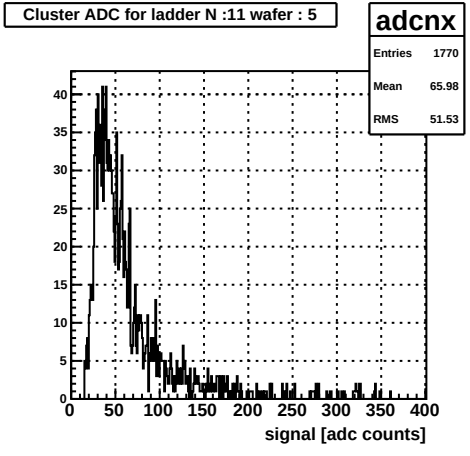

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 2355
Mean 46.69
RMS 43.68
signal [adc counts]

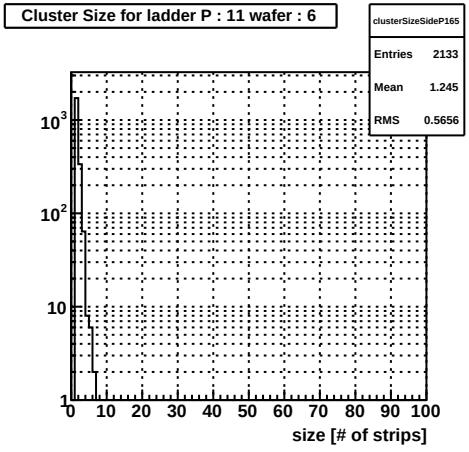

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 1989
Mean 1.116
RMS 0.374
size [# of strips]

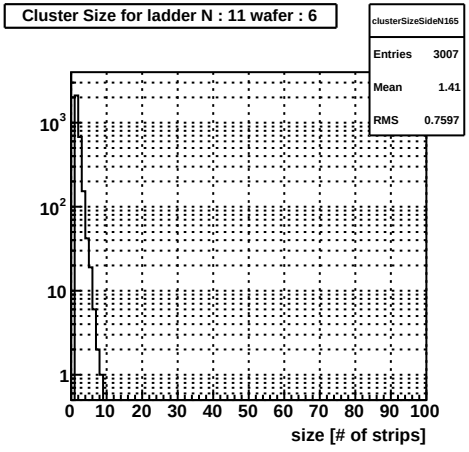

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1770
Mean 1.323
RMS 0.6312
size [# of strips]

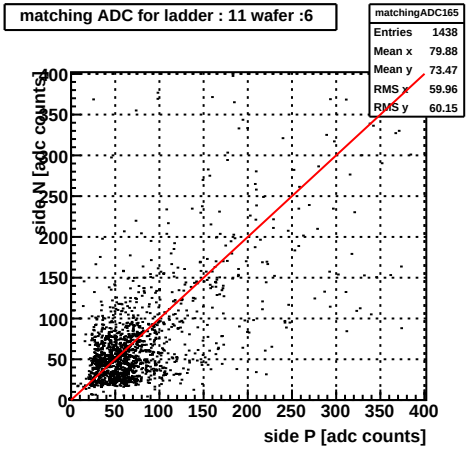

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 413
Mean x 68.99
Mean y 61.45
RMS x 52.38
RMS y 48.32
side N [adc counts]
side P [adc counts]

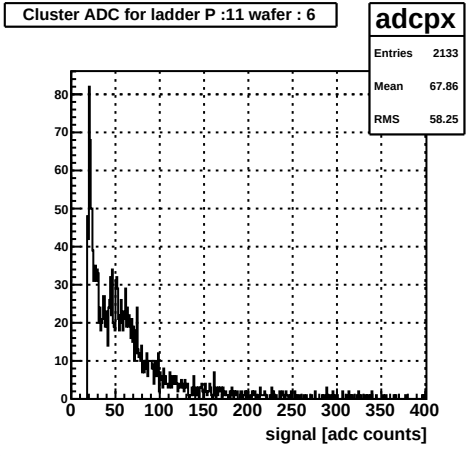

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 1989
Mean 44.84
RMS 41.19
signal [adc counts]

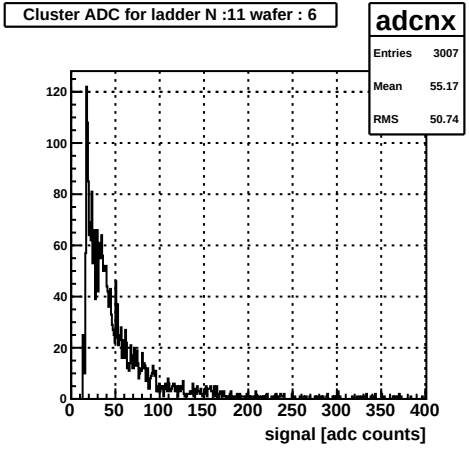

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1770
Mean 65.98
RMS 51.53
signal [adc counts]

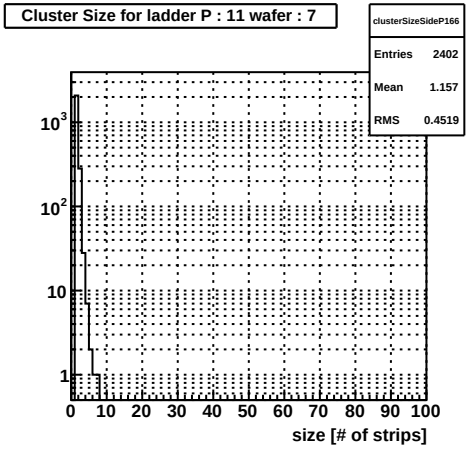

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2133
Mean 1.245
RMS 0.5656
size [# of strips]

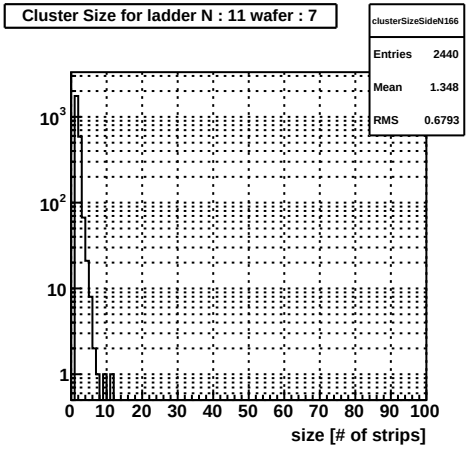

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3007
Mean 1.41
RMS 0.7597
size [# of strips]

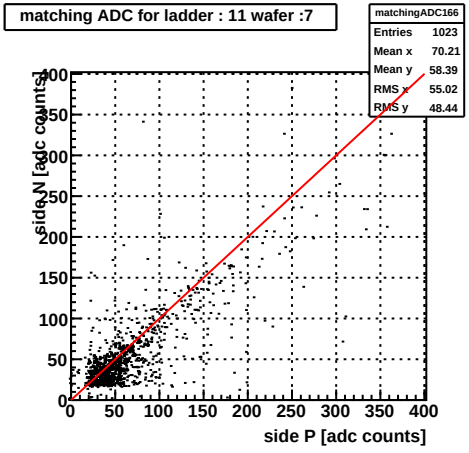

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1438
Mean x 79.88
Mean y 73.47
RMS x 59.96
RMS y 60.15
side N [adc counts]
side P [adc counts]

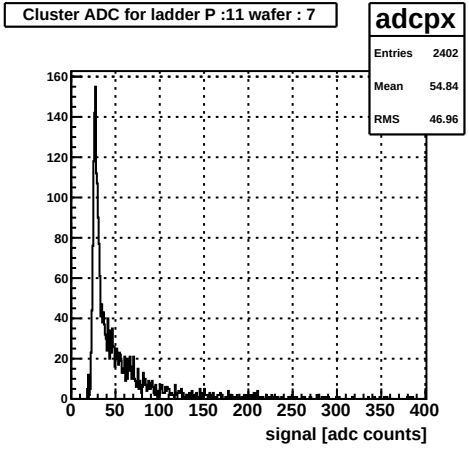

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2133
Mean 67.86
RMS 58.25
signal [adc counts]

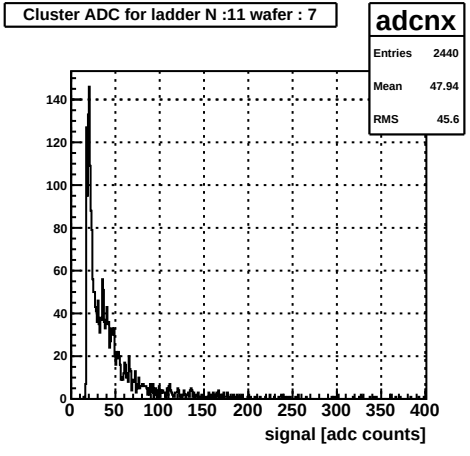

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3007
Mean 55.17
RMS 50.74
signal [adc counts]

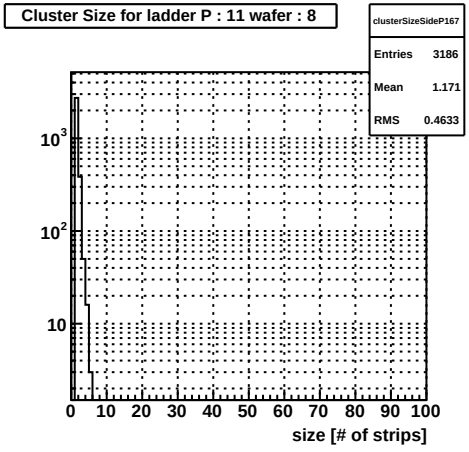

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2402
Mean 1.157
RMS 0.4519
size [# of strips]

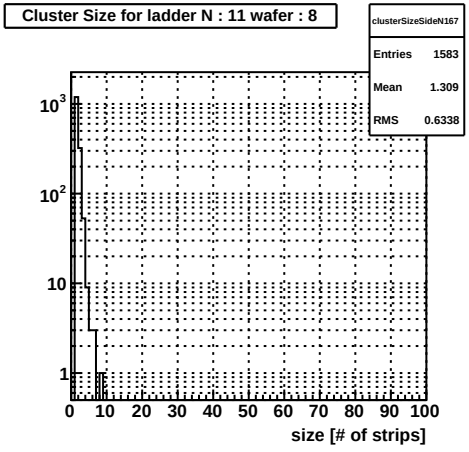

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2440
Mean 1.348
RMS 0.6793
size [# of strips]

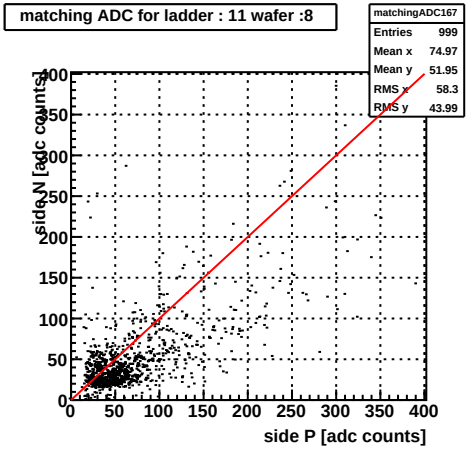

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1023
Mean x 70.21
Mean y 58.39
RMS x 55.02
RMS y 48.44
side N [adc counts]
side P [adc counts]

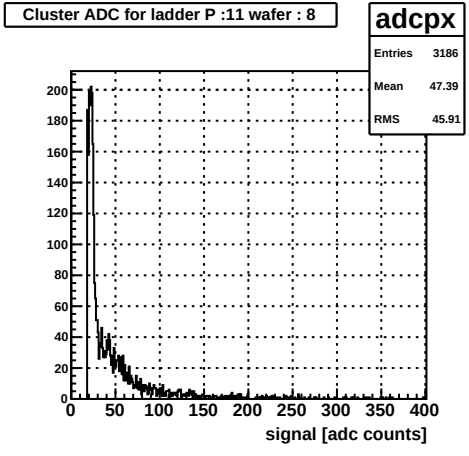

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2402
Mean 54.84
RMS 46.96
signal [adc counts]

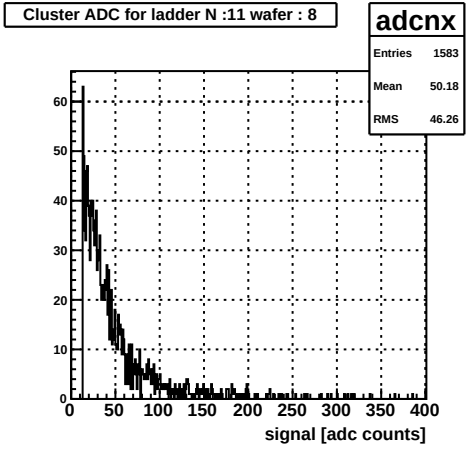

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2440
Mean 47.94
RMS 45.6
signal [adc counts]

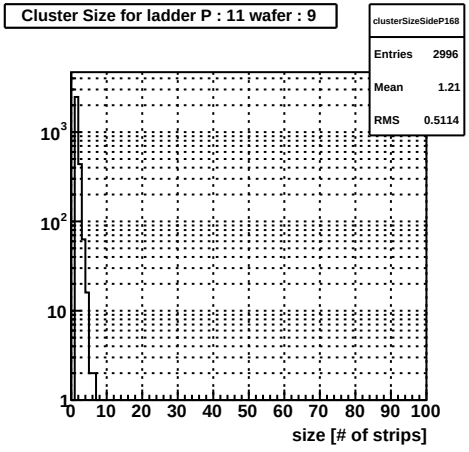

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3186
Mean 1.171
RMS 0.4633
size [# of strips]

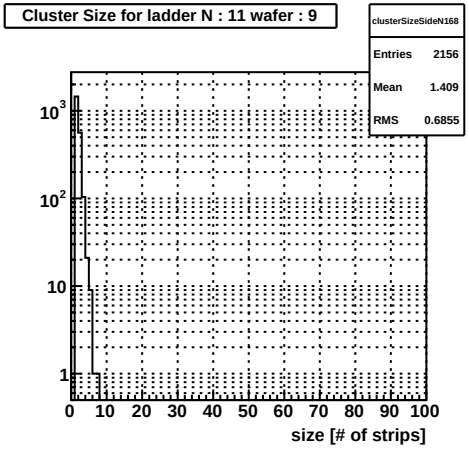

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1583
Mean 1.309
RMS 0.6338
size [# of strips]

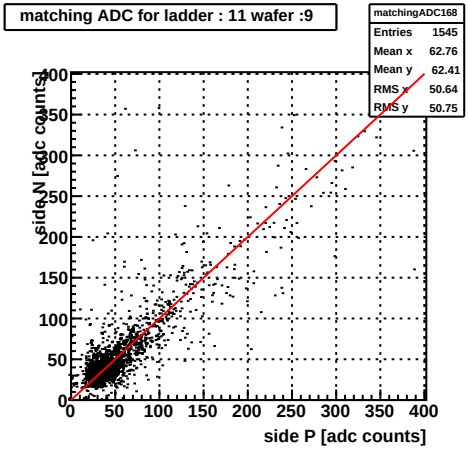

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 999
Mean x 74.97
Mean y 51.95
RMS x 58.3
RMS y 43.99
side N [adc counts]
side P [adc counts]

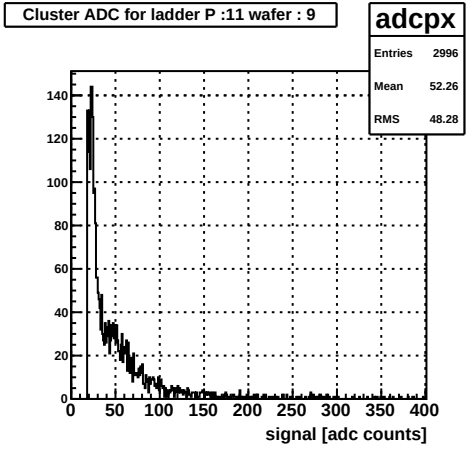

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3186
Mean 47.39
RMS 45.91
signal [adc counts]

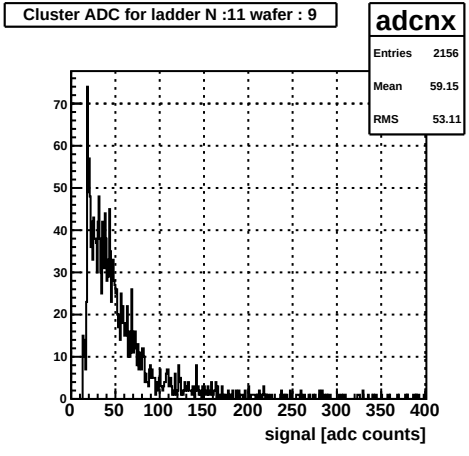

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1583
Mean 50.18
RMS 46.26
signal [adc counts]

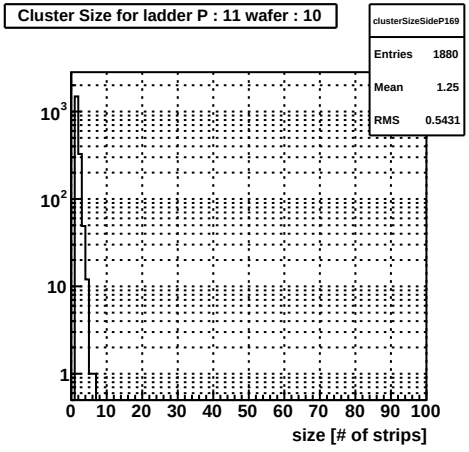

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2996
Mean 1.21
RMS 0.5114
size [# of strips]

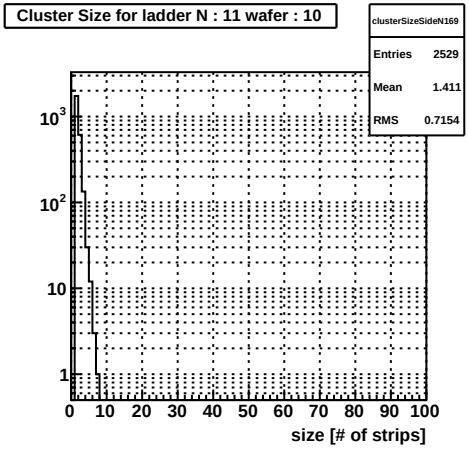

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2156
Mean 1.409
RMS 0.6855
size [# of strips]

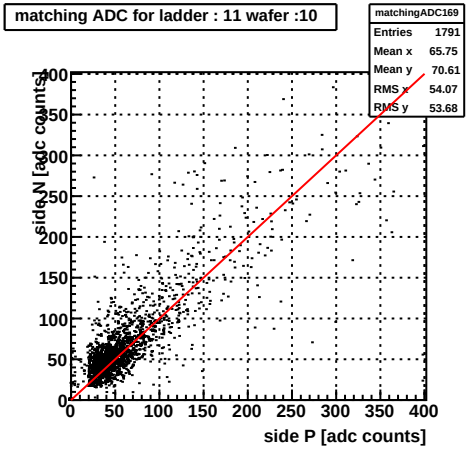

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1545
Mean x 62.76
Mean y 62.41
RMS x 50.64
RMS y 50.75
side N [adc counts]
side P [adc counts]

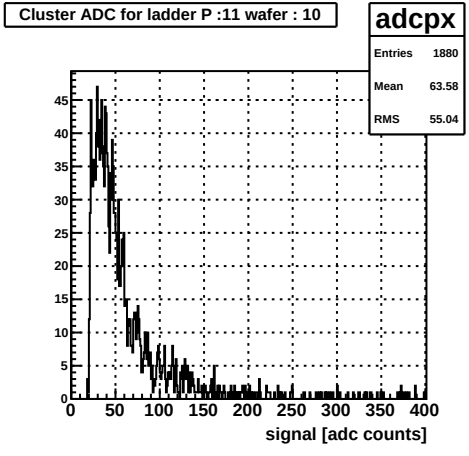

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2996
Mean 52.26
RMS 48.28
signal [adc counts]

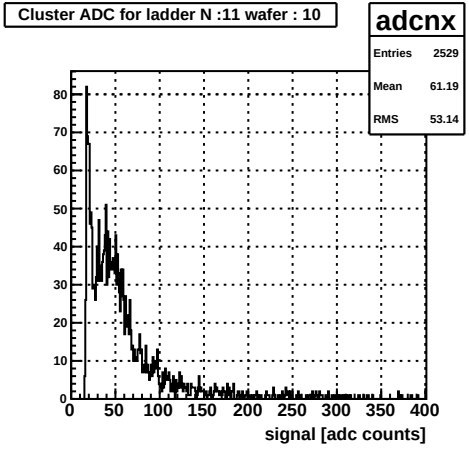

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2156
Mean 59.15
RMS 53.11
signal [adc counts]

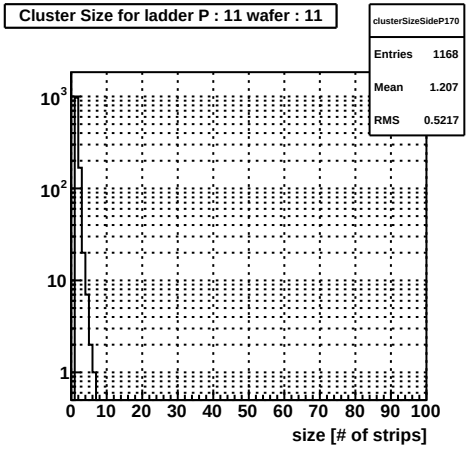

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1880
Mean 1.25
RMS 0.5431
size [# of strips]

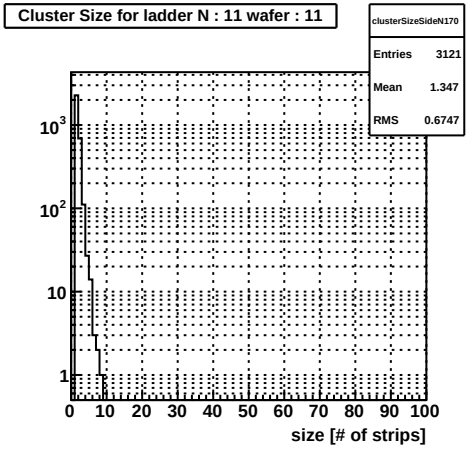

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2529
Mean 1.411
RMS 0.7154
size [# of strips]

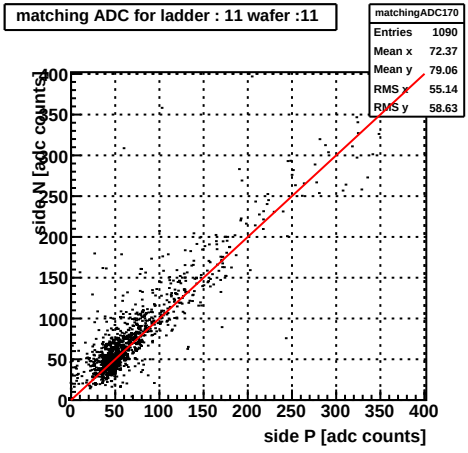

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1791
Mean x 65.75
Mean y 70.61
RMS x 54.07
RMS y 53.68
side N [adc counts]
side P [adc counts]

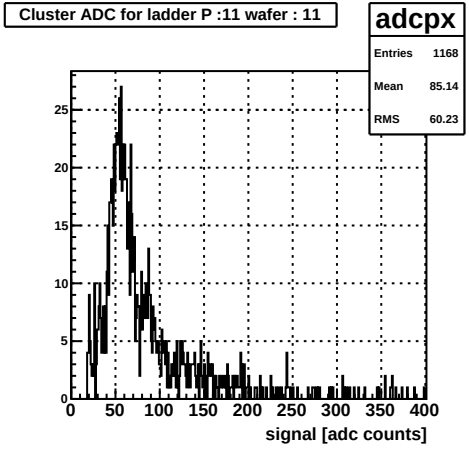

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1880
Mean 63.58
RMS 55.04
signal [adc counts]

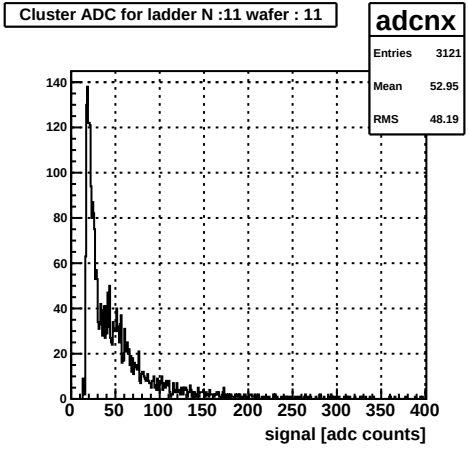

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2529
Mean 61.19
RMS 53.14
signal [adc counts]

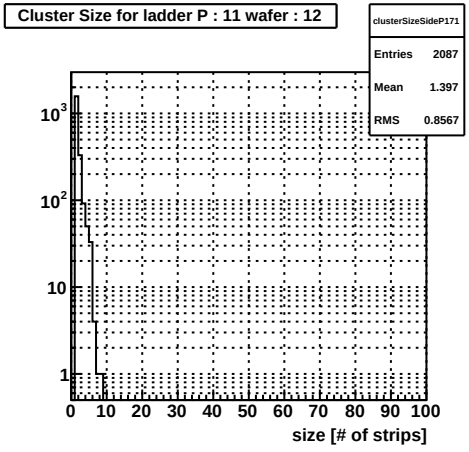

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1168
Mean 1.207
RMS 0.5217
size [# of strips]

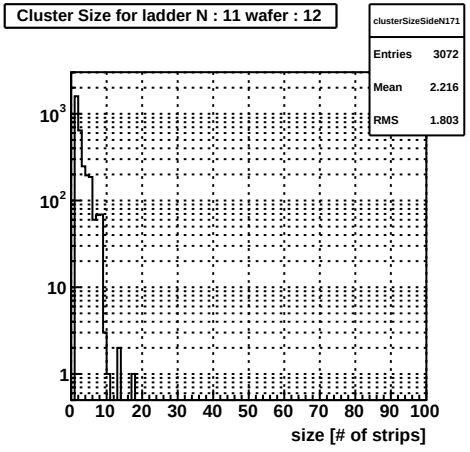

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3121
Mean 1.347
RMS 0.6747
size [# of strips]

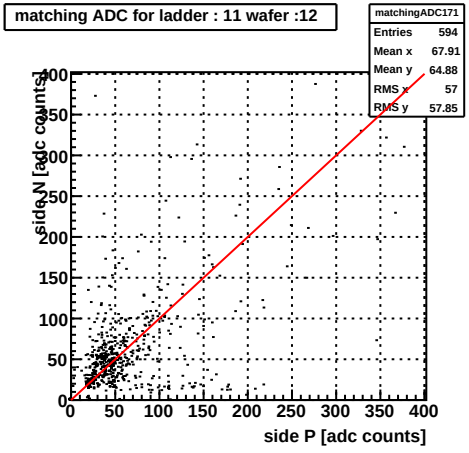

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1090
Mean x 72.37
Mean y 79.06
RMS x 55.14
RMS y 58.63
side N [adc counts]
side P [adc counts]

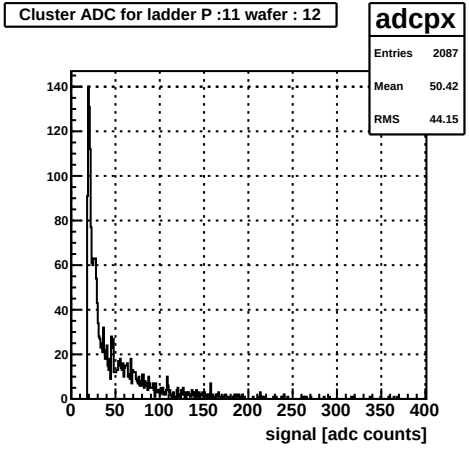

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1168
Mean 85.14
RMS 60.23
signal [adc counts]

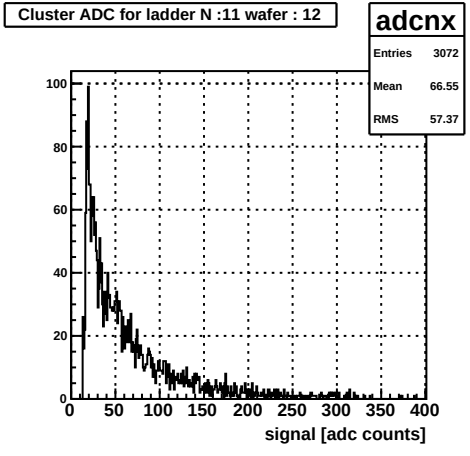

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3121
Mean 52.95
RMS 48.19
signal [adc counts]

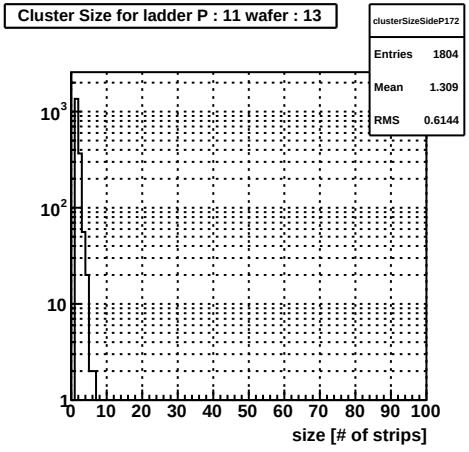

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 2087
Mean 1.397
RMS 0.8567
size [# of strips]

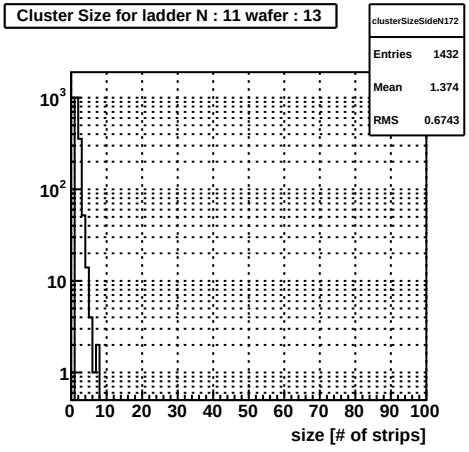

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 3072
Mean 2.216
RMS 1.803
size [# of strips]

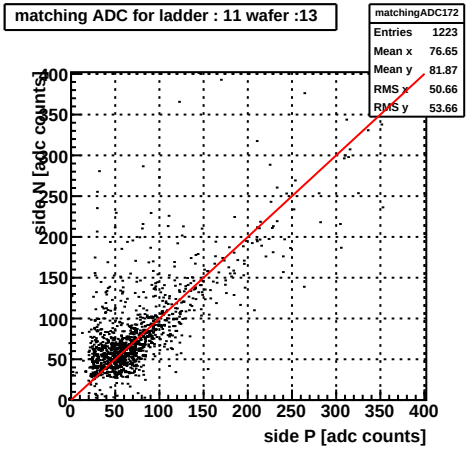

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 594
Mean x 67.91
Mean y 64.88
RMS x 57
RMS y 57.85
side N [adc counts]
side P [adc counts]

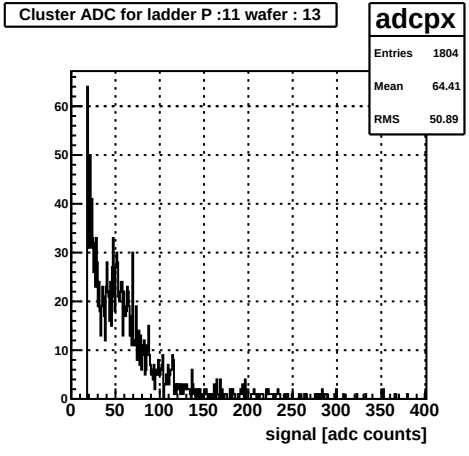

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 2087
Mean 50.42
RMS 44.15
signal [adc counts]

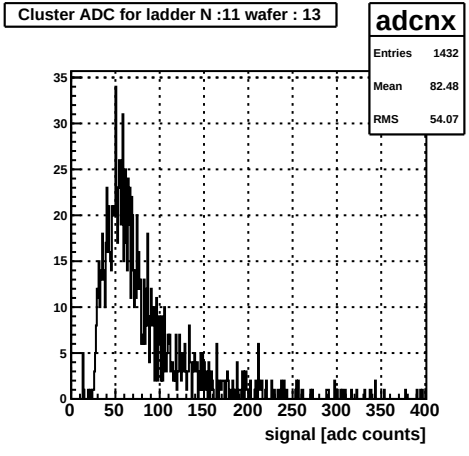

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 3072
Mean 66.55
RMS 57.37
signal [adc counts]

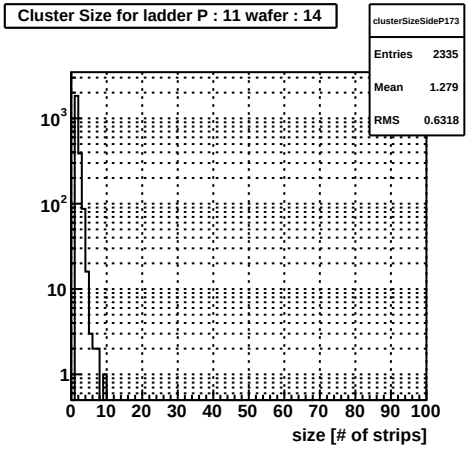

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1804
Mean 1.309
RMS 0.6144
size [# of strips]

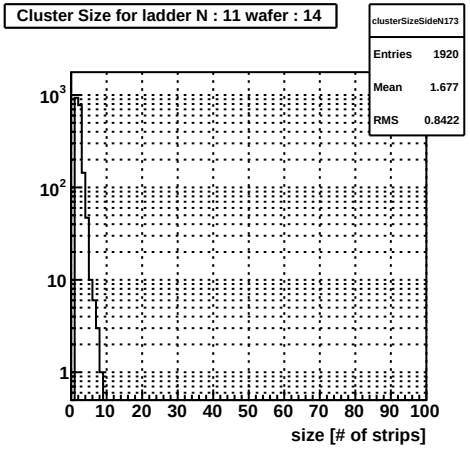

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1432
Mean 1.374
RMS 0.6743
size [# of strips]

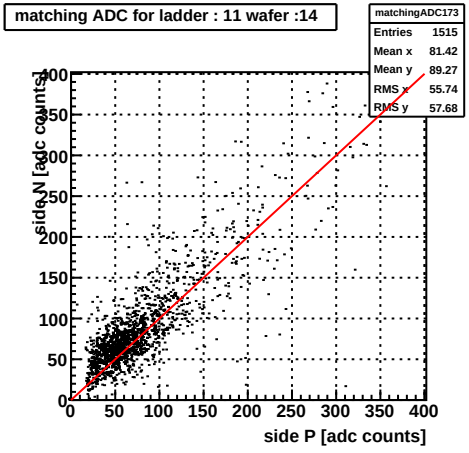

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1223
Mean x 76.65
Mean y 81.87
RMS x 50.66
RMS y 53.66
side N [adc counts]
side P [adc counts]

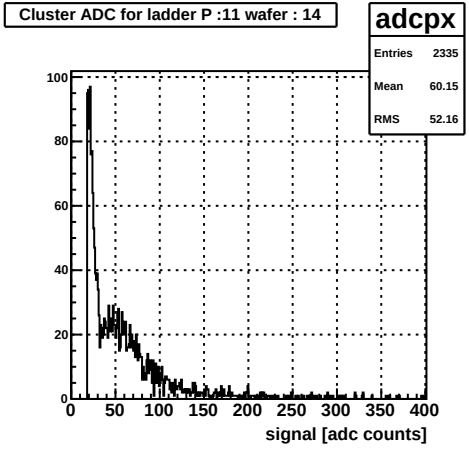

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1804
Mean 64.41
RMS 50.89
signal [adc counts]

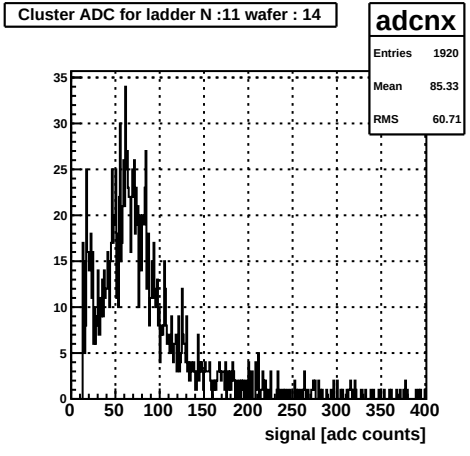

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1432
Mean 82.48
RMS 54.07
signal [adc counts]

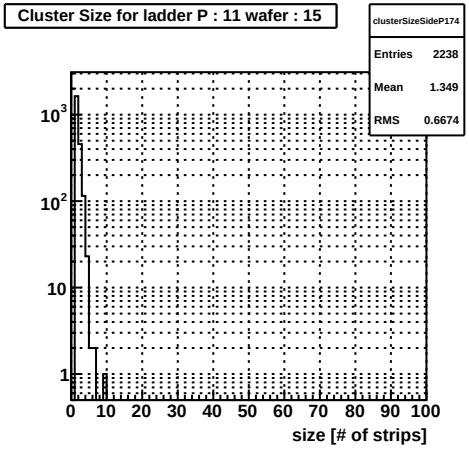

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2335
Mean 1.279
RMS 0.6318
size [# of strips]

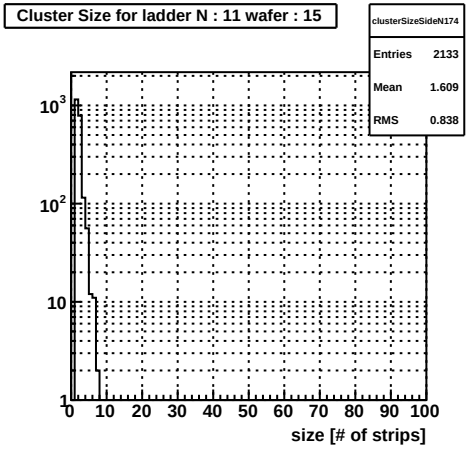

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1920
Mean 1.677
RMS 0.8422
size [# of strips]

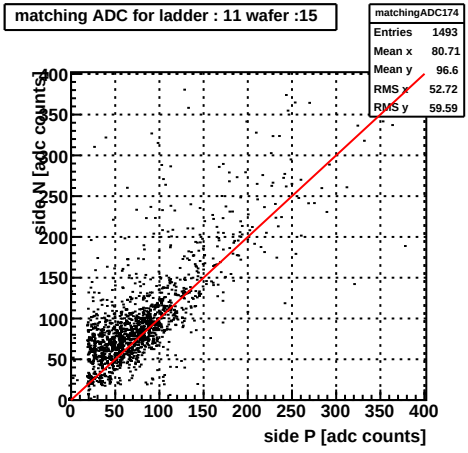

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1515
Mean x 81.42
Mean y 89.27
RMS x 55.74
RMS y 57.68
side N [adc counts]
side P [adc counts]

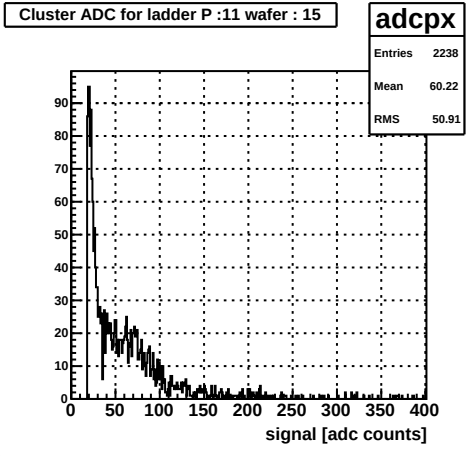

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2335
Mean 60.15
RMS 52.16
signal [adc counts]

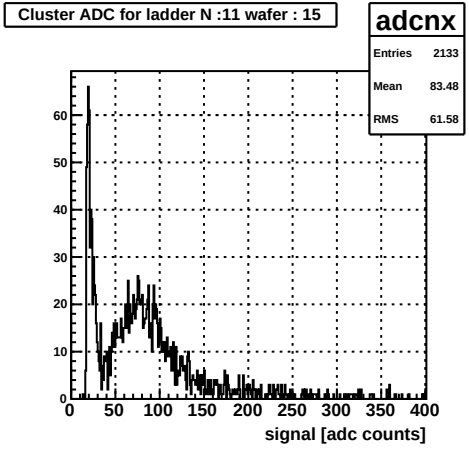

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1920
Mean 85.33
RMS 60.71
signal [adc counts]

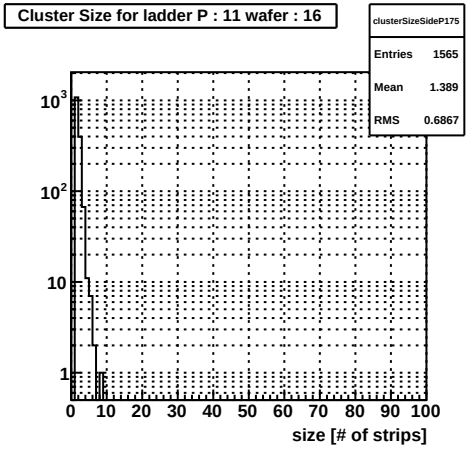

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2238
Mean 1.349
RMS 0.6674
size [# of strips]

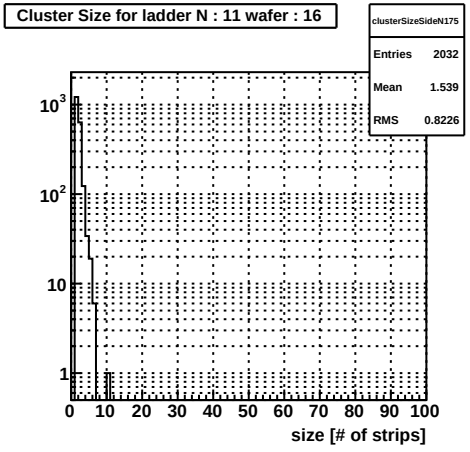

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2133
Mean 1.609
RMS 0.838
size [# of strips]

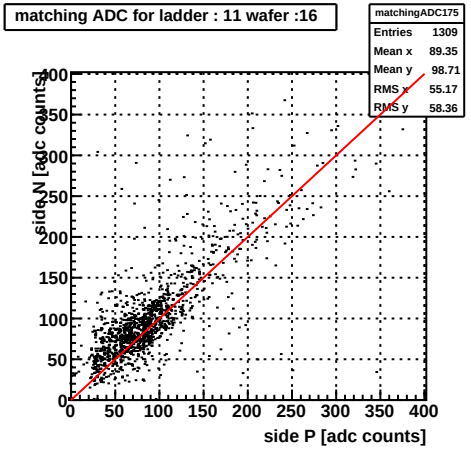

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1493
Mean x 80.71
Mean y 96.6
RMS x 52.72
RMS y 59.59
side N [adc counts]
side P [adc counts]

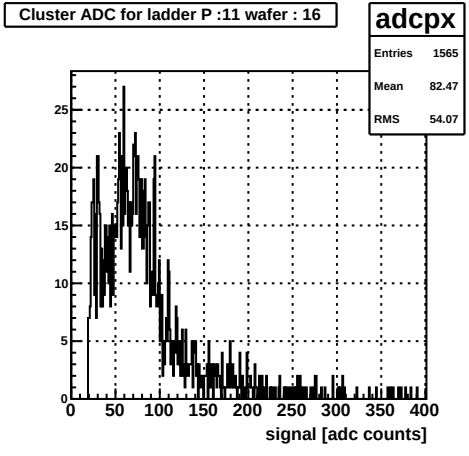

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2238
Mean 60.22
RMS 50.91
signal [adc counts]

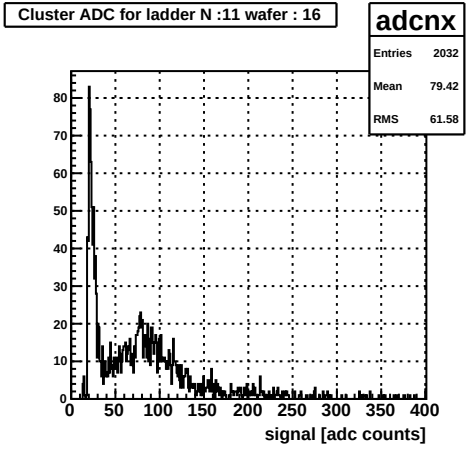

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2133
Mean 83.48
RMS 61.58
signal [adc counts]

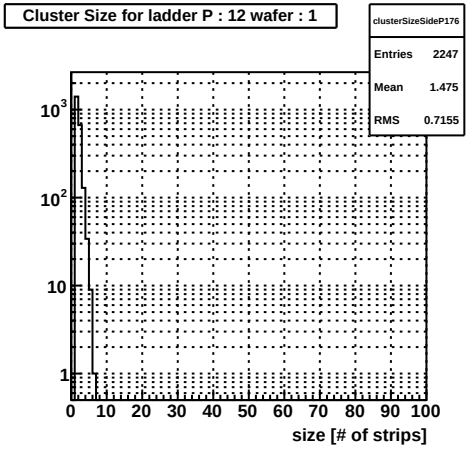

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1565
Mean 1.389
RMS 0.6867
size [# of strips]

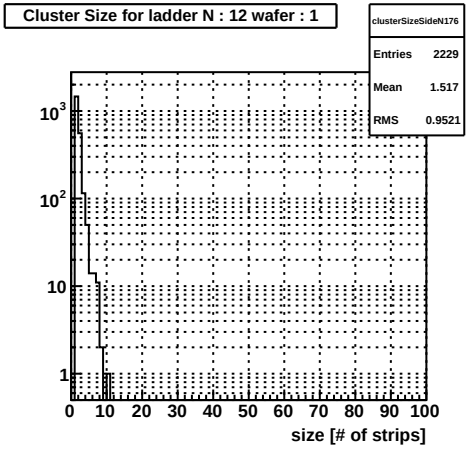

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2032
Mean 1.539
RMS 0.8226
size [# of strips]

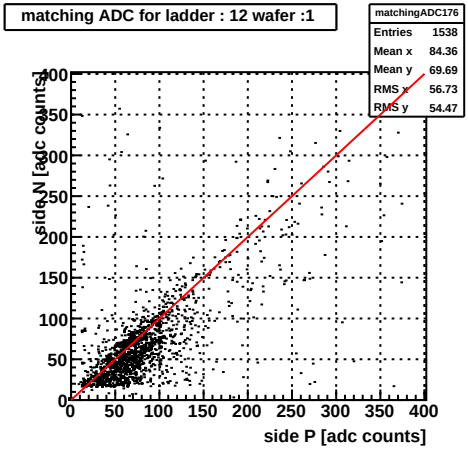

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1309
Mean x 89.35
Mean y 98.71
RMS x 55.17
RMS y 58.36
side N [adc counts]
side P [adc counts]

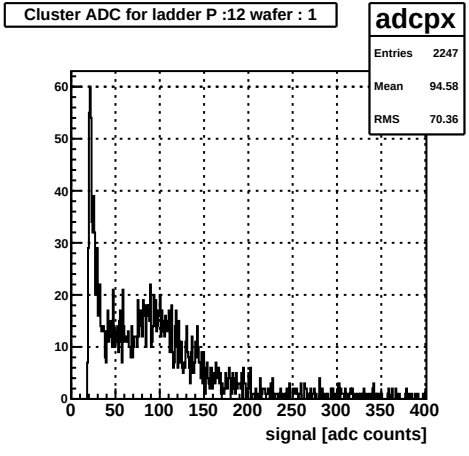

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1565
Mean 82.47
RMS 54.07
signal [adc counts]

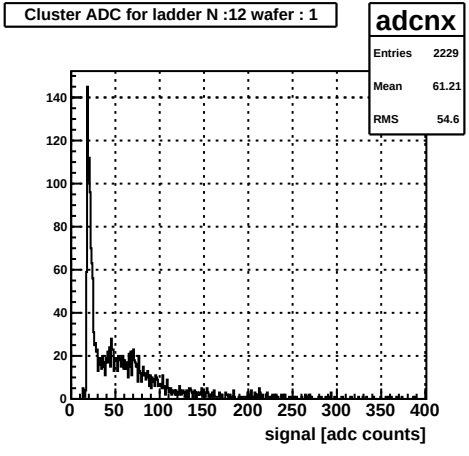

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2032
Mean 79.42
RMS 61.58
signal [adc counts]

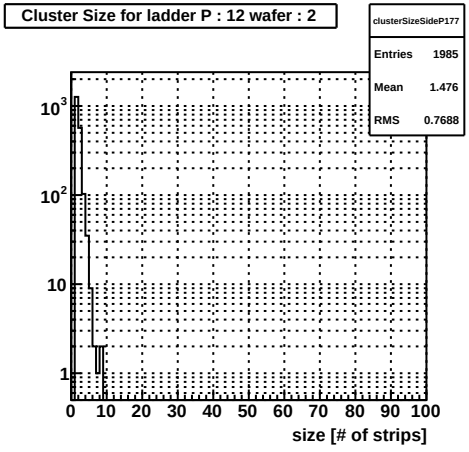

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2247
Mean 1.475
RMS 0.7155
size [# of strips]

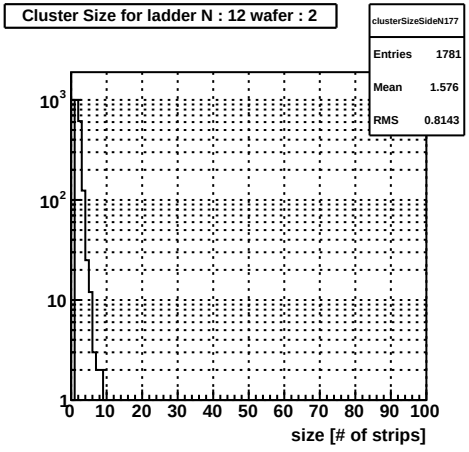

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2229
Mean 1.517
RMS 0.9521
size [# of strips]

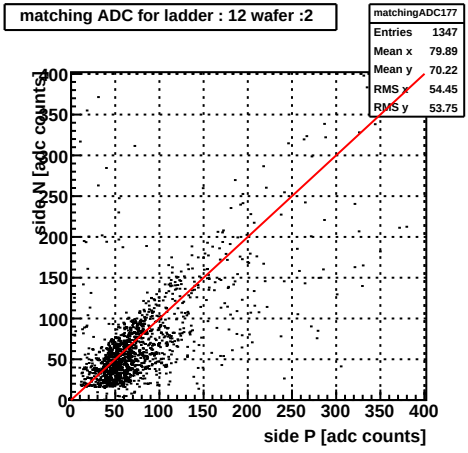

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1538
Mean x 84.36
Mean y 69.69
RMS x 56.73
RMS y 54.47
side N [adc counts]
side P [adc counts]

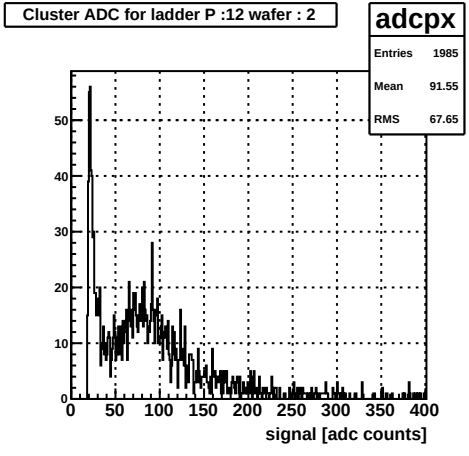

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2247
Mean 94.58
RMS 70.36
signal [adc counts]

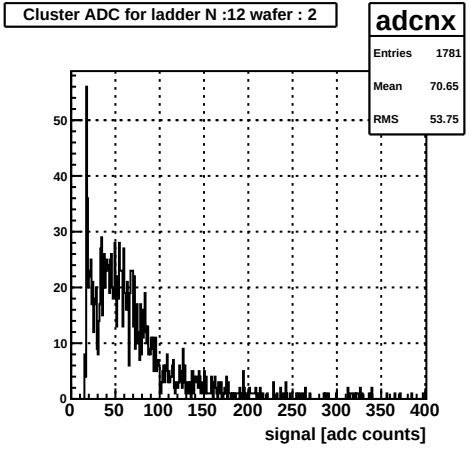

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2229
Mean 61.21
RMS 54.6
signal [adc counts]

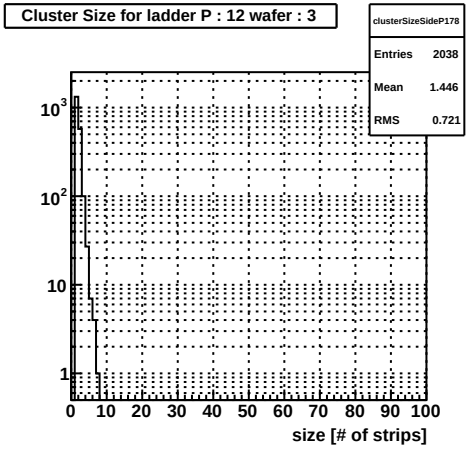

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1985
Mean 1.476
RMS 0.7688
size [# of strips]

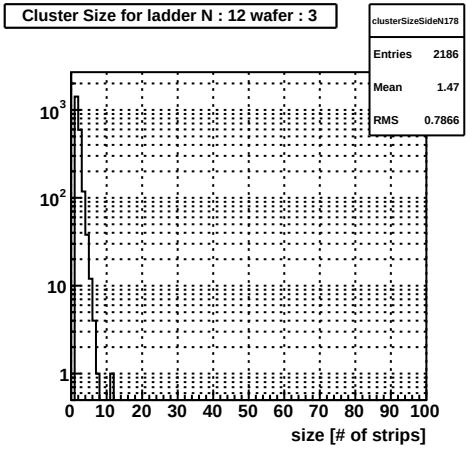

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1781
Mean 1.576
RMS 0.8143
size [# of strips]

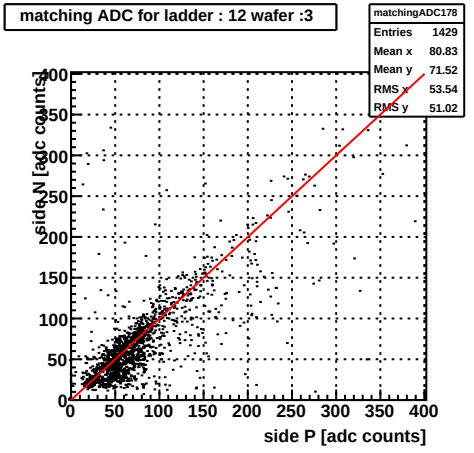

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1347
Mean x 79.89
Mean y 70.22
RMS x 54.45
RMS y 53.75
side N [adc counts]
side P [adc counts]

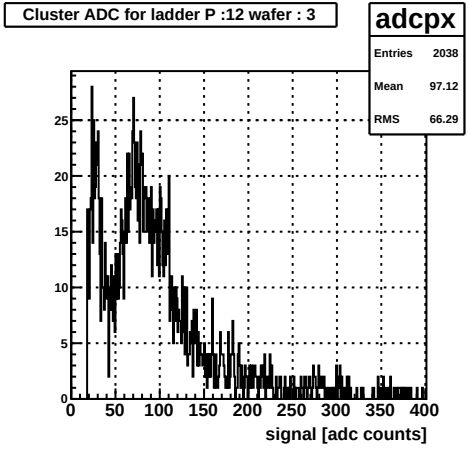

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1985
Mean 91.55
RMS 67.65
signal [adc counts]

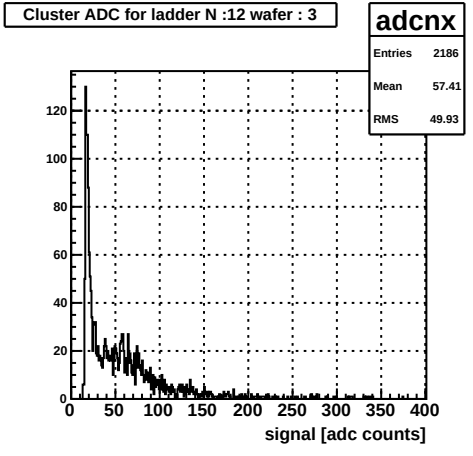

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1781
Mean 70.65
RMS 53.75
signal [adc counts]

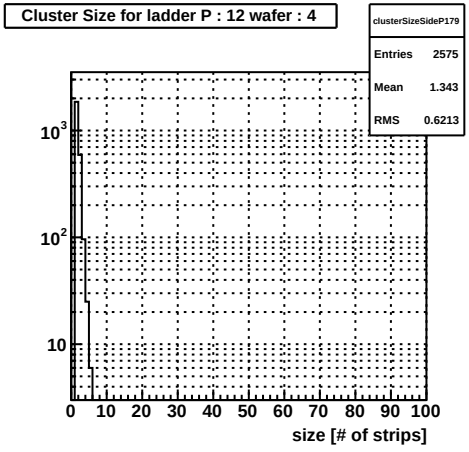

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2038
Mean 1.446
RMS 0.721
size [# of strips]

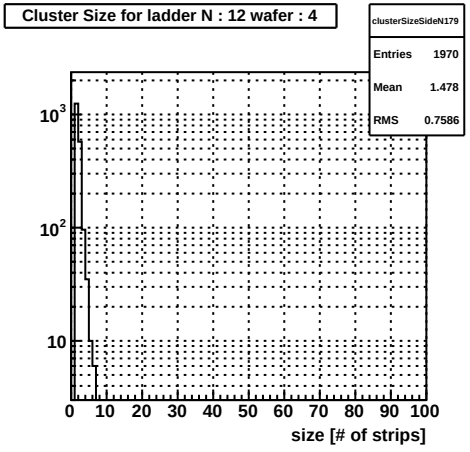

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2186
Mean 1.47
RMS 0.7866
size [# of strips]

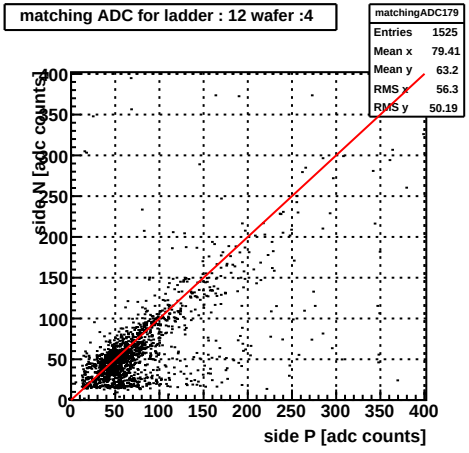

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1429
Mean x 80.83
Mean y 71.52
RMS x 53.54
RMS y 51.02
side N [adc counts]
side P [adc counts]

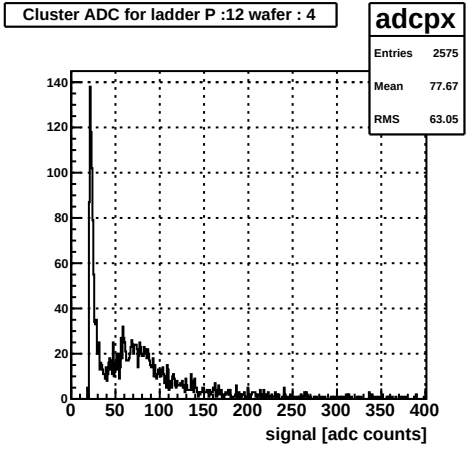

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2038
Mean 97.12
RMS 66.29
signal [adc counts]

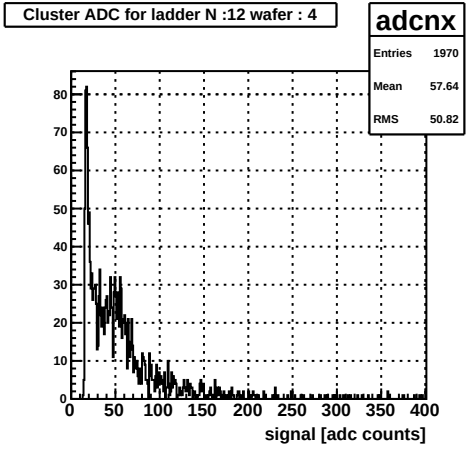

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2186
Mean 57.41
RMS 49.93
signal [adc counts]

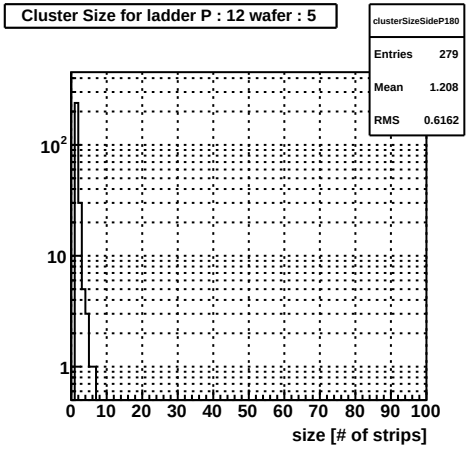

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2575
Mean 1.343
RMS 0.6213
size [# of strips]

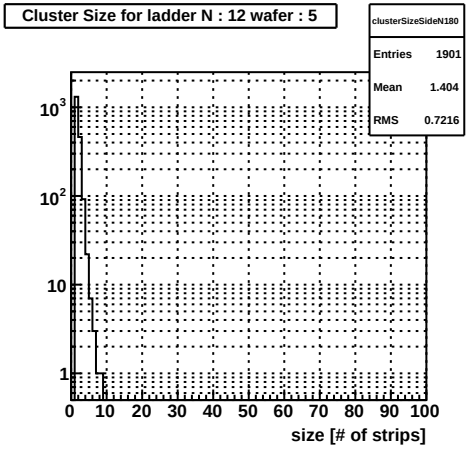

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1970
Mean 1.478
RMS 0.7586
size [# of strips]

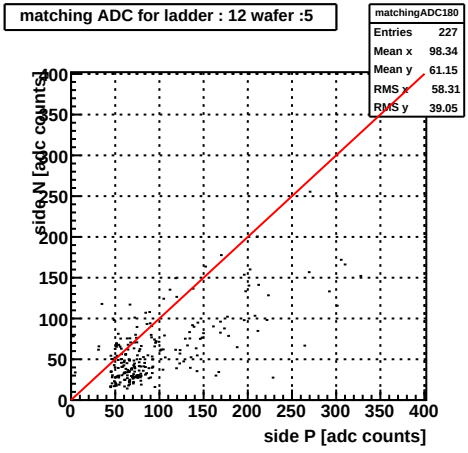

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1525
Mean x 79.41
Mean y 63.2
RMS x 56.3
RMS y 50.19
side N [adc counts]
side P [adc counts]

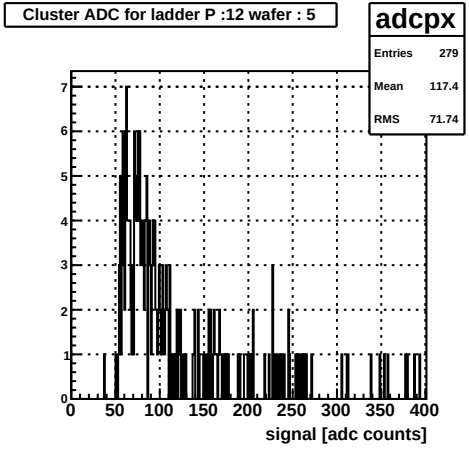

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2575
Mean 77.67
RMS 63.05
signal [adc counts]

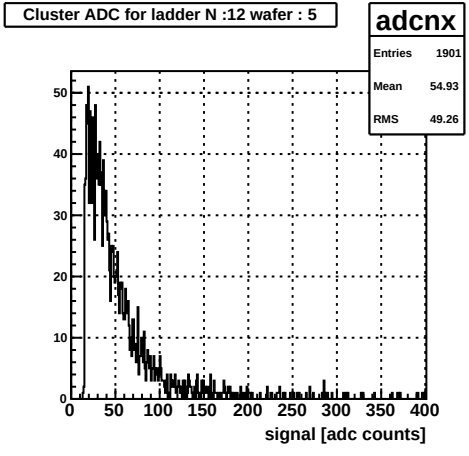

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1970
Mean 57.64
RMS 50.82
signal [adc counts]

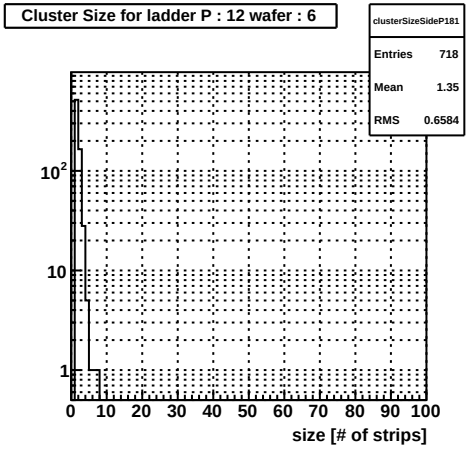

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 279
Mean 1.208
RMS 0.6162
size [# of strips]

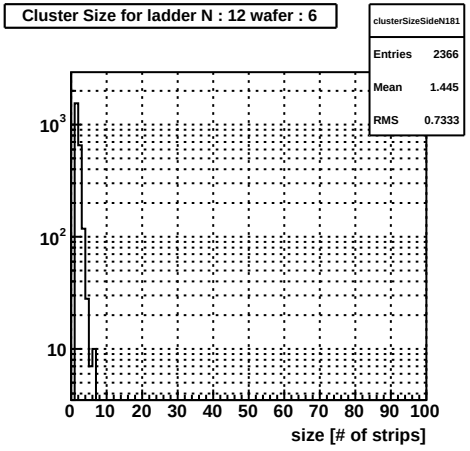

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1901
Mean 1.404
RMS 0.7216
size [# of strips]

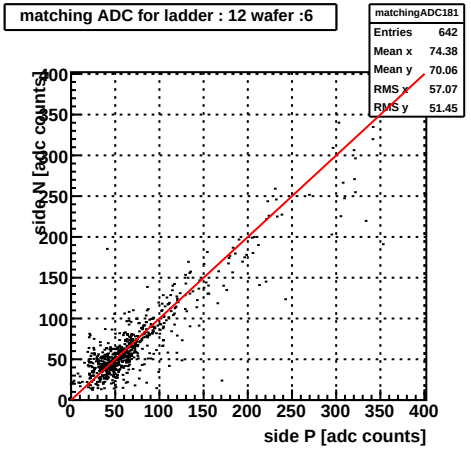

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 227
Mean x 98.34
Mean y 61.15
RMS x 58.31
RMS y 39.05
side N [adc counts]
side P [adc counts]

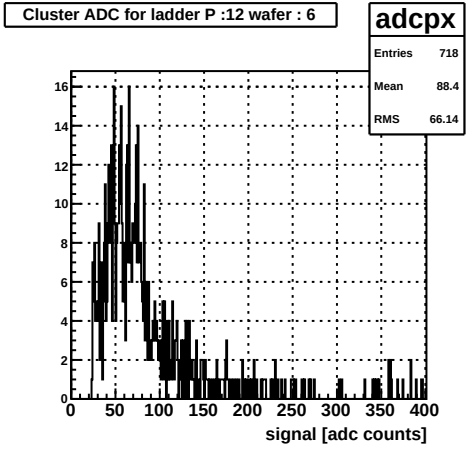

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 279
Mean 117.4
RMS 71.74
signal [adc counts]

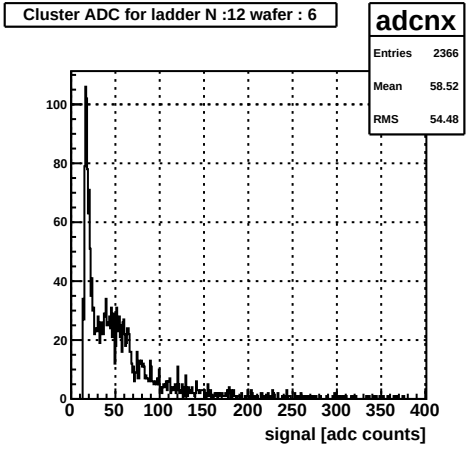

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1901
Mean 54.93
RMS 49.26
signal [adc counts]

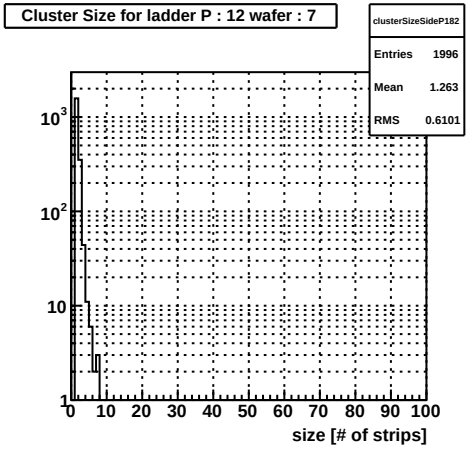

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 718
Mean 1.35
RMS 0.6584
size [# of strips]

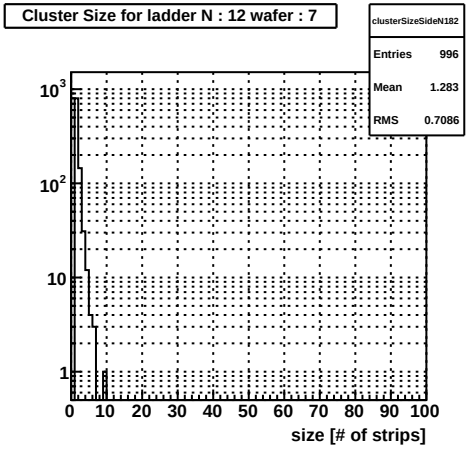

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2366
Mean 1.445
RMS 0.7333
size [# of strips]

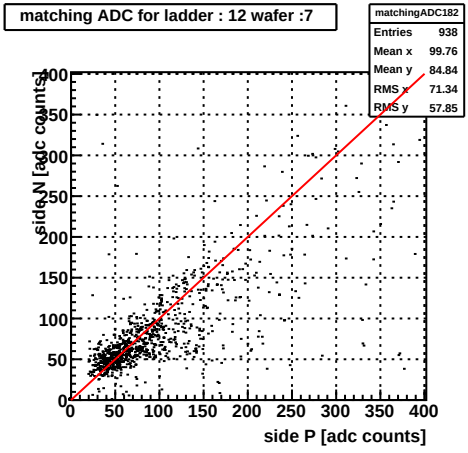

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 642
Mean x 74.38
Mean y 70.06
RMS x 57.07
RMS y 51.45
side N [adc counts]
side P [adc counts]

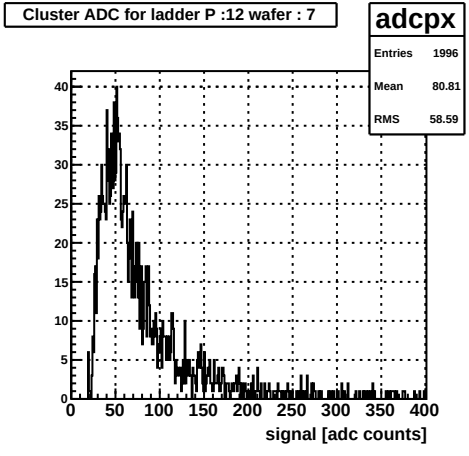

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 718
Mean 88.4
RMS 66.14
signal [adc counts]

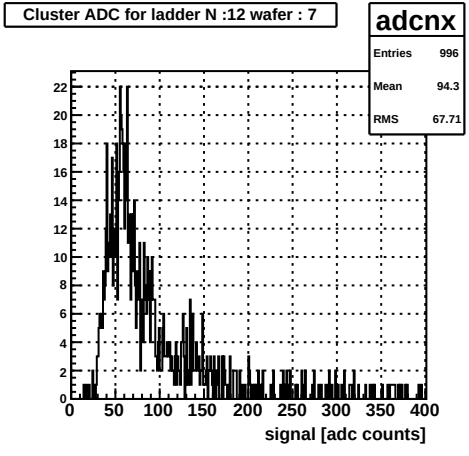

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2366
Mean 58.52
RMS 54.48
signal [adc counts]

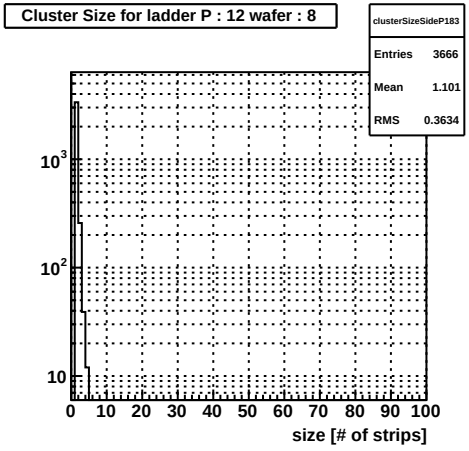

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1996
Mean 1.263
RMS 0.6101
size [# of strips]

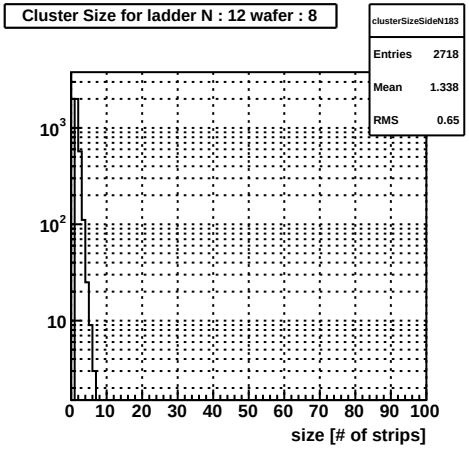

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 996
Mean 1.283
RMS 0.7086
size [# of strips]

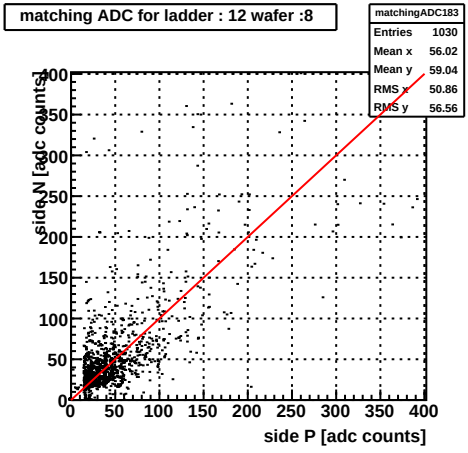

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 938
Mean x 99.76
Mean y 84.84
RMS x 71.34
RMS y 57.85
side N [adc counts]
side P [adc counts]

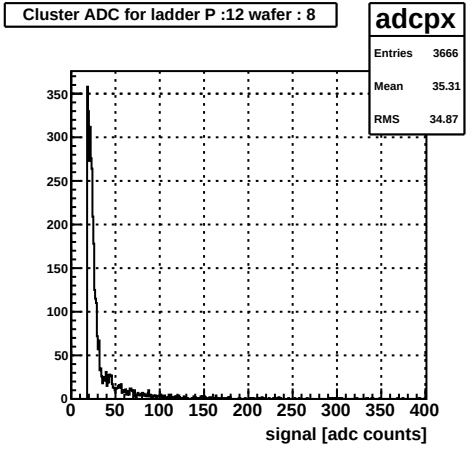

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1996
Mean 80.81
RMS 58.59
signal [adc counts]

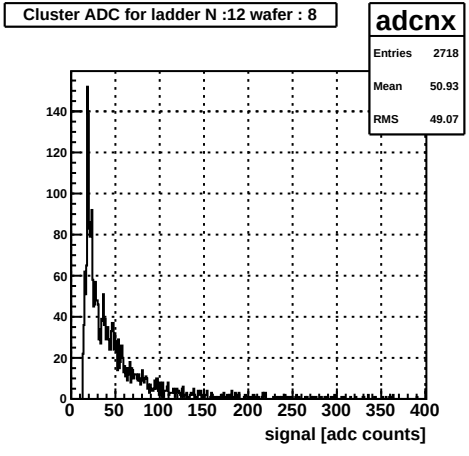

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 996
Mean 94.3
RMS 67.71
signal [adc counts]

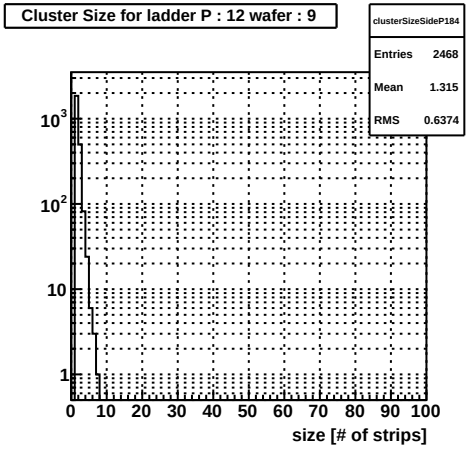

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 3666
Mean 1.101
RMS 0.3634
size [# of strips]

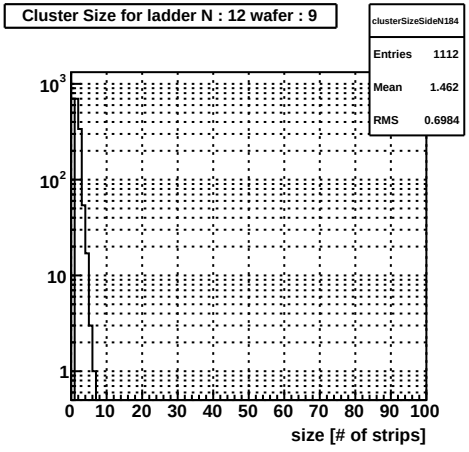

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2718
Mean 1.338
RMS 0.65
size [# of strips]

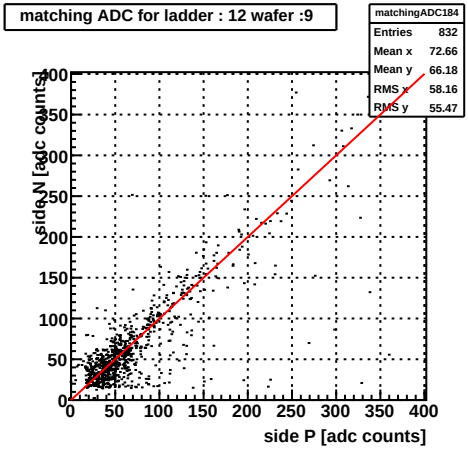

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1030
Mean x 56.02
Mean y 59.04
RMS x 50.86
RMS y 56.56
side N [adc counts]
side P [adc counts]

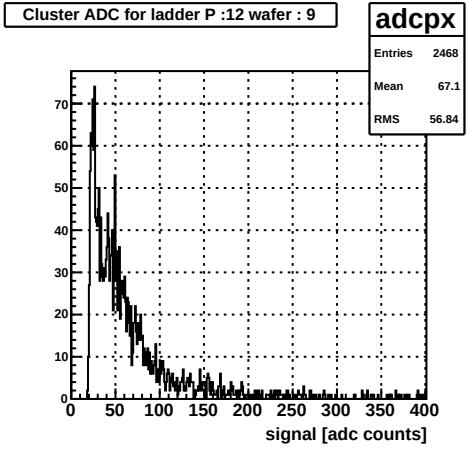

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 3666
Mean 35.31
RMS 34.87
signal [adc counts]

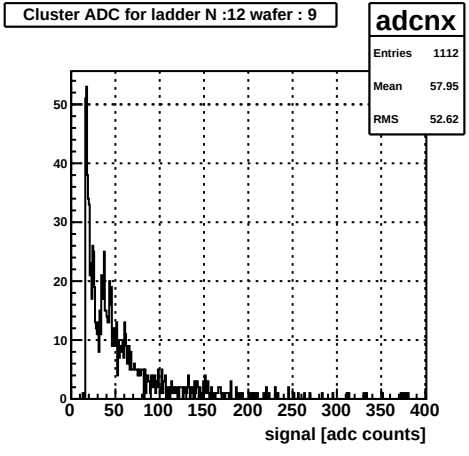

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2718
Mean 50.93
RMS 49.07
signal [adc counts]

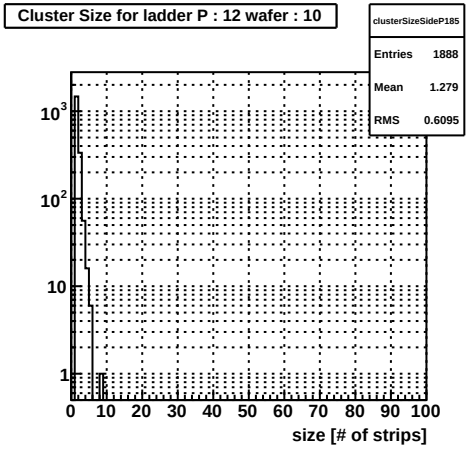

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2468
Mean 1.315
RMS 0.6374
size [# of strips]

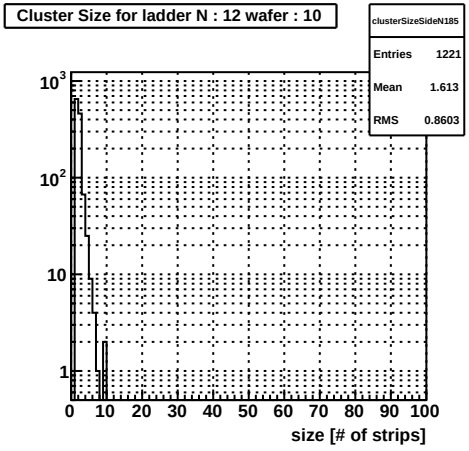

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1112
Mean 1.462
RMS 0.6984
size [# of strips]

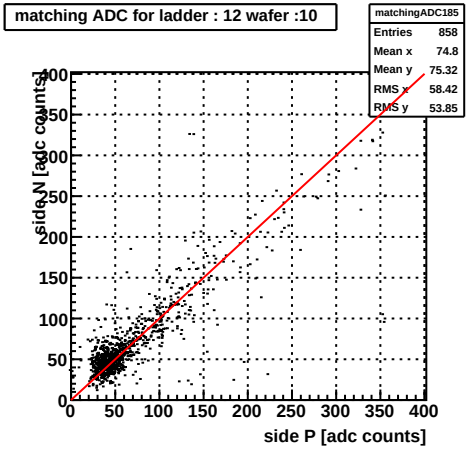

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 832
Mean x 72.66
Mean y 66.18
RMS x 58.16
RMS y 55.47
side N [adc counts]
side P [adc counts]

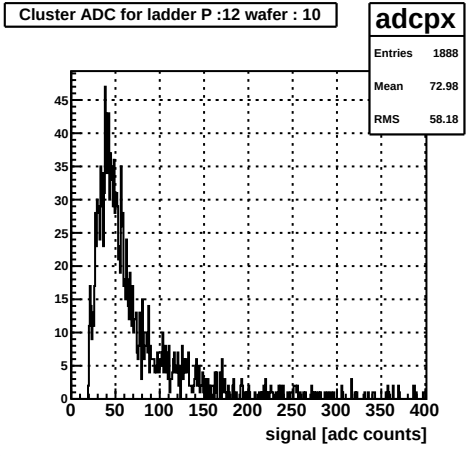

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2468
Mean 67.1
RMS 56.84
signal [adc counts]

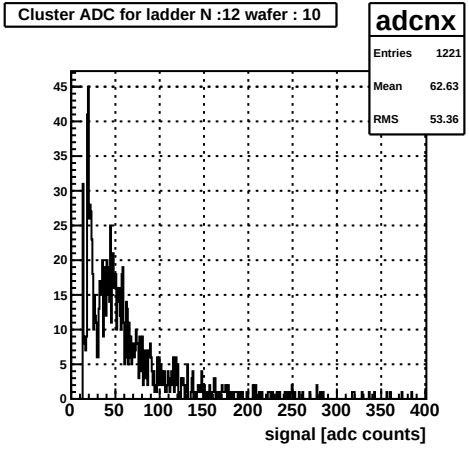

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1112
Mean 57.95
RMS 52.62
signal [adc counts]

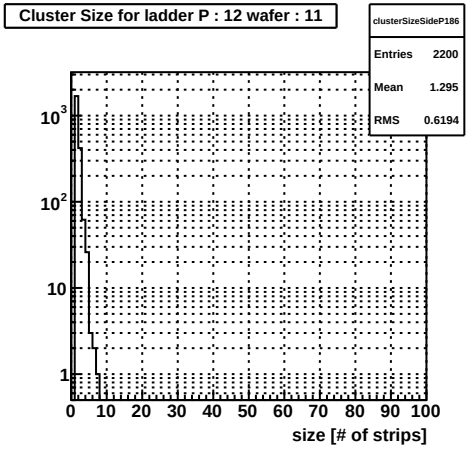

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1888
Mean 1.279
RMS 0.6095
size [# of strips]

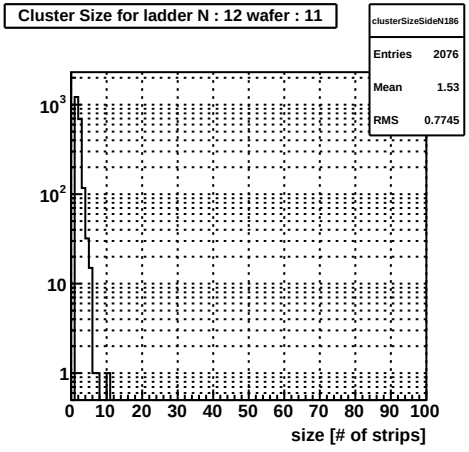

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1221
Mean 1.613
RMS 0.8603
size [# of strips]

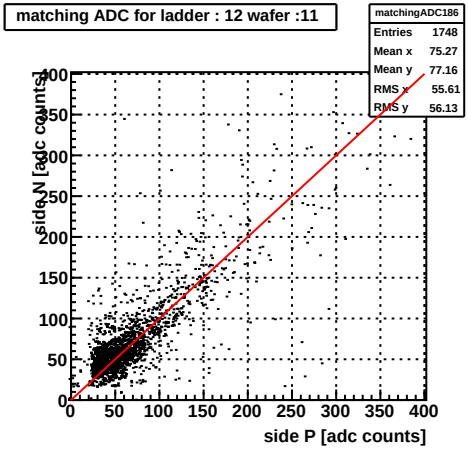

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 858
Mean x 74.8
Mean y 75.32
RMS x 58.42
RMS y 53.85
side N [adc counts]
side P [adc counts]

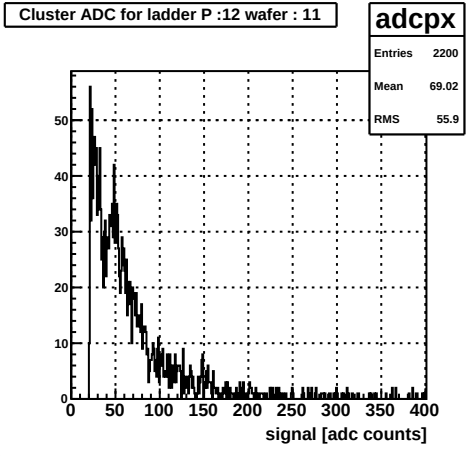

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1888
Mean 72.98
RMS 58.18
signal [adc counts]

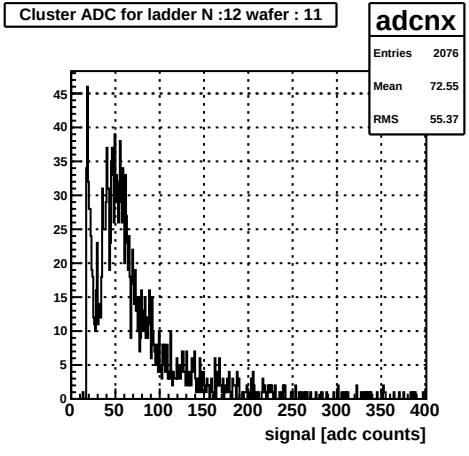

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1221
Mean 62.63
RMS 53.36
signal [adc counts]

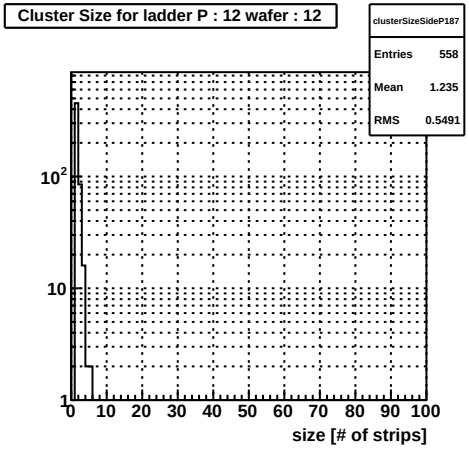

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2200
Mean 1.295
RMS 0.6194
size [# of strips]

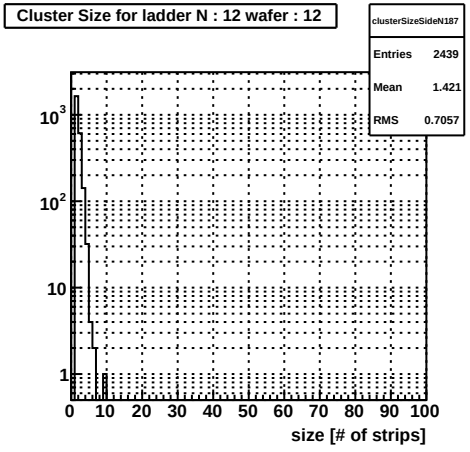

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2076
Mean 1.53
RMS 0.7745
size [# of strips]

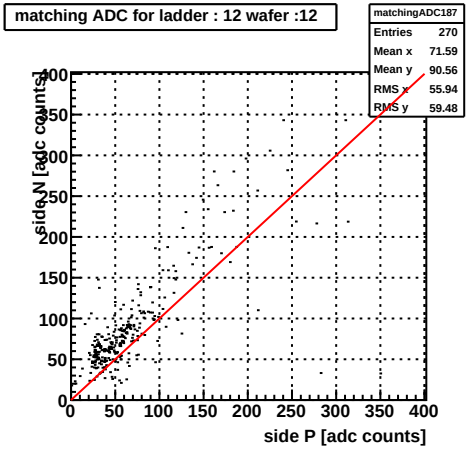

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1748
Mean x 75.27
Mean y 77.16
RMS x 55.61
RMS y 56.13
side N [adc counts]
side P [adc counts]

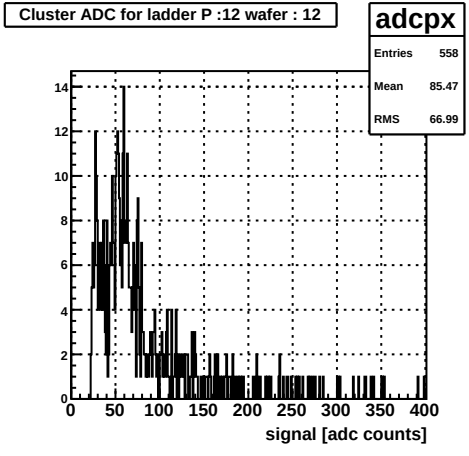

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2200
Mean 69.02
RMS 55.9
signal [adc counts]

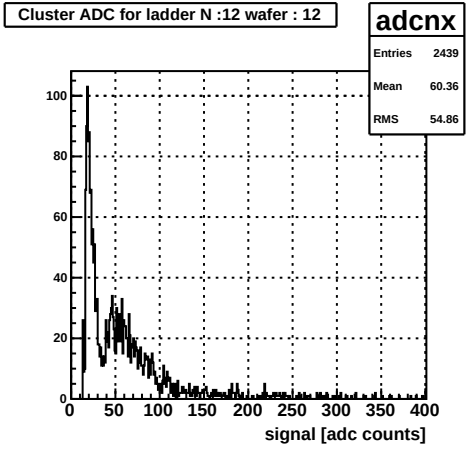

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2076
Mean 72.55
RMS 55.37
signal [adc counts]

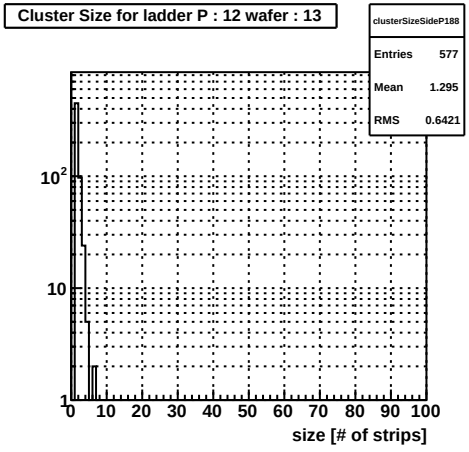

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 558
Mean 1.235
RMS 0.5491
size [# of strips]

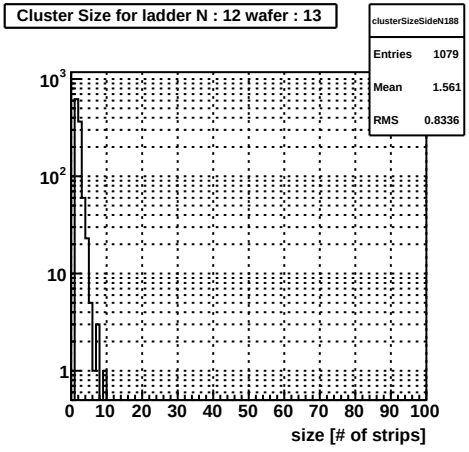

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2439
Mean 1.421
RMS 0.7057
size [# of strips]

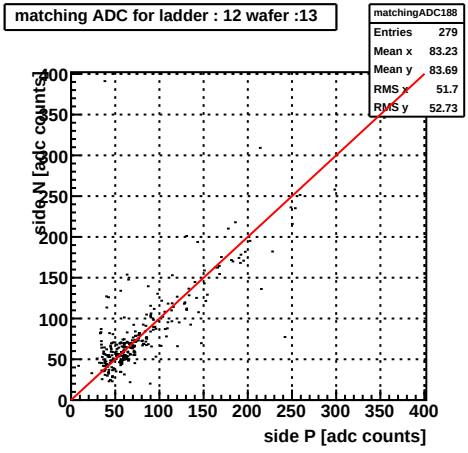

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 270
Mean x 71.59
Mean y 90.56
RMS x 55.94
RMS y 59.48
side N [adc counts]
side P [adc counts]

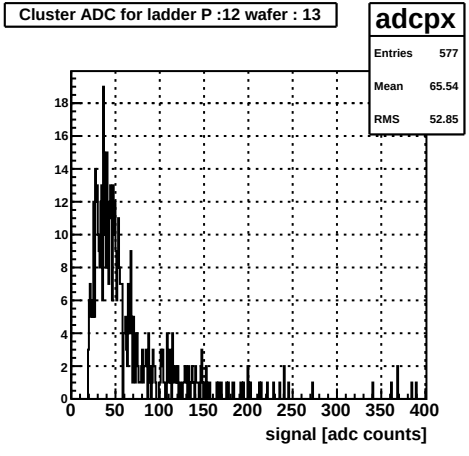

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 558
Mean 85.47
RMS 66.99
signal [adc counts]

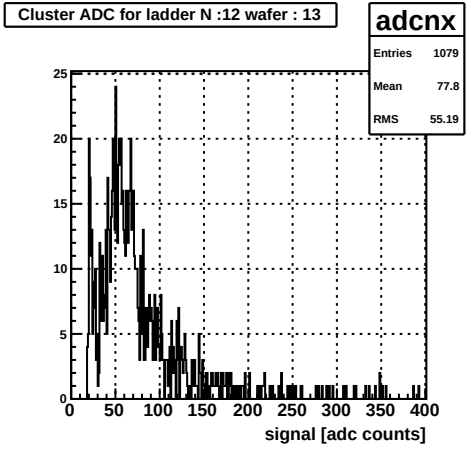

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2439
Mean 60.36
RMS 54.86
signal [adc counts]

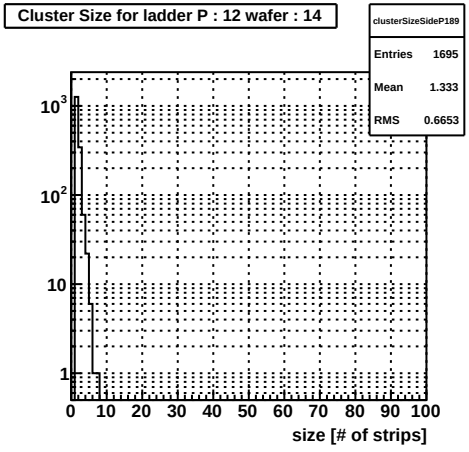

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 577
Mean 1.295
RMS 0.6421
size [# of strips]

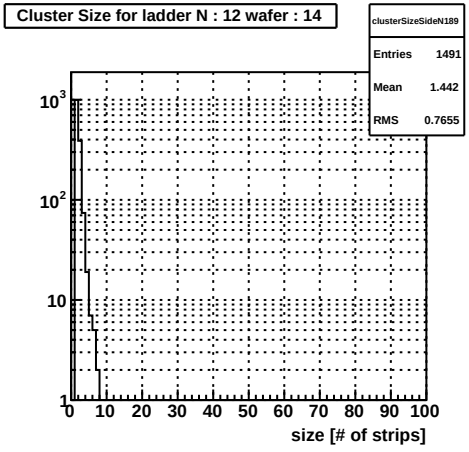

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1079
Mean 1.561
RMS 0.8336
size [# of strips]

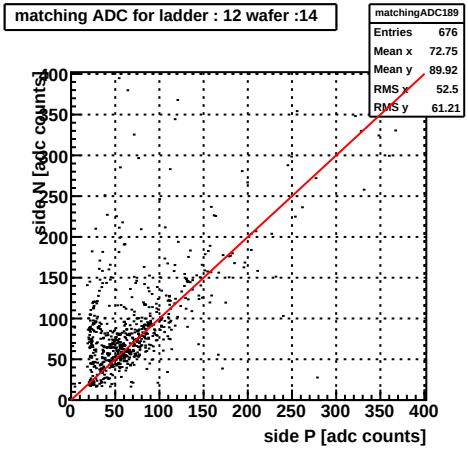

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 279
Mean x 83.23
Mean y 83.69
RMS x 51.7
RMS y 52.73
side N [adc counts]
side P [adc counts]

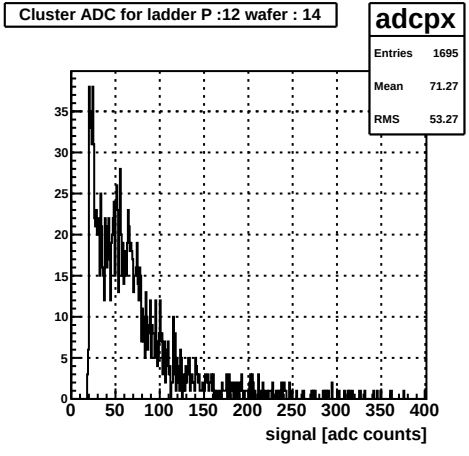

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 577
Mean 65.54
RMS 52.85
signal [adc counts]

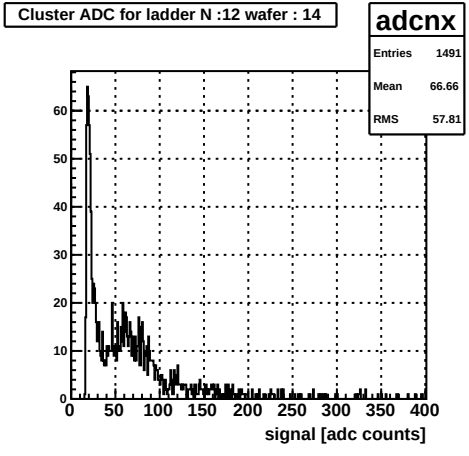

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1079
Mean 77.8
RMS 55.19
signal [adc counts]

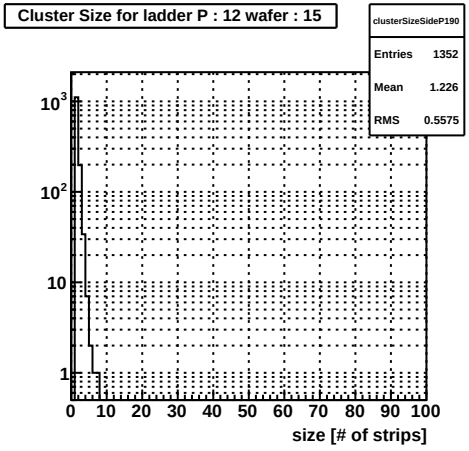

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1695
Mean 1.333
RMS 0.6653
size [# of strips]

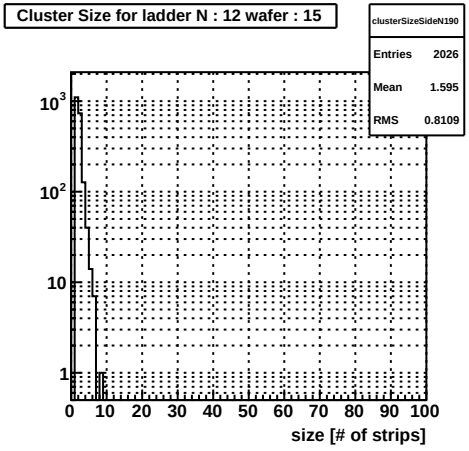

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1491
Mean 1.442
RMS 0.7655
size [# of strips]

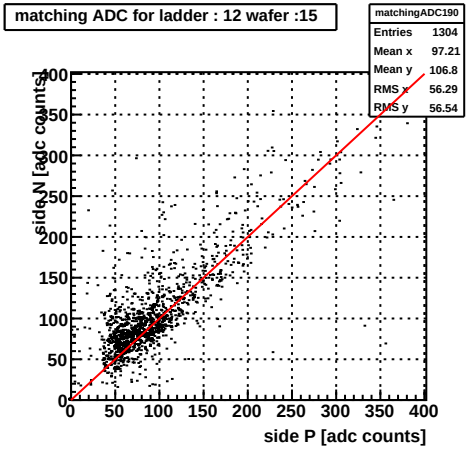

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 676
Mean x 72.75
Mean y 89.92
RMS x 52.5
RMS y 61.21
side N [adc counts]
side P [adc counts]

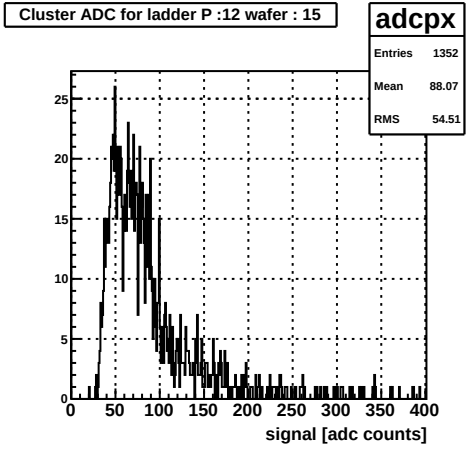

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1695
Mean 71.27
RMS 53.27
signal [adc counts]

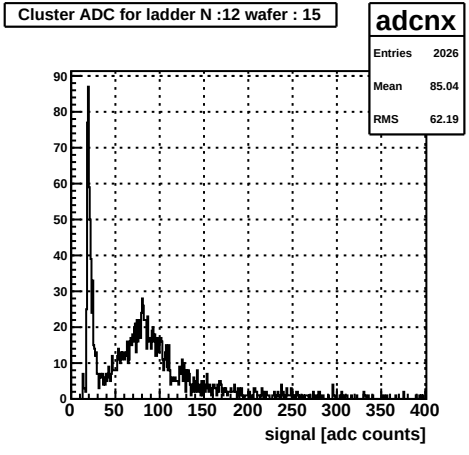

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1491
Mean 66.66
RMS 57.81
signal [adc counts]

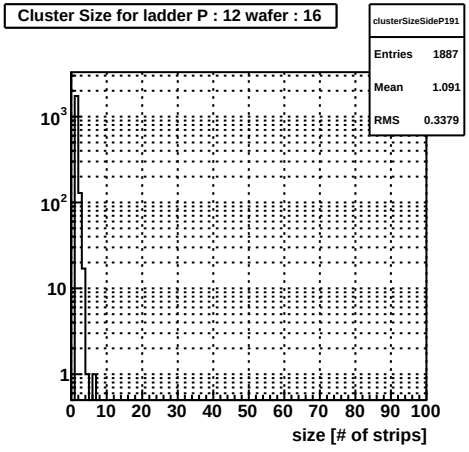

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1352
Mean 1.226
RMS 0.5575
size [# of strips]

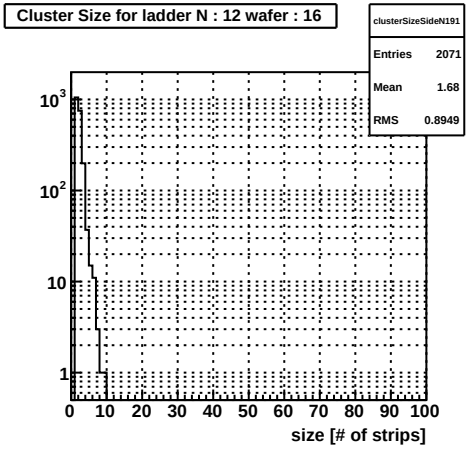

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2026
Mean 1.595
RMS 0.8109
size [# of strips]

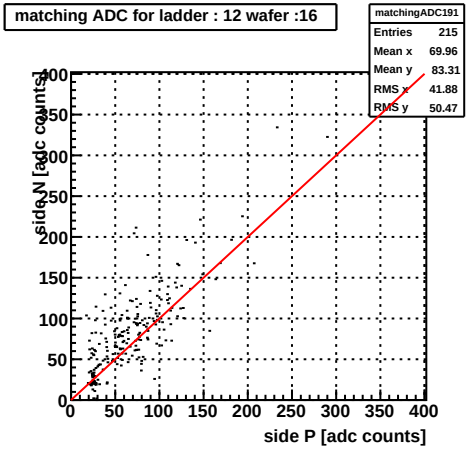

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1304
Mean x 97.21
Mean y 106.8
RMS x 56.29
RMS y 56.54
side N [adc counts]
side P [adc counts]

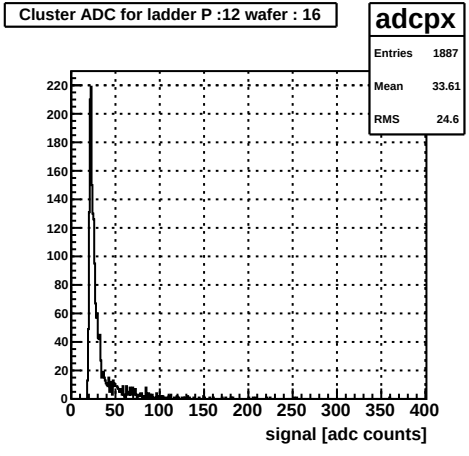

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1352
Mean 88.07
RMS 54.51
signal [adc counts]

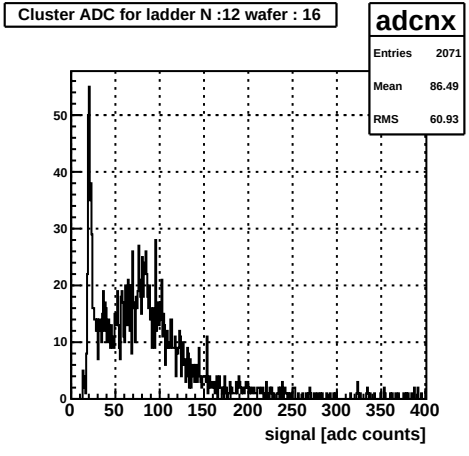

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2026
Mean 85.04
RMS 62.19
signal [adc counts]

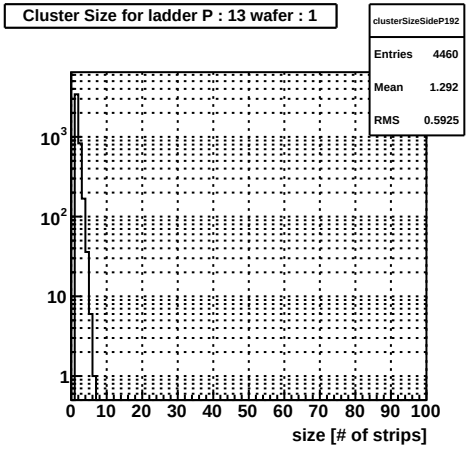

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 1887
Mean 1.091
RMS 0.3379
size [# of strips]

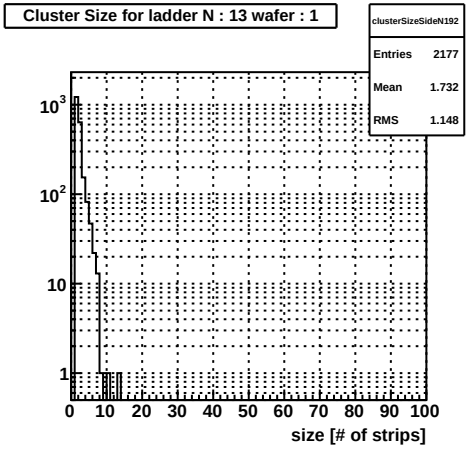

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2071
Mean 1.68
RMS 0.8949
size [# of strips]

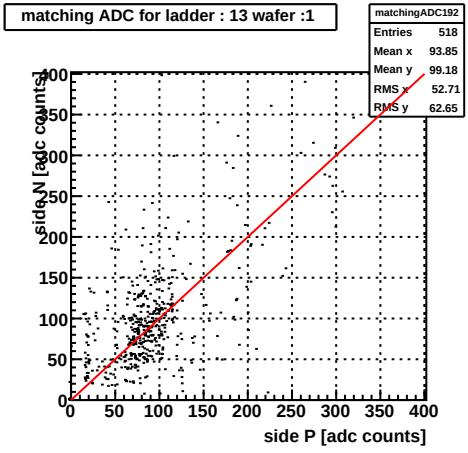

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 215
Mean x 69.96
Mean y 83.31
RMS x 41.88
RMS y 50.47
side N [adc counts]
side P [adc counts]

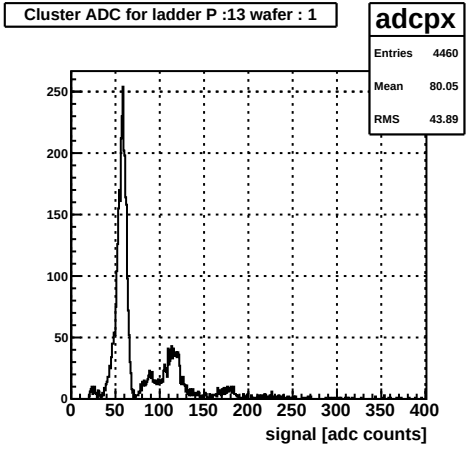

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 1887
Mean 33.61
RMS 24.6
signal [adc counts]

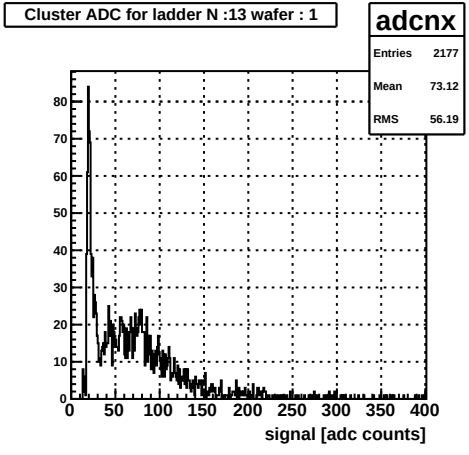

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2071
Mean 86.49
RMS 60.93
signal [adc counts]

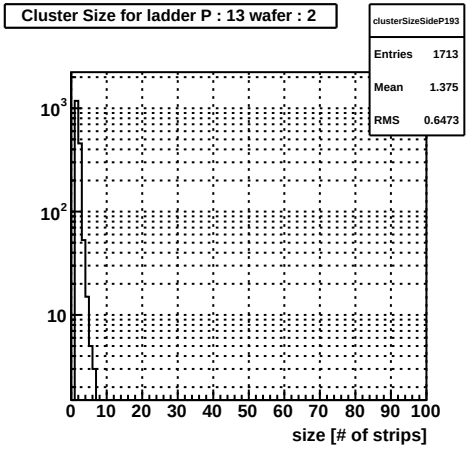

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4460
Mean 1.292
RMS 0.5925
size [# of strips]

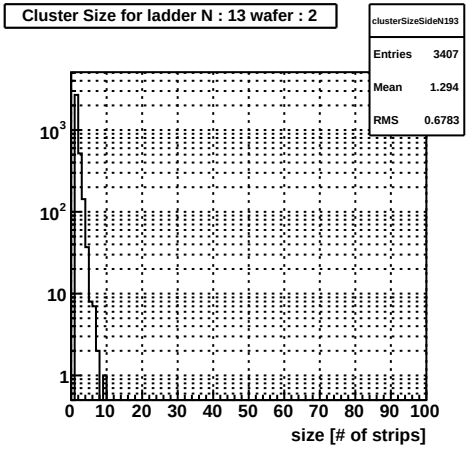

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2177
Mean 1.732
RMS 1.148
size [# of strips]

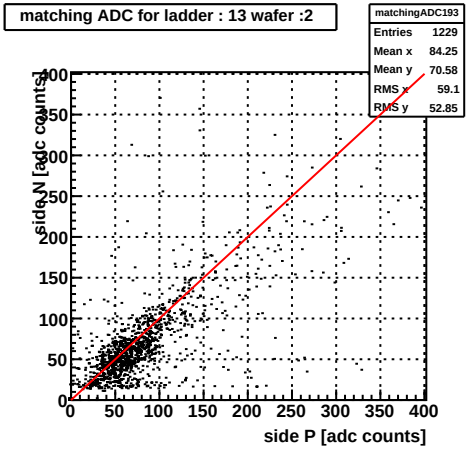

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 518
Mean x 93.85
Mean y 99.18
RMS x 52.71
RMS y 62.65
side N [adc counts]
side P [adc counts]

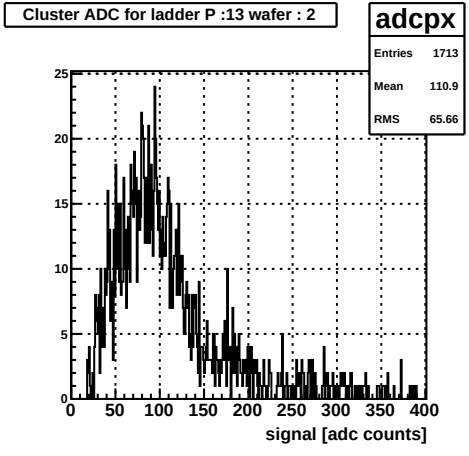

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4460
Mean 80.05
RMS 43.89
signal [adc counts]

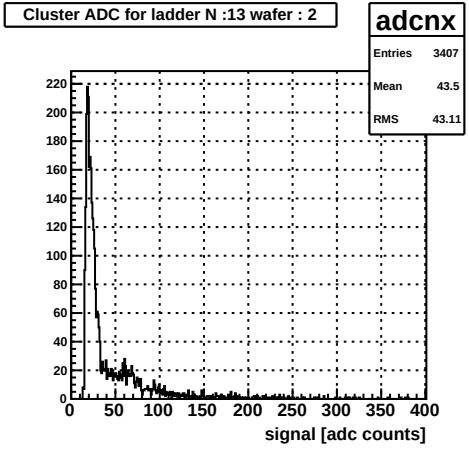

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2177
Mean 73.12
RMS 56.19
signal [adc counts]

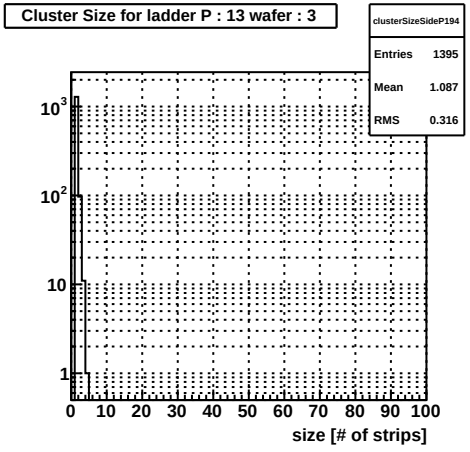

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1713
Mean 1.375
RMS 0.6473
size [# of strips]

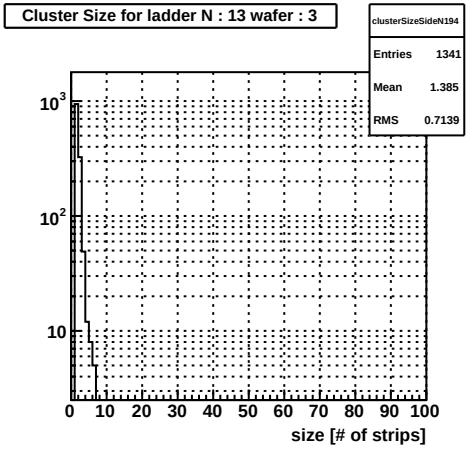

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3407
Mean 1.294
RMS 0.6783
size [# of strips]

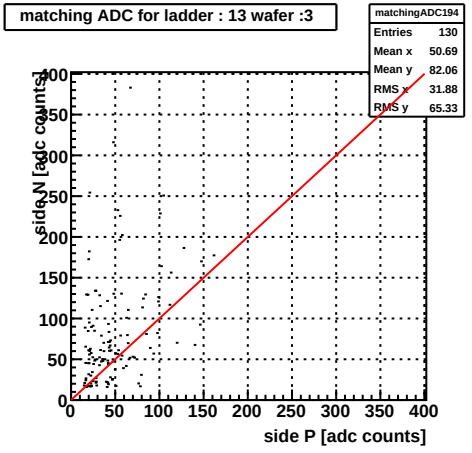

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1229
Mean x 84.25
Mean y 70.58
RMS x 59.1
RMS y 52.85
side N [adc counts]
side P [adc counts]

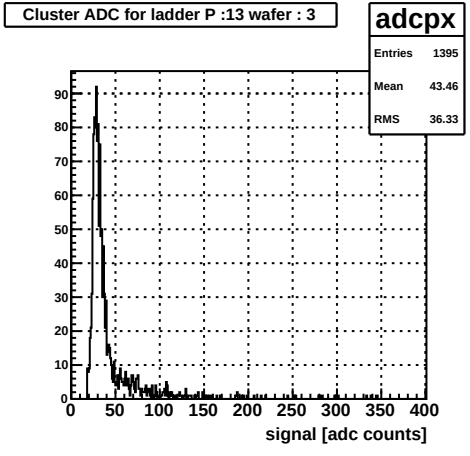

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1713
Mean 110.9
RMS 65.66
signal [adc counts]

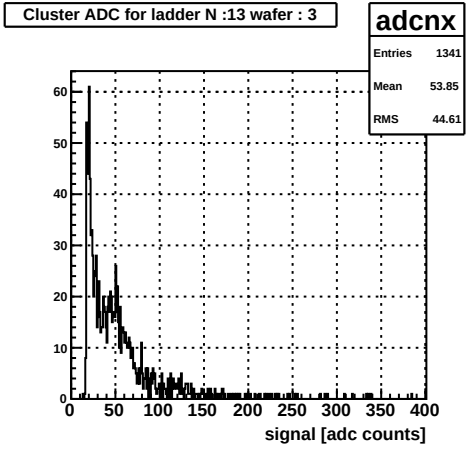

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3407
Mean 43.5
RMS 43.11
signal [adc counts]

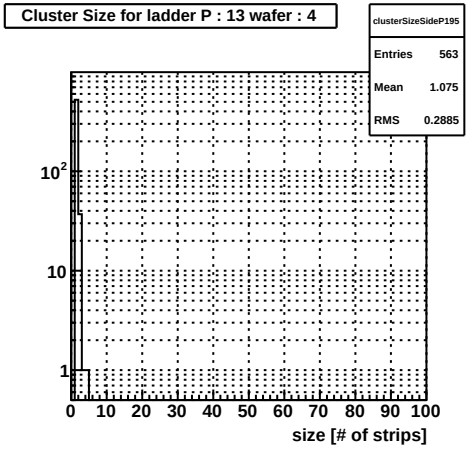

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1395
Mean 1.087
RMS 0.316
size [# of strips]

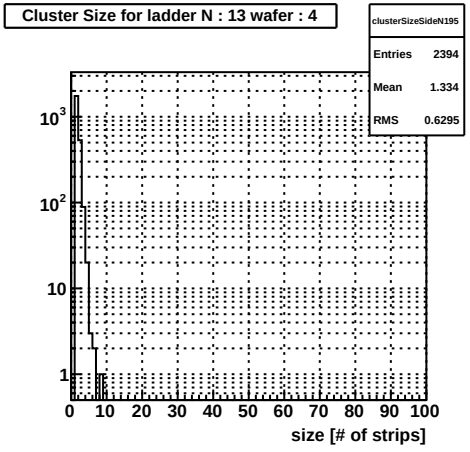

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1341
Mean 1.385
RMS 0.7139
size [# of strips]

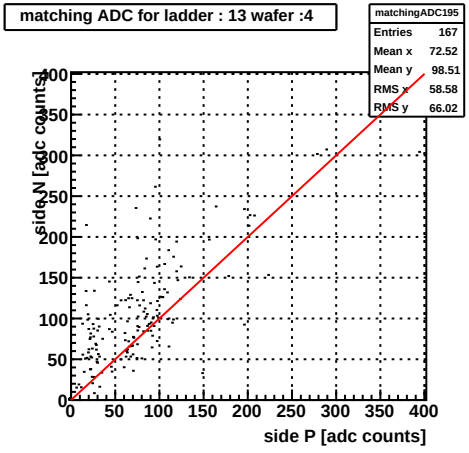

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 130
Mean x 50.69
Mean y 82.06
RMS x 31.88
RMS y 65.33
side N [adc counts]
side P [adc counts]

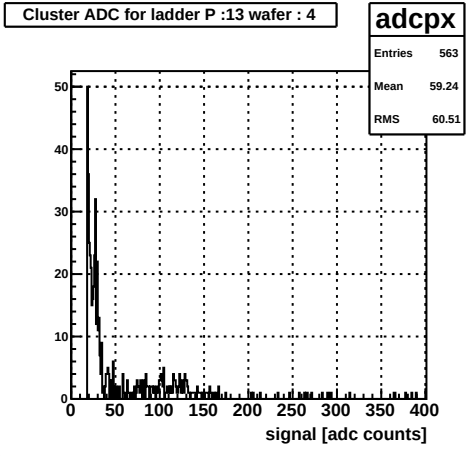

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1395
Mean 43.46
RMS 36.33
signal [adc counts]

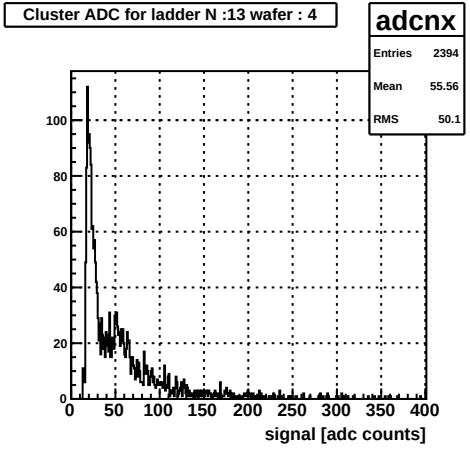

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1341
Mean 53.85
RMS 44.61
signal [adc counts]

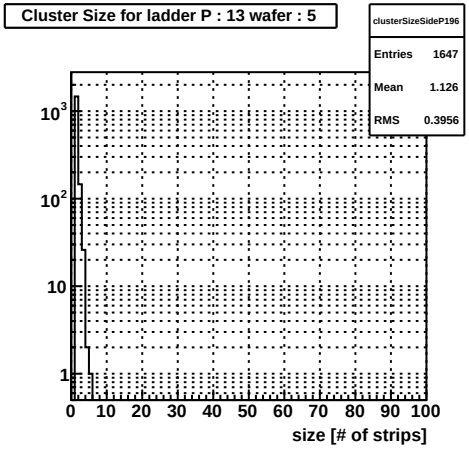

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 563
Mean 1.075
RMS 0.2885
size [# of strips]

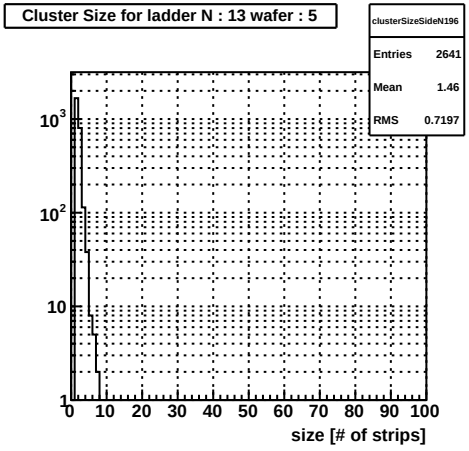

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2394
Mean 1.334
RMS 0.6295
size [# of strips]

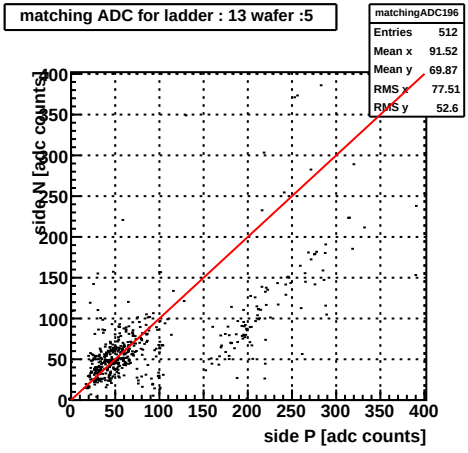

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 167
Mean x 72.52
Mean y 98.51
RMS x 58.58
RMS y 66.02
side N [adc counts]
side P [adc counts]

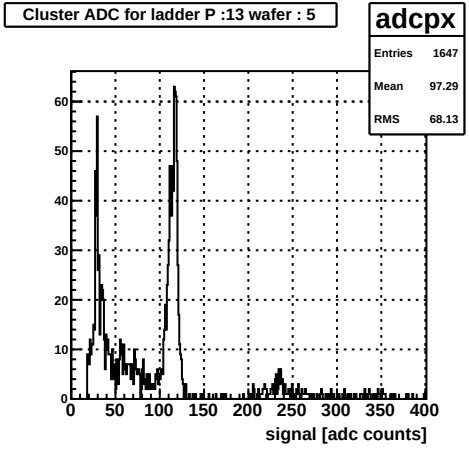

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 563
Mean 59.24
RMS 60.51
signal [adc counts]

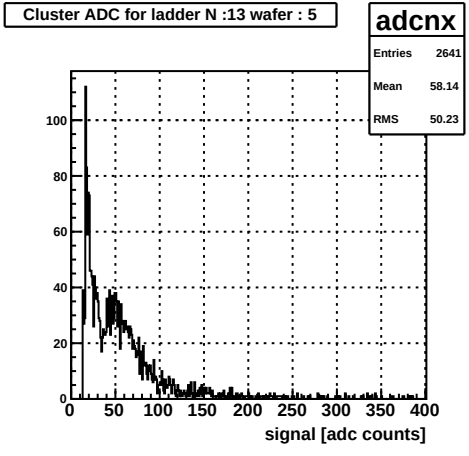

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2394
Mean 55.56
RMS 50.1
signal [adc counts]

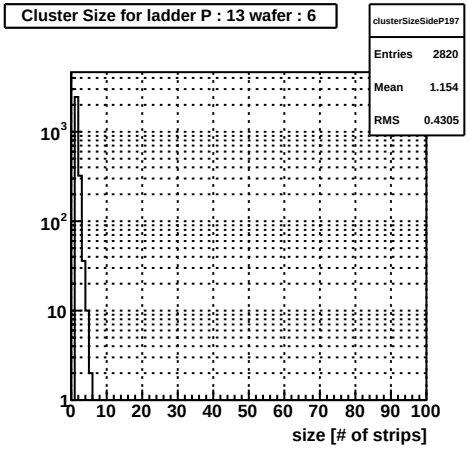

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1647
Mean 1.126
RMS 0.3956
size [# of strips]

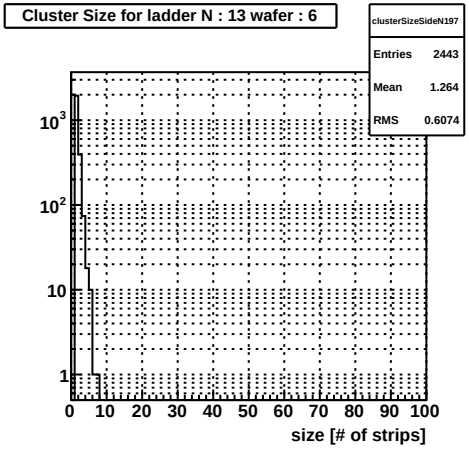

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2641
Mean 1.46
RMS 0.7197
size [# of strips]

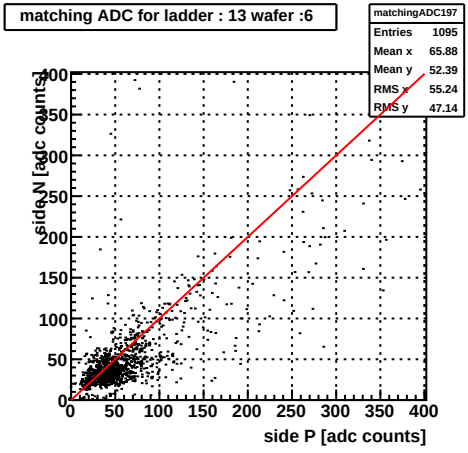

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 512
Mean x 91.52
Mean y 69.87
RMS x 77.51
RMS y 52.6
side N [adc counts]
side P [adc counts]

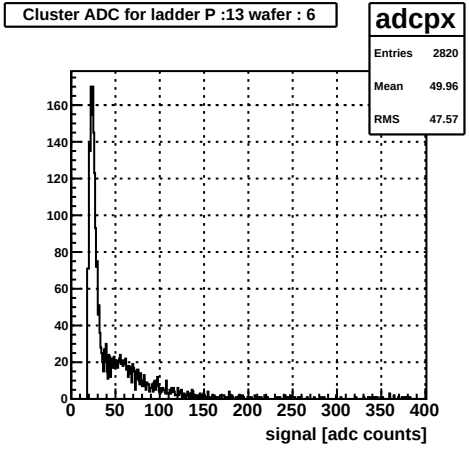

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1647
Mean 97.29
RMS 68.13
signal [adc counts]

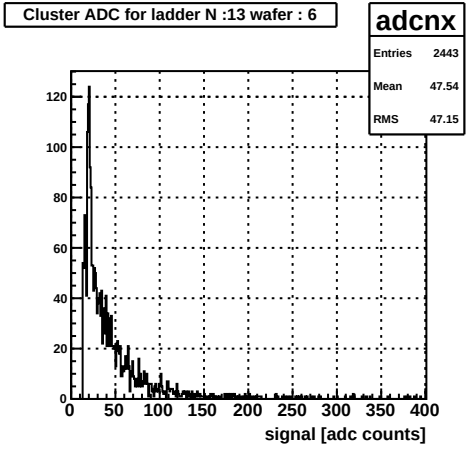

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2641
Mean 58.14
RMS 50.23
signal [adc counts]

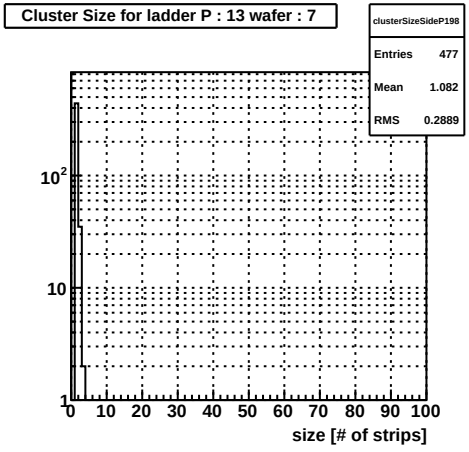

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 2820
Mean 1.154
RMS 0.4305
size [# of strips]

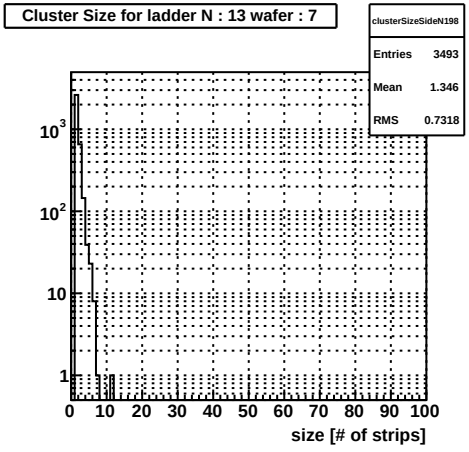

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2443
Mean 1.264
RMS 0.6074
size [# of strips]

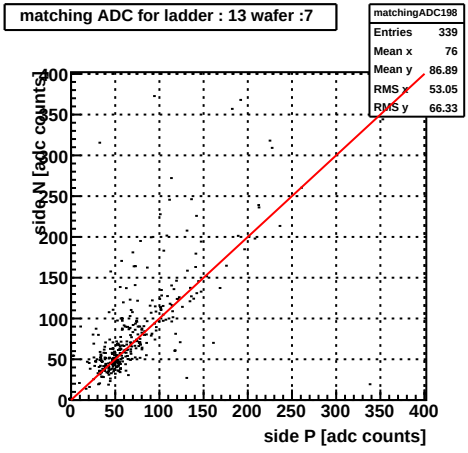

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1095
Mean x 65.88
Mean y 52.39
RMS x 55.24
RMS y 47.14
side N [adc counts]
side P [adc counts]

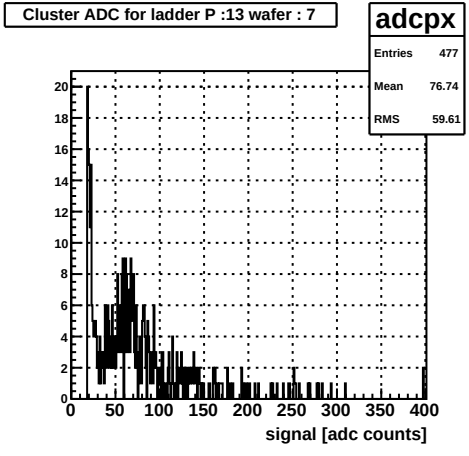

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 2820
Mean 49.96
RMS 47.57
signal [adc counts]

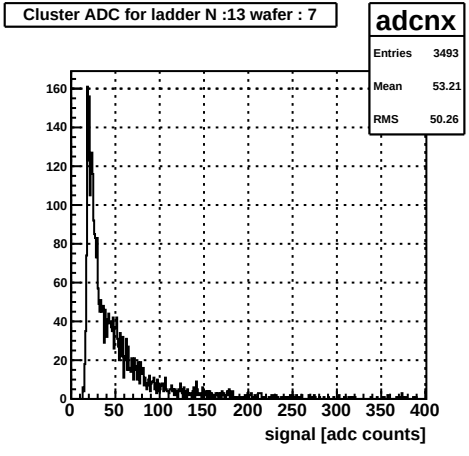

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2443
Mean 47.54
RMS 47.15
signal [adc counts]

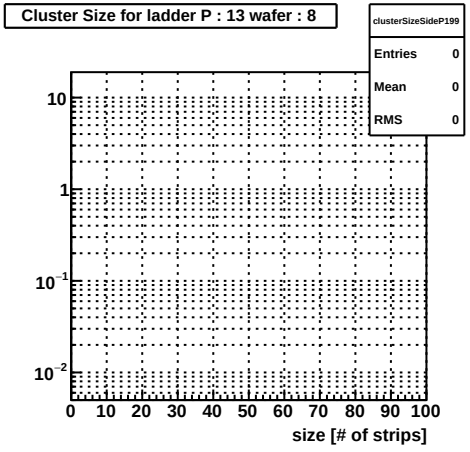

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 477
Mean 1.082
RMS 0.2889
size [# of strips]

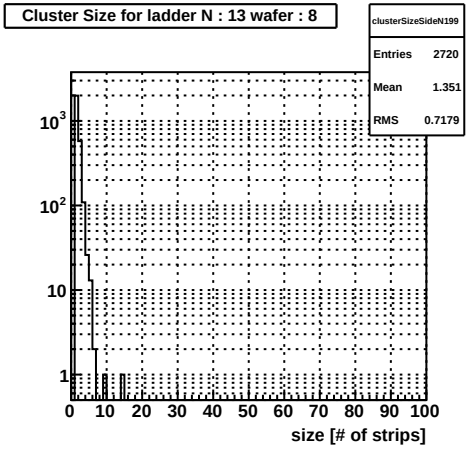

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3493
Mean 1.346
RMS 0.7318
size [# of strips]

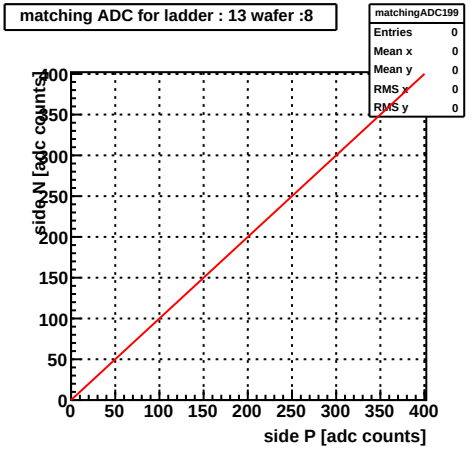

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 339
Mean x 76
Mean y 86.89
RMS x 53.05
RMS y 66.33
side N [adc counts]
side P [adc counts]

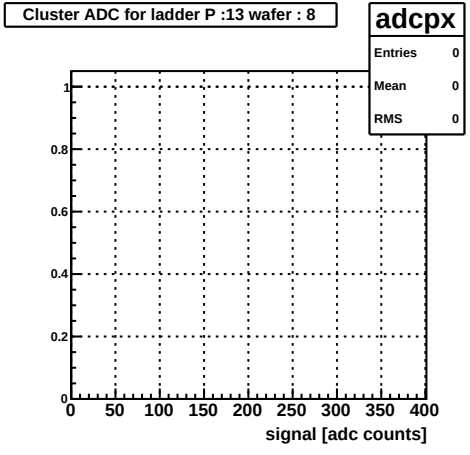

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 477
Mean 76.74
RMS 59.61
signal [adc counts]

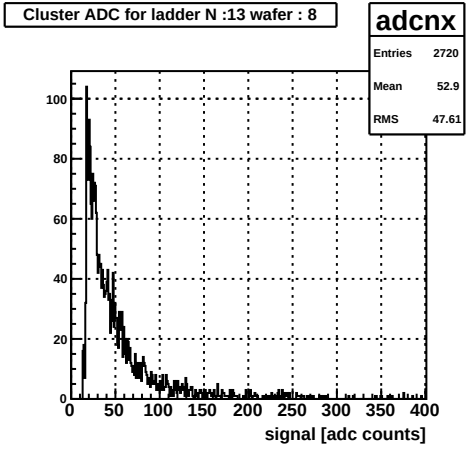

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3493
Mean 53.21
RMS 50.26
signal [adc counts]

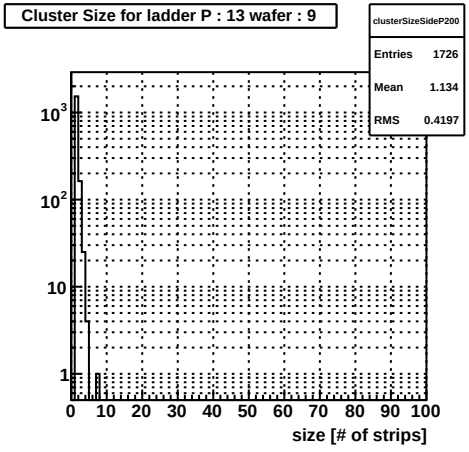

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 0
Mean 0
RMS 0
size [# of strips]

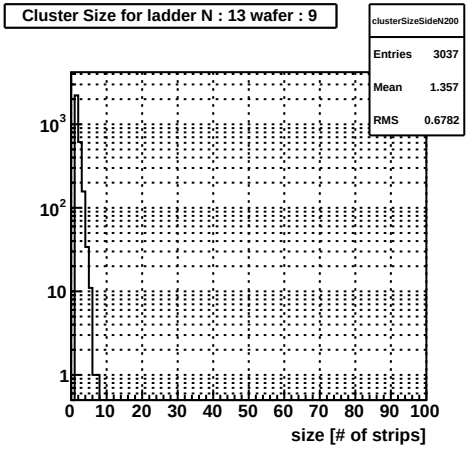

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2720
Mean 1.351
RMS 0.7179
size [# of strips]

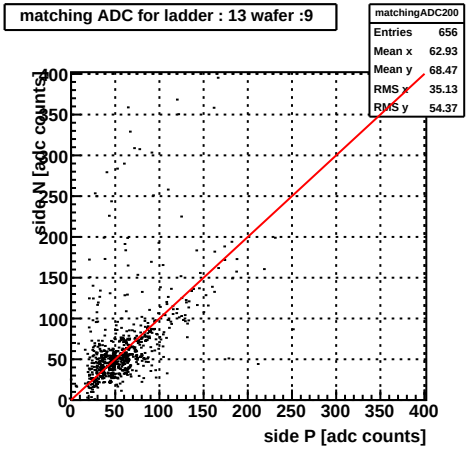

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

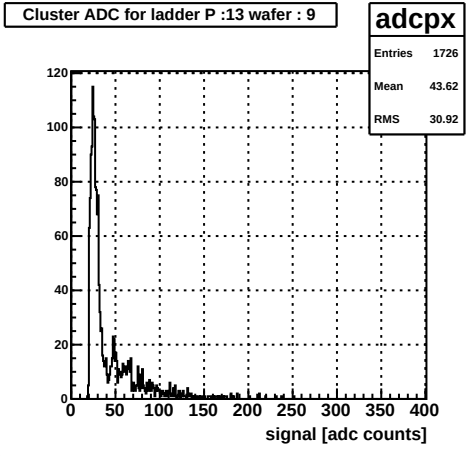

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

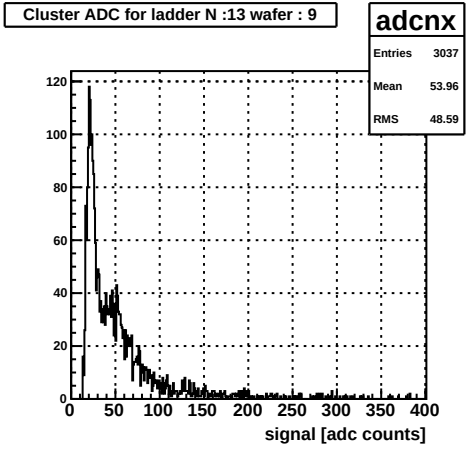

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2720
Mean 52.9
RMS 47.61
signal [adc counts]

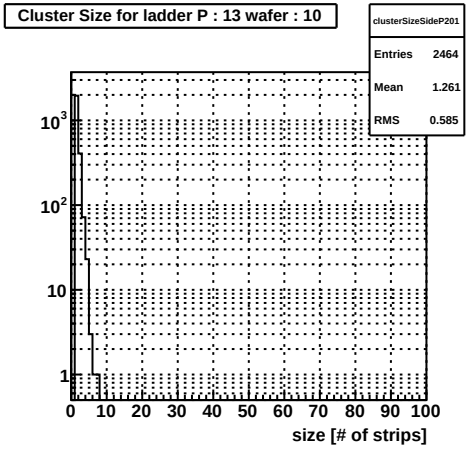

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1726
Mean 1.134
RMS 0.4197
size [# of strips]

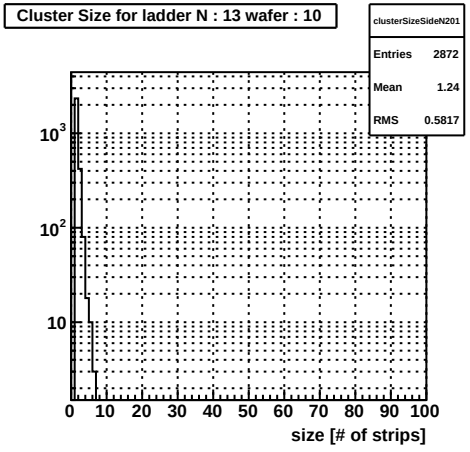

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3037
Mean 1.357
RMS 0.6782
size [# of strips]

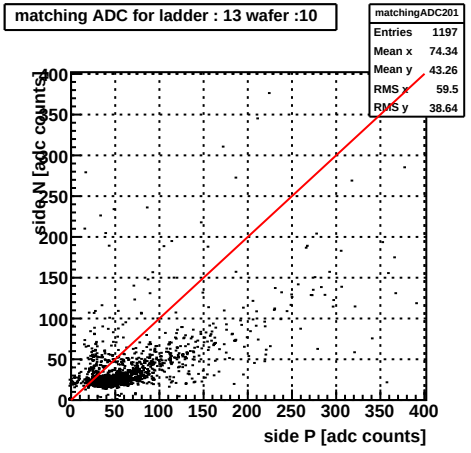

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 656
Mean x 62.93
Mean y 68.47
RMS x 35.13
RMS y 54.37
side N [adc counts]
side P [adc counts]

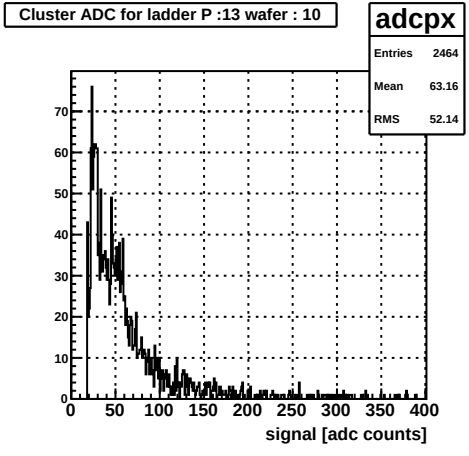

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1726
Mean 43.62
RMS 30.92
signal [adc counts]

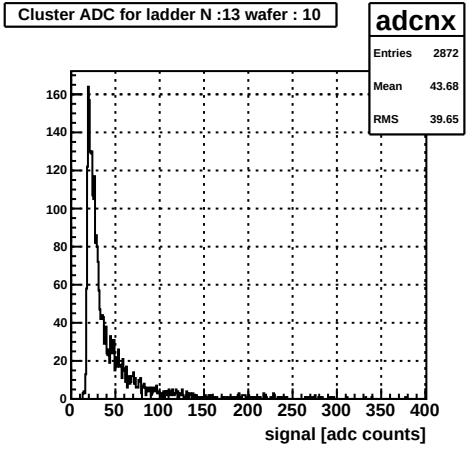

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3037
Mean 53.96
RMS 48.59
signal [adc counts]

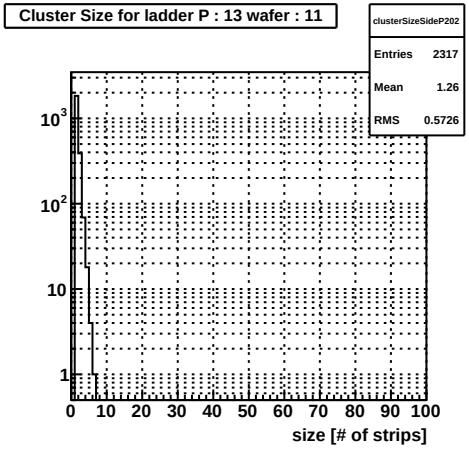

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2464
Mean 1.261
RMS 0.585
size [# of strips]

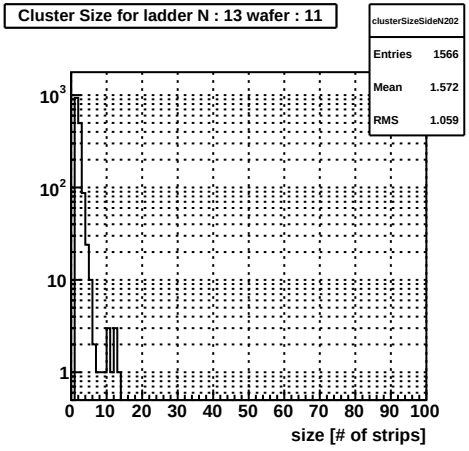

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2872
Mean 1.24
RMS 0.5817
size [# of strips]

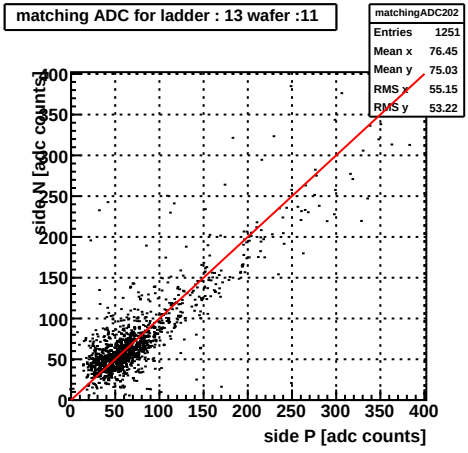

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1197
Mean x 74.34
Mean y 43.26
RMS x 59.5
RMS y 38.64
side N [adc counts]
side P [adc counts]

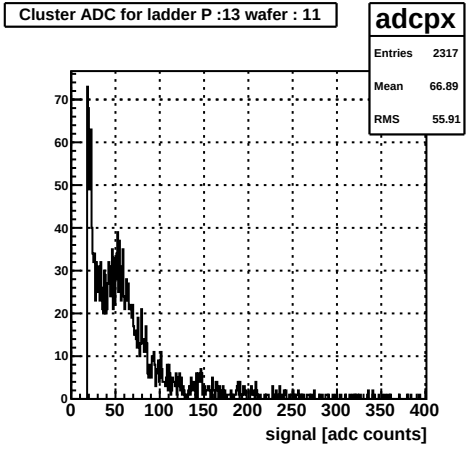

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2464
Mean 63.16
RMS 52.14
signal [adc counts]

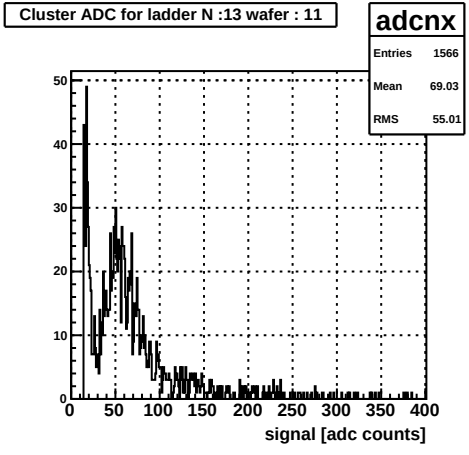

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2872
Mean 43.68
RMS 39.65
signal [adc counts]

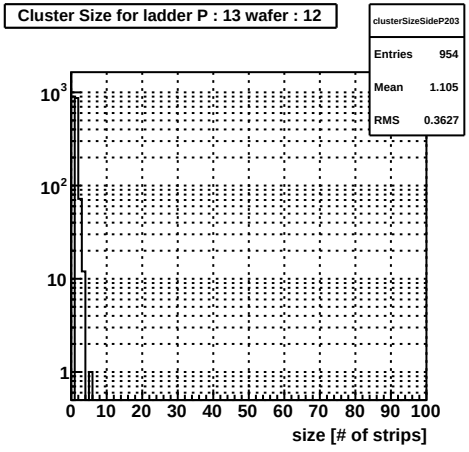

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2317
Mean 1.26
RMS 0.5726
size [# of strips]

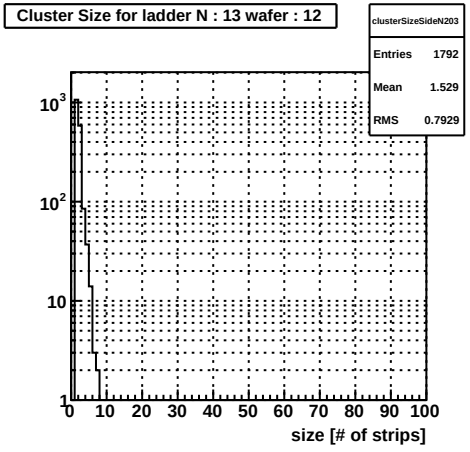

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1566
Mean 1.572
RMS 1.059
size [# of strips]

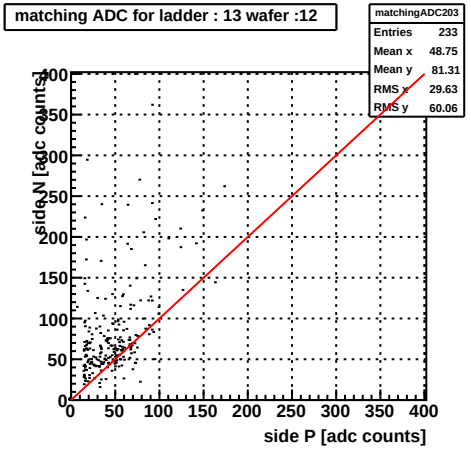

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1251
Mean x 76.45
Mean y 75.03
RMS x 55.15
RMS y 53.22
side N [adc counts]
side P [adc counts]

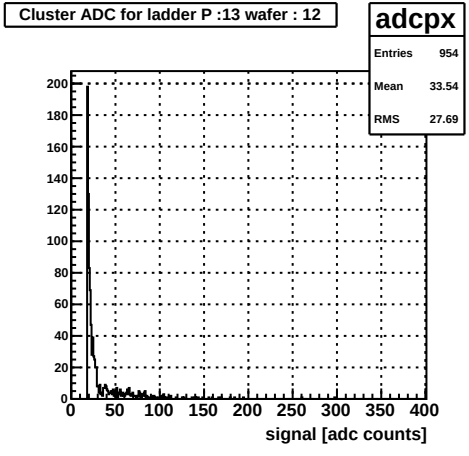

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2317
Mean 66.89
RMS 55.91
signal [adc counts]

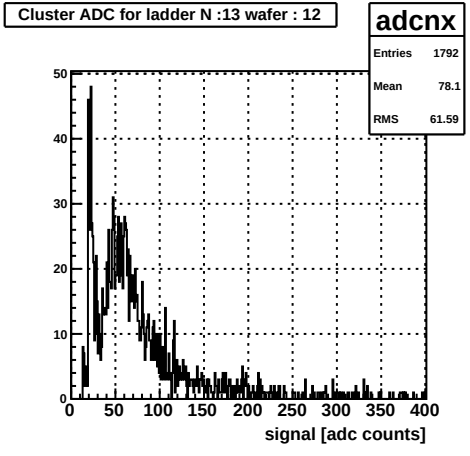

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1566
Mean 69.03
RMS 55.01
signal [adc counts]

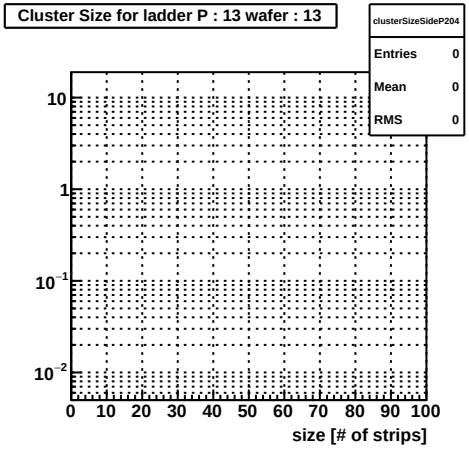

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 954
Mean 1.105
RMS 0.3627
size [# of strips]

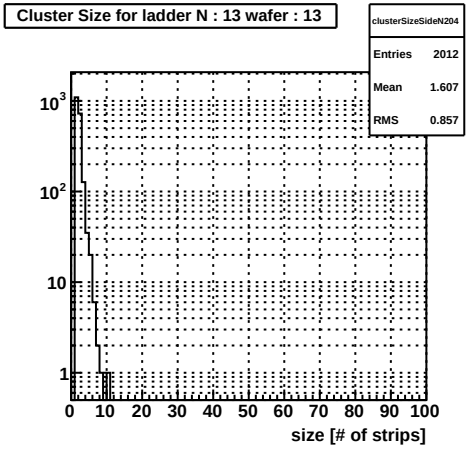

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1792
Mean 1.529
RMS 0.7929
size [# of strips]

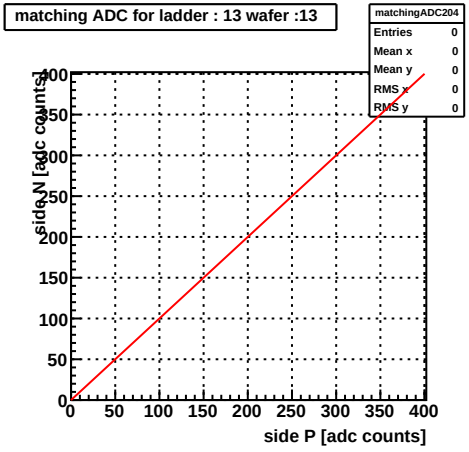

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 233
Mean x 48.75
Mean y 81.31
RMS x 29.63
RMS y 60.06
side N [adc counts]
side P [adc counts]

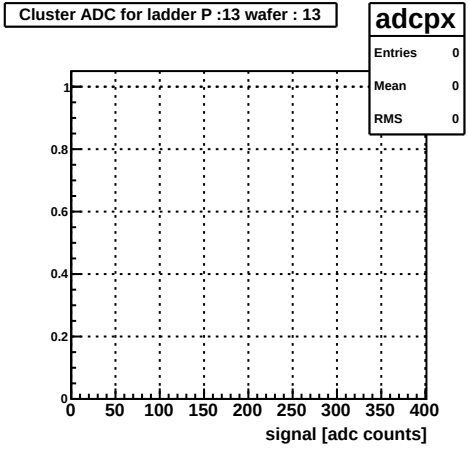

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 954
Mean 33.54
RMS 27.69
signal [adc counts]

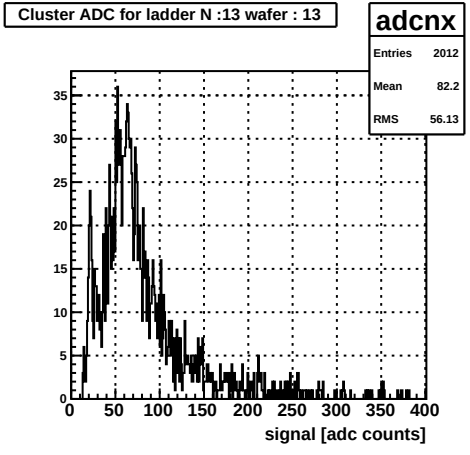

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1792
Mean 78.1
RMS 61.59
signal [adc counts]

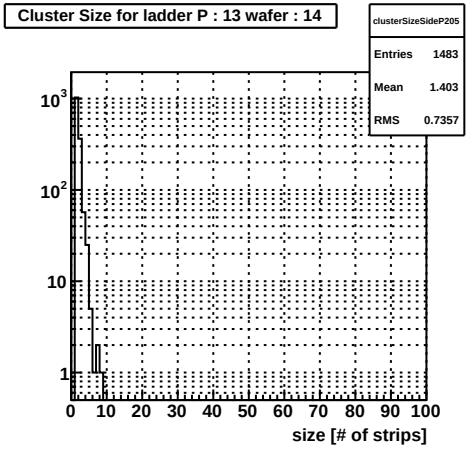

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

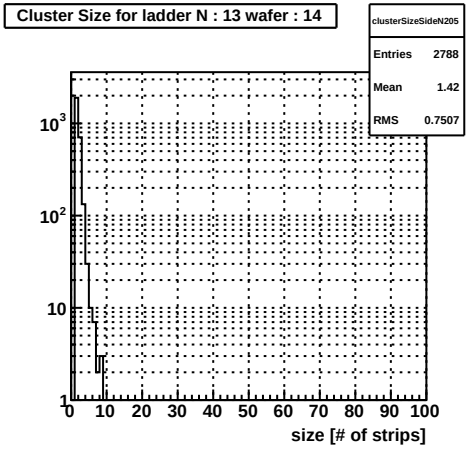

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2012
Mean 1.607
RMS 0.857
size [# of strips]

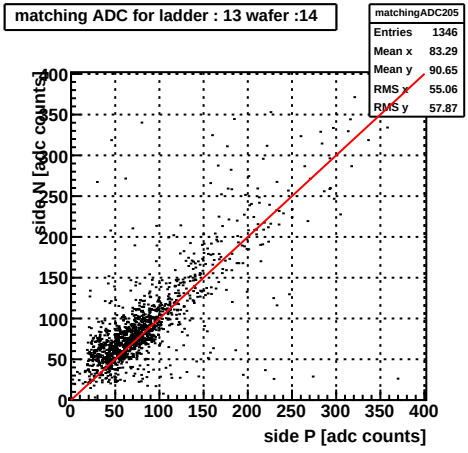

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

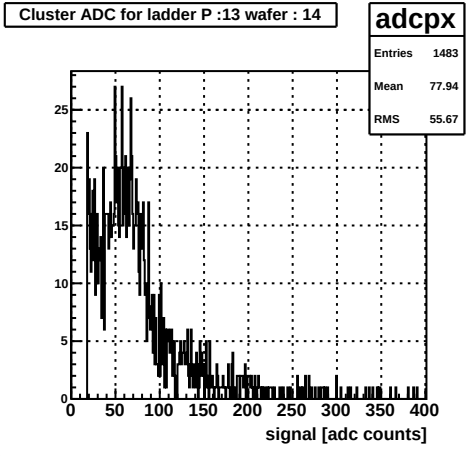

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

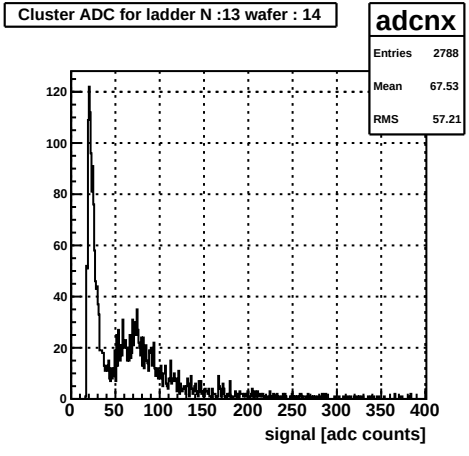

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2012
Mean 82.2
RMS 56.13
signal [adc counts]

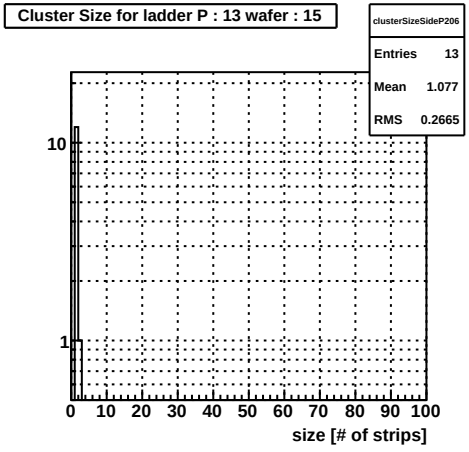

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1483
Mean 1.403
RMS 0.7357
size [# of strips]

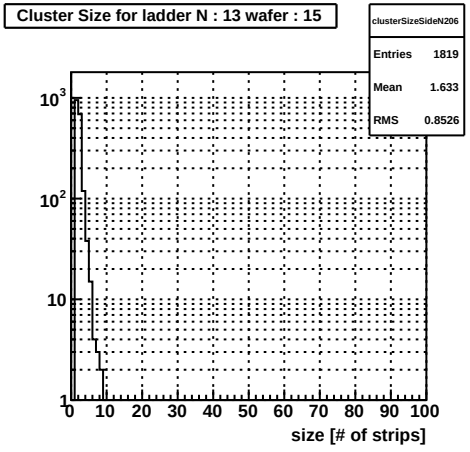

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2788
Mean 1.42
RMS 0.7507
size [# of strips]

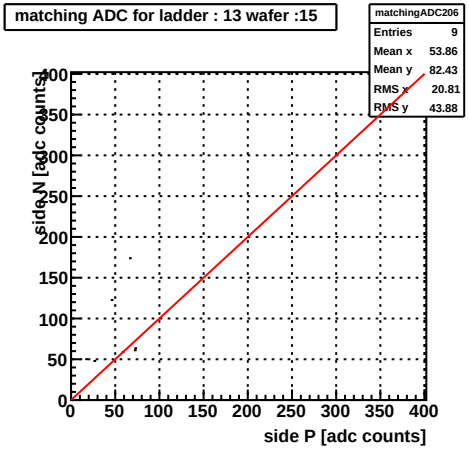

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1346
Mean x 83.29
Mean y 90.65
RMS x 55.06
RMS y 57.87
side N [adc counts]
side P [adc counts]

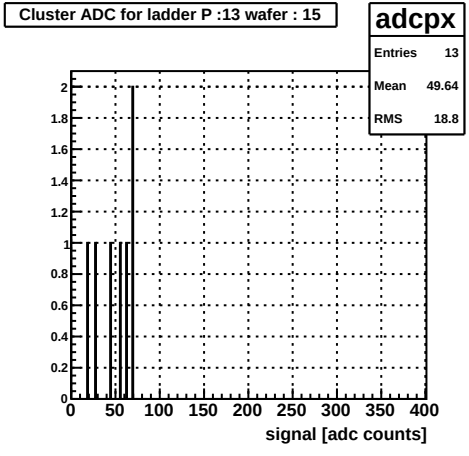

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1483
Mean 77.94
RMS 55.67
signal [adc counts]

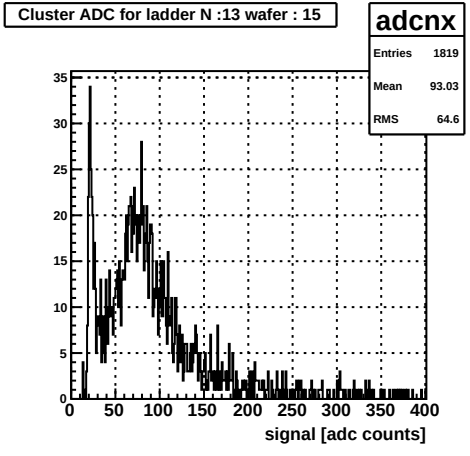

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2788
Mean 67.53
RMS 57.21
signal [adc counts]

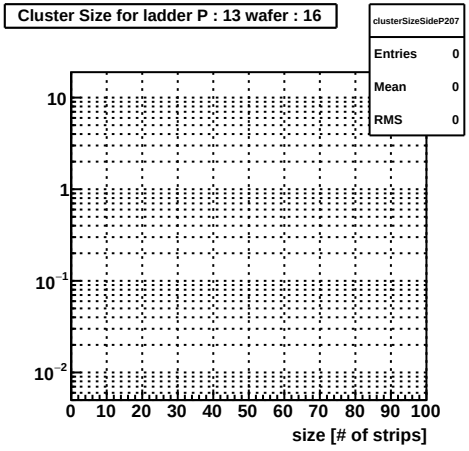

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

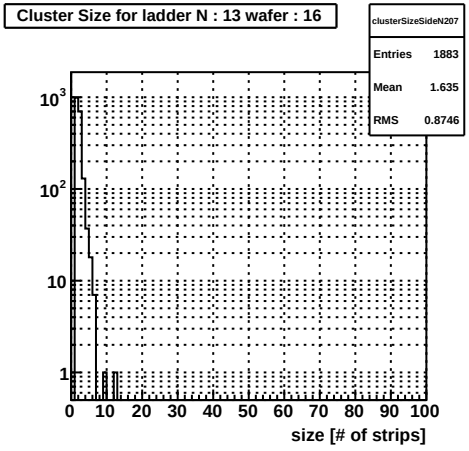

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1819
Mean 1.633
RMS 0.8526
size [# of strips]

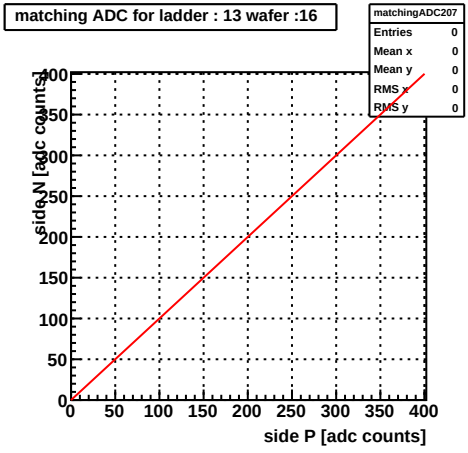

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 9
Mean x 53.86
Mean y 82.43
RMS x 20.81
RMS y 43.88
side N [adc counts]
side P [adc counts]

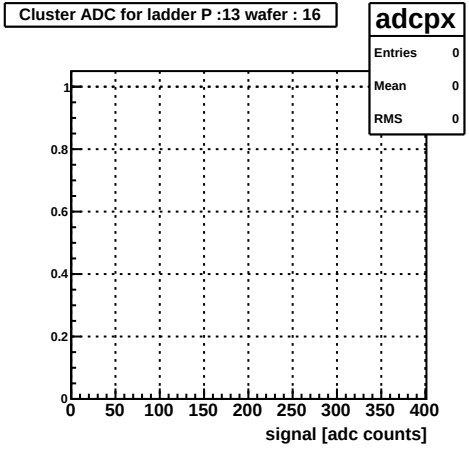

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 13
Mean 49.64
RMS 18.8
signal [adc counts]

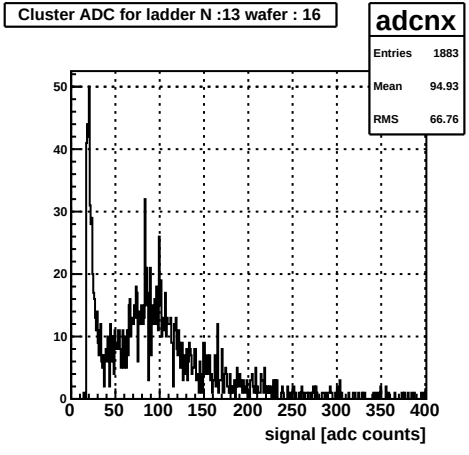

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1819
Mean 93.03
RMS 64.6
signal [adc counts]

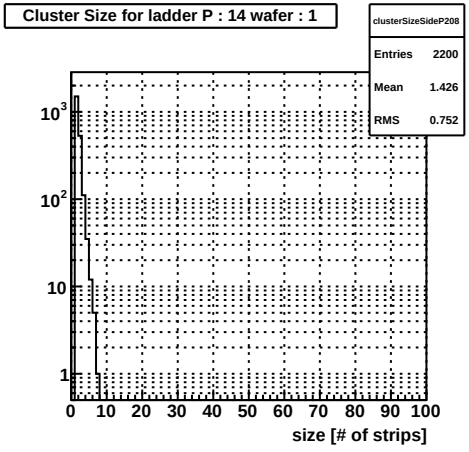

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 0
Mean 0
RMS 0
size [# of strips]

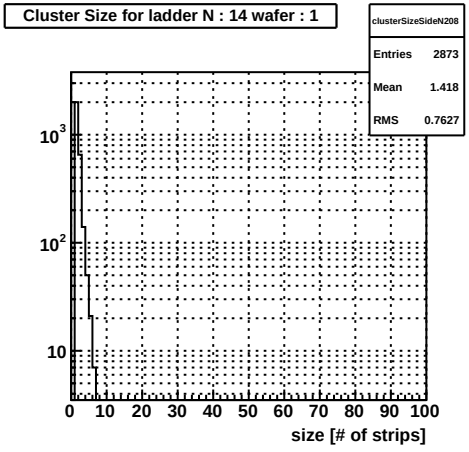

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1883
Mean 1.635
RMS 0.8746
size [# of strips]

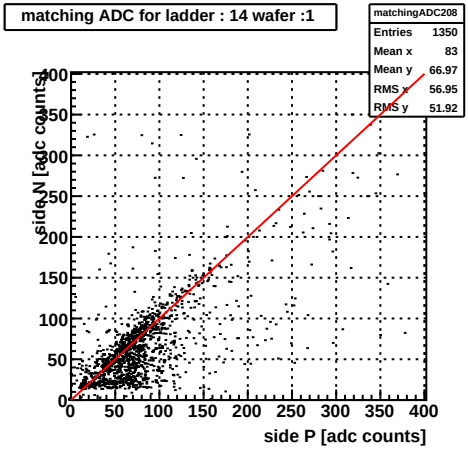

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

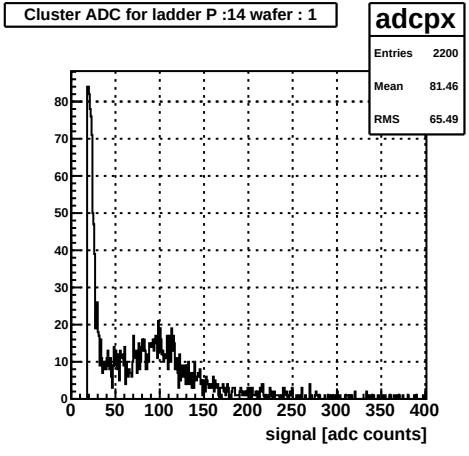

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

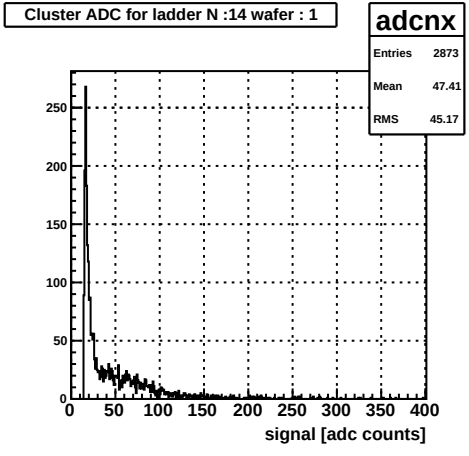

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1883
Mean 94.93
RMS 66.76
signal [adc counts]

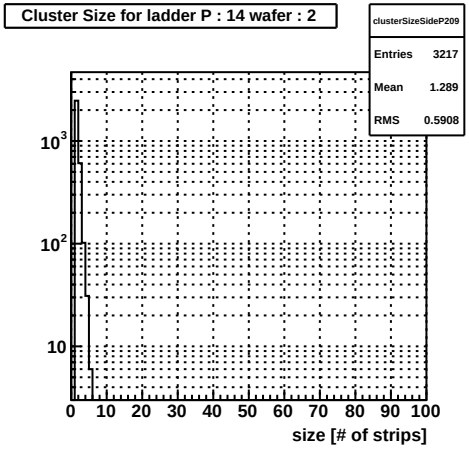

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2200
Mean 1.426
RMS 0.752
size [# of strips]

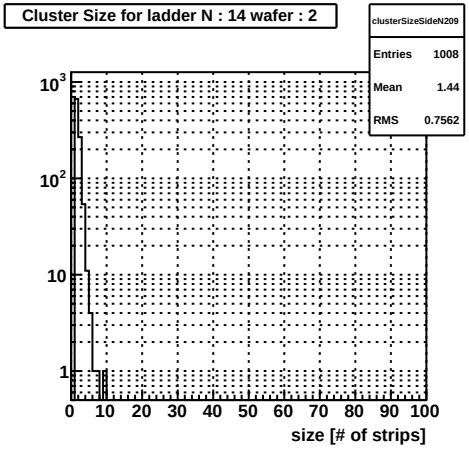

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 2873
Mean 1.418
RMS 0.7627
size [# of strips]

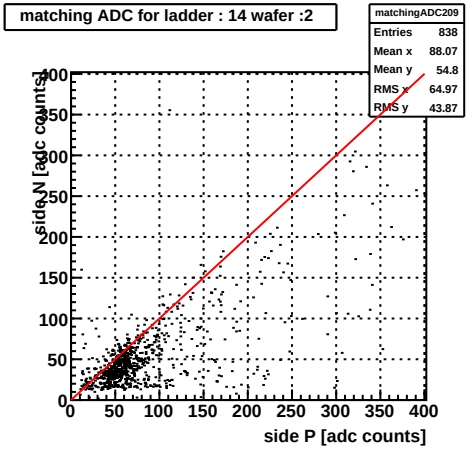

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1350
Mean x 83
Mean y 66.97
RMS x 56.95
RMS y 51.92
side N [adc counts]
side P [adc counts]

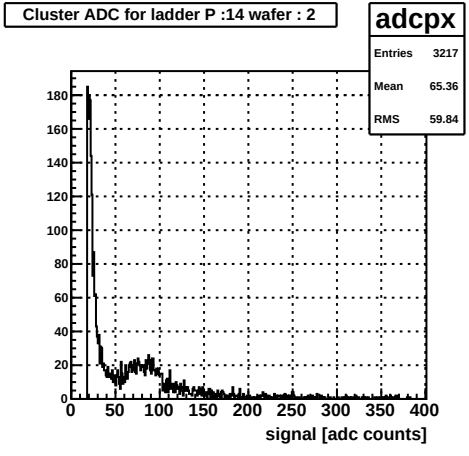

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2200
Mean 81.46
RMS 65.49
signal [adc counts]

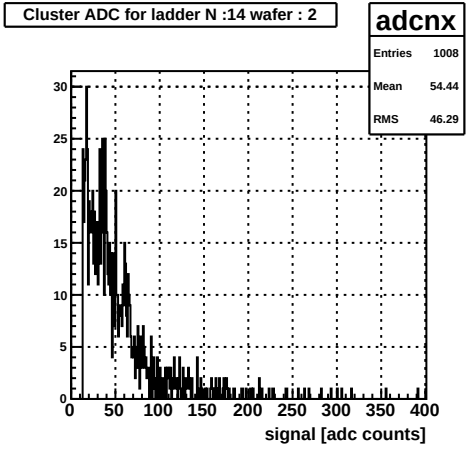

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 2873
Mean 47.41
RMS 45.17
signal [adc counts]

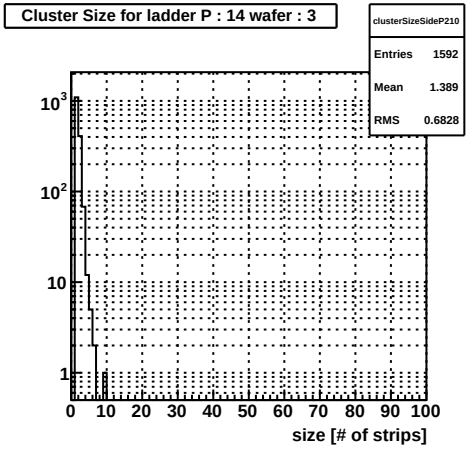

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 3217
Mean 1.289
RMS 0.5908
size [# of strips]

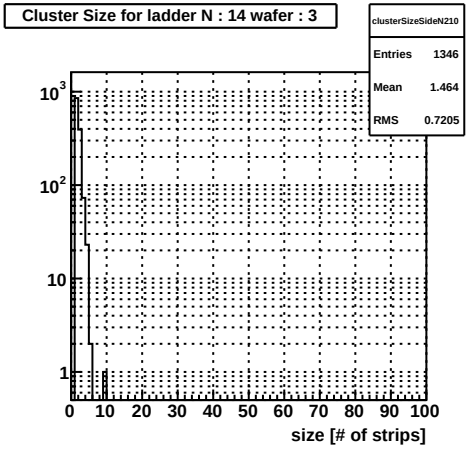

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1008
Mean 1.44
RMS 0.7562
size [# of strips]

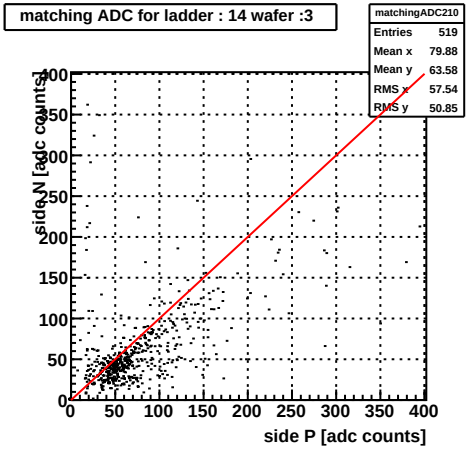

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 838
Mean x 88.07
Mean y 54.8
RMS x 64.97
RMS y 43.87
side N [adc counts]
side P [adc counts]

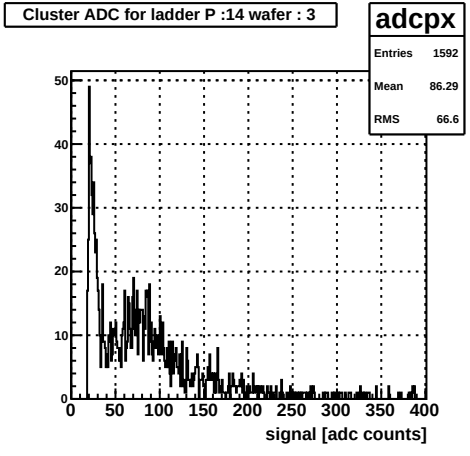

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 3217
Mean 65.36
RMS 59.84
signal [adc counts]

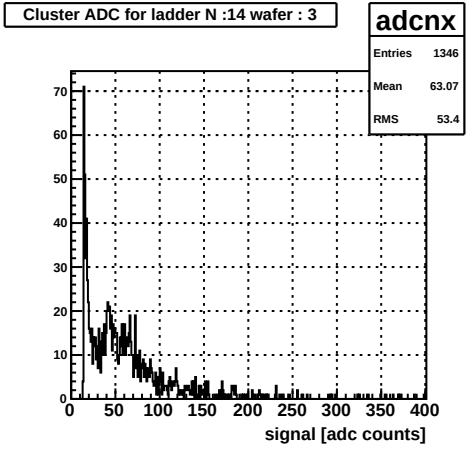

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1008
Mean 54.44
RMS 46.29
signal [adc counts]

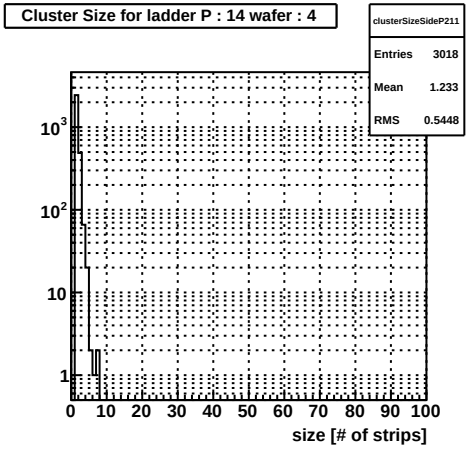

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1592
Mean 1.389
RMS 0.6828
size [# of strips]

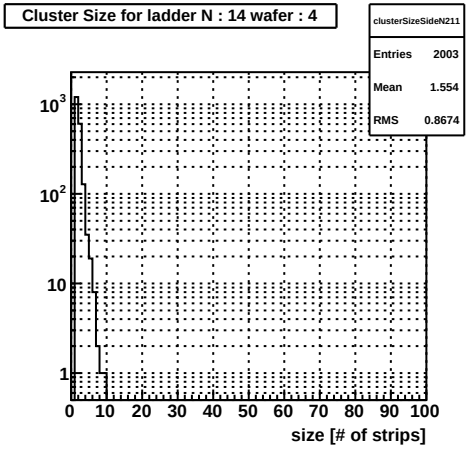

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1346
Mean 1.464
RMS 0.7205
size [# of strips]

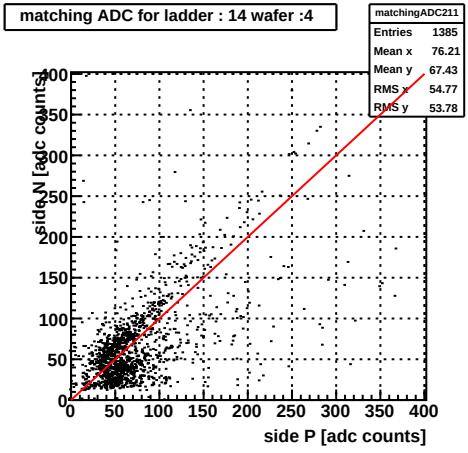

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 519
Mean x 79.88
Mean y 63.58
RMS x 57.54
RMS y 50.85
side N [adc counts]
side P [adc counts]

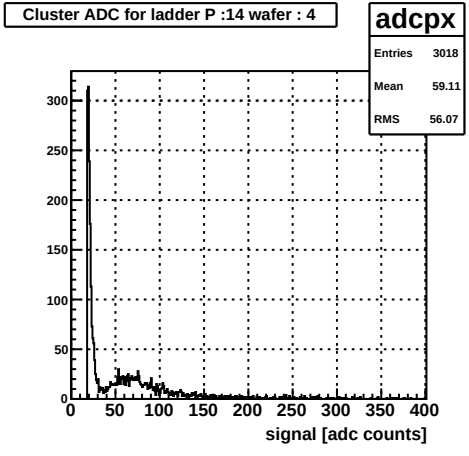

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1592
Mean 86.29
RMS 66.6
signal [adc counts]

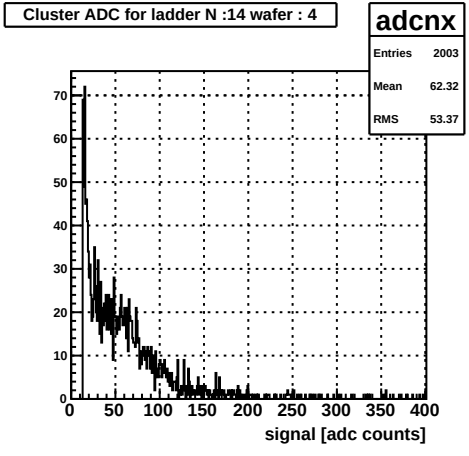

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1346
Mean 63.07
RMS 53.4
signal [adc counts]

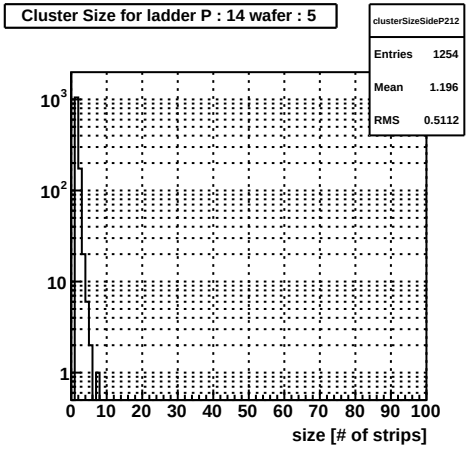

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3018
Mean 1.233
RMS 0.5448
size [# of strips]

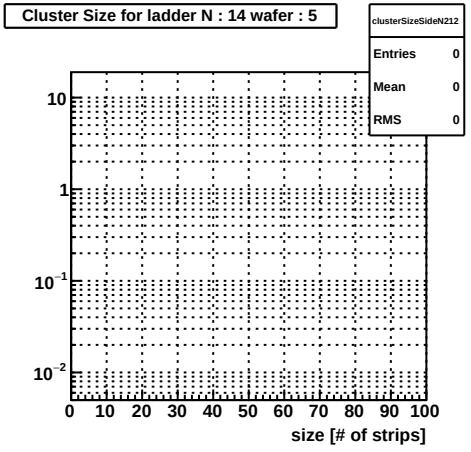

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2003
Mean 1.554
RMS 0.8674
size [# of strips]

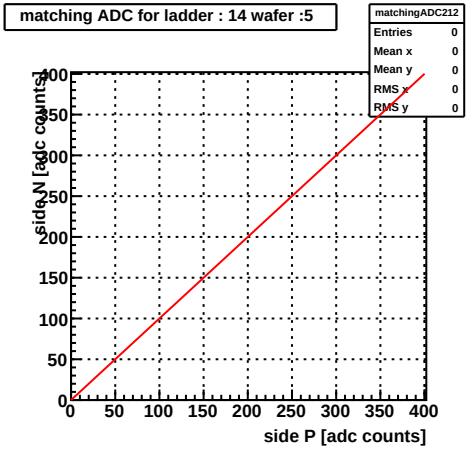

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1385
Mean x 76.21
Mean y 67.43
RMS x 54.77
RMS y 53.78
side N [adc counts]
side P [adc counts]

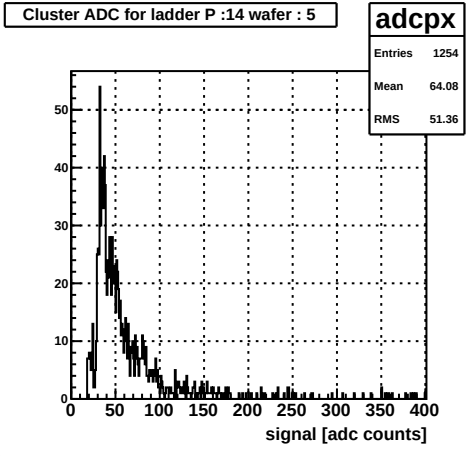

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3018
Mean 59.11
RMS 56.07
signal [adc counts]

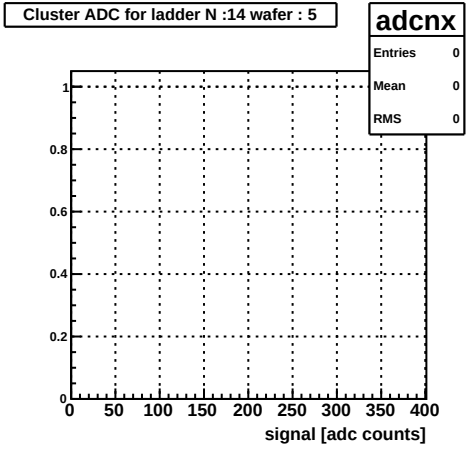

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2003
Mean 62.32
RMS 53.37
signal [adc counts]

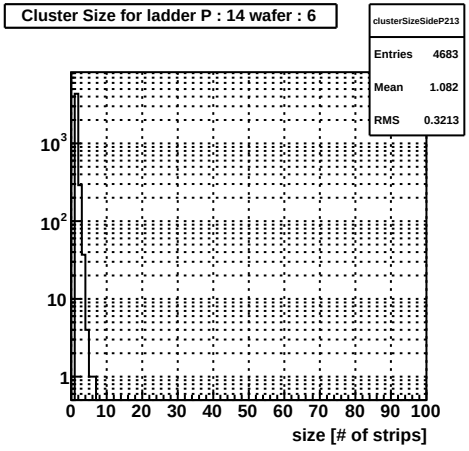

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1254
Mean 1.196
RMS 0.5112
size [# of strips]

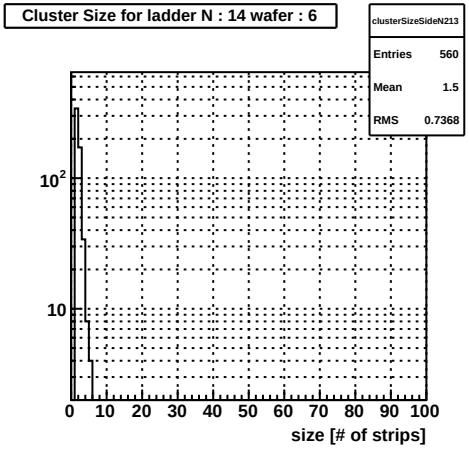

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

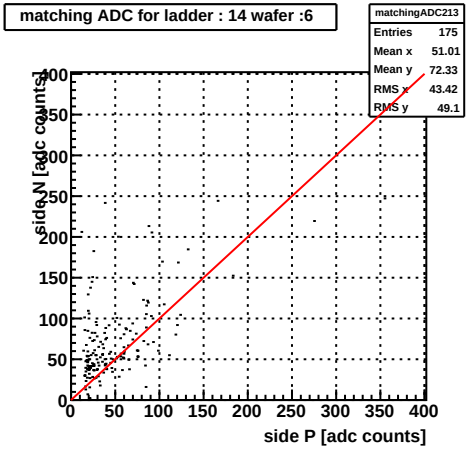

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

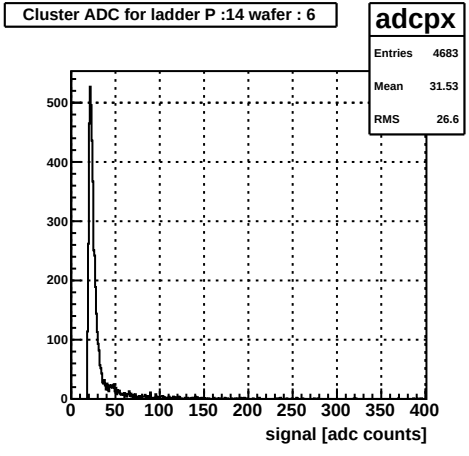

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1254
Mean 64.08
RMS 51.36
signal [adc counts]

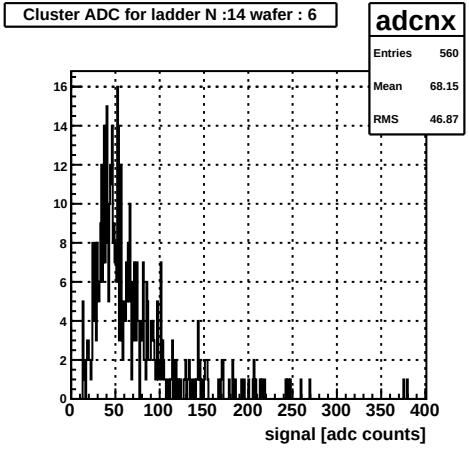

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

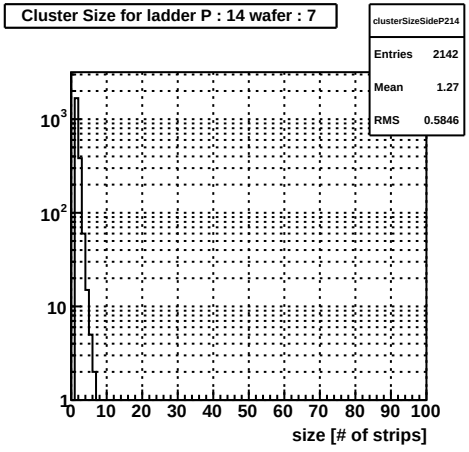

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 4683
Mean 1.082
RMS 0.3213
size [# of strips]

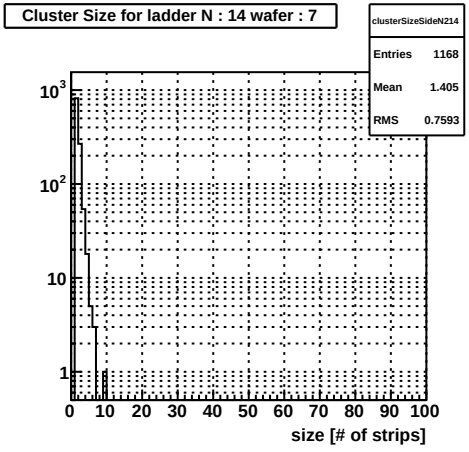

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 560
Mean 1.5
RMS 0.7368
size [# of strips]

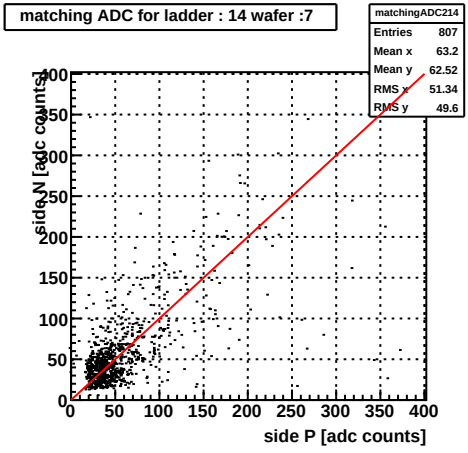

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 175
Mean x 51.01
Mean y 72.33
RMS x 43.42
RMS y 49.1
side N [adc counts]
side P [adc counts]

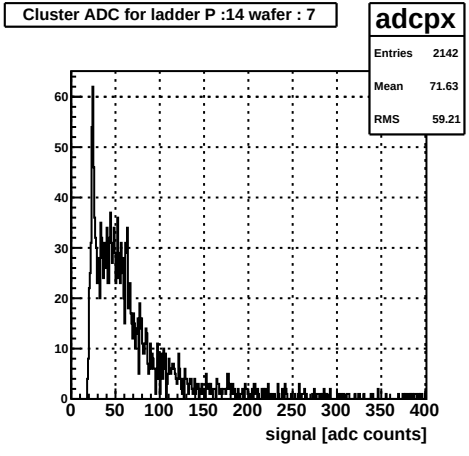

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 4683
Mean 31.53
RMS 26.6
signal [adc counts]

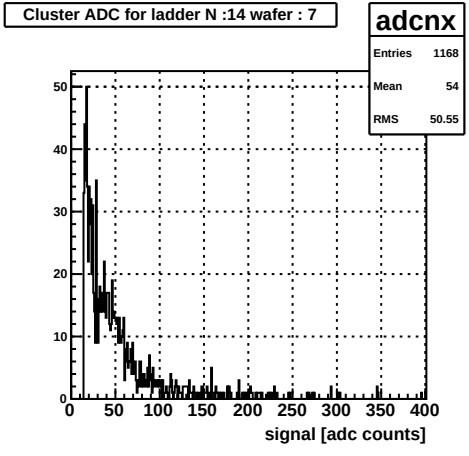

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 560
Mean 68.15
RMS 46.87
signal [adc counts]

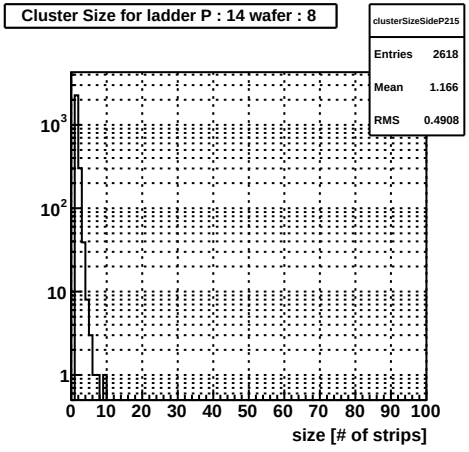

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2142
Mean 1.27
RMS 0.5846
size [# of strips]

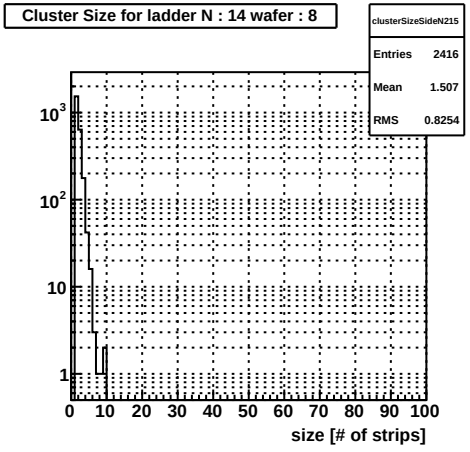

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1168
Mean 1.405
RMS 0.7593
size [# of strips]

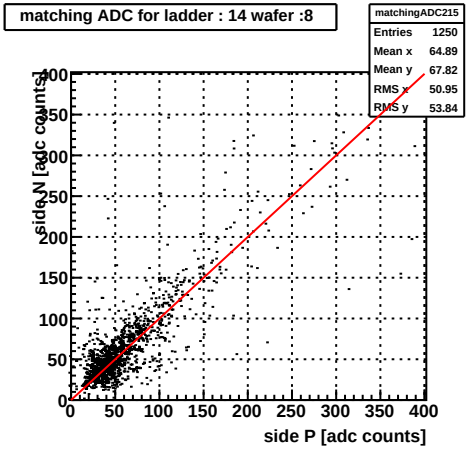

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 807
Mean x 63.2
Mean y 62.52
RMS x 51.34
RMS y 49.6
side N [adc counts]
side P [adc counts]

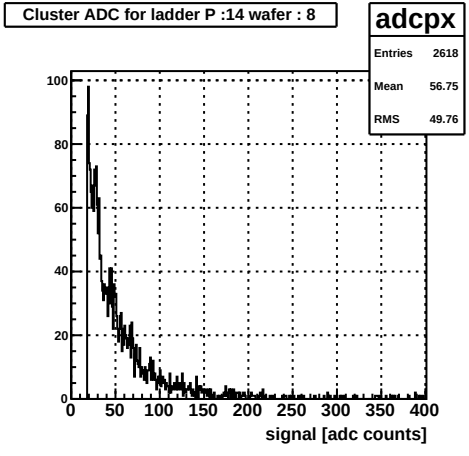

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2142
Mean 71.63
RMS 59.21
signal [adc counts]

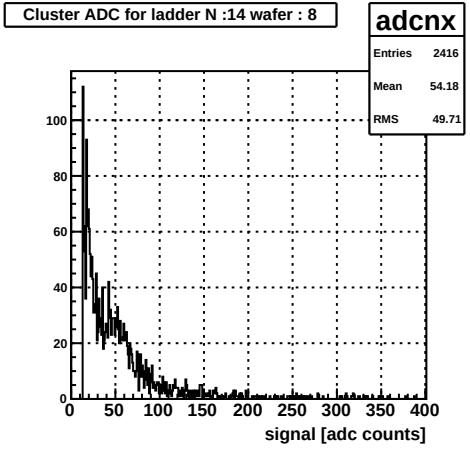

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1168
Mean 54
RMS 50.55
signal [adc counts]

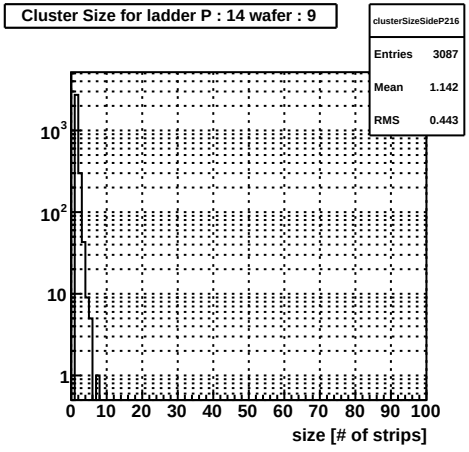

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2618
Mean 1.166
RMS 0.4908
size [# of strips]

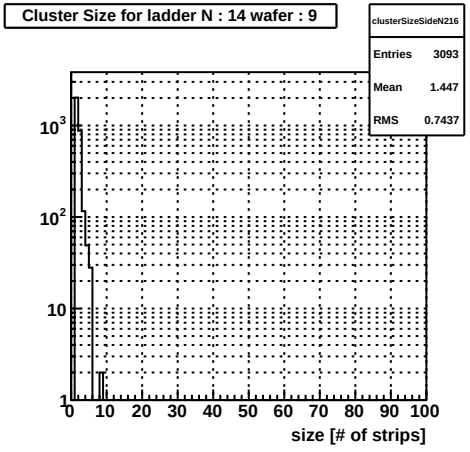

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2416
Mean 1.507
RMS 0.8254
size [# of strips]

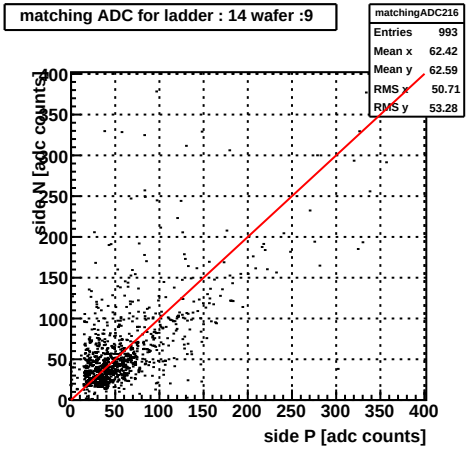

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1250
Mean x 64.89
Mean y 67.82
RMS x 50.95
RMS y 53.84
side N [adc counts]
side P [adc counts]

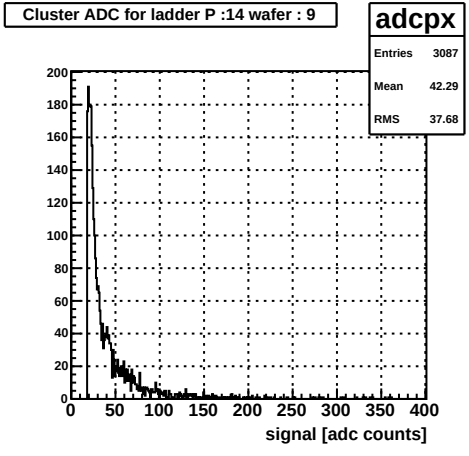

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2618
Mean 56.75
RMS 49.76
signal [adc counts]

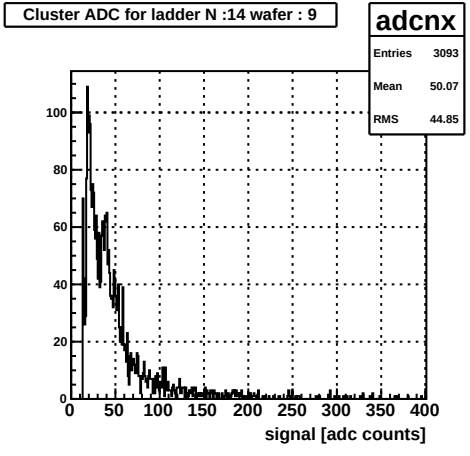

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2416
Mean 54.18
RMS 49.71
signal [adc counts]

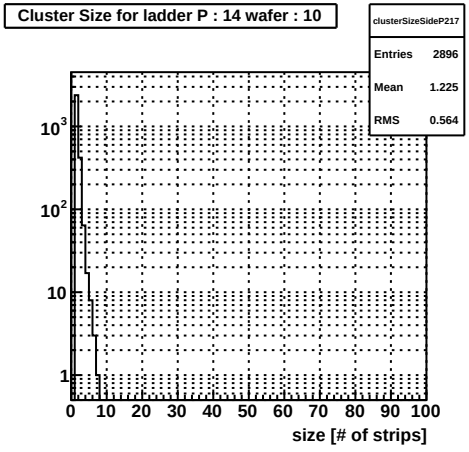

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 3087
Mean 1.142
RMS 0.443
size [# of strips]

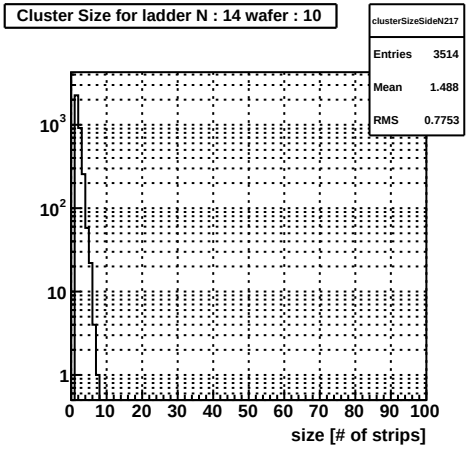

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 3093
Mean 1.447
RMS 0.7437
size [# of strips]

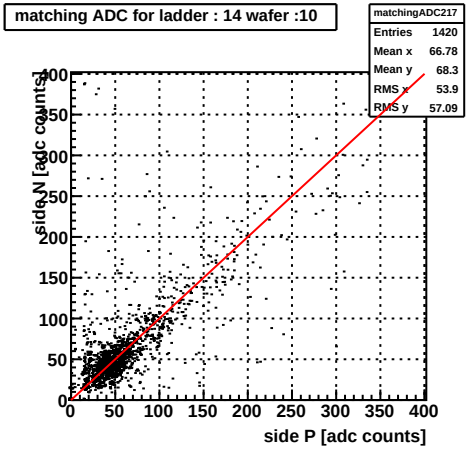

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 993
Mean x 62.42
Mean y 62.59
RMS x 50.71
RMS y 53.28
side N [adc counts]
side P [adc counts]

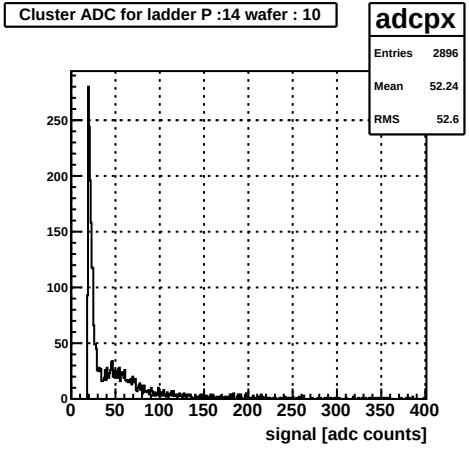

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 3087
Mean 42.29
RMS 37.68
signal [adc counts]

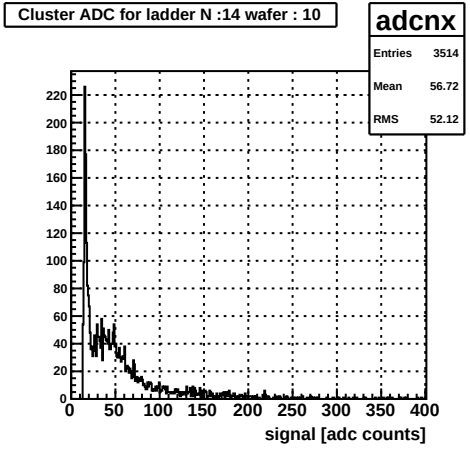

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 3093
Mean 50.07
RMS 44.85
signal [adc counts]

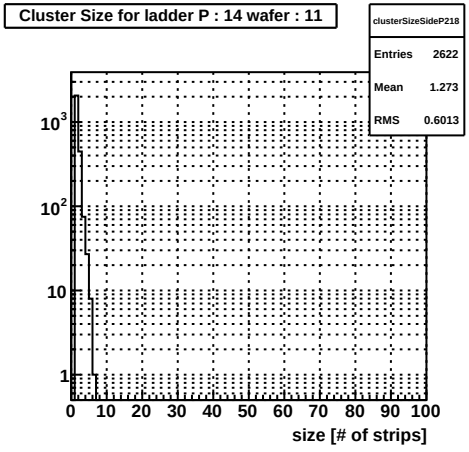

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 2896
Mean 1.225
RMS 0.564
size [# of strips]

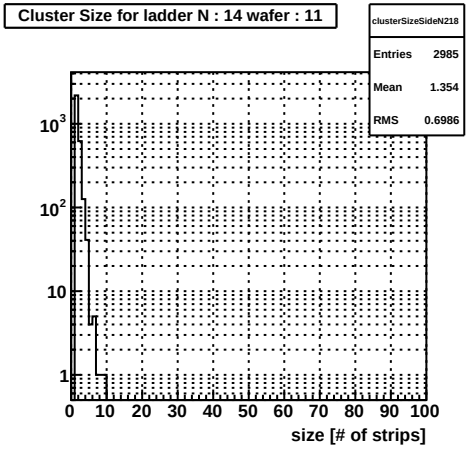

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 3514
Mean 1.488
RMS 0.7753
size [# of strips]

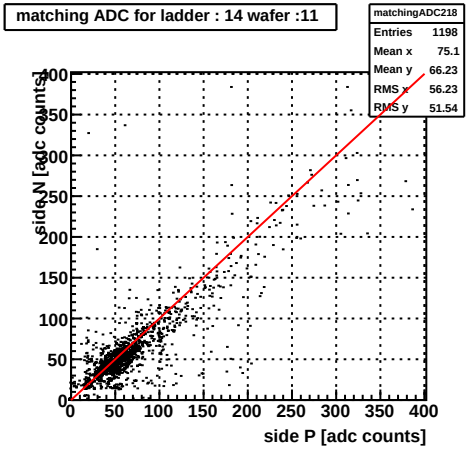

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1420
Mean x 66.78
Mean y 68.3
RMS x 53.9
RMS y 57.09
side N [adc counts]
side P [adc counts]

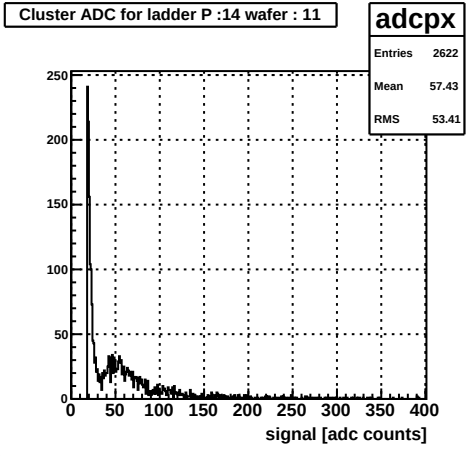

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 2896
Mean 52.24
RMS 52.6
signal [adc counts]

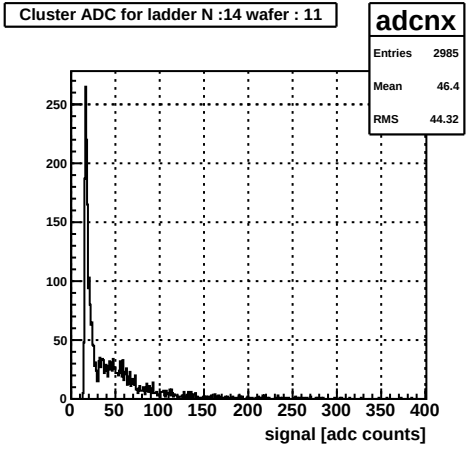

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 3514
Mean 56.72
RMS 52.12
signal [adc counts]

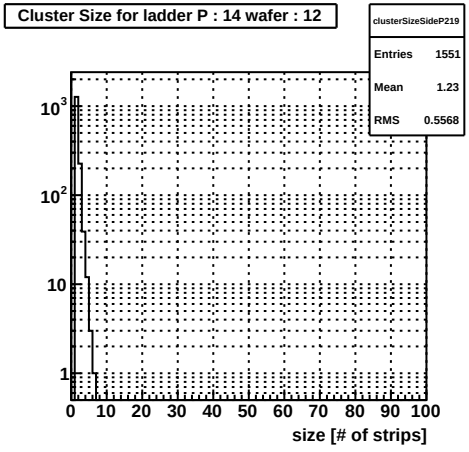

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2622
Mean 1.273
RMS 0.6013
size [# of strips]

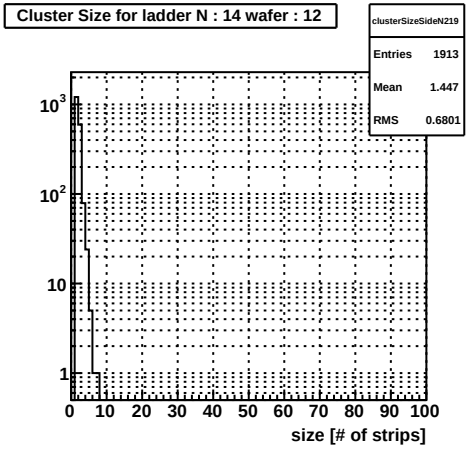

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 2985
Mean 1.354
RMS 0.6986
size [# of strips]

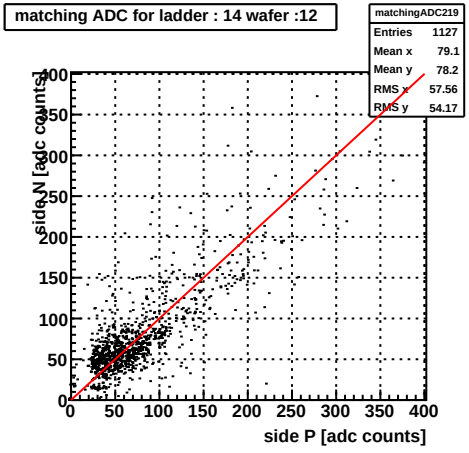

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1198
Mean x 75.1
Mean y 66.23
RMS x 56.23
RMS y 51.54
side N [adc counts]
side P [adc counts]

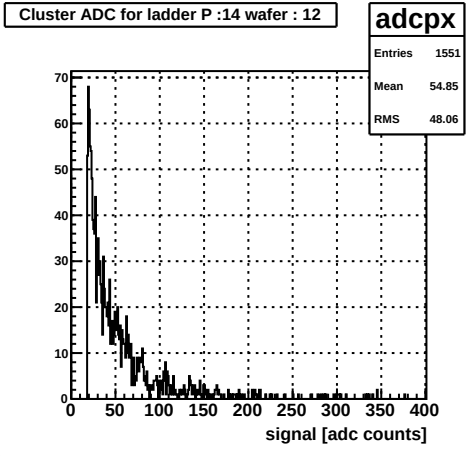

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2622
Mean 57.43
RMS 53.41
signal [adc counts]

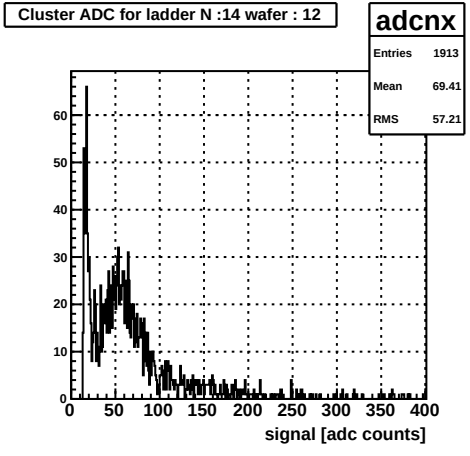

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 2985
Mean 46.4
RMS 44.32
signal [adc counts]

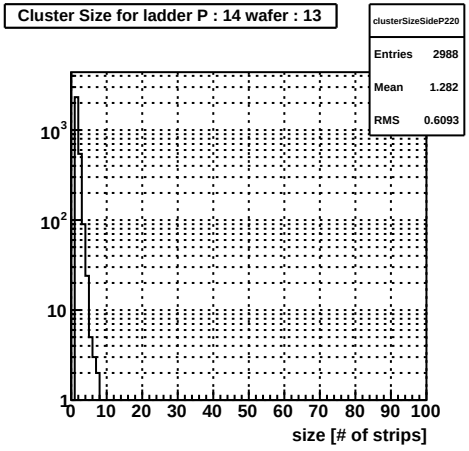

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1551
Mean 1.23
RMS 0.5568
size [# of strips]

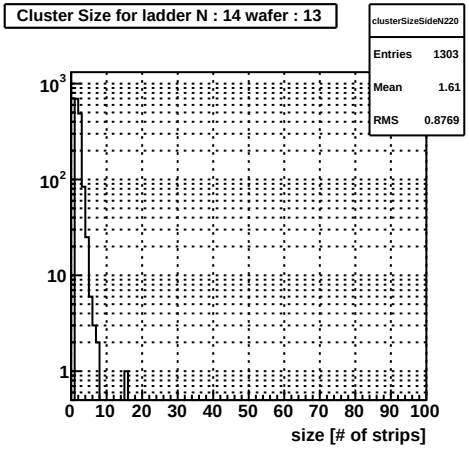

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1913
Mean 1.447
RMS 0.6801
size [# of strips]

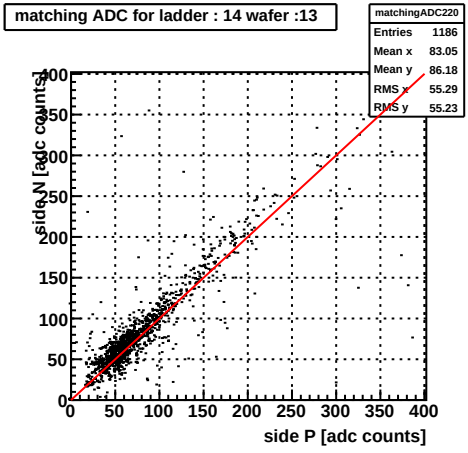

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1127
Mean x 79.1
Mean y 78.2
RMS x 57.56
RMS y 54.17
side N [adc counts]
side P [adc counts]

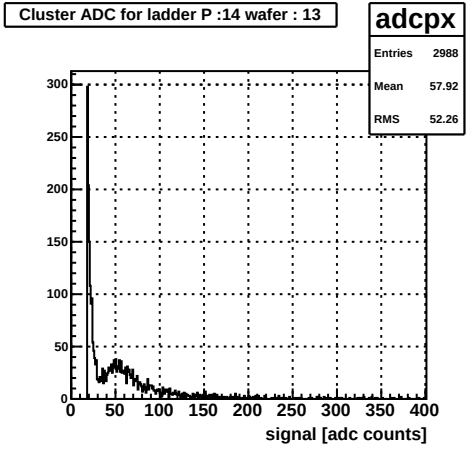

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1551
Mean 54.85
RMS 48.06
signal [adc counts]

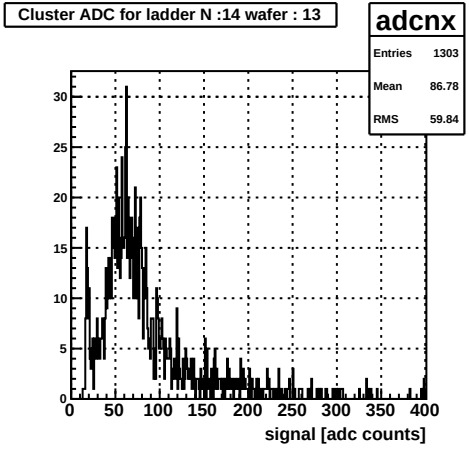

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1913
Mean 69.41
RMS 57.21
signal [adc counts]

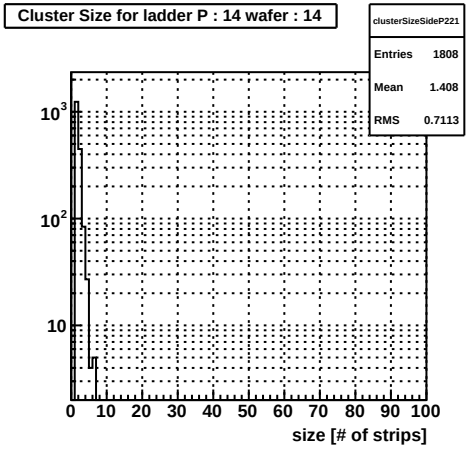

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 2988
Mean 1.282
RMS 0.6093
size [# of strips]

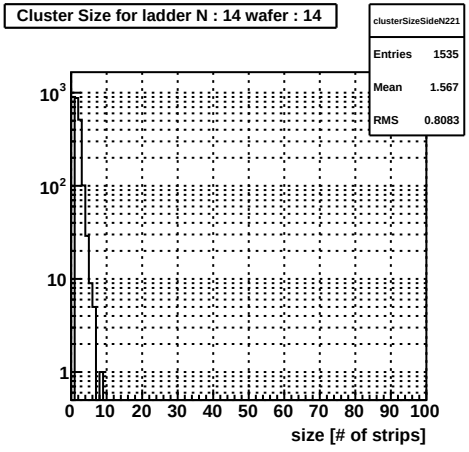

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1303
Mean 1.61
RMS 0.8769
size [# of strips]

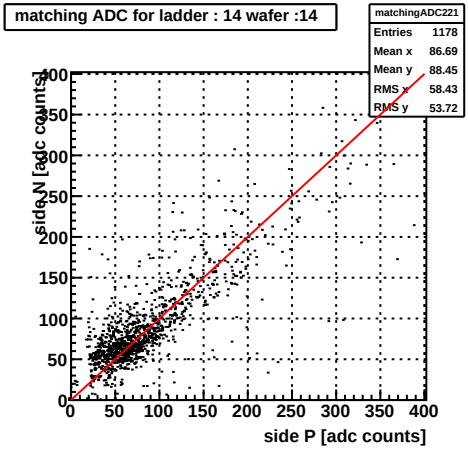

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1186
Mean x 83.05
Mean y 86.18
RMS x 55.29
RMS y 55.23
side N [adc counts]
side P [adc counts]

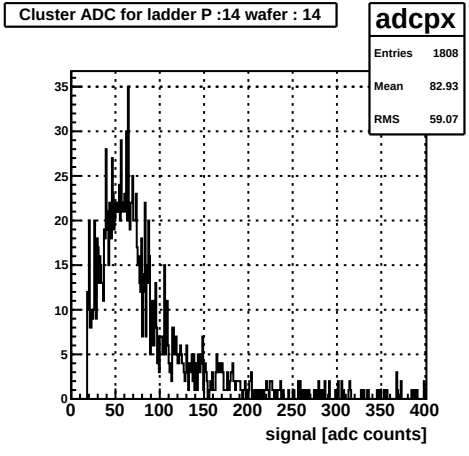

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 2988
Mean 57.92
RMS 52.26
signal [adc counts]

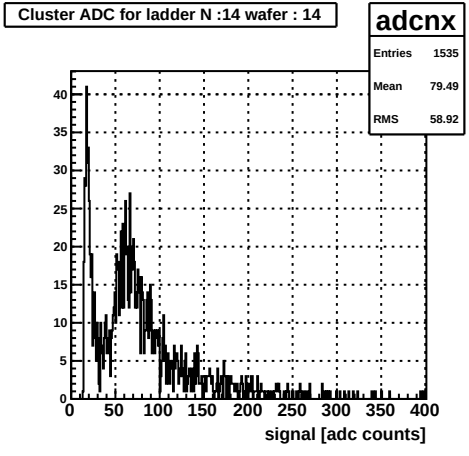

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1303
Mean 86.78
RMS 59.84
signal [adc counts]

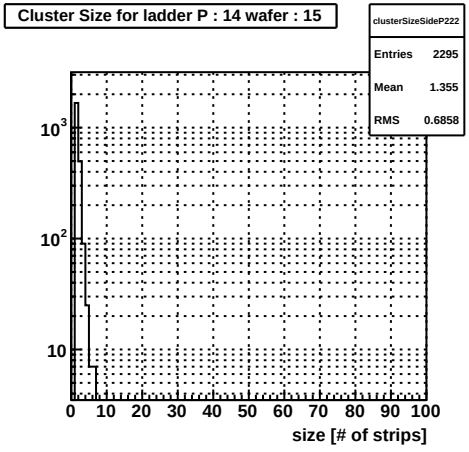

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1808
Mean 1.408
RMS 0.7113
size [# of strips]

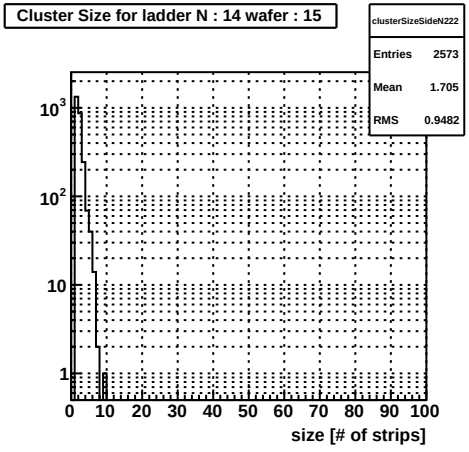

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1535
Mean 1.567
RMS 0.8083
size [# of strips]

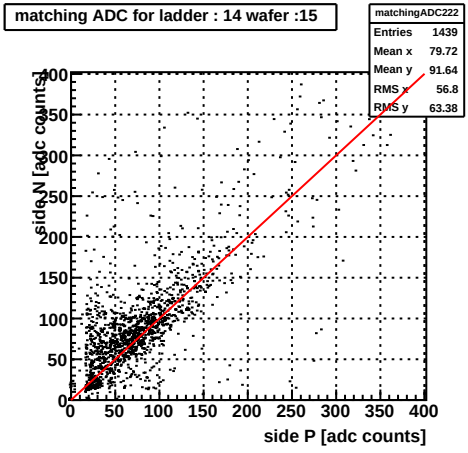

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1178
Mean x 86.69
Mean y 88.45
RMS x 58.43
RMS y 53.72
side N [adc counts]
side P [adc counts]

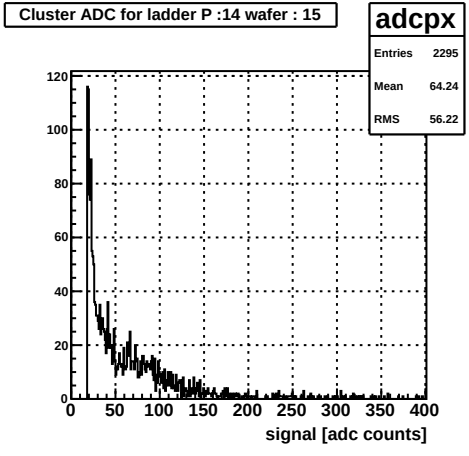

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1808
Mean 82.93
RMS 59.07
signal [adc counts]

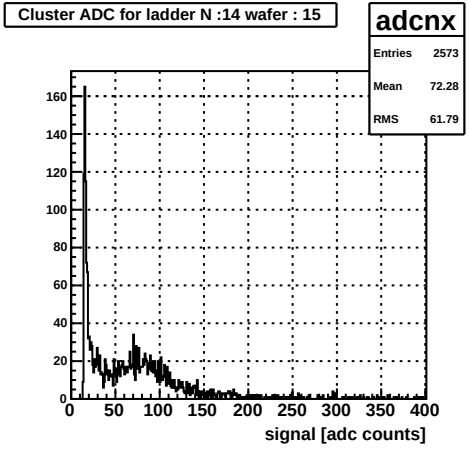

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1535
Mean 79.49
RMS 58.92
signal [adc counts]

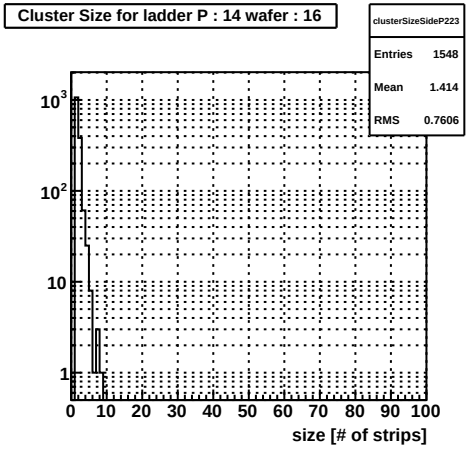

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2295
Mean 1.355
RMS 0.6858
size [# of strips]

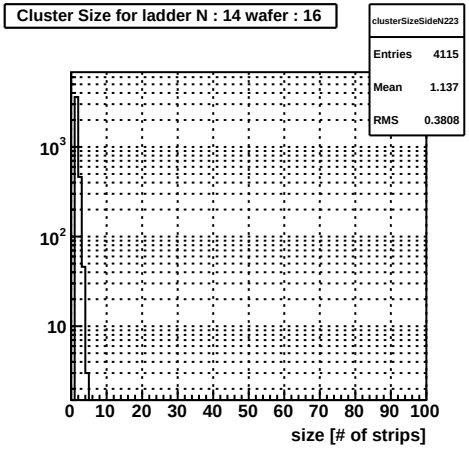

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2573
Mean 1.705
RMS 0.9482
size [# of strips]

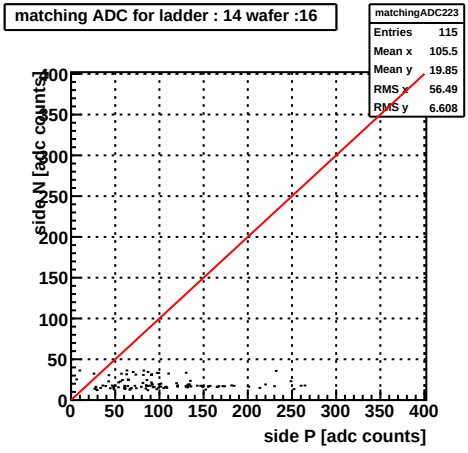

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1439
Mean x 79.72
Mean y 91.64
RMS x 56.8
RMS y 63.38
side N [adc counts]
side P [adc counts]

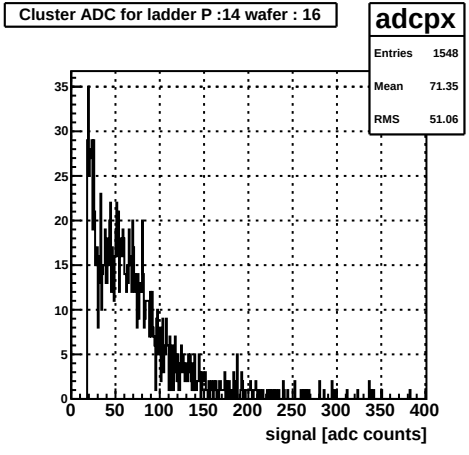

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2295
Mean 64.24
RMS 56.22
signal [adc counts]

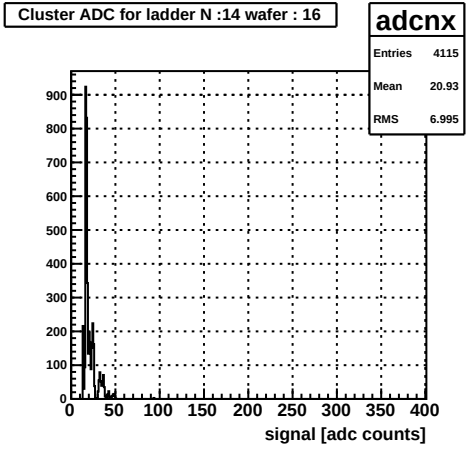

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2573
Mean 72.28
RMS 61.79
signal [adc counts]

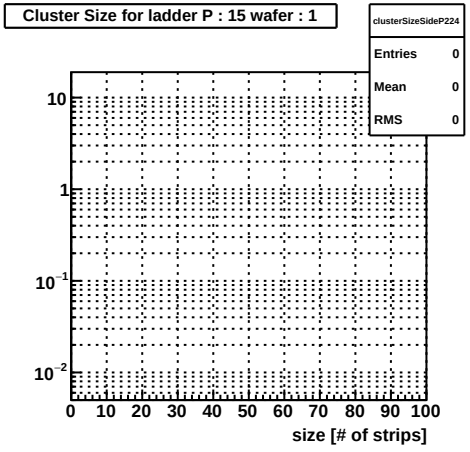

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1548
Mean 1.414
RMS 0.7606
size [# of strips]

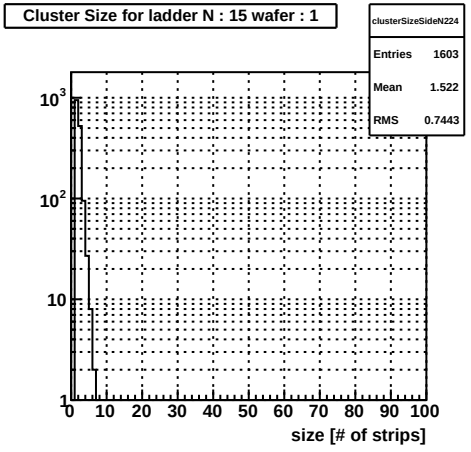

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 4115
Mean 1.137
RMS 0.3808
size [# of strips]

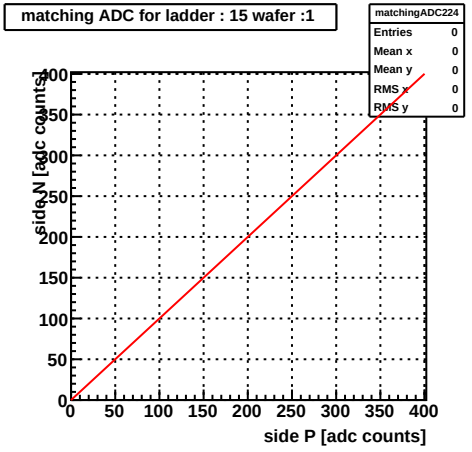

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 115
Mean x 105.5
Mean y 19.85
RMS x 56.49
RMS y 6.608
side N [adc counts]
side P [adc counts]

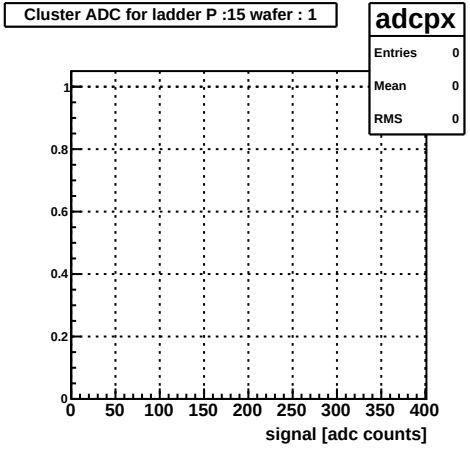

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1548
Mean 71.35
RMS 51.06
signal [adc counts]

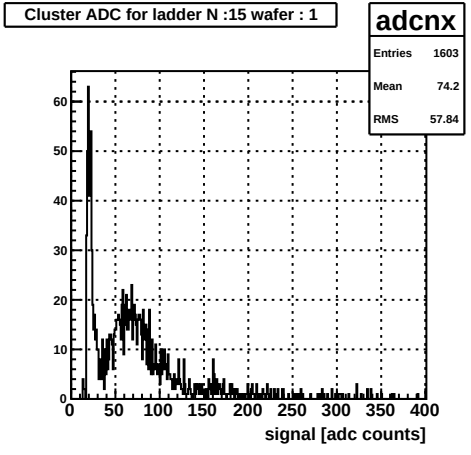

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 4115
Mean 20.93
RMS 6.995
signal [adc counts]

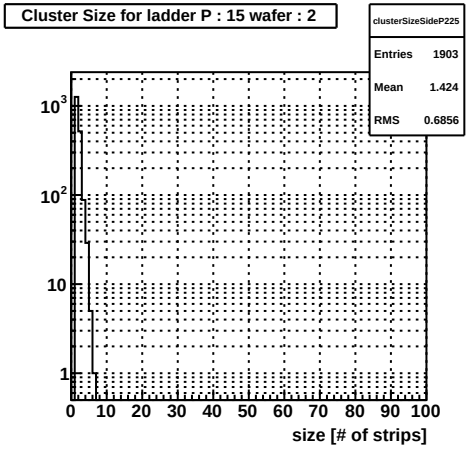

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

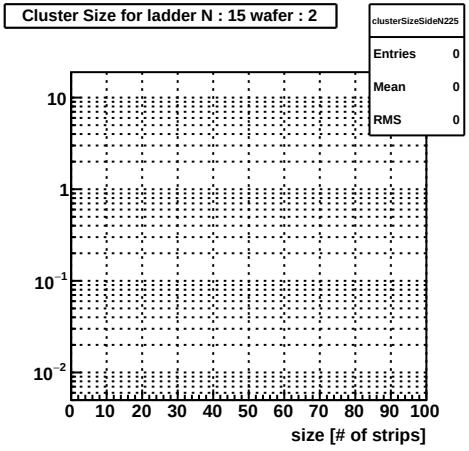

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1603
Mean 1.522
RMS 0.7443
size [# of strips]

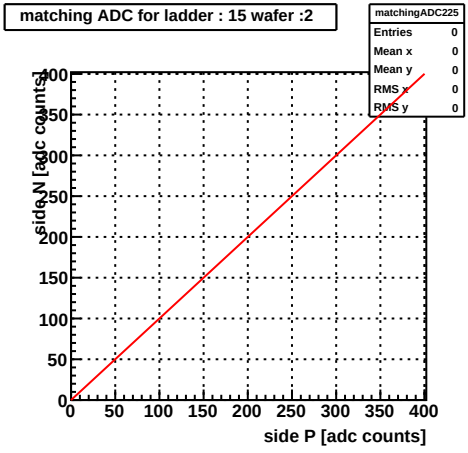

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

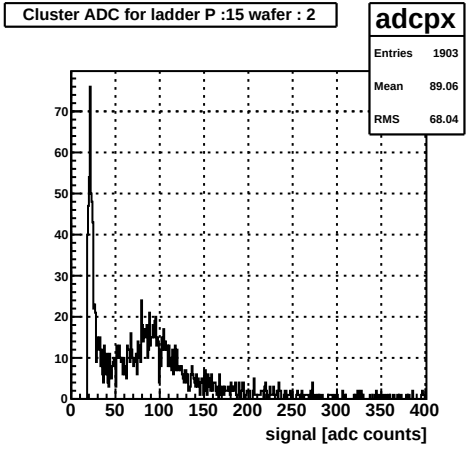

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

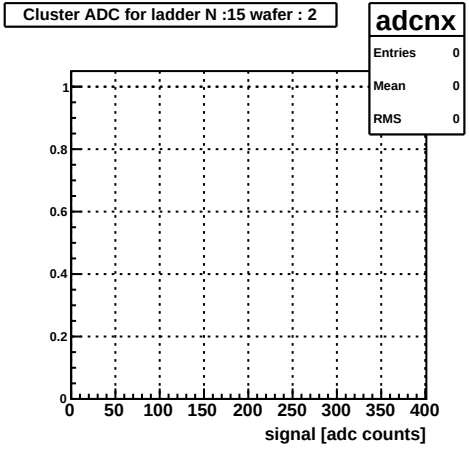

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1603
Mean 74.2
RMS 57.84
signal [adc counts]

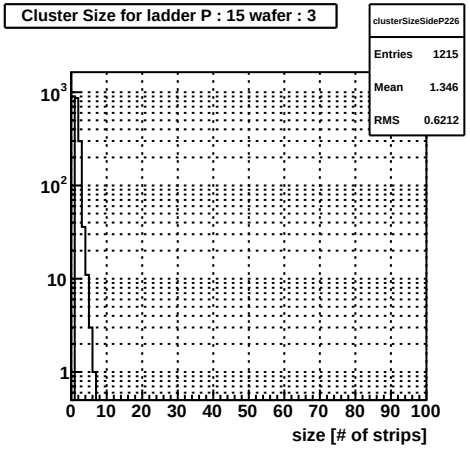

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1903
Mean 1.424
RMS 0.6856
size [# of strips]

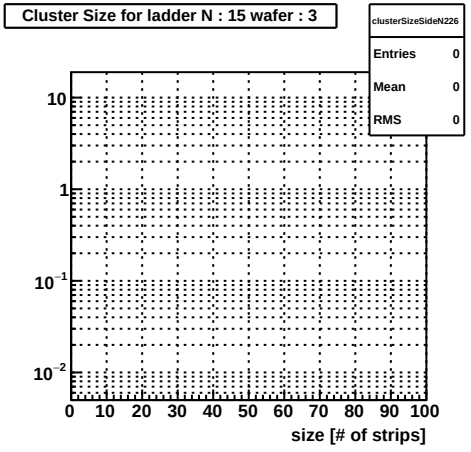

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

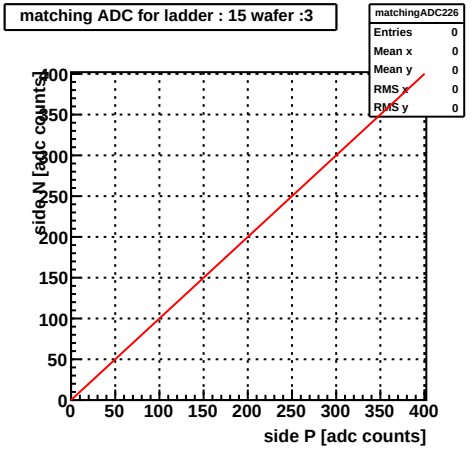

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

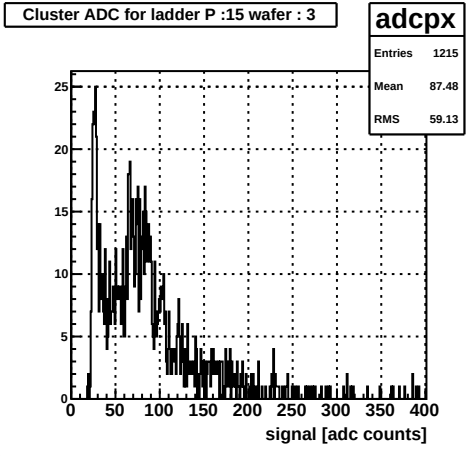

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1903
Mean 89.06
RMS 68.04
signal [adc counts]

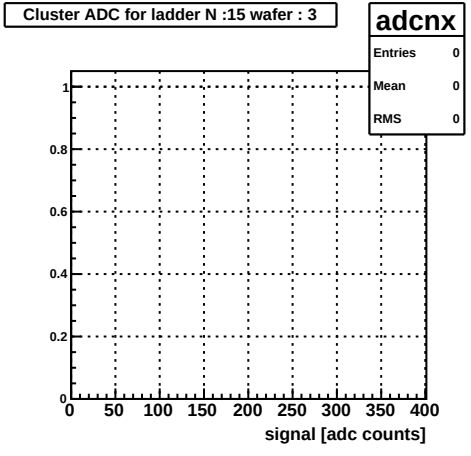

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

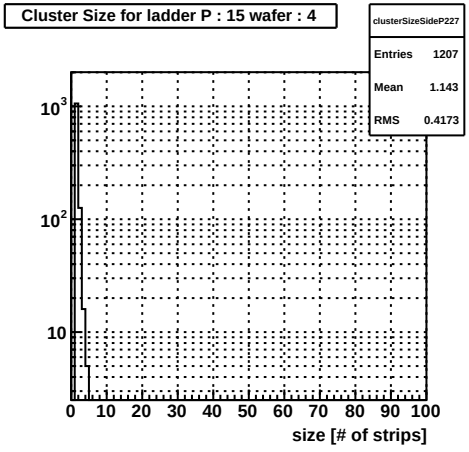

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1215
Mean 1.346
RMS 0.6212
size [# of strips]

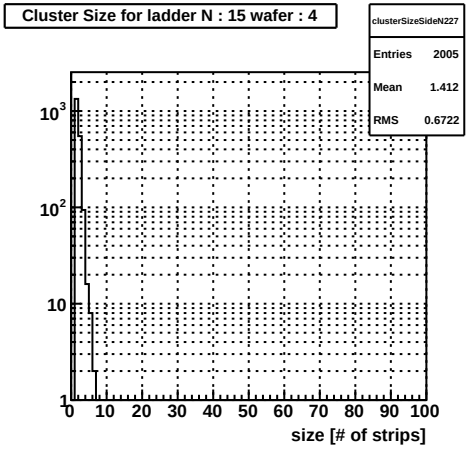

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

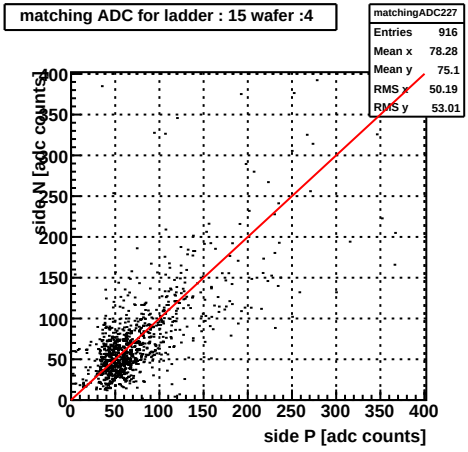

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

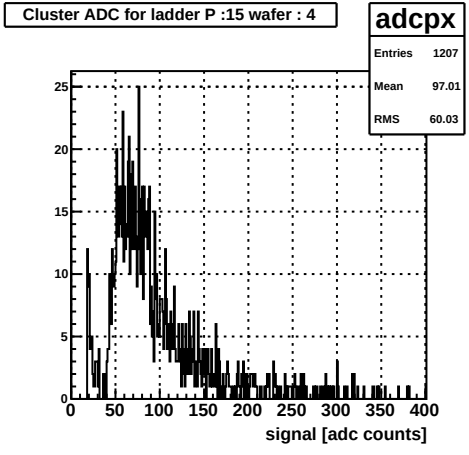

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1215
Mean 87.48
RMS 59.13
signal [adc counts]

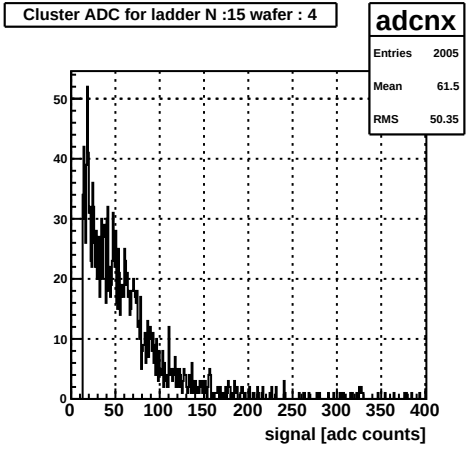

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

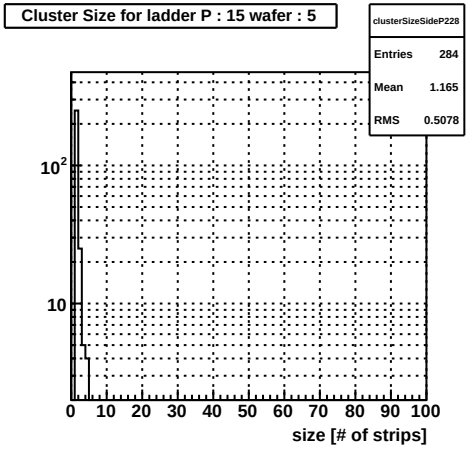

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1207
Mean 1.143
RMS 0.4173
size [# of strips]

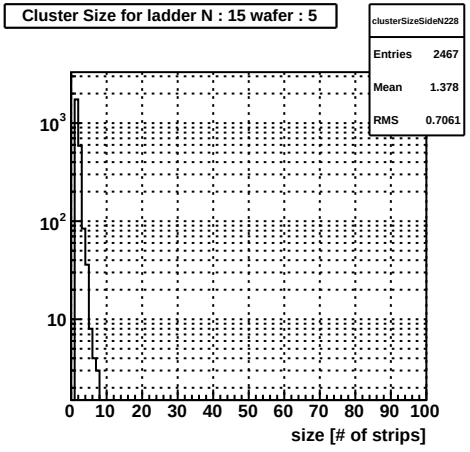

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2005
Mean 1.412
RMS 0.6722
size [# of strips]

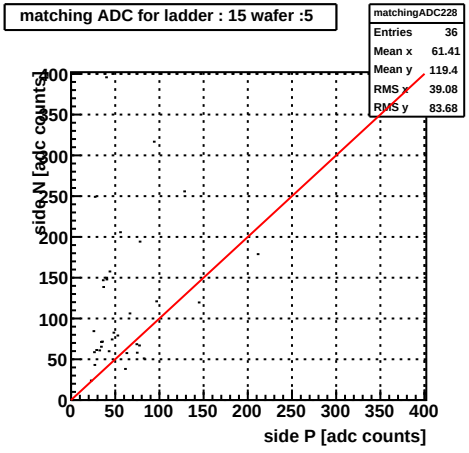

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 916
Mean x 78.28
Mean y 75.1
RMS x 50.19
RMS y 53.01
side N [adc counts]
side P [adc counts]

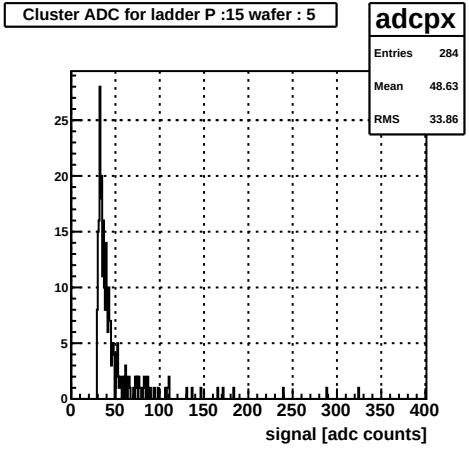

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1207
Mean 97.01
RMS 60.03
signal [adc counts]

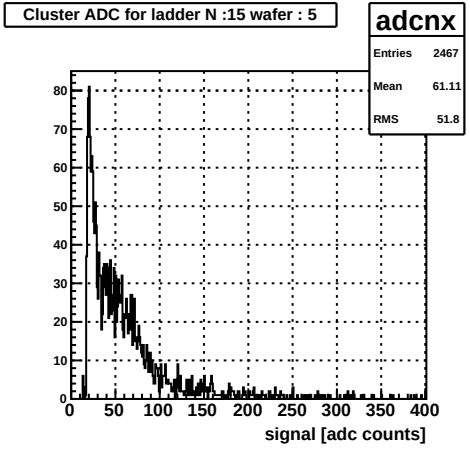

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2005
Mean 61.5
RMS 50.35
signal [adc counts]

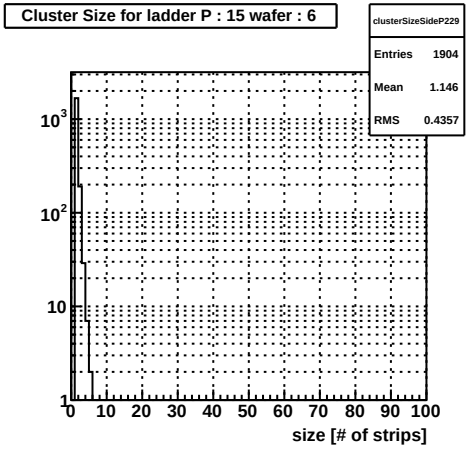

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 284
Mean 1.165
RMS 0.5078
size [# of strips]

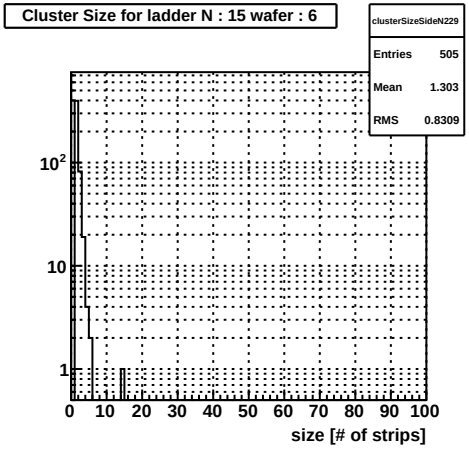

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2467
Mean 1.378
RMS 0.7061
size [# of strips]

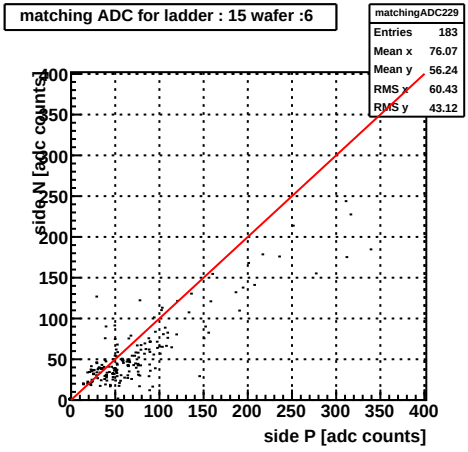

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 36
Mean x 61.41
Mean y 119.4
RMS x 39.08
RMS y 83.68
side N [adc counts]
side P [adc counts]

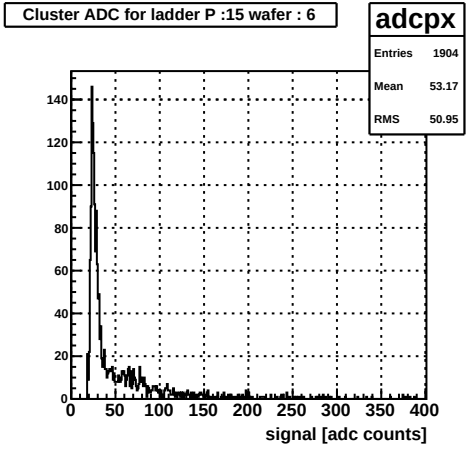

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 284
Mean 48.63
RMS 33.86
signal [adc counts]

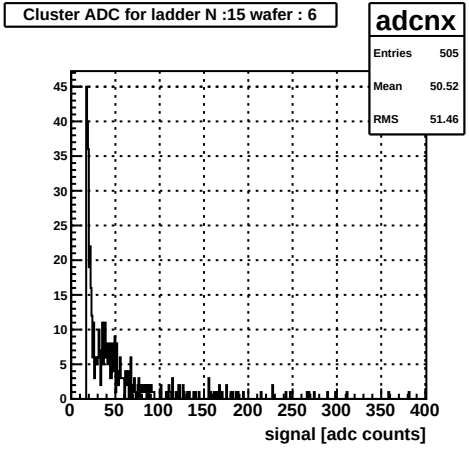

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2467
Mean 61.11
RMS 51.8
signal [adc counts]

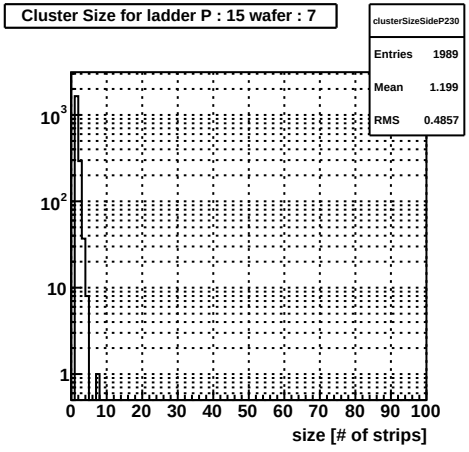

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 1904
Mean 1.146
RMS 0.4357
size [# of strips]

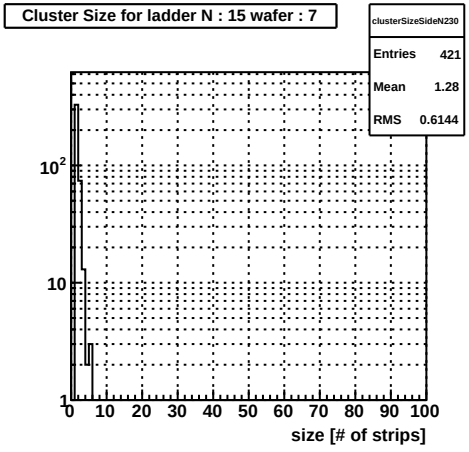

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 505
Mean 1.303
RMS 0.8309
size [# of strips]

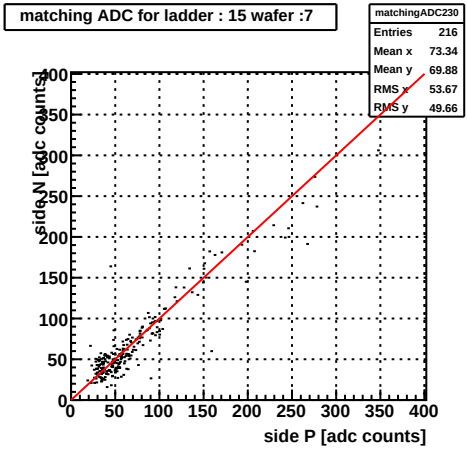

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 183
Mean x 76.07
Mean y 56.24
RMS x 60.43
RMS y 43.12
side N [adc counts]
side P [adc counts]

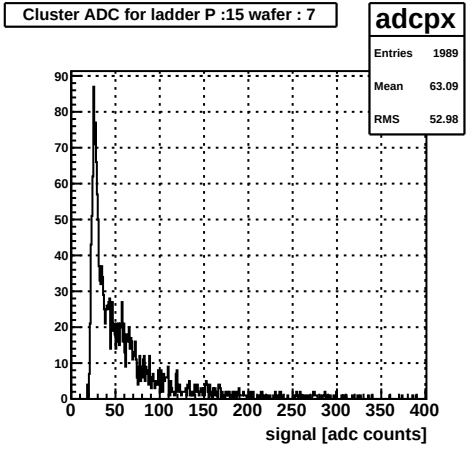

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 1904
Mean 53.17
RMS 50.95
signal [adc counts]

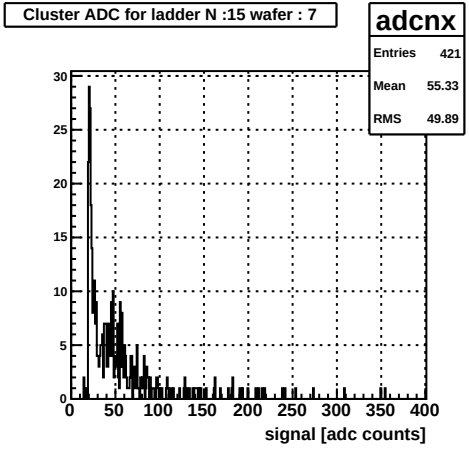

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 505
Mean 50.52
RMS 51.46
signal [adc counts]

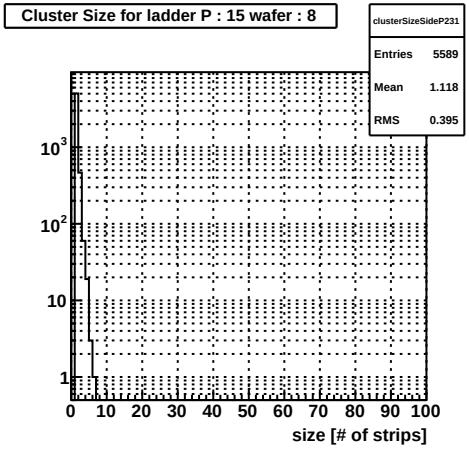

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1989
Mean 1.199
RMS 0.4857
size [# of strips]

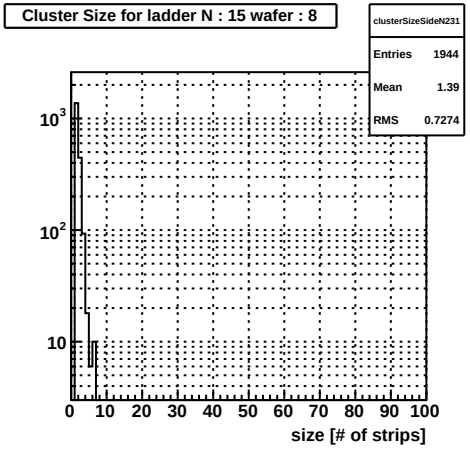

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 421
Mean 1.28
RMS 0.6144
size [# of strips]

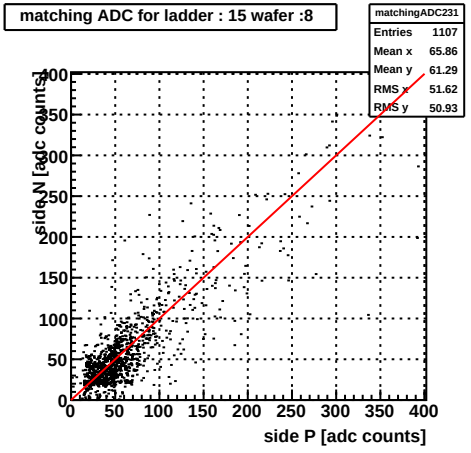

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 216
Mean x 73.34
Mean y 69.88
RMS x 53.67
RMS y 49.66
side N [adc counts]
side P [adc counts]

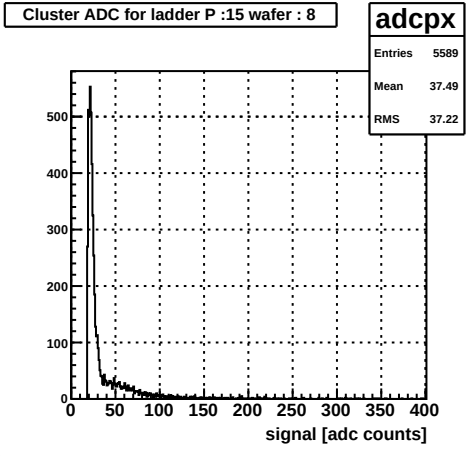

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1989
Mean 63.09
RMS 52.98
signal [adc counts]

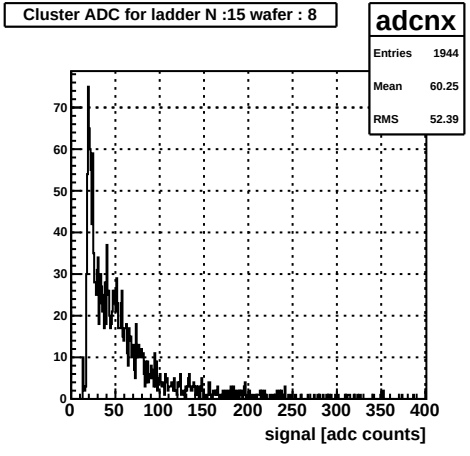

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 421
Mean 55.33
RMS 49.89
signal [adc counts]

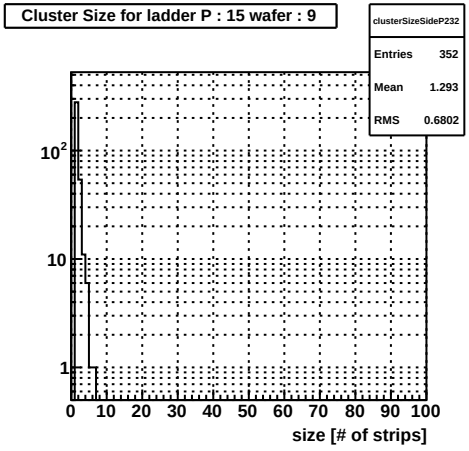

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 5589
Mean 1.118
RMS 0.395
size [# of strips]

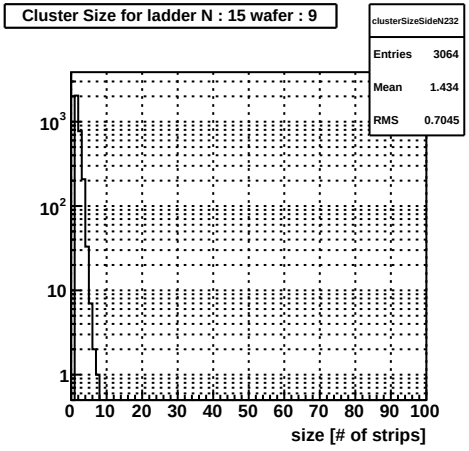

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1944
Mean 1.39
RMS 0.7274
size [# of strips]

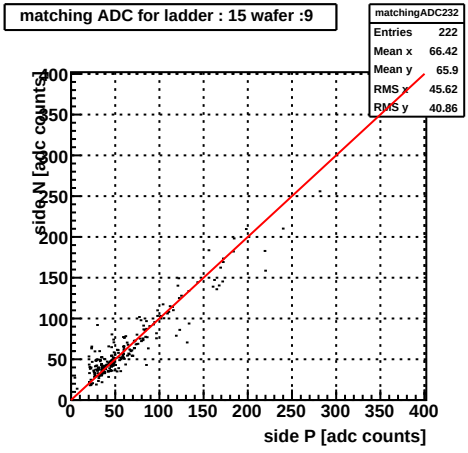

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1107
Mean x 65.86
Mean y 61.29
RMS x 51.62
RMS y 50.93
side N [adc counts]
side P [adc counts]

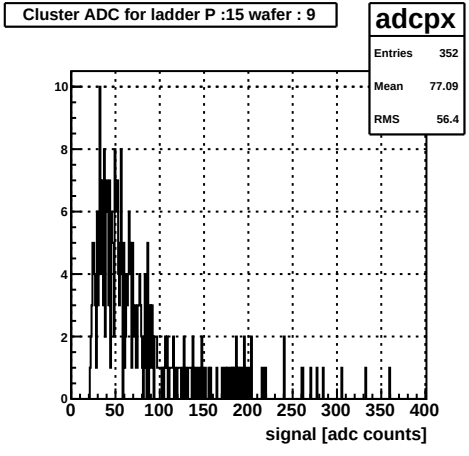

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 5589
Mean 37.49
RMS 37.22
signal [adc counts]

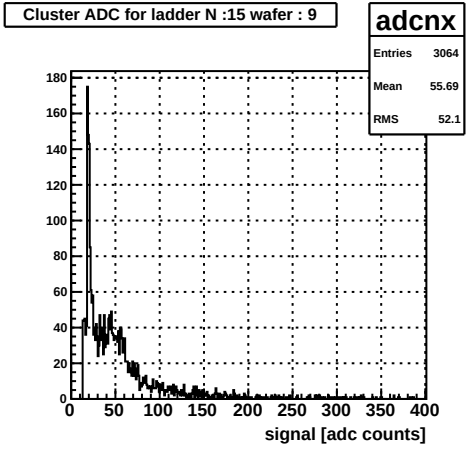

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1944
Mean 60.25
RMS 52.39
signal [adc counts]

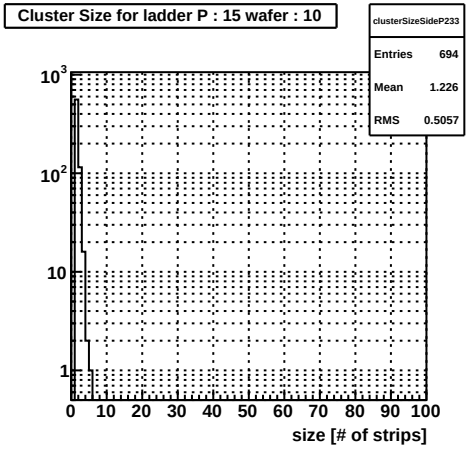

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 352
Mean 1.293
RMS 0.6802
size [# of strips]

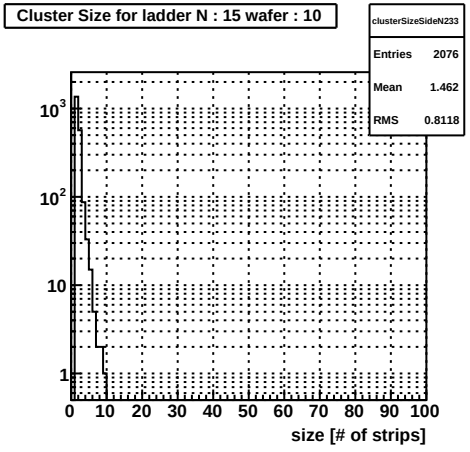

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3064
Mean 1.434
RMS 0.7045
size [# of strips]

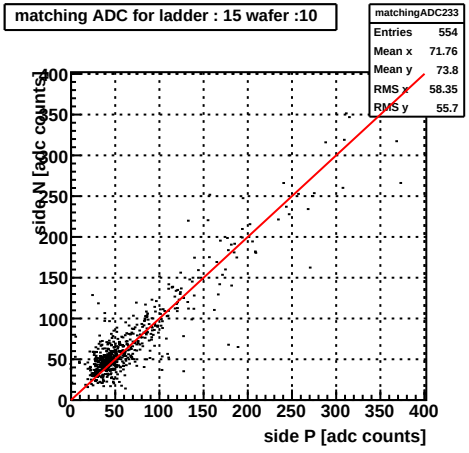

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 222
Mean x 66.42
Mean y 65.9
RMS x 45.62
RMS y 40.86
side N [adc counts]
side P [adc counts]

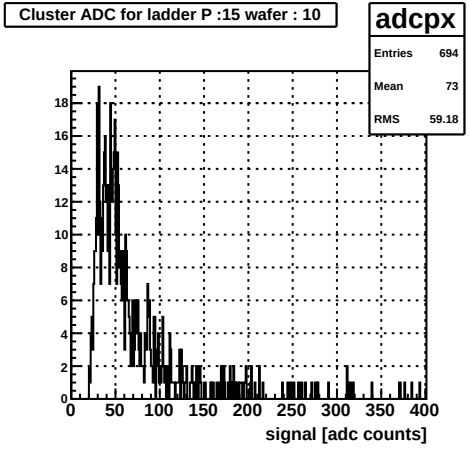

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 352
Mean 77.09
RMS 56.4
signal [adc counts]

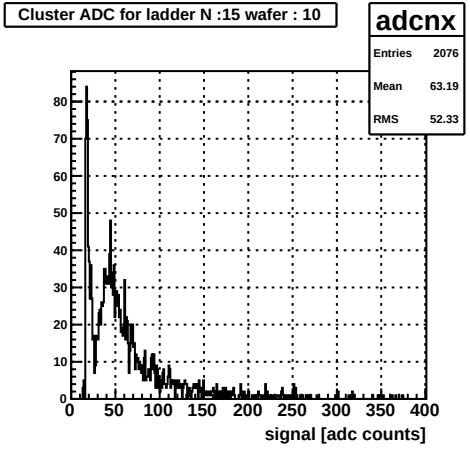

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3064
Mean 55.69
RMS 52.1
signal [adc counts]

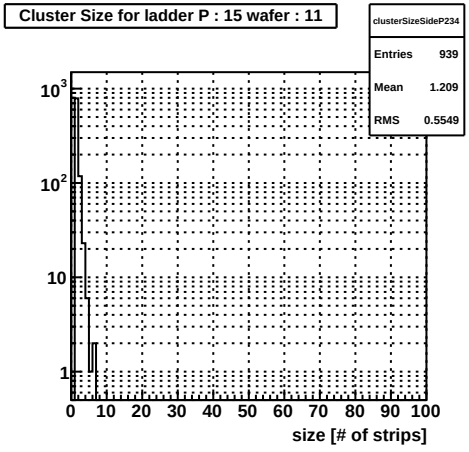

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 694
Mean 1.226
RMS 0.5057
size [# of strips]

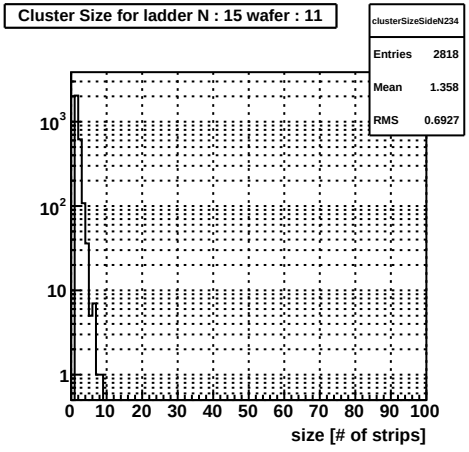

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2076
Mean 1.462
RMS 0.8118
size [# of strips]

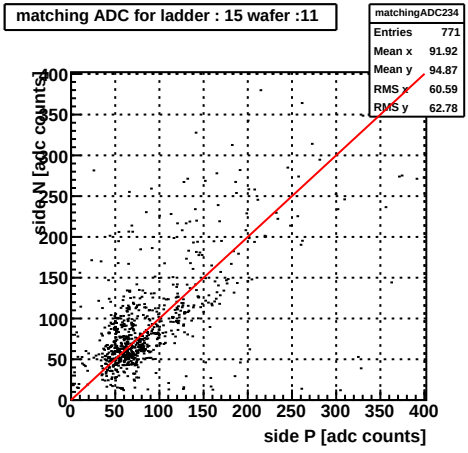

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 554
Mean x 71.76
Mean y 73.8
RMS x 58.35
RMS y 55.7
side N [adc counts]
side P [adc counts]

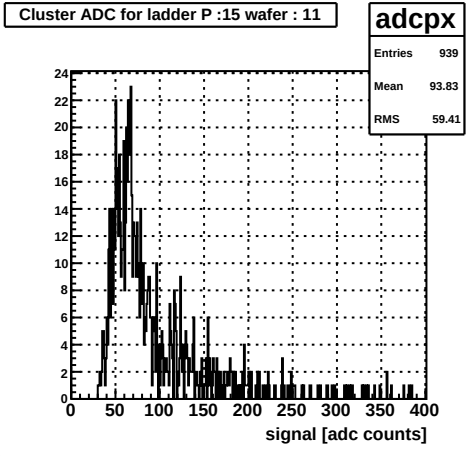

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 694
Mean 73
RMS 59.18
signal [adc counts]

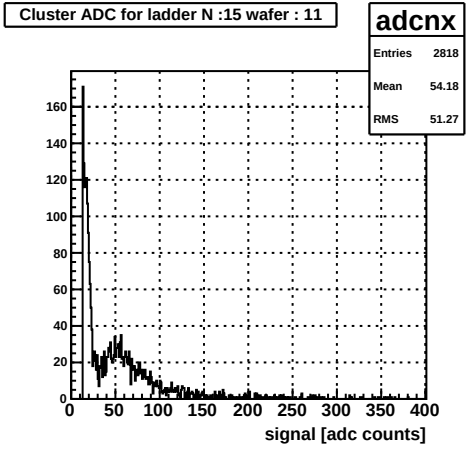

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2076
Mean 63.19
RMS 52.33
signal [adc counts]

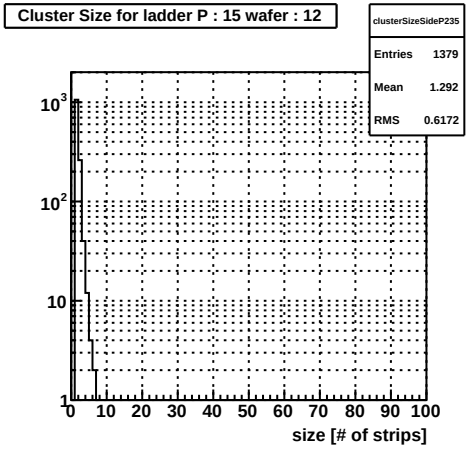

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 939
Mean 1.209
RMS 0.5549
size [# of strips]

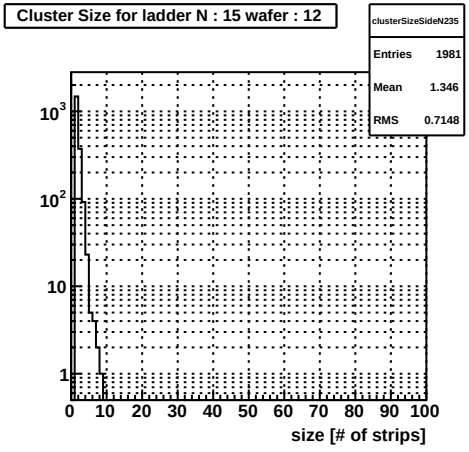

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2818
Mean 1.358
RMS 0.6927
size [# of strips]

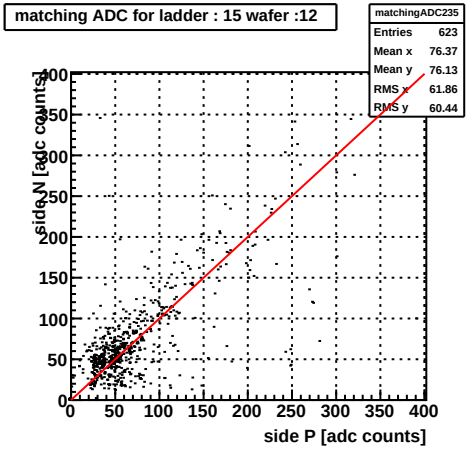

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 771
Mean x 91.92
Mean y 94.87
RMS x 60.59
RMS y 62.78
side N [adc counts]
side P [adc counts]

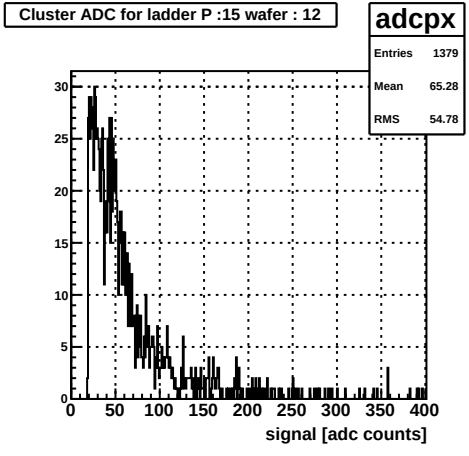

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 939
Mean 93.83
RMS 59.41
signal [adc counts]

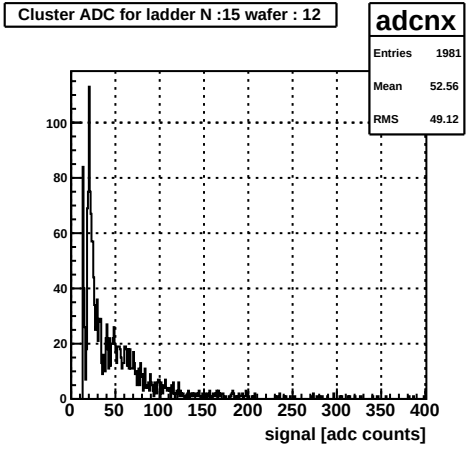

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2818
Mean 54.18
RMS 51.27
signal [adc counts]

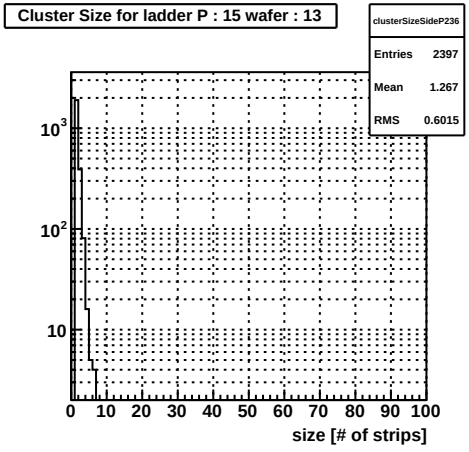

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1379
Mean 1.292
RMS 0.6172
size [# of strips]

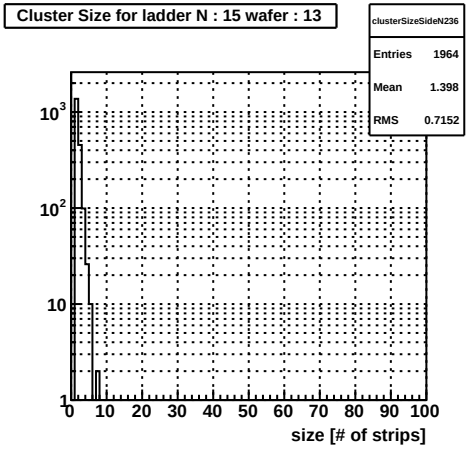

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1981
Mean 1.346
RMS 0.7148
size [# of strips]

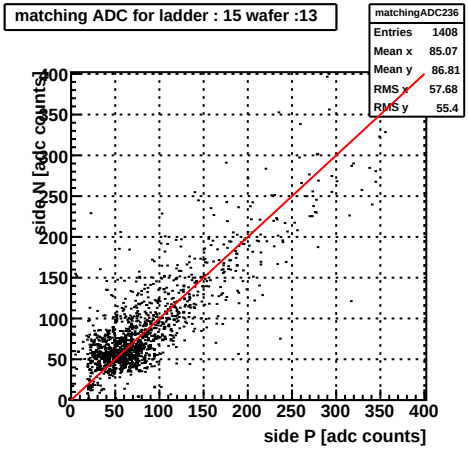

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 623
Mean x 76.37
Mean y 76.13
RMS x 61.86
RMS y 60.44
side N [adc counts]
side P [adc counts]

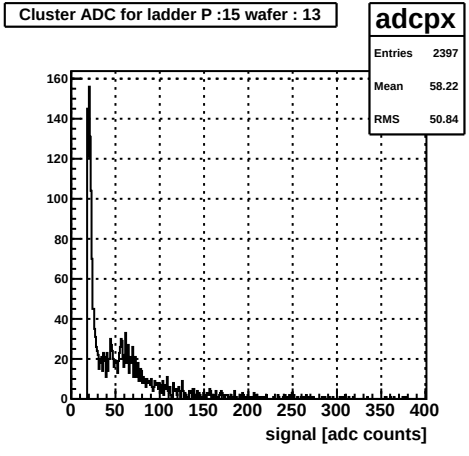

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1379
Mean 65.28
RMS 54.78
signal [adc counts]

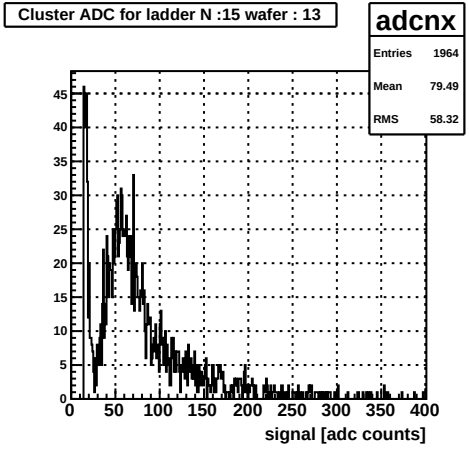

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1981
Mean 52.56
RMS 49.12
signal [adc counts]

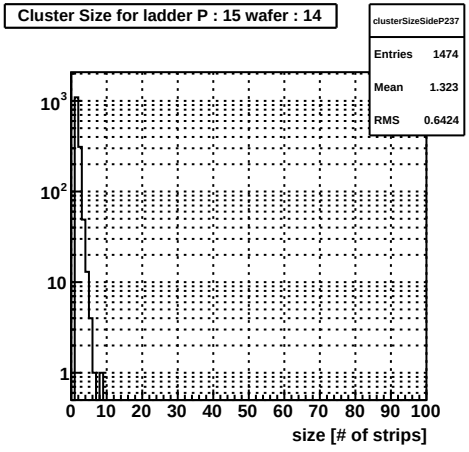

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2397
Mean 1.267
RMS 0.6015
size [# of strips]

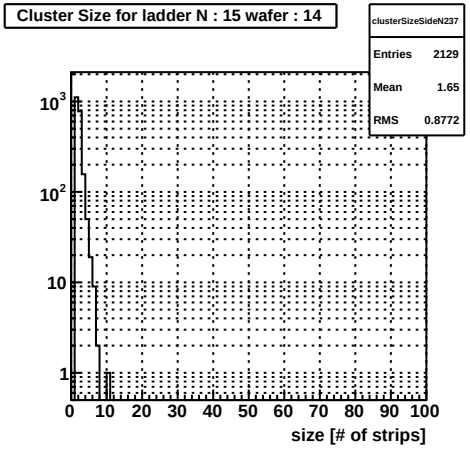

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1964
Mean 1.398
RMS 0.7152
size [# of strips]

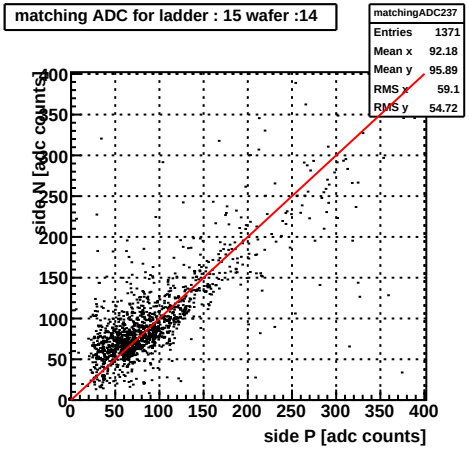

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1408
Mean x 85.07
Mean y 86.81
RMS x 57.68
RMS y 55.4
side N [adc counts]
side P [adc counts]

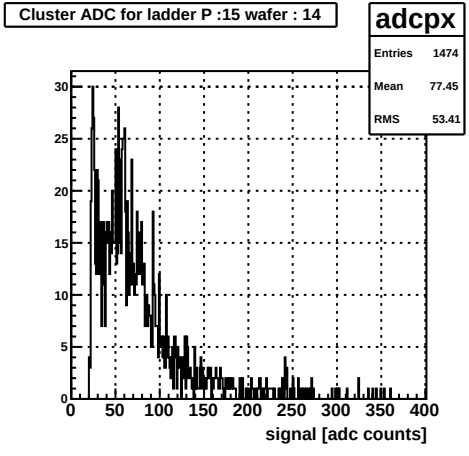

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2397
Mean 58.22
RMS 50.84
signal [adc counts]

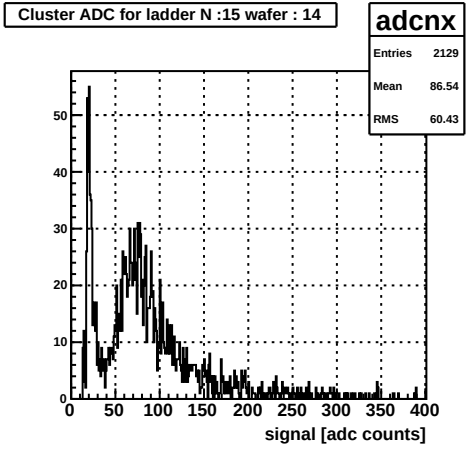

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1964
Mean 79.49
RMS 58.32
signal [adc counts]

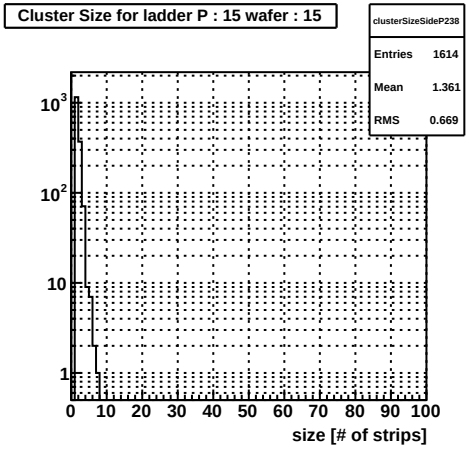

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1474
Mean 1.323
RMS 0.6424
size [# of strips]

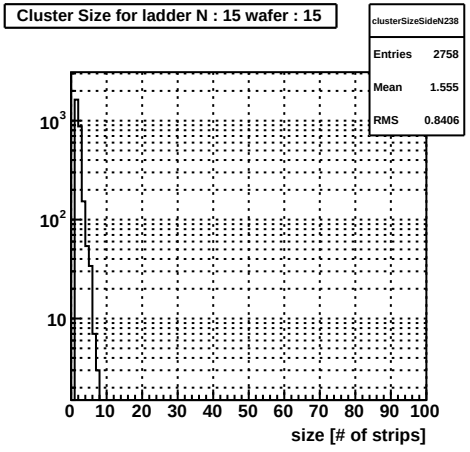

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2129
Mean 1.65
RMS 0.8772
size [# of strips]

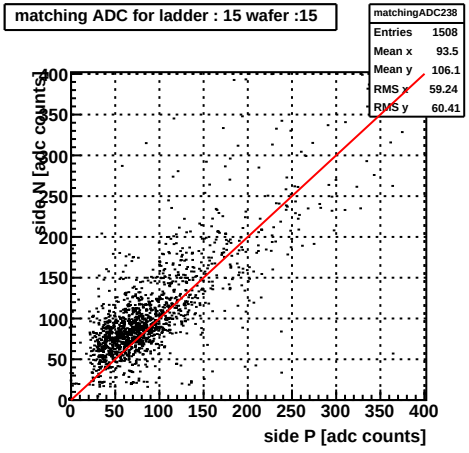

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1371
Mean x 92.18
Mean y 95.89
RMS x 59.1
RMS y 54.72
side N [adc counts]
side P [adc counts]

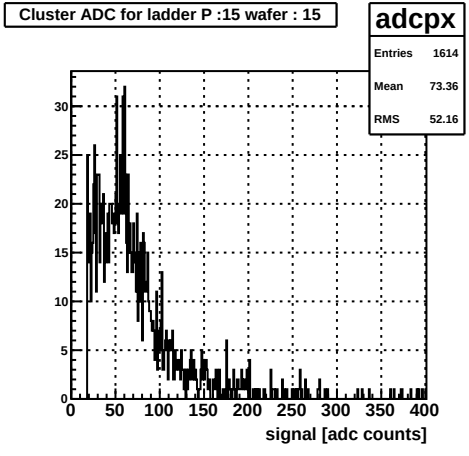

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1474
Mean 77.45
RMS 53.41
signal [adc counts]

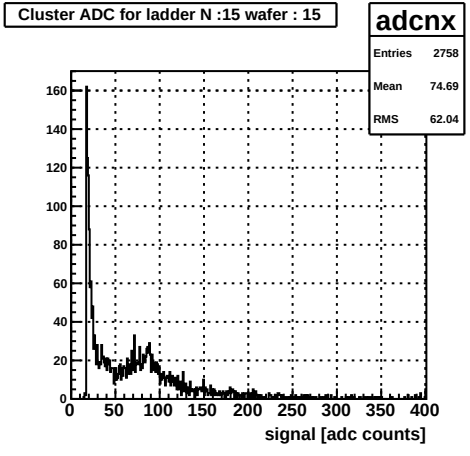

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2129
Mean 86.54
RMS 60.43
signal [adc counts]

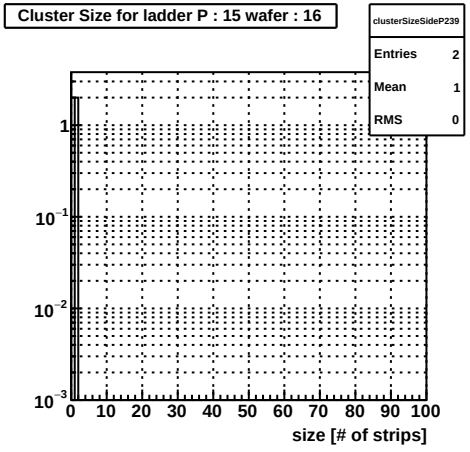

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1614
Mean 1.361
RMS 0.669
size [# of strips]

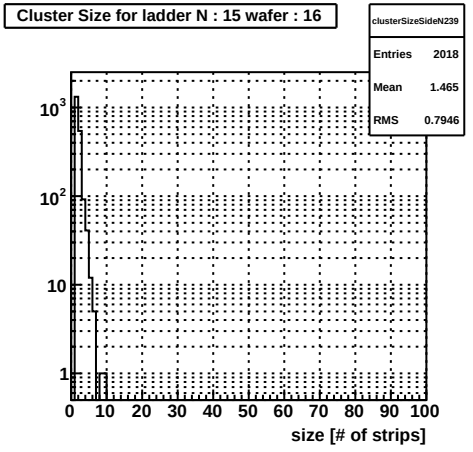

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2758
Mean 1.555
RMS 0.8406
size [# of strips]

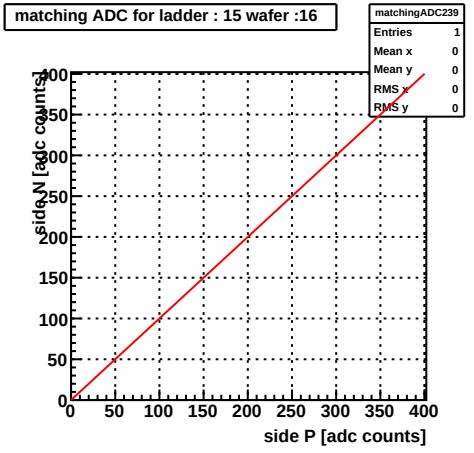

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1508
Mean x 93.5
Mean y 106.1
RMS x 59.24
RMS y 60.41
side N [adc counts]
side P [adc counts]

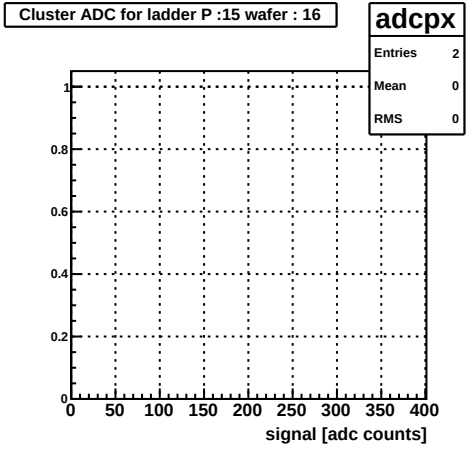

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1614
Mean 73.36
RMS 52.16
signal [adc counts]

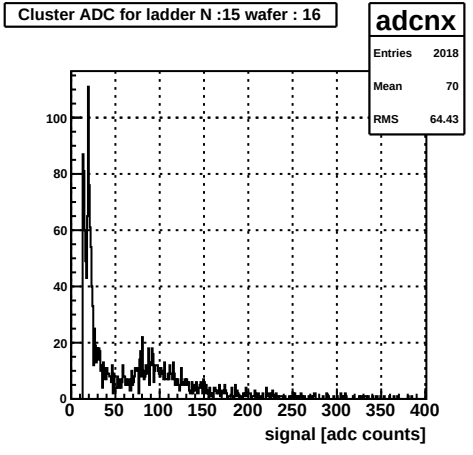

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2758
Mean 74.69
RMS 62.04
signal [adc counts]

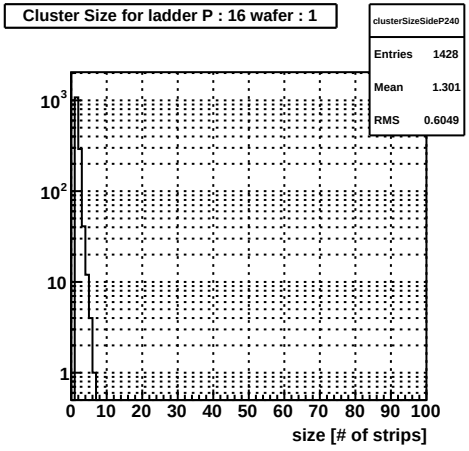

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

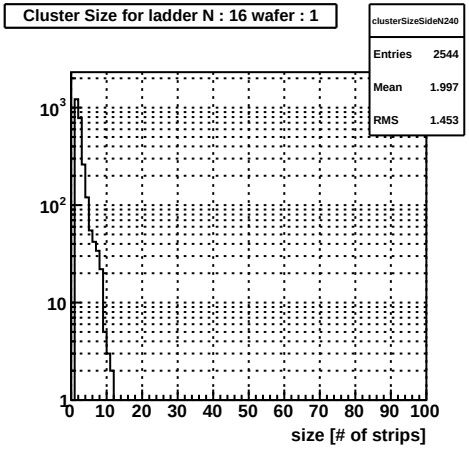

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2018
Mean 1.465
RMS 0.7946
size [# of strips]

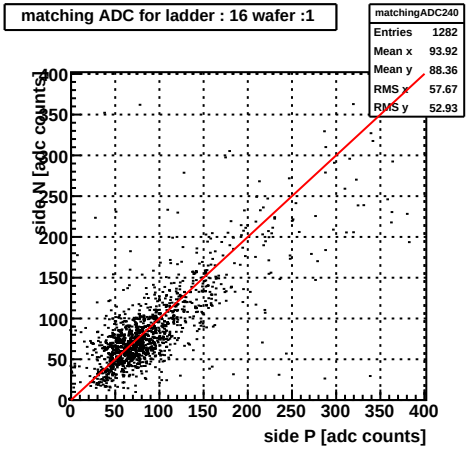

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

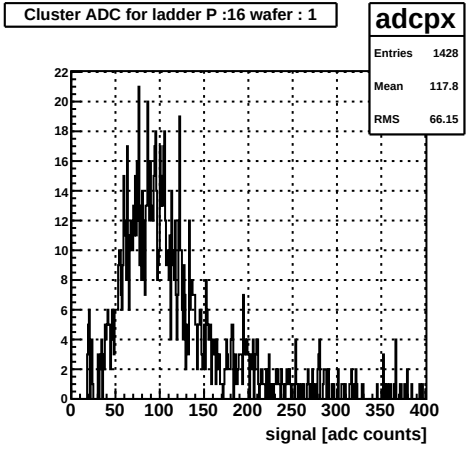

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

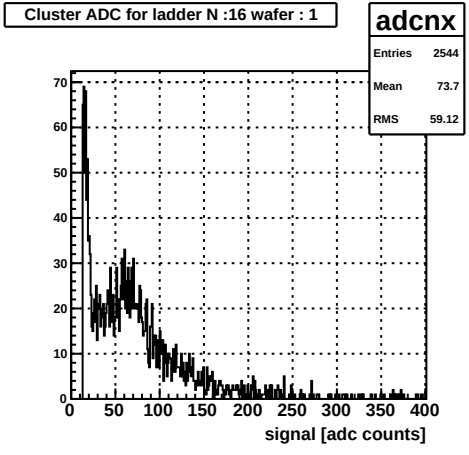

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2018
Mean 70
RMS 64.43
signal [adc counts]

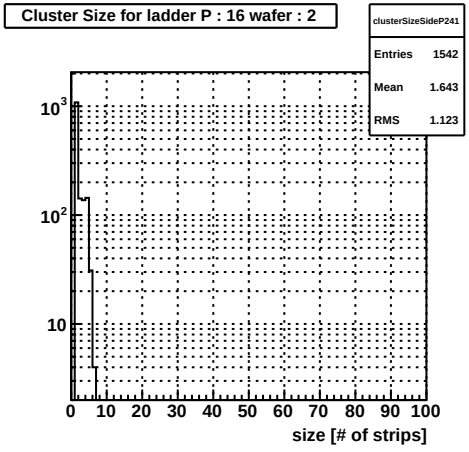

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1428
Mean 1.301
RMS 0.6049
size [# of strips]

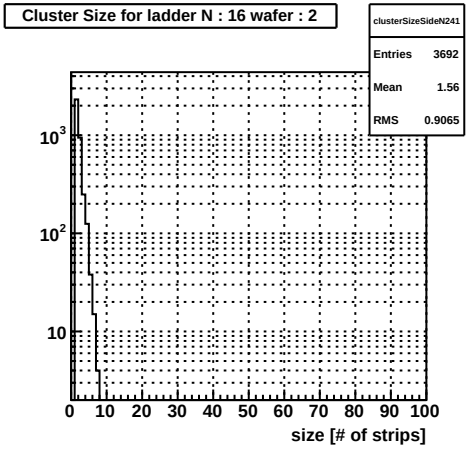

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2544
Mean 1.997
RMS 1.453
size [# of strips]

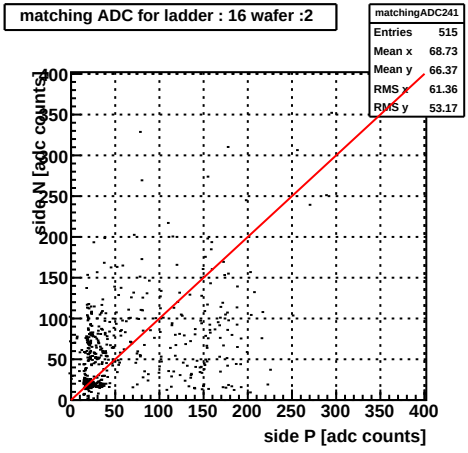

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1282
Mean x 93.92
Mean y 88.36
RMS x 57.67
RMS y 52.93
side N [adc counts]
side P [adc counts]

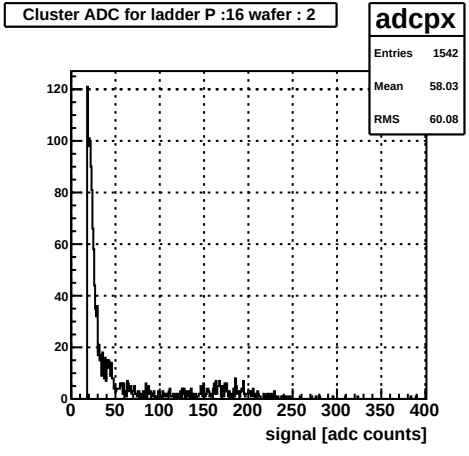

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1428
Mean 117.8
RMS 66.15
signal [adc counts]

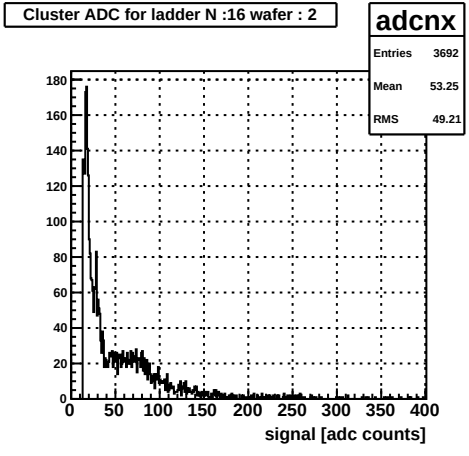

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2544
Mean 73.7
RMS 59.12
signal [adc counts]

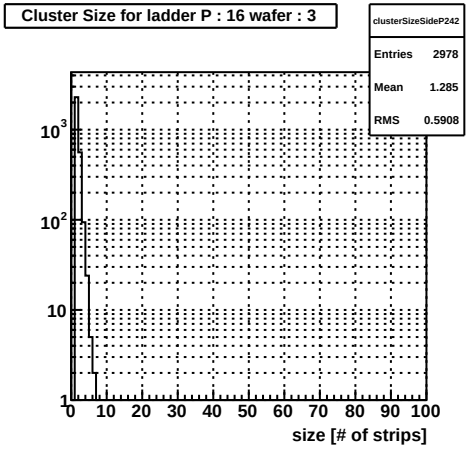

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 1542
Mean 1.643
RMS 1.123
size [# of strips]

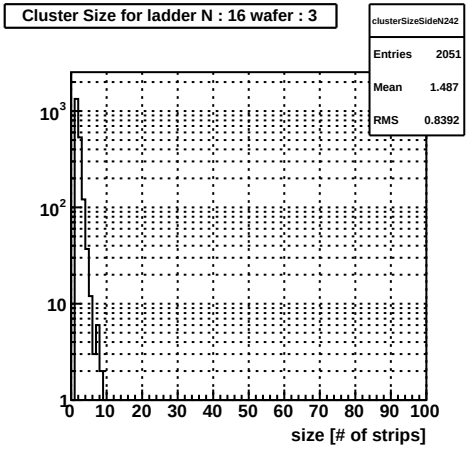

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 3692
Mean 1.56
RMS 0.9065
size [# of strips]

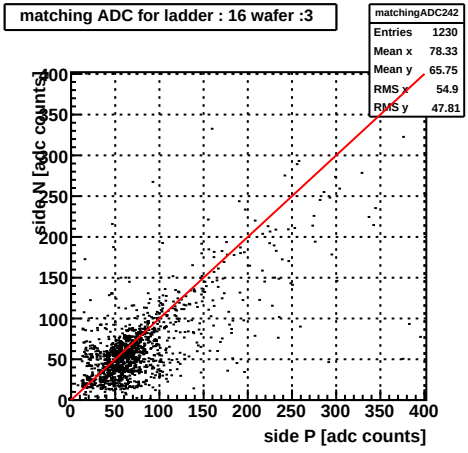

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 515
Mean x 68.73
Mean y 66.37
RMS x 61.36
RMS y 53.17
side N [adc counts]
side P [adc counts]

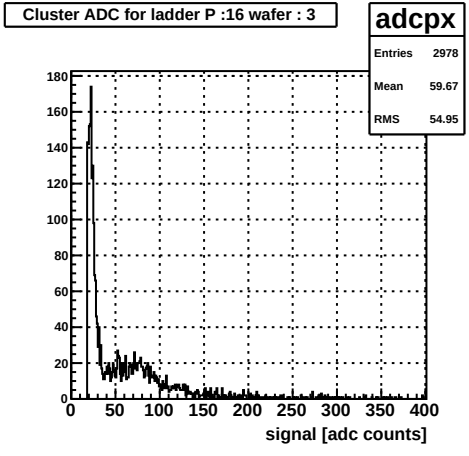

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 1542
Mean 58.03
RMS 60.08
signal [adc counts]

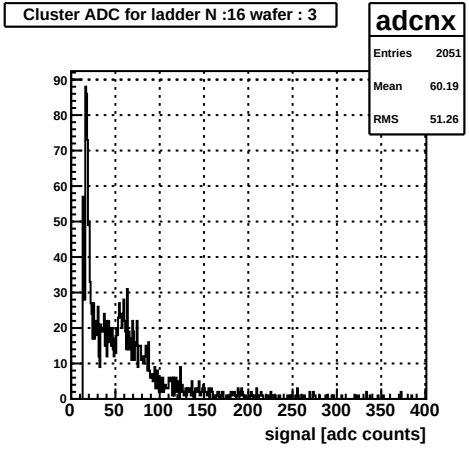

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 3692
Mean 53.25
RMS 49.21
signal [adc counts]

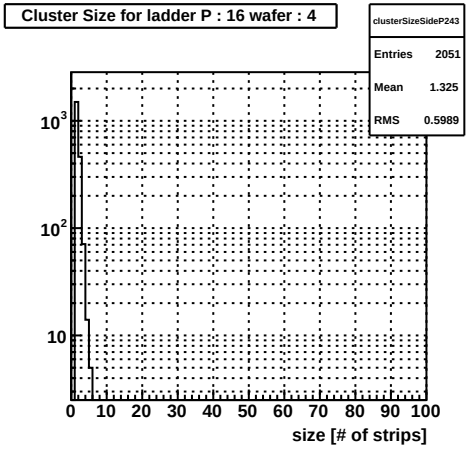

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2978
Mean 1.285
RMS 0.5908
size [# of strips]

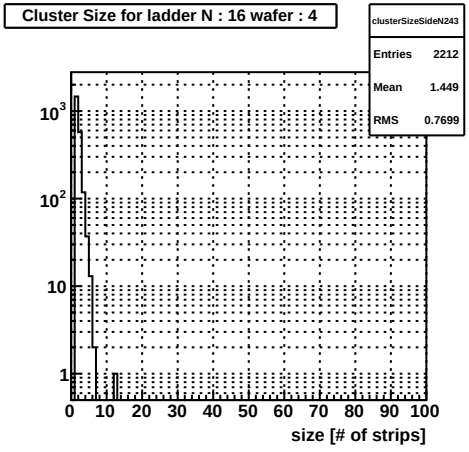

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 2051
Mean 1.487
RMS 0.8392
size [# of strips]

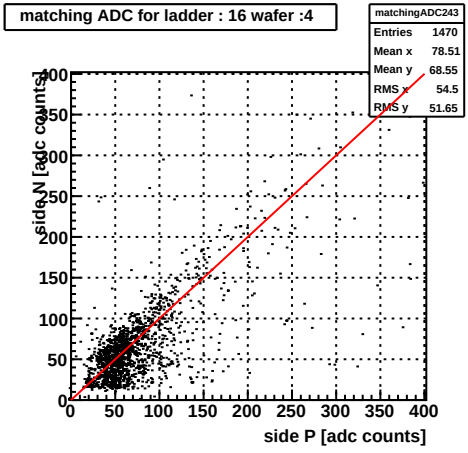

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1230
Mean x 78.33
Mean y 65.75
RMS x 54.9
RMS y 47.81
side N [adc counts]
side P [adc counts]

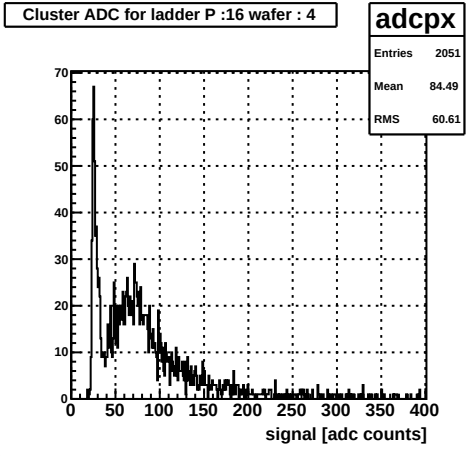

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2978
Mean 59.67
RMS 54.95
signal [adc counts]

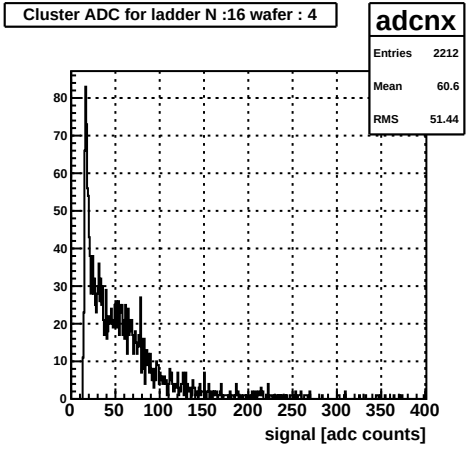

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 2051
Mean 60.19
RMS 51.26
signal [adc counts]

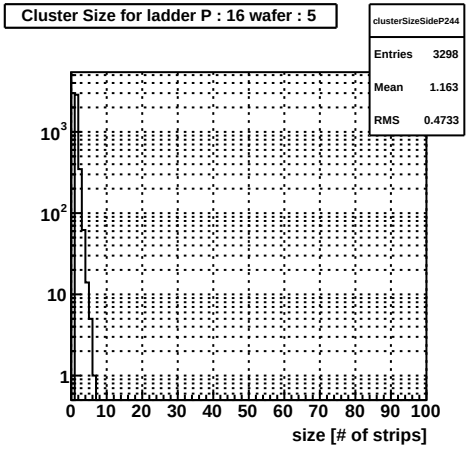

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2051
Mean 1.325
RMS 0.5989
size [# of strips]

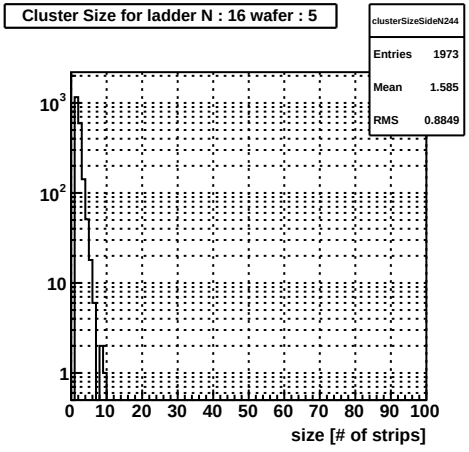

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2212
Mean 1.449
RMS 0.7699
size [# of strips]

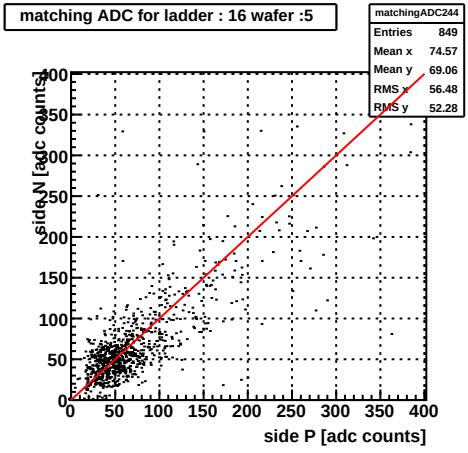

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1470
Mean x 78.51
Mean y 68.55
RMS x 54.5
RMS y 51.65
side N [adc counts]
side P [adc counts]

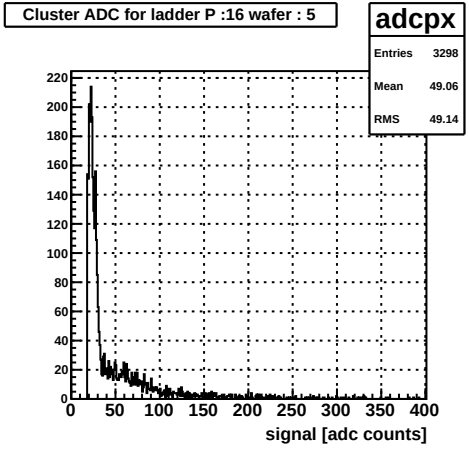

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2051
Mean 84.49
RMS 60.61
signal [adc counts]

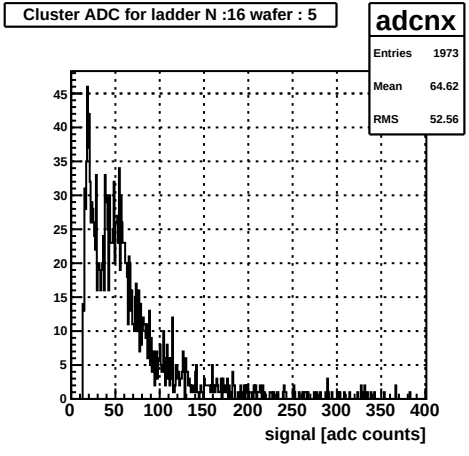

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2212
Mean 60.6
RMS 51.44
signal [adc counts]

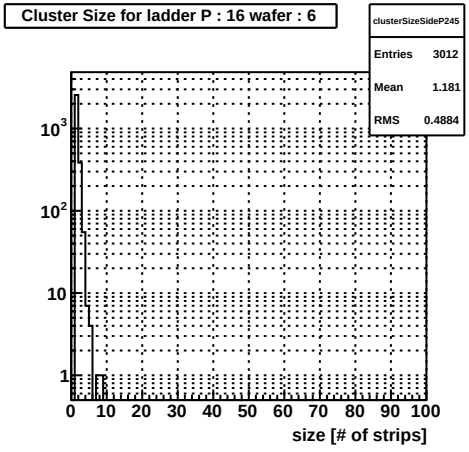

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 3298
Mean 1.163
RMS 0.4733
size [# of strips]

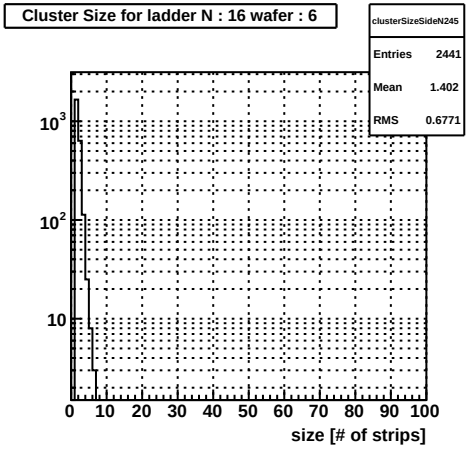

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1973
Mean 1.585
RMS 0.8849
size [# of strips]

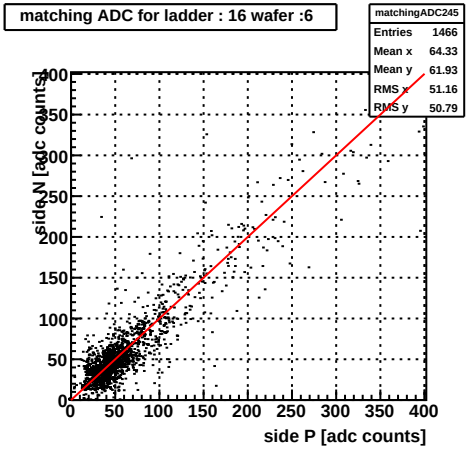

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 849
Mean x 74.57
Mean y 69.06
RMS x 56.48
RMS y 52.28
side N [adc counts]
side P [adc counts]

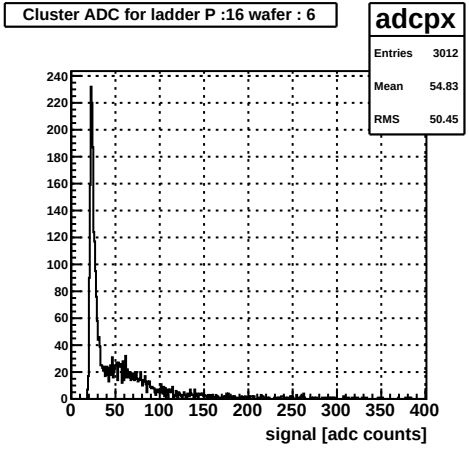

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 3298
Mean 49.06
RMS 49.14
signal [adc counts]

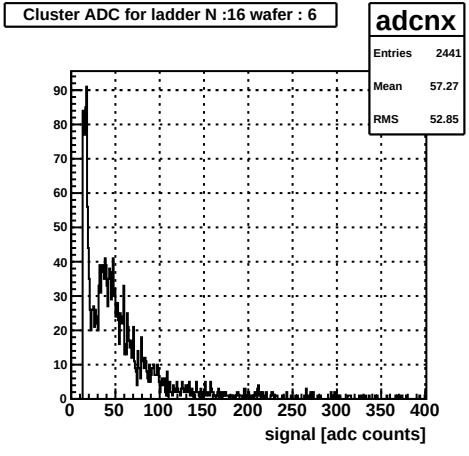

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1973
Mean 64.62
RMS 52.56
signal [adc counts]

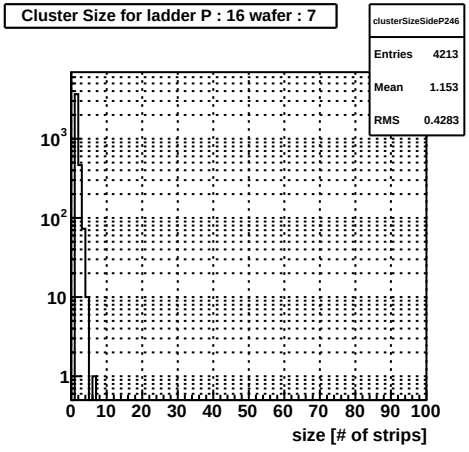

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 3012
Mean 1.181
RMS 0.4884
size [# of strips]

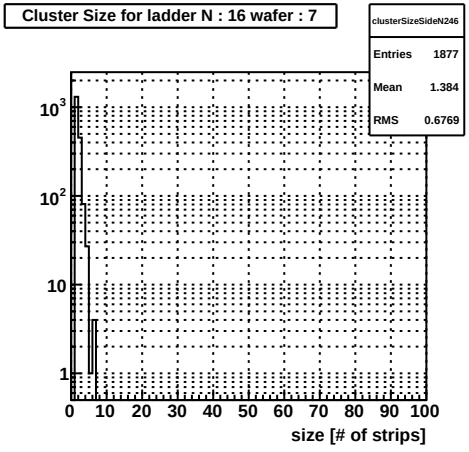

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2441
Mean 1.402
RMS 0.6771
size [# of strips]

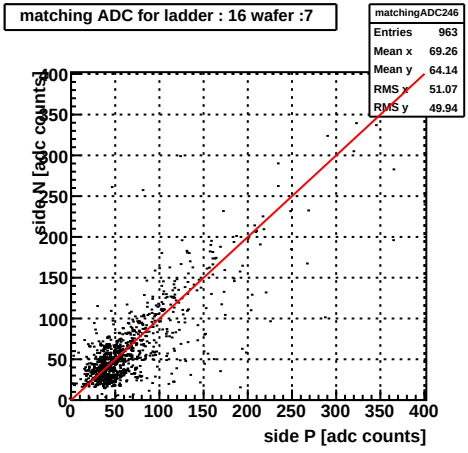

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1466
Mean x 64.33
Mean y 61.93
RMS x 51.16
RMS y 50.79
side N [adc counts]
side P [adc counts]

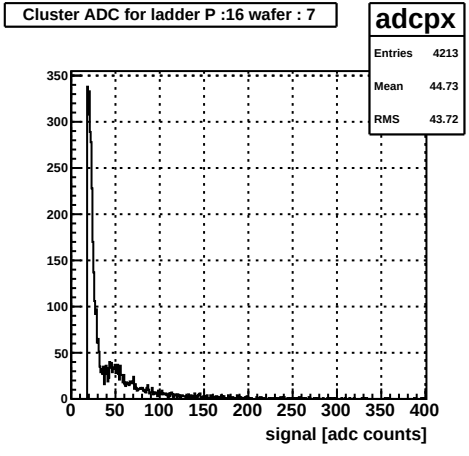

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 3012
Mean 54.83
RMS 50.45
signal [adc counts]

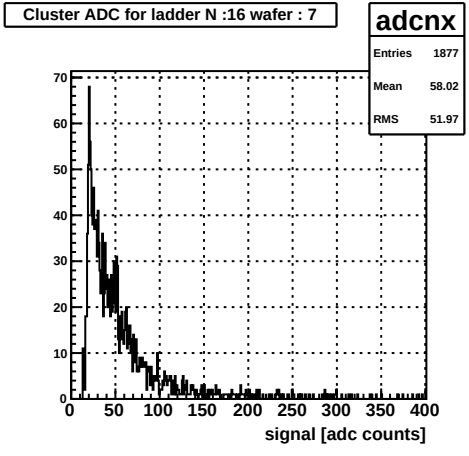

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2441
Mean 57.27
RMS 52.85
signal [adc counts]

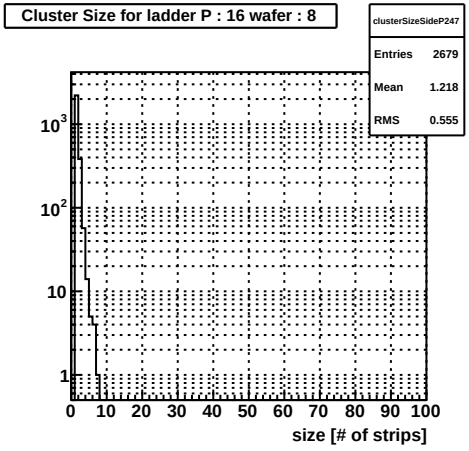

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 4213
Mean 1.153
RMS 0.4283
size [# of strips]

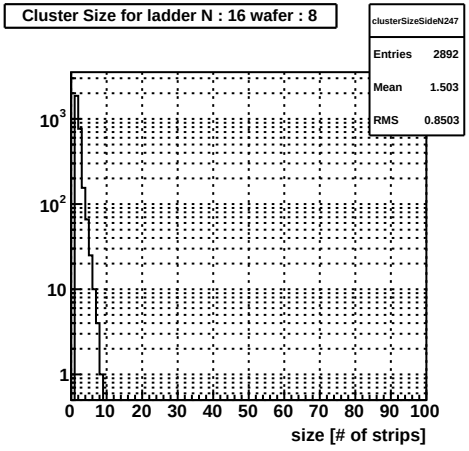

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1877
Mean 1.384
RMS 0.6769
size [# of strips]

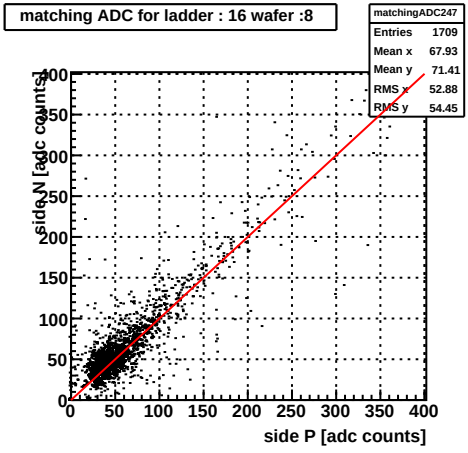

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 963
Mean x 69.26
Mean y 64.14
RMS x 51.07
RMS y 49.94
side N [adc counts]
side P [adc counts]

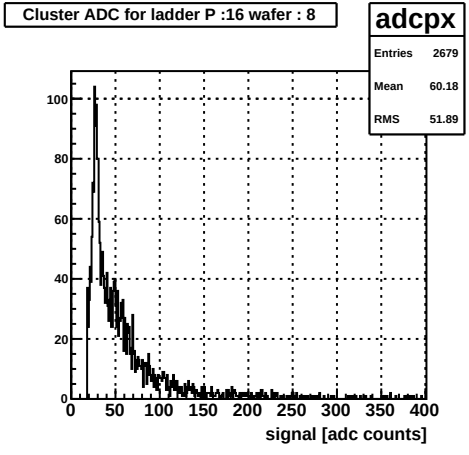

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 4213
Mean 44.73
RMS 43.72
signal [adc counts]

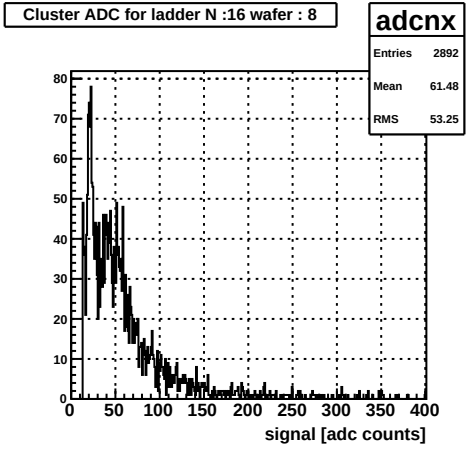

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1877
Mean 58.02
RMS 51.97
signal [adc counts]

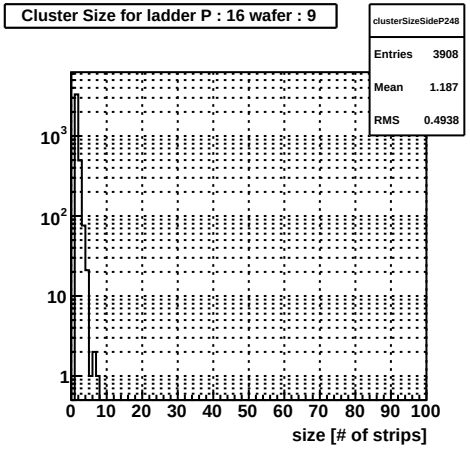

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 2679
Mean 1.218
RMS 0.555
size [# of strips]

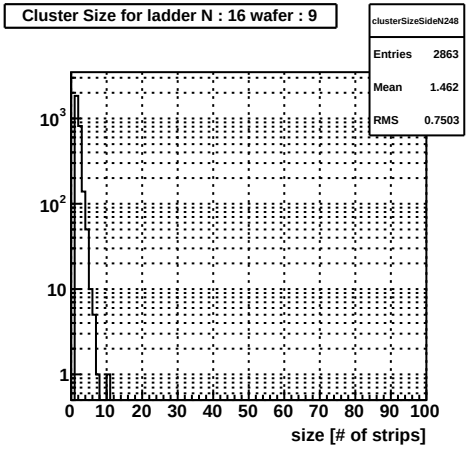

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2892
Mean 1.503
RMS 0.8503
size [# of strips]

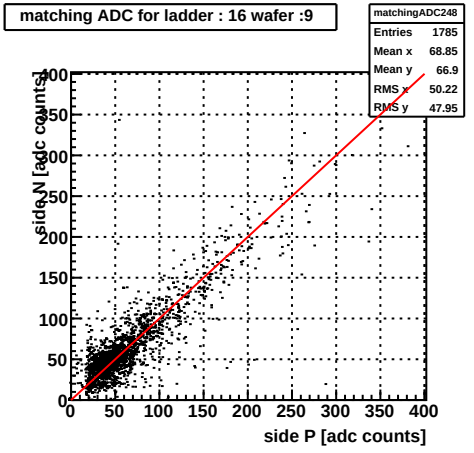

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1709
Mean x 67.93
Mean y 71.41
RMS x 52.88
RMS y 54.45
side N [adc counts]
side P [adc counts]

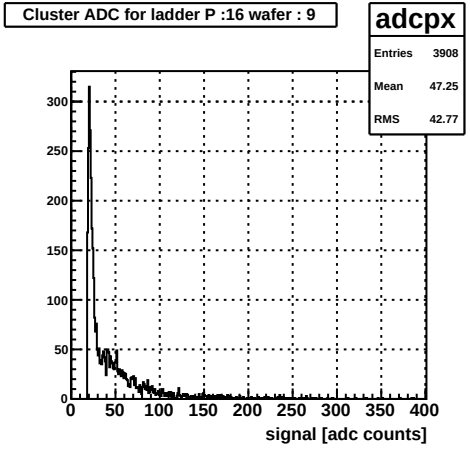

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 2679
Mean 60.18
RMS 51.89
signal [adc counts]

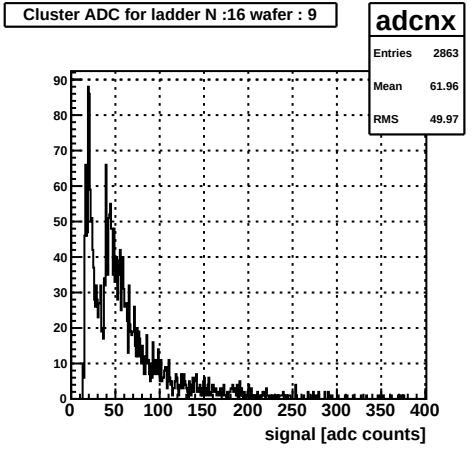

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2892
Mean 61.48
RMS 53.25
signal [adc counts]

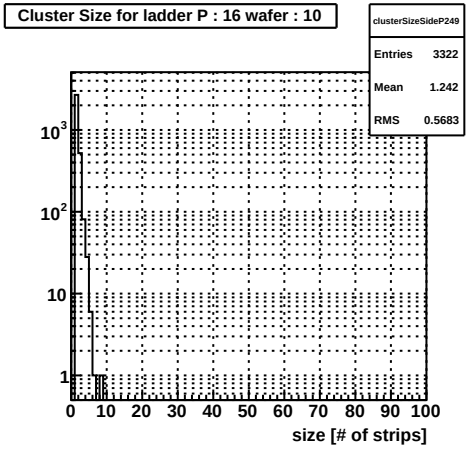

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 3908
Mean 1.187
RMS 0.4938
size [# of strips]

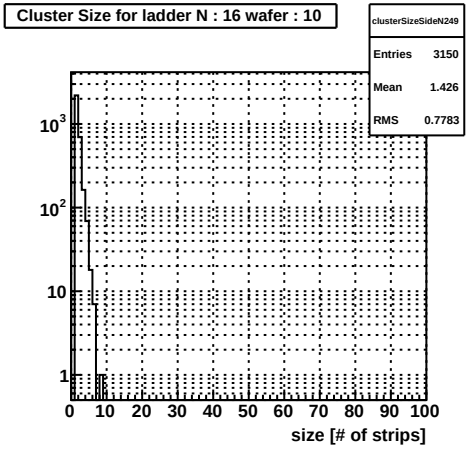

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2863
Mean 1.462
RMS 0.7503
size [# of strips]

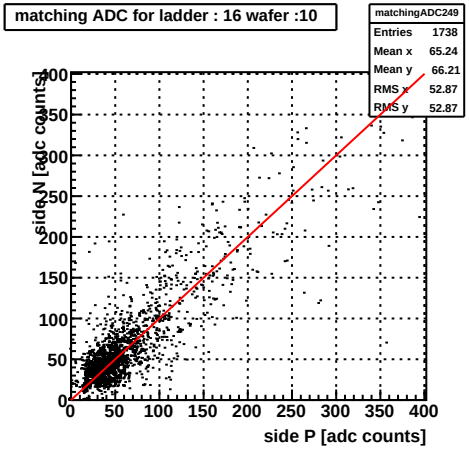

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1785
Mean x 68.85
Mean y 66.9
RMS x 50.22
RMS y 47.95
side N [adc counts]
side P [adc counts]

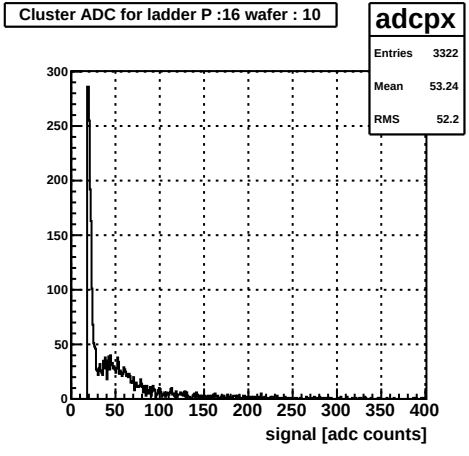

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 3908
Mean 47.25
RMS 42.77
signal [adc counts]

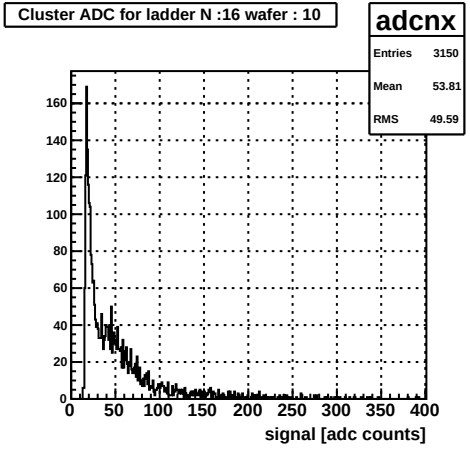

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2863
Mean 61.96
RMS 49.97
signal [adc counts]

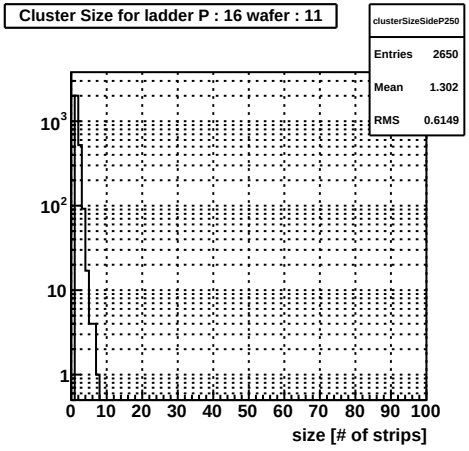

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3322
Mean 1.242
RMS 0.5683
size [# of strips]

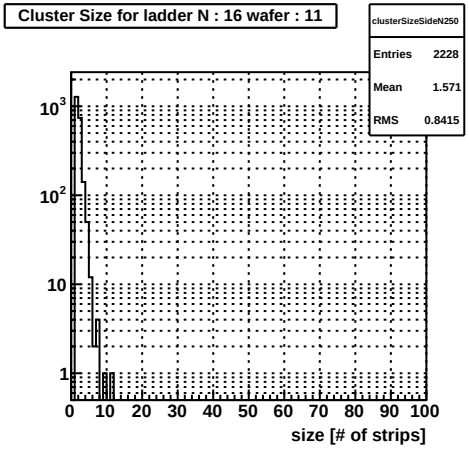

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3150
Mean 1.426
RMS 0.7783
size [# of strips]

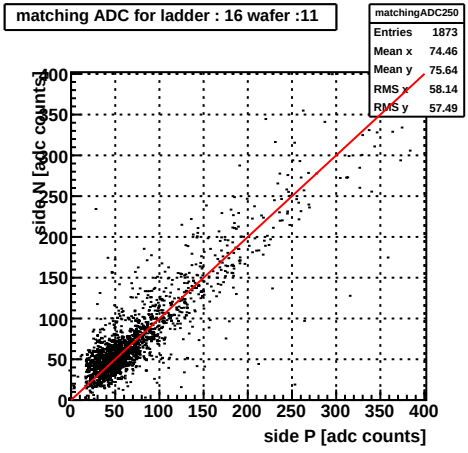

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1738
Mean x 65.24
Mean y 66.21
RMS x 52.87
RMS y 52.87
side N [adc counts]
side P [adc counts]

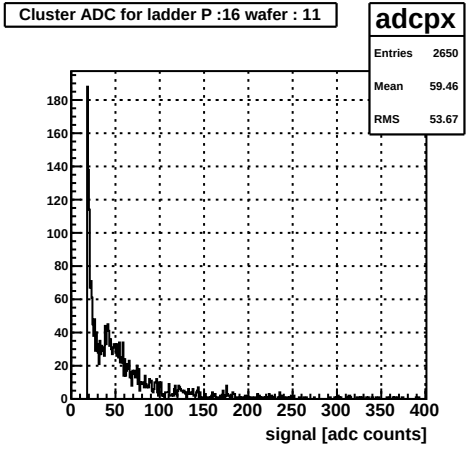

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3322
Mean 53.24
RMS 52.2
signal [adc counts]

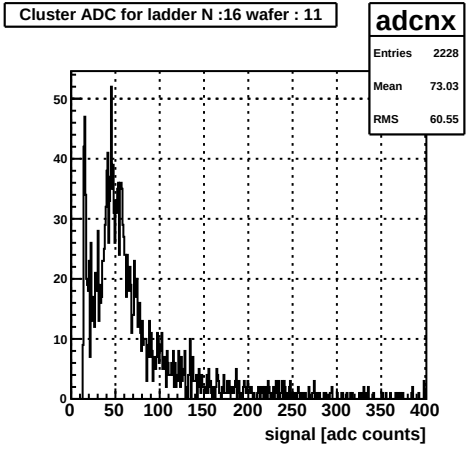

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3150
Mean 53.81
RMS 49.59
signal [adc counts]

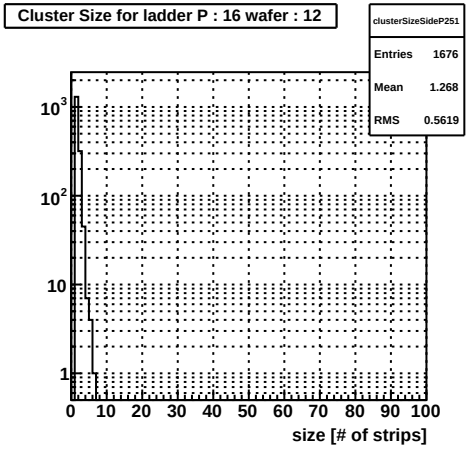

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2650
Mean 1.302
RMS 0.6149
size [# of strips]

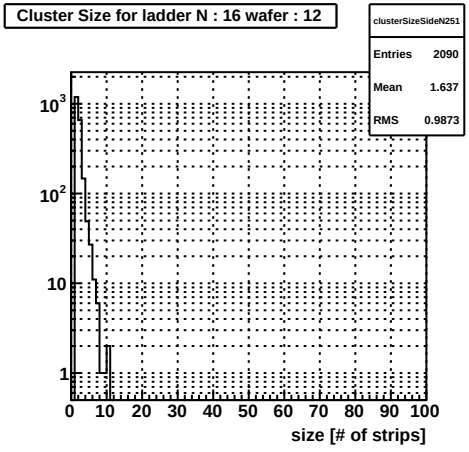

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2228
Mean 1.571
RMS 0.8415
size [# of strips]

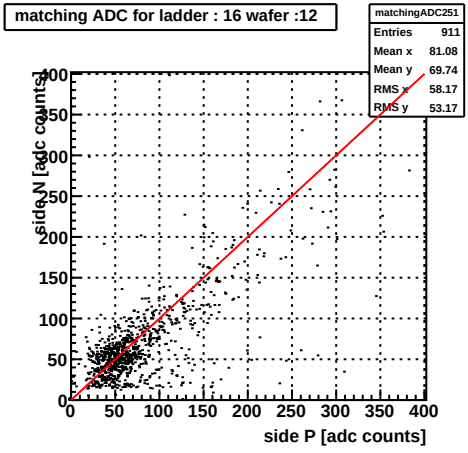

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1873
Mean x 74.46
Mean y 75.64
RMS x 58.14
RMS y 57.49
side N [adc counts]
side P [adc counts]

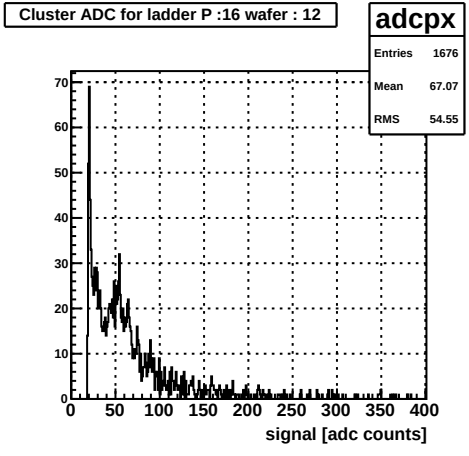

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2650
Mean 59.46
RMS 53.67
signal [adc counts]

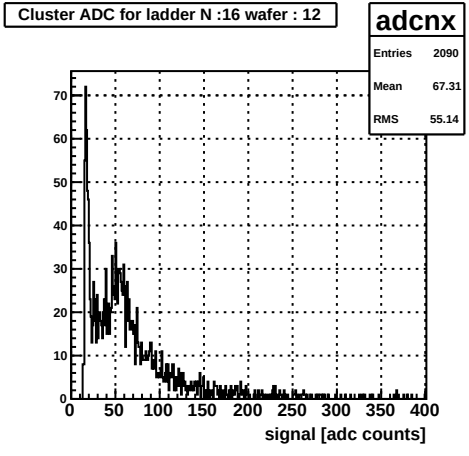

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2228
Mean 73.03
RMS 60.55
signal [adc counts]

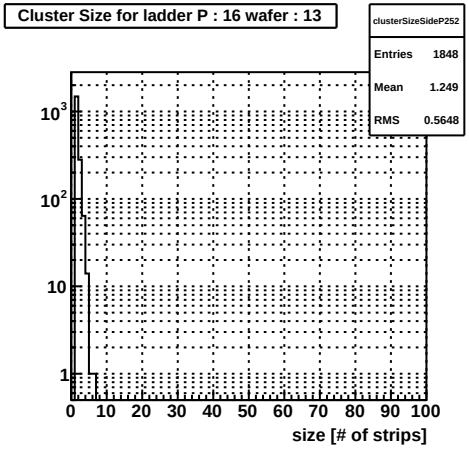

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1676
Mean 1.268
RMS 0.5619
size [# of strips]

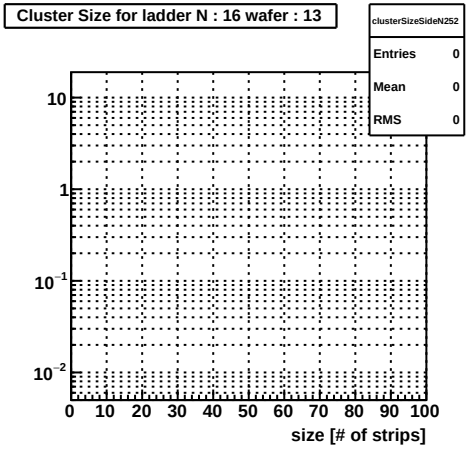

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2090
Mean 1.637
RMS 0.9873
size [# of strips]

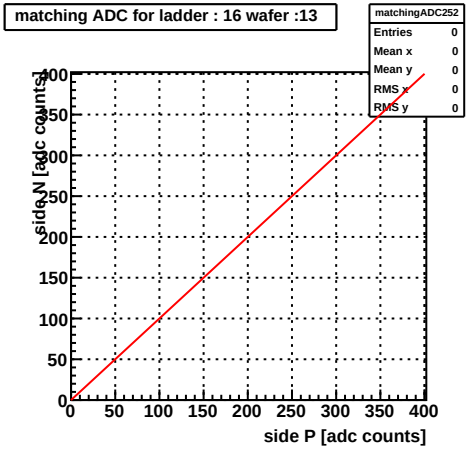

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 911
Mean x 81.08
Mean y 69.74
RMS x 58.17
RMS y 53.17
side N [adc counts]
side P [adc counts]

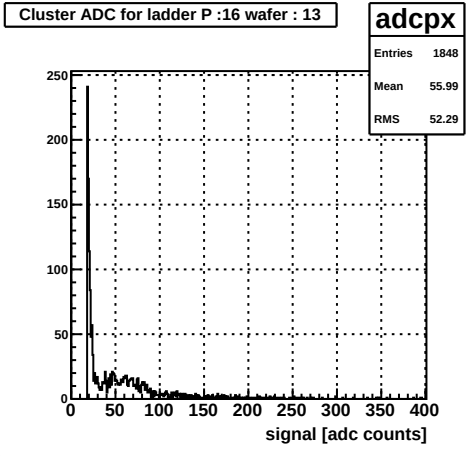

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1676
Mean 67.07
RMS 54.55
signal [adc counts]

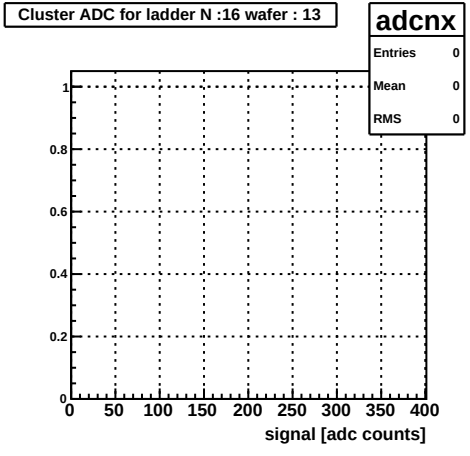

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2090
Mean 67.31
RMS 55.14
signal [adc counts]

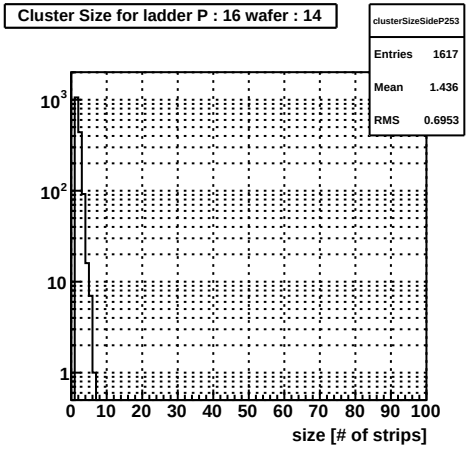

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1848
Mean 1.249
RMS 0.5648
size [# of strips]

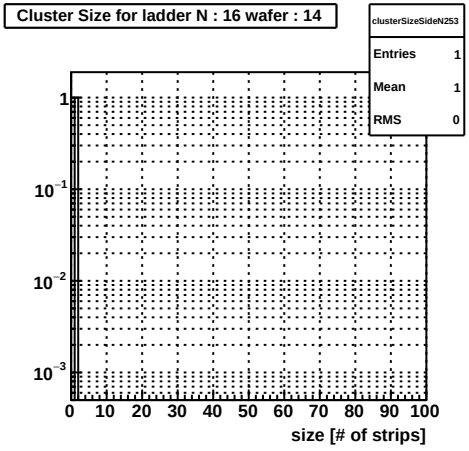

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

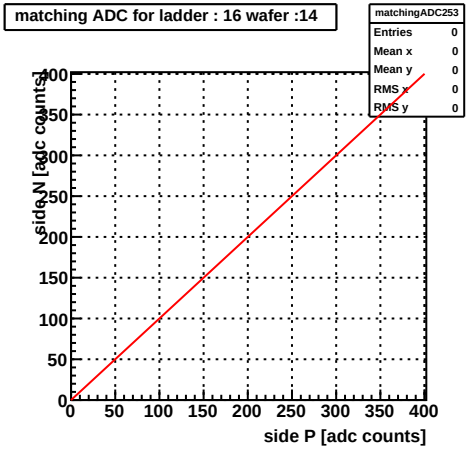

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

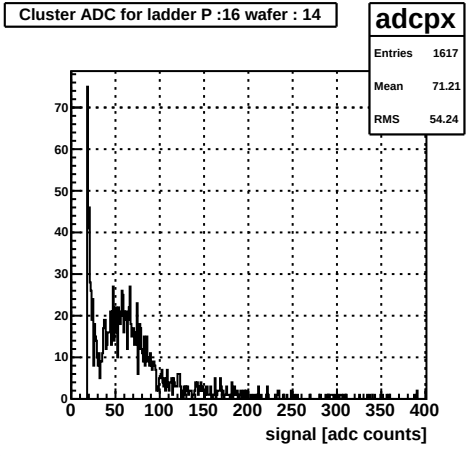

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1848
Mean 55.99
RMS 52.29
signal [adc counts]

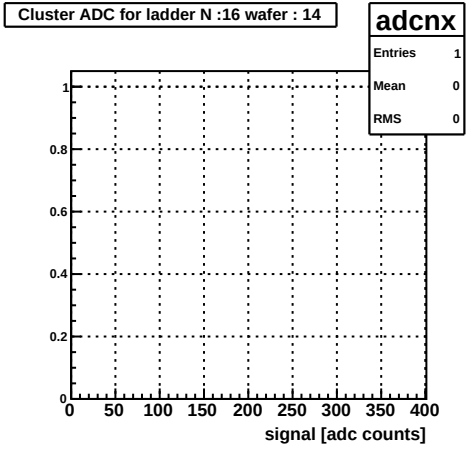

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

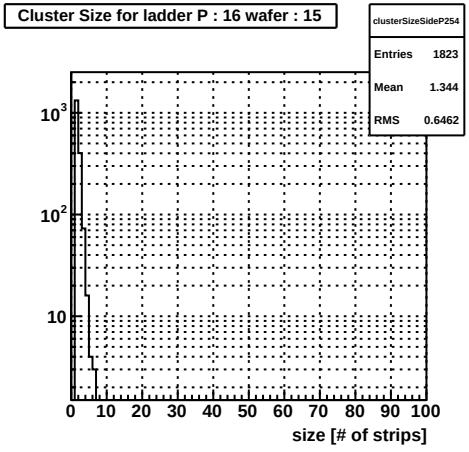

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1617
Mean 1.436
RMS 0.6953
size [# of strips]

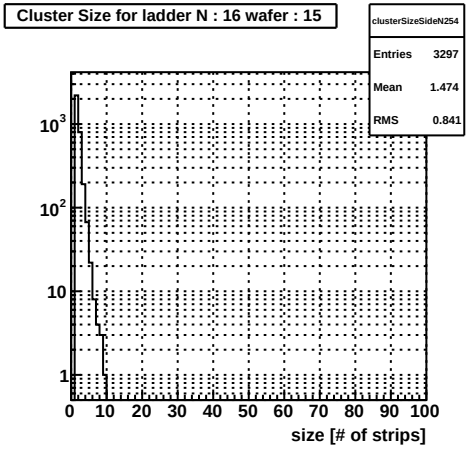

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

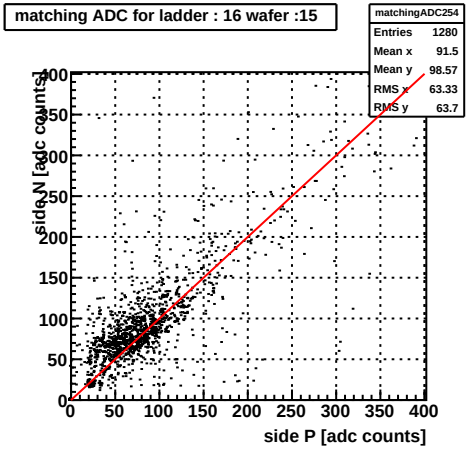

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

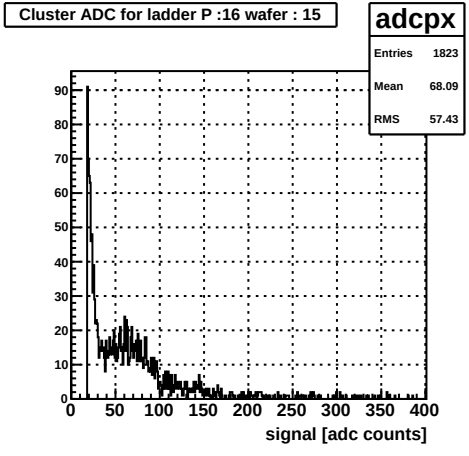

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1617
Mean 71.21
RMS 54.24
signal [adc counts]

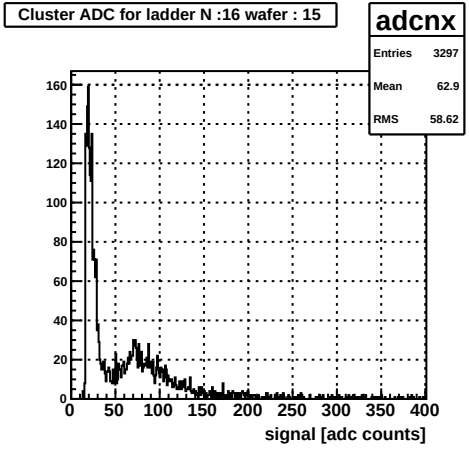

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

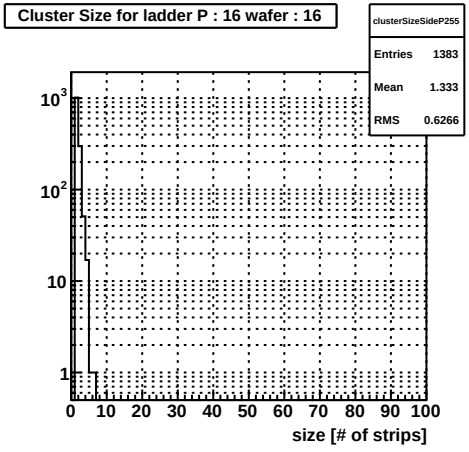

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1823
Mean 1.344
RMS 0.6462
size [# of strips]

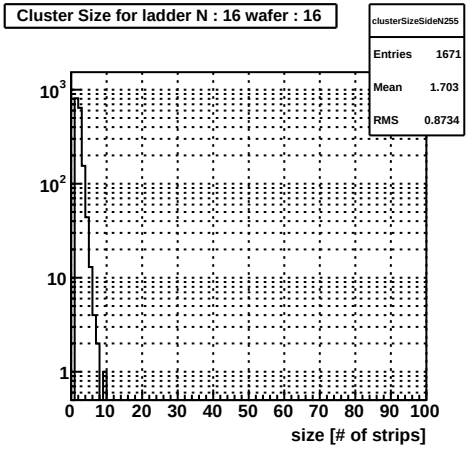

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3297
Mean 1.474
RMS 0.841
size [# of strips]

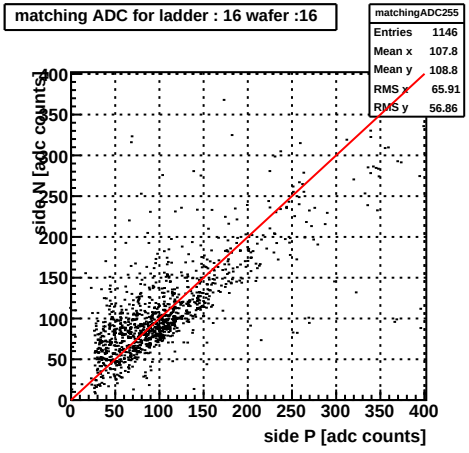

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1280
Mean x 91.5
Mean y 98.57
RMS x 63.33
RMS y 63.7
side N [adc counts]
side P [adc counts]

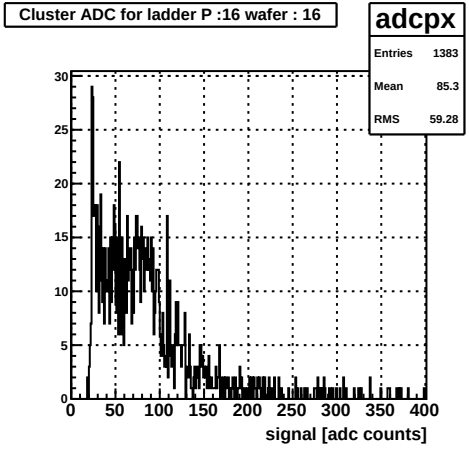

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1823
Mean 68.09
RMS 57.43
signal [adc counts]

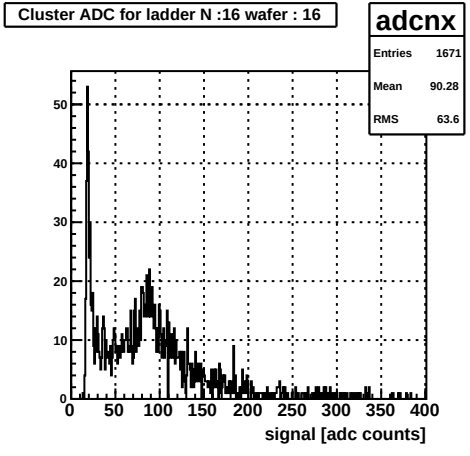

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3297
Mean 62.9
RMS 58.62
signal [adc counts]

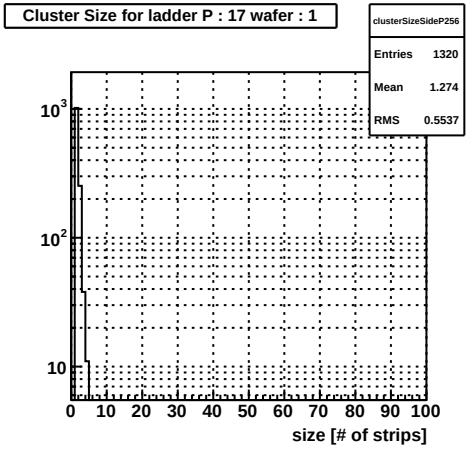

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1383
Mean 1.333
RMS 0.6266
size [# of strips]

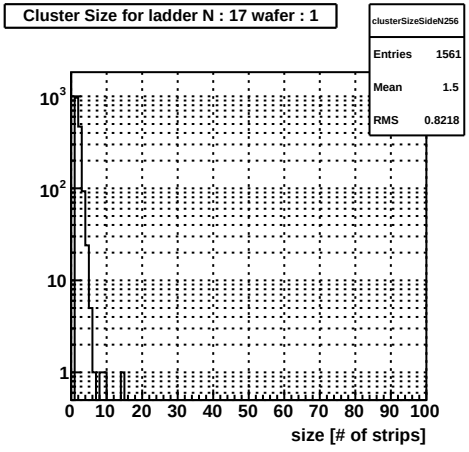

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1671
Mean 1.703
RMS 0.8734
size [# of strips]

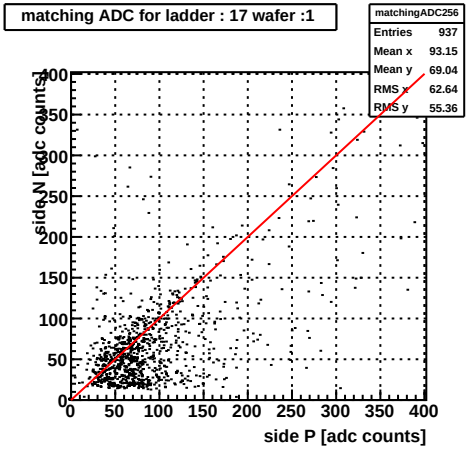

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1146
Mean x 107.8
Mean y 108.8
RMS x 65.91
RMS y 56.86
side N [adc counts]
side P [adc counts]

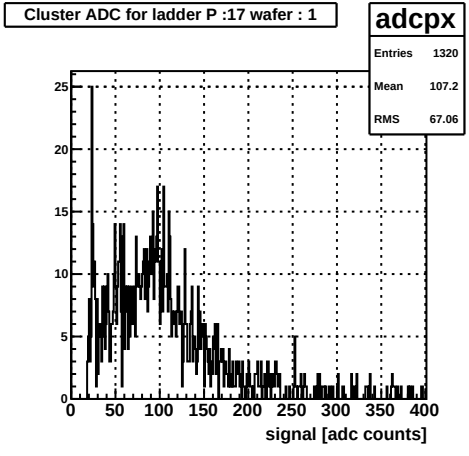

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1383
Mean 85.3
RMS 59.28
signal [adc counts]

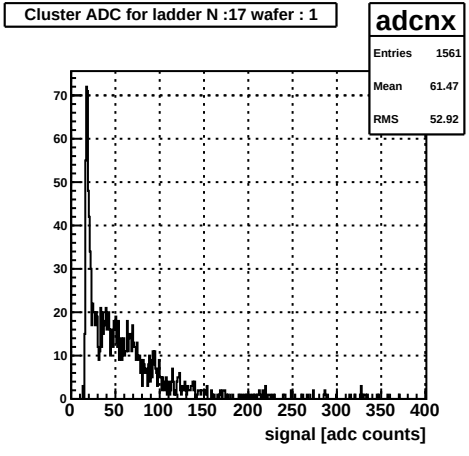

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1671
Mean 90.28
RMS 63.6
signal [adc counts]

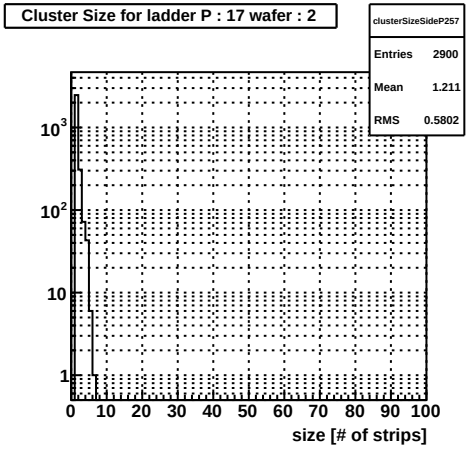

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1320
Mean 1.274
RMS 0.5537
size [# of strips]

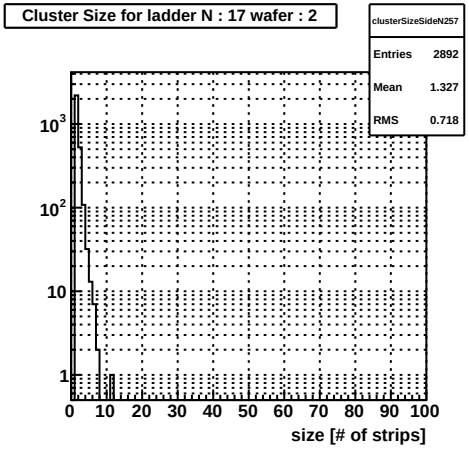

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1561
Mean 1.5
RMS 0.8218
size [# of strips]

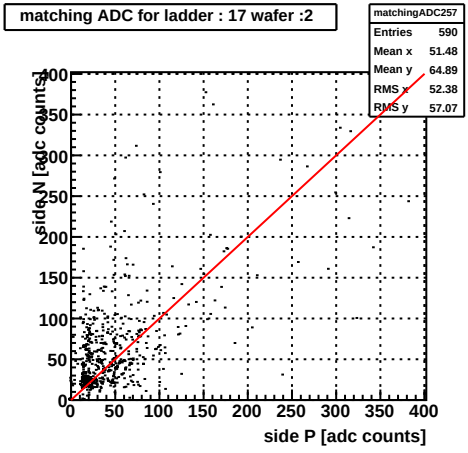

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 937
Mean x 93.15
Mean y 69.04
RMS x 62.64
RMS y 55.36
side N [adc counts]
side P [adc counts]

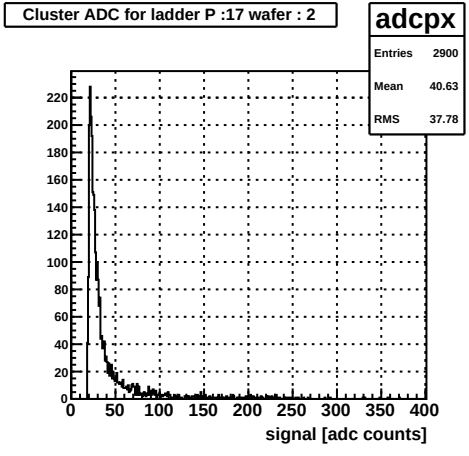

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1320
Mean 107.2
RMS 67.06
signal [adc counts]

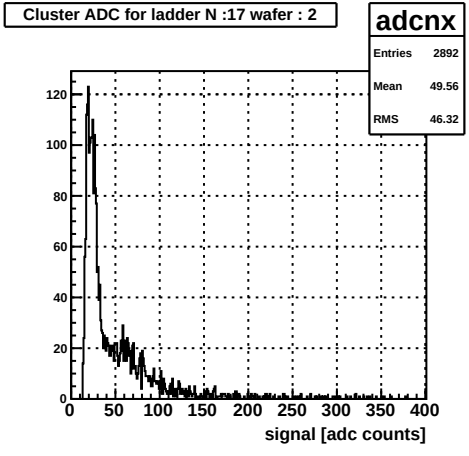

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1561
Mean 61.47
RMS 52.92
signal [adc counts]

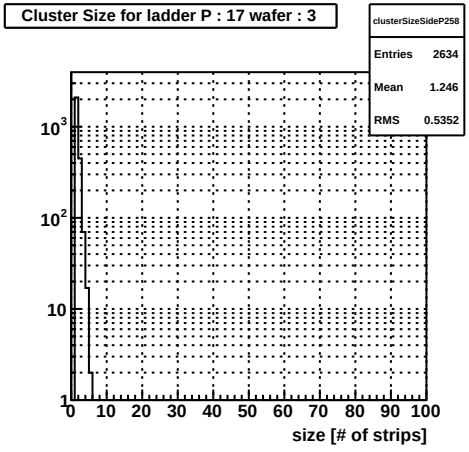

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 2900
Mean 1.211
RMS 0.5802
size [# of strips]

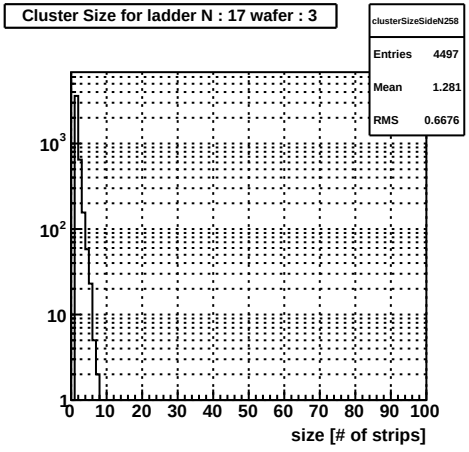

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2892
Mean 1.327
RMS 0.718
size [# of strips]

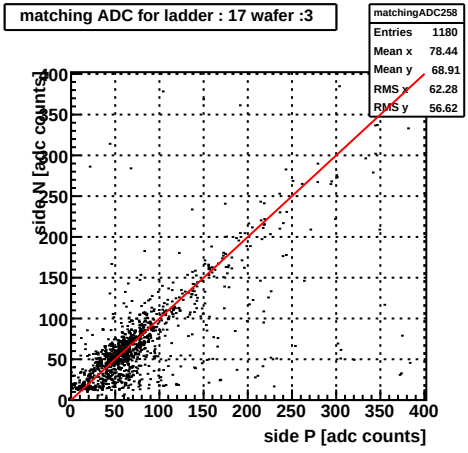

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 590
Mean x 51.48
Mean y 64.89
RMS x 52.38
RMS y 57.07
side N [adc counts]
side P [adc counts]

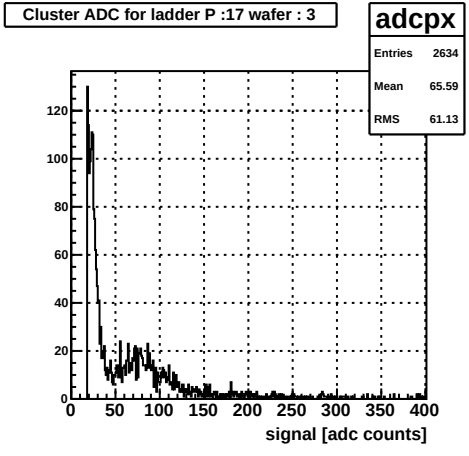

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 2900
Mean 40.63
RMS 37.78
signal [adc counts]

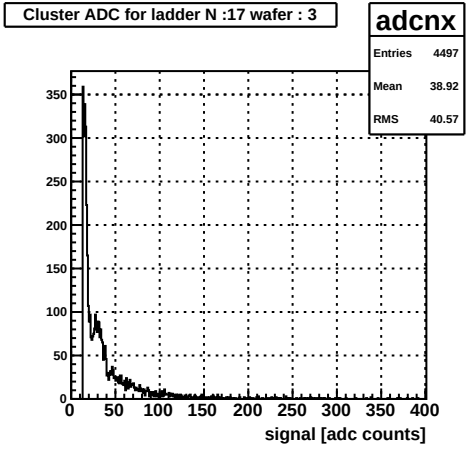

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2892
Mean 49.56
RMS 46.32
signal [adc counts]

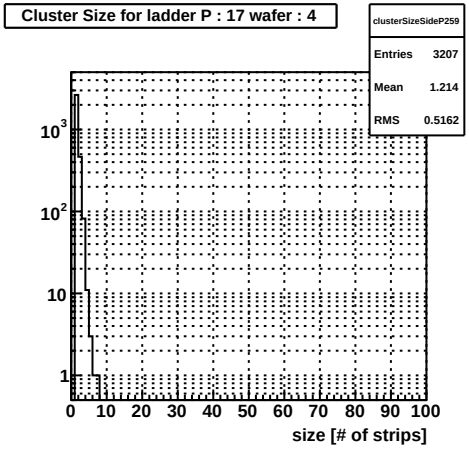

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 2634
Mean 1.246
RMS 0.5352
size [# of strips]

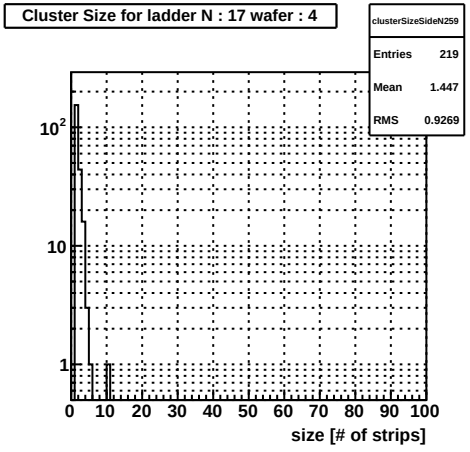

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 4497
Mean 1.281
RMS 0.6676
size [# of strips]

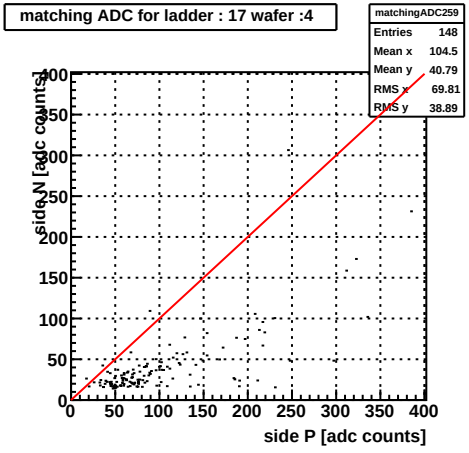

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1180
Mean x 78.44
Mean y 68.91
RMS x 62.28
RMS y 56.62
side N [adc counts]
side P [adc counts]

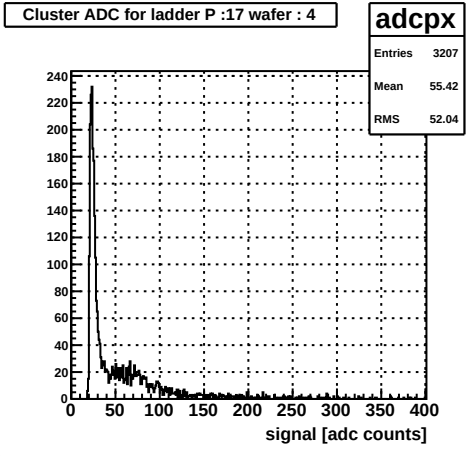

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 2634
Mean 65.59
RMS 61.13
signal [adc counts]

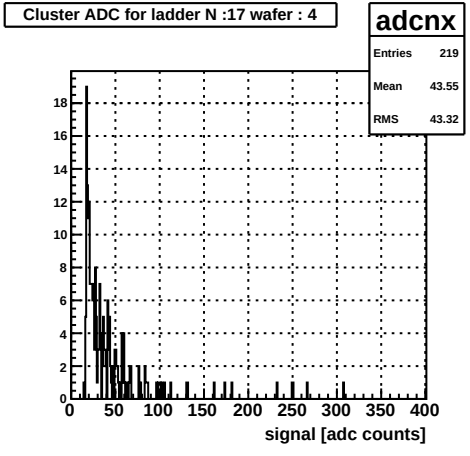

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 4497
Mean 38.92
RMS 40.57
signal [adc counts]

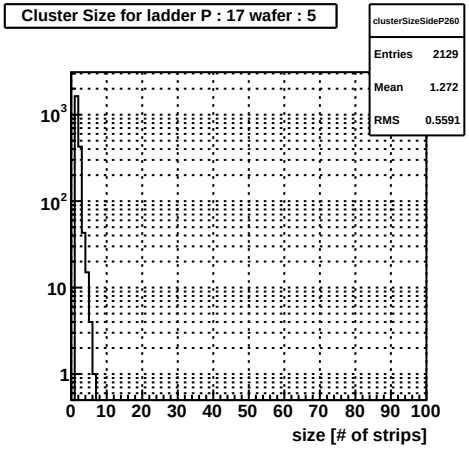

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 3207
Mean 1.214
RMS 0.5162
size [# of strips]

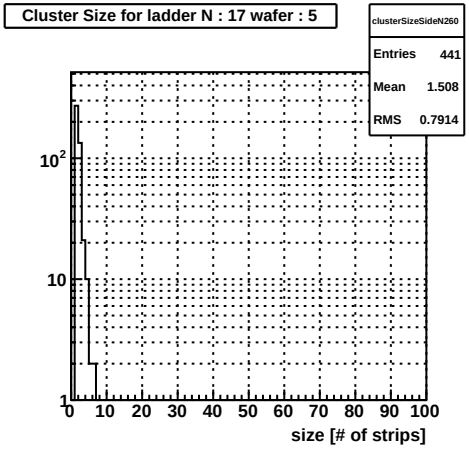

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 219
Mean 1.447
RMS 0.9269
size [# of strips]

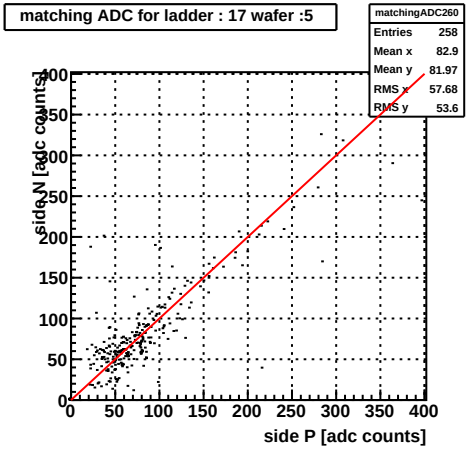

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 148
Mean x 104.5
Mean y 40.79
RMS x 69.81
RMS y 38.89
side N [adc counts]
side P [adc counts]

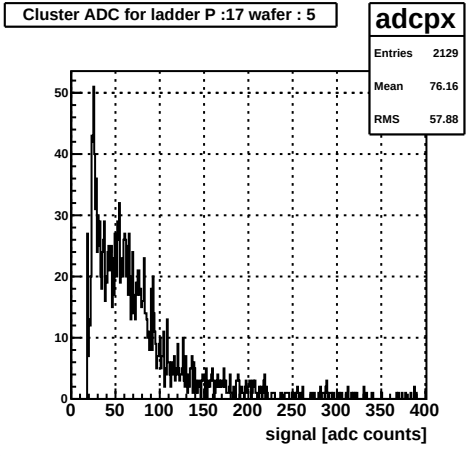

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 3207
Mean 55.42
RMS 52.04
signal [adc counts]

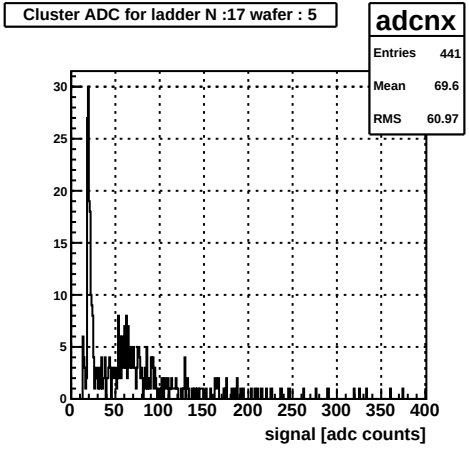

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 219
Mean 43.55
RMS 43.32
signal [adc counts]

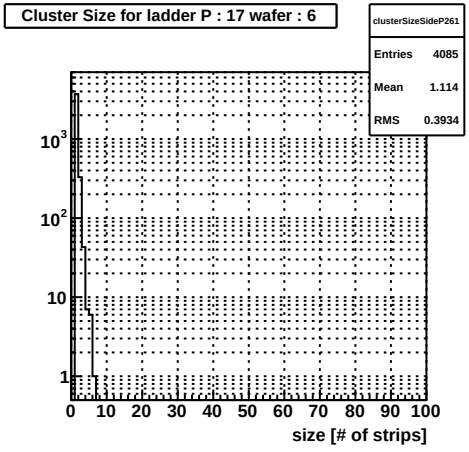

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2129
Mean 1.272
RMS 0.5591
size [# of strips]

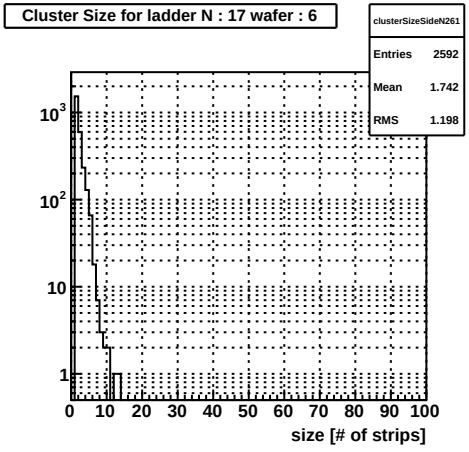

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 441
Mean 1.508
RMS 0.7914
size [# of strips]

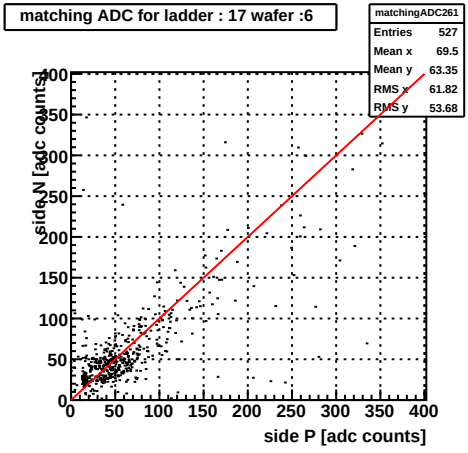

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 258
Mean x 82.9
Mean y 81.97
RMS x 57.68
RMS y 53.6
side N [adc counts]
side P [adc counts]

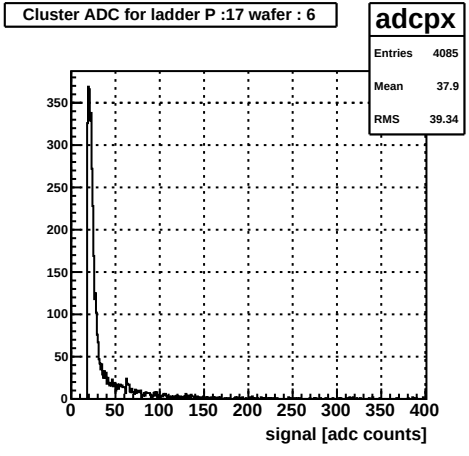

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2129
Mean 76.16
RMS 57.88
signal [adc counts]

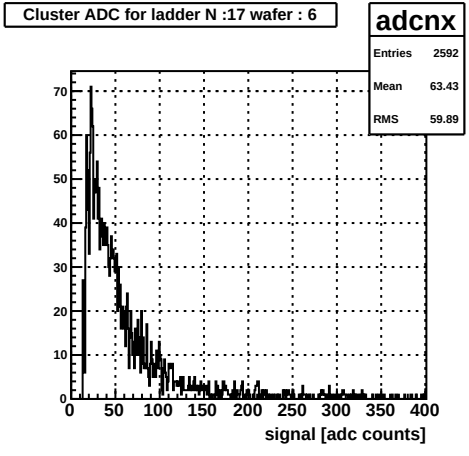

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 441
Mean 69.6
RMS 60.97
signal [adc counts]

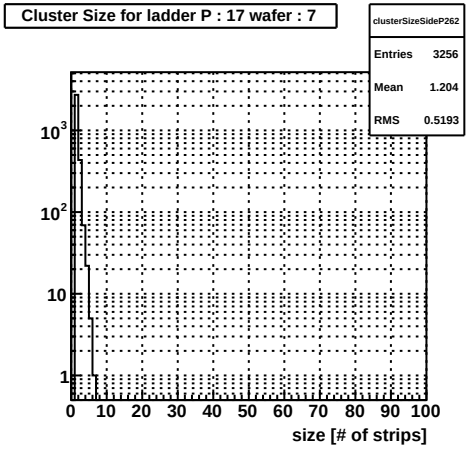

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 4085
Mean 1.114
RMS 0.3934
size [# of strips]

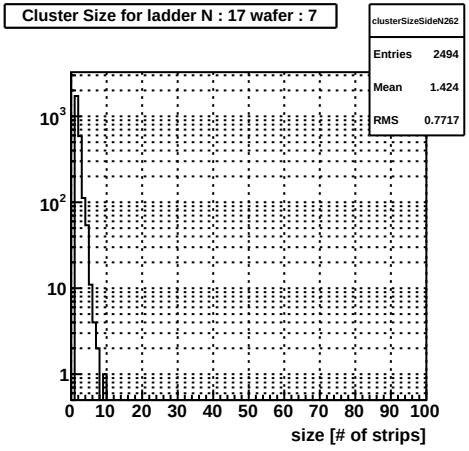

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2592
Mean 1.742
RMS 1.198
size [# of strips]

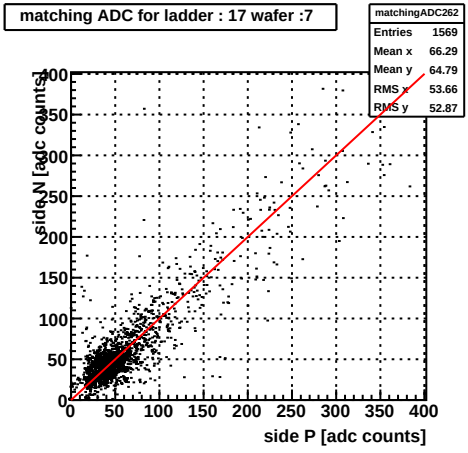

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 527
Mean x 69.5
Mean y 63.35
RMS x 61.82
RMS y 53.68
side N [adc counts]
side P [adc counts]

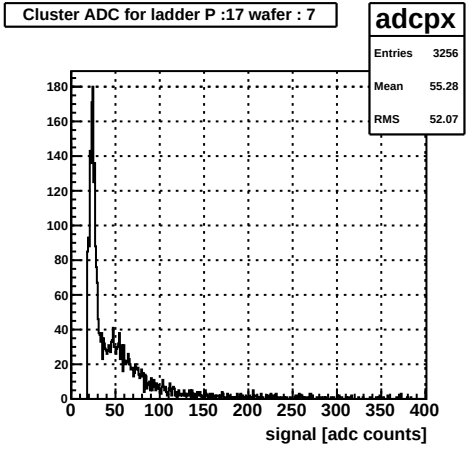

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 4085
Mean 37.9
RMS 39.34
signal [adc counts]

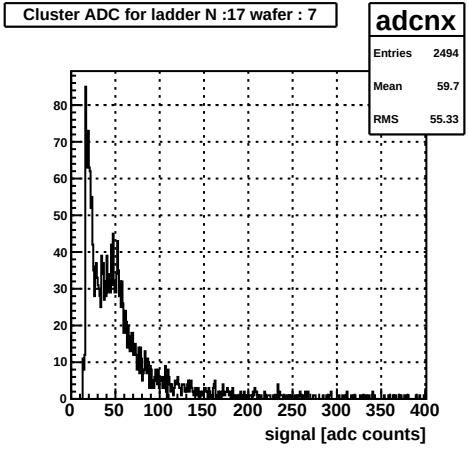

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2592
Mean 63.43
RMS 59.89
signal [adc counts]

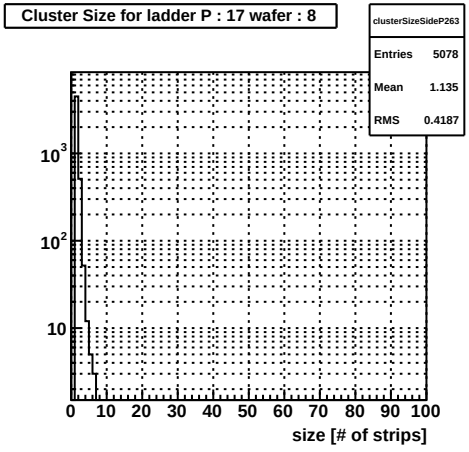

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 3256
Mean 1.204
RMS 0.5193
size [# of strips]

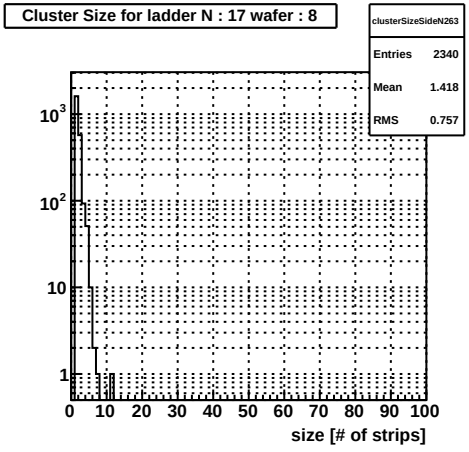

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2494
Mean 1.424
RMS 0.7717
size [# of strips]

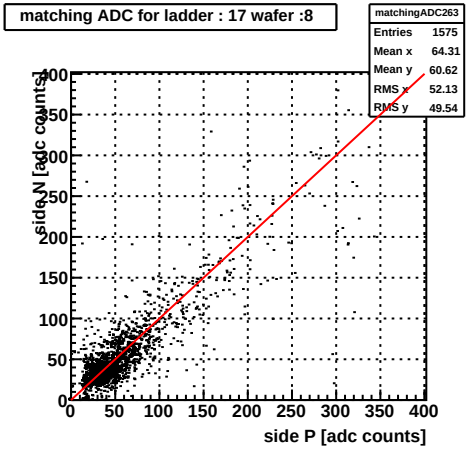

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1569
Mean x 66.29
Mean y 64.79
RMS x 53.66
RMS y 52.87
side N [adc counts]
side P [adc counts]

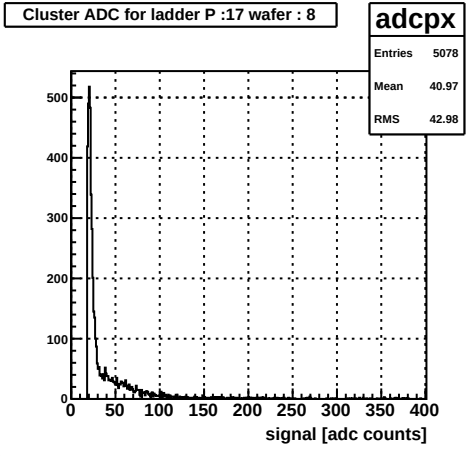

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 3256
Mean 55.28
RMS 52.07
signal [adc counts]

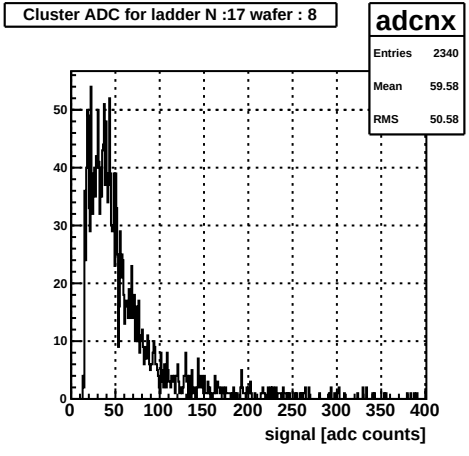

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2494
Mean 59.7
RMS 55.33
signal [adc counts]

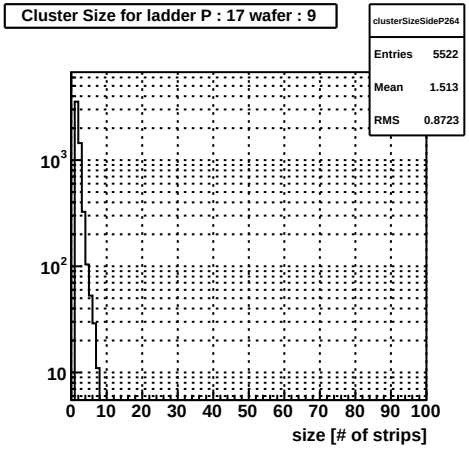

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 5078
Mean 1.135
RMS 0.4187
size [# of strips]

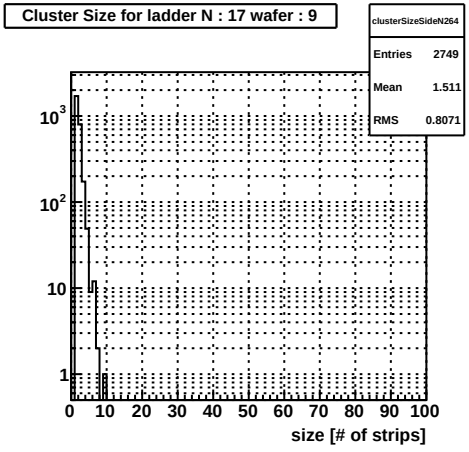

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2340
Mean 1.418
RMS 0.757
size [# of strips]

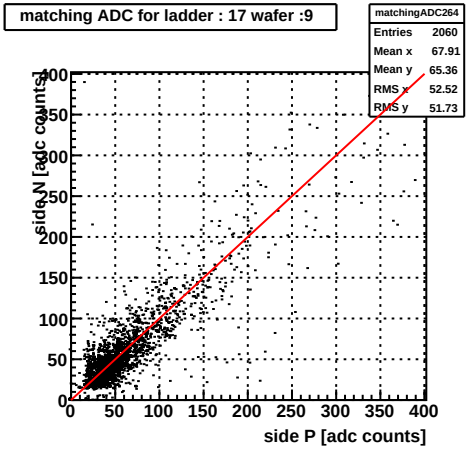

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1575
Mean x 64.31
Mean y 60.62
RMS x 52.13
RMS y 49.54
side N [adc counts]
side P [adc counts]

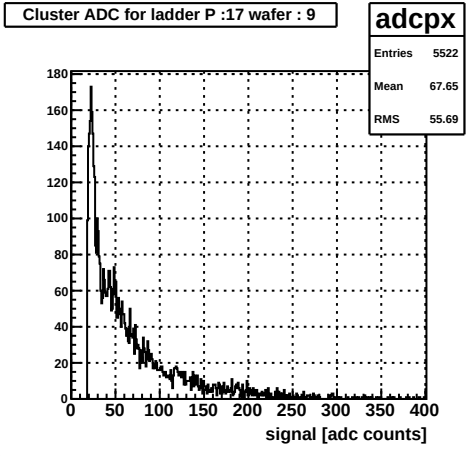

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 5078
Mean 40.97
RMS 42.98
signal [adc counts]

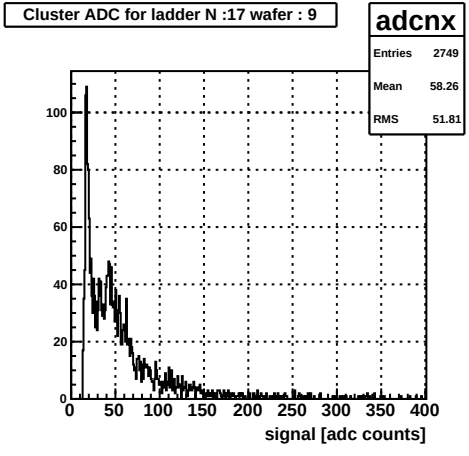

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2340
Mean 59.58
RMS 50.58
signal [adc counts]

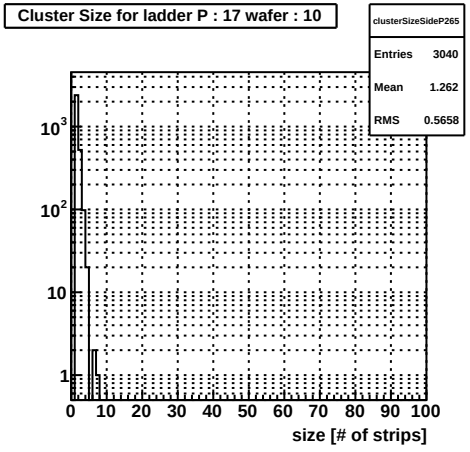

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 5522
Mean 1.513
RMS 0.8723
size [# of strips]

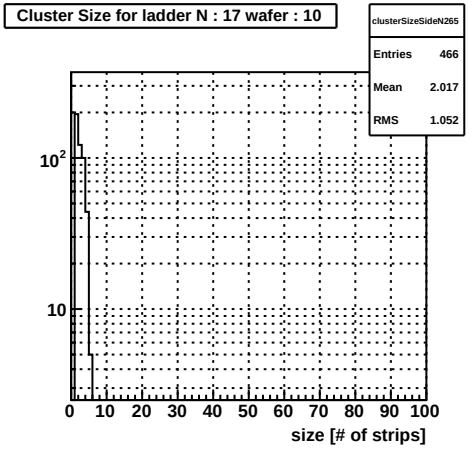

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2749
Mean 1.511
RMS 0.8071
size [# of strips]

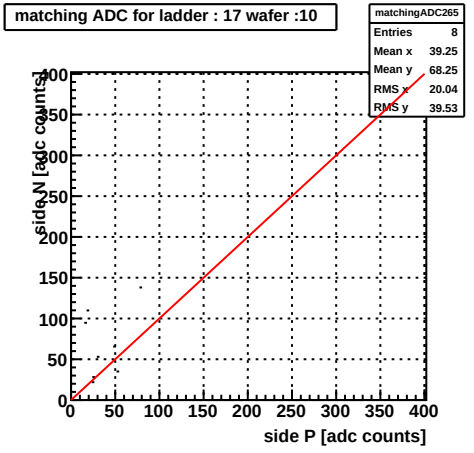

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2060
Mean x 67.91
Mean y 65.36
RMS x 52.52
RMS y 51.73
side N [adc counts]
side P [adc counts]

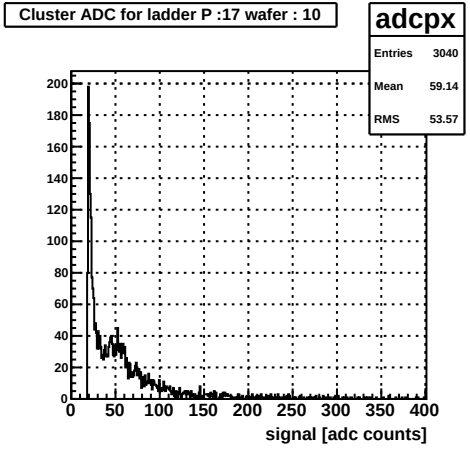

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 5522
Mean 67.65
RMS 55.69
signal [adc counts]

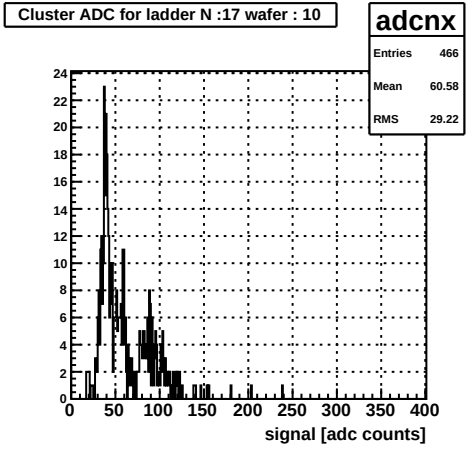

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2749
Mean 58.26
RMS 51.81
signal [adc counts]

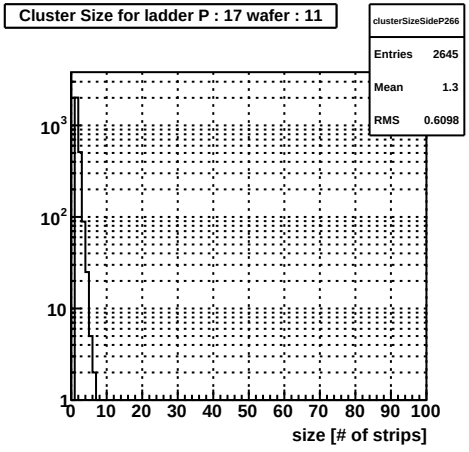

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3040
Mean 1.262
RMS 0.5658
size [# of strips]

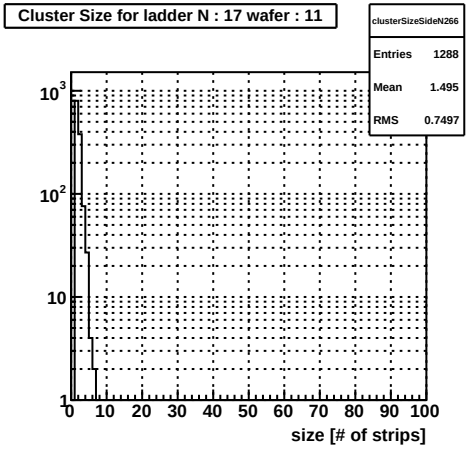

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 466
Mean 2.017
RMS 1.052
size [# of strips]

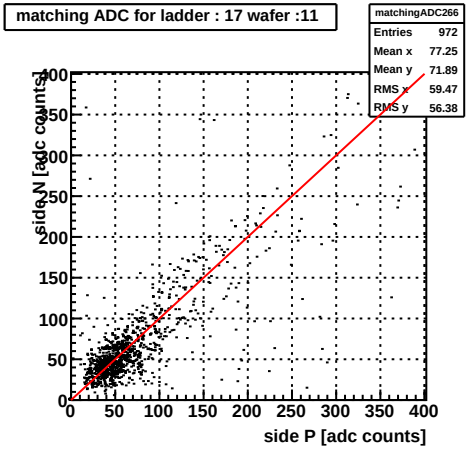

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 8
Mean x 39.25
Mean y 68.25
RMS x 20.04
RMS y 39.53
side N [adc counts]
side P [adc counts]

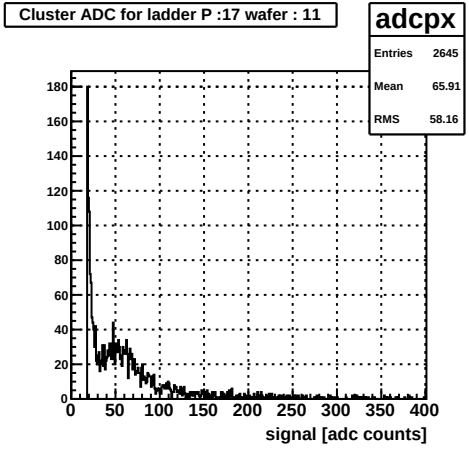

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3040
Mean 59.14
RMS 53.57
signal [adc counts]

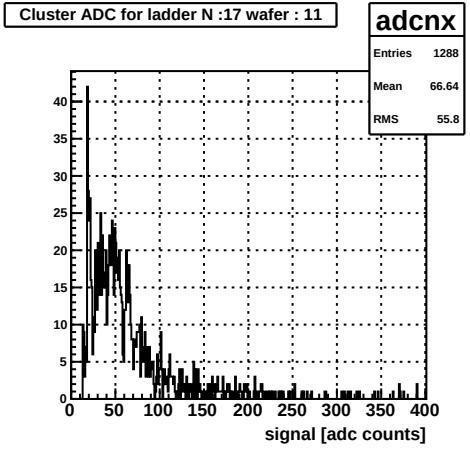

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 466
Mean 60.58
RMS 29.22
signal [adc counts]

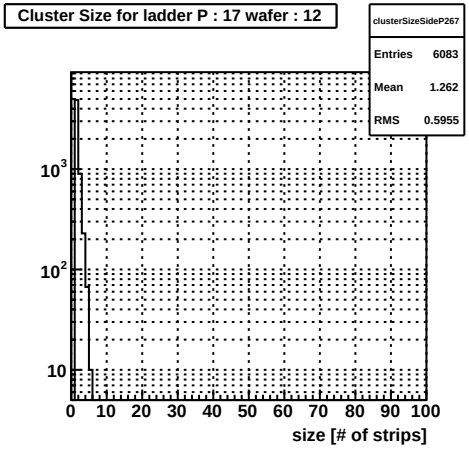

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2645
Mean 1.3
RMS 0.6098
size [# of strips]

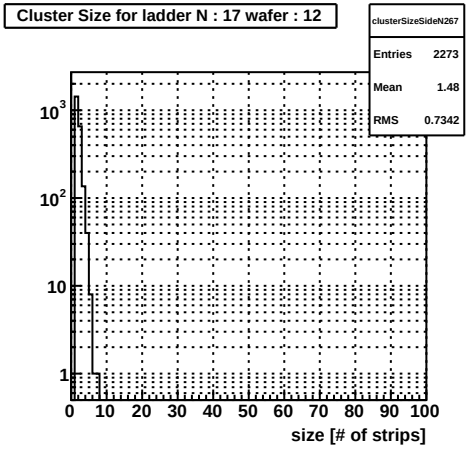

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1288
Mean 1.495
RMS 0.7497
size [# of strips]

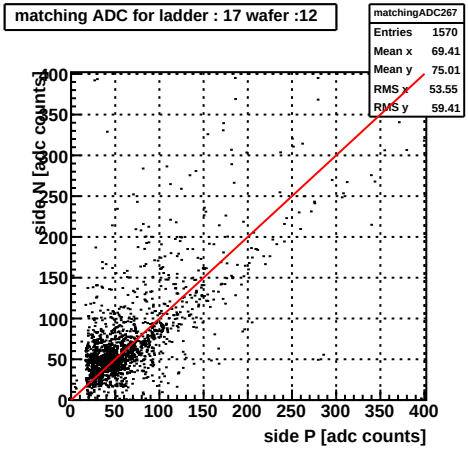

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 972
Mean x 77.25
Mean y 71.89
RMS x 59.47
RMS y 56.38
side N [adc counts]
side P [adc counts]

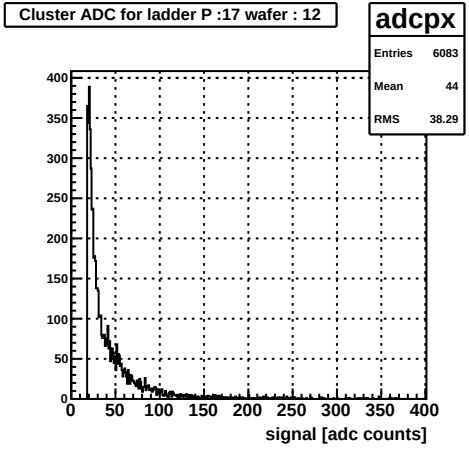

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2645
Mean 65.91
RMS 58.16
signal [adc counts]

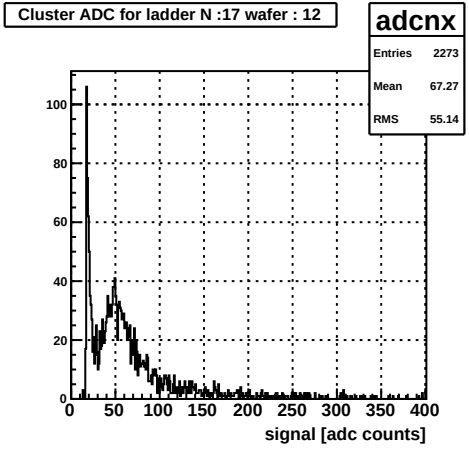

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1288
Mean 66.64
RMS 55.8
signal [adc counts]

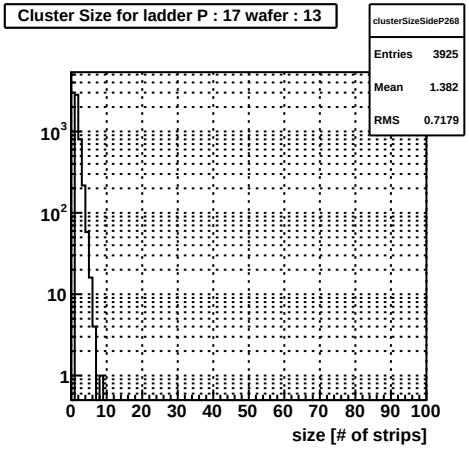

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 6083
Mean 1.262
RMS 0.5955
size [# of strips]

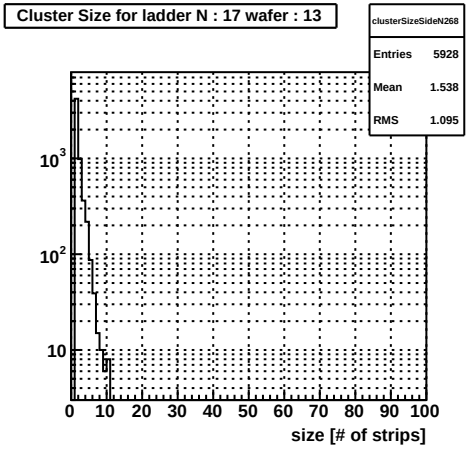

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2273
Mean 1.48
RMS 0.7342
size [# of strips]

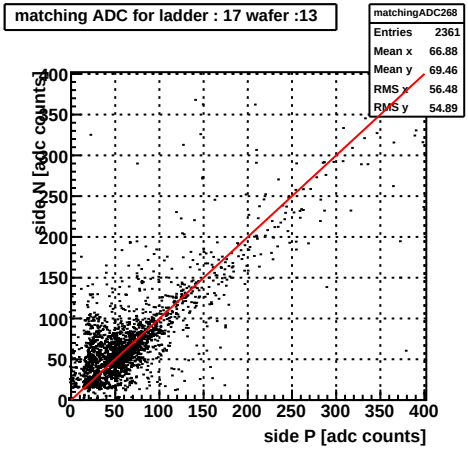

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1570
Mean x 69.41
Mean y 75.01
RMS x 53.55
RMS y 59.41
side N [adc counts]
side P [adc counts]

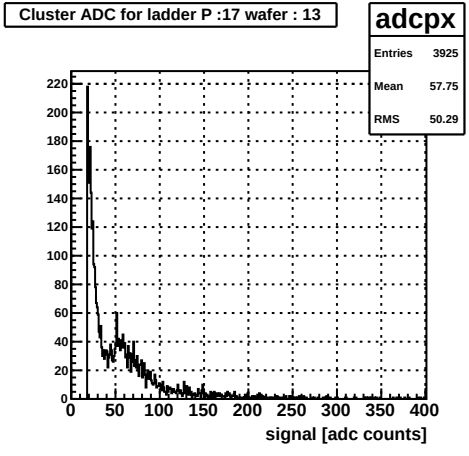

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 6083
Mean 44
RMS 38.29
signal [adc counts]

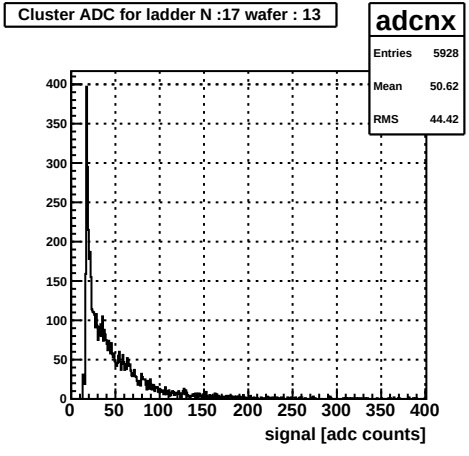

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2273
Mean 67.27
RMS 55.14
signal [adc counts]

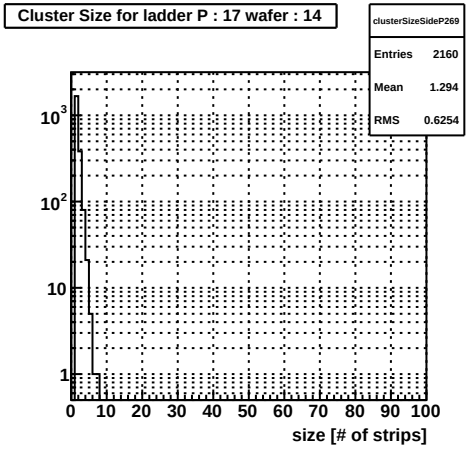

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3925
Mean 1.382
RMS 0.7179
size [# of strips]

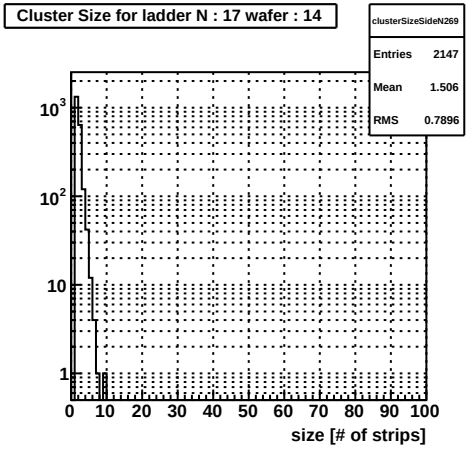

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 5928
Mean 1.538
RMS 1.095
size [# of strips]

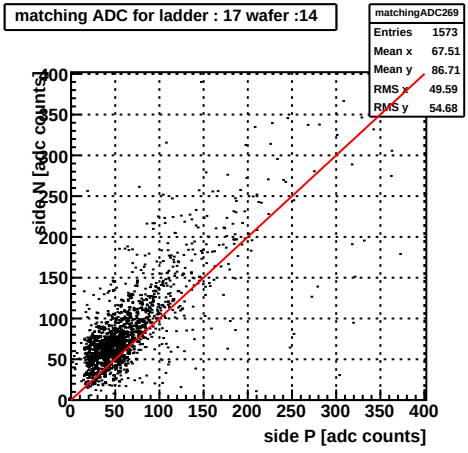

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2361
Mean x 66.88
Mean y 69.46
RMS x 56.48
RMS y 54.89
side N [adc counts]
side P [adc counts]

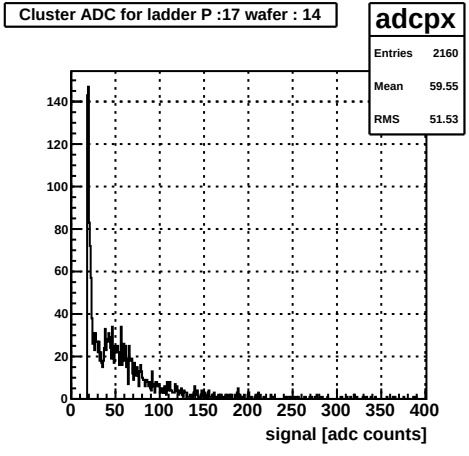

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3925
Mean 57.75
RMS 50.29
signal [adc counts]

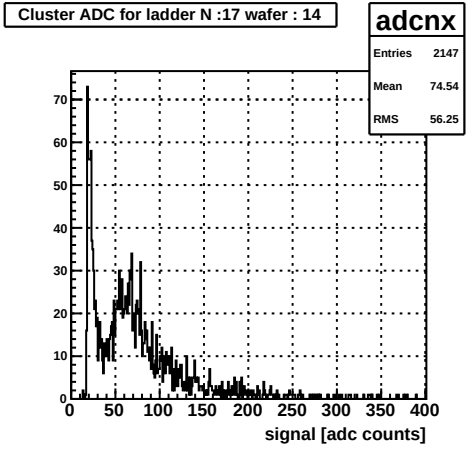

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 5928
Mean 50.62
RMS 44.42
signal [adc counts]

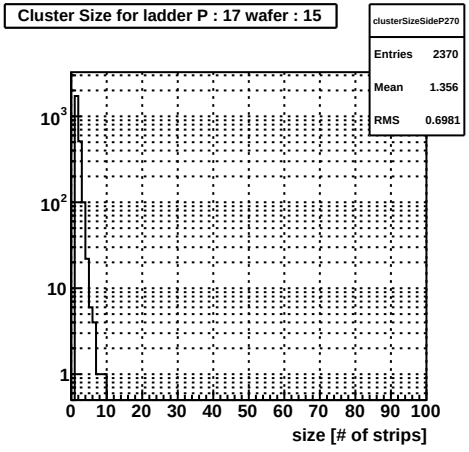

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2160
Mean 1.294
RMS 0.6254
size [# of strips]

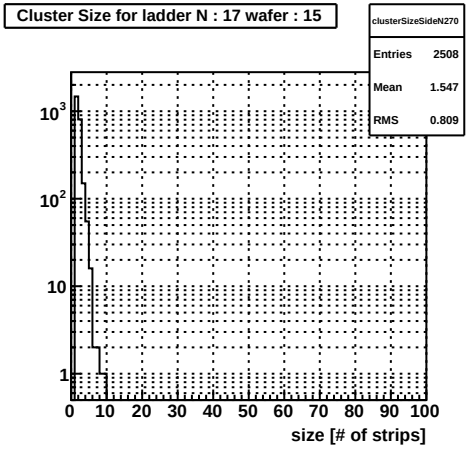

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2147
Mean 1.506
RMS 0.7896
size [# of strips]

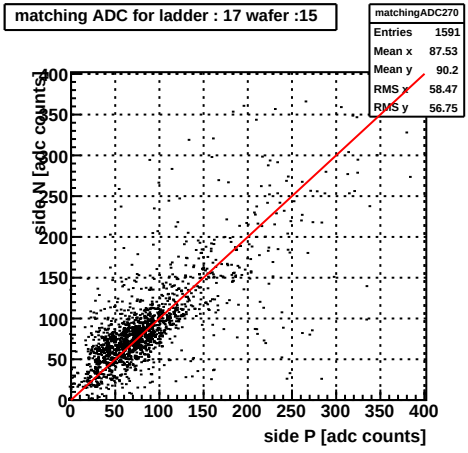

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1573
Mean x 67.51
Mean y 86.71
RMS x 49.59
RMS y 54.68
side N [adc counts]
side P [adc counts]

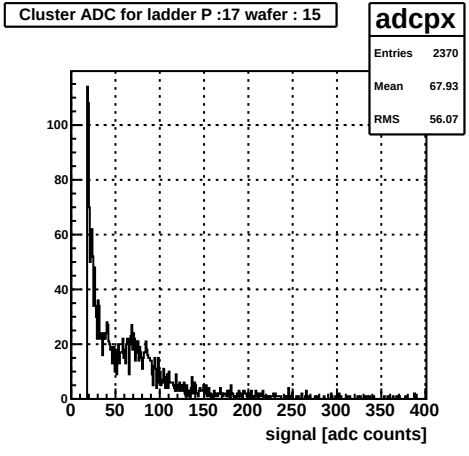

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2160
Mean 59.55
RMS 51.53
signal [adc counts]

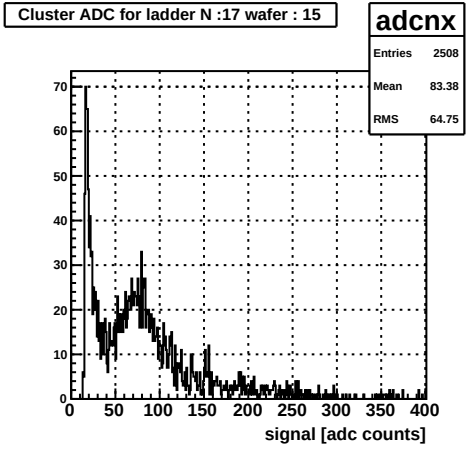

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2147
Mean 74.54
RMS 56.25
signal [adc counts]

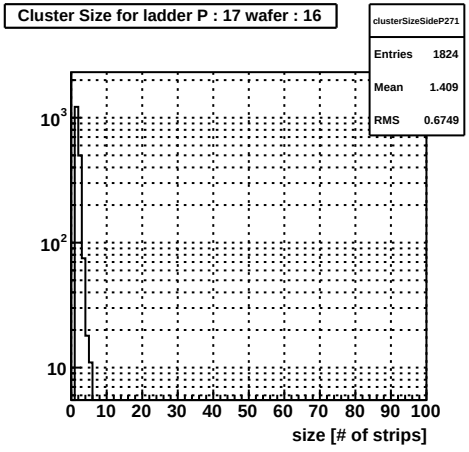

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2370
Mean 1.356
RMS 0.6981
size [# of strips]

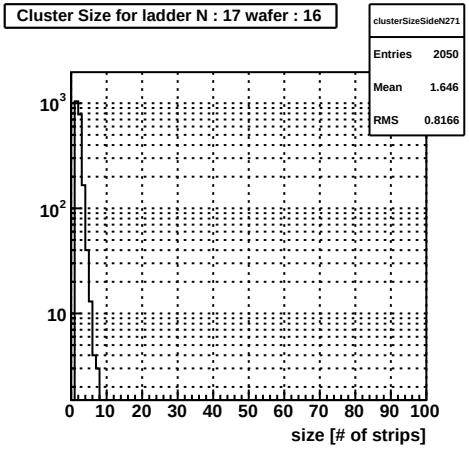

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2508
Mean 1.547
RMS 0.809
size [# of strips]

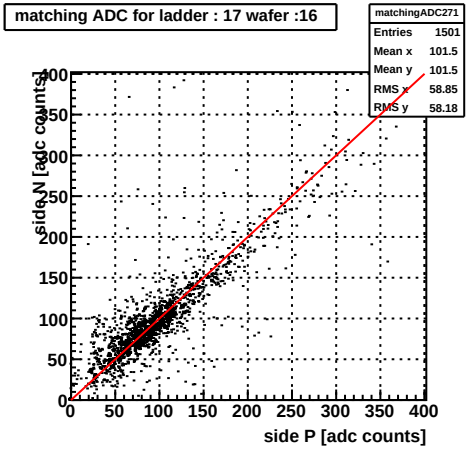

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1591
Mean x 87.53
Mean y 90.2
RMS x 58.47
RMS y 56.75
side N [adc counts]
side P [adc counts]

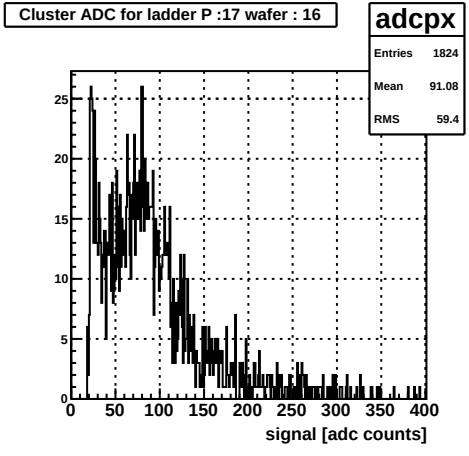

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2370
Mean 67.93
RMS 56.07
signal [adc counts]

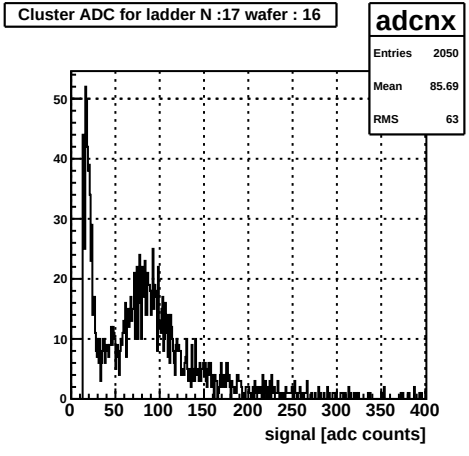

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2508
Mean 83.38
RMS 64.75
signal [adc counts]

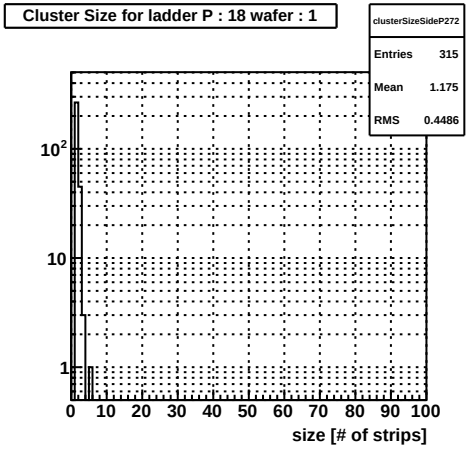

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1824
Mean 1.409
RMS 0.6749
size [# of strips]

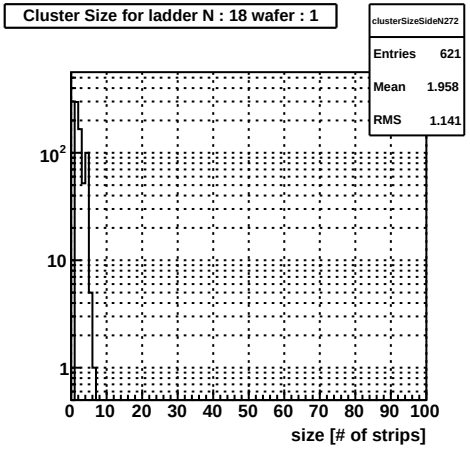

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2050
Mean 1.646
RMS 0.8166
size [# of strips]

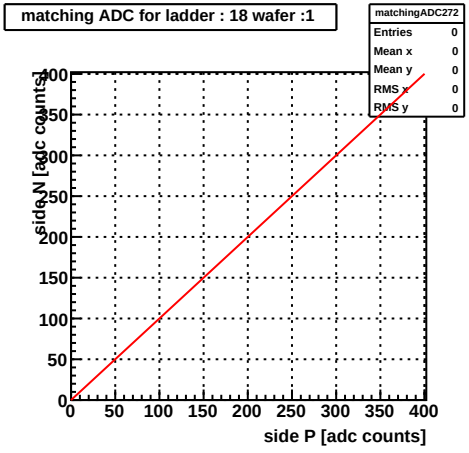

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1501
Mean x 101.5
Mean y 101.5
RMS x 58.85
RMS y 58.18
side N [adc counts]
side P [adc counts]

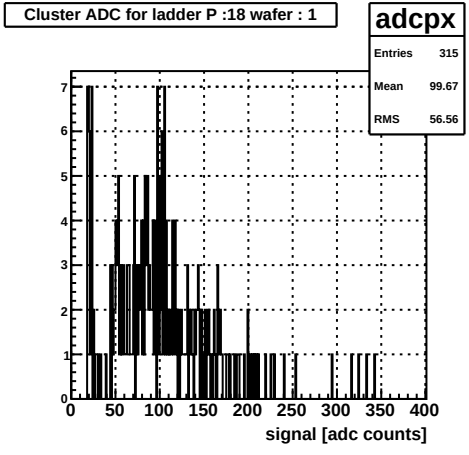

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1824
Mean 91.08
RMS 59.4
signal [adc counts]

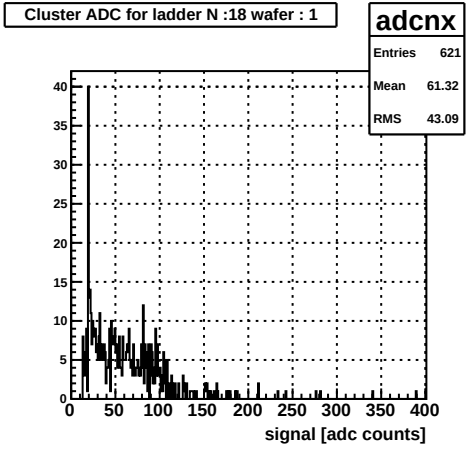

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2050
Mean 85.69
RMS 63
signal [adc counts]

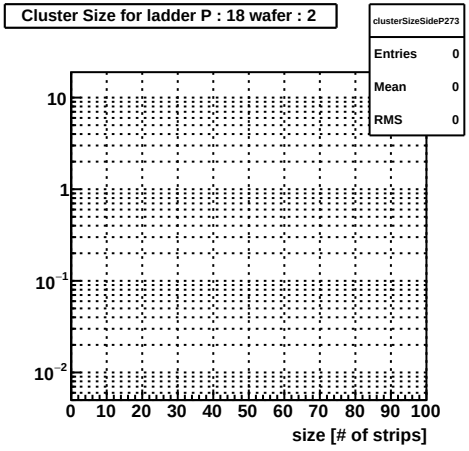

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 315
Mean 1.175
RMS 0.4486
size [# of strips]

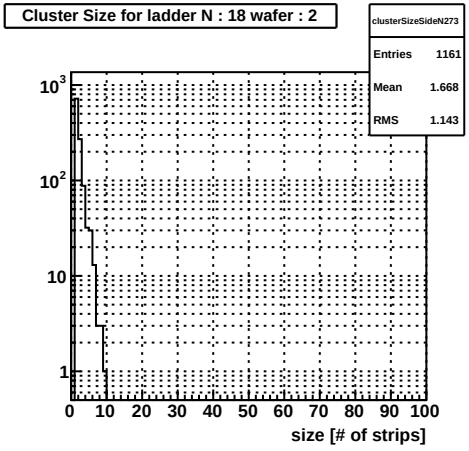

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 621
Mean 1.958
RMS 1.141
size [# of strips]

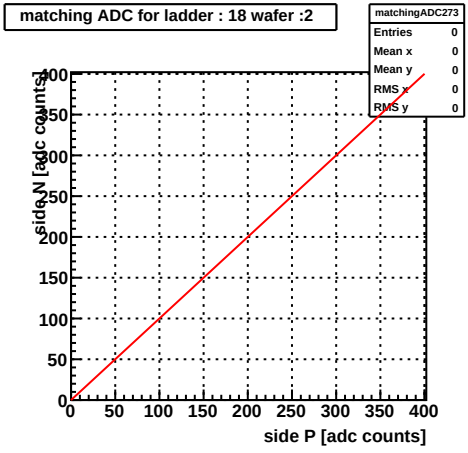

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

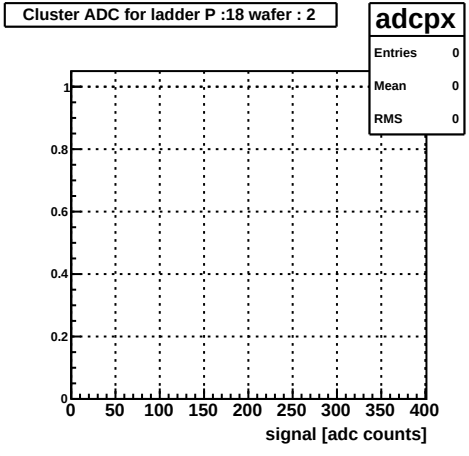

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 315
Mean 99.67
RMS 56.56
signal [adc counts]

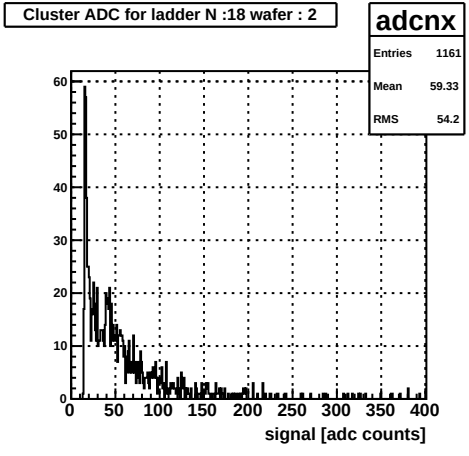

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 621
Mean 61.32
RMS 43.09
signal [adc counts]

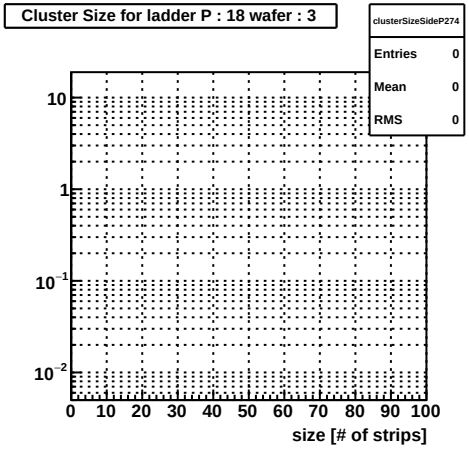

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

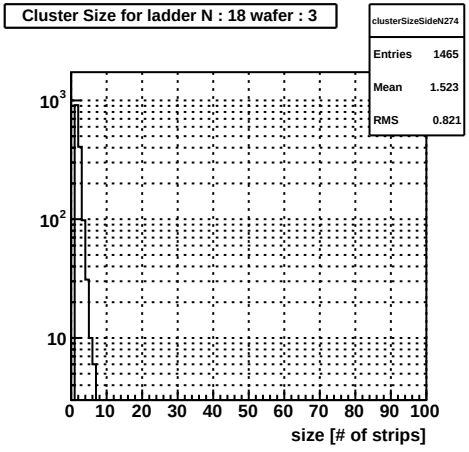

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1161
Mean 1.668
RMS 1.143
size [# of strips]

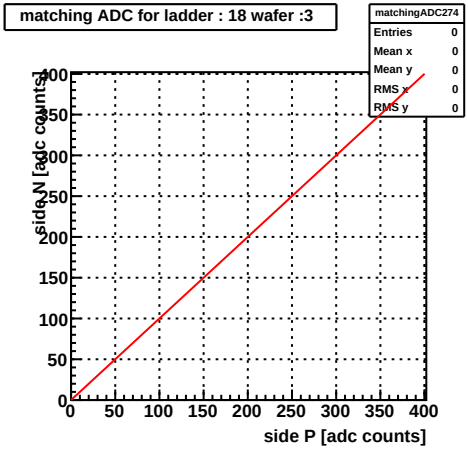

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

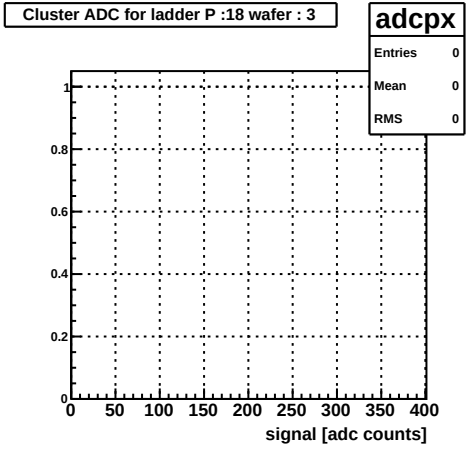

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

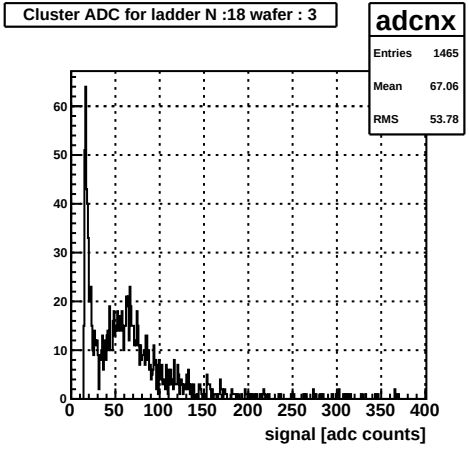

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1161
Mean 59.33
RMS 54.2
signal [adc counts]

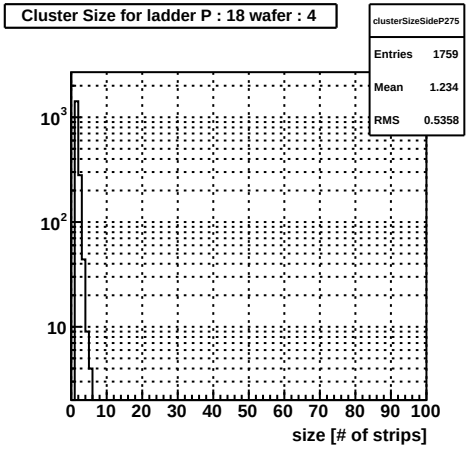

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

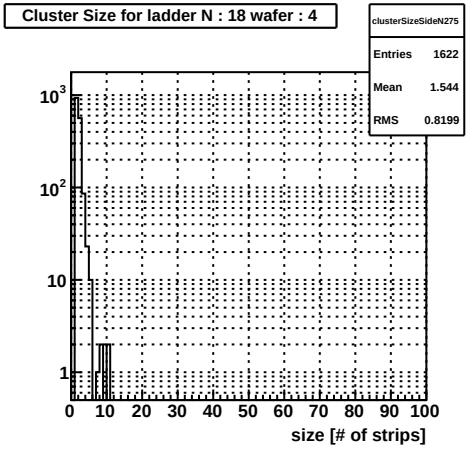

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1465
Mean 1.523
RMS 0.821
size [# of strips]

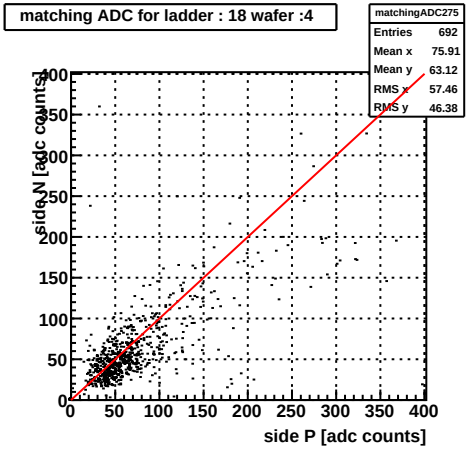

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

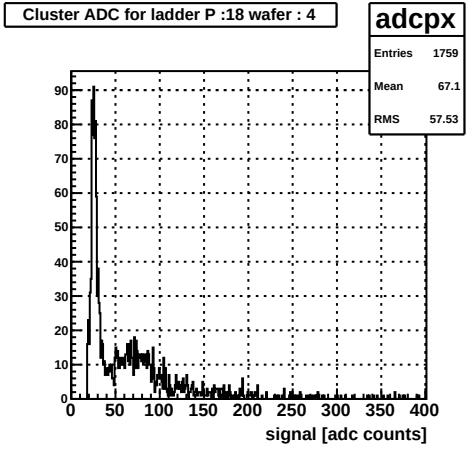

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

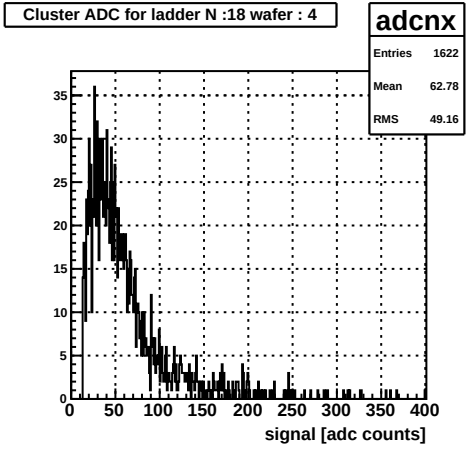

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1465
Mean 67.06
RMS 53.78
signal [adc counts]

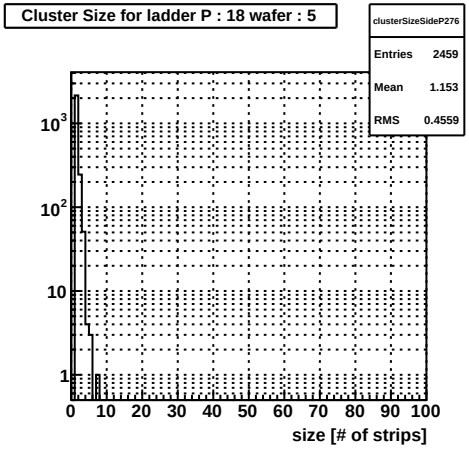

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1759
Mean 1.234
RMS 0.5358
size [# of strips]

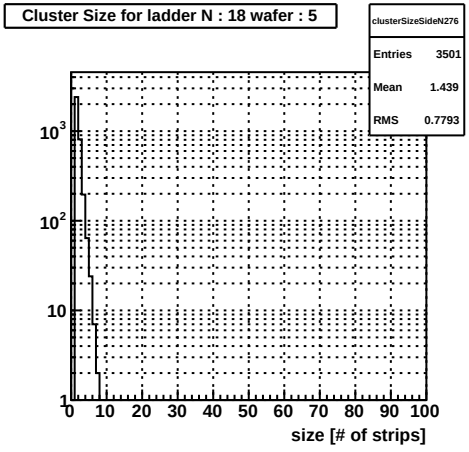

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1622
Mean 1.544
RMS 0.8199
size [# of strips]

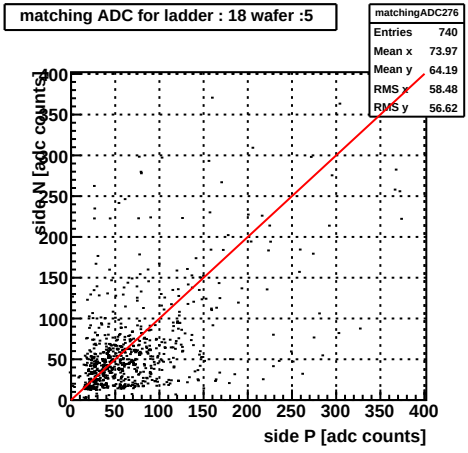

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 692
Mean x 75.91
Mean y 63.12
RMS x 57.46
RMS y 46.38
side N [adc counts]
side P [adc counts]

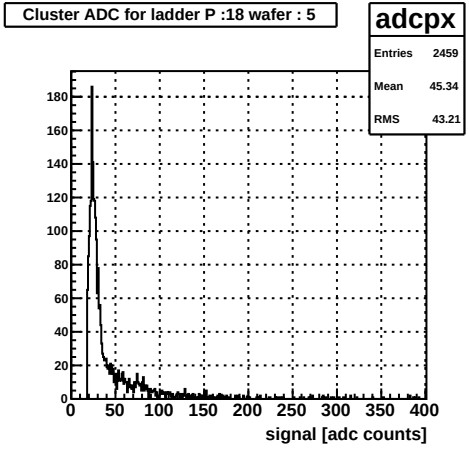

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1759
Mean 67.1
RMS 57.53
signal [adc counts]

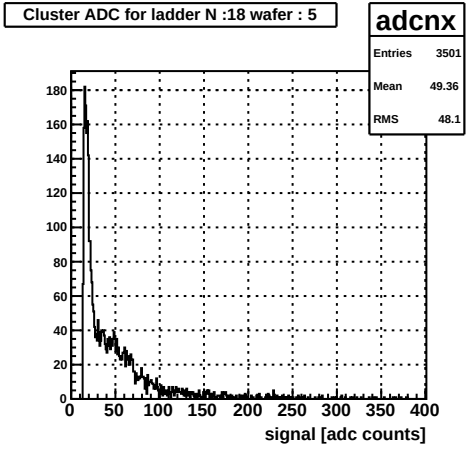

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1622
Mean 62.78
RMS 49.16
signal [adc counts]

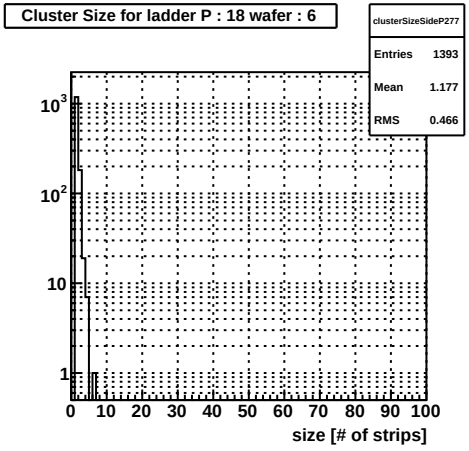

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2459
Mean 1.153
RMS 0.4559
size [# of strips]

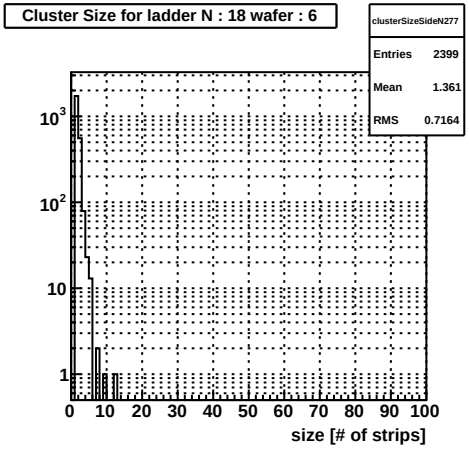

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3501
Mean 1.439
RMS 0.7793
size [# of strips]

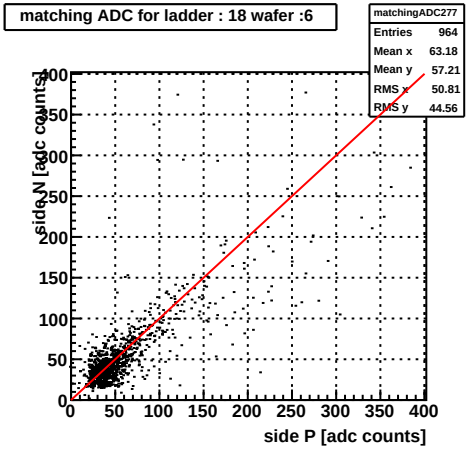

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 740
Mean x 73.97
Mean y 64.19
RMS x 58.48
RMS y 56.62
side N [adc counts]
side P [adc counts]

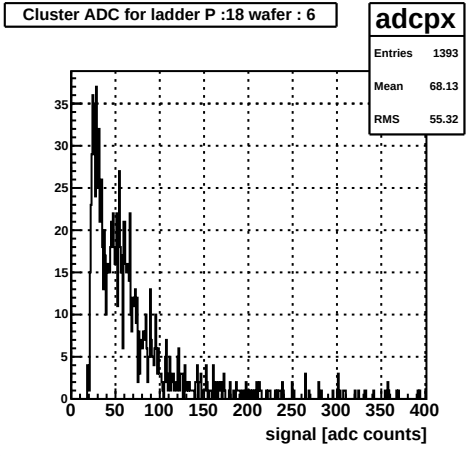

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2459
Mean 45.34
RMS 43.21
signal [adc counts]

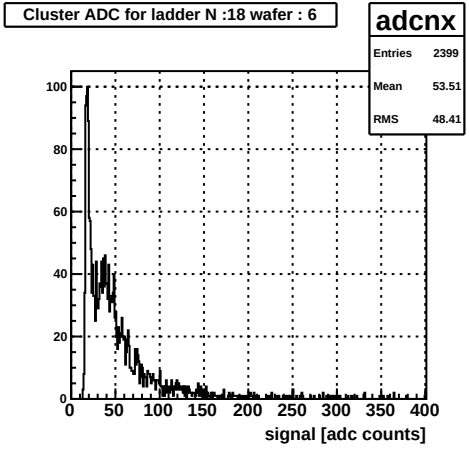

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3501
Mean 49.36
RMS 48.1
signal [adc counts]

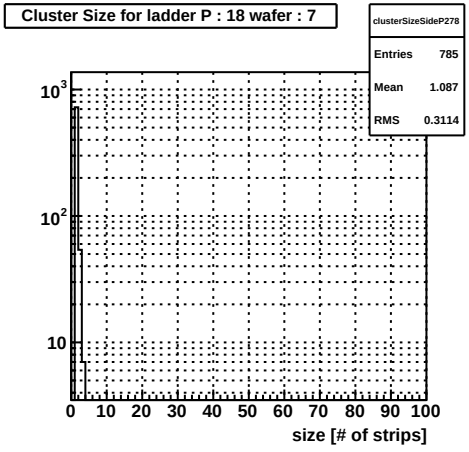

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1393
Mean 1.177
RMS 0.466
size [# of strips]

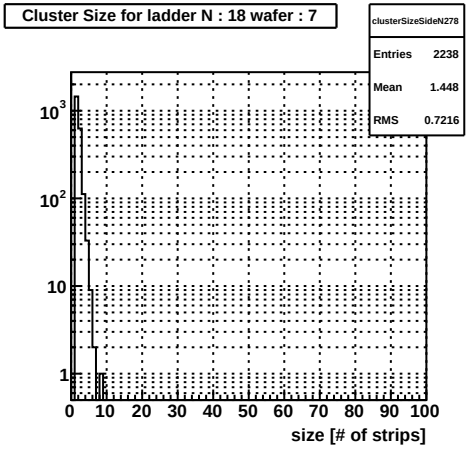

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2399
Mean 1.361
RMS 0.7164
size [# of strips]

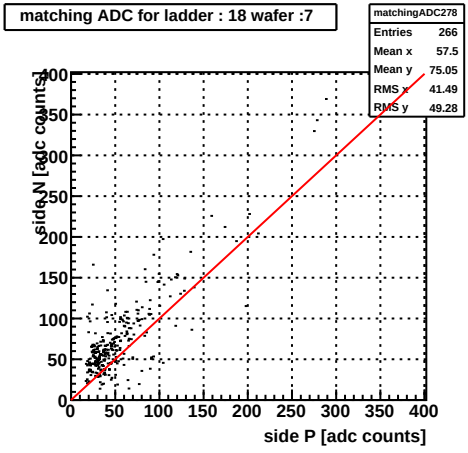

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 964
Mean x 63.18
Mean y 57.21
RMS x 50.81
RMS y 44.56
side N [adc counts]
side P [adc counts]

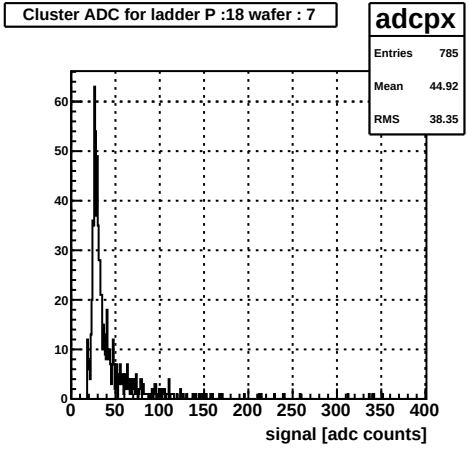

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1393
Mean 68.13
RMS 55.32
signal [adc counts]

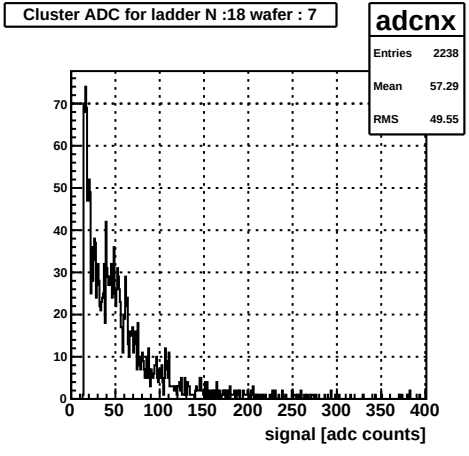

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2399
Mean 53.51
RMS 48.41
signal [adc counts]

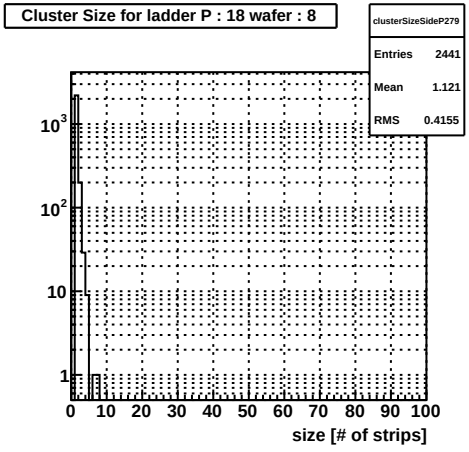

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 785
Mean 1.087
RMS 0.3114
size [# of strips]

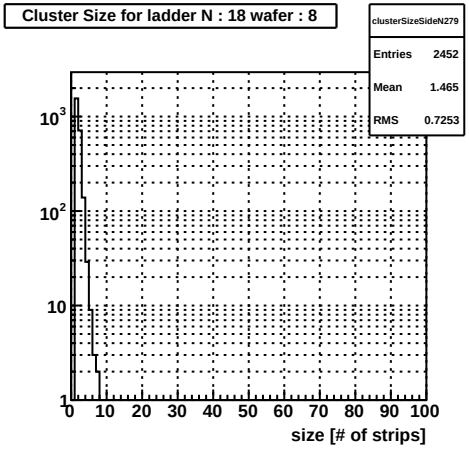

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2238
Mean 1.448
RMS 0.7216
size [# of strips]

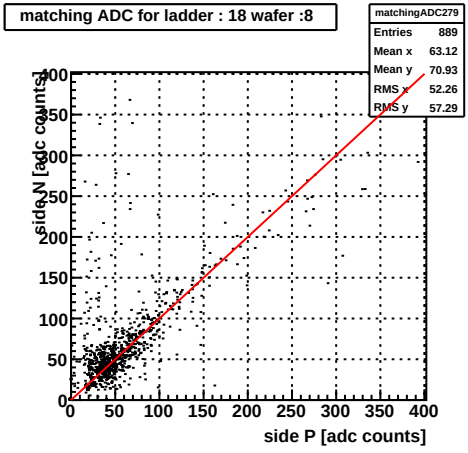

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 266
Mean x 57.5
Mean y 75.05
RMS x 41.49
RMS y 49.28
side N [adc counts]
side P [adc counts]

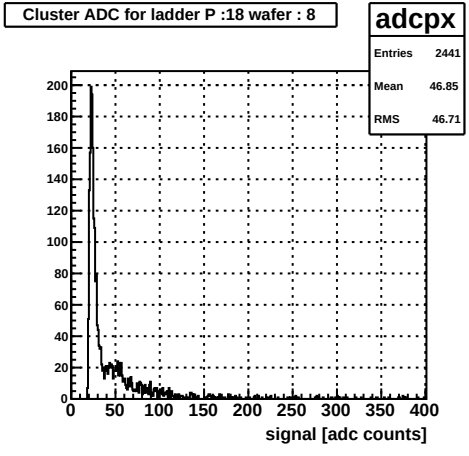

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 785
Mean 44.92
RMS 38.35
signal [adc counts]

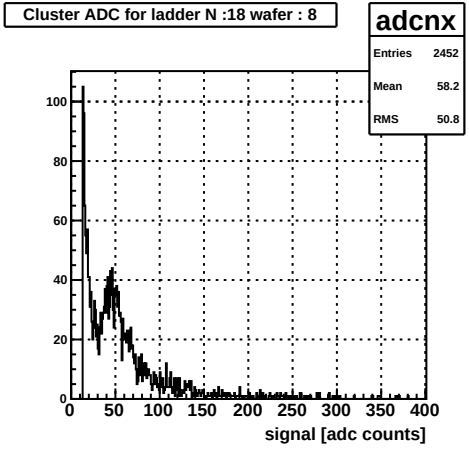

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2238
Mean 57.29
RMS 49.55
signal [adc counts]

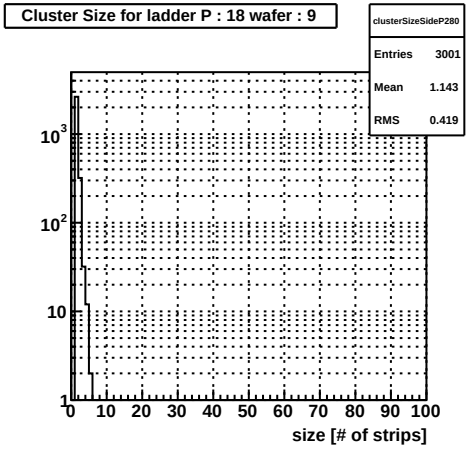

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 2441
Mean 1.121
RMS 0.4155
size [# of strips]

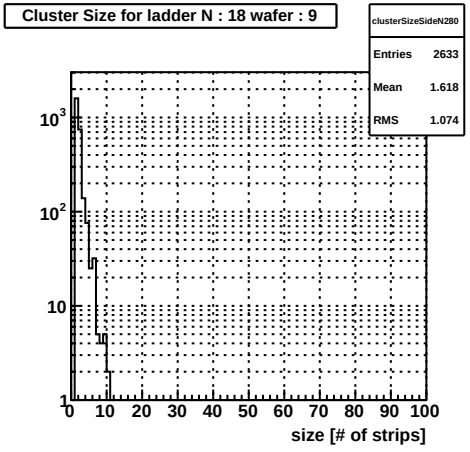

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2452
Mean 1.465
RMS 0.7253
size [# of strips]

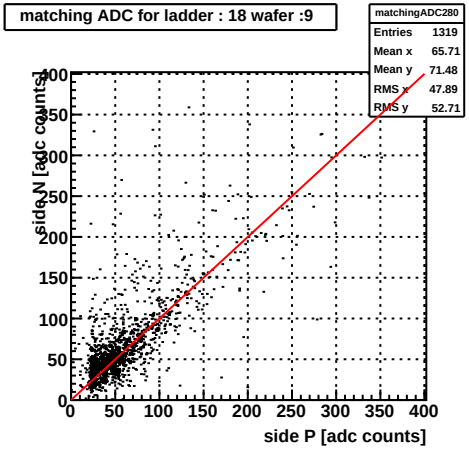

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 889
Mean x 63.12
Mean y 70.93
RMS x 52.26
RMS y 57.29
side N [adc counts]
side P [adc counts]

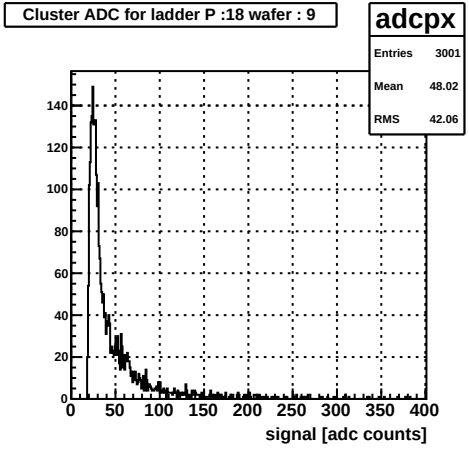

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 2441
Mean 46.85
RMS 46.71
signal [adc counts]

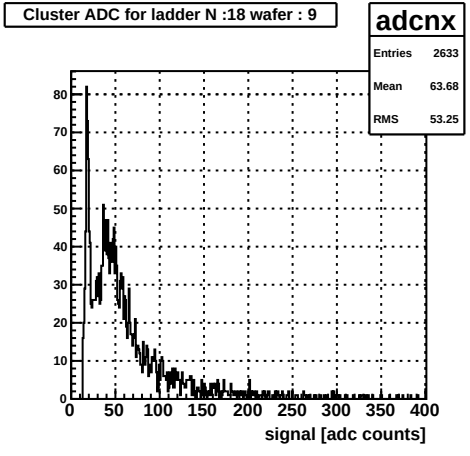

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2452
Mean 58.2
RMS 50.8
signal [adc counts]

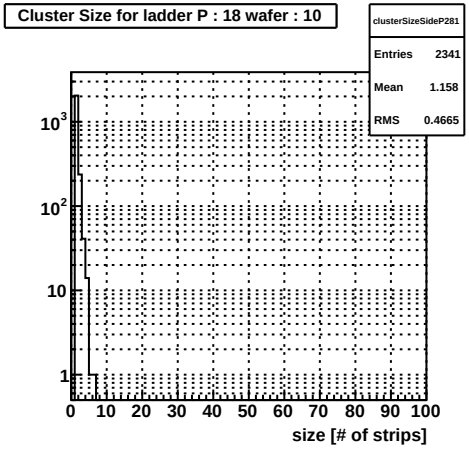

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3001
Mean 1.143
RMS 0.419
size [# of strips]

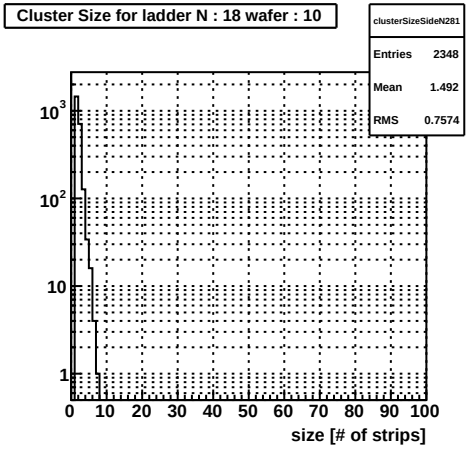

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2633
Mean 1.618
RMS 1.074
size [# of strips]

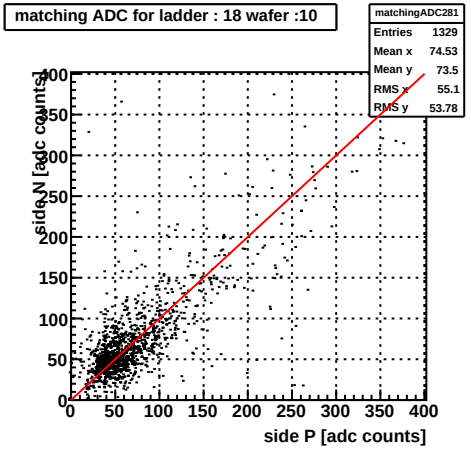

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1319
Mean x 65.71
Mean y 71.48
RMS x 47.89
RMS y 52.71
side N [adc counts]
side P [adc counts]

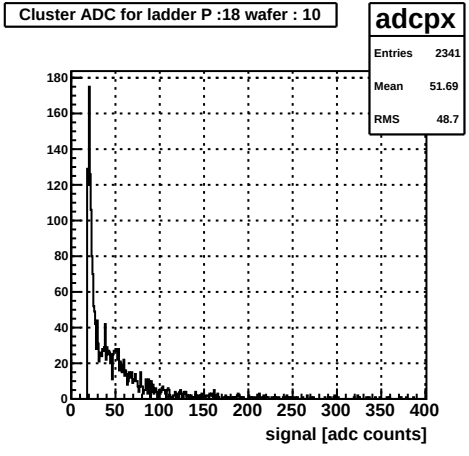

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3001
Mean 48.02
RMS 42.06
signal [adc counts]

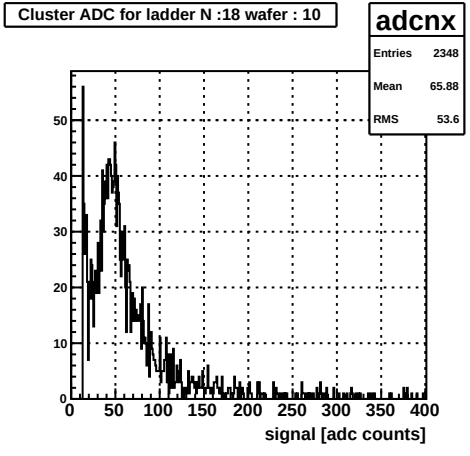

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2633
Mean 63.68
RMS 53.25
signal [adc counts]

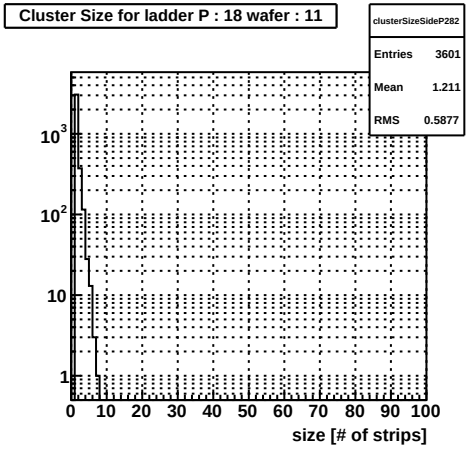

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 2341
Mean 1.158
RMS 0.4665
size [# of strips]

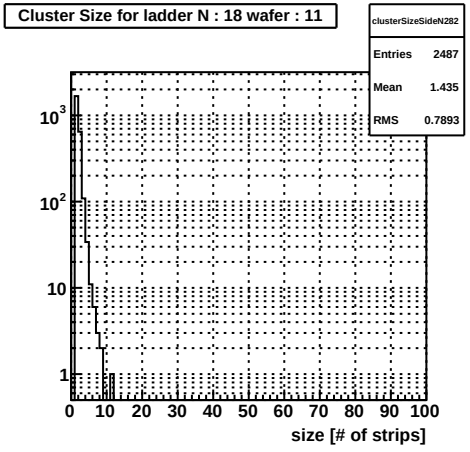

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2348
Mean 1.492
RMS 0.7574
size [# of strips]

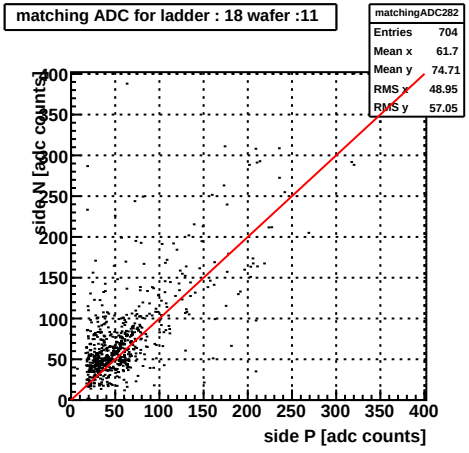

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1329
Mean x 74.53
Mean y 73.5
RMS x 55.1
RMS y 53.78
side N [adc counts]
side P [adc counts]

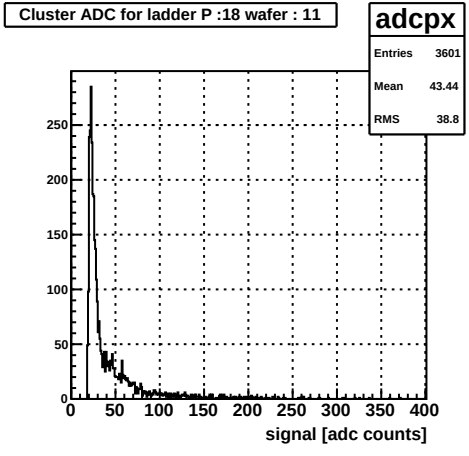

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 2341
Mean 51.69
RMS 48.7
signal [adc counts]

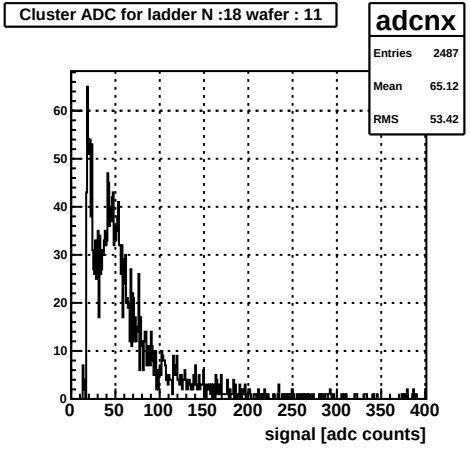

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2348
Mean 65.88
RMS 53.6
signal [adc counts]

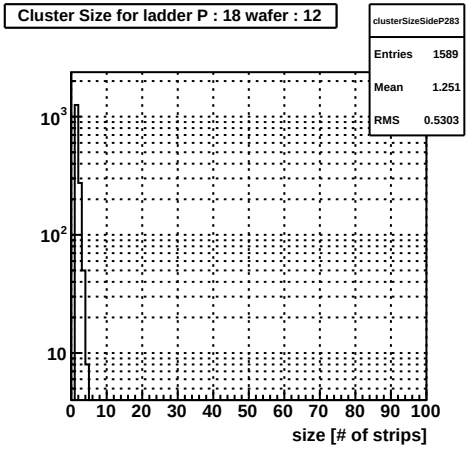

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 3601
Mean 1.211
RMS 0.5877
size [# of strips]

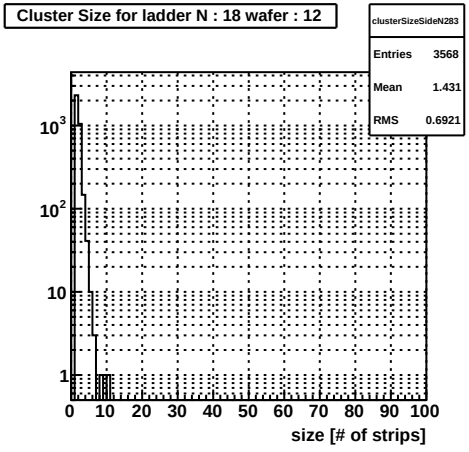

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2487
Mean 1.435
RMS 0.7893
size [# of strips]

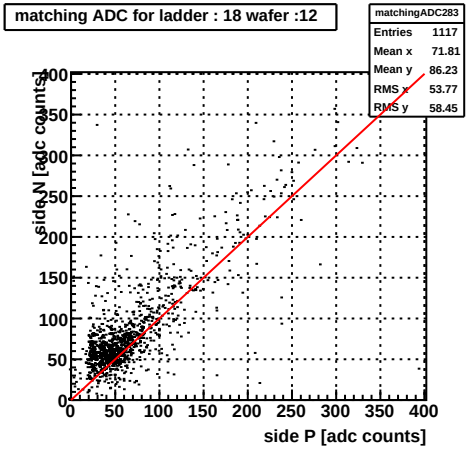

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 704
Mean x 61.7
Mean y 74.71
RMS x 48.95
RMS y 57.05
side N [adc counts]
side P [adc counts]

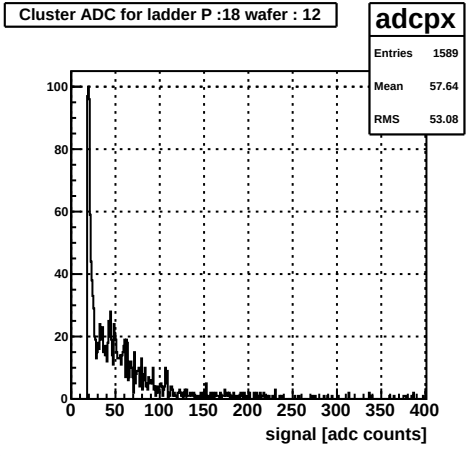

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 3601
Mean 43.44
RMS 38.8
signal [adc counts]

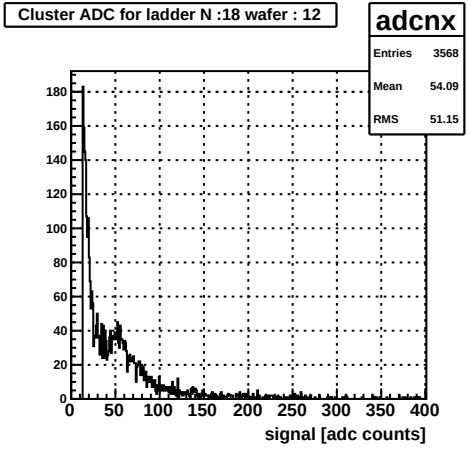

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2487
Mean 65.12
RMS 53.42
signal [adc counts]

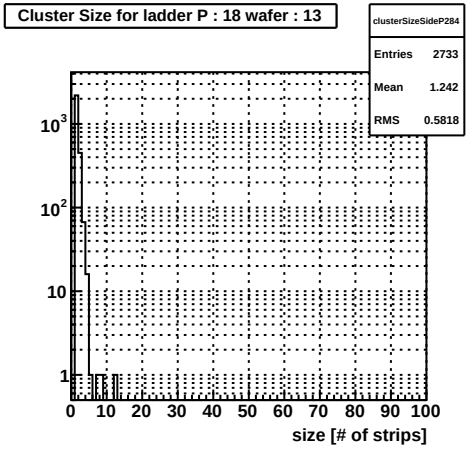

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1589
Mean 1.251
RMS 0.5303
size [# of strips]

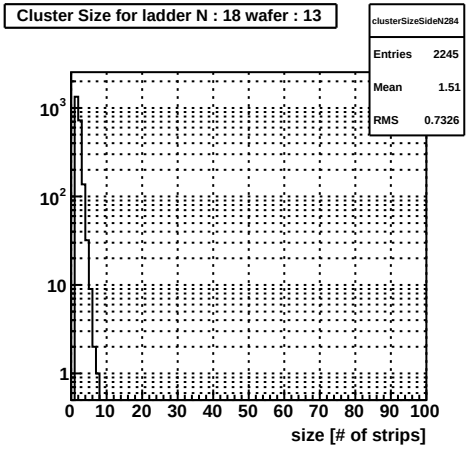

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3568
Mean 1.431
RMS 0.6921
size [# of strips]

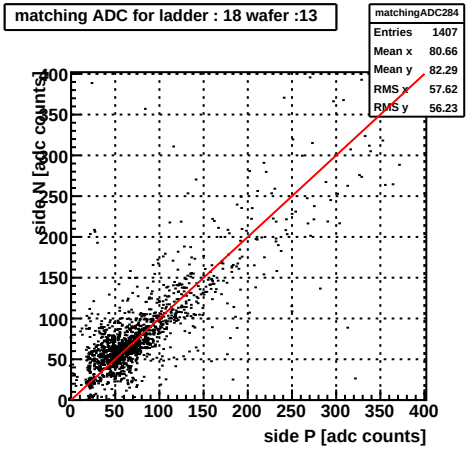

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1117
Mean x 71.81
Mean y 86.23
RMS x 53.77
RMS y 58.45
side N [adc counts]
side P [adc counts]

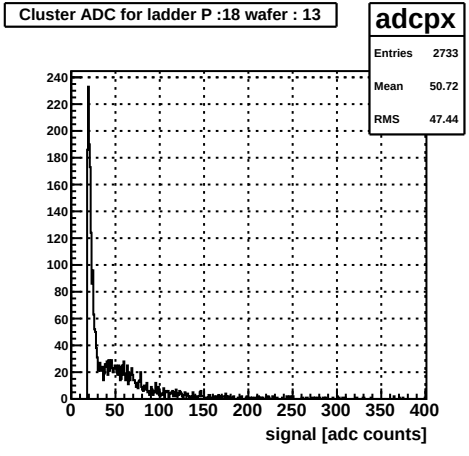

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1589
Mean 57.64
RMS 53.08
signal [adc counts]

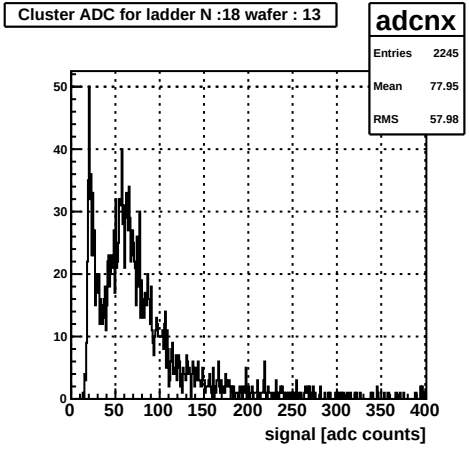

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3568
Mean 54.09
RMS 51.15
signal [adc counts]

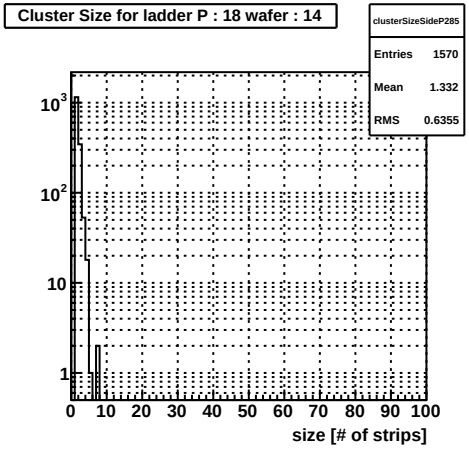

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2733
Mean 1.242
RMS 0.5818
size [# of strips]

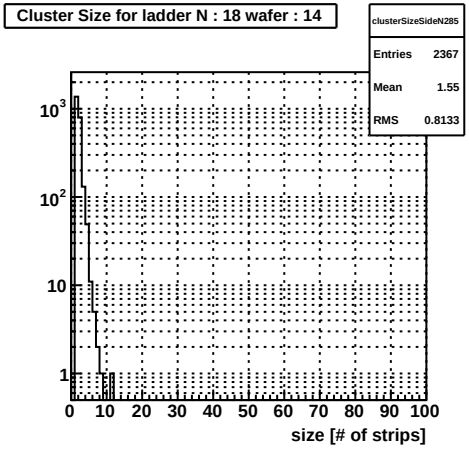

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2245
Mean 1.51
RMS 0.7326
size [# of strips]

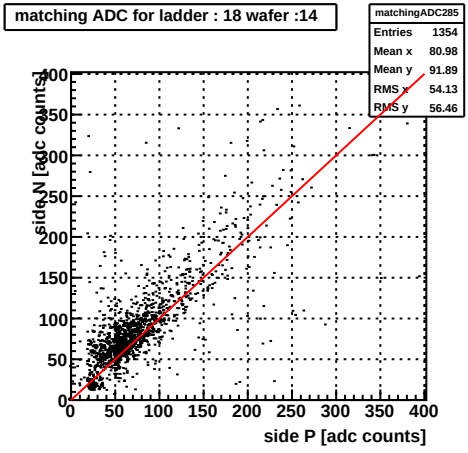

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1407
Mean x 80.66
Mean y 82.29
RMS x 57.62
RMS y 56.23
side N [adc counts]
side P [adc counts]

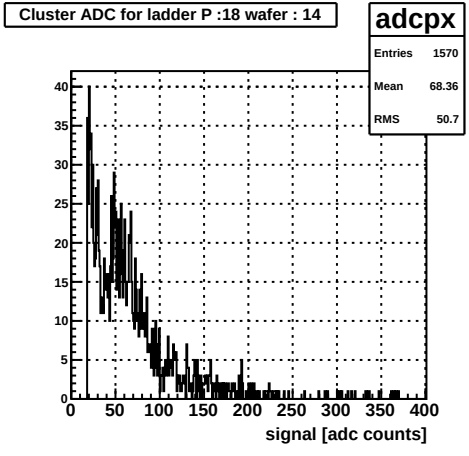

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2733
Mean 50.72
RMS 47.44
signal [adc counts]

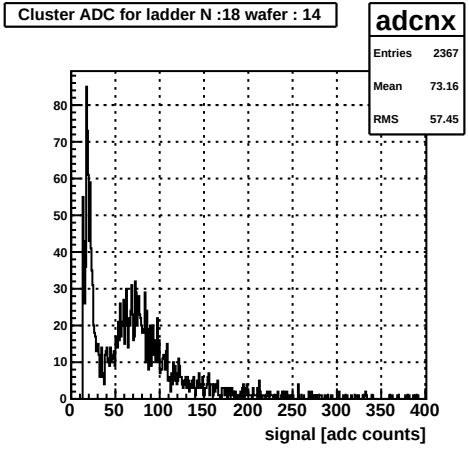

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2245
Mean 77.95
RMS 57.98
signal [adc counts]

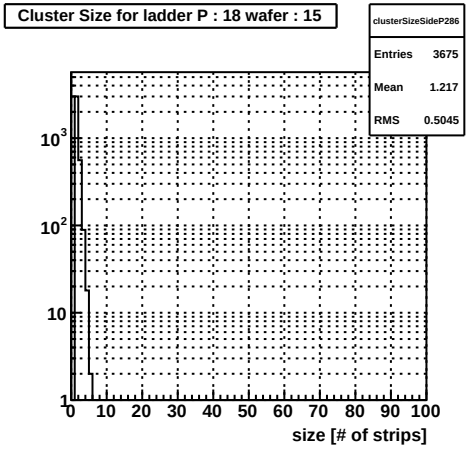

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1570
Mean 1.332
RMS 0.6355
size [# of strips]

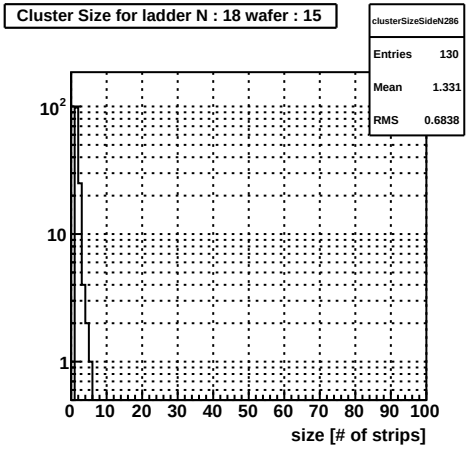

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2367
Mean 1.55
RMS 0.8133
size [# of strips]

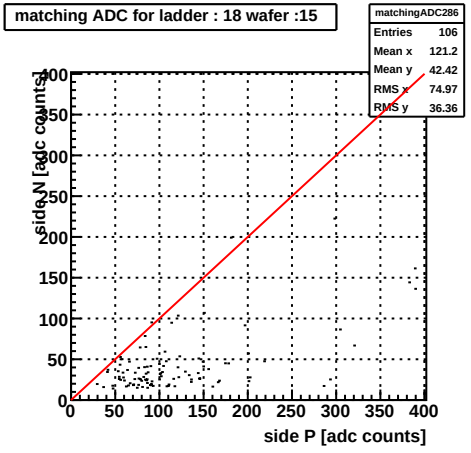

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1354
Mean x 80.98
Mean y 91.89
RMS x 54.13
RMS y 56.46
side N [adc counts]
side P [adc counts]

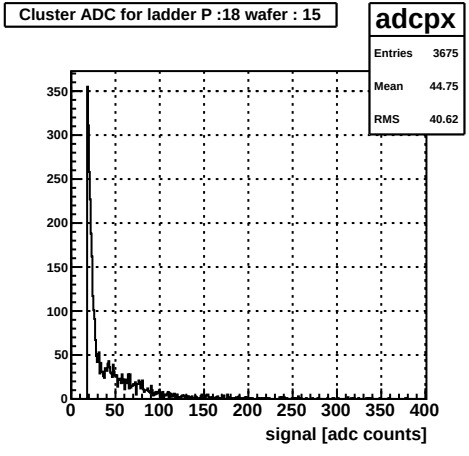

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1570
Mean 68.36
RMS 50.7
signal [adc counts]

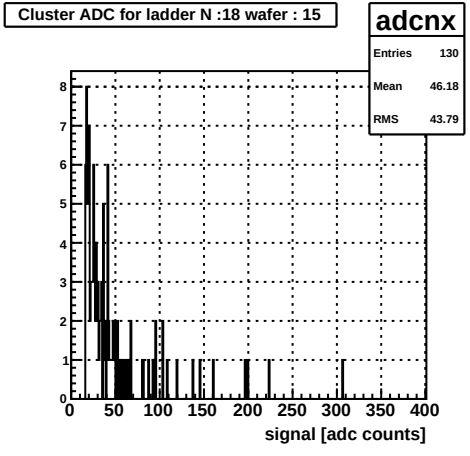

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2367
Mean 73.16
RMS 57.45
signal [adc counts]

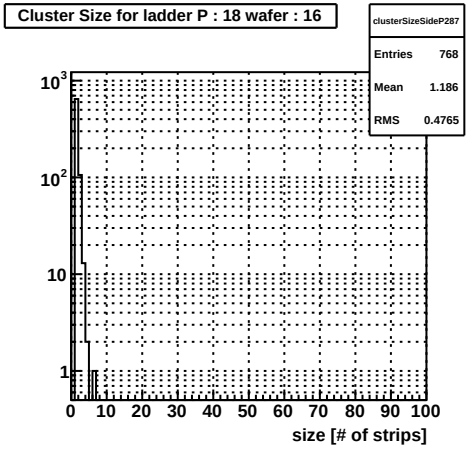

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 3675
Mean 1.217
RMS 0.5045
size [# of strips]

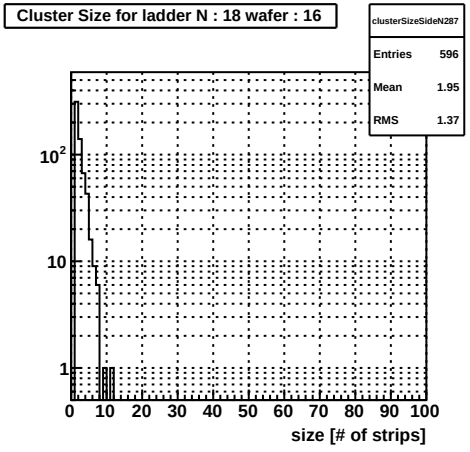

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 130
Mean 1.331
RMS 0.6838
size [# of strips]

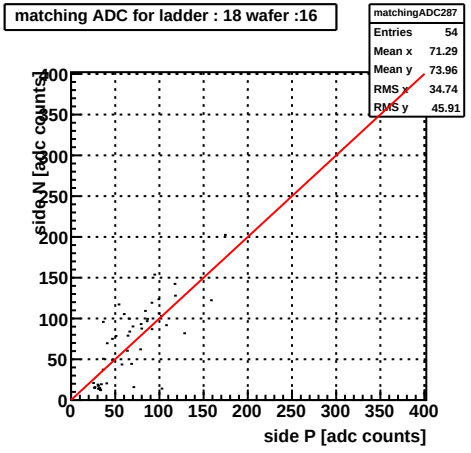

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 106
Mean x 121.2
Mean y 42.42
RMS x 74.97
RMS y 36.36
side N [adc counts]
side P [adc counts]

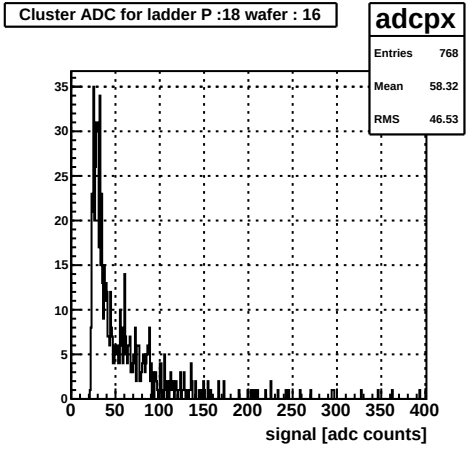

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 3675
Mean 44.75
RMS 40.62
signal [adc counts]

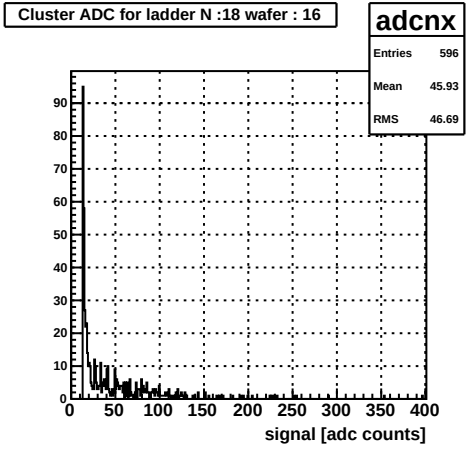

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 130
Mean 46.18
RMS 43.79
signal [adc counts]

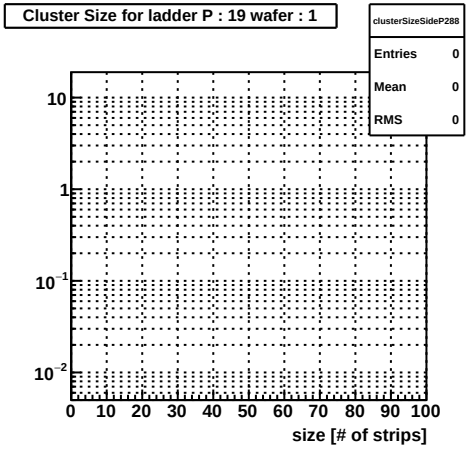

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 768
Mean 1.186
RMS 0.4765
size [# of strips]

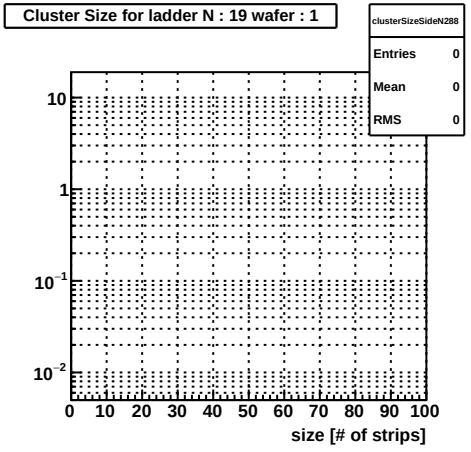

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 596
Mean 1.95
RMS 1.37
size [# of strips]

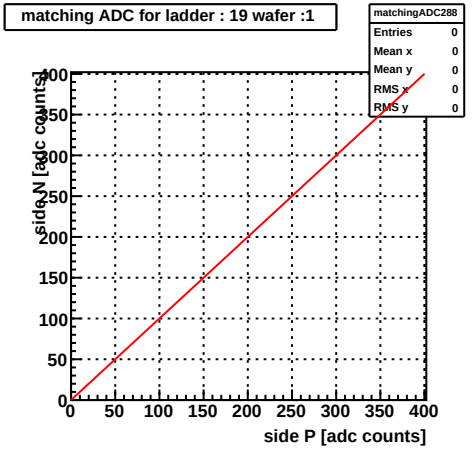

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 54
Mean x 71.29
Mean y 73.96
RMS x 34.74
RMS y 45.91
side N [adc counts]
side P [adc counts]

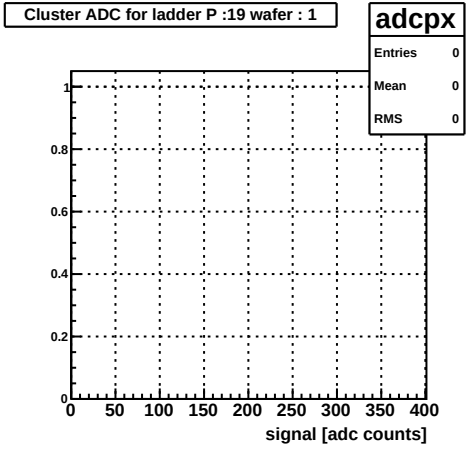

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 768
Mean 58.32
RMS 46.53
signal [adc counts]

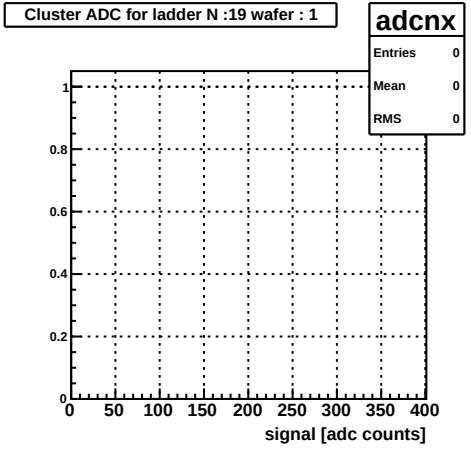

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 596
Mean 45.93
RMS 46.69
signal [adc counts]

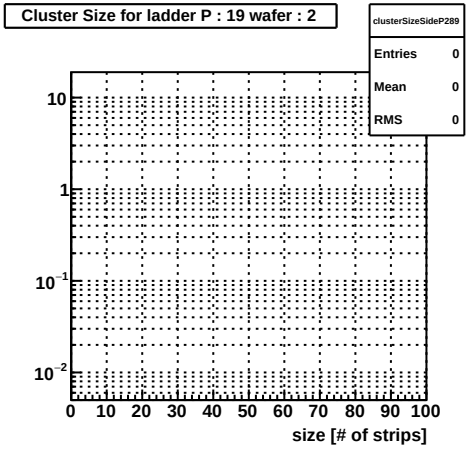

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

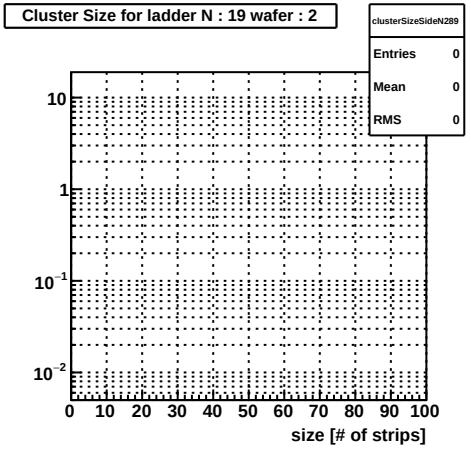

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

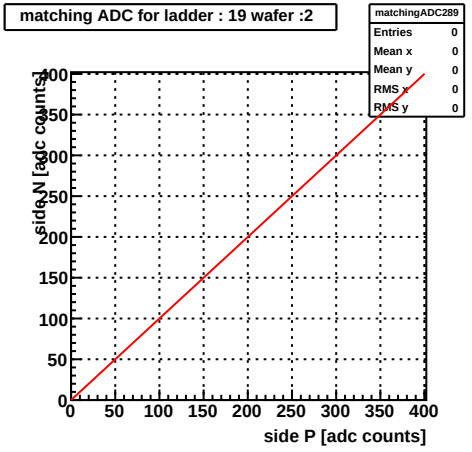

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

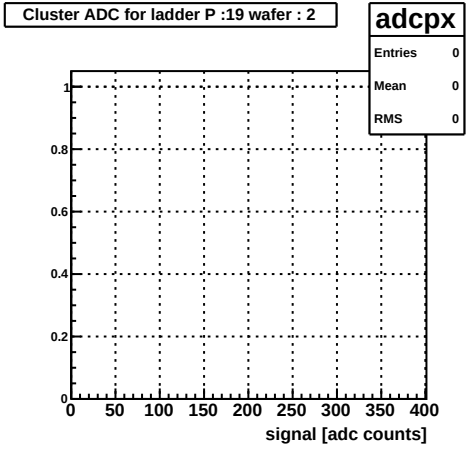

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

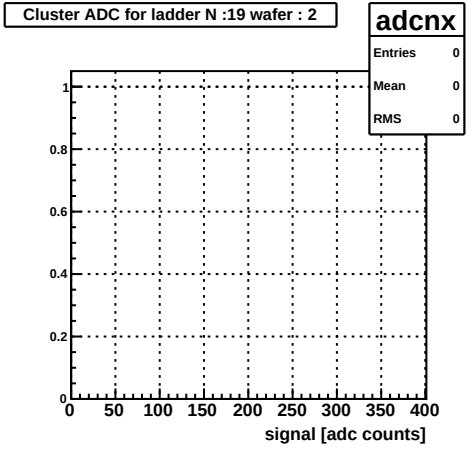

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

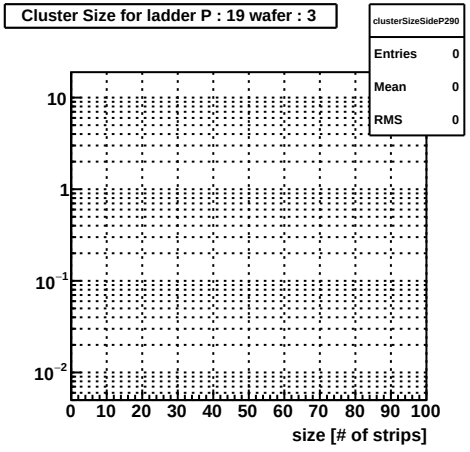

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

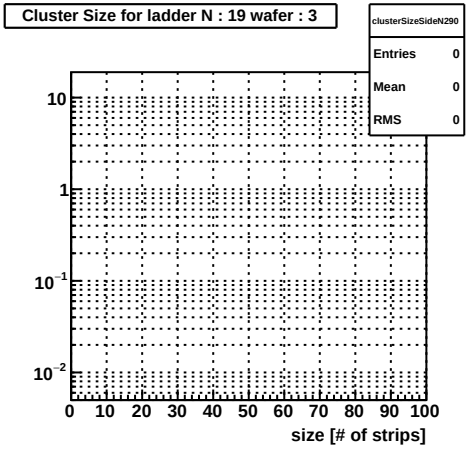

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

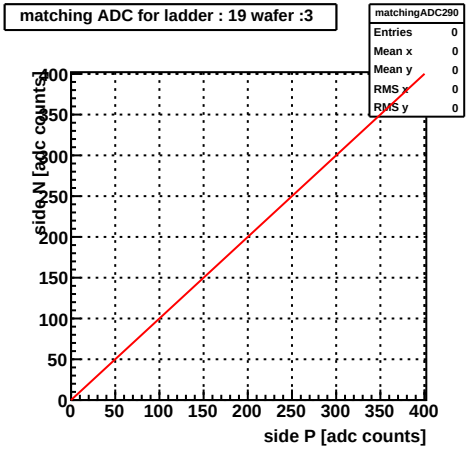

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

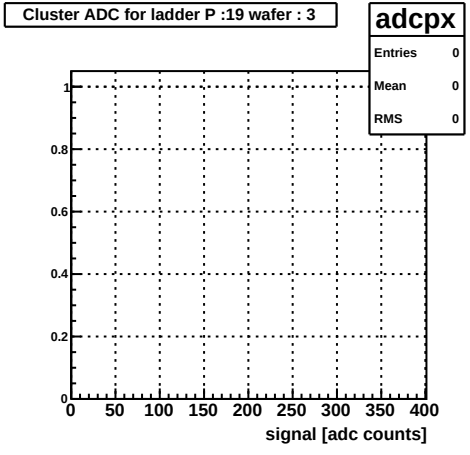

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

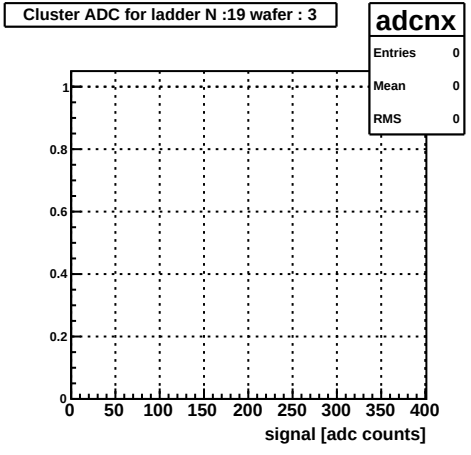

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

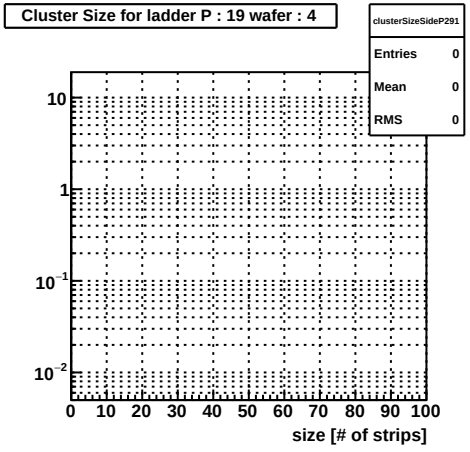

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

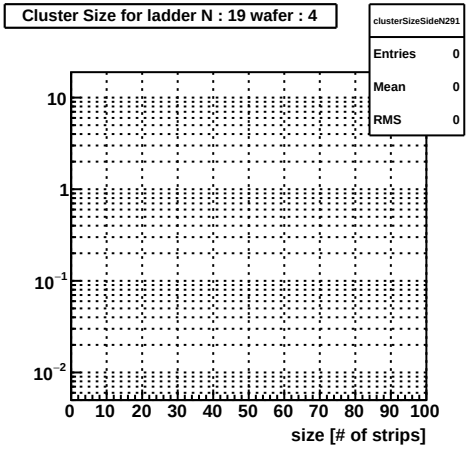

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

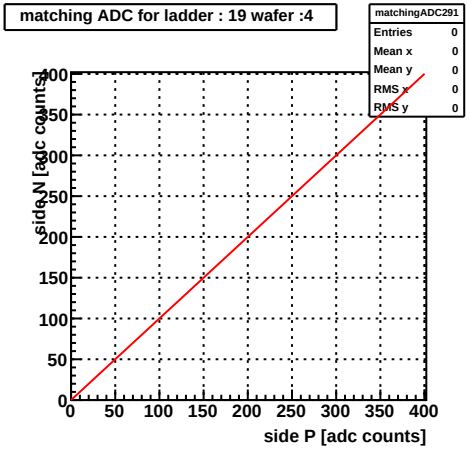

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

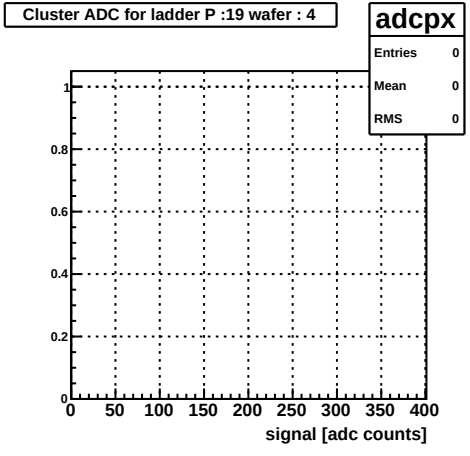

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

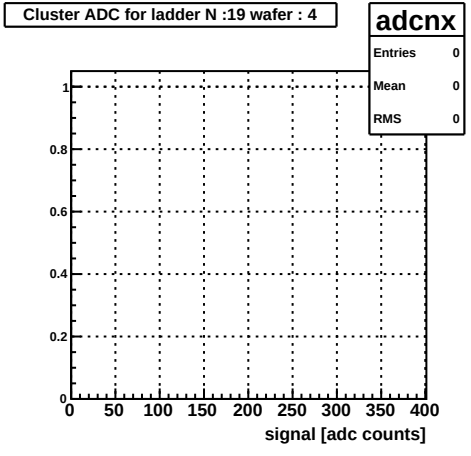

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

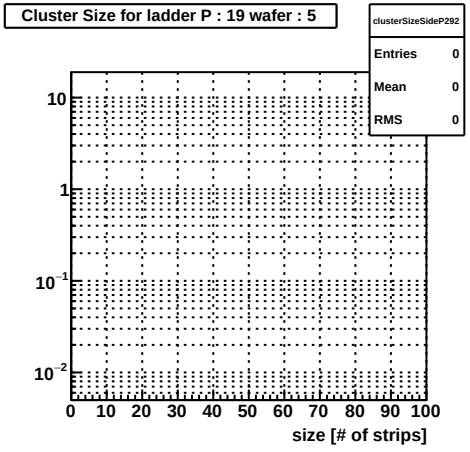

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

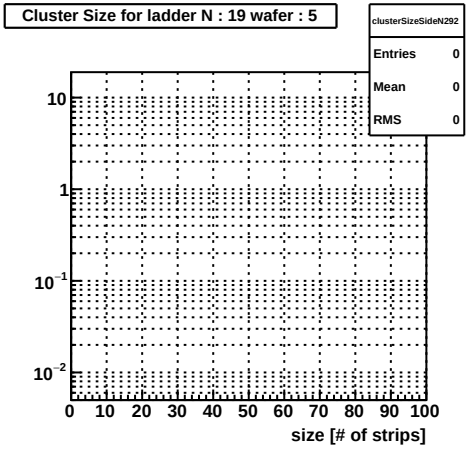

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

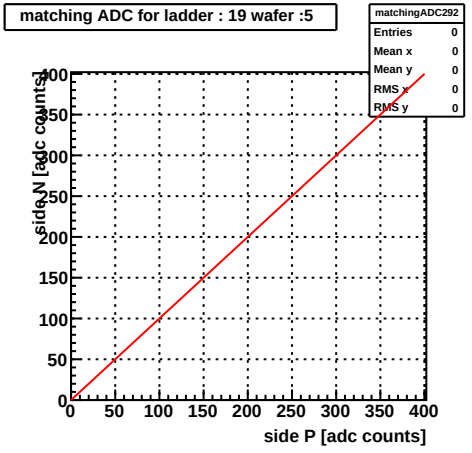

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

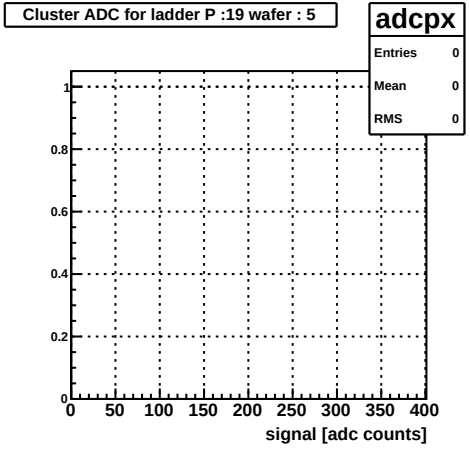

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

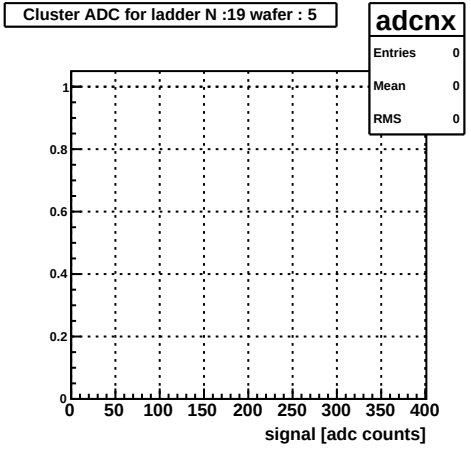

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

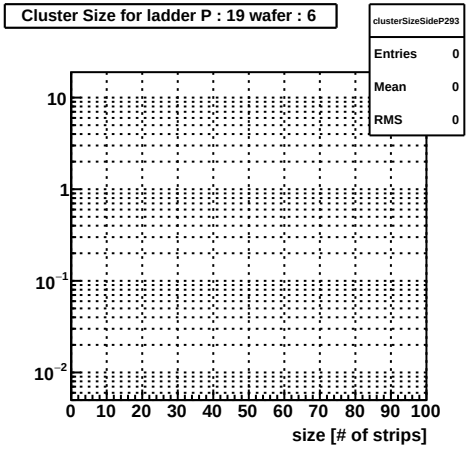

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

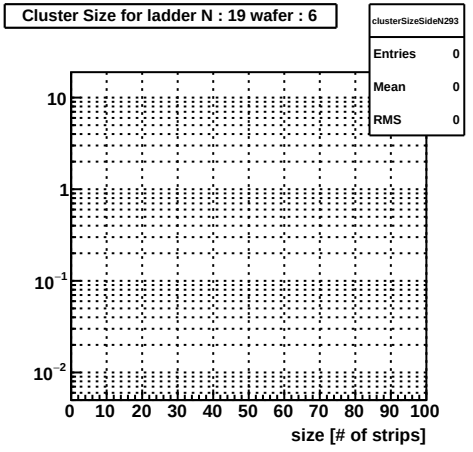

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

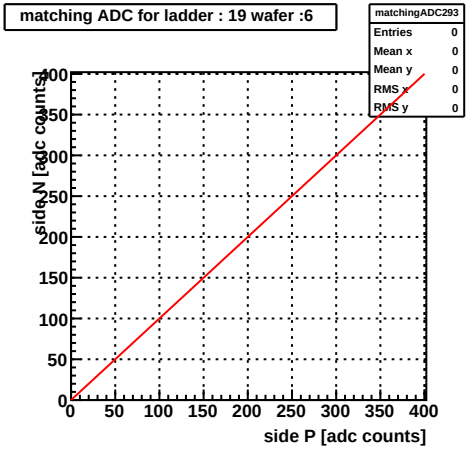

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

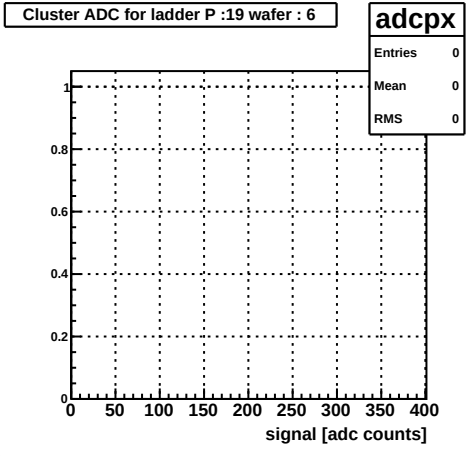

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

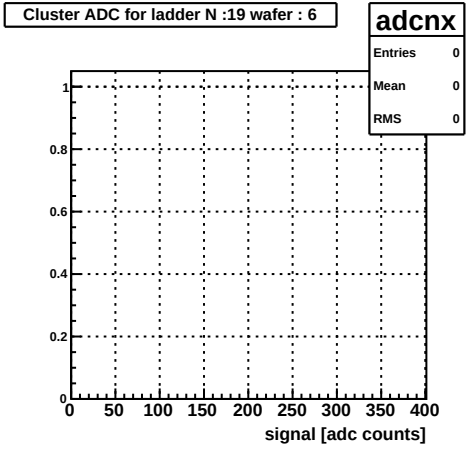

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

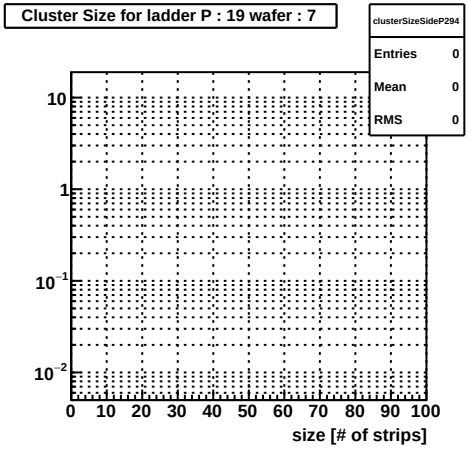

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

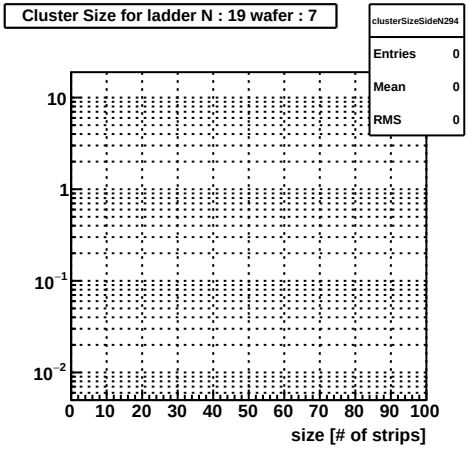

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

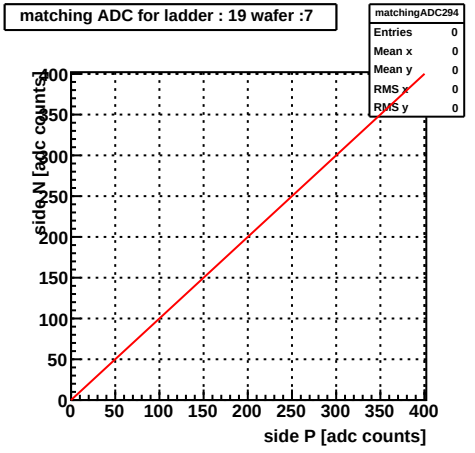

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

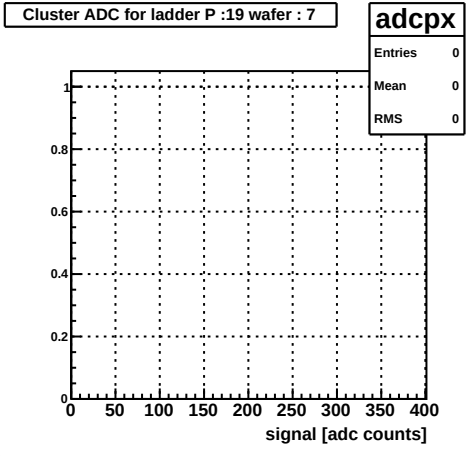

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

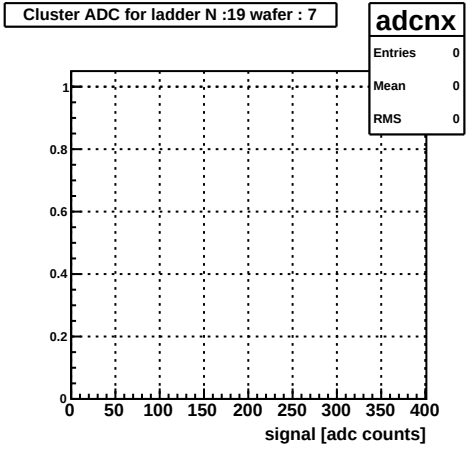

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

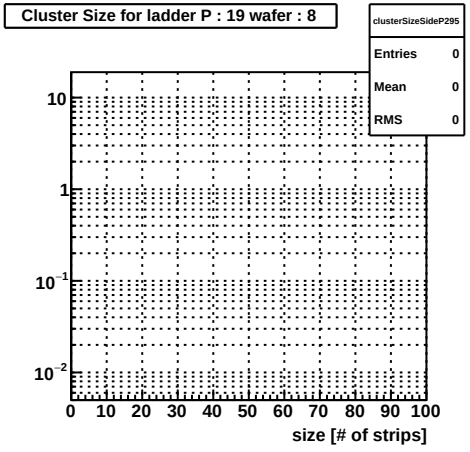

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

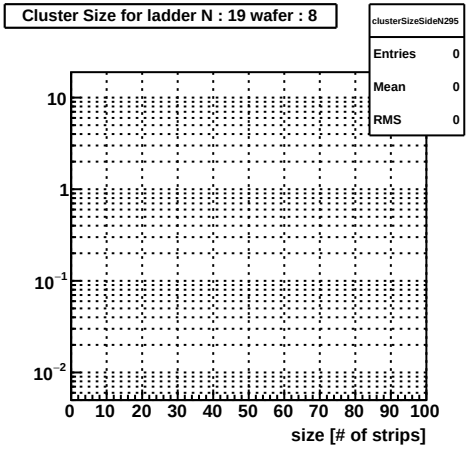

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

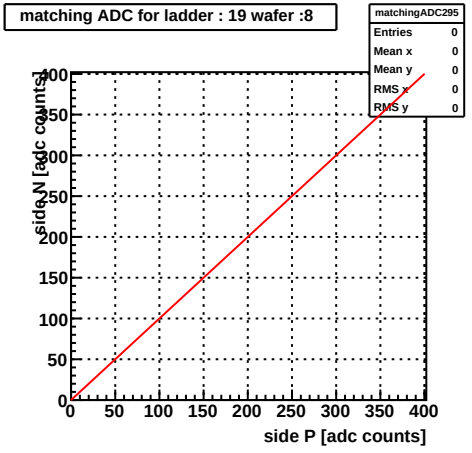

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

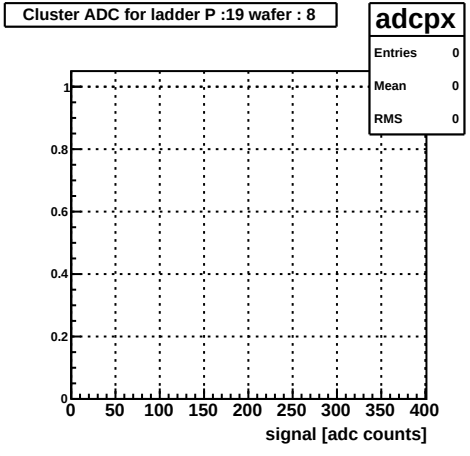

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

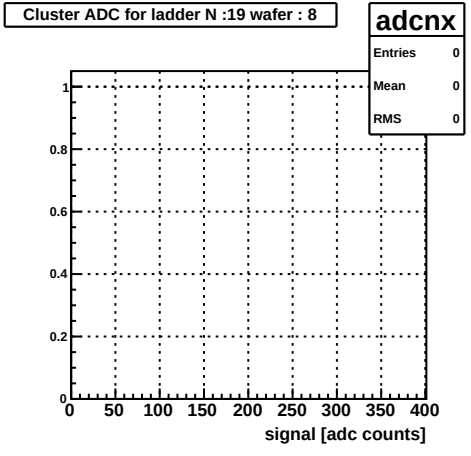

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

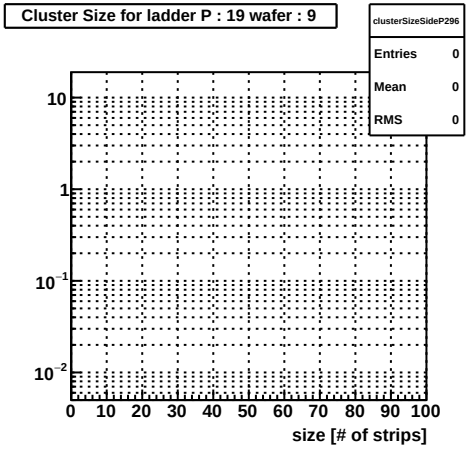

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

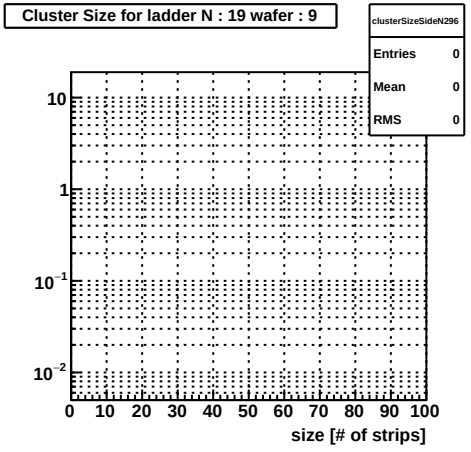

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

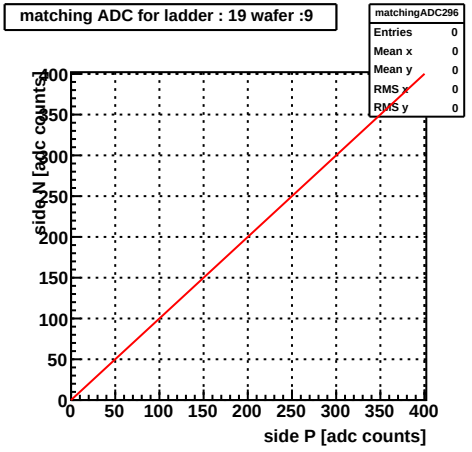

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

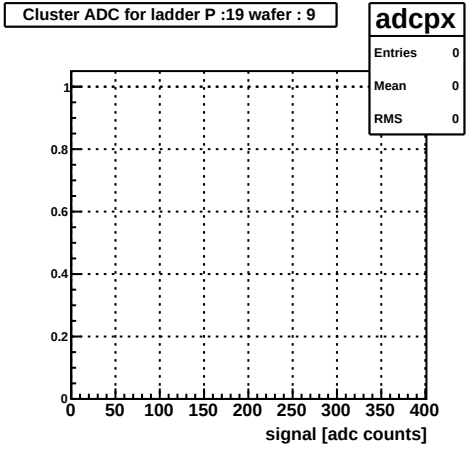

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

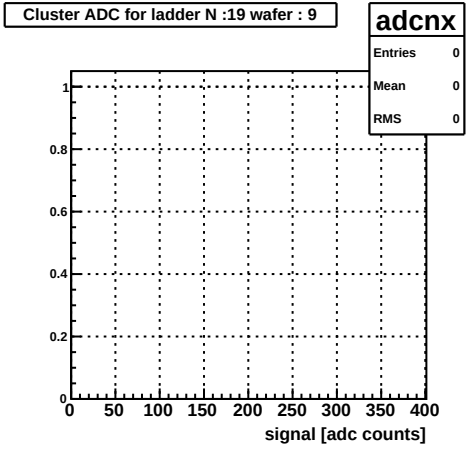

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

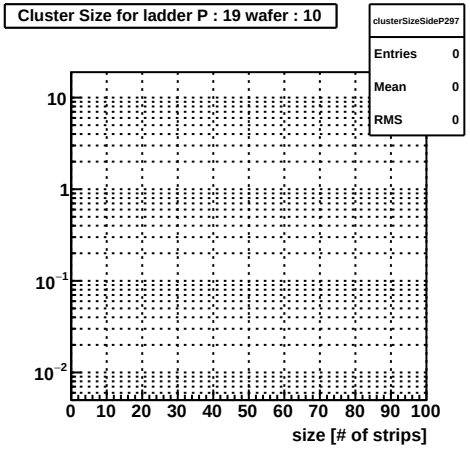

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

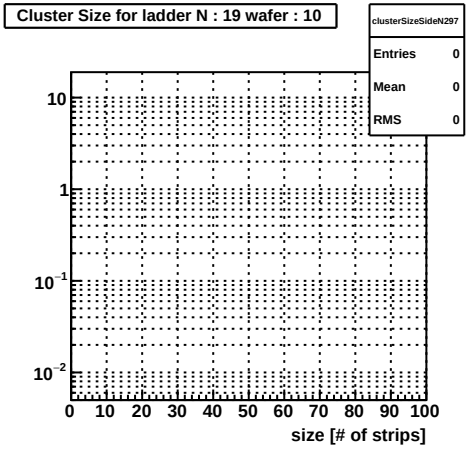

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

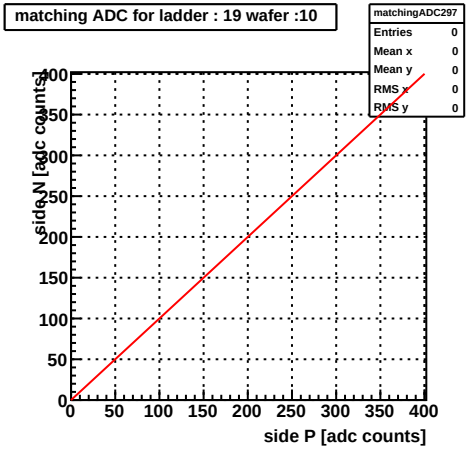

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

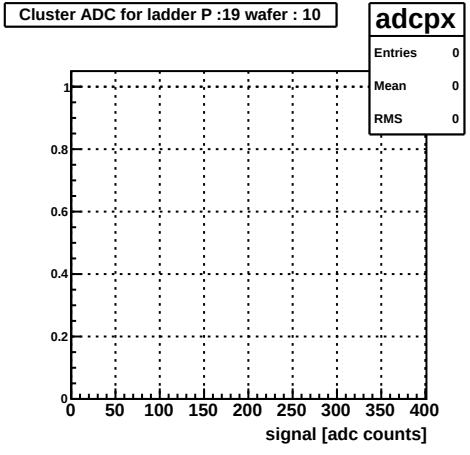

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

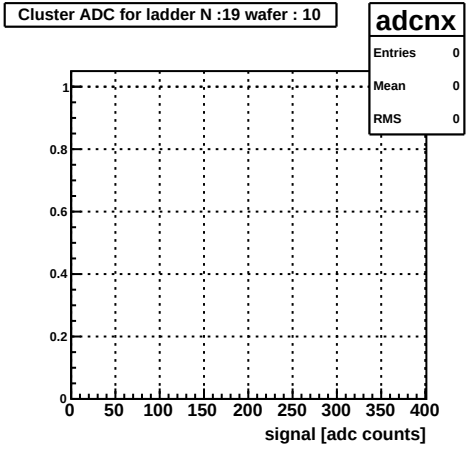

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

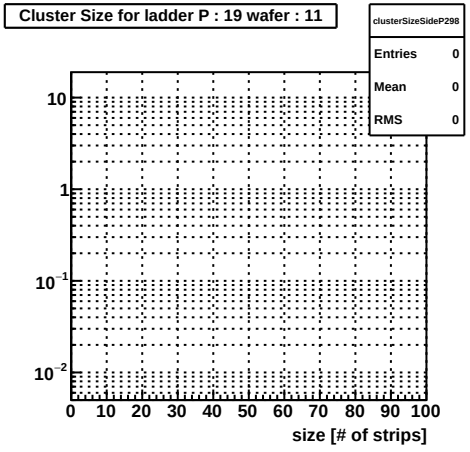

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

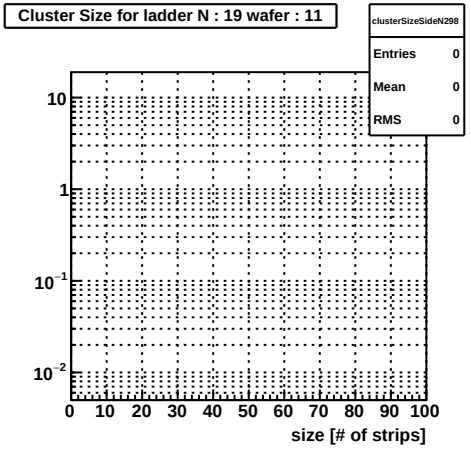

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

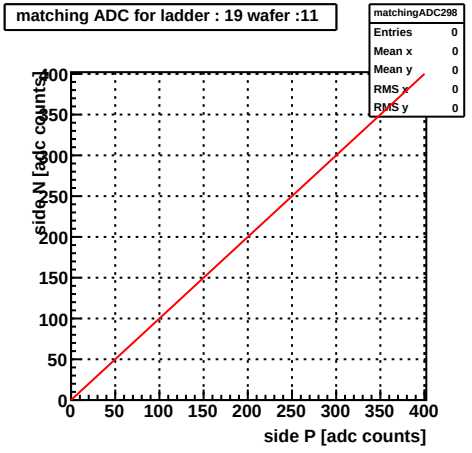

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

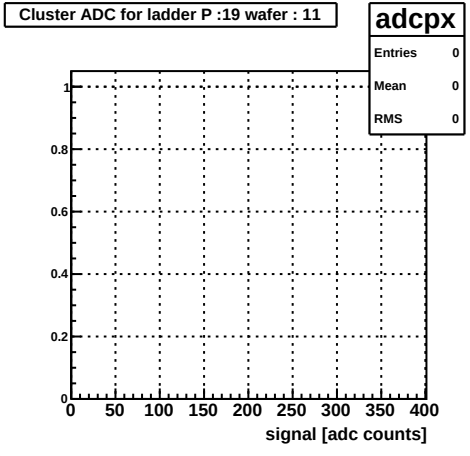

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

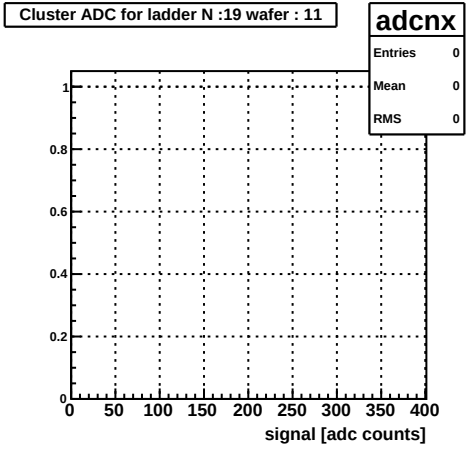

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

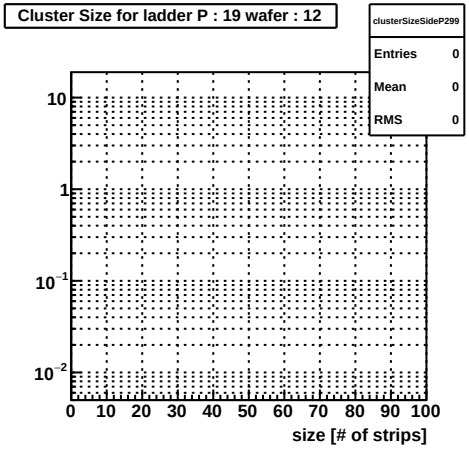

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

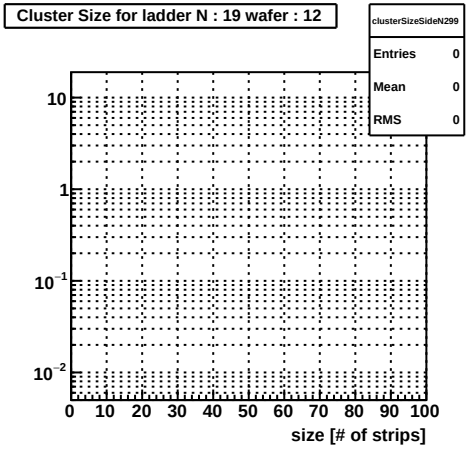

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

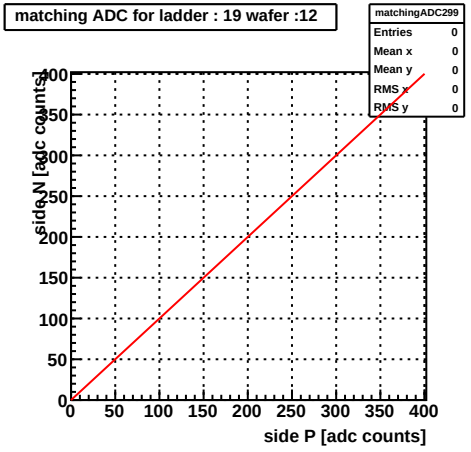

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

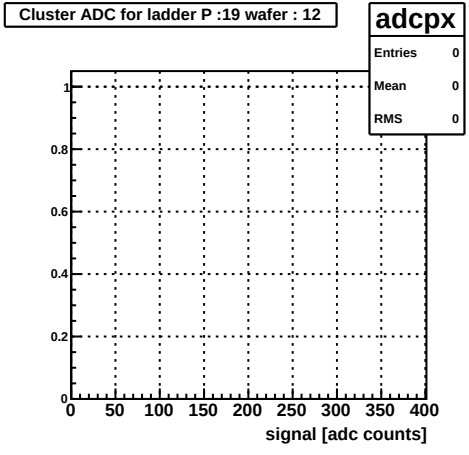

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

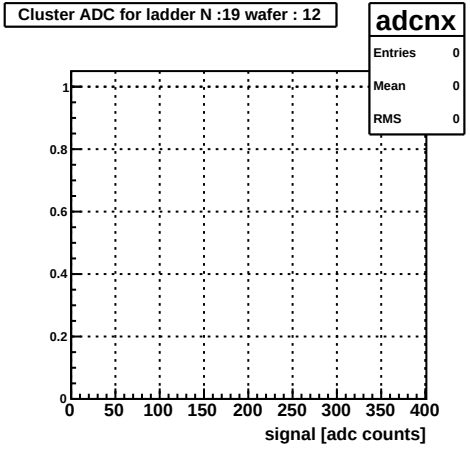

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

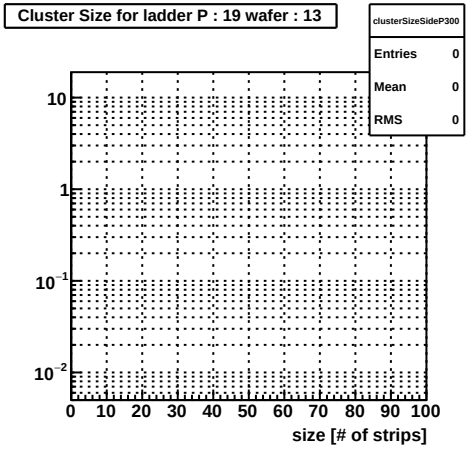

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

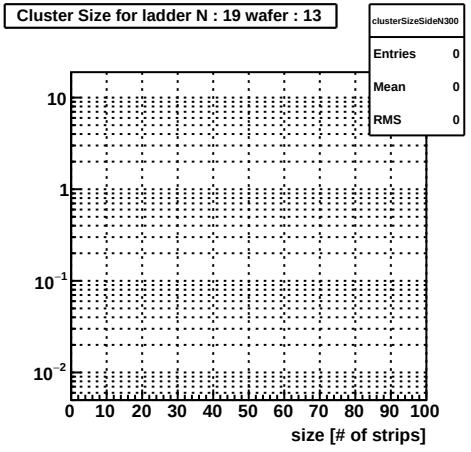

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

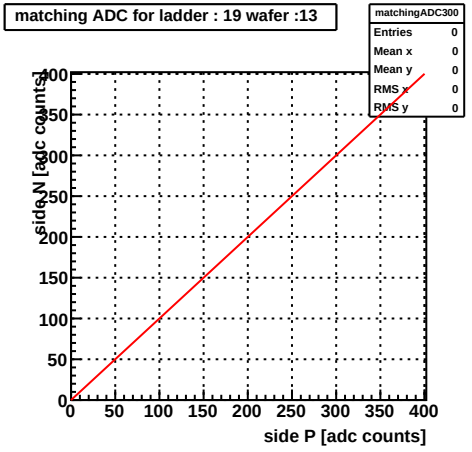

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

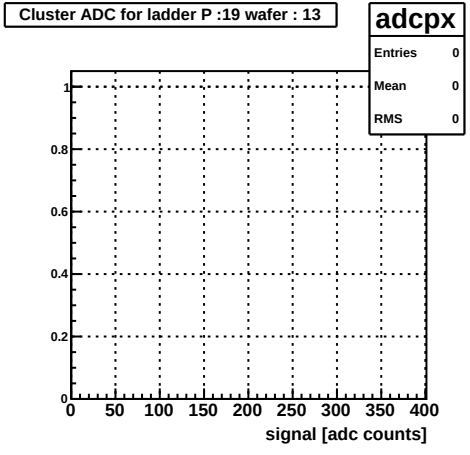

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

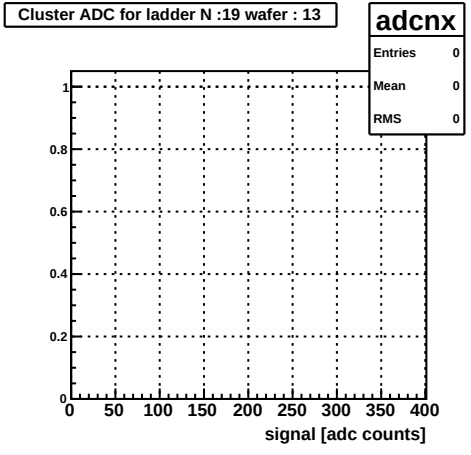

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

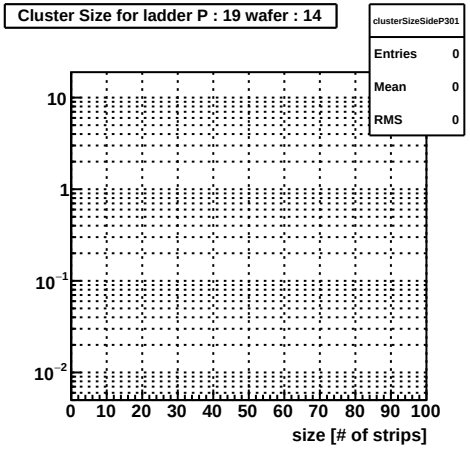

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

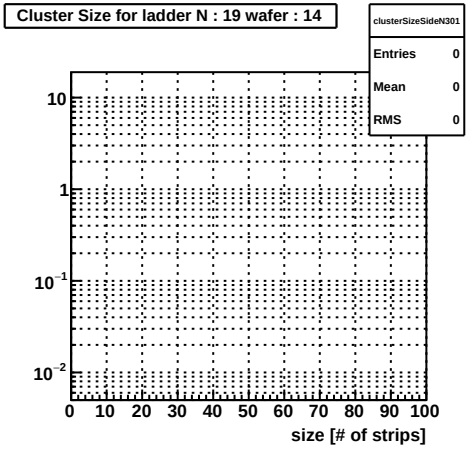

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

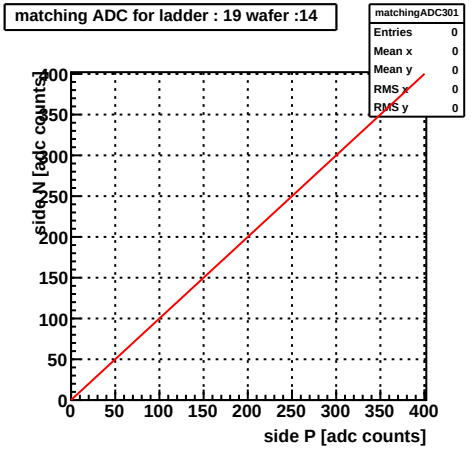

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

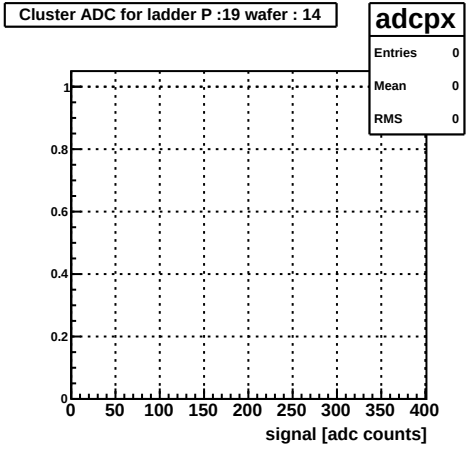

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

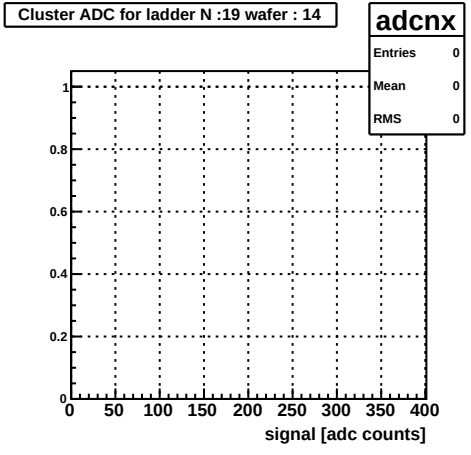

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

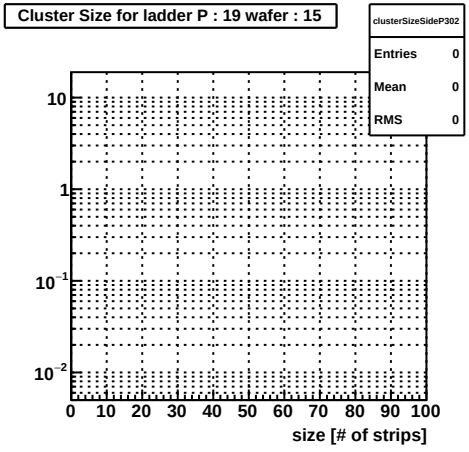

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

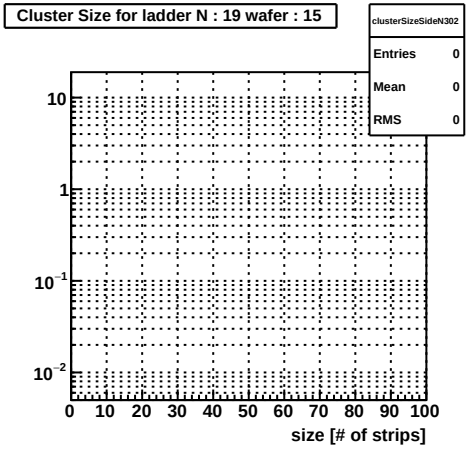

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

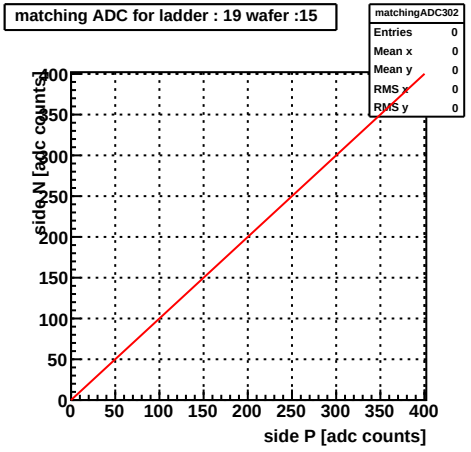

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

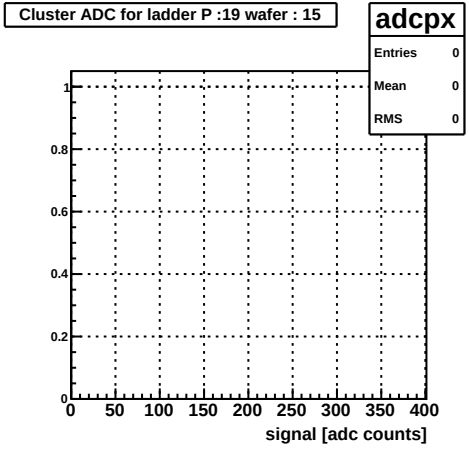

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

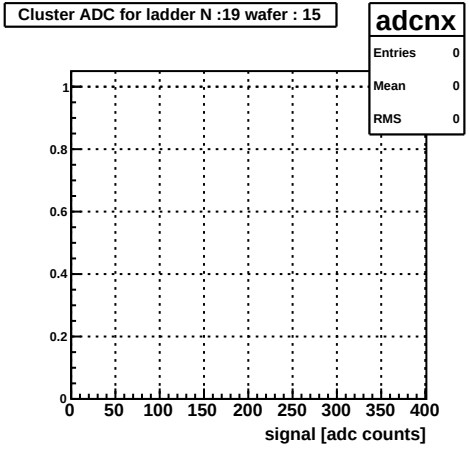

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

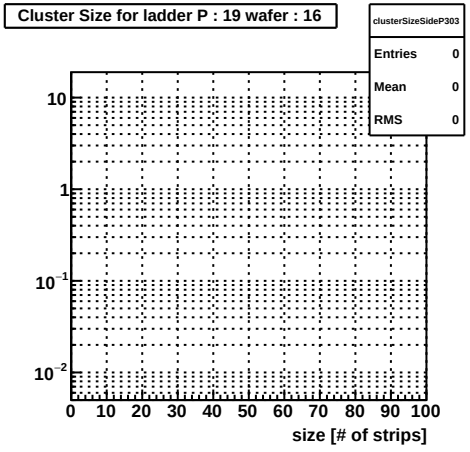

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

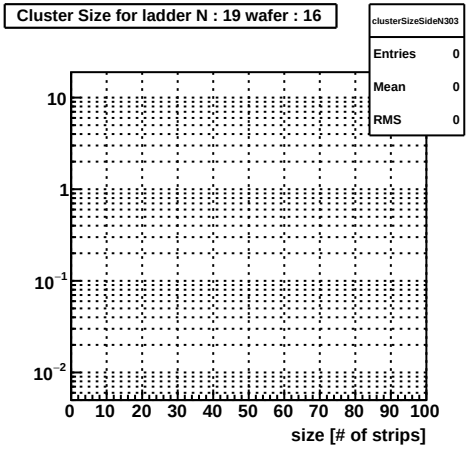

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

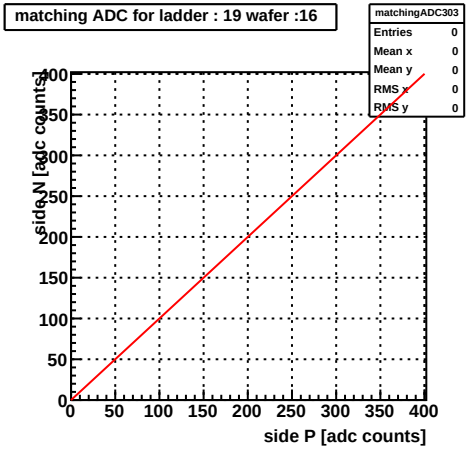

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

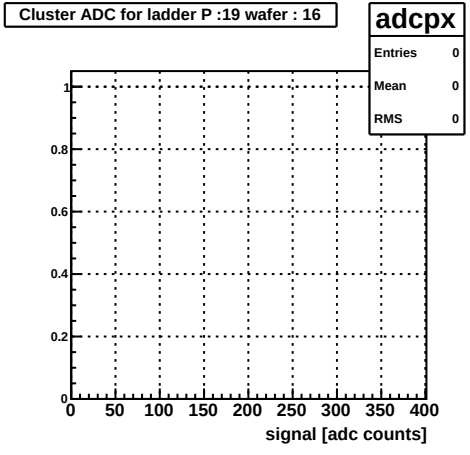

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

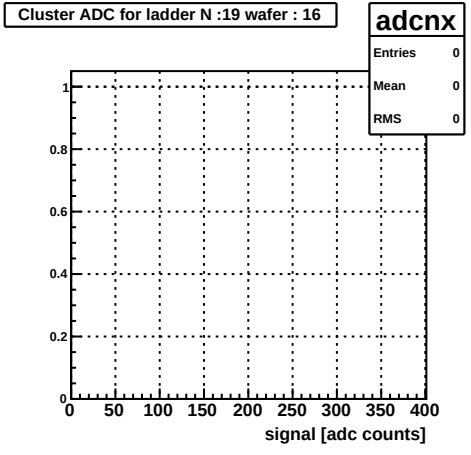

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

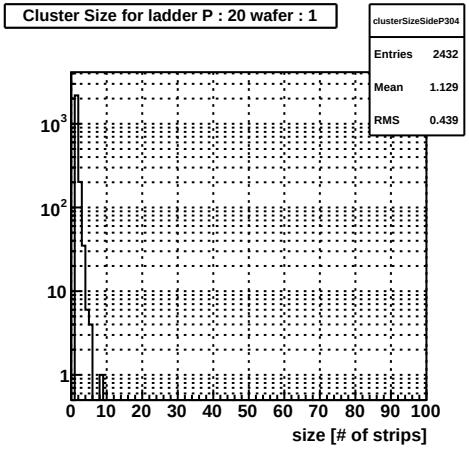

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

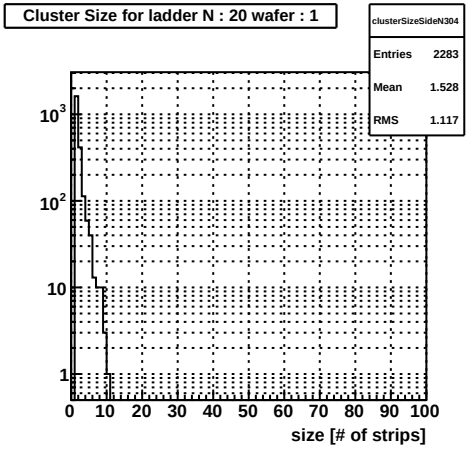

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

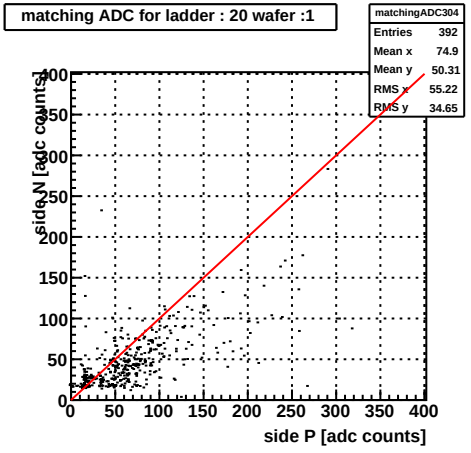

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

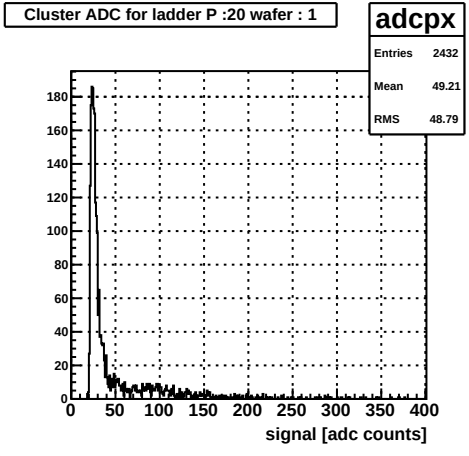

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

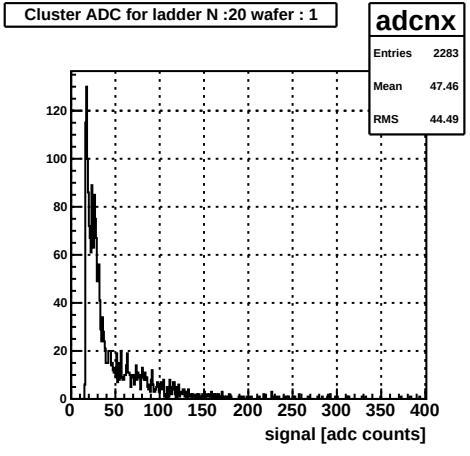

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

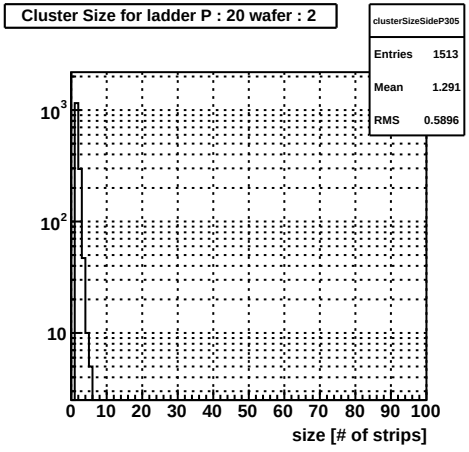

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 2432
Mean 1.129
RMS 0.439
size [# of strips]

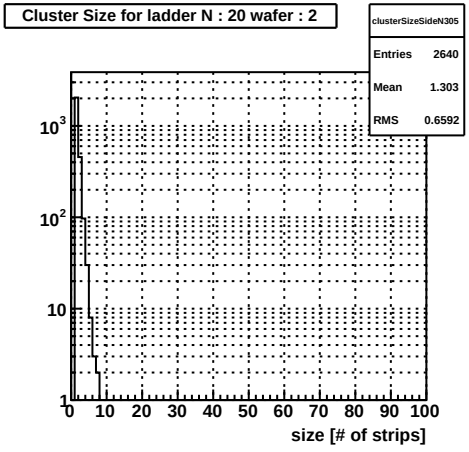

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2283
Mean 1.528
RMS 1.117
size [# of strips]

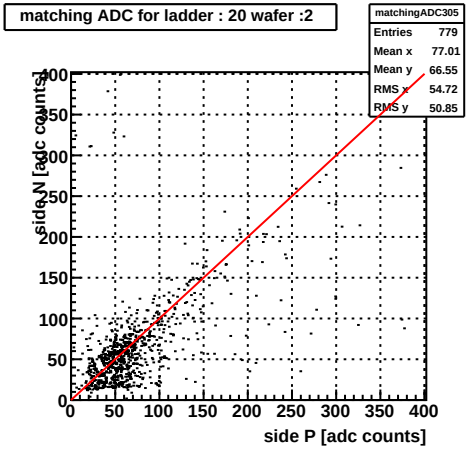

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 392
Mean x 74.9
Mean y 50.31
RMS x 55.22
RMS y 34.65
side N [adc counts]
side P [adc counts]

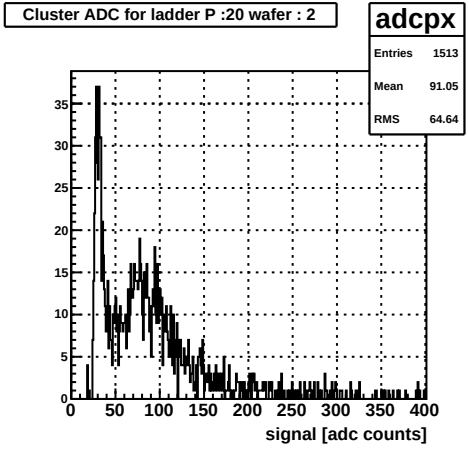

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 2432
Mean 49.21
RMS 48.79
signal [adc counts]

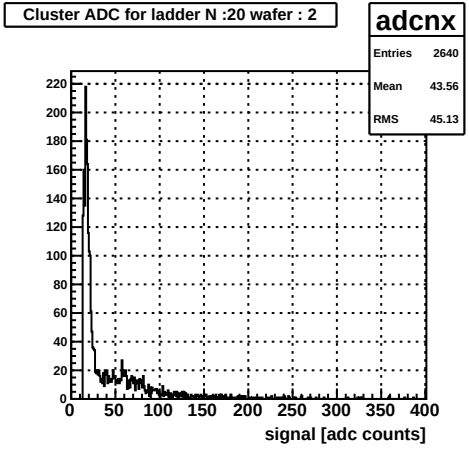

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2283
Mean 47.46
RMS 44.49
signal [adc counts]

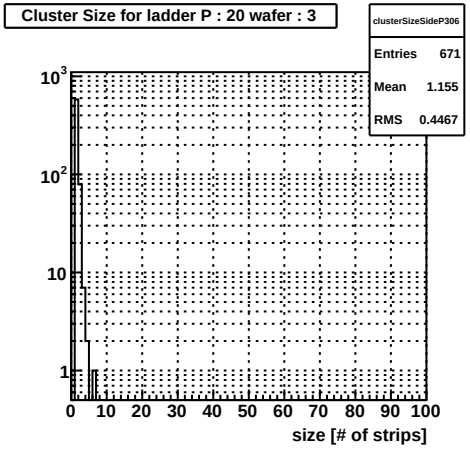

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1513
Mean 1.291
RMS 0.5896
size [# of strips]

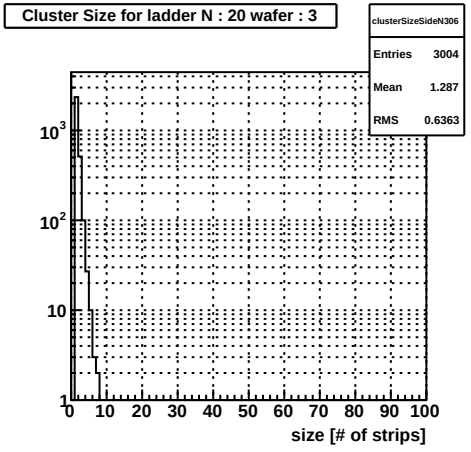

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2640
Mean 1.303
RMS 0.6592
size [# of strips]

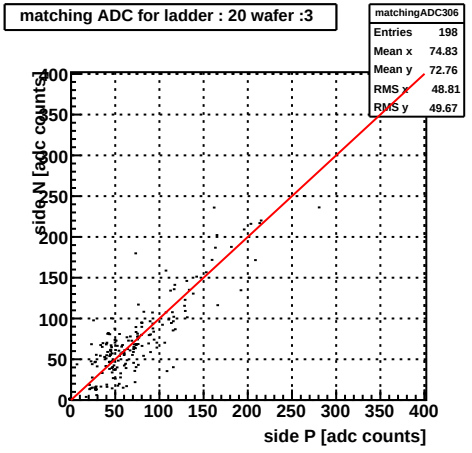

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 779
Mean x 77.01
Mean y 66.55
RMS x 54.72
RMS y 50.85
side N [adc counts]
side P [adc counts]

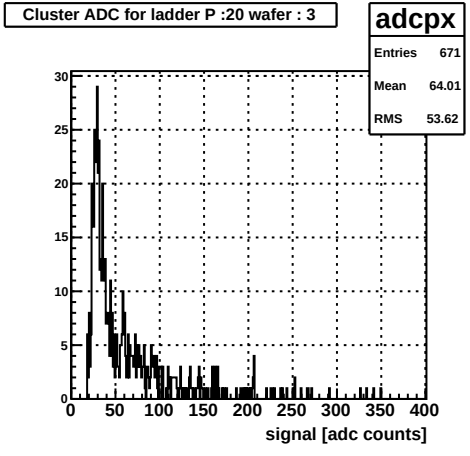

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1513
Mean 91.05
RMS 64.64
signal [adc counts]

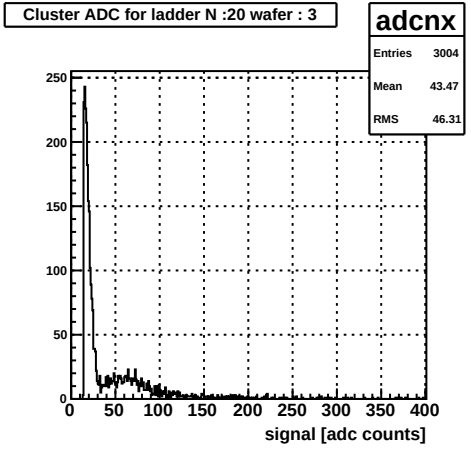

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2640
Mean 43.56
RMS 45.13
signal [adc counts]

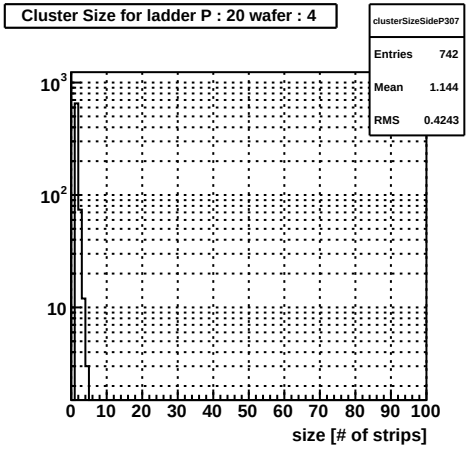

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 671
Mean 1.155
RMS 0.4467
size [# of strips]

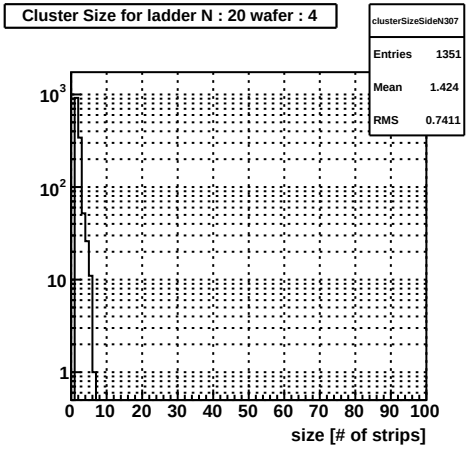

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3004
Mean 1.287
RMS 0.6363
size [# of strips]

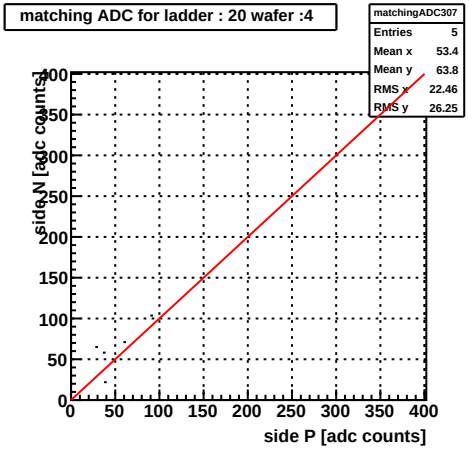

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 198
Mean x 74.83
Mean y 72.76
RMS x 48.81
RMS y 49.67
side N [adc counts]
side P [adc counts]

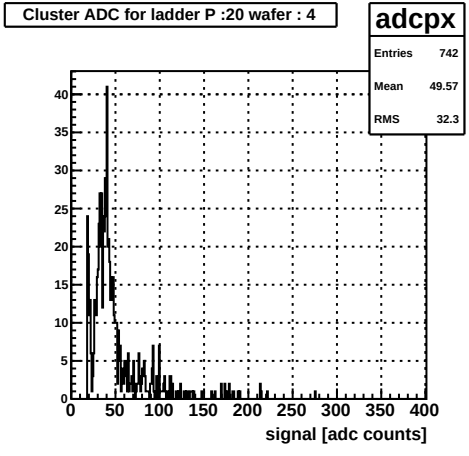

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 671
Mean 64.01
RMS 53.62
signal [adc counts]

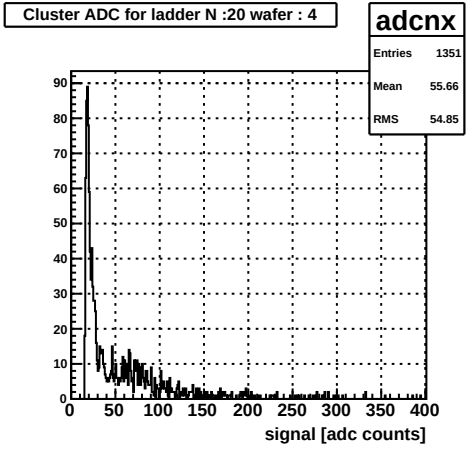

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3004
Mean 43.47
RMS 46.31
signal [adc counts]

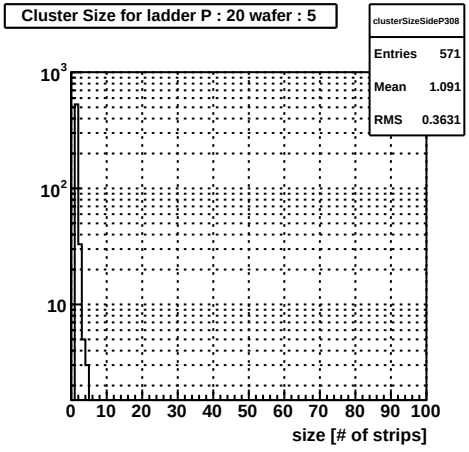

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 742
Mean 1.144
RMS 0.4243
size [# of strips]

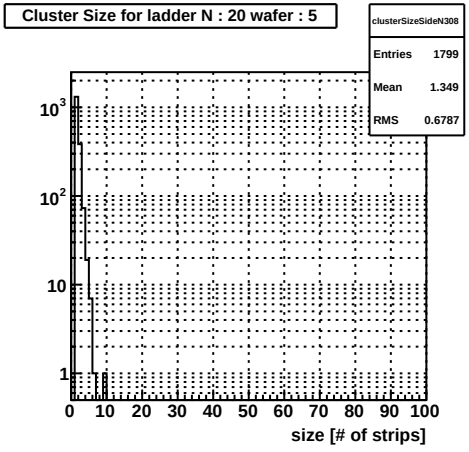

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1351
Mean 1.424
RMS 0.7411
size [# of strips]

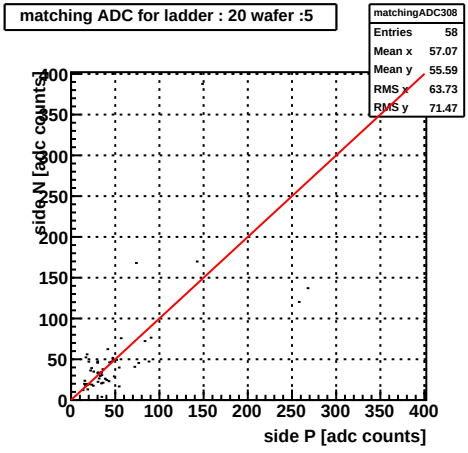

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 5
Mean x 53.4
Mean y 63.8
RMS x 22.46
RMS y 26.25
side N [adc counts]
side P [adc counts]

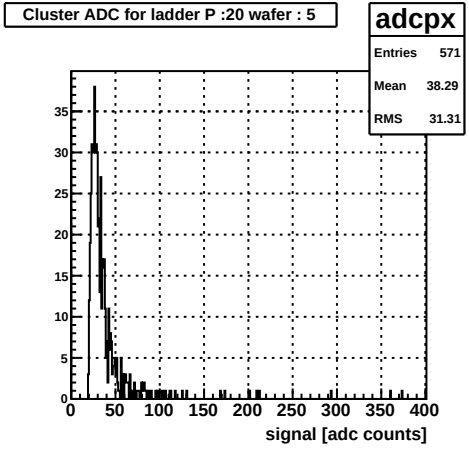

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 742
Mean 49.57
RMS 32.3
signal [adc counts]

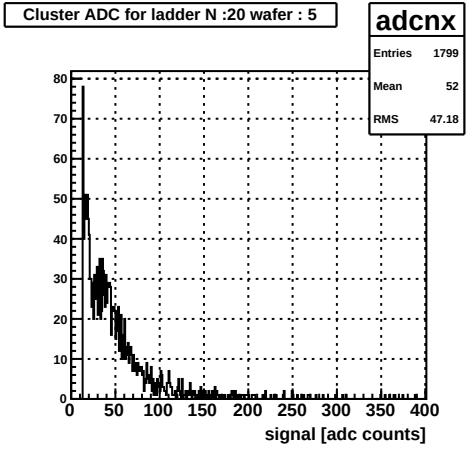

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1351
Mean 55.66
RMS 54.85
signal [adc counts]

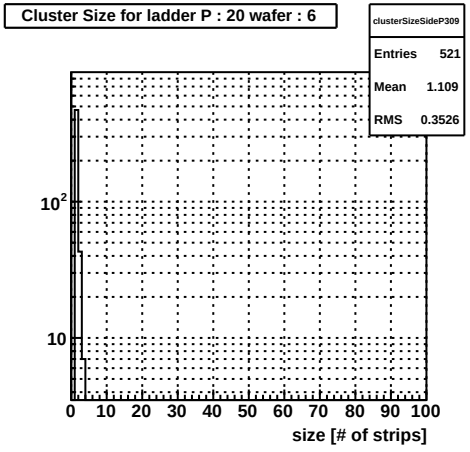

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 571
Mean 1.091
RMS 0.3631
size [# of strips]

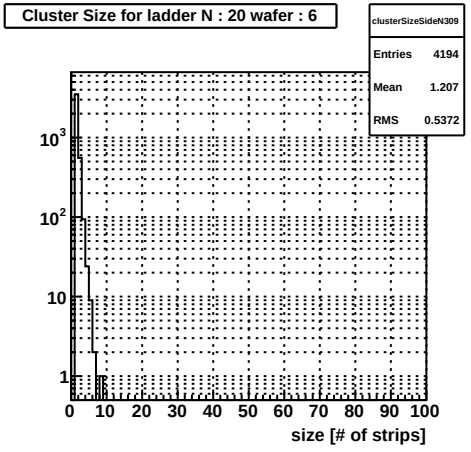

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1799
Mean 1.349
RMS 0.6787
size [# of strips]

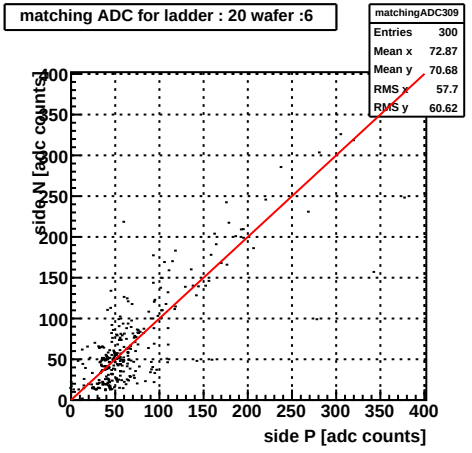

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 58
Mean x 57.07
Mean y 55.59
RMS x 63.73
RMS y 71.47
side N [adc counts]
side P [adc counts]

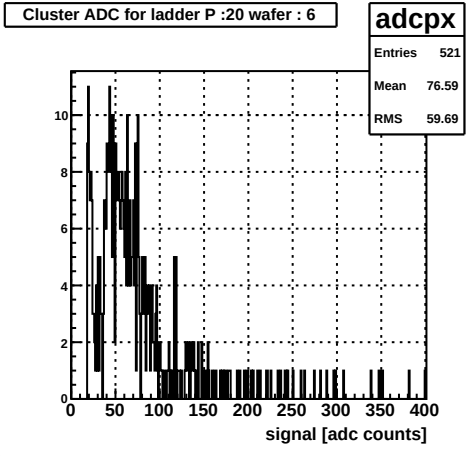

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 571
Mean 38.29
RMS 31.31
signal [adc counts]

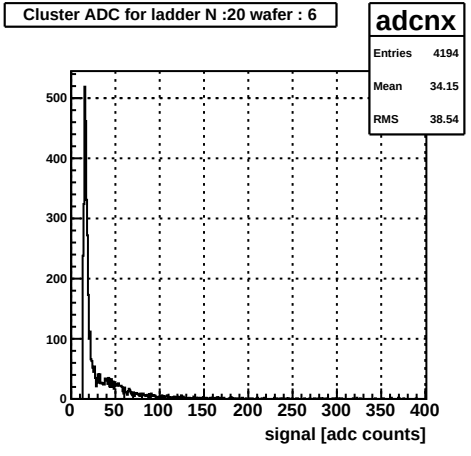

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1799
Mean 52
RMS 47.18
signal [adc counts]

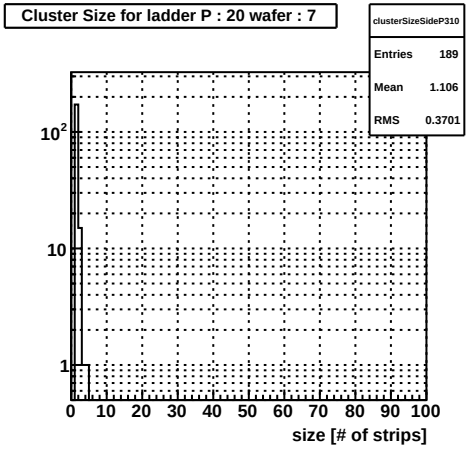

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 521
Mean 1.109
RMS 0.3526
size [# of strips]

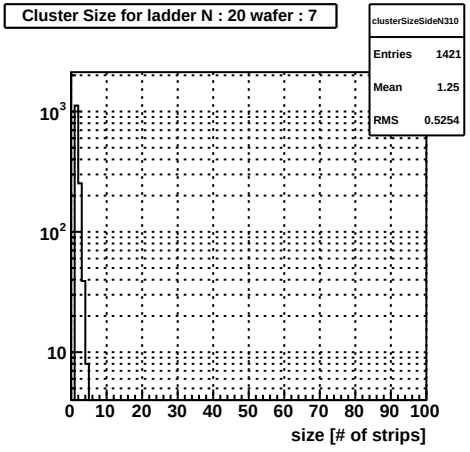

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 4194
Mean 1.207
RMS 0.5372
size [# of strips]

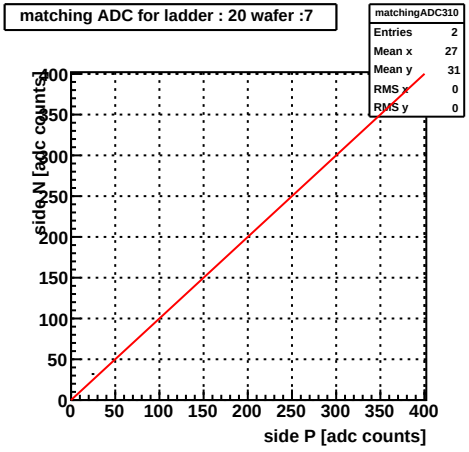

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 300
Mean x 72.87
Mean y 70.68
RMS x 57.7
RMS y 60.62
side N [adc counts]
side P [adc counts]

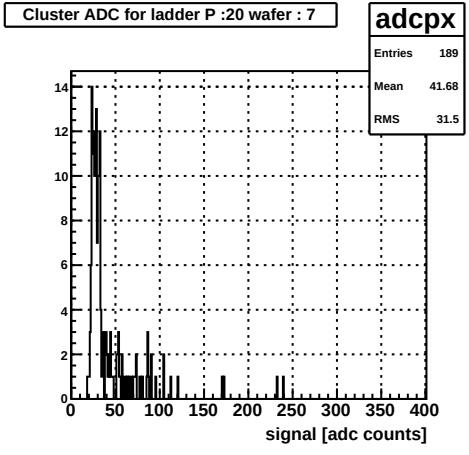

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 521
Mean 76.59
RMS 59.69
signal [adc counts]

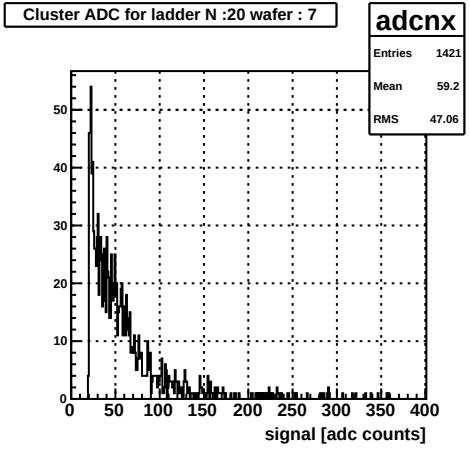

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 4194
Mean 34.15
RMS 38.54
signal [adc counts]

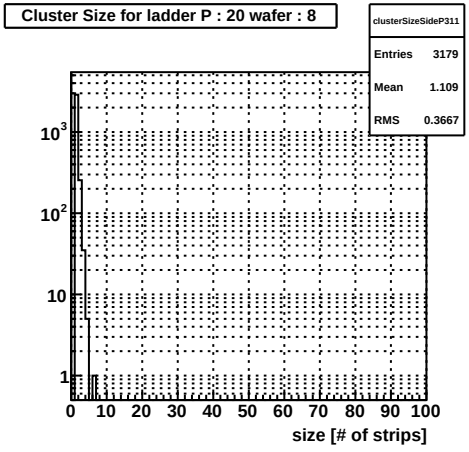

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 189
Mean 1.106
RMS 0.3701
size [# of strips]

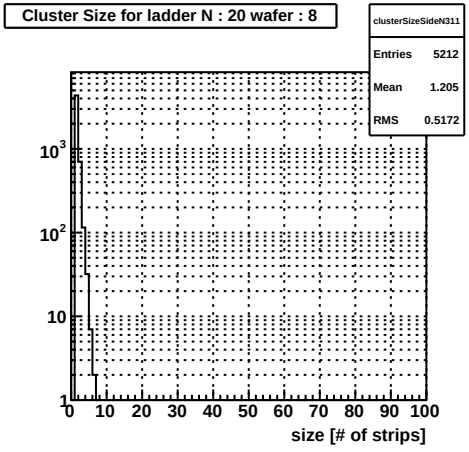

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1421
Mean 1.25
RMS 0.5254
size [# of strips]

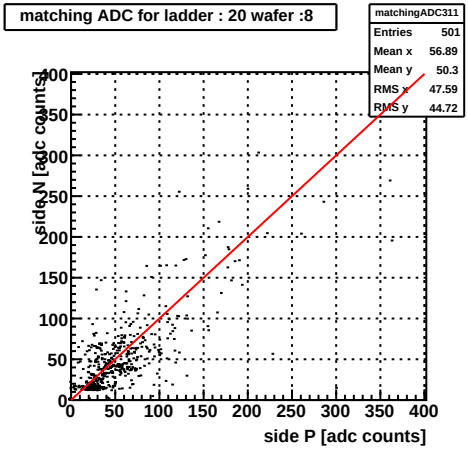

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 2
Mean x 27
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

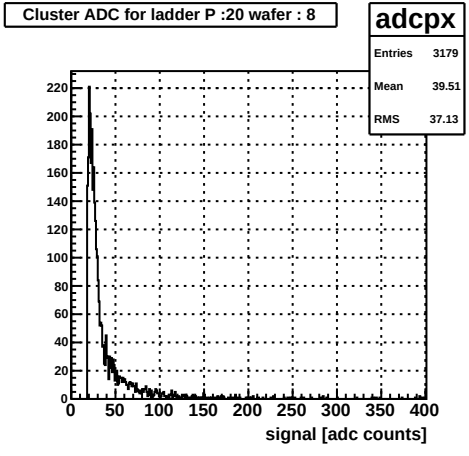

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 189
Mean 41.68
RMS 31.5
signal [adc counts]

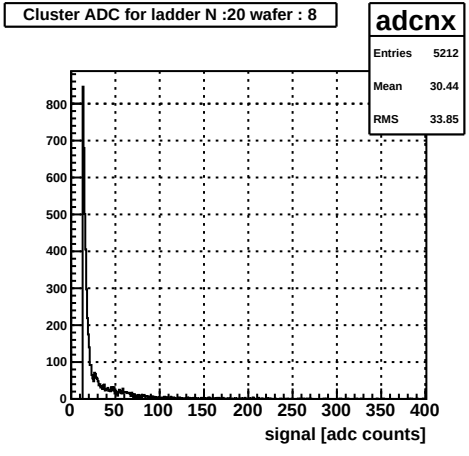

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1421
Mean 59.2
RMS 47.06
signal [adc counts]

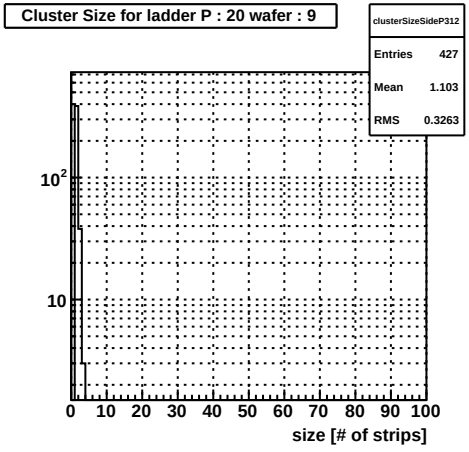

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 3179
Mean 1.109
RMS 0.3667
size [# of strips]

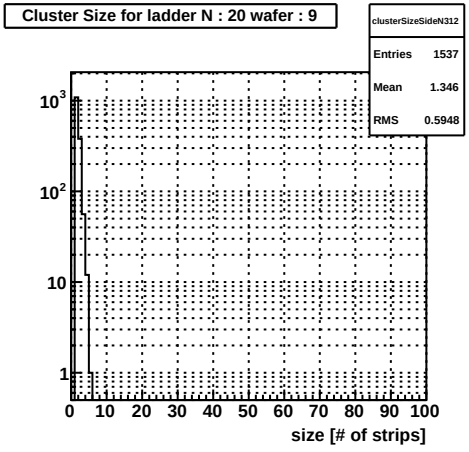

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 5212
Mean 1.205
RMS 0.5172
size [# of strips]

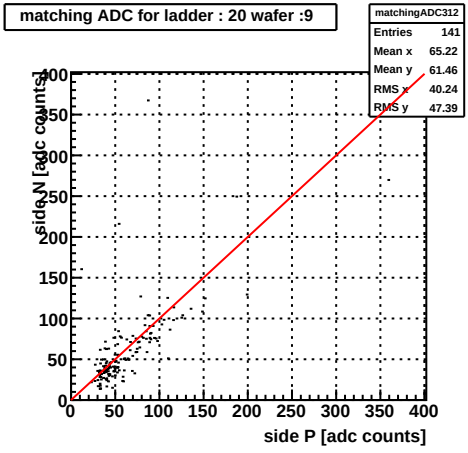

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 501
Mean x 56.89
Mean y 50.3
RMS x 47.59
RMS y 44.72
side N [adc counts]
side P [adc counts]

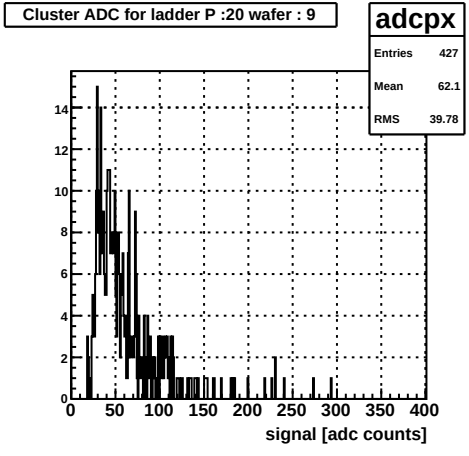

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 3179
Mean 39.51
RMS 37.13
signal [adc counts]

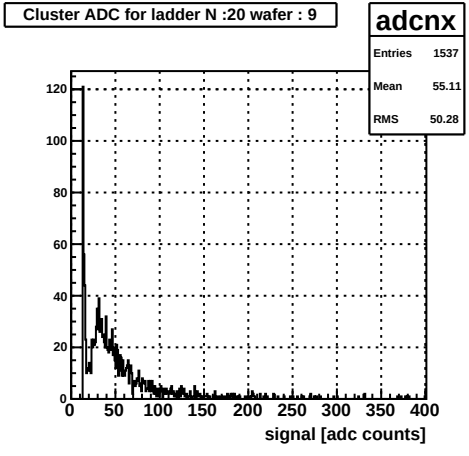

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 5212
Mean 30.44
RMS 33.85
signal [adc counts]

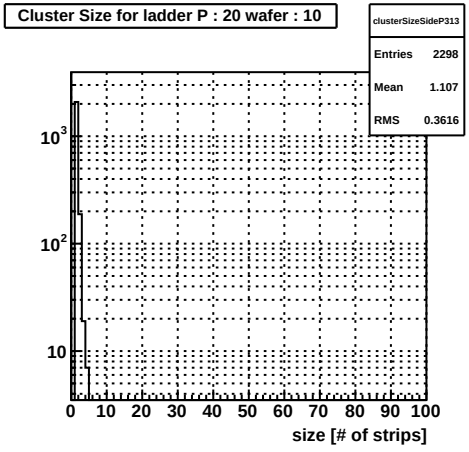

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 427
Mean 1.103
RMS 0.3263
size [# of strips]

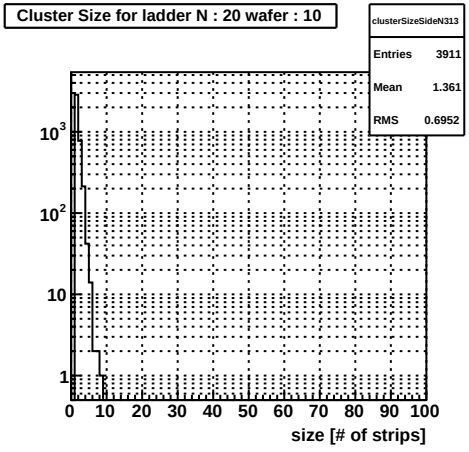

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1537
Mean 1.346
RMS 0.5948
size [# of strips]

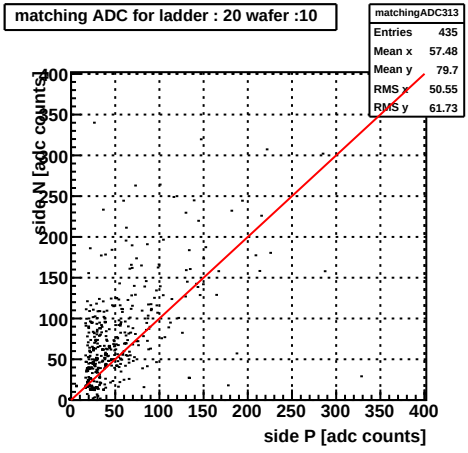

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 141
Mean x 65.22
Mean y 61.46
RMS x 40.24
RMS y 47.39
side N [adc counts]
side P [adc counts]

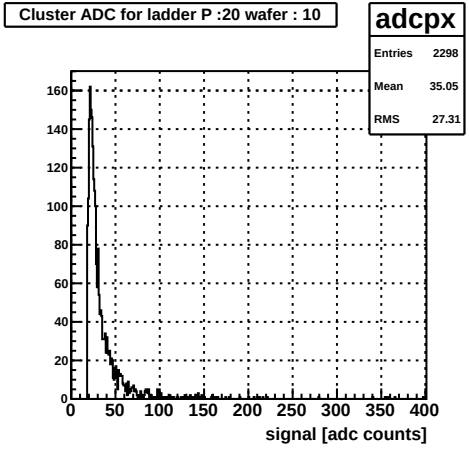

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 427
Mean 62.1
RMS 39.78
signal [adc counts]

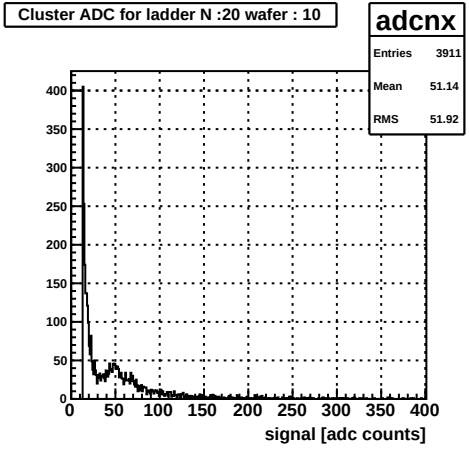

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1537
Mean 55.11
RMS 50.28
signal [adc counts]

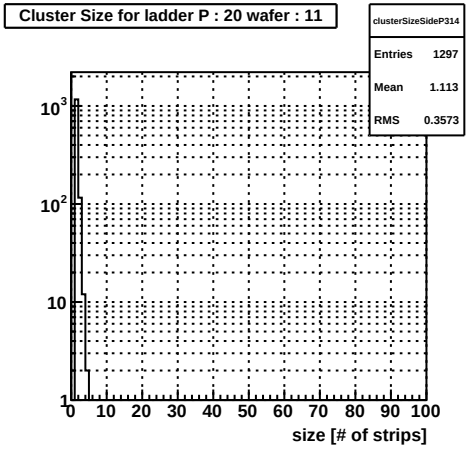

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 2298
Mean 1.107
RMS 0.3616
size [# of strips]

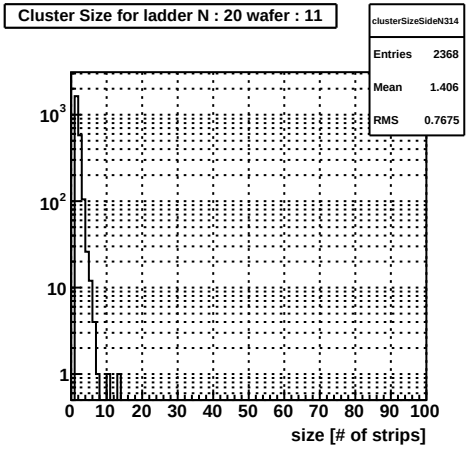

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3911
Mean 1.361
RMS 0.6952
size [# of strips]

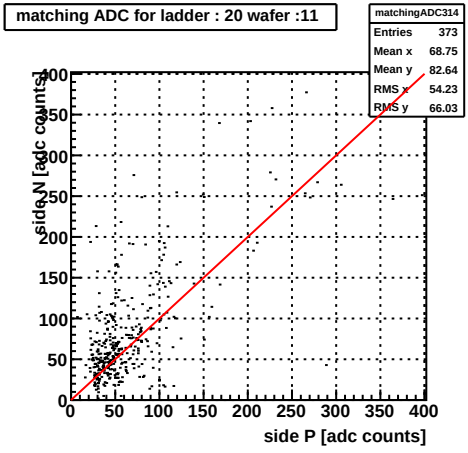

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 435
Mean x 57.48
Mean y 79.7
RMS x 50.55
RMS y 61.73
side N [adc counts]
side P [adc counts]

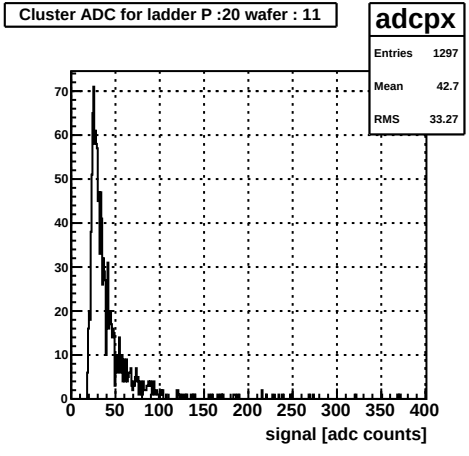

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 2298
Mean 35.05
RMS 27.31
signal [adc counts]

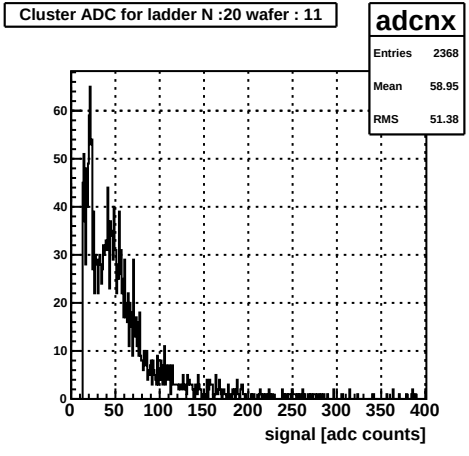

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3911
Mean 51.14
RMS 51.92
signal [adc counts]

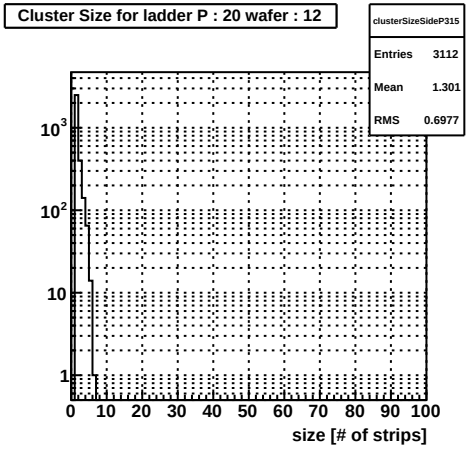

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 1297
Mean 1.113
RMS 0.3573
size [# of strips]

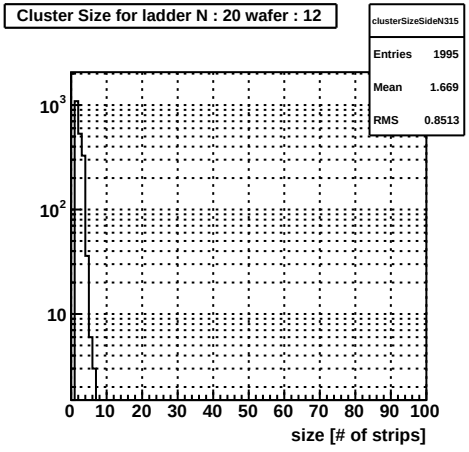

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2368
Mean 1.406
RMS 0.7675
size [# of strips]

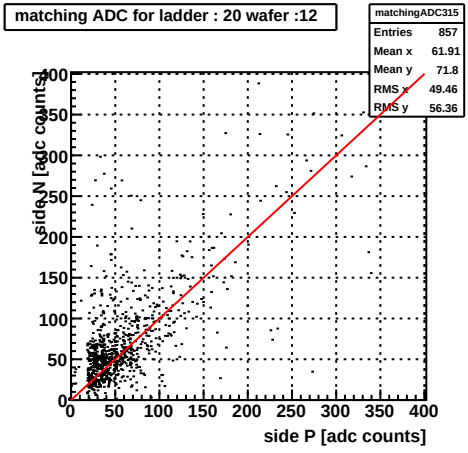

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 373
Mean x 68.75
Mean y 82.64
RMS x 54.23
RMS y 66.03
side N [adc counts]
side P [adc counts]

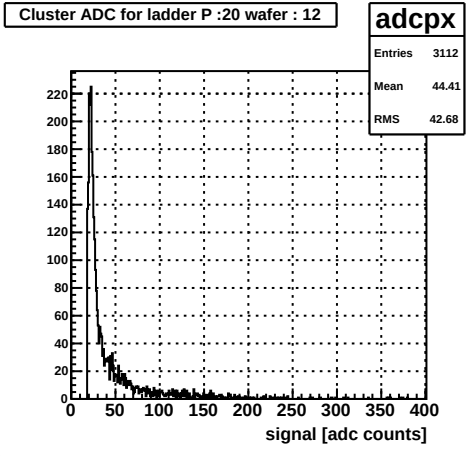

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 1297
Mean 42.7
RMS 33.27
signal [adc counts]

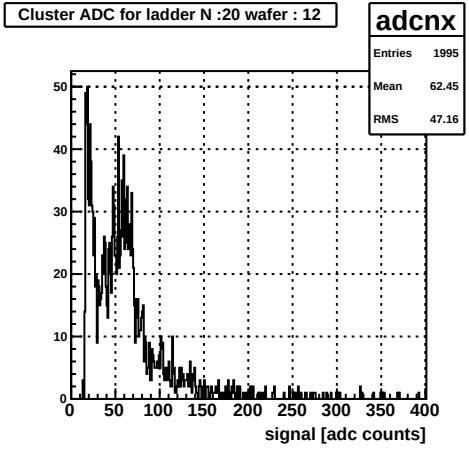

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2368
Mean 58.95
RMS 51.38
signal [adc counts]

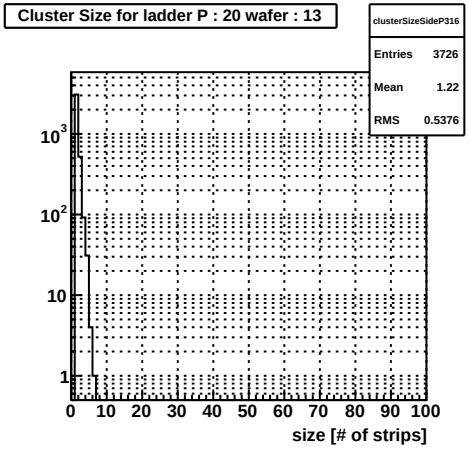

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3112
Mean 1.301
RMS 0.6977
size [# of strips]

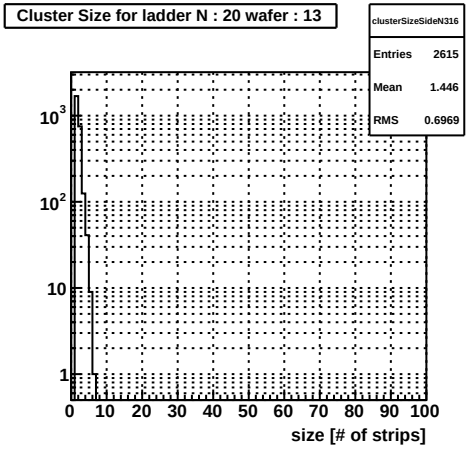

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1995
Mean 1.669
RMS 0.8513
size [# of strips]

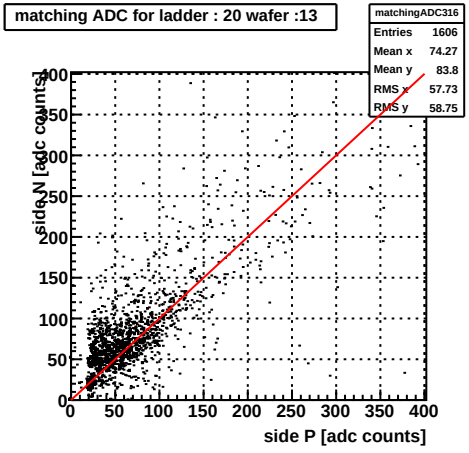

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 857
Mean x 61.91
Mean y 71.8
RMS x 49.46
RMS y 56.36
side N [adc counts]
side P [adc counts]

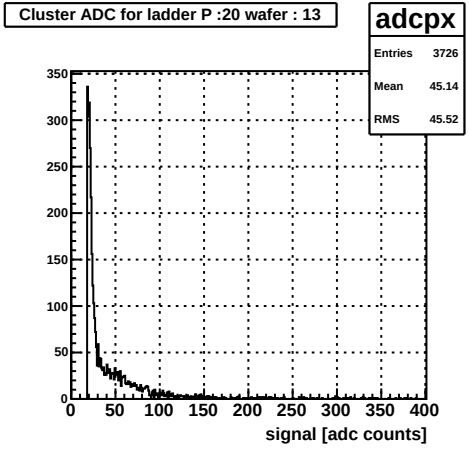

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3112
Mean 44.41
RMS 42.68
signal [adc counts]

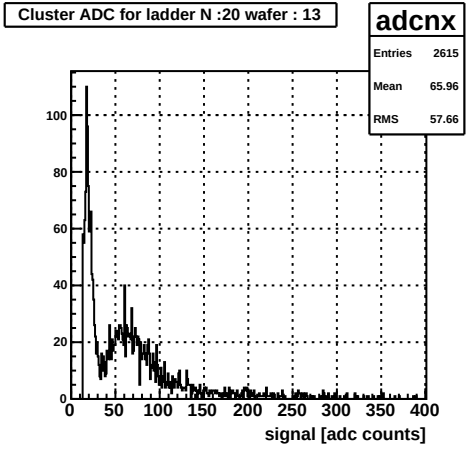

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1995
Mean 62.45
RMS 47.16
signal [adc counts]

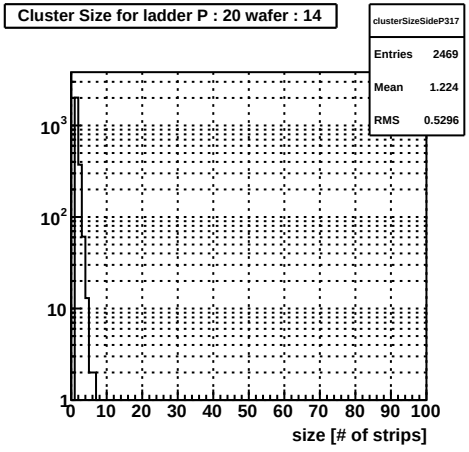

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 3726
Mean 1.22
RMS 0.5376
size [# of strips]

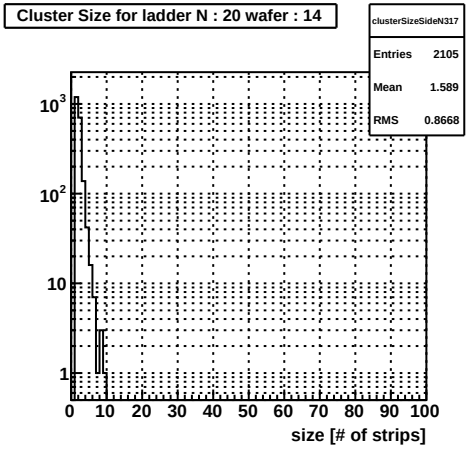

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2615
Mean 1.446
RMS 0.6969
size [# of strips]

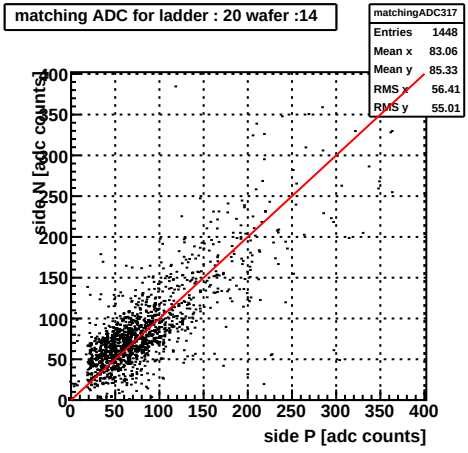

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1606
Mean x 74.27
Mean y 83.8
RMS x 57.73
RMS y 58.75
side N [adc counts]
side P [adc counts]

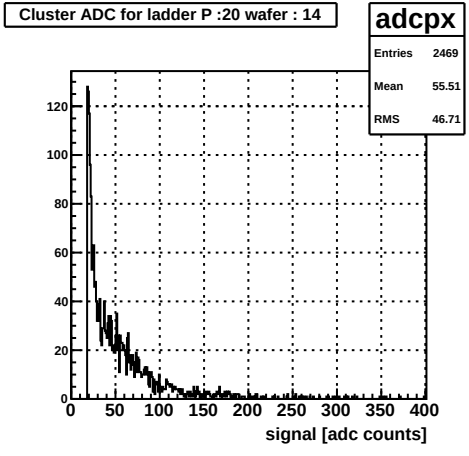

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 3726
Mean 45.14
RMS 45.52
signal [adc counts]

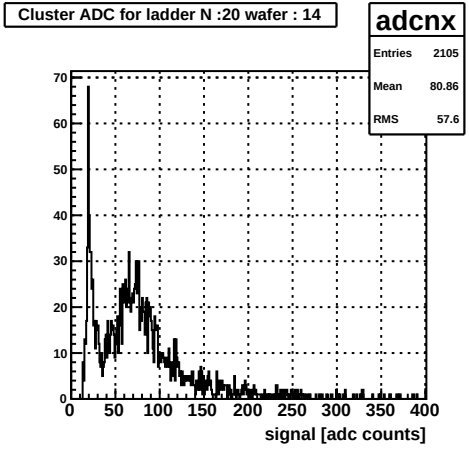

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2615
Mean 65.96
RMS 57.66
signal [adc counts]

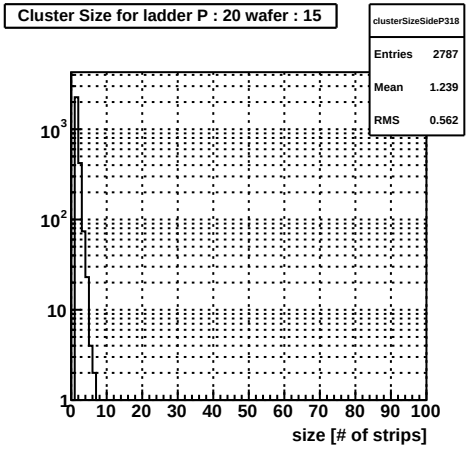

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2469
Mean 1.224
RMS 0.5296
size [# of strips]

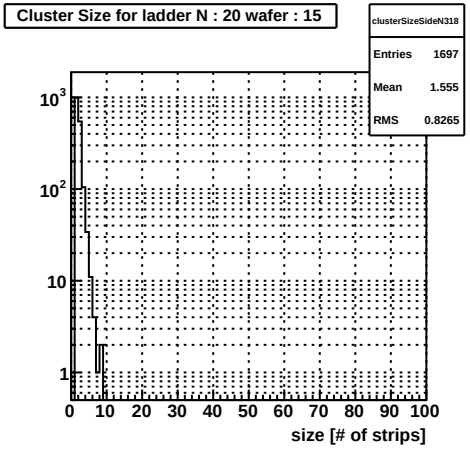

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2105
Mean 1.589
RMS 0.8668
size [# of strips]

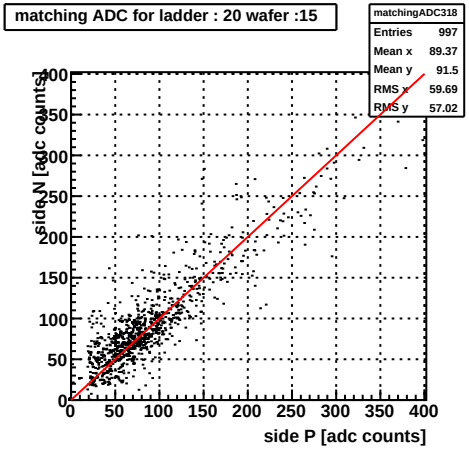

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1448
Mean x 83.06
Mean y 85.33
RMS x 56.41
RMS y 55.01
side N [adc counts]
side P [adc counts]

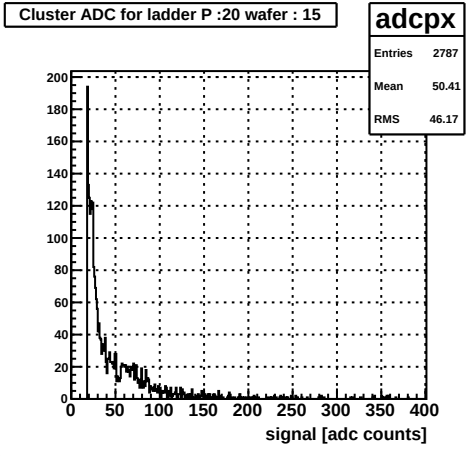

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2469
Mean 55.51
RMS 46.71
signal [adc counts]

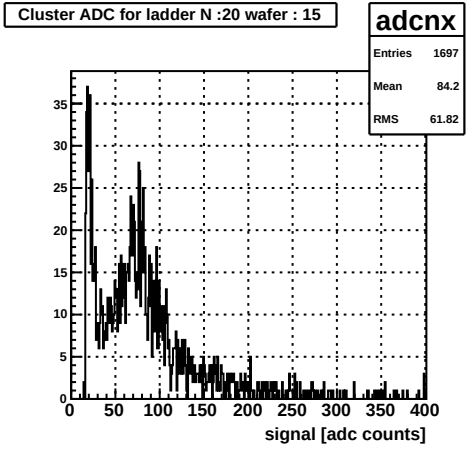

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2105
Mean 80.86
RMS 57.6
signal [adc counts]

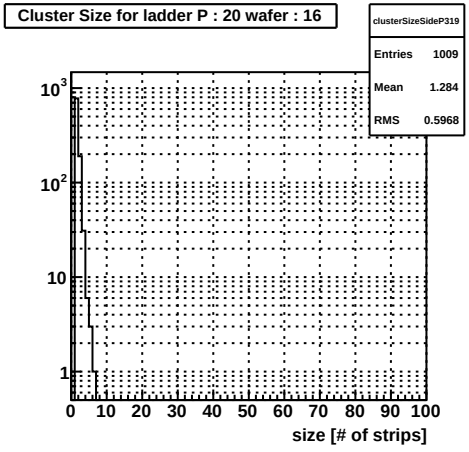

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2787
Mean 1.239
RMS 0.562
size [# of strips]

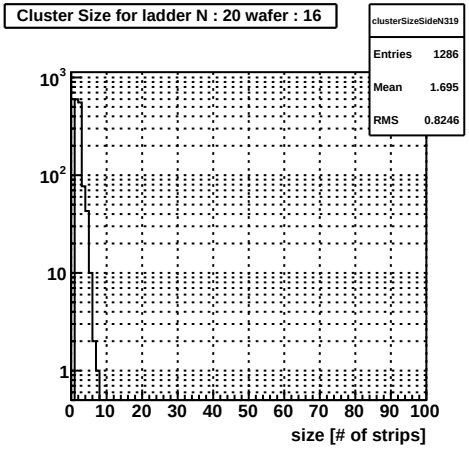

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1697
Mean 1.555
RMS 0.8265
size [# of strips]

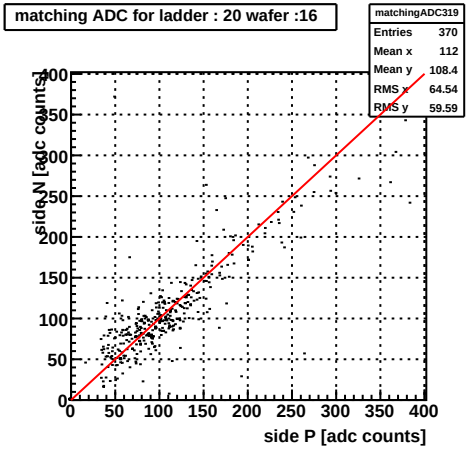

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 997
Mean x 89.37
Mean y 91.5
RMS x 59.69
RMS y 57.02
side N [adc counts]
side P [adc counts]

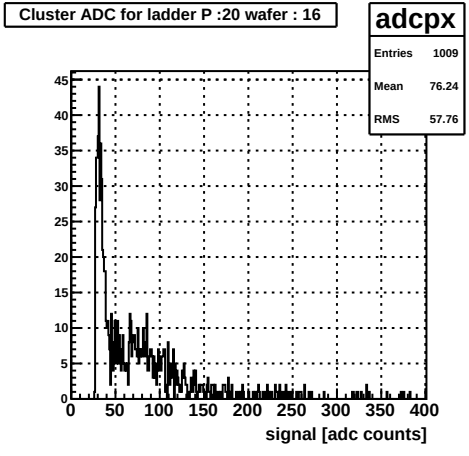

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2787
Mean 50.41
RMS 46.17
signal [adc counts]

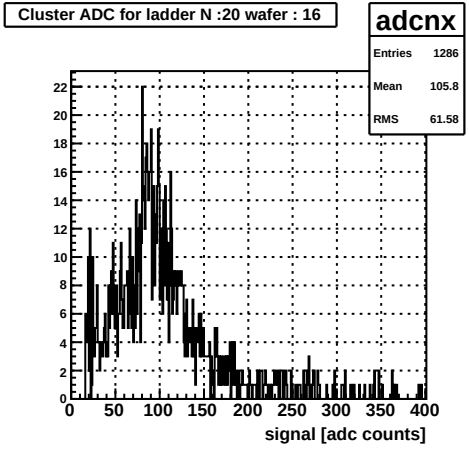

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1697
Mean 84.2
RMS 61.82
signal [adc counts]

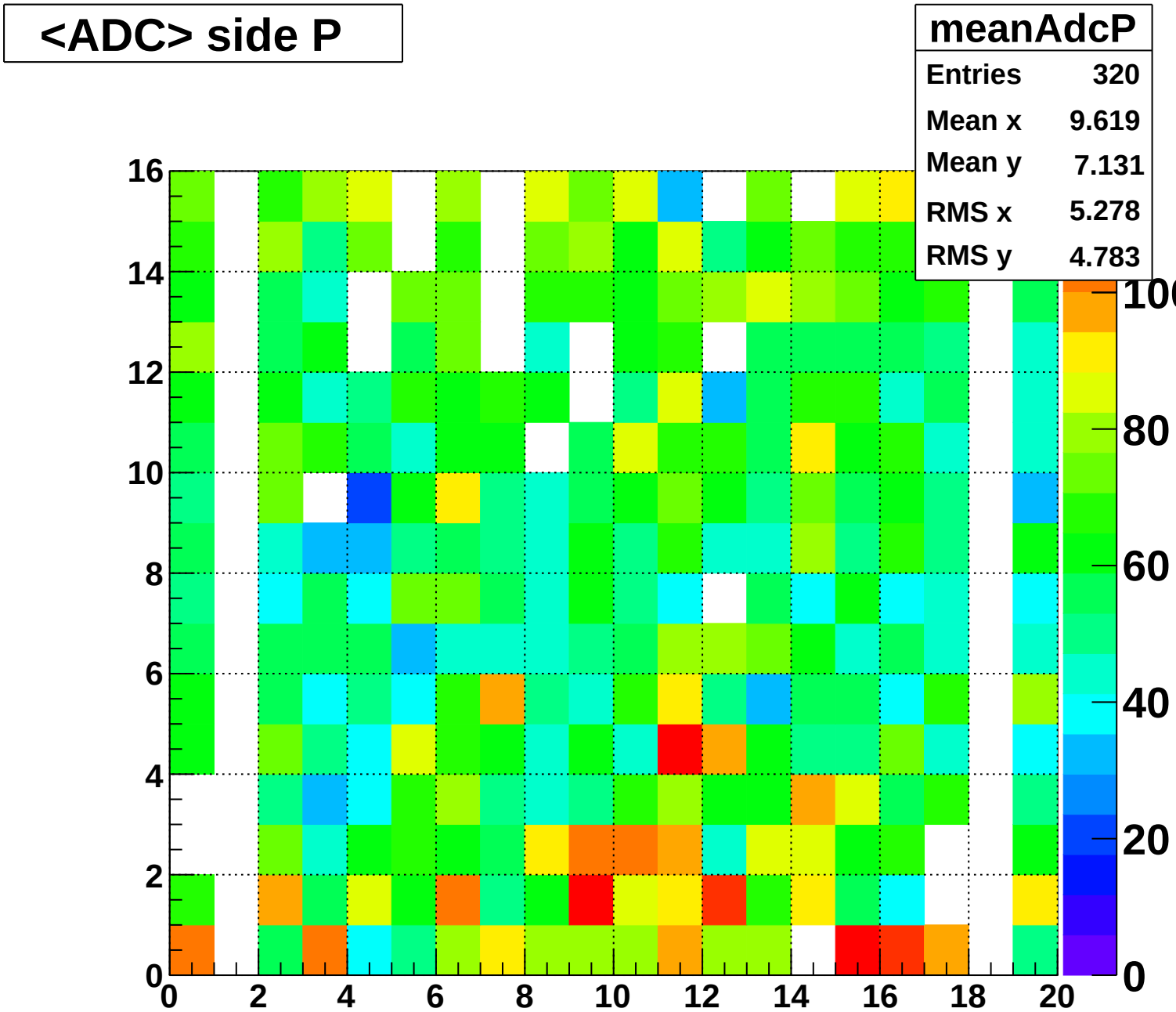

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1009
Mean 1.284
RMS 0.5968
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1286
Mean 1.695
RMS 0.8246
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 370
Mean x 112
Mean y 108.4
RMS x 64.54
RMS y 59.59
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1009
Mean 76.24
RMS 57.76
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1286
Mean 105.8
RMS 61.58
signal [adc counts]



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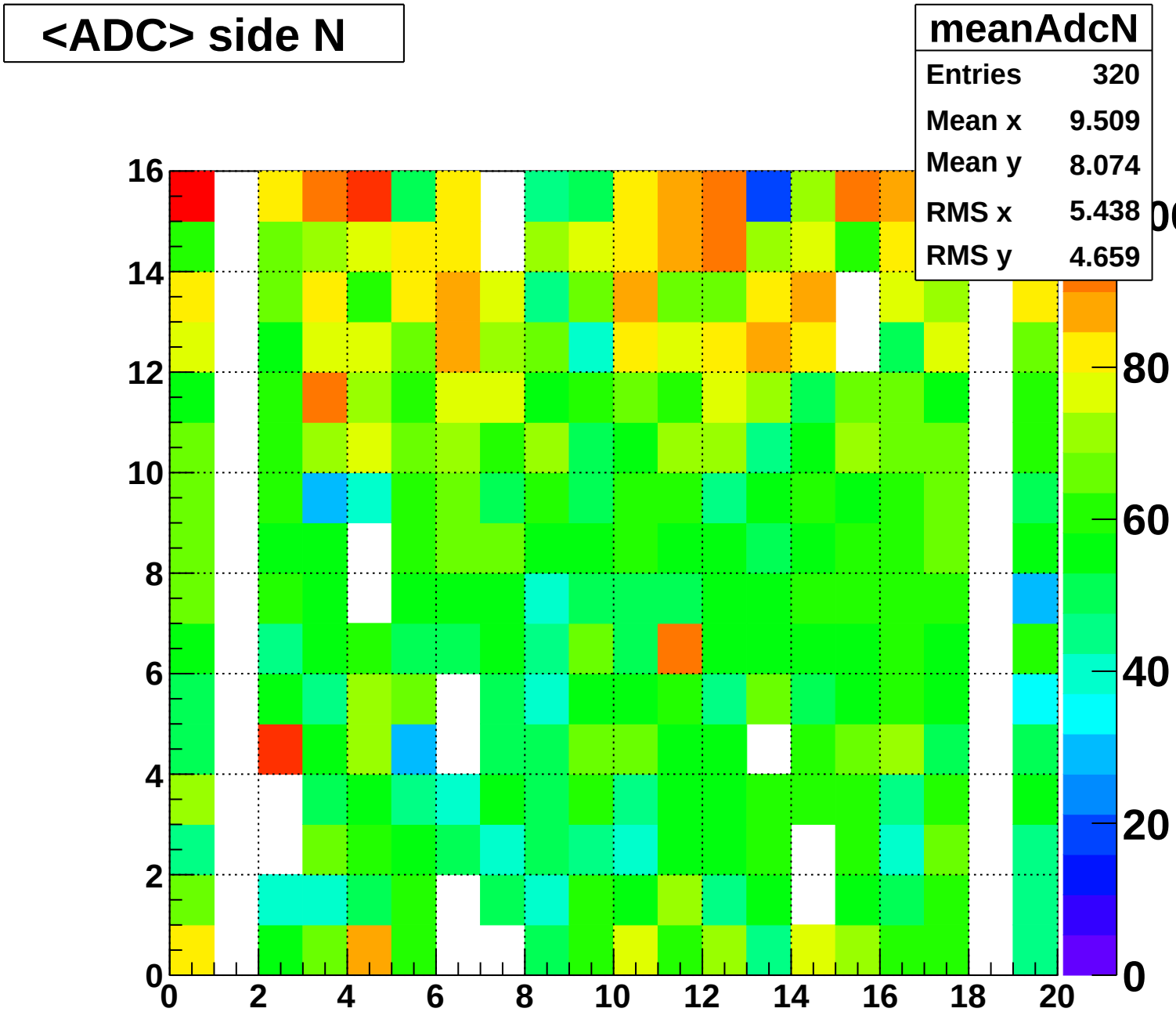

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