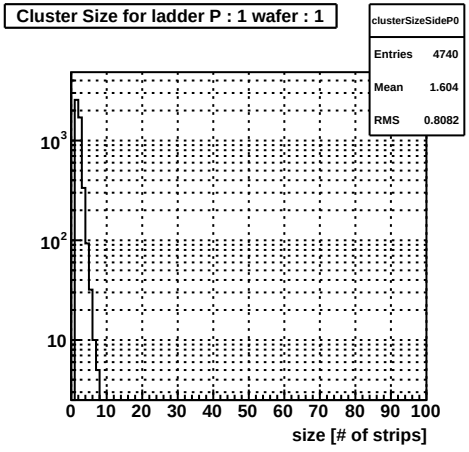
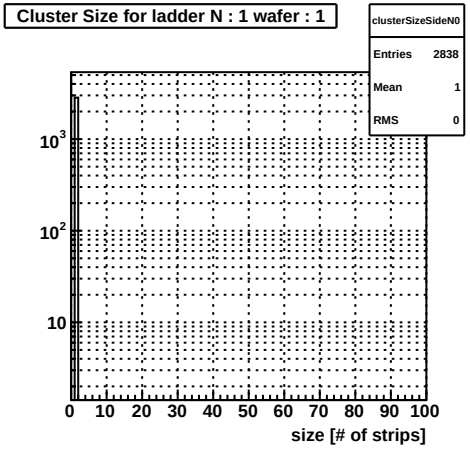
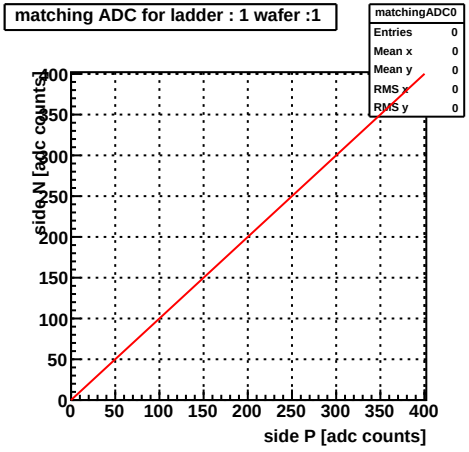
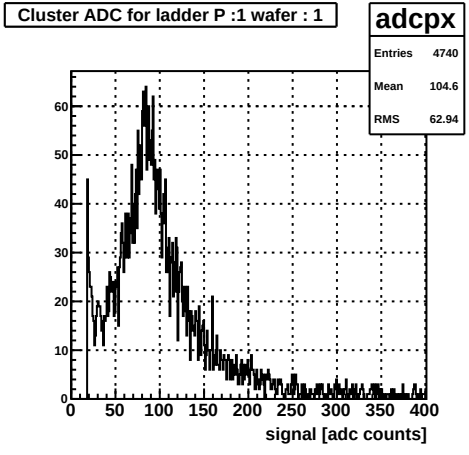
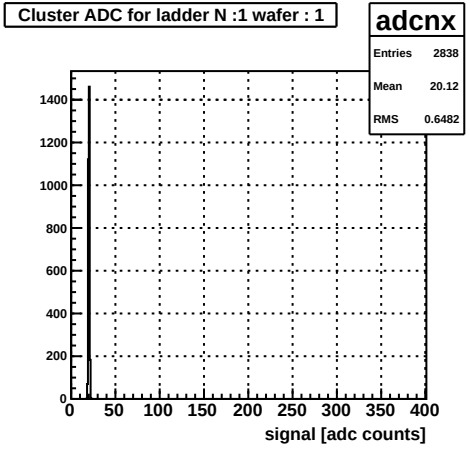
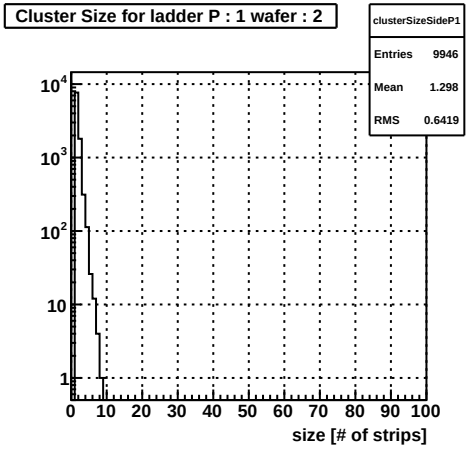

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4740
Mean 1.604
RMS 0.8082
size [# of strips]

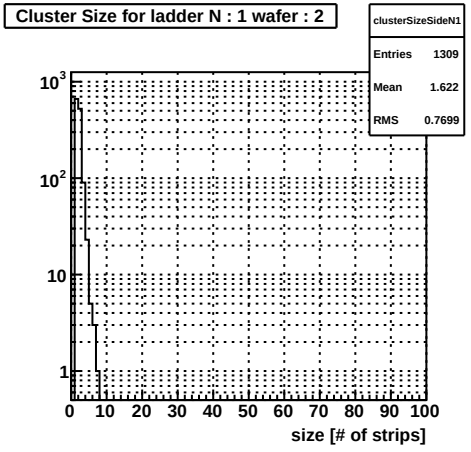

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2838
Mean 1
RMS 0
size [# of strips]

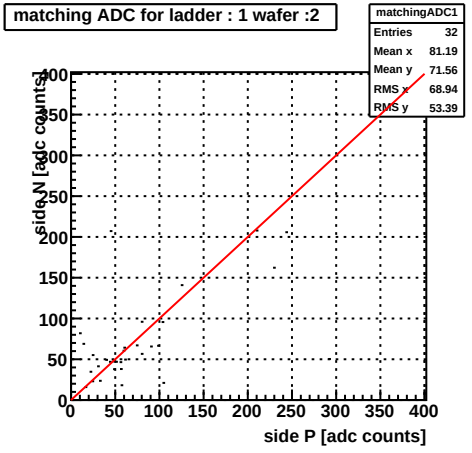

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

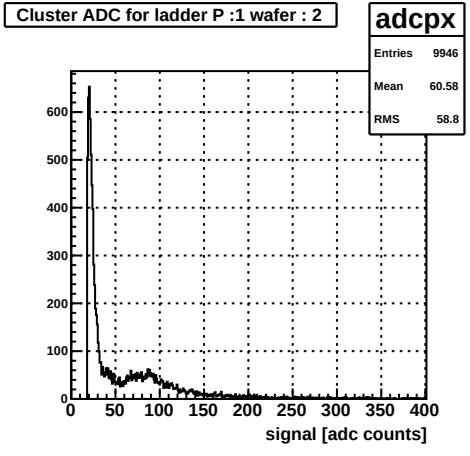

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4740
Mean 104.6
RMS 62.94
signal [adc counts]

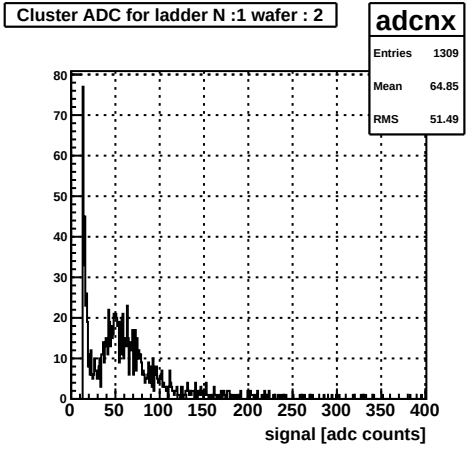

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2838
Mean 20.12
RMS 0.6482
signal [adc counts]

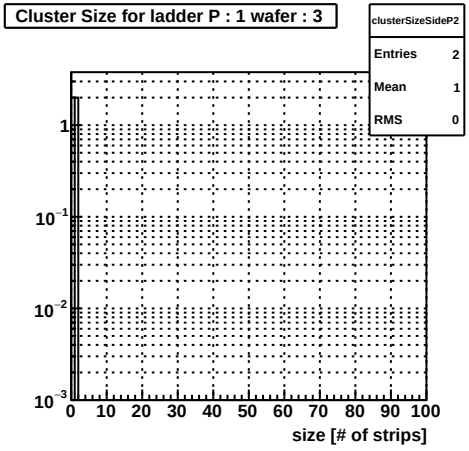

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9946
Mean 1.298
RMS 0.6419
size [# of strips]

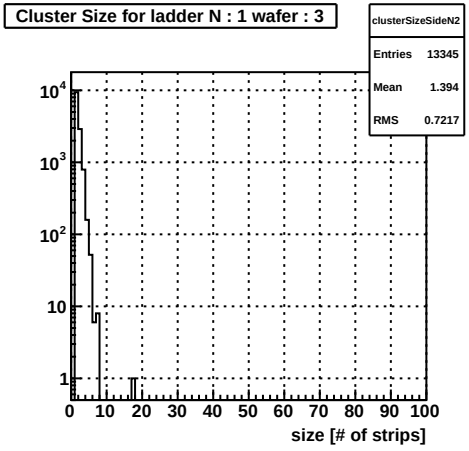

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 1309
Mean 1.622
RMS 0.7699
size [# of strips]

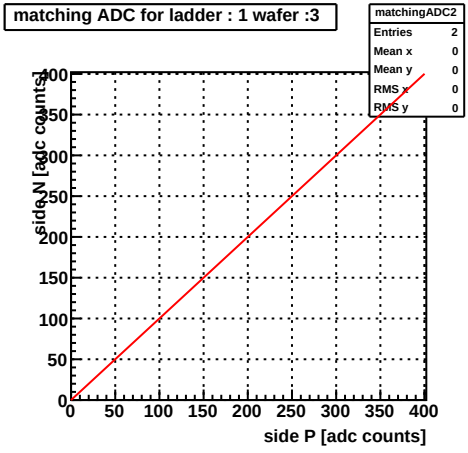

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 32
Mean x 81.19
Mean y 71.56
RMS x 68.94
RMS y 53.39
side N [adc counts]
side P [adc counts]

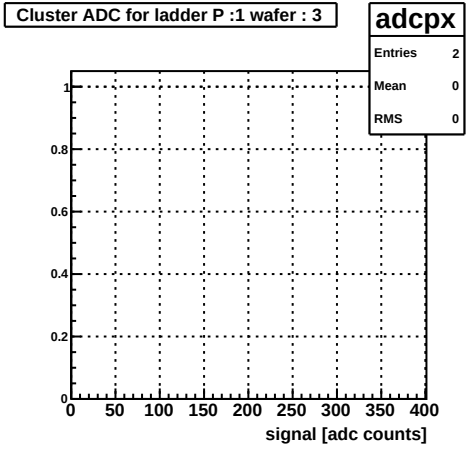

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9946
Mean 60.58
RMS 58.8
signal [adc counts]

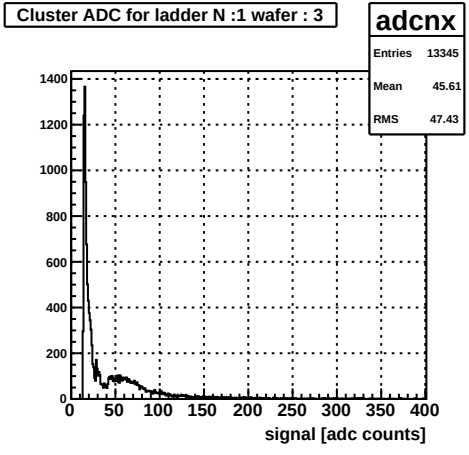

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 1309
Mean 64.85
RMS 51.49
signal [adc counts]

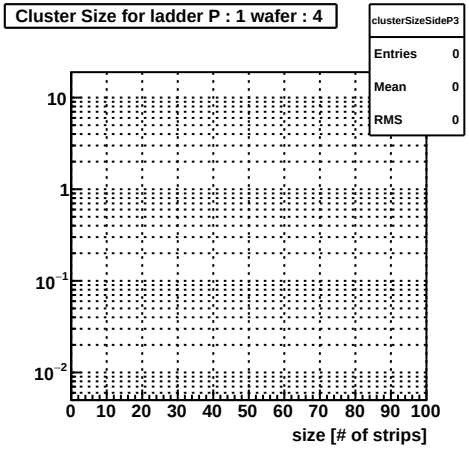

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

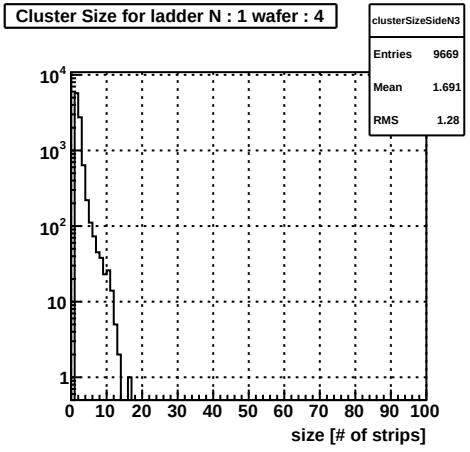

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 13345
Mean 1.394
RMS 0.7217
size [# of strips]

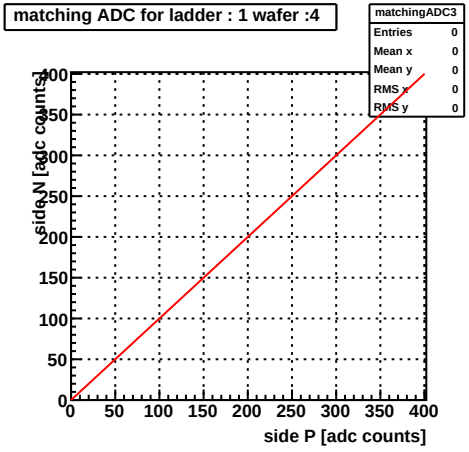

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

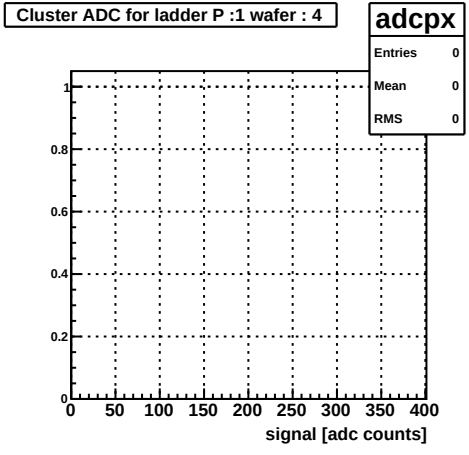

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

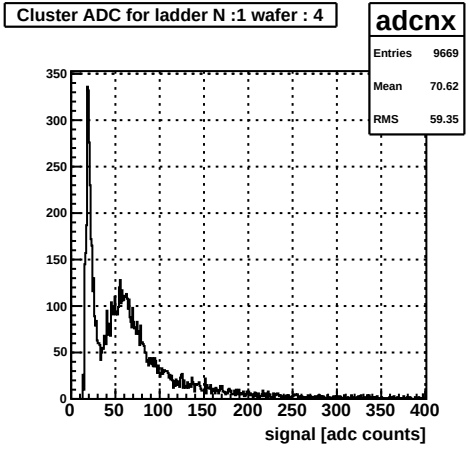

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 13345
Mean 45.61
RMS 47.43
signal [adc counts]

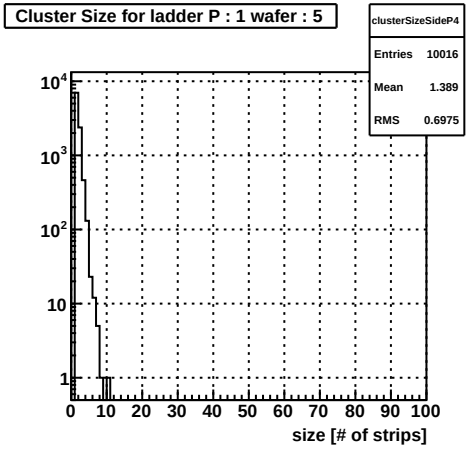

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

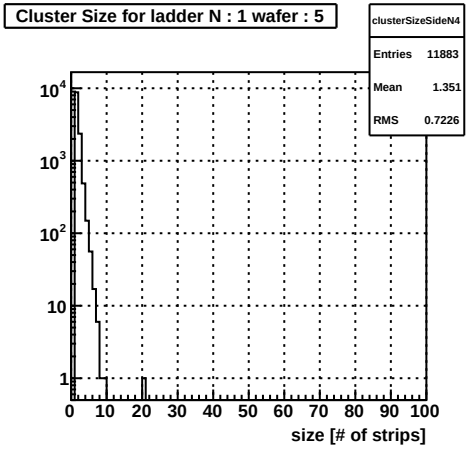

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 9669
Mean 1.691
RMS 1.28
size [# of strips]

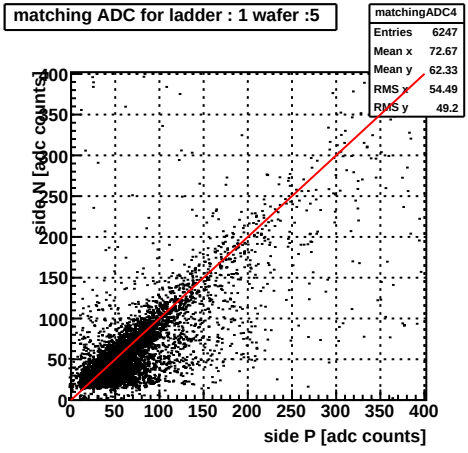

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

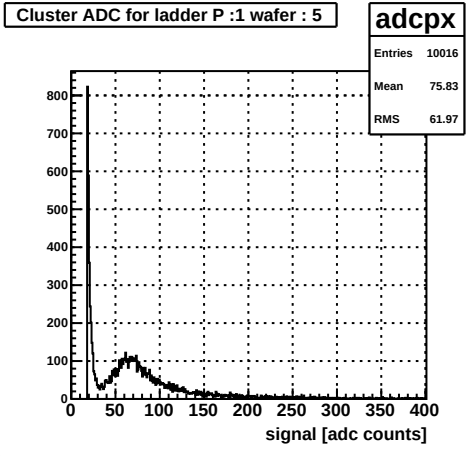

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

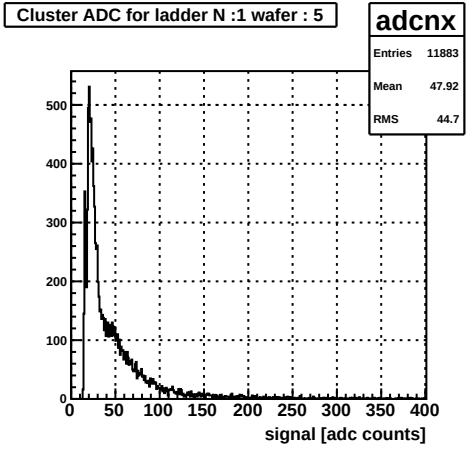

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 9669
Mean 70.62
RMS 59.35
signal [adc counts]

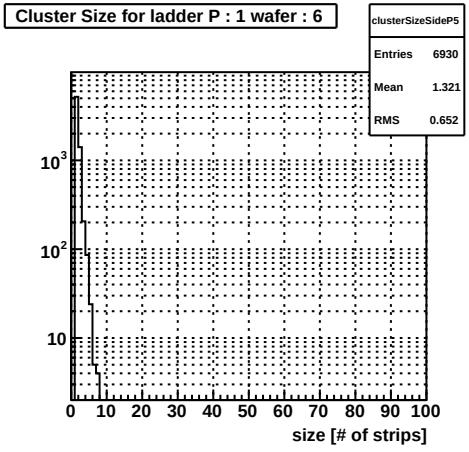

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10016
Mean 1.389
RMS 0.6975
size [# of strips]

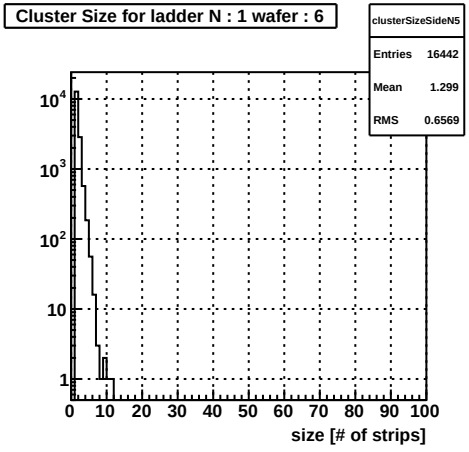

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 11883
Mean 1.351
RMS 0.7226
size [# of strips]

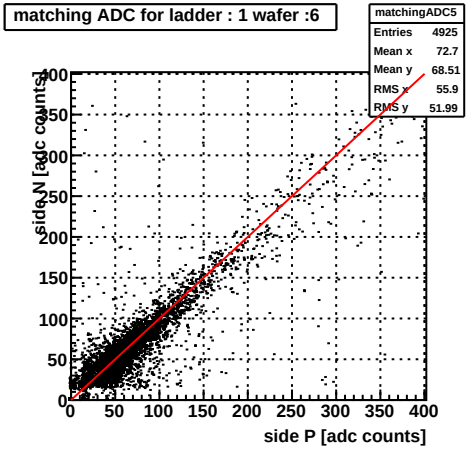

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 6247
Mean x 72.67
Mean y 62.33
RMS x 54.49
RMS y 49.2
side N [adc counts]
side P [adc counts]

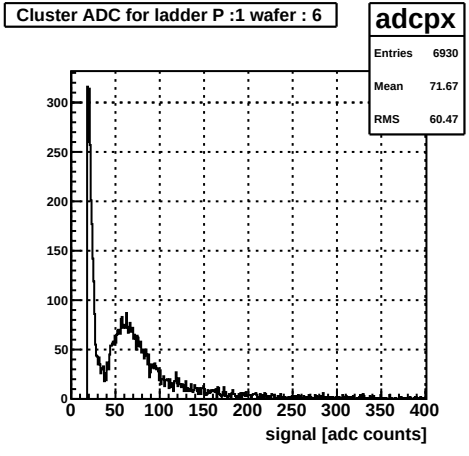

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10016
Mean 75.83
RMS 61.97
signal [adc counts]

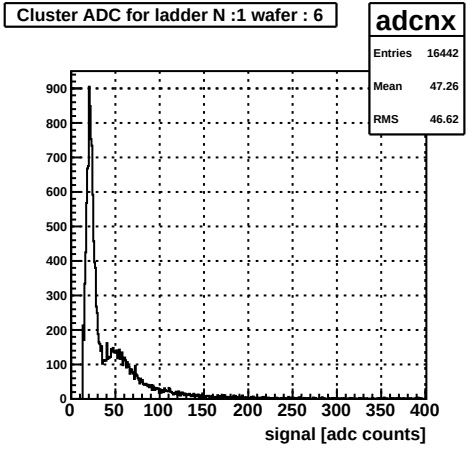

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 11883
Mean 47.92
RMS 44.7
signal [adc counts]

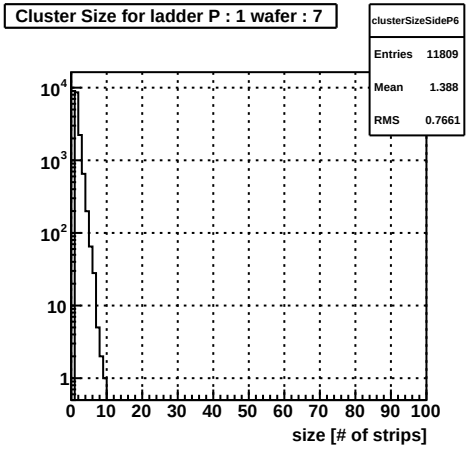

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6930
Mean 1.321
RMS 0.652
size [# of strips]

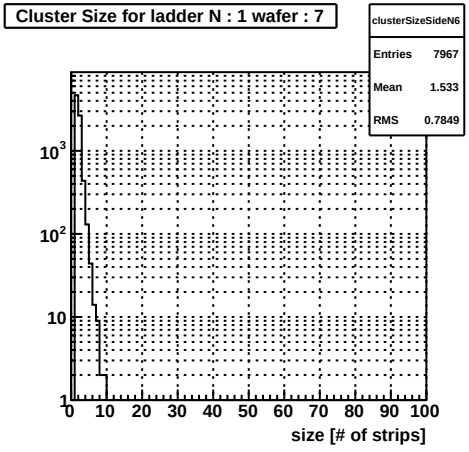

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 16442
Mean 1.299
RMS 0.6569
size [# of strips]

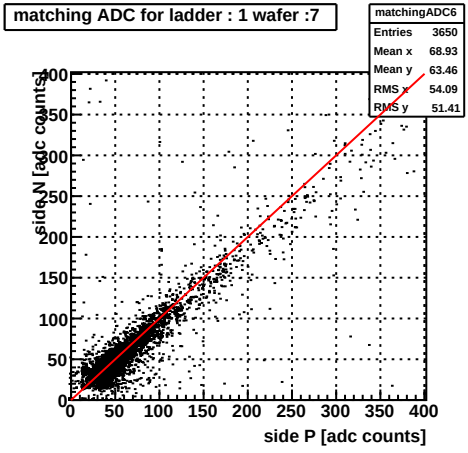

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 4925
Mean x 72.7
Mean y 68.51
RMS x 55.9
RMS y 51.99
side N [adc counts]
side P [adc counts]

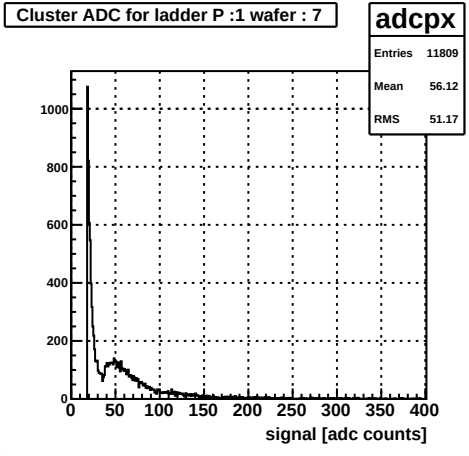

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6930
Mean 71.67
RMS 60.47
signal [adc counts]

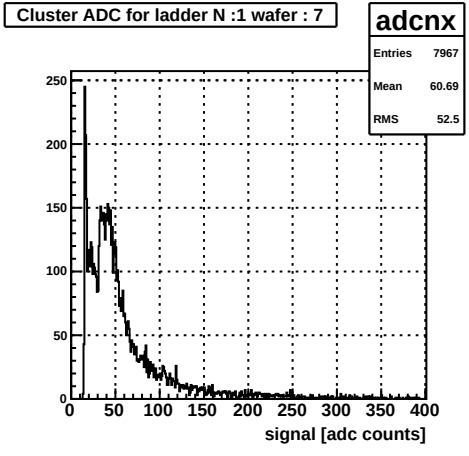

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 16442
Mean 47.26
RMS 46.62
signal [adc counts]

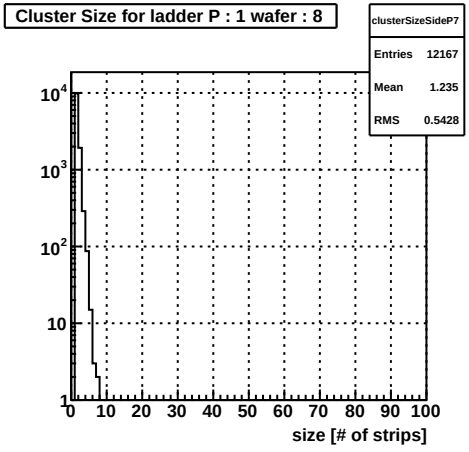

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11809
Mean 1.388
RMS 0.7661
size [# of strips]

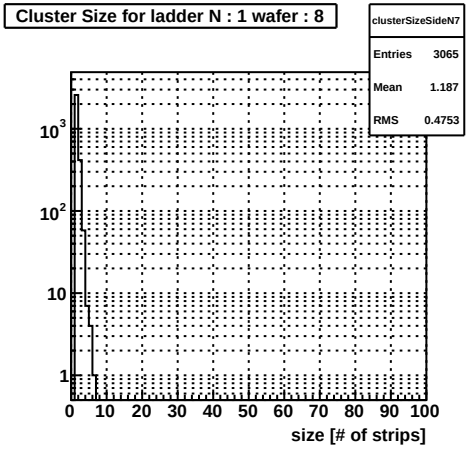

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 7967
Mean 1.533
RMS 0.7849
size [# of strips]

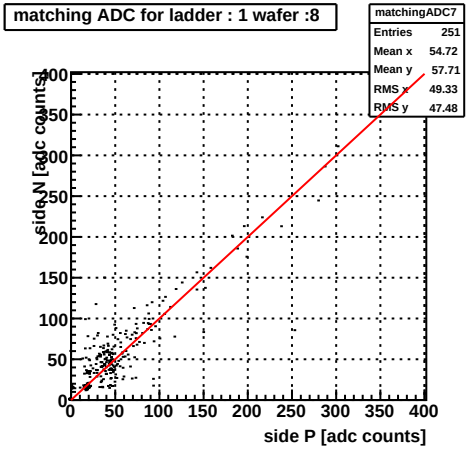

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3650
Mean x 68.93
Mean y 63.46
RMS x 54.09
RMS y 51.41
side N [adc counts]
side P [adc counts]

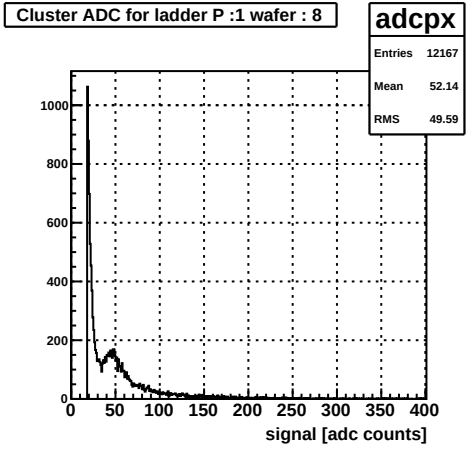

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11809
Mean 56.12
RMS 51.17
signal [adc counts]

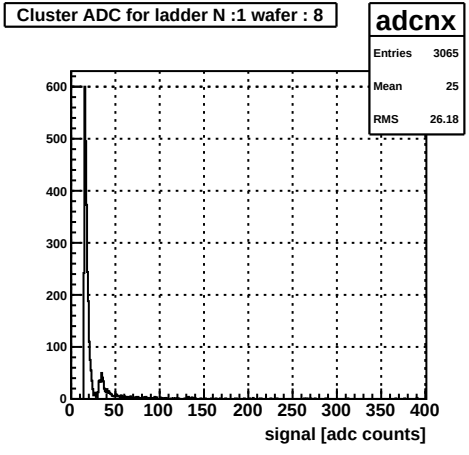

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 7967
Mean 60.69
RMS 52.5
signal [adc counts]

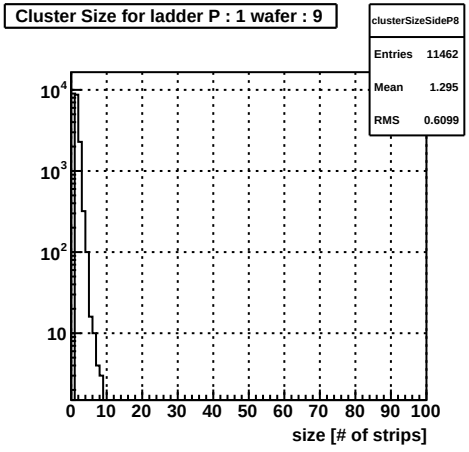

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 12167
Mean 1.235
RMS 0.5428
size [# of strips]

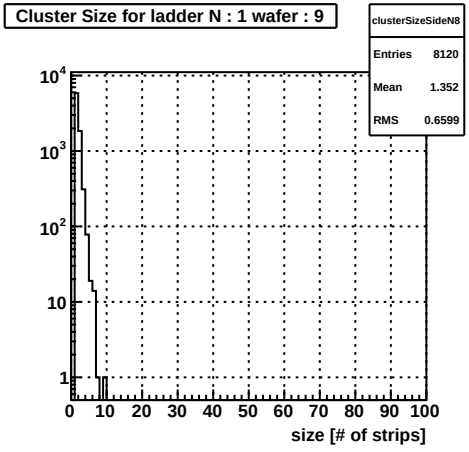

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3065
Mean 1.187
RMS 0.4753
size [# of strips]

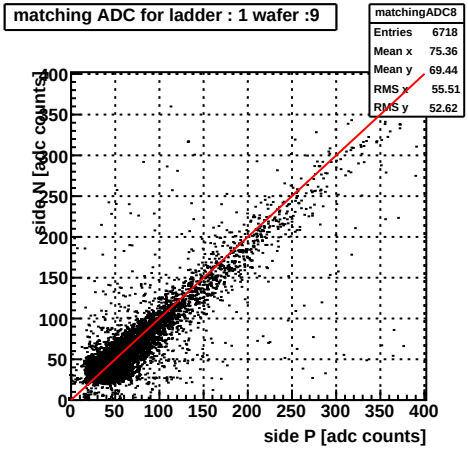

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 251
Mean x 54.72
Mean y 57.71
RMS x 49.33
RMS y 47.48
side N [adc counts]
side P [adc counts]

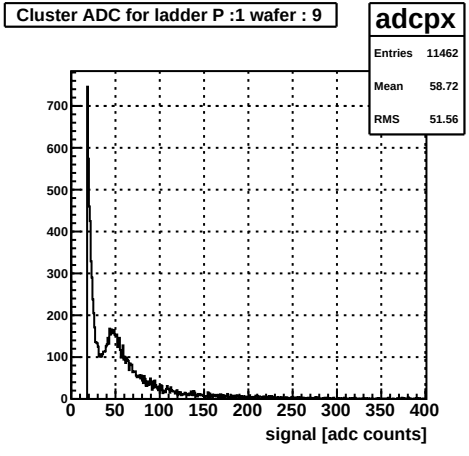

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 12167
Mean 52.14
RMS 49.59
signal [adc counts]

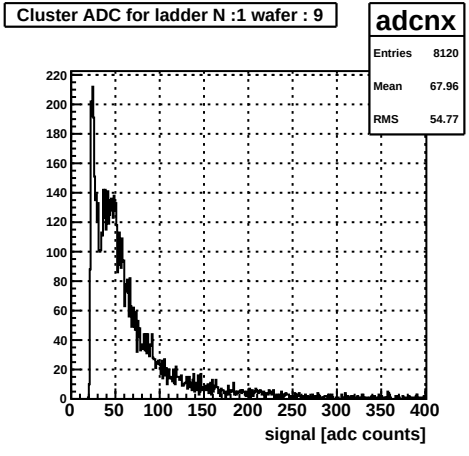

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3065
Mean 25
RMS 26.18
signal [adc counts]

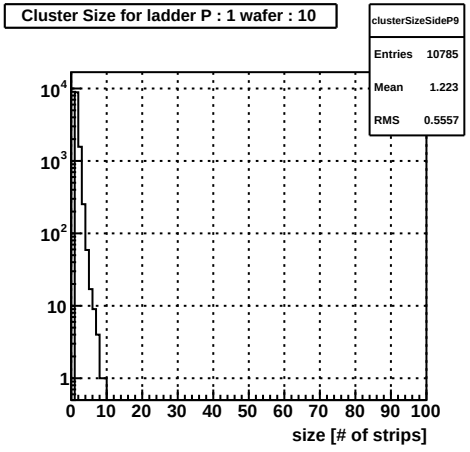

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 11462
Mean 1.295
RMS 0.6099
size [# of strips]

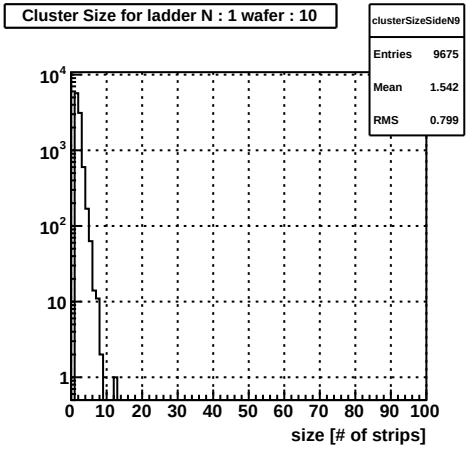

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 8120
Mean 1.352
RMS 0.6599
size [# of strips]

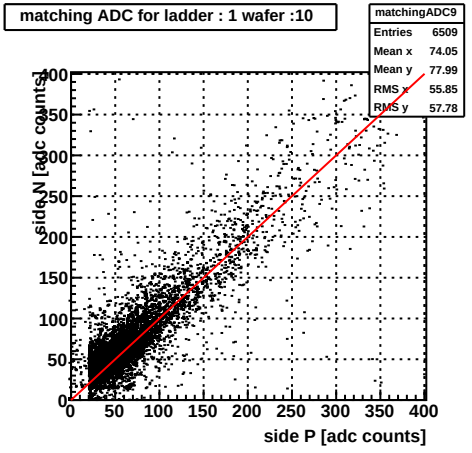

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 6718
Mean x 75.36
Mean y 69.44
RMS x 55.51
RMS y 52.62
side N [adc counts]
side P [adc counts]

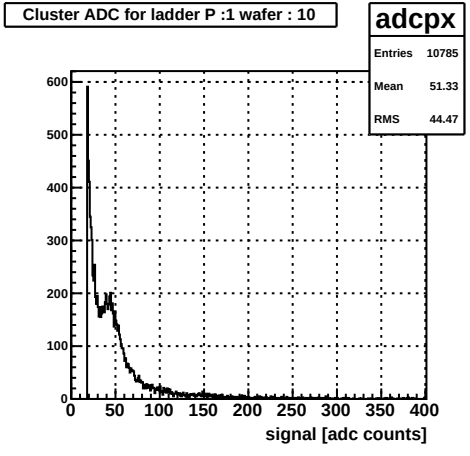

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 11462
Mean 58.72
RMS 51.56
signal [adc counts]

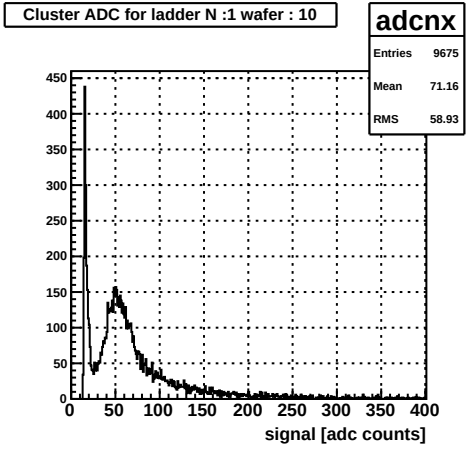

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 8120
Mean 67.96
RMS 54.77
signal [adc counts]

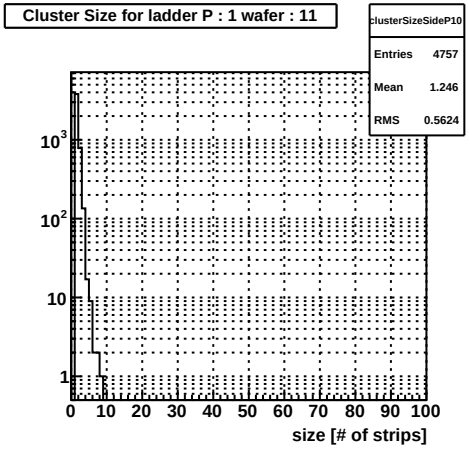

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 10785
Mean 1.223
RMS 0.5557
size [# of strips]

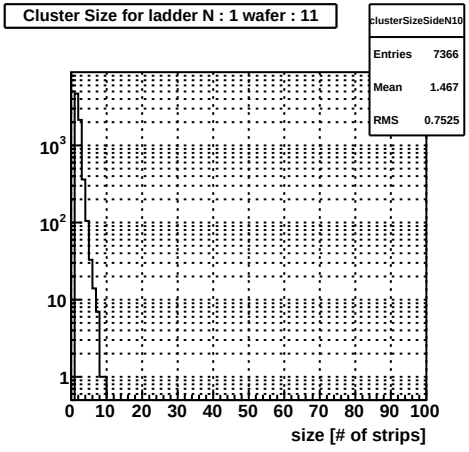

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 9675
Mean 1.542
RMS 0.799
size [# of strips]

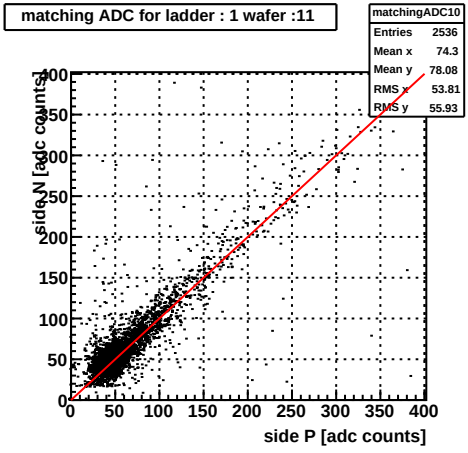

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 6509
Mean x 74.05
Mean y 77.99
RMS x 55.85
RMS y 57.78
side N [adc counts]
side P [adc counts]

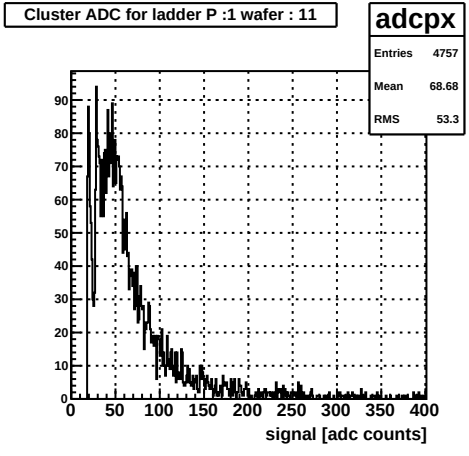

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 10785
Mean 51.33
RMS 44.47
signal [adc counts]

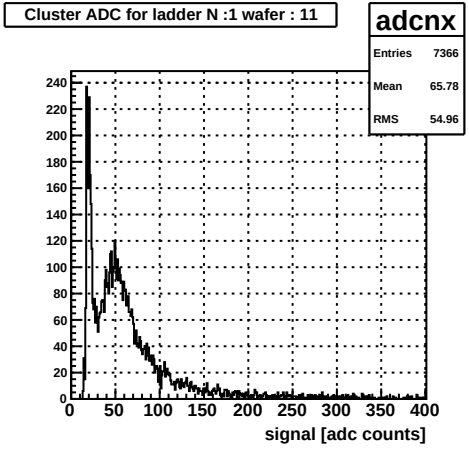

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 9675
Mean 71.16
RMS 58.93
signal [adc counts]

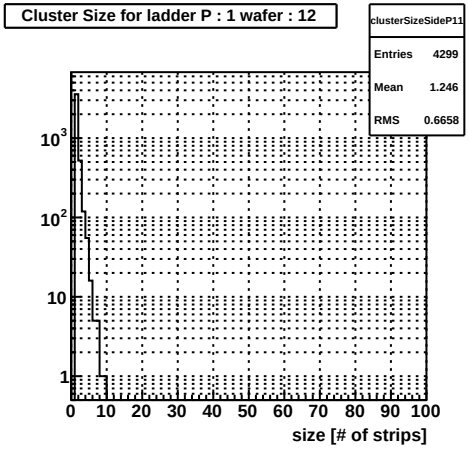

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 4757
Mean 1.246
RMS 0.5624
size [# of strips]

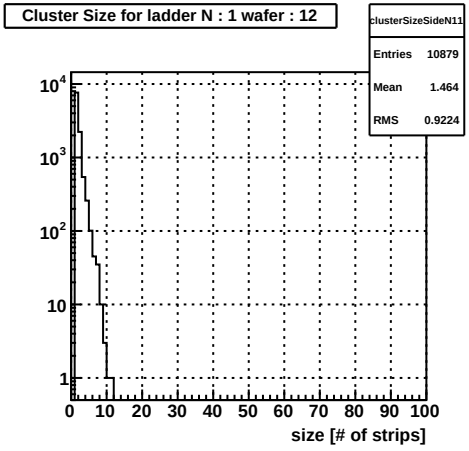

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 7366
Mean 1.467
RMS 0.7525
size [# of strips]

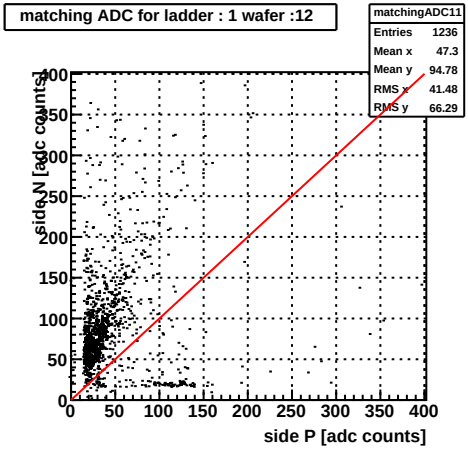

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2536
Mean x 74.3
Mean y 78.08
RMS x 53.81
RMS y 55.93
side N [adc counts]
side P [adc counts]

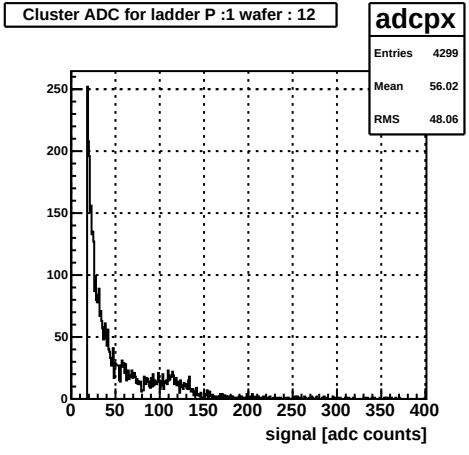

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 4757
Mean 68.68
RMS 53.3
signal [adc counts]

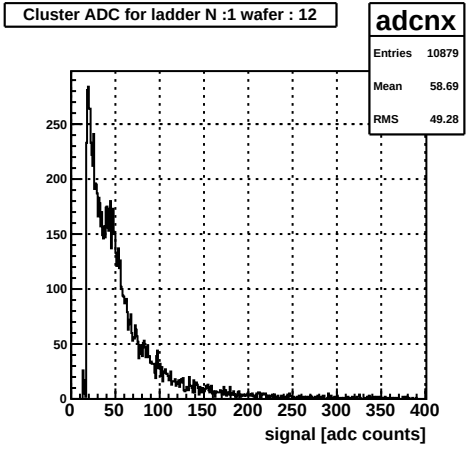

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 7366
Mean 65.78
RMS 54.96
signal [adc counts]

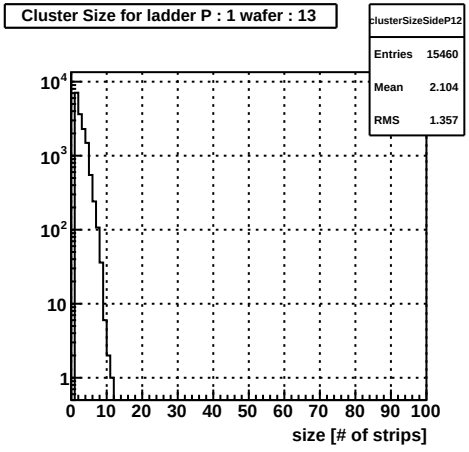

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4299
Mean 1.246
RMS 0.6658
size [# of strips]

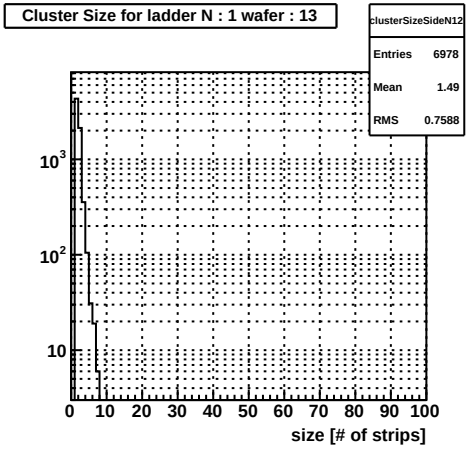

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10879
Mean 1.464
RMS 0.9224
size [# of strips]

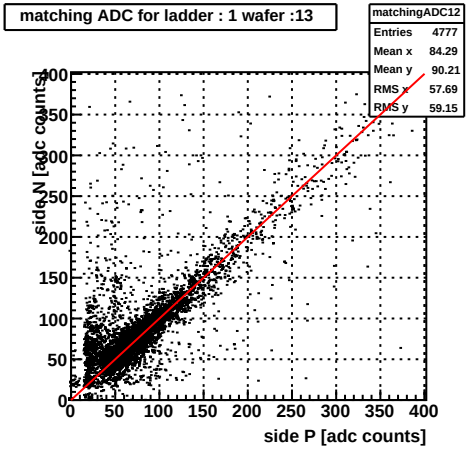

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1236
Mean x 47.3
Mean y 94.78
RMS x 41.48
RMS y 66.29
side N [adc counts]
side P [adc counts]

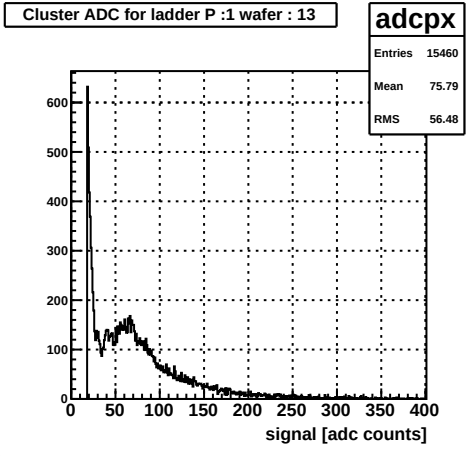

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4299
Mean 56.02
RMS 48.06
signal [adc counts]

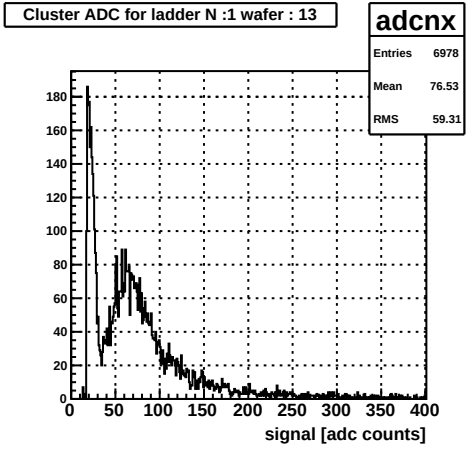

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10879
Mean 58.69
RMS 49.28
signal [adc counts]

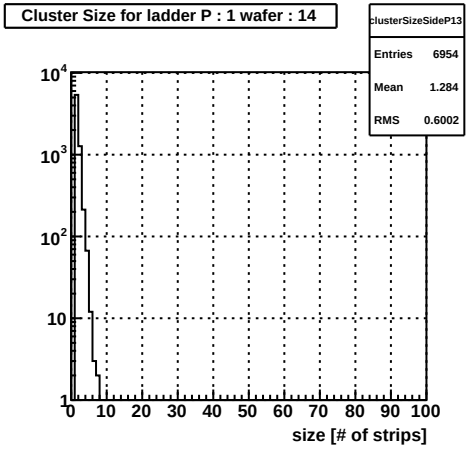

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 15460
Mean 2.104
RMS 1.357
size [# of strips]

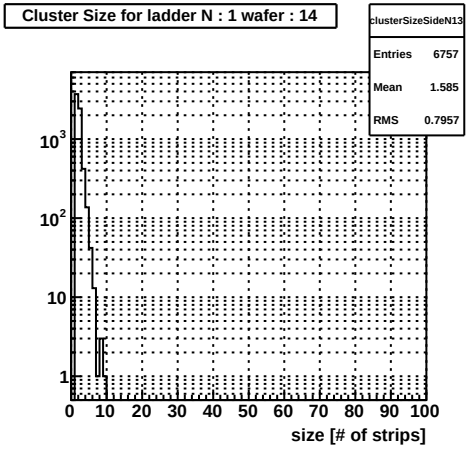

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 6978
Mean 1.49
RMS 0.7588
size [# of strips]

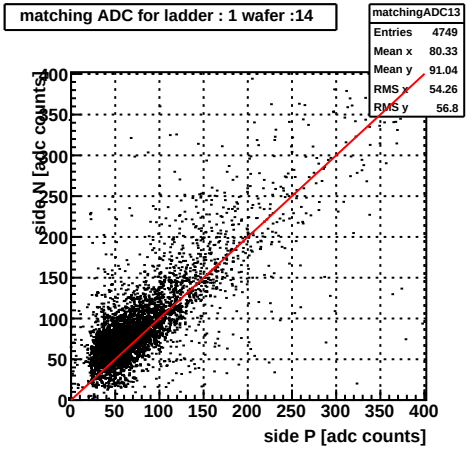

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 4777
Mean x 84.29
Mean y 90.21
RMS x 57.69
RMS y 59.15
side N [adc counts]
side P [adc counts]

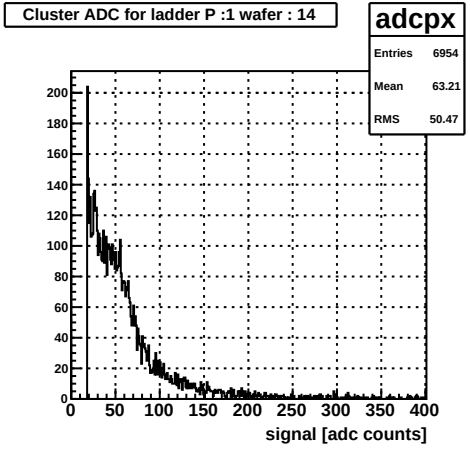

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 15460
Mean 75.79
RMS 56.48
signal [adc counts]

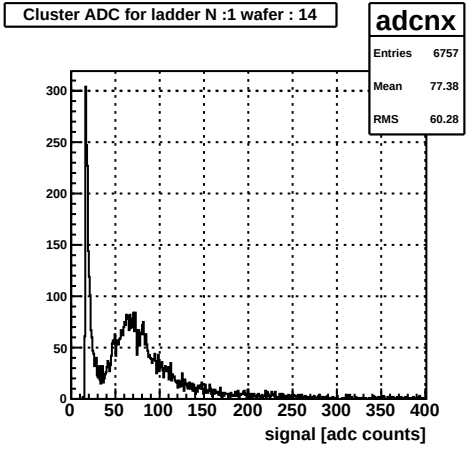

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 6978
Mean 76.53
RMS 59.31
signal [adc counts]

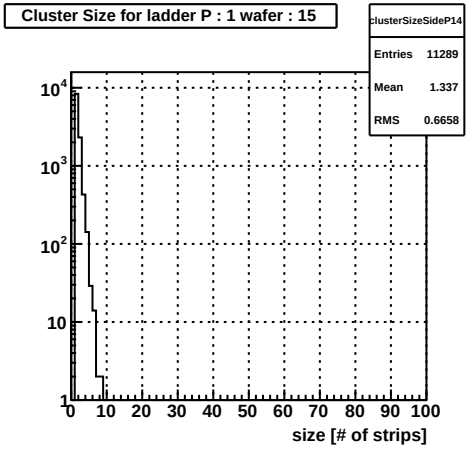

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 6954
Mean 1.284
RMS 0.6002
size [# of strips]

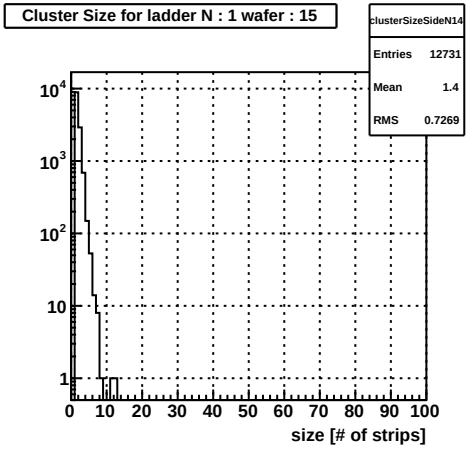

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 6757
Mean 1.585
RMS 0.7957
size [# of strips]

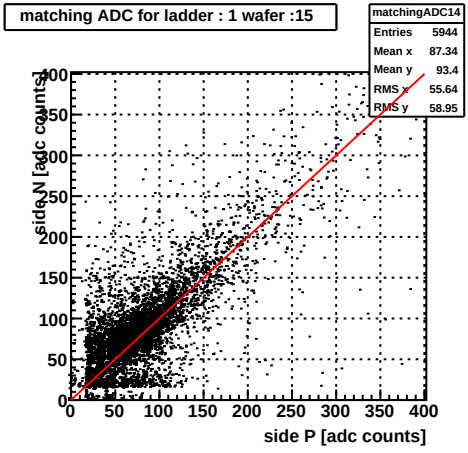

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 4749
Mean x 80.33
Mean y 91.04
RMS x 54.26
RMS y 56.8
side N [adc counts]
side P [adc counts]

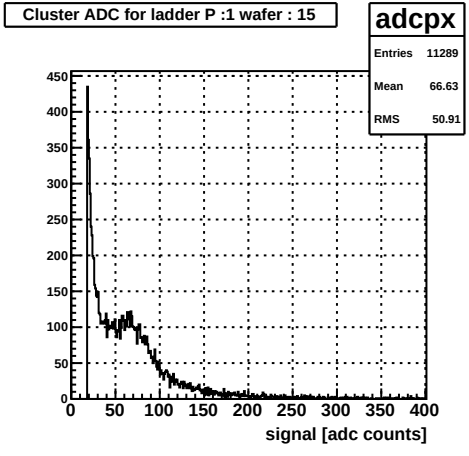

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 6954
Mean 63.21
RMS 50.47
signal [adc counts]

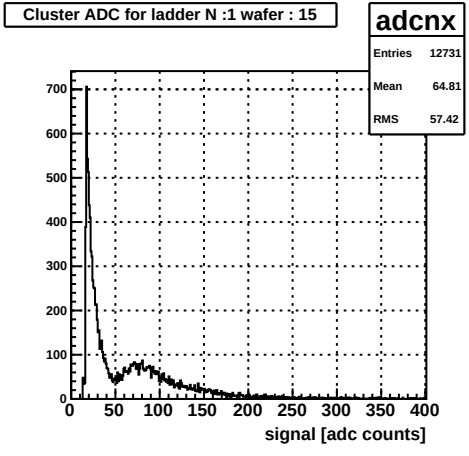

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 6757
Mean 77.38
RMS 60.28
signal [adc counts]

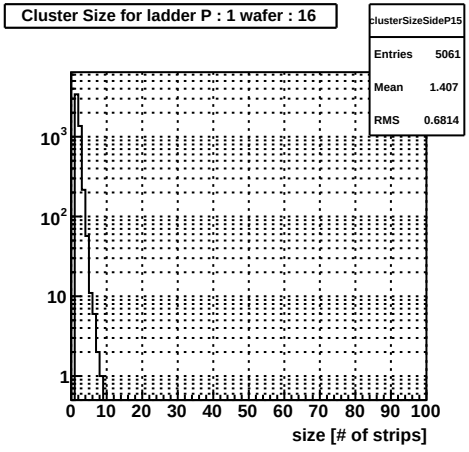

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 11289
Mean 1.337
RMS 0.6658
size [# of strips]

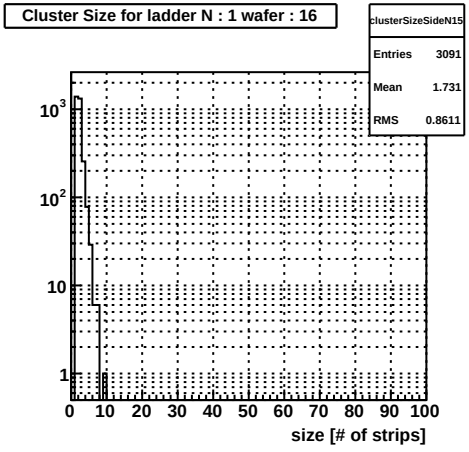

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 12731
Mean 1.4
RMS 0.7269
size [# of strips]

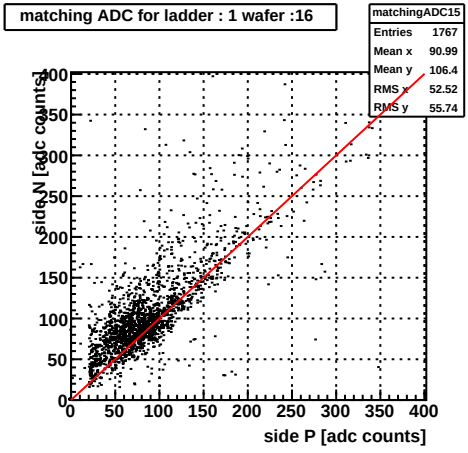

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 5944
Mean x 87.34
Mean y 93.4
RMS x 55.64
RMS y 58.95
side N [adc counts]
side P [adc counts]

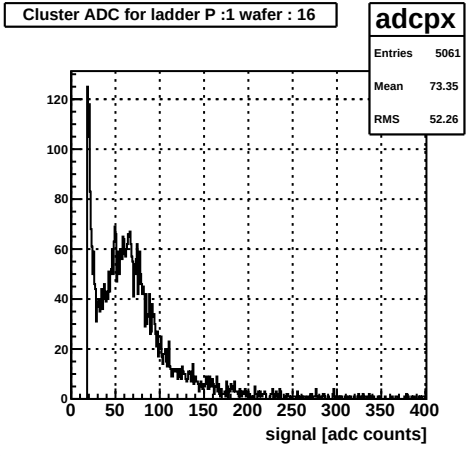

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 11289
Mean 66.63
RMS 50.91
signal [adc counts]

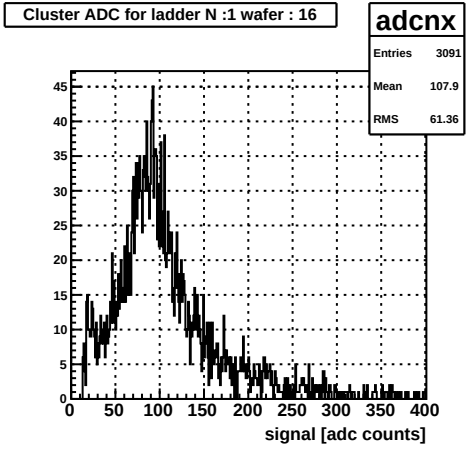

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 12731
Mean 64.81
RMS 57.42
signal [adc counts]

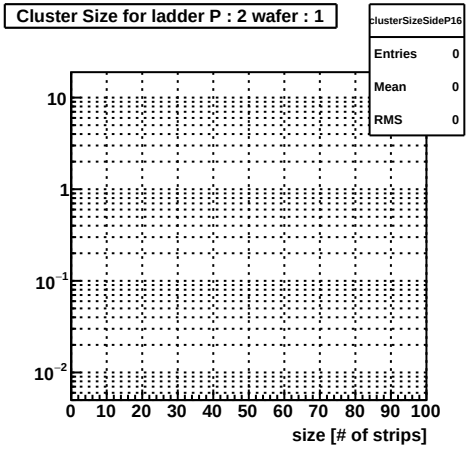

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 5061
Mean 1.407
RMS 0.6814
size [# of strips]

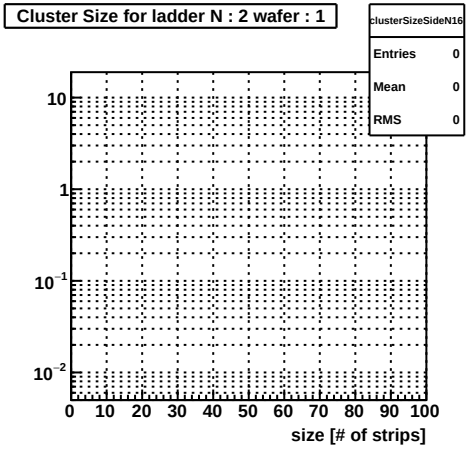

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 3091
Mean 1.731
RMS 0.8611
size [# of strips]

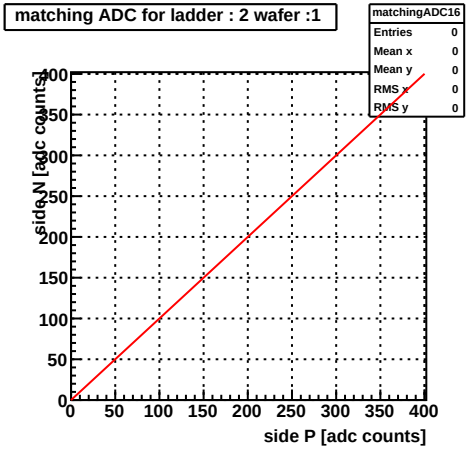

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 1767
Mean x 90.99
Mean y 106.4
RMS x 52.52
RMS y 55.74
side N [adc counts]
side P [adc counts]

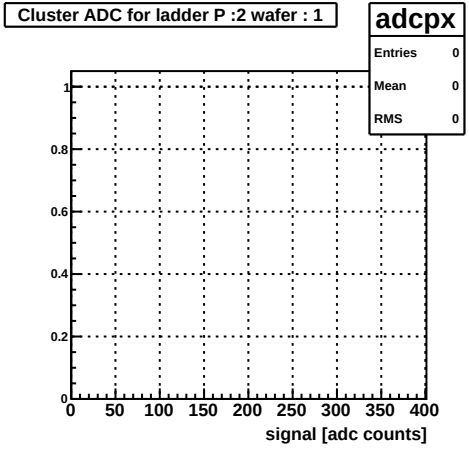

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 5061
Mean 73.35
RMS 52.26
signal [adc counts]

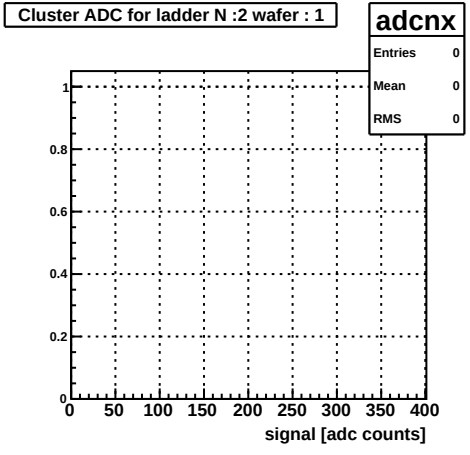

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 3091
Mean 107.9
RMS 61.36
signal [adc counts]

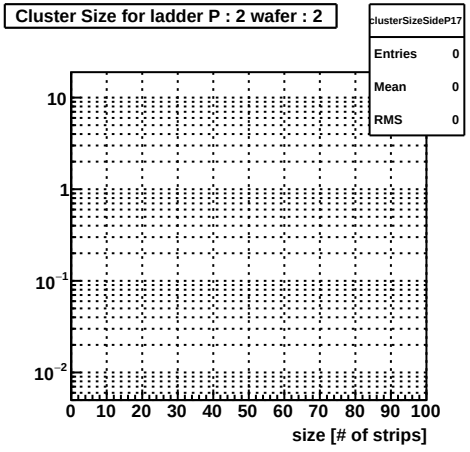

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

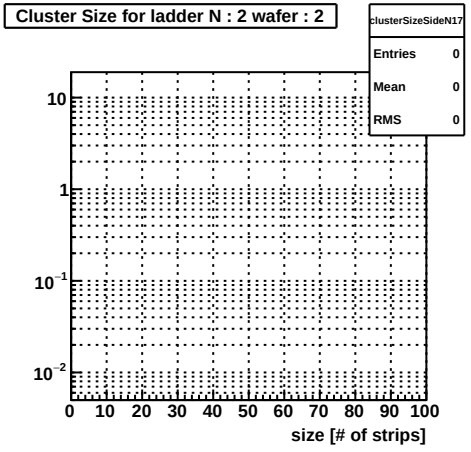

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

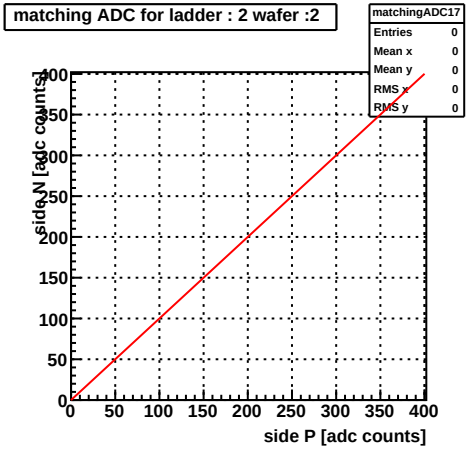

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

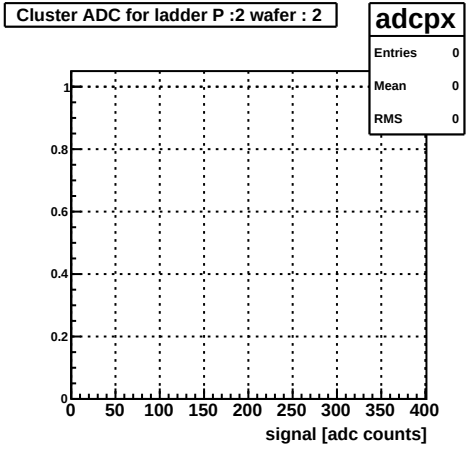

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

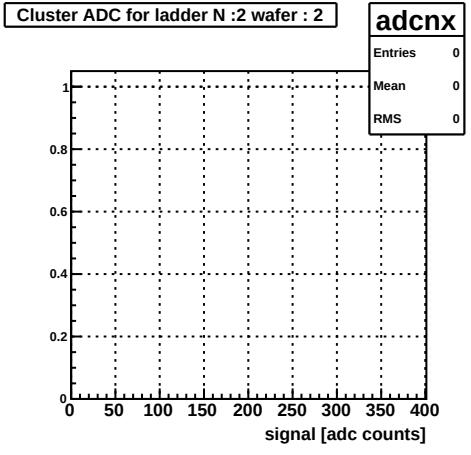

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

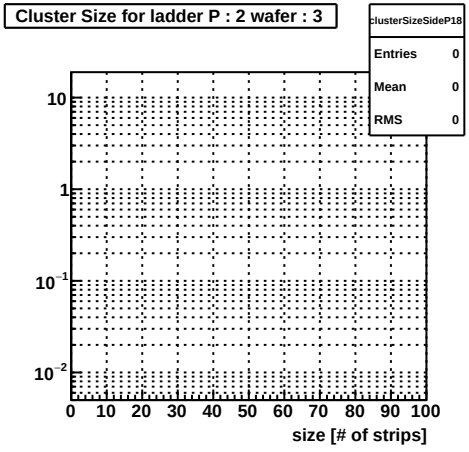

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

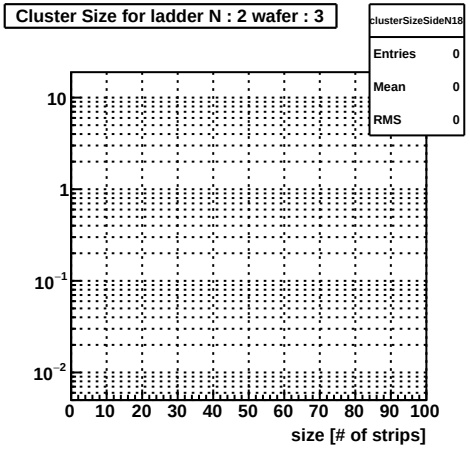

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

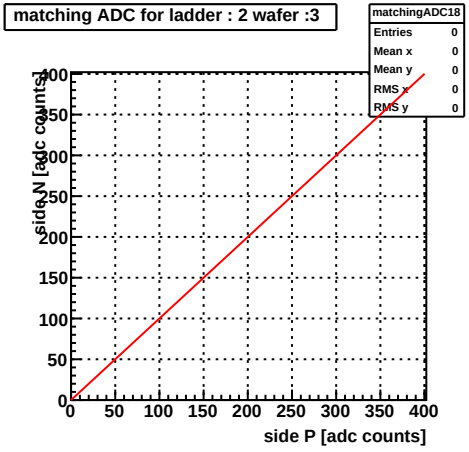

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

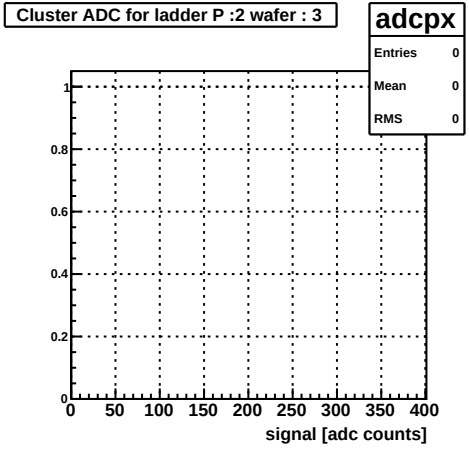

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

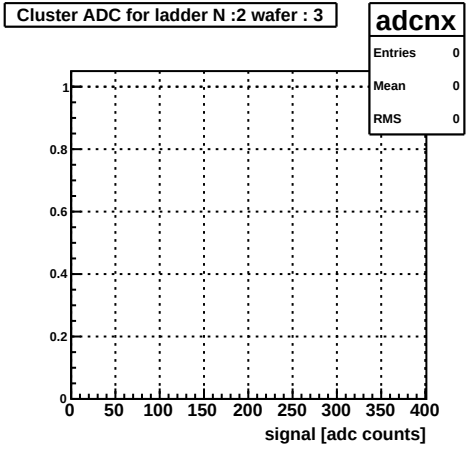

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

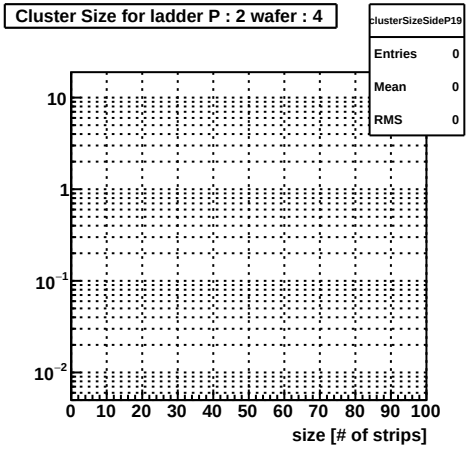

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

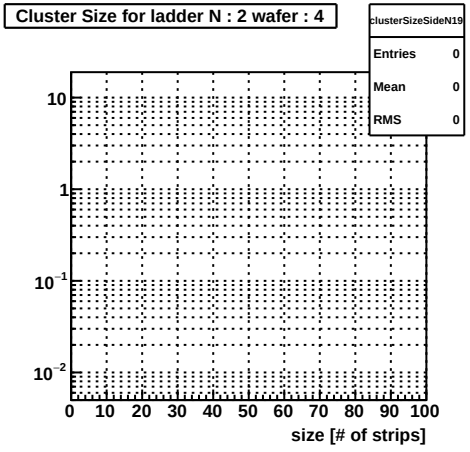

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

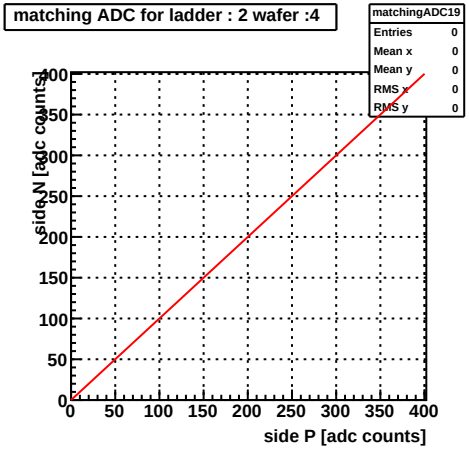

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

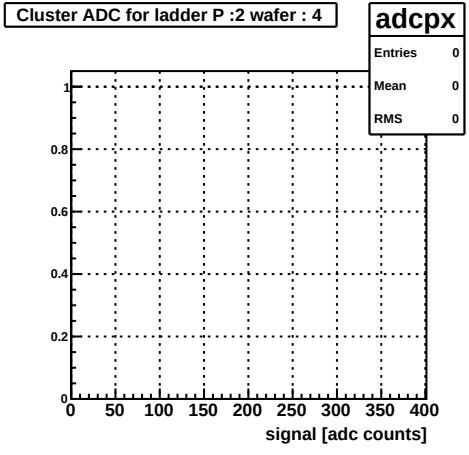

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

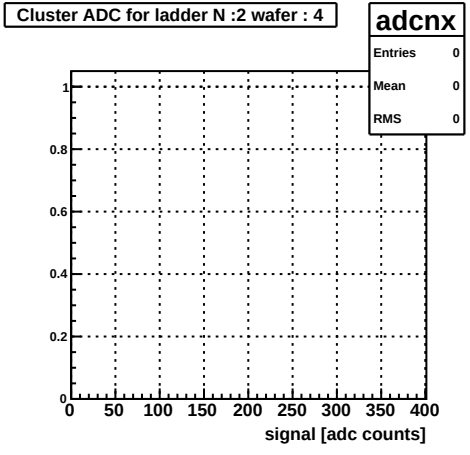

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

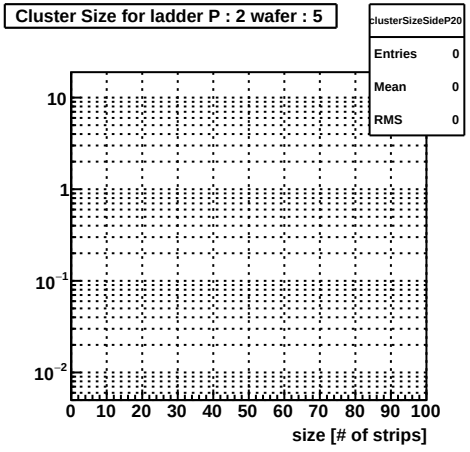

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

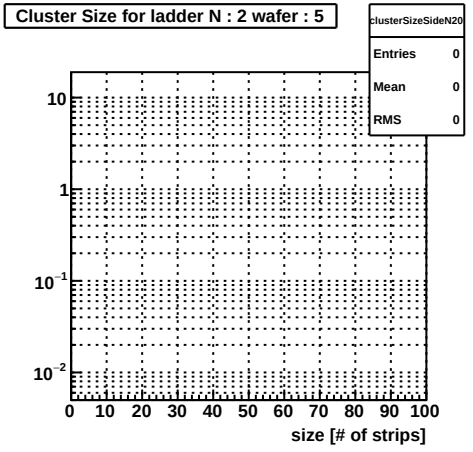

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

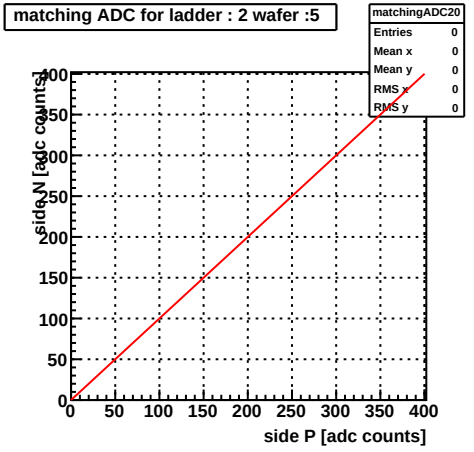

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

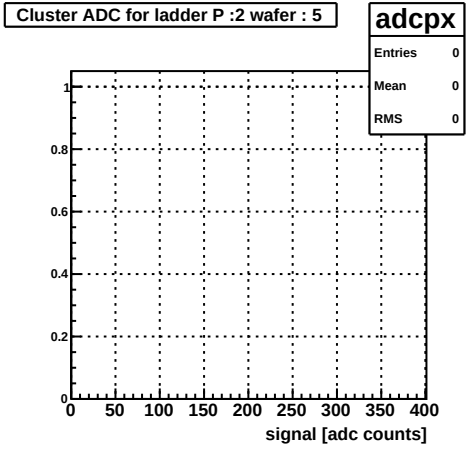

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

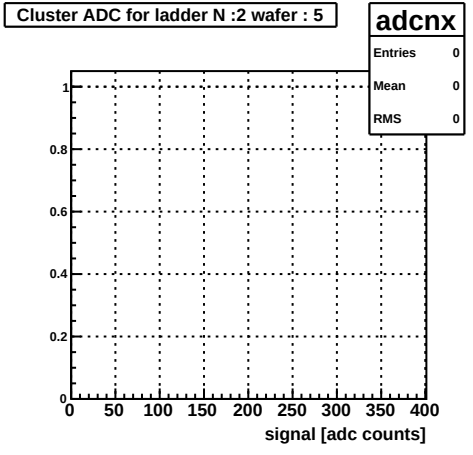

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

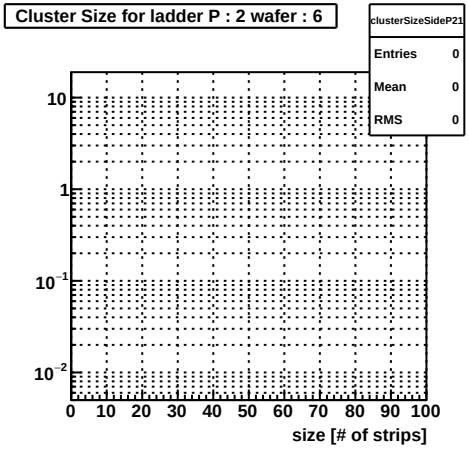

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

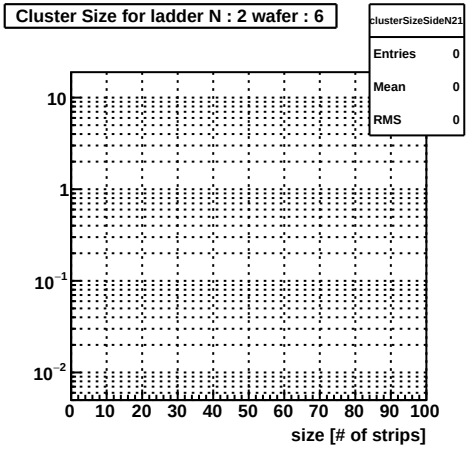

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

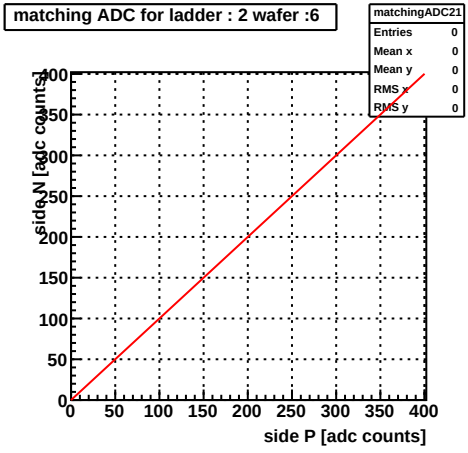

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

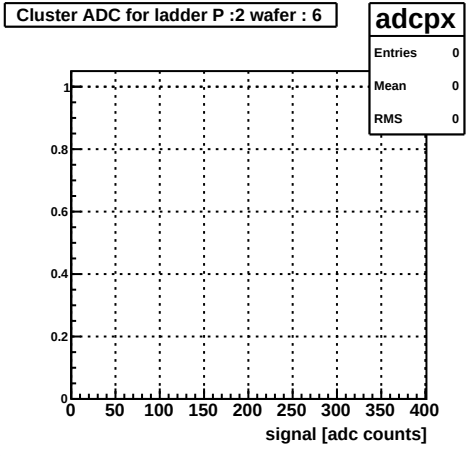

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

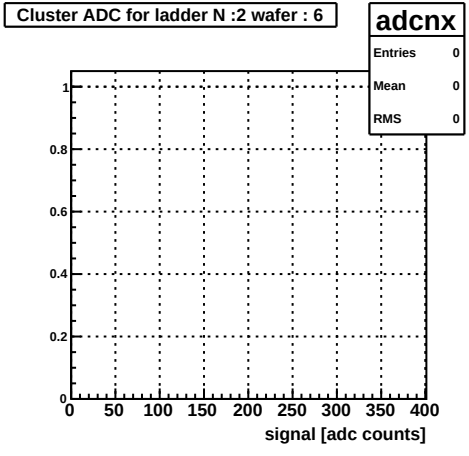

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

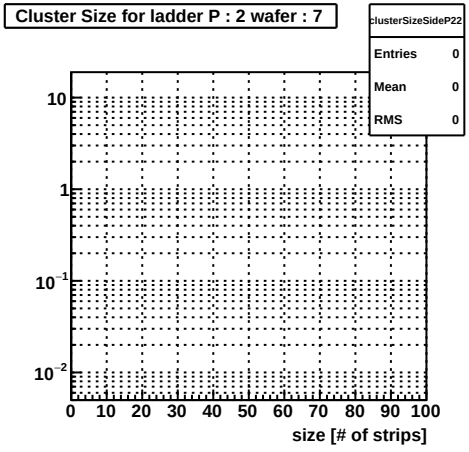

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

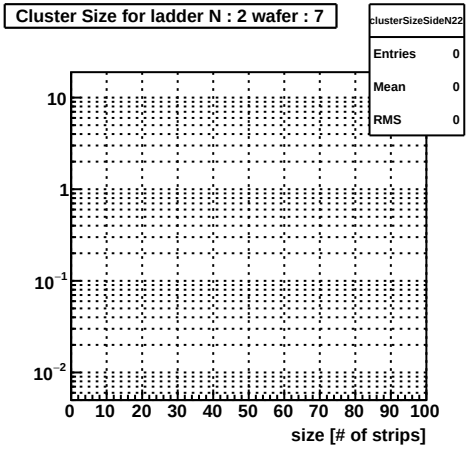

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

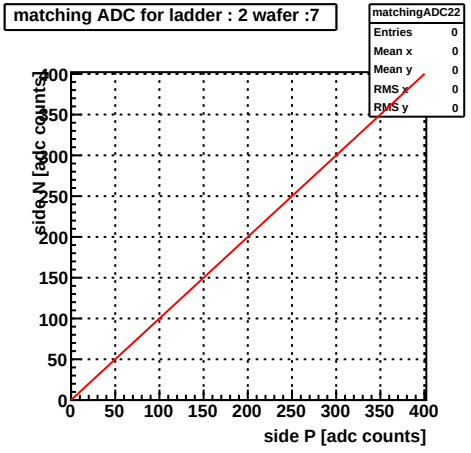

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

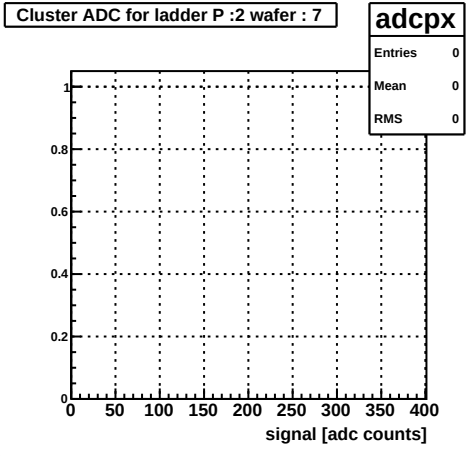

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

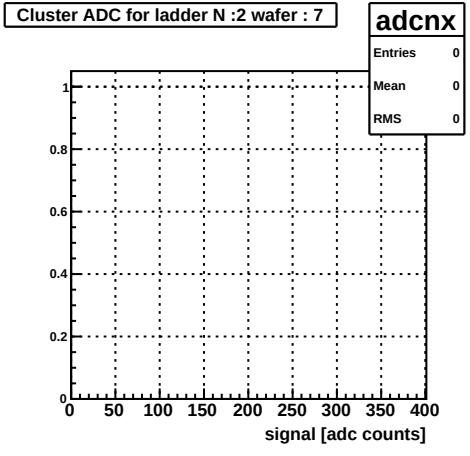

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

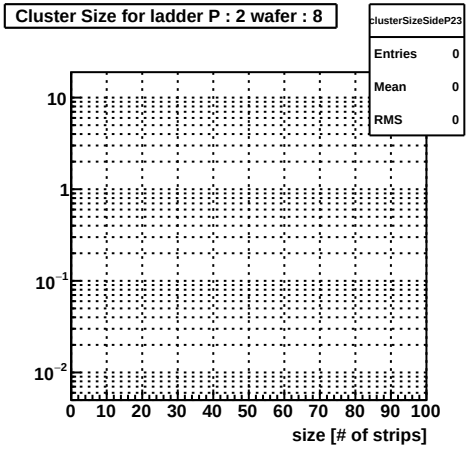

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

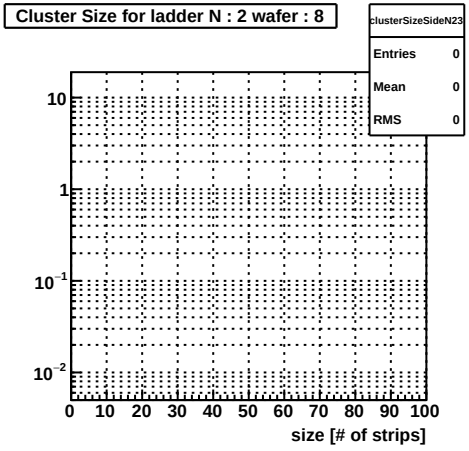

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

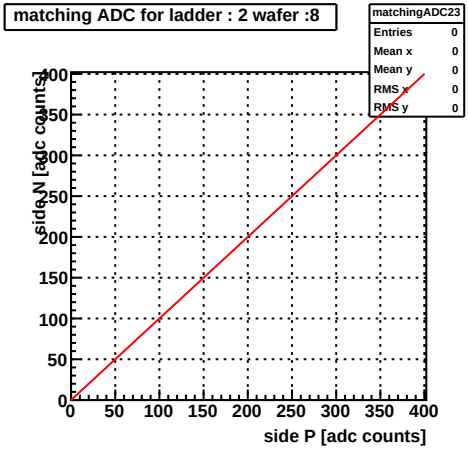

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

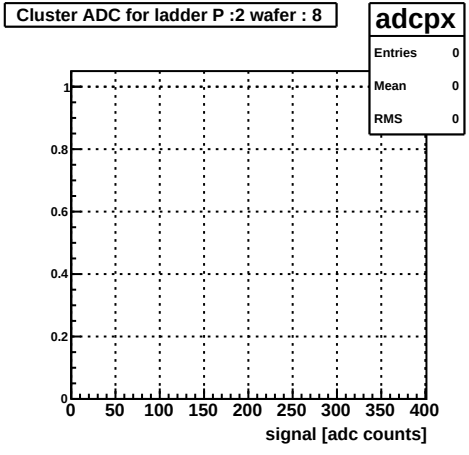

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

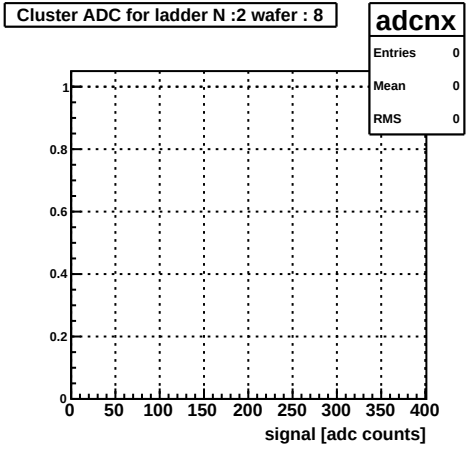

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

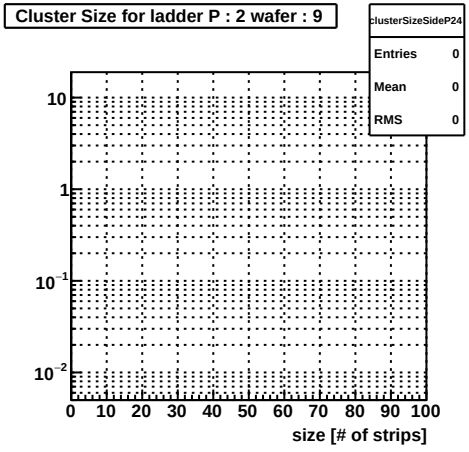

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

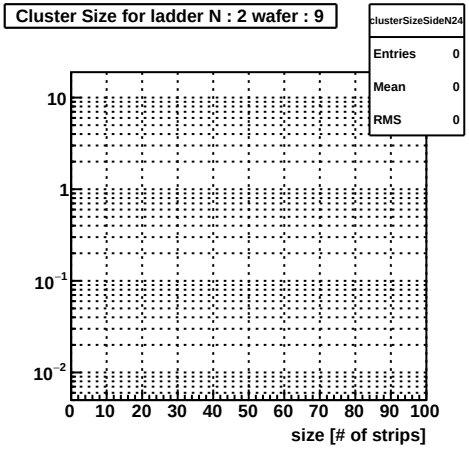

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

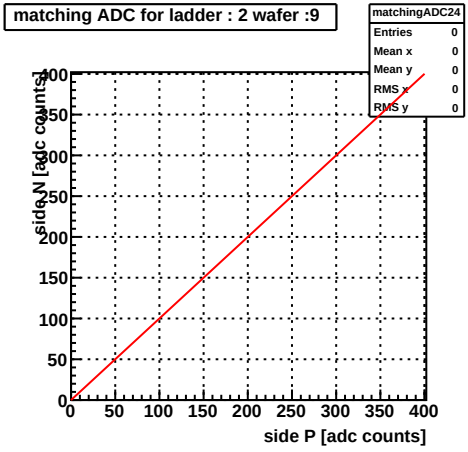

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

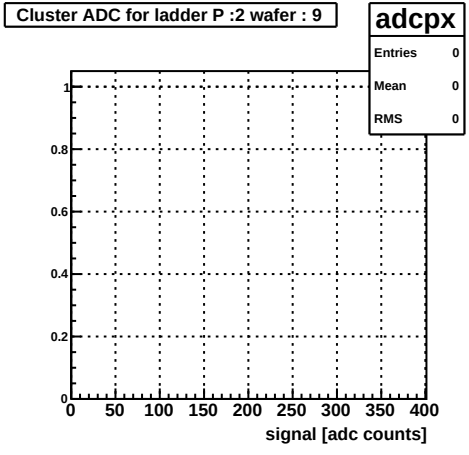

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

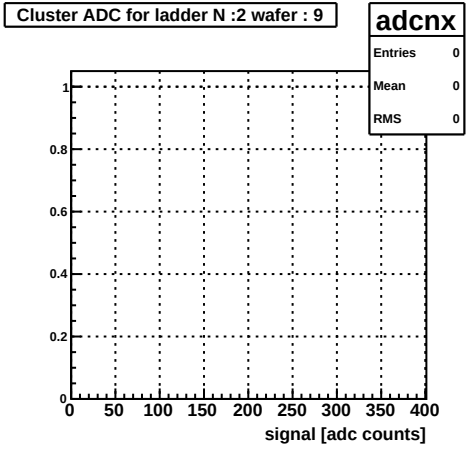

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

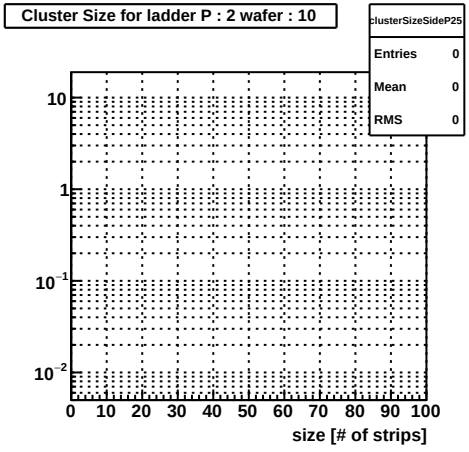

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

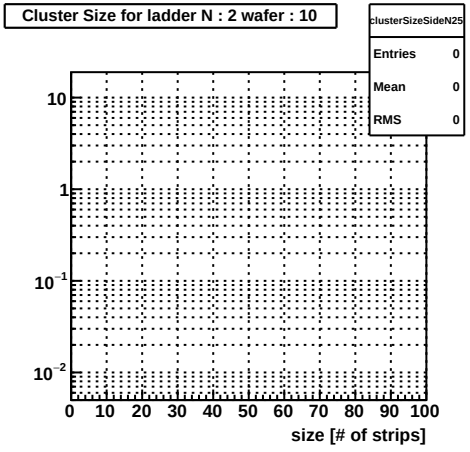

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

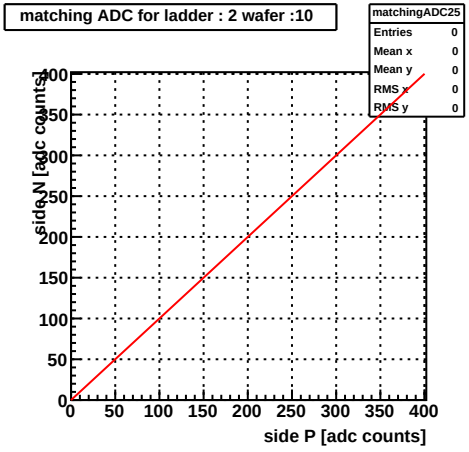

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

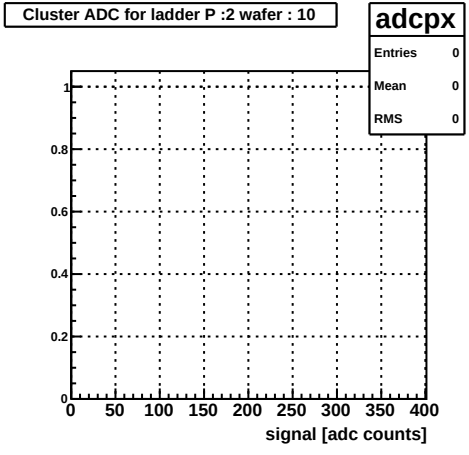

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

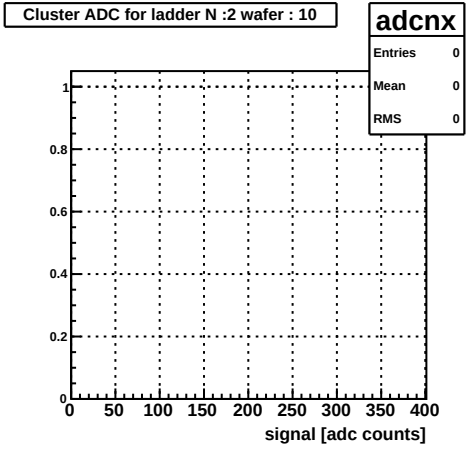

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

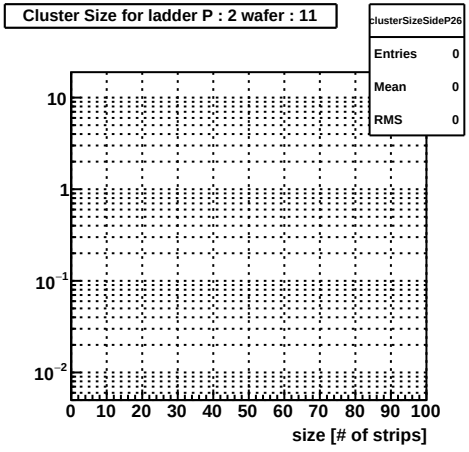

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

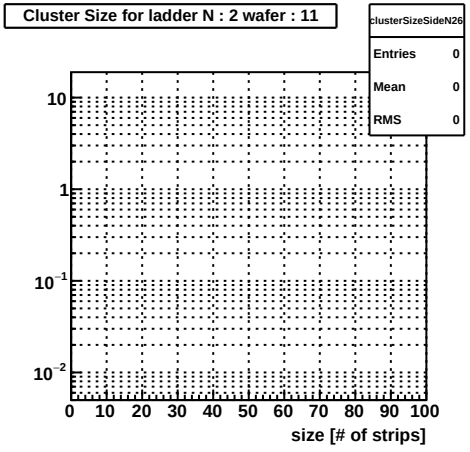

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

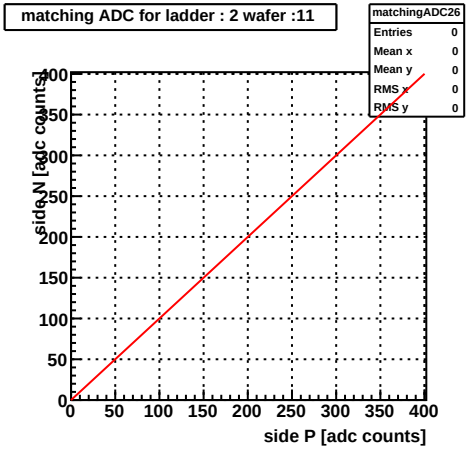

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

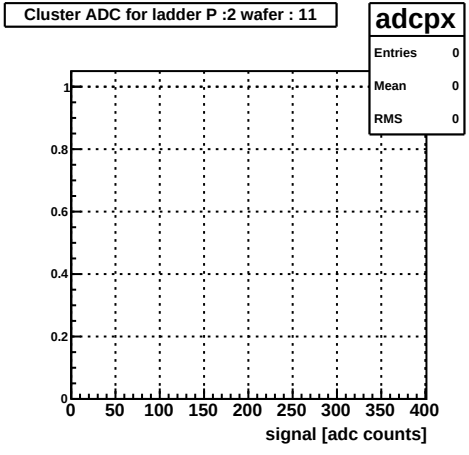

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

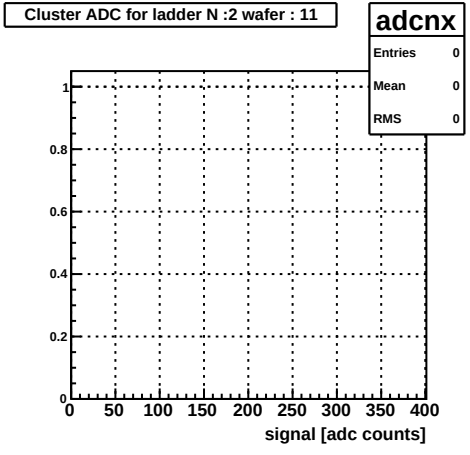

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

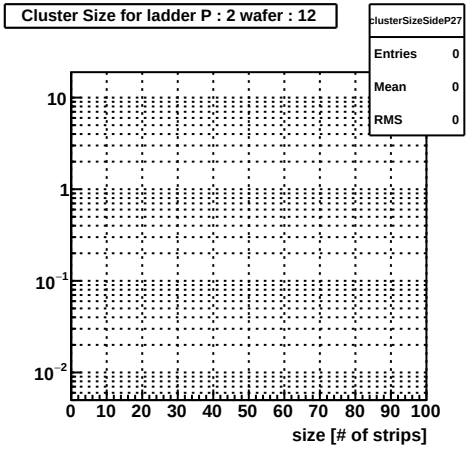

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

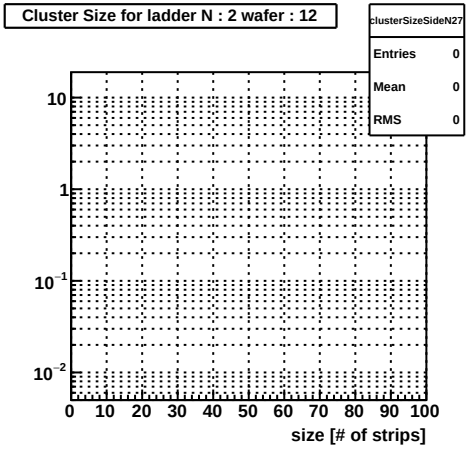

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

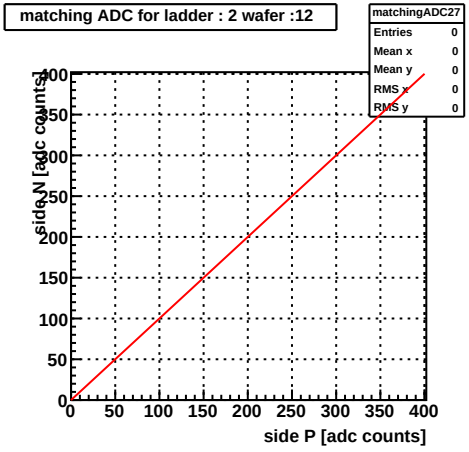

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

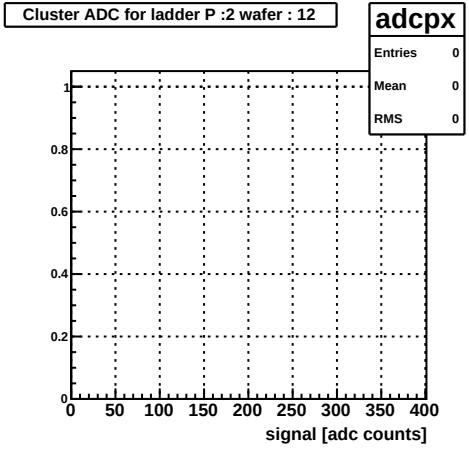

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

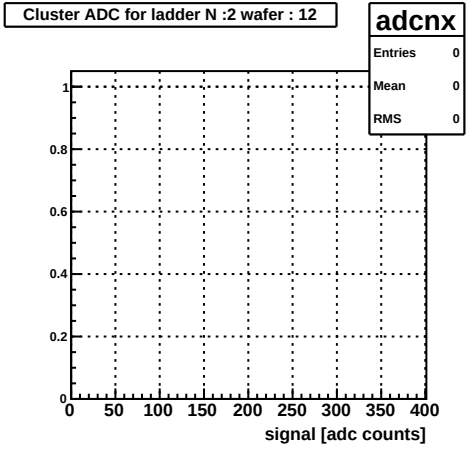

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

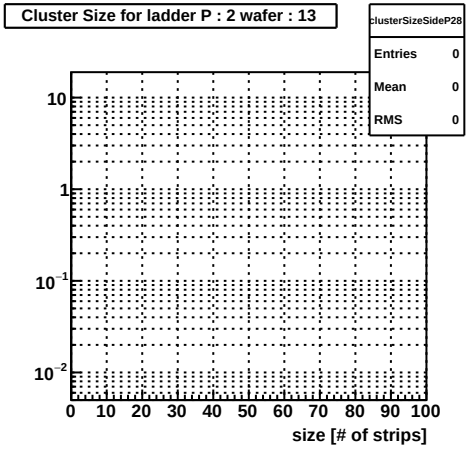

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

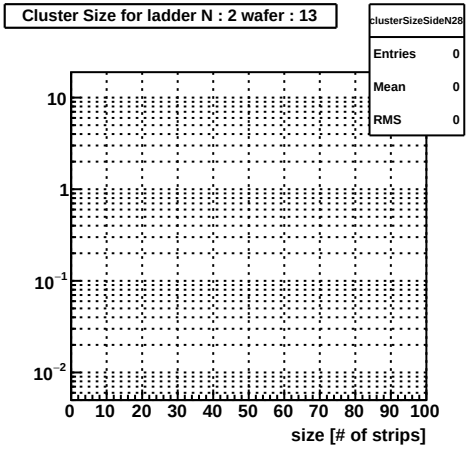

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

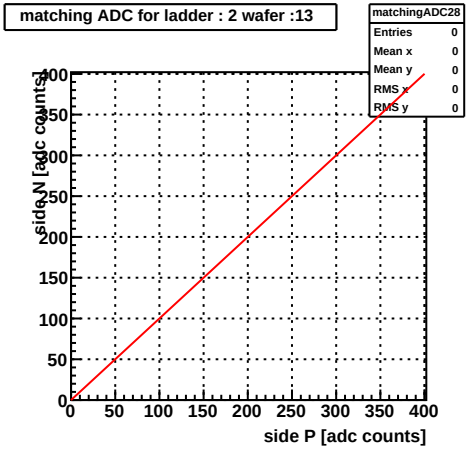

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

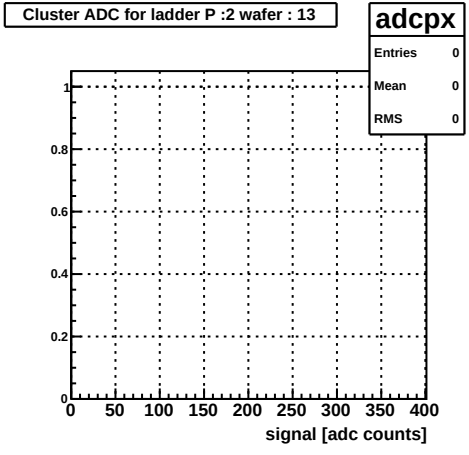

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

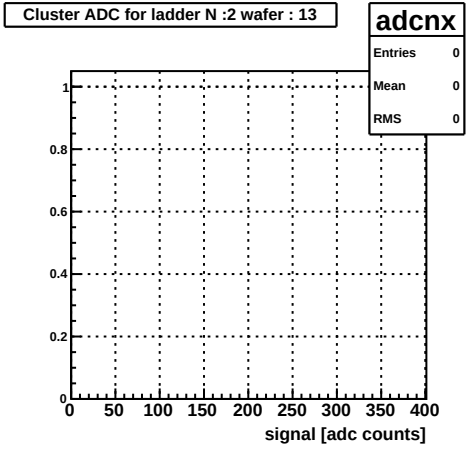

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

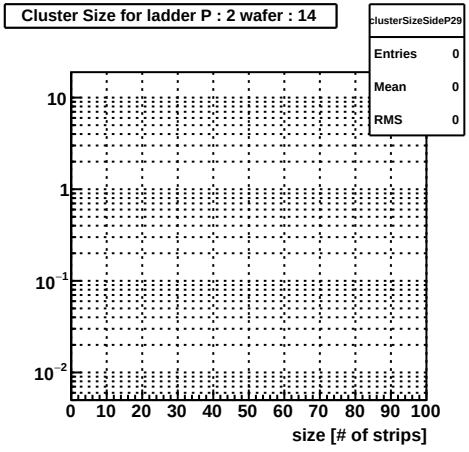

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

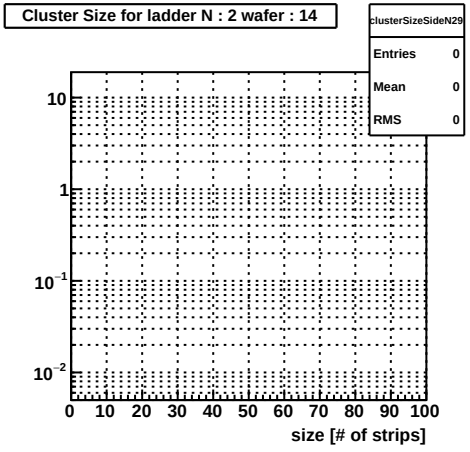

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

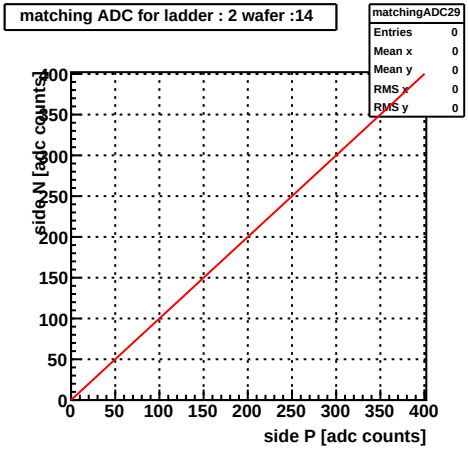

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

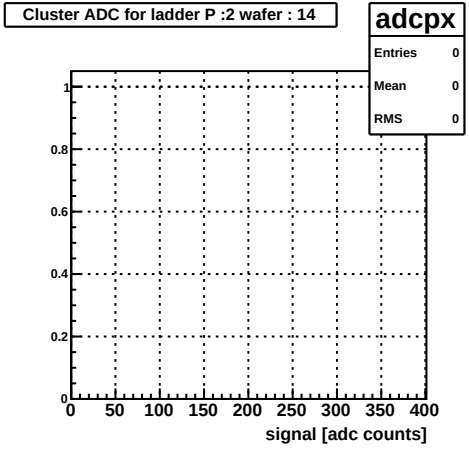

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

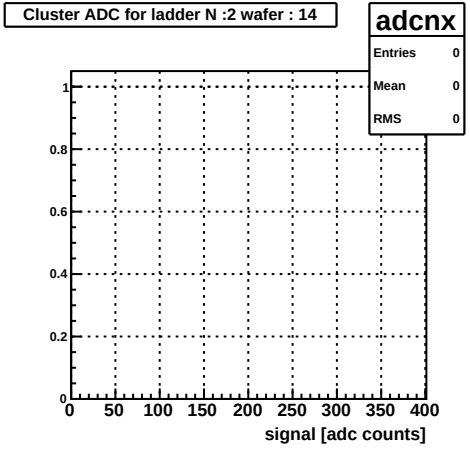

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

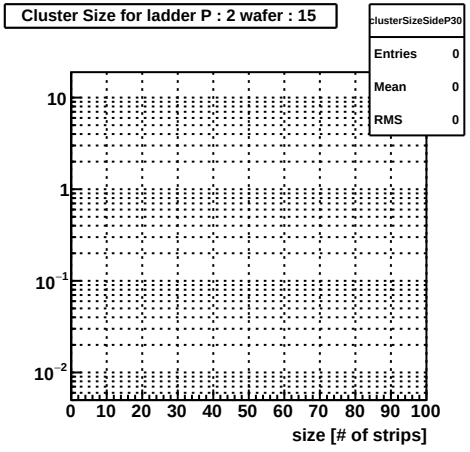

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

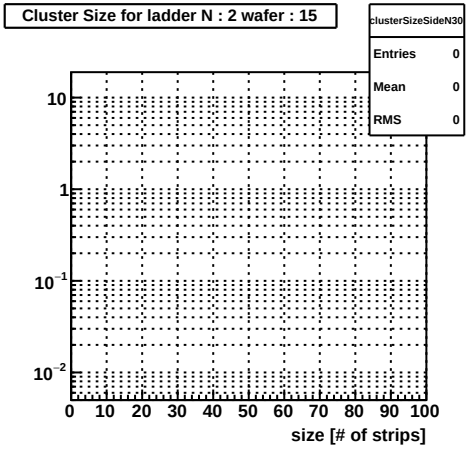

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

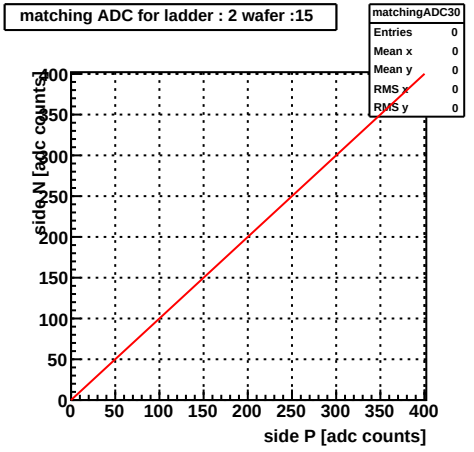

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

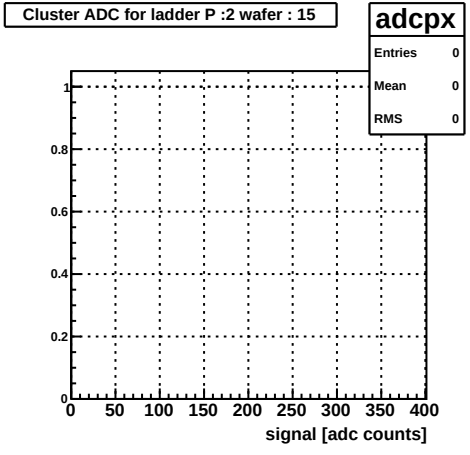

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

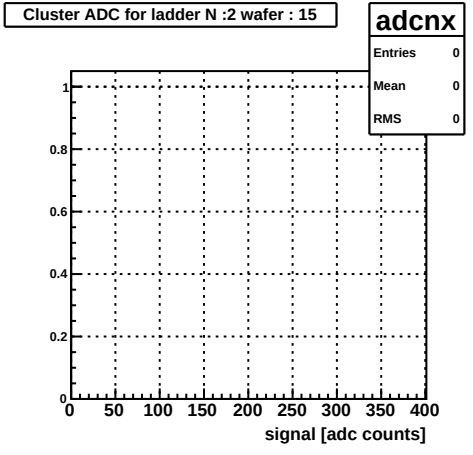

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

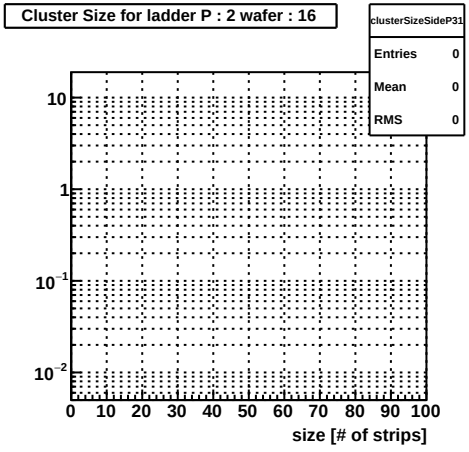

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

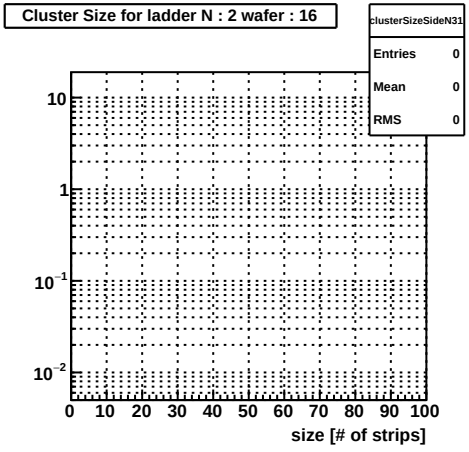

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

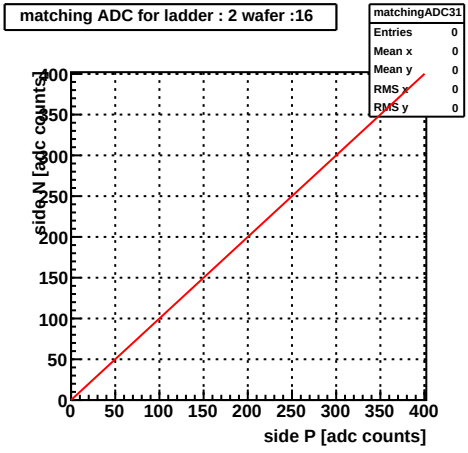

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

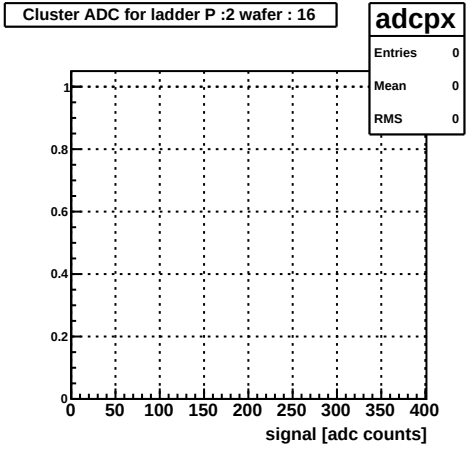

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

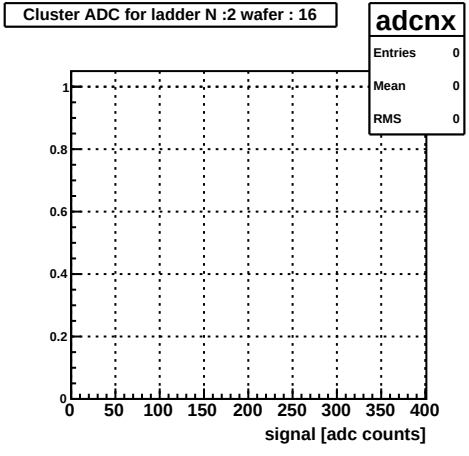

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

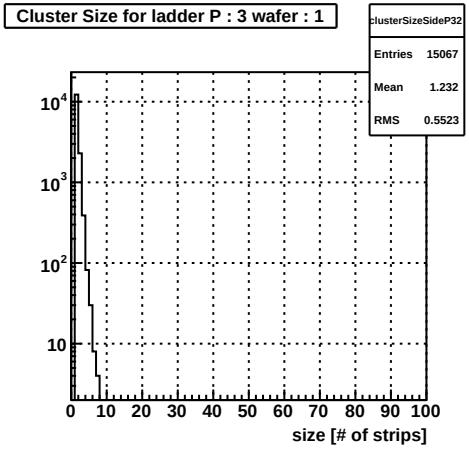

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

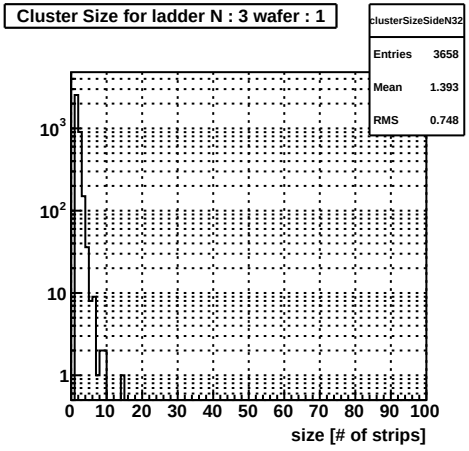

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

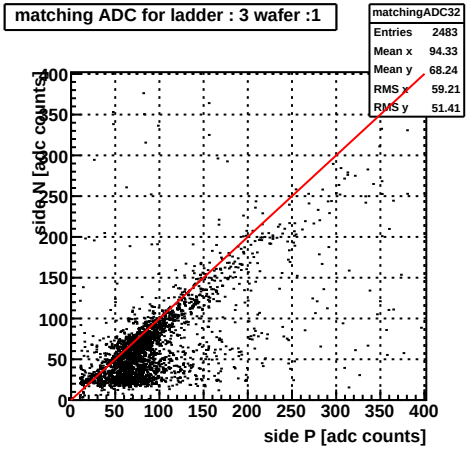

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

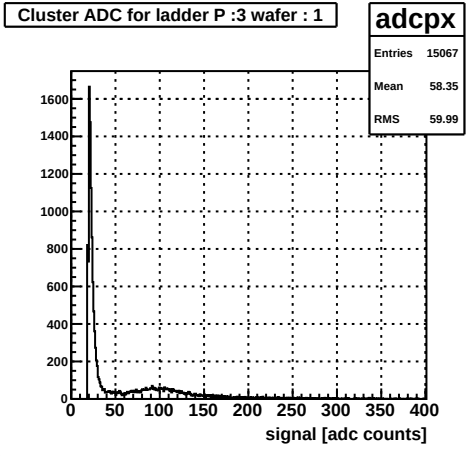

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

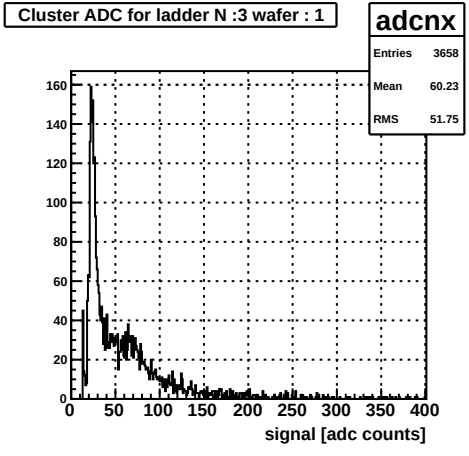

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

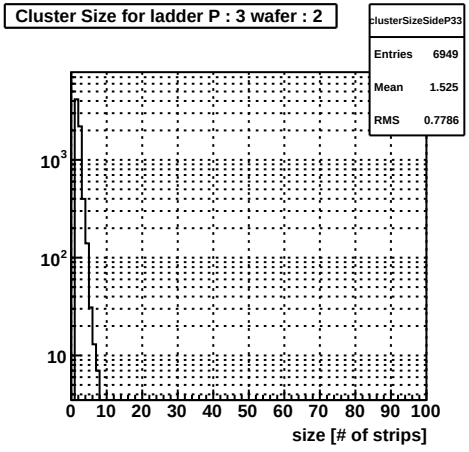

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15067
Mean 1.232
RMS 0.5523
size [# of strips]

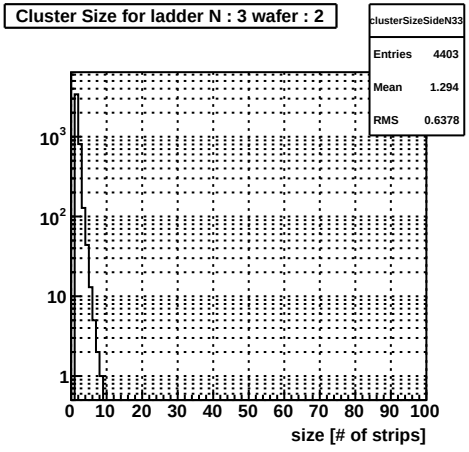

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3658
Mean 1.393
RMS 0.748
size [# of strips]

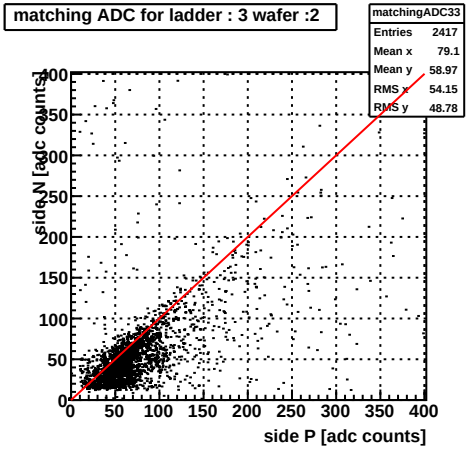

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2483
Mean x 94.33
Mean y 68.24
RMS x 59.21
RMS y 51.41
side N [adc counts]
side P [adc counts]

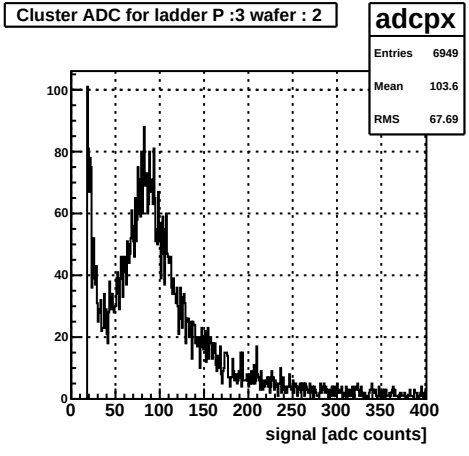

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15067
Mean 58.35
RMS 59.99
signal [adc counts]

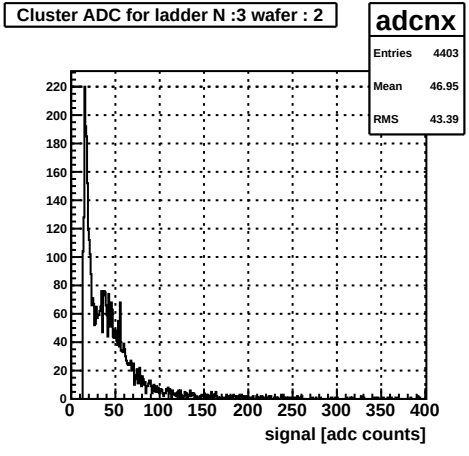

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3658
Mean 60.23
RMS 51.75
signal [adc counts]

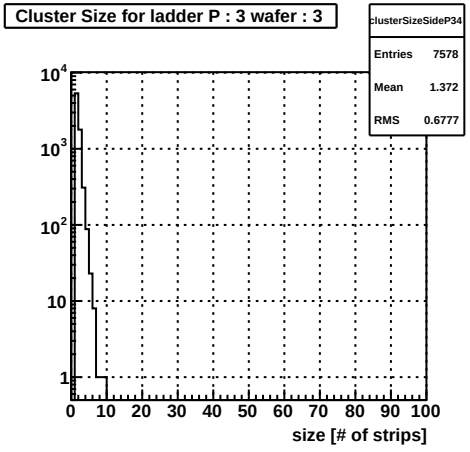

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 6949
Mean 1.525
RMS 0.7786
size [# of strips]

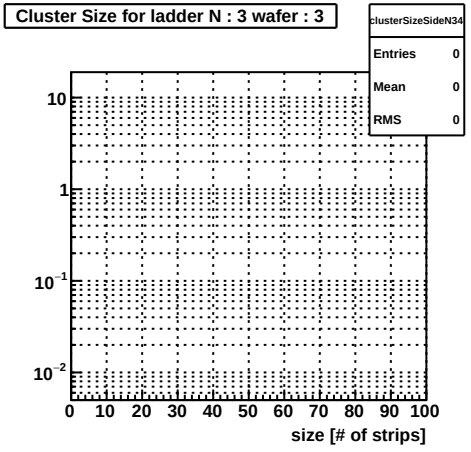

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 4403
Mean 1.294
RMS 0.6378
size [# of strips]

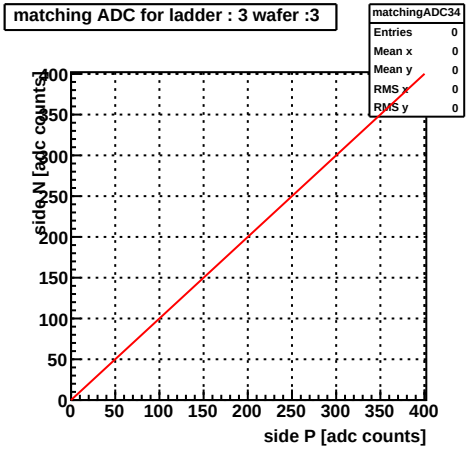

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2417
Mean x 79.1
Mean y 58.97
RMS x 54.15
RMS y 48.78
side N [adc counts]
side P [adc counts]

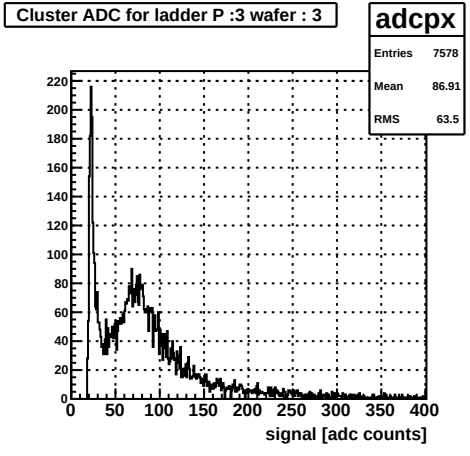

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 6949
Mean 103.6
RMS 67.69
signal [adc counts]

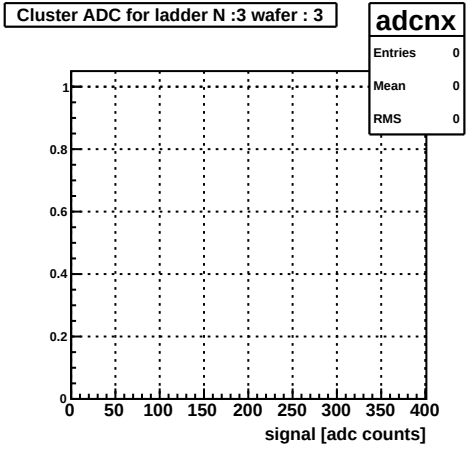

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 4403
Mean 46.95
RMS 43.39
signal [adc counts]

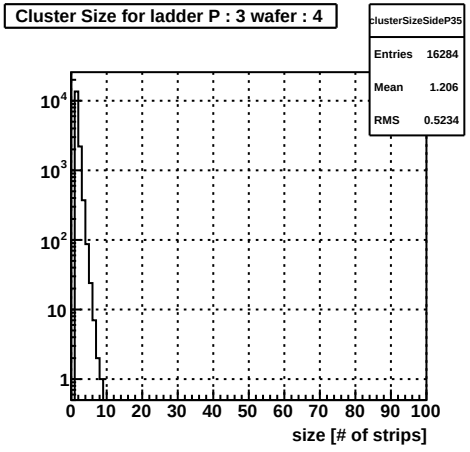

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 7578
Mean 1.372
RMS 0.6777
size [# of strips]

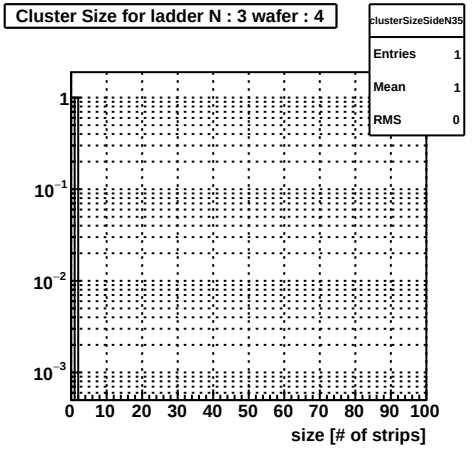

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

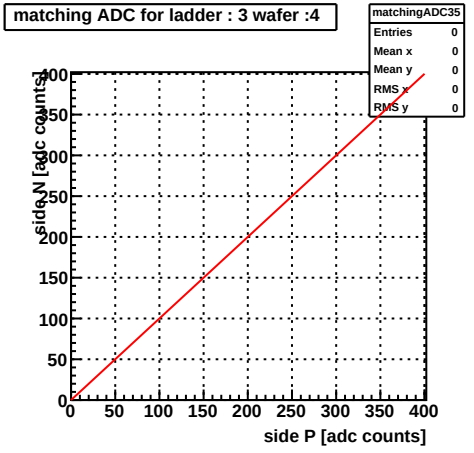

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

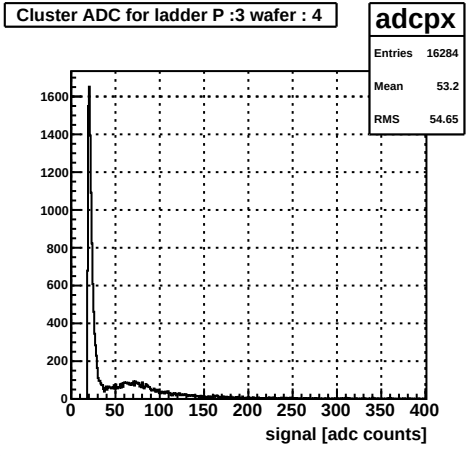

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 7578
Mean 86.91
RMS 63.5
signal [adc counts]

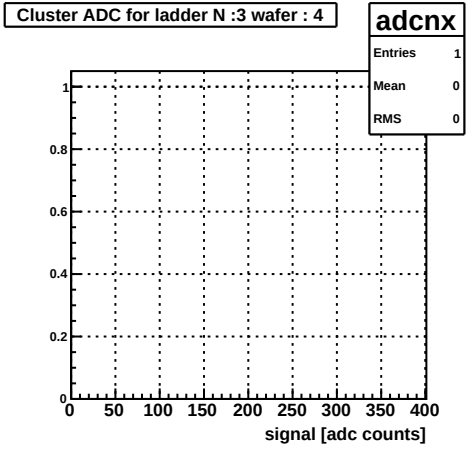

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

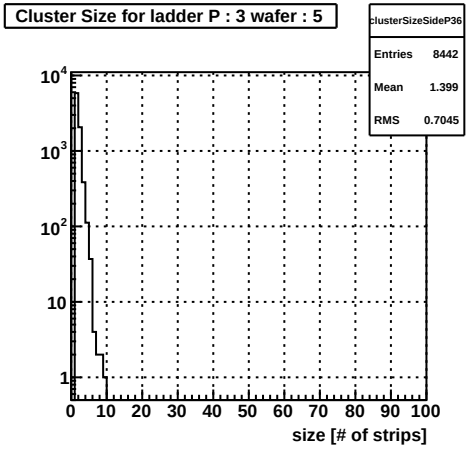

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 16284
Mean 1.206
RMS 0.5234
size [# of strips]

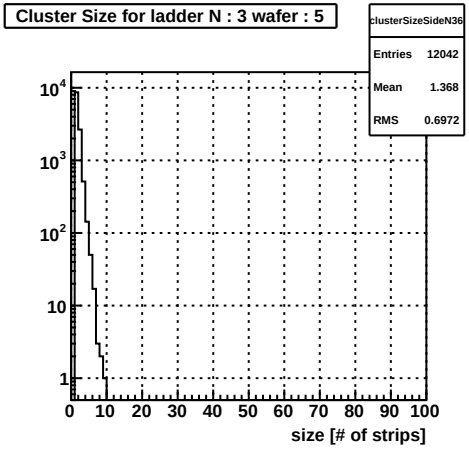

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

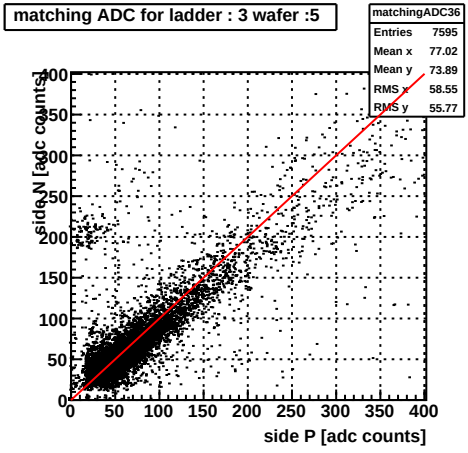

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

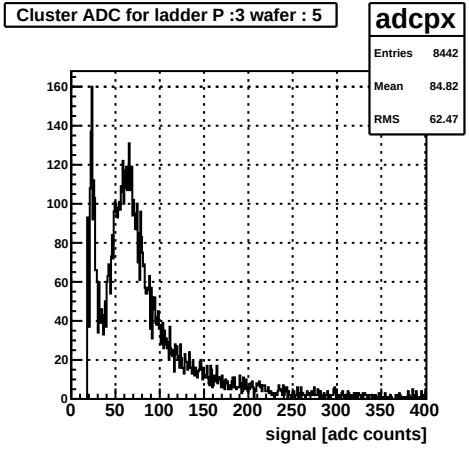

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 16284
Mean 53.2
RMS 54.65
signal [adc counts]

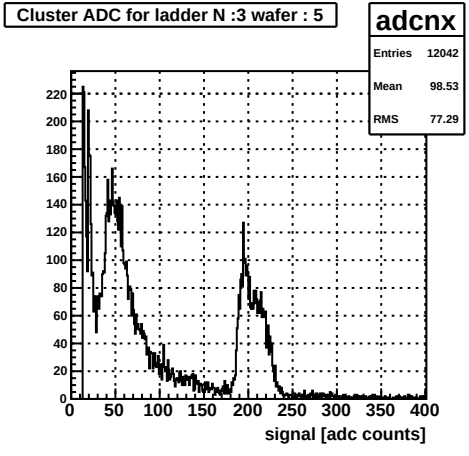

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

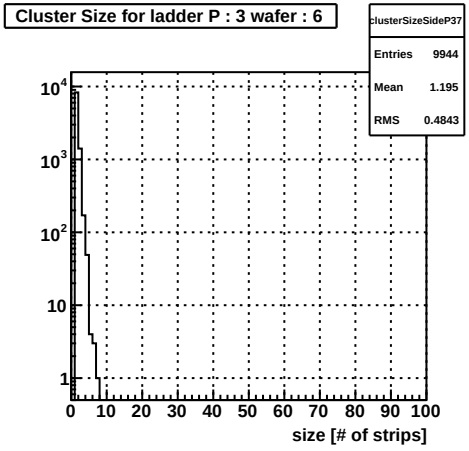

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 8442
Mean 1.399
RMS 0.7045
size [# of strips]

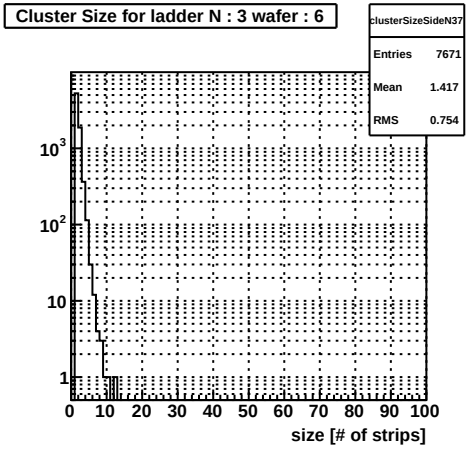

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 12042
Mean 1.368
RMS 0.6972
size [# of strips]

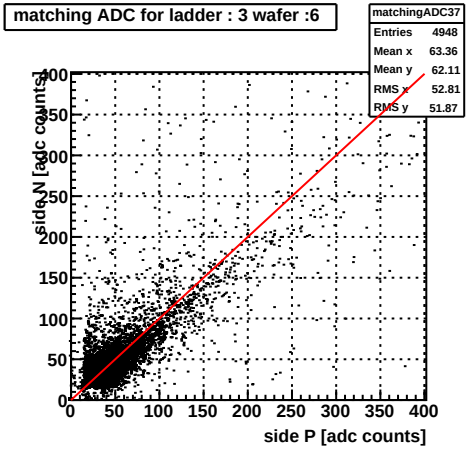

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 7595
Mean x 77.02
Mean y 73.89
RMS x 58.55
RMS y 55.77
side N [adc counts]
side P [adc counts]

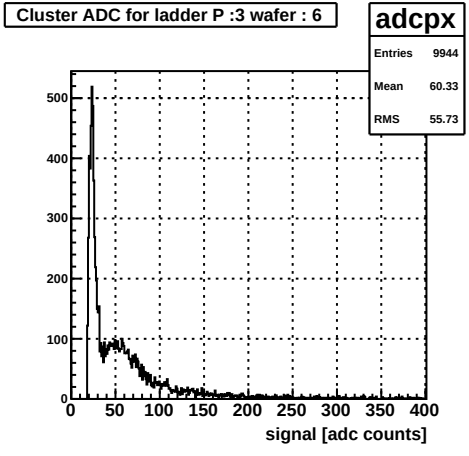

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 8442
Mean 84.82
RMS 62.47
signal [adc counts]

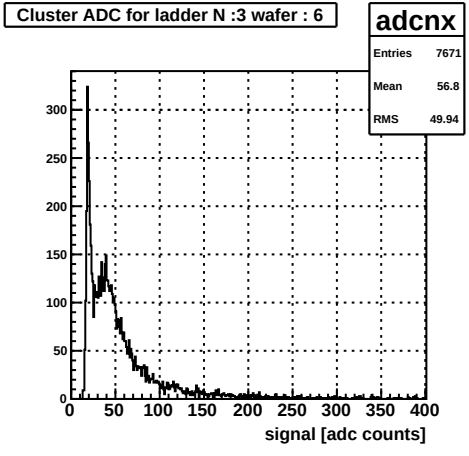

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 12042
Mean 98.53
RMS 77.29
signal [adc counts]

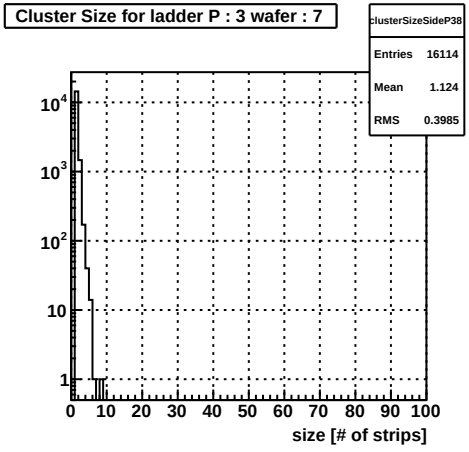

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 9944
Mean 1.195
RMS 0.4843
size [# of strips]

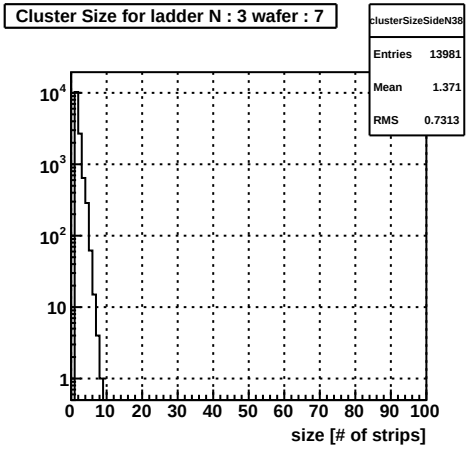

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 7671
Mean 1.417
RMS 0.754
size [# of strips]

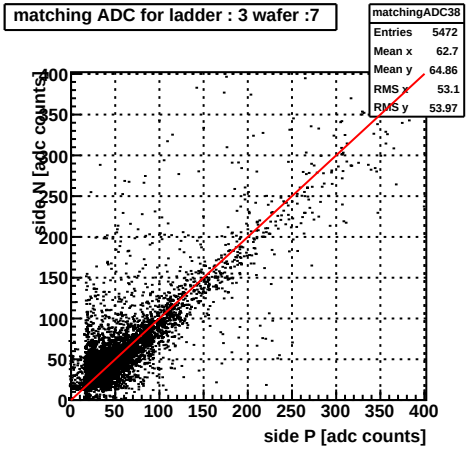

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4948
Mean x 63.36
Mean y 62.11
RMS x 52.81
RMS y 51.87
side N [adc counts]
side P [adc counts]

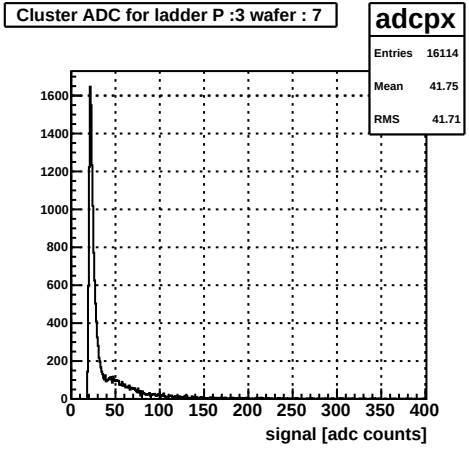

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 9944
Mean 60.33
RMS 55.73
signal [adc counts]

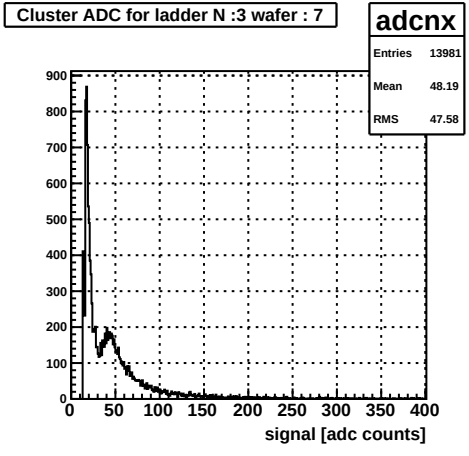

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 7671
Mean 56.8
RMS 49.94
signal [adc counts]

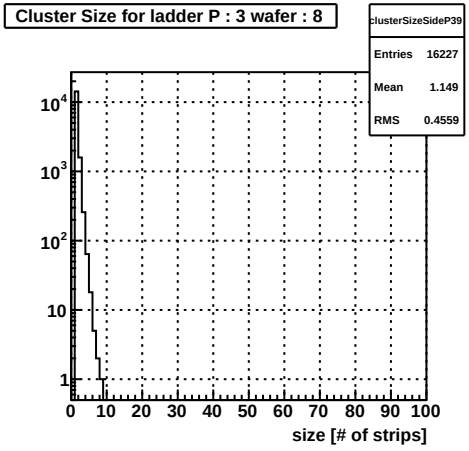

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 16114
Mean 1.124
RMS 0.3985
size [# of strips]

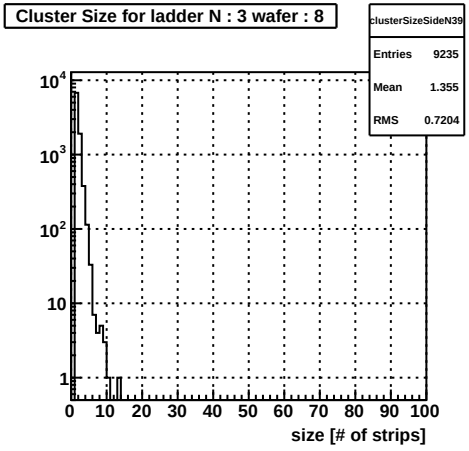

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13981
Mean 1.371
RMS 0.7313
size [# of strips]

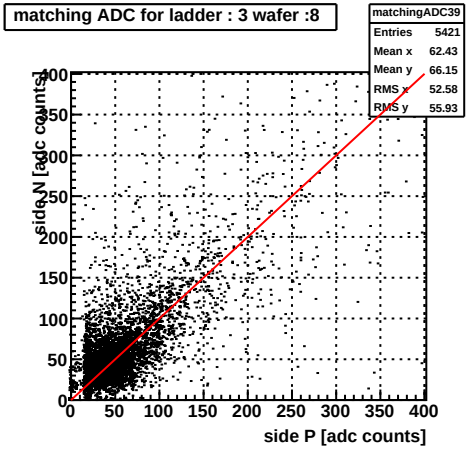

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5472
Mean x 62.7
Mean y 64.86
RMS x 53.1
RMS y 53.97
side N [adc counts]
side P [adc counts]

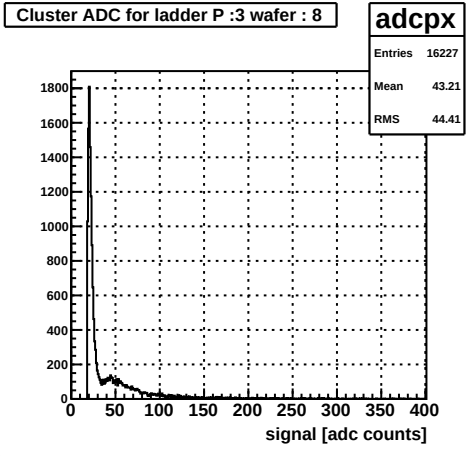

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 16114
Mean 41.75
RMS 41.71
signal [adc counts]

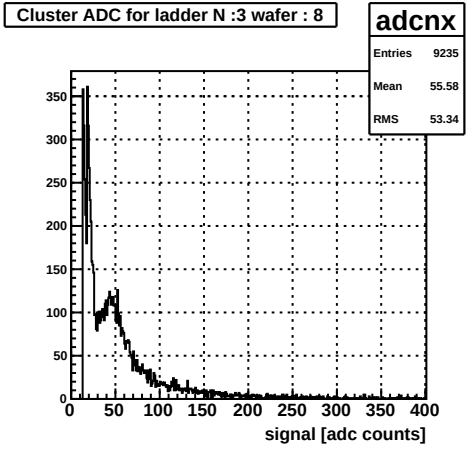

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13981
Mean 48.19
RMS 47.58
signal [adc counts]

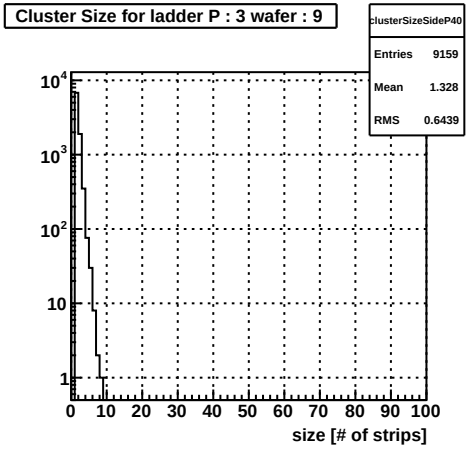

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 16227
Mean 1.149
RMS 0.4559
size [# of strips]

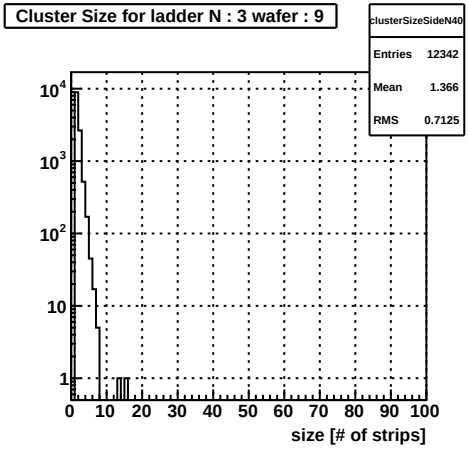

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 9235
Mean 1.355
RMS 0.7204
size [# of strips]

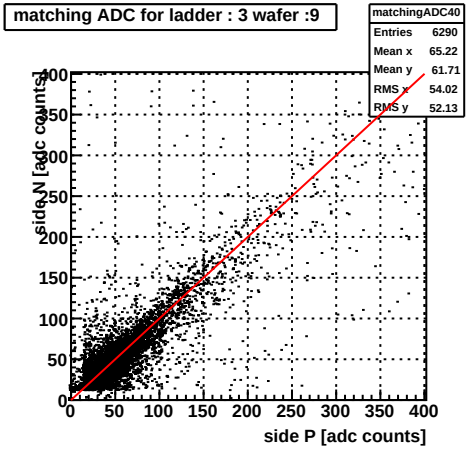

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 5421
Mean x 62.43
Mean y 66.15
RMS x 52.58
RMS y 55.93
side N [adc counts]
side P [adc counts]

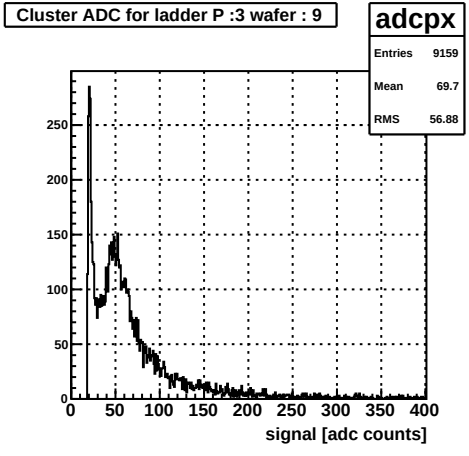

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 16227
Mean 43.21
RMS 44.41
signal [adc counts]

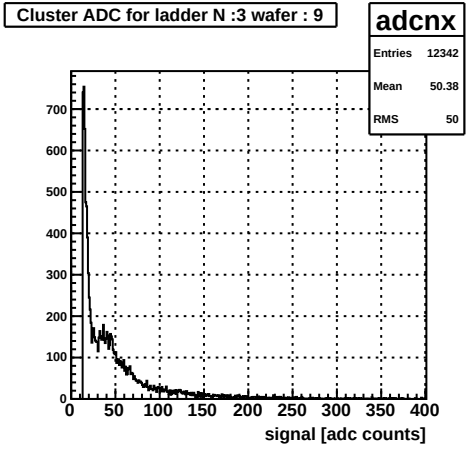

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 9235
Mean 55.58
RMS 53.34
signal [adc counts]

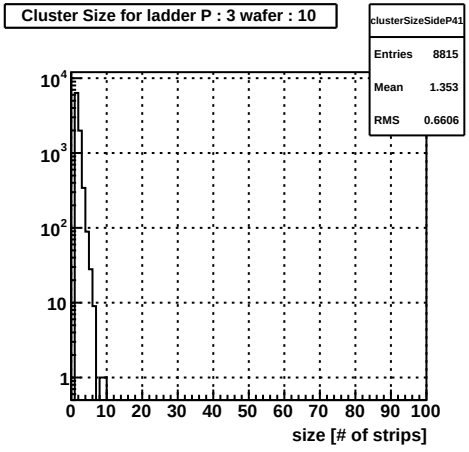

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9159
Mean 1.328
RMS 0.6439
size [# of strips]

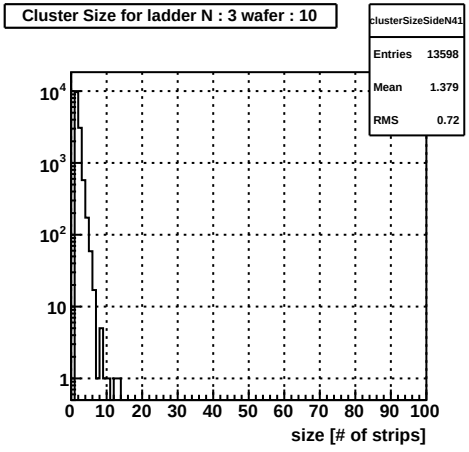

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 12342
Mean 1.366
RMS 0.7125
size [# of strips]

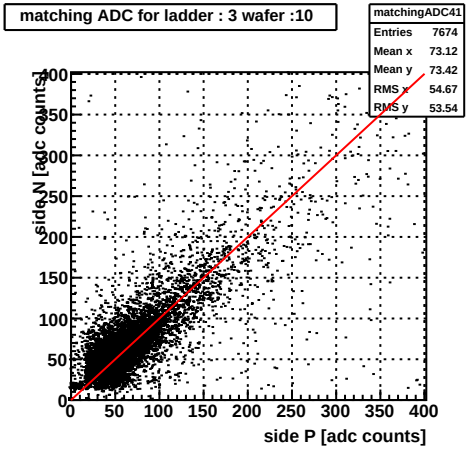

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 6290
Mean x 65.22
Mean y 61.71
RMS x 54.02
RMS y 52.13
side N [adc counts]
side P [adc counts]

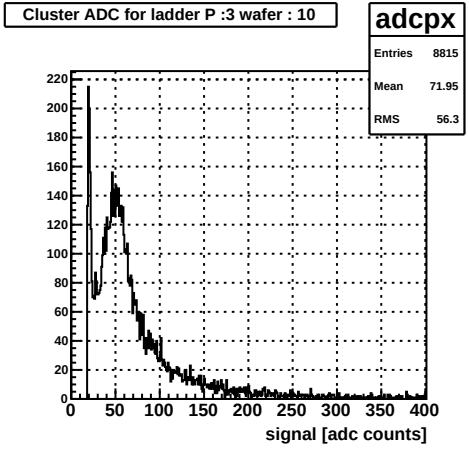

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9159
Mean 69.7
RMS 56.88
signal [adc counts]

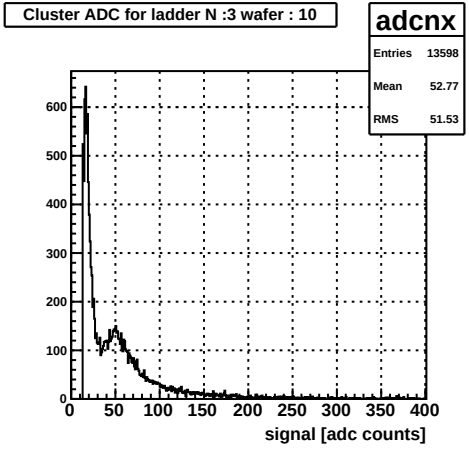

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 12342
Mean 50.38
RMS 50
signal [adc counts]

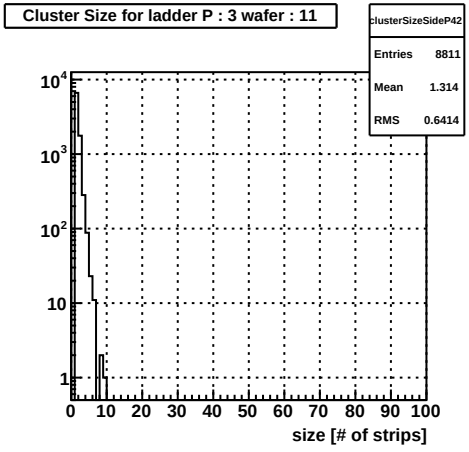

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 8815
Mean 1.353
RMS 0.6606
size [# of strips]

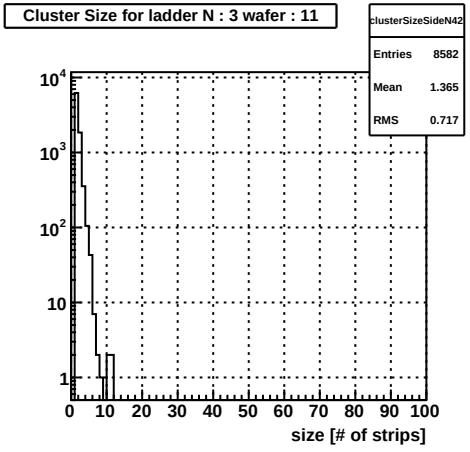

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 13598
Mean 1.379
RMS 0.72
size [# of strips]

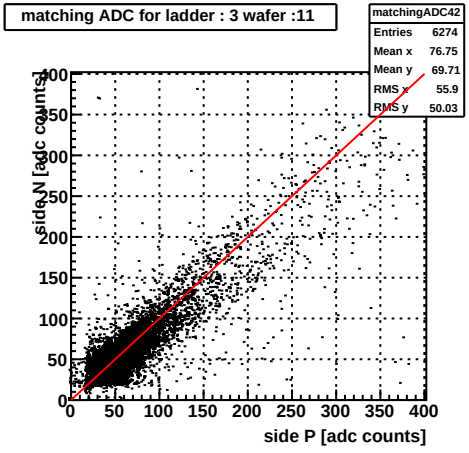

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7674
Mean x 73.12
Mean y 73.42
RMS x 54.67
RMS y 53.54
side N [adc counts]
side P [adc counts]

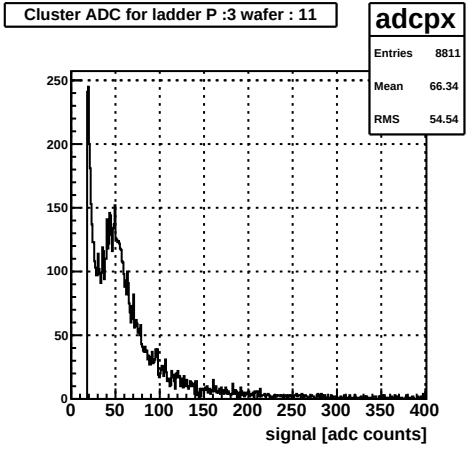

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 8815
Mean 71.95
RMS 56.3
signal [adc counts]

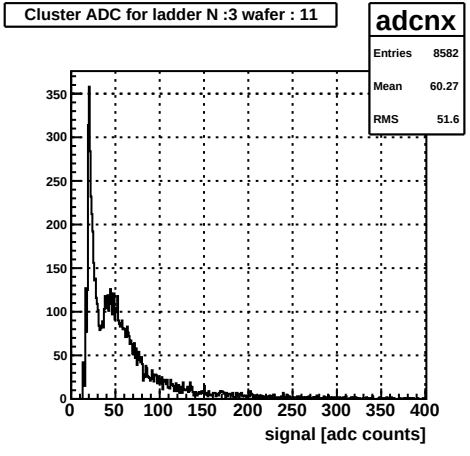

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 13598
Mean 52.77
RMS 51.53
signal [adc counts]

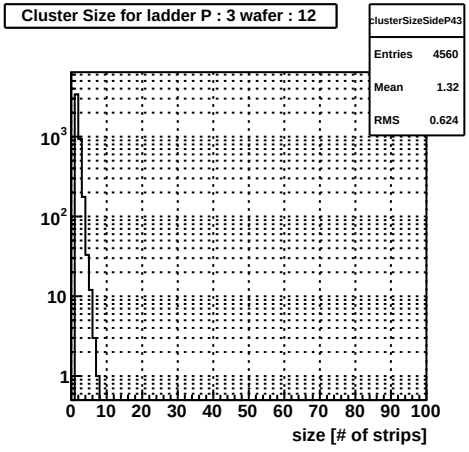

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 8811
Mean 1.314
RMS 0.6414
size [# of strips]

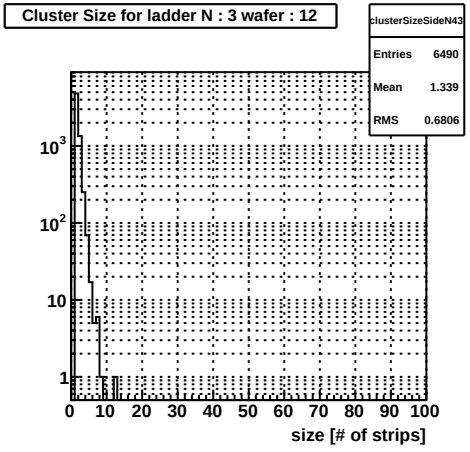

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 8582
Mean 1.365
RMS 0.717
size [# of strips]

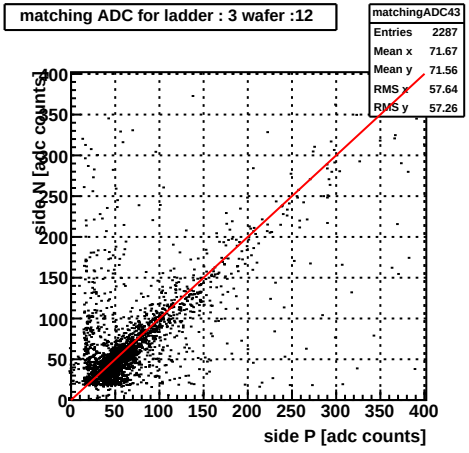

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 6274
Mean x 76.75
Mean y 69.71
RMS x 55.9
RMS y 50.03
side N [adc counts]
side P [adc counts]

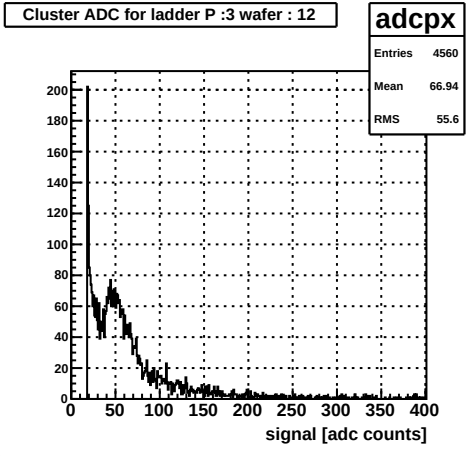

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 8811
Mean 66.34
RMS 54.54
signal [adc counts]

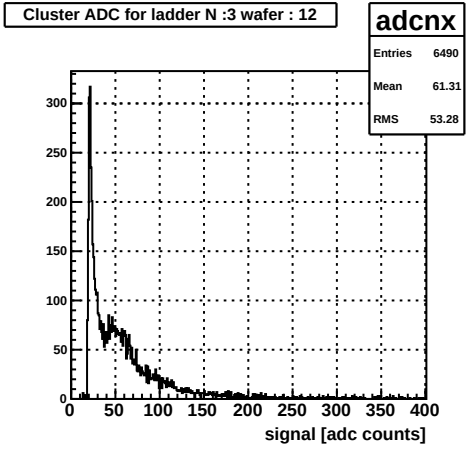

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 8582
Mean 60.27
RMS 51.6
signal [adc counts]

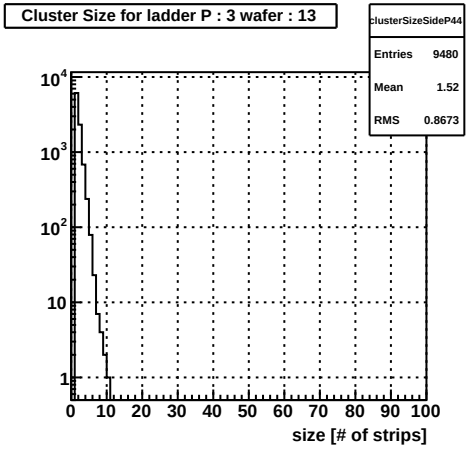

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 4560
Mean 1.32
RMS 0.624
size [# of strips]

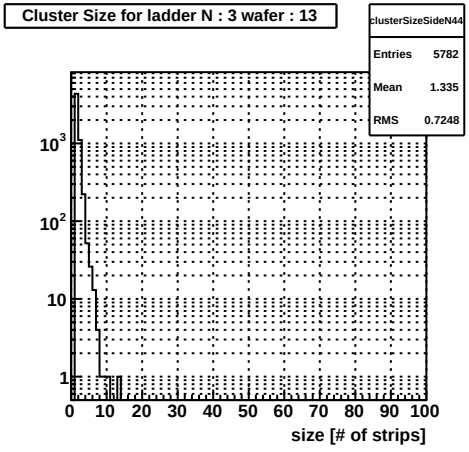

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 6490
Mean 1.339
RMS 0.6806
size [# of strips]

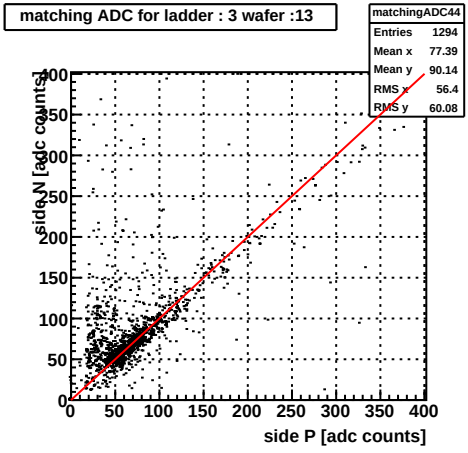

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2287
Mean x 71.67
Mean y 71.56
RMS x 57.64
RMS y 57.26
side N [adc counts]
side P [adc counts]

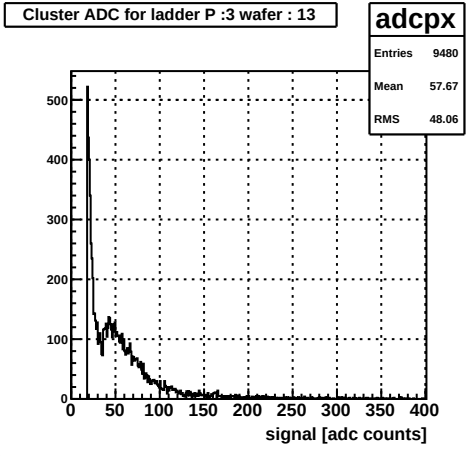

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 4560
Mean 66.94
RMS 55.6
signal [adc counts]

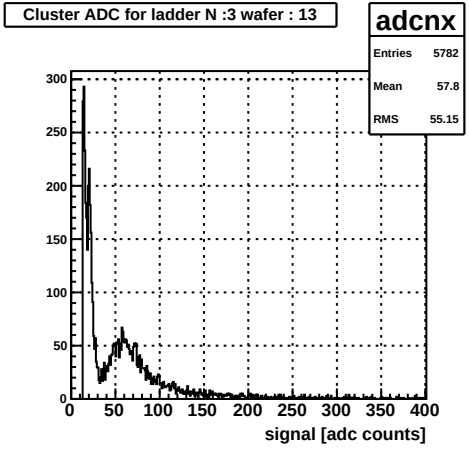

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 6490
Mean 61.31
RMS 53.28
signal [adc counts]

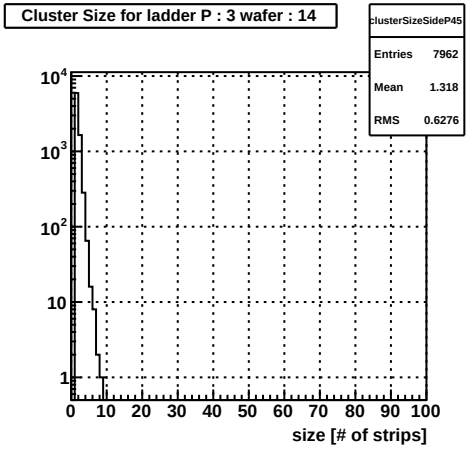

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 9480
Mean 1.52
RMS 0.8673
size [# of strips]

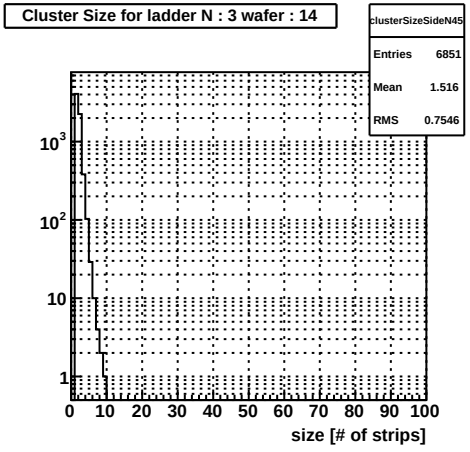

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 5782
Mean 1.335
RMS 0.7248
size [# of strips]

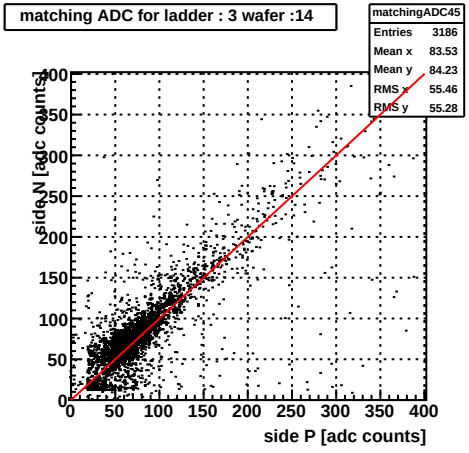

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1294
Mean x 77.39
Mean y 90.14
RMS x 56.4
RMS y 60.08
side N [adc counts]
side P [adc counts]

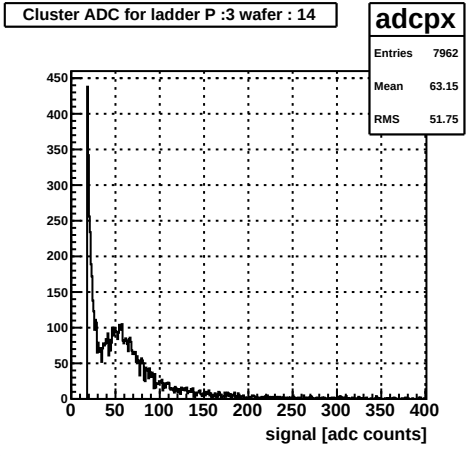

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 9480
Mean 57.67
RMS 48.06
signal [adc counts]

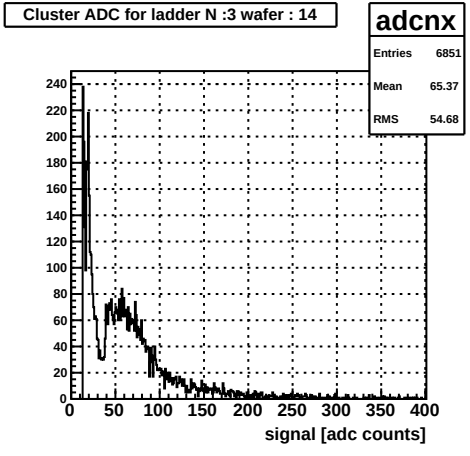

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 5782
Mean 57.8
RMS 55.15
signal [adc counts]

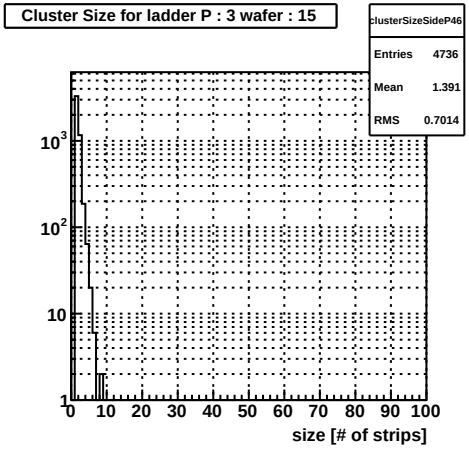

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7962
Mean 1.318
RMS 0.6276
size [# of strips]

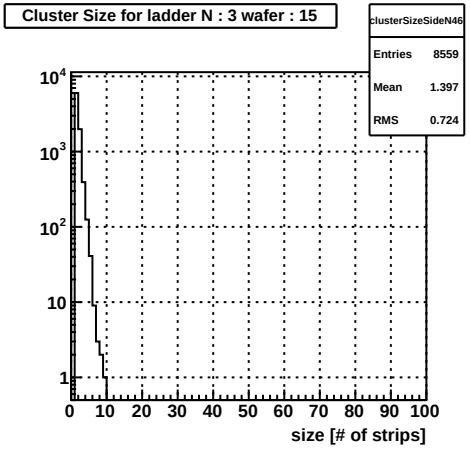

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 6851
Mean 1.516
RMS 0.7546
size [# of strips]

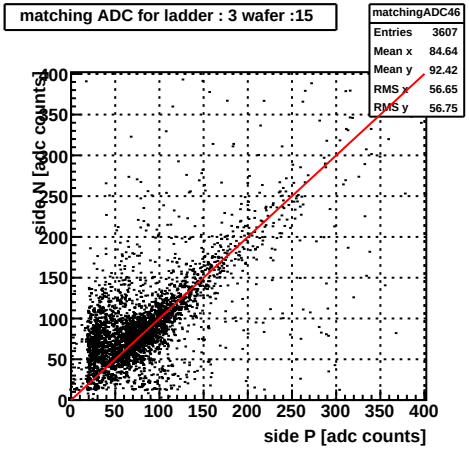

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3186
Mean x 83.53
Mean y 84.23
RMS x 55.46
RMS y 55.28
side N [adc counts]
side P [adc counts]

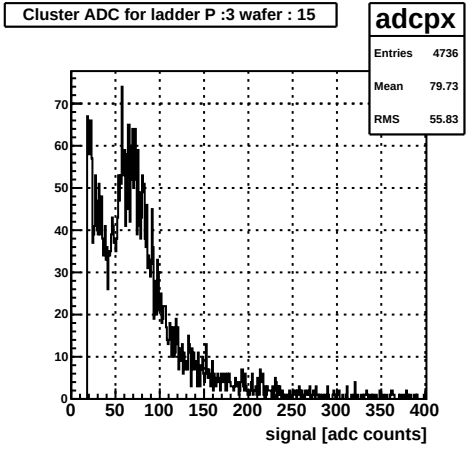

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7962
Mean 63.15
RMS 51.75
signal [adc counts]

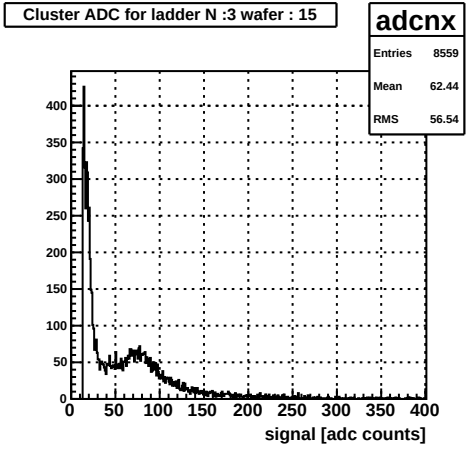

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 6851
Mean 65.37
RMS 54.68
signal [adc counts]

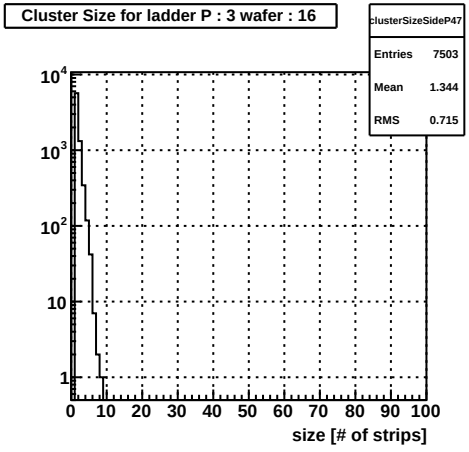

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 4736
Mean 1.391
RMS 0.7014
size [# of strips]

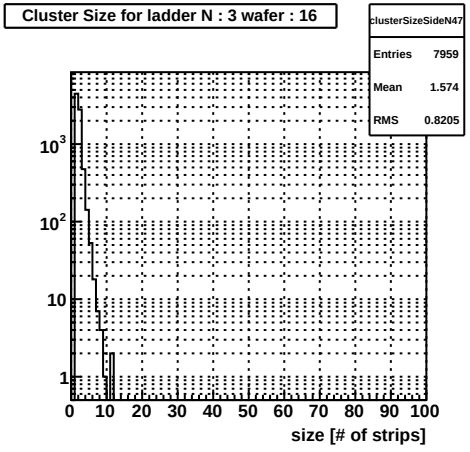

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 8559
Mean 1.397
RMS 0.724
size [# of strips]

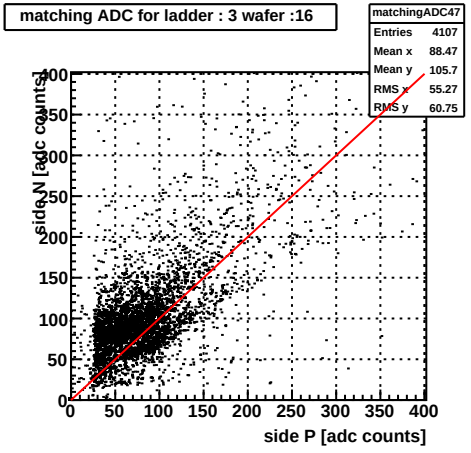

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3607
Mean x 84.64
Mean y 92.42
RMS x 56.65
RMS y 56.75
side N [adc counts]
side P [adc counts]

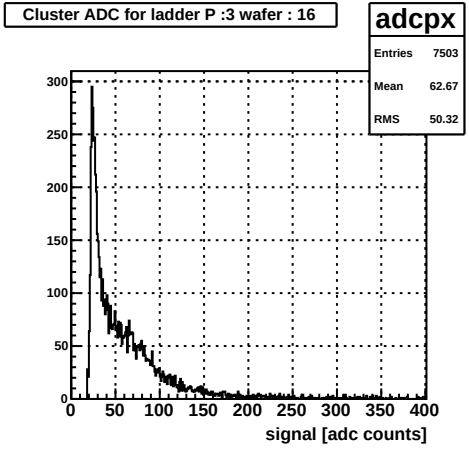

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 4736
Mean 79.73
RMS 55.83
signal [adc counts]

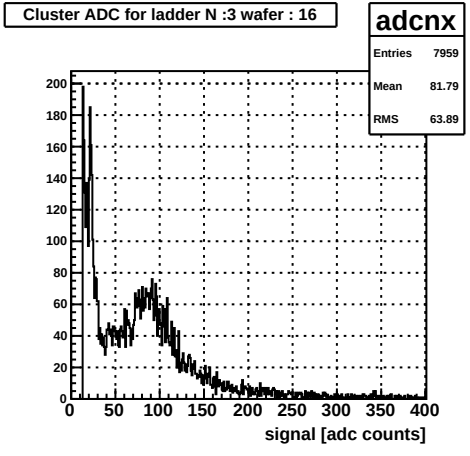

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 8559
Mean 62.44
RMS 56.54
signal [adc counts]

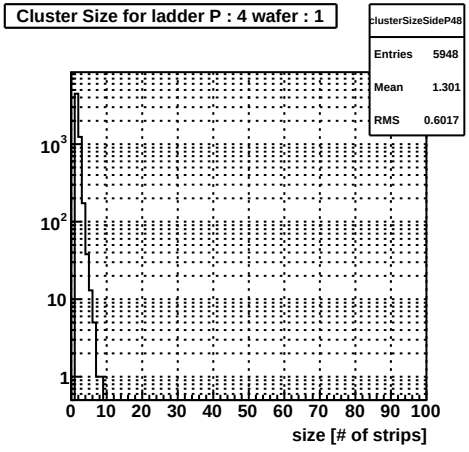

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 7503
Mean 1.344
RMS 0.715
size [# of strips]

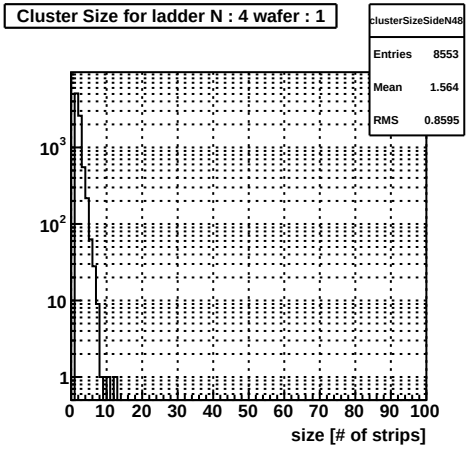

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 7959
Mean 1.574
RMS 0.8205
size [# of strips]

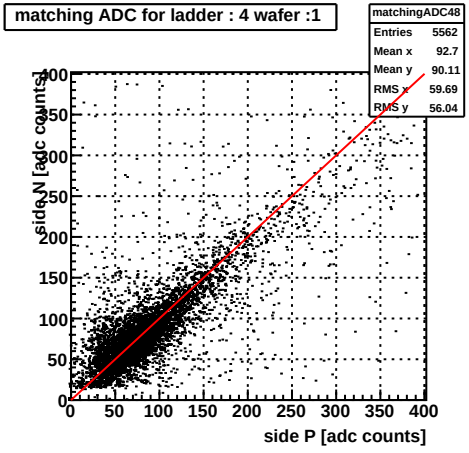

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 4107
Mean x 88.47
Mean y 105.7
RMS x 55.27
RMS y 60.75
side N [adc counts]
side P [adc counts]

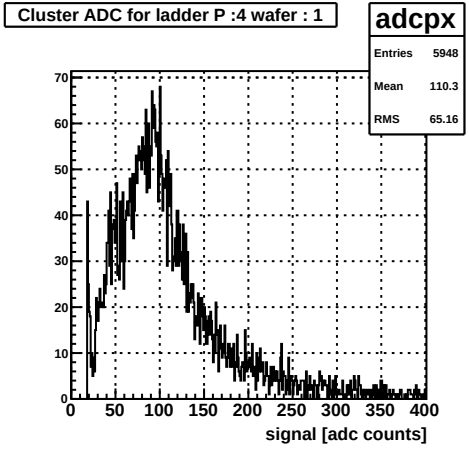

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 7503
Mean 62.67
RMS 50.32
signal [adc counts]

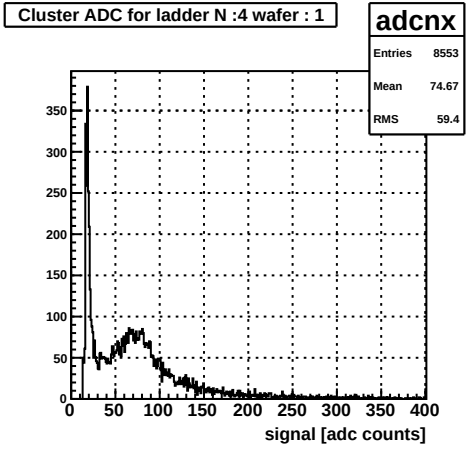

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 7959
Mean 81.79
RMS 63.89
signal [adc counts]

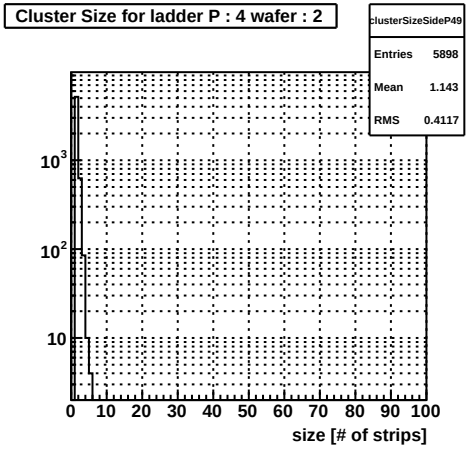

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 5948
Mean 1.301
RMS 0.6017
size [# of strips]

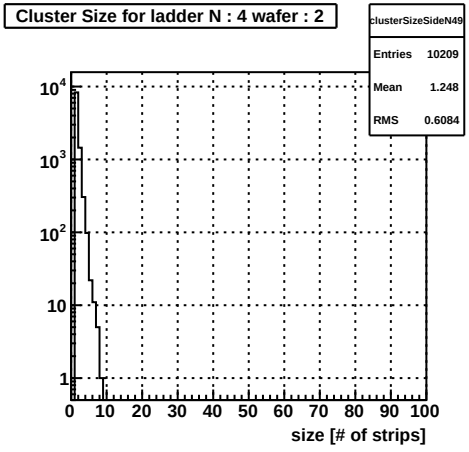

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 8553
Mean 1.564
RMS 0.8595
size [# of strips]

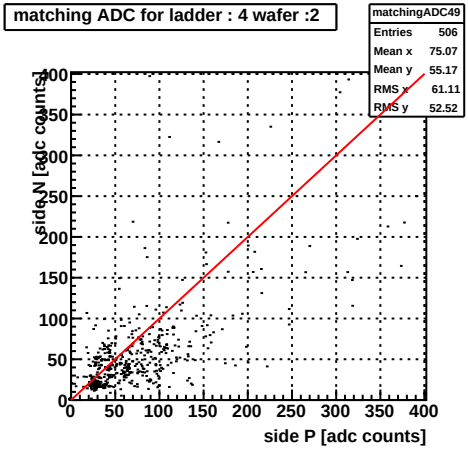

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 5562
Mean x 92.7
Mean y 90.11
RMS x 59.69
RMS y 56.04
side N [adc counts]
side P [adc counts]

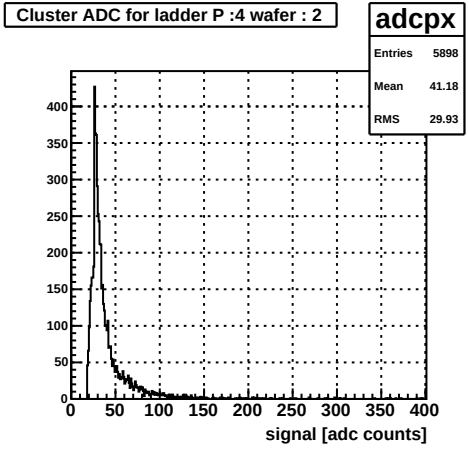

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 5948
Mean 110.3
RMS 65.16
signal [adc counts]

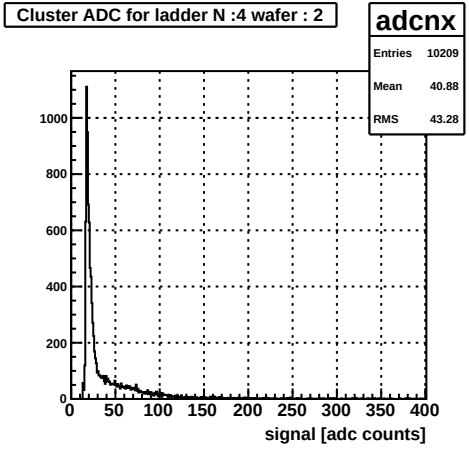

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 8553
Mean 74.67
RMS 59.4
signal [adc counts]

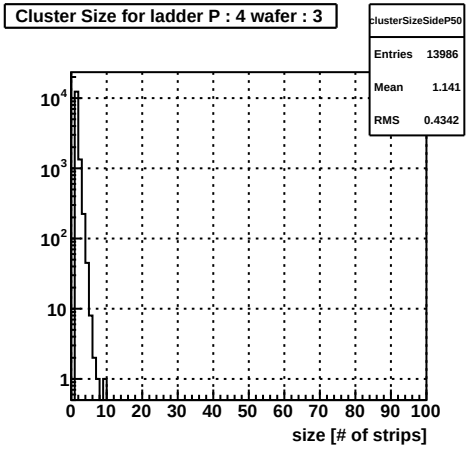

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5898
Mean 1.143
RMS 0.4117
size [# of strips]

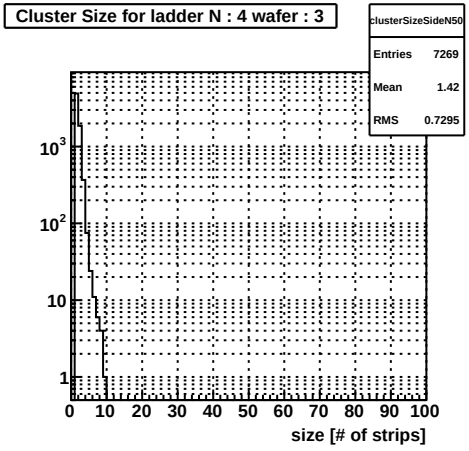

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10209
Mean 1.248
RMS 0.6084
size [# of strips]

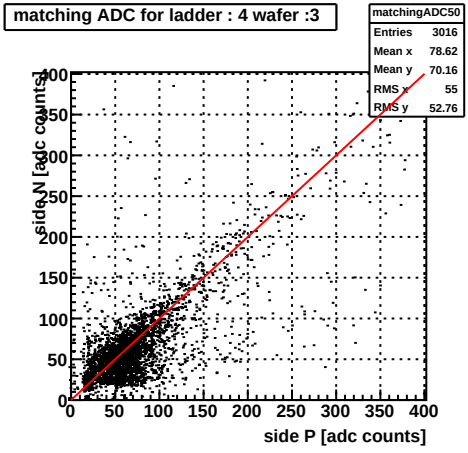

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 506
Mean x 75.07
Mean y 55.17
RMS x 61.11
RMS y 52.52
side N [adc counts]
side P [adc counts]

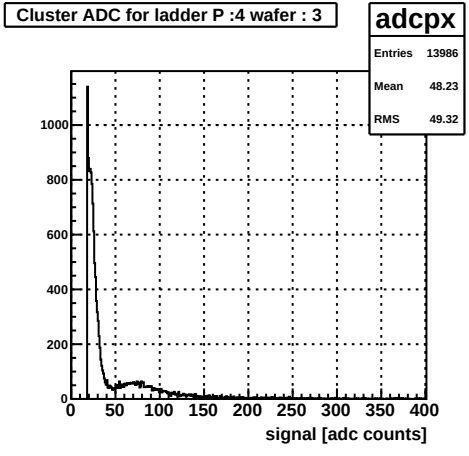

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5898
Mean 41.18
RMS 29.93
signal [adc counts]

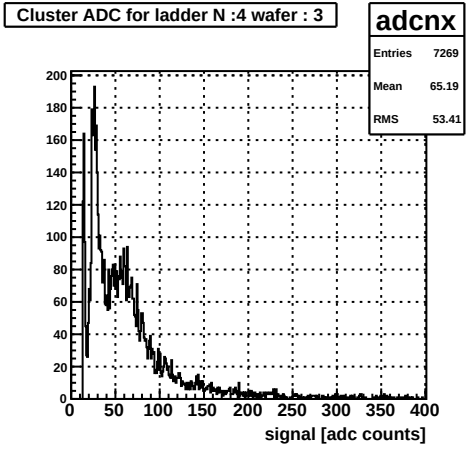

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10209
Mean 40.88
RMS 43.28
signal [adc counts]

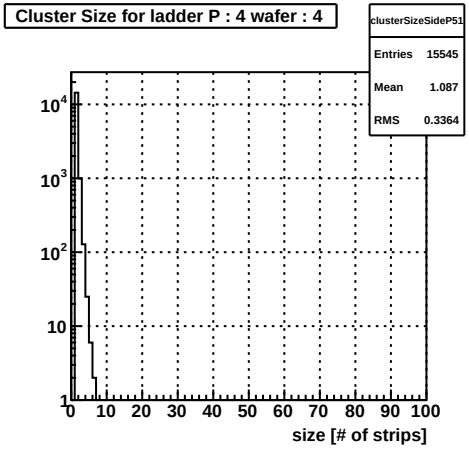

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13986
Mean 1.141
RMS 0.4342
size [# of strips]

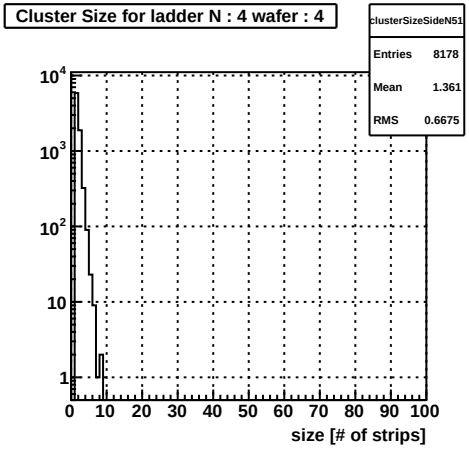

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 7269
Mean 1.42
RMS 0.7295
size [# of strips]

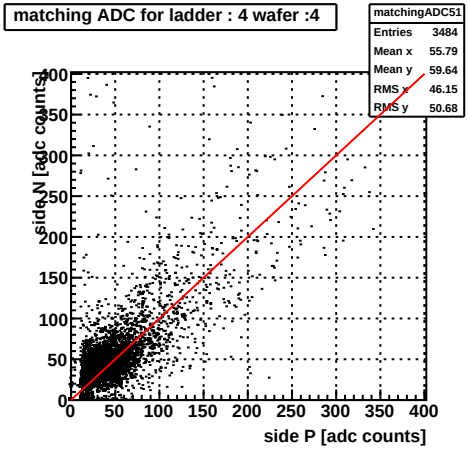

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 3016
Mean x 78.62
Mean y 70.16
RMS x 55
RMS y 52.76
side N [adc counts]
side P [adc counts]

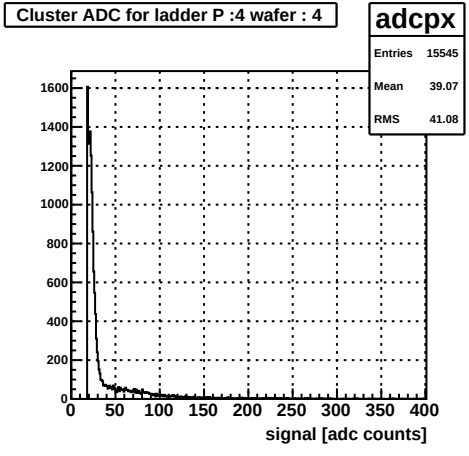

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13986
Mean 48.23
RMS 49.32
signal [adc counts]

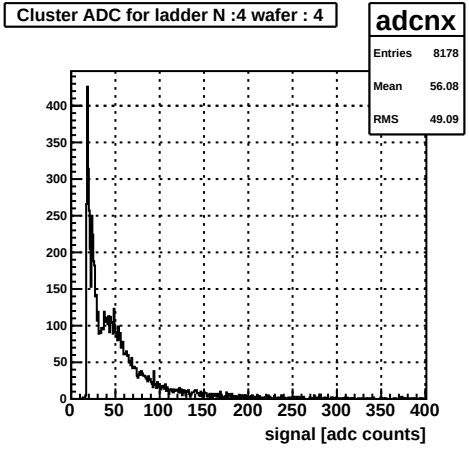

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 7269
Mean 65.19
RMS 53.41
signal [adc counts]

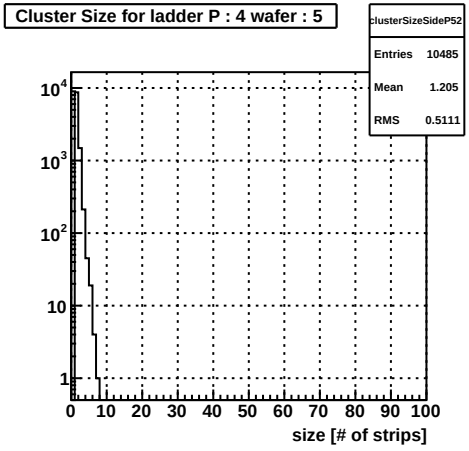

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 15545
Mean 1.087
RMS 0.3364
size [# of strips]

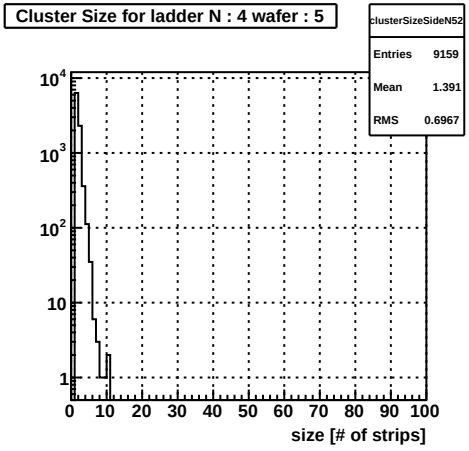

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 8178
Mean 1.361
RMS 0.6675
size [# of strips]

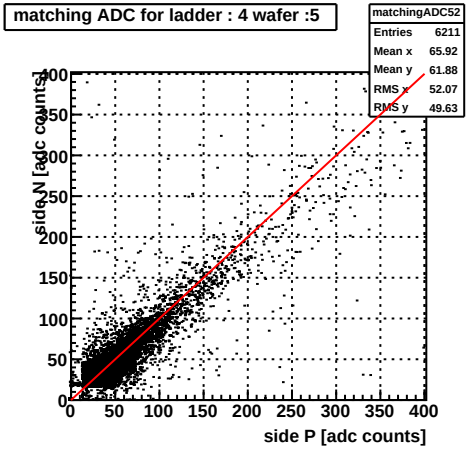

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 3484
Mean x 55.79
Mean y 59.64
RMS x 46.15
RMS y 50.68
side N [adc counts]
side P [adc counts]

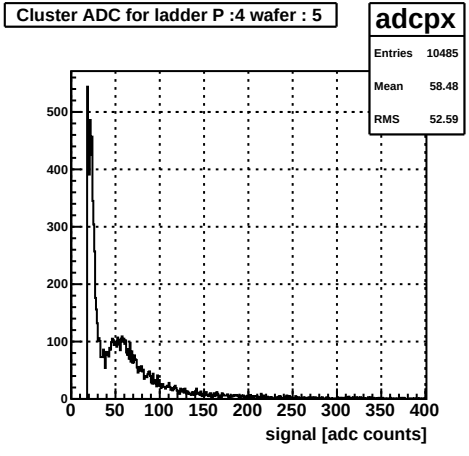

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 15545
Mean 39.07
RMS 41.08
signal [adc counts]

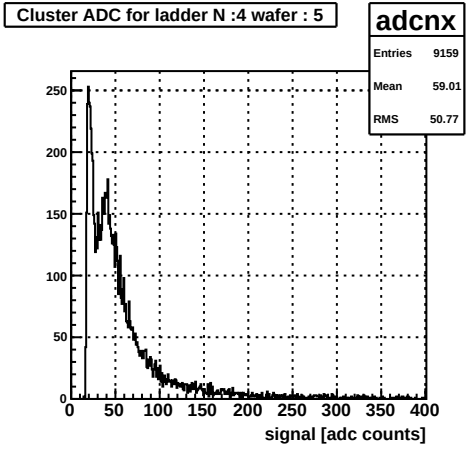

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 8178
Mean 56.08
RMS 49.09
signal [adc counts]

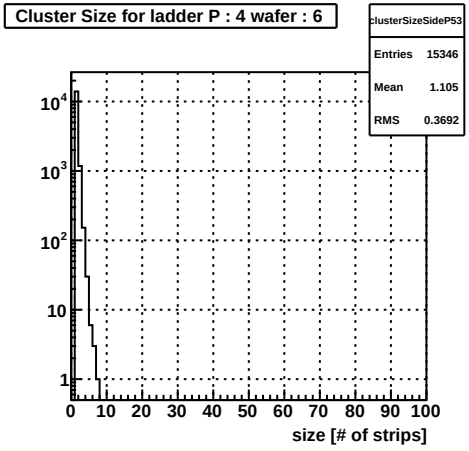

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 10485
Mean 1.205
RMS 0.5111
size [# of strips]

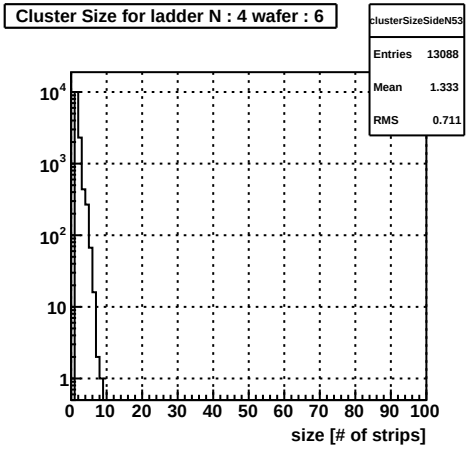

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 9159
Mean 1.391
RMS 0.6967
size [# of strips]

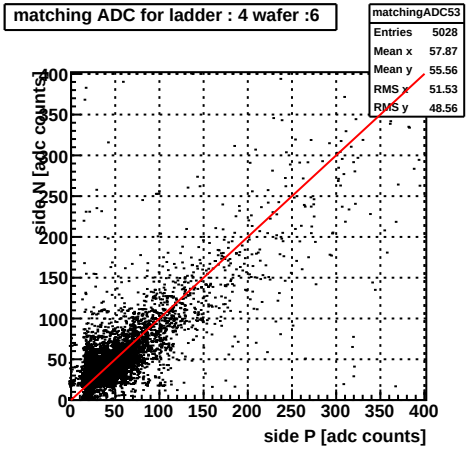

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 6211
Mean x 65.92
Mean y 61.88
RMS x 52.07
RMS y 49.63
side N [adc counts]
side P [adc counts]

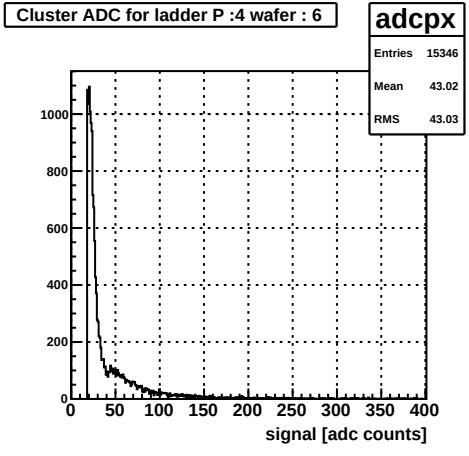

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 10485
Mean 58.48
RMS 52.59
signal [adc counts]

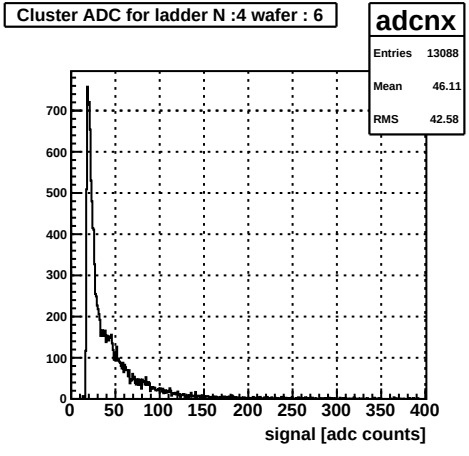

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 9159
Mean 59.01
RMS 50.77
signal [adc counts]

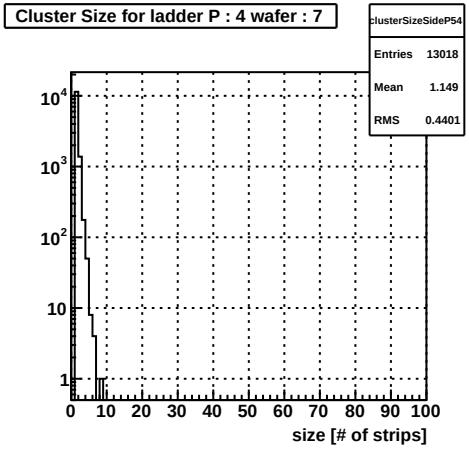

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15346
Mean 1.105
RMS 0.3692
size [# of strips]

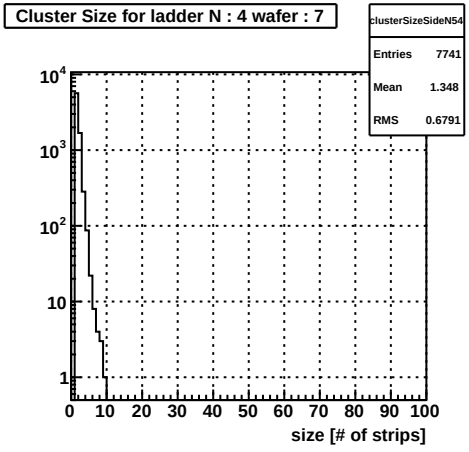

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13088
Mean 1.333
RMS 0.711
size [# of strips]

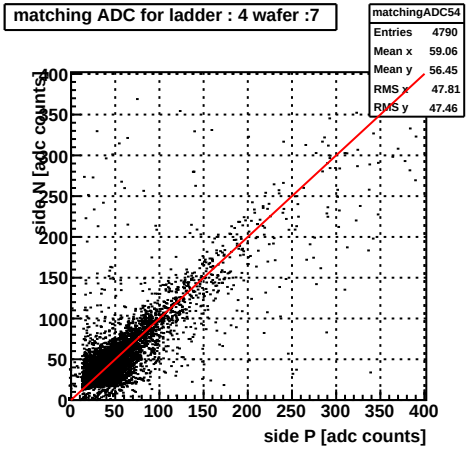

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5028
Mean x 57.87
Mean y 55.56
RMS x 51.53
RMS y 48.56
side N [adc counts]
side P [adc counts]

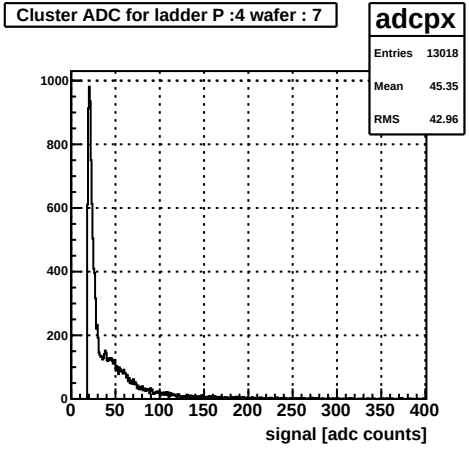

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15346
Mean 43.02
RMS 43.03
signal [adc counts]

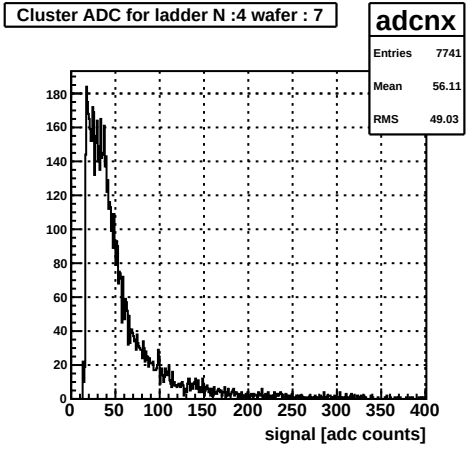

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13088
Mean 46.11
RMS 42.58
signal [adc counts]

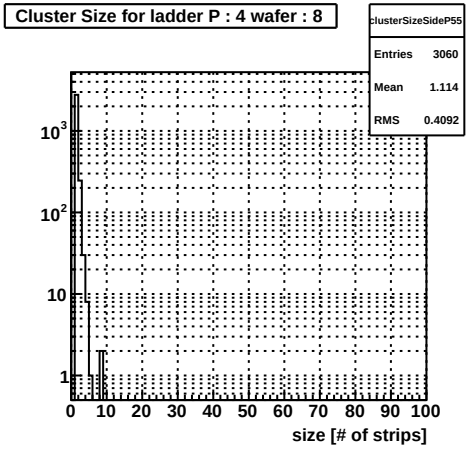

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 13018
Mean 1.149
RMS 0.4401
size [# of strips]

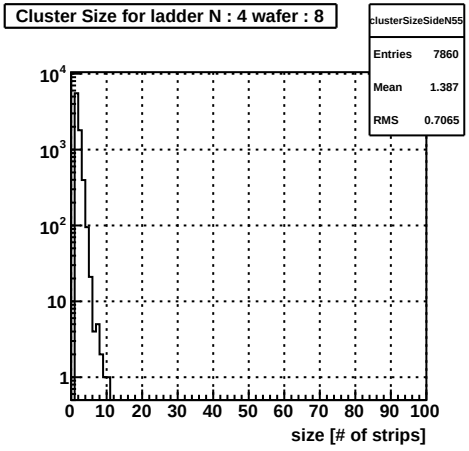

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7741
Mean 1.348
RMS 0.6791
size [# of strips]

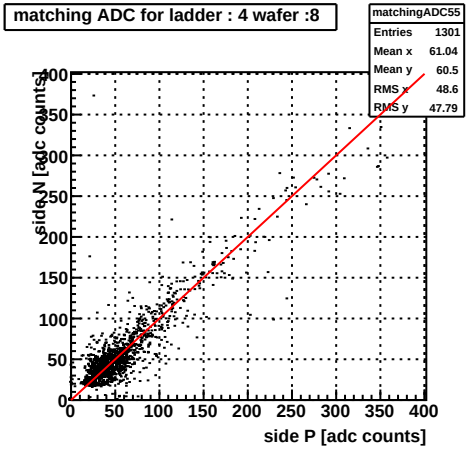

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 4790
Mean x 59.06
Mean y 56.45
RMS x 47.81
RMS y 47.46
side N [adc counts]
side P [adc counts]

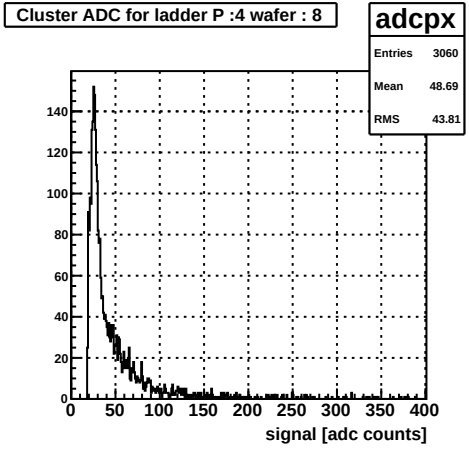

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 13018
Mean 45.35
RMS 42.96
signal [adc counts]

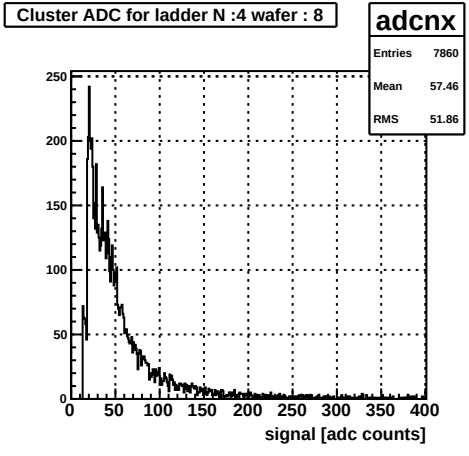

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7741
Mean 56.11
RMS 49.03
signal [adc counts]

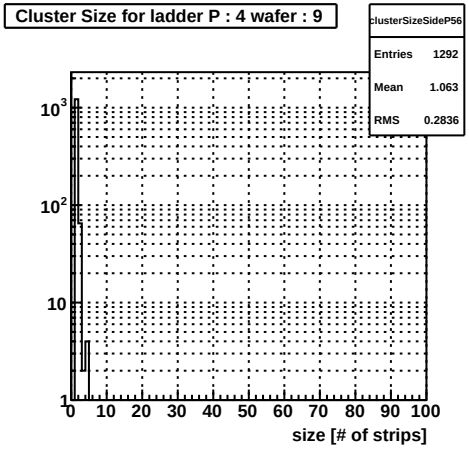

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3060
Mean 1.114
RMS 0.4092
size [# of strips]

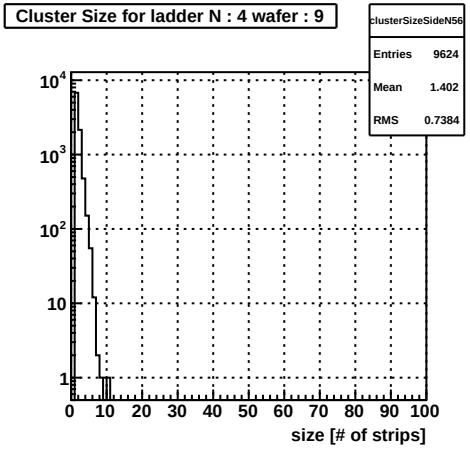

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 7860
Mean 1.387
RMS 0.7065
size [# of strips]

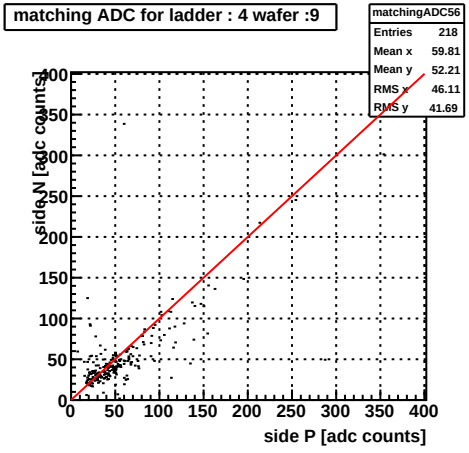

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1301
Mean x 61.04
Mean y 60.5
RMS x 48.6
RMS y 47.79
side N [adc counts]
side P [adc counts]

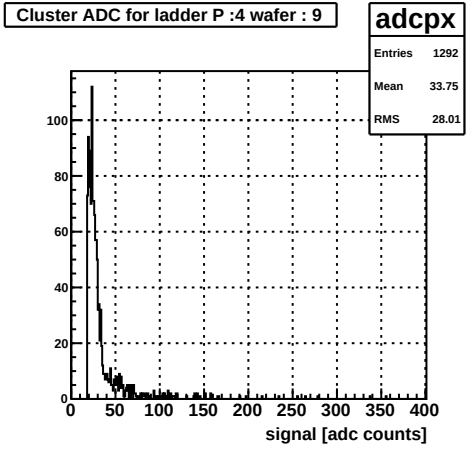

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3060
Mean 48.69
RMS 43.81
signal [adc counts]

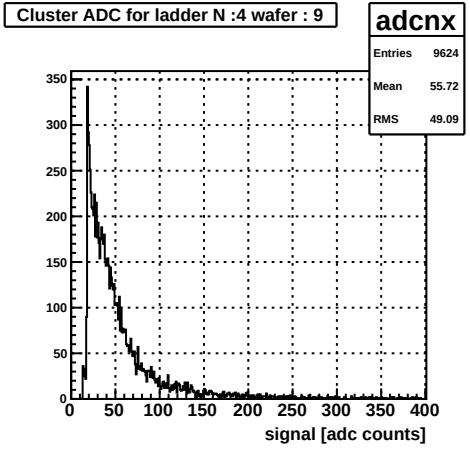

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 7860
Mean 57.46
RMS 51.86
signal [adc counts]

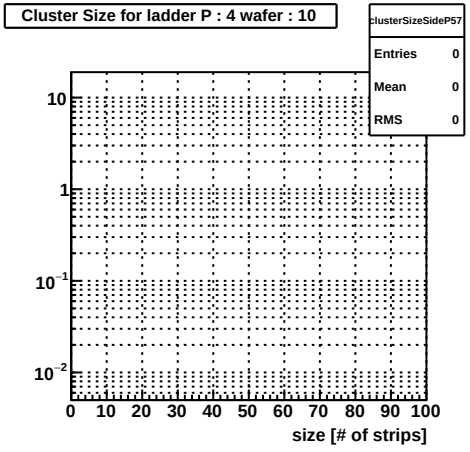

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1292
Mean 1.063
RMS 0.2836
size [# of strips]

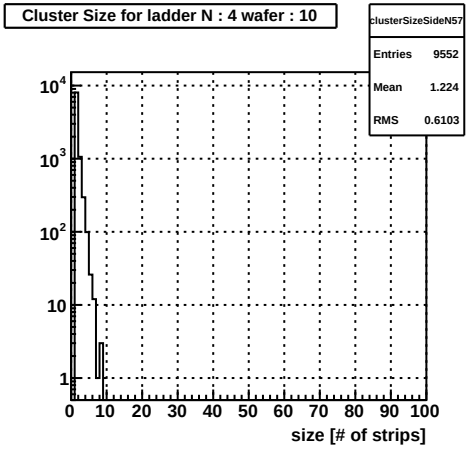

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 9624
Mean 1.402
RMS 0.7384
size [# of strips]

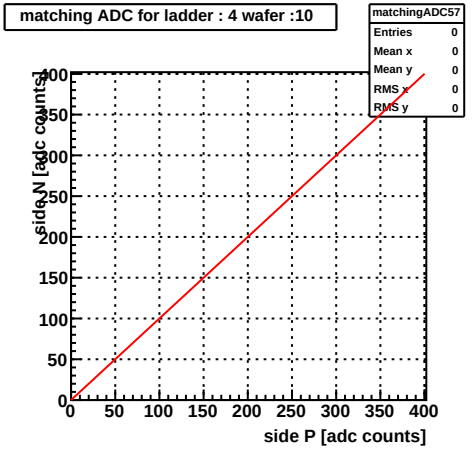

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 218
Mean x 59.81
Mean y 52.21
RMS x 46.11
RMS y 41.69
side N [adc counts]
side P [adc counts]

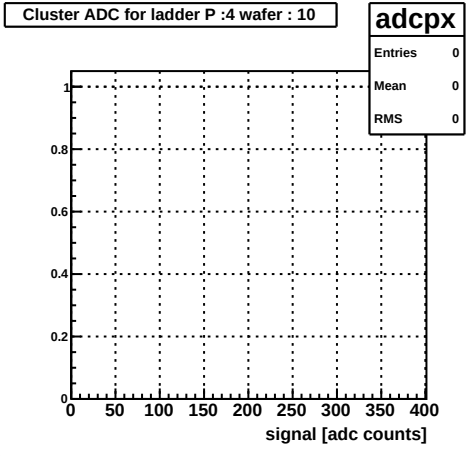

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1292
Mean 33.75
RMS 28.01
signal [adc counts]

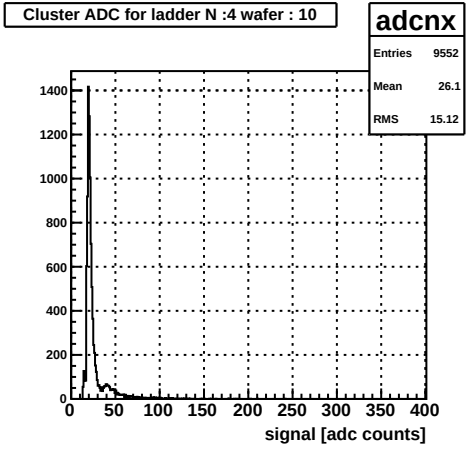

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 9624
Mean 55.72
RMS 49.09
signal [adc counts]

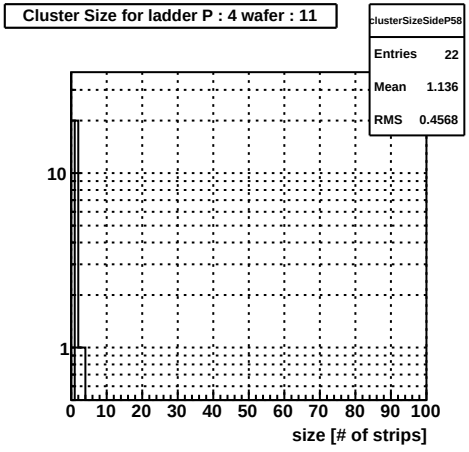

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

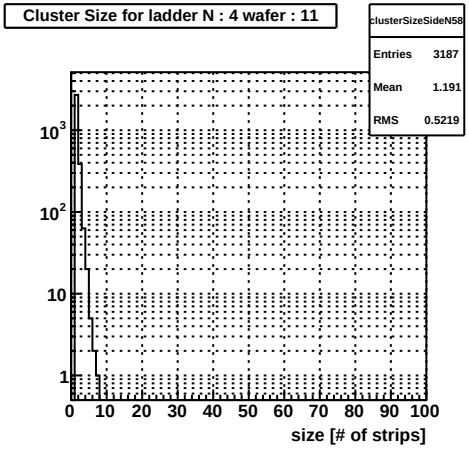

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 9552
Mean 1.224
RMS 0.6103
size [# of strips]

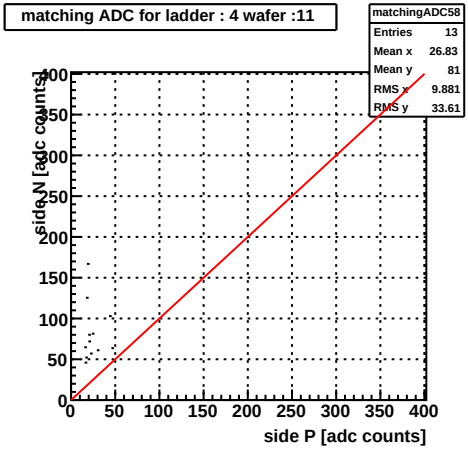

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

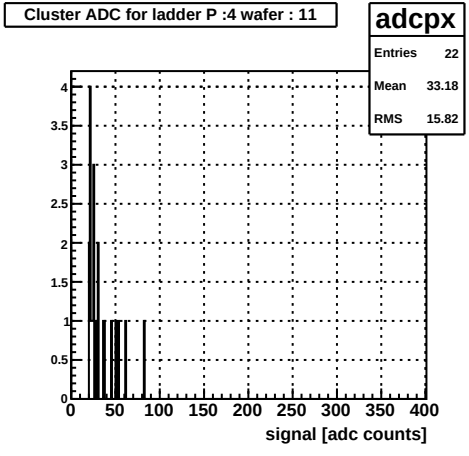

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

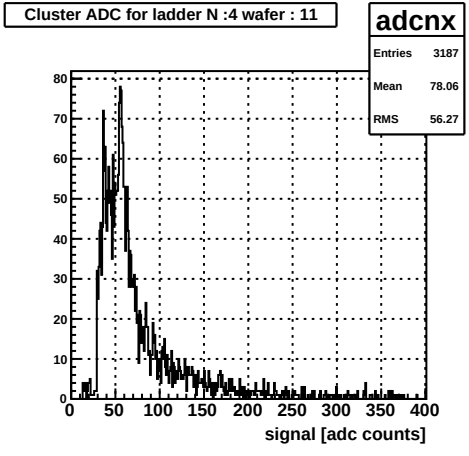

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 9552
Mean 26.1
RMS 15.12
signal [adc counts]

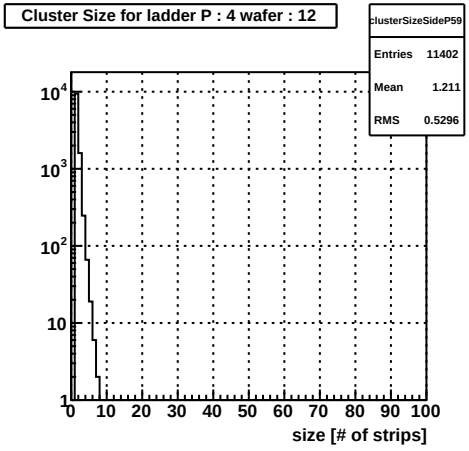

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 22
Mean 1.136
RMS 0.4568
size [# of strips]

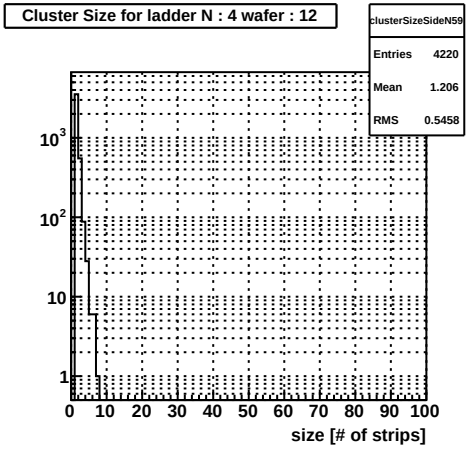

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3187
Mean 1.191
RMS 0.5219
size [# of strips]

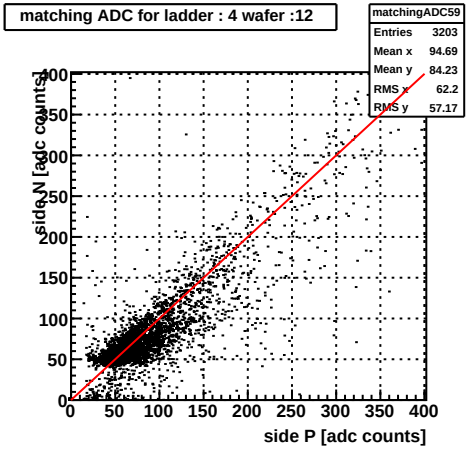

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 13
Mean x 26.83
Mean y 81
RMS x 9.881
RMS y 33.61
side N [adc counts]
side P [adc counts]

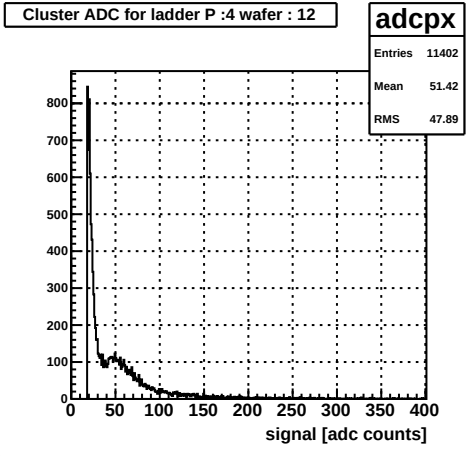

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 22
Mean 33.18
RMS 15.82
signal [adc counts]

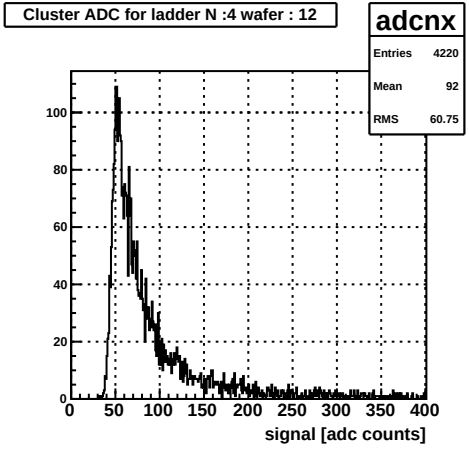

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3187
Mean 78.06
RMS 56.27
signal [adc counts]

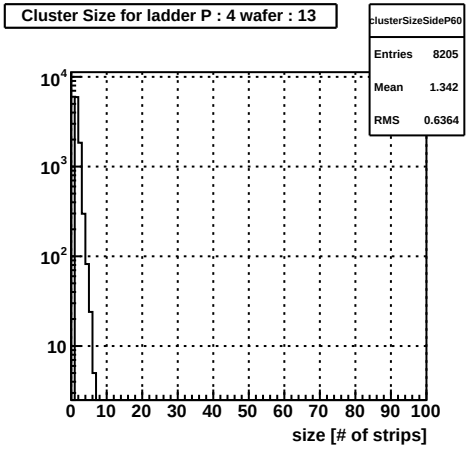

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11402
Mean 1.211
RMS 0.5296
size [# of strips]

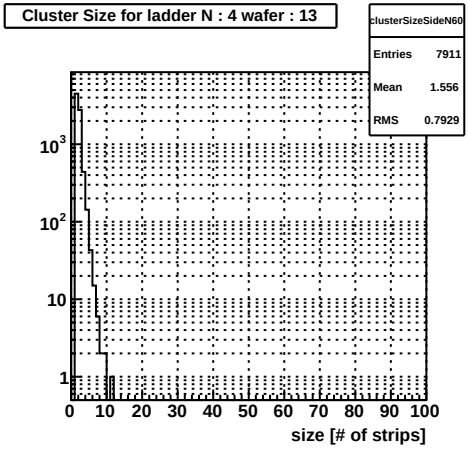

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 4220
Mean 1.206
RMS 0.5458
size [# of strips]

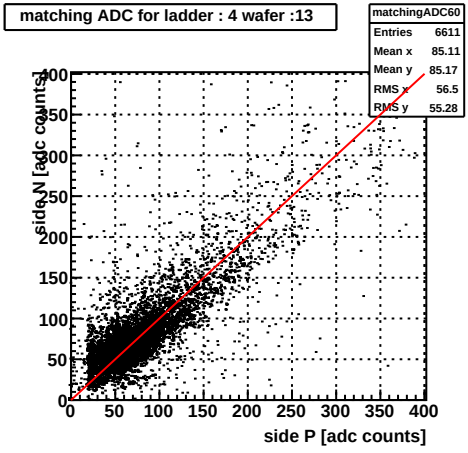

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 3203
Mean x 94.69
Mean y 84.23
RMS x 62.2
RMS y 57.17
side N [adc counts]
side P [adc counts]

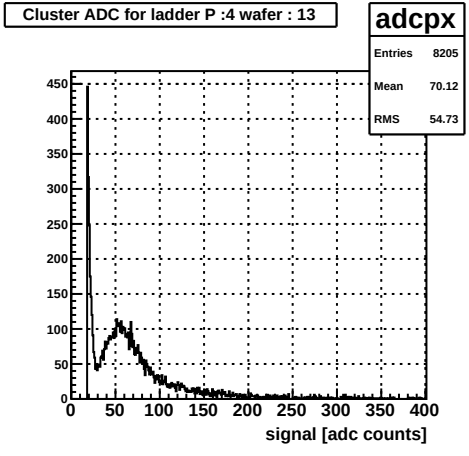

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11402
Mean 51.42
RMS 47.89
signal [adc counts]

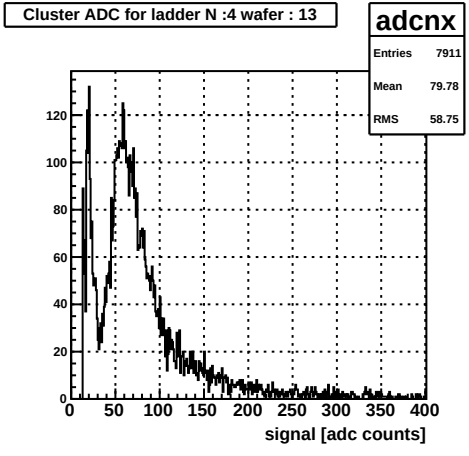

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 4220
Mean 92
RMS 60.75
signal [adc counts]

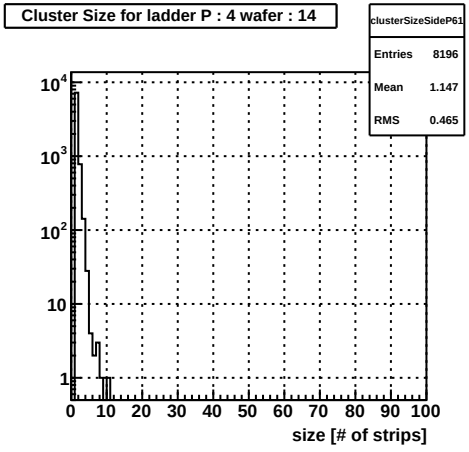

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8205
Mean 1.342
RMS 0.6364
size [# of strips]

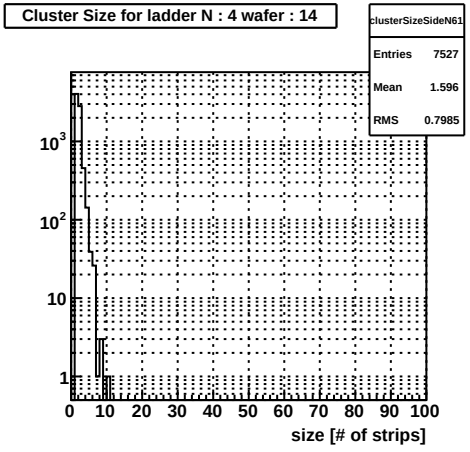

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 7911
Mean 1.556
RMS 0.7929
size [# of strips]

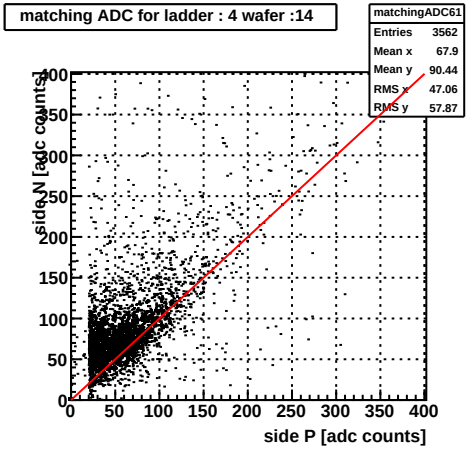

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 6611
Mean x 85.11
Mean y 85.17
RMS x 56.5
RMS y 55.28
side N [adc counts]
side P [adc counts]

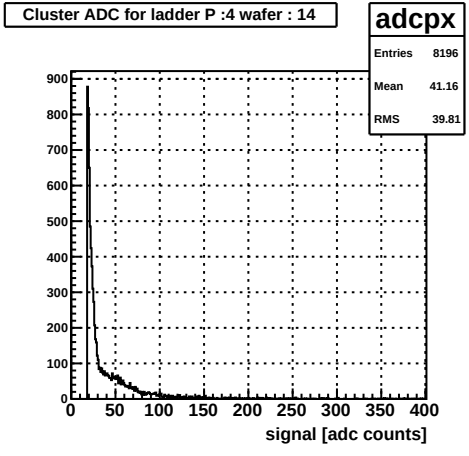

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8205
Mean 70.12
RMS 54.73
signal [adc counts]

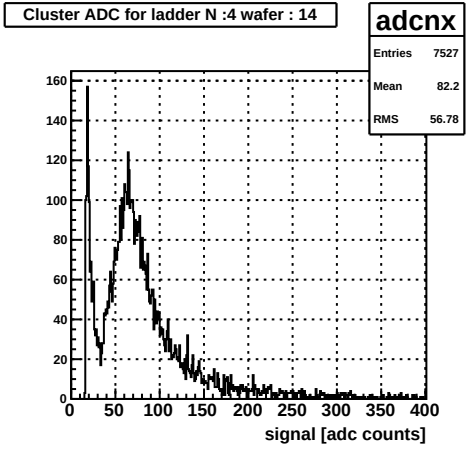

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 7911
Mean 79.78
RMS 58.75
signal [adc counts]

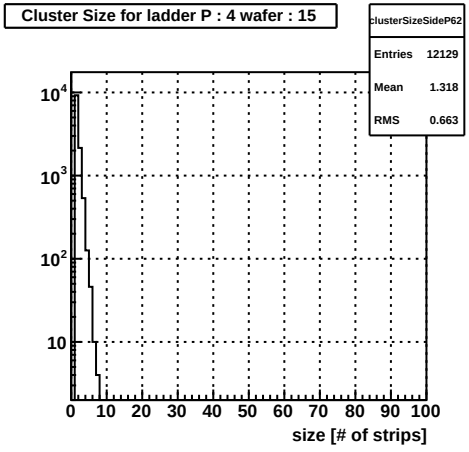

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 8196
Mean 1.147
RMS 0.465
size [# of strips]

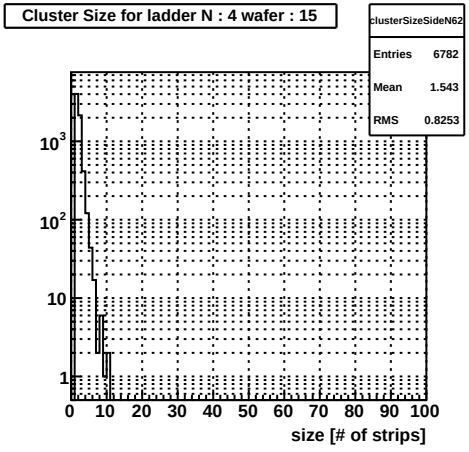

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 7527
Mean 1.596
RMS 0.7985
size [# of strips]

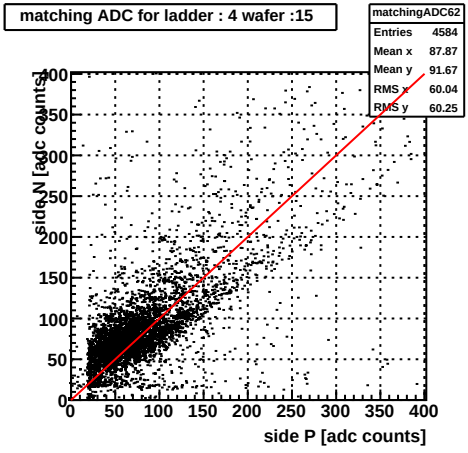

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 3562
Mean x 67.9
Mean y 90.44
RMS x 47.06
RMS y 57.87
side N [adc counts]
side P [adc counts]

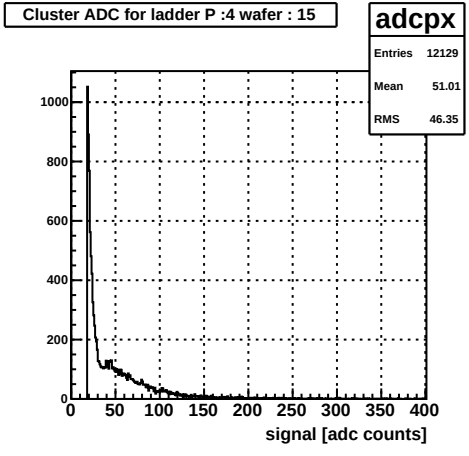

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 8196
Mean 41.16
RMS 39.81
signal [adc counts]

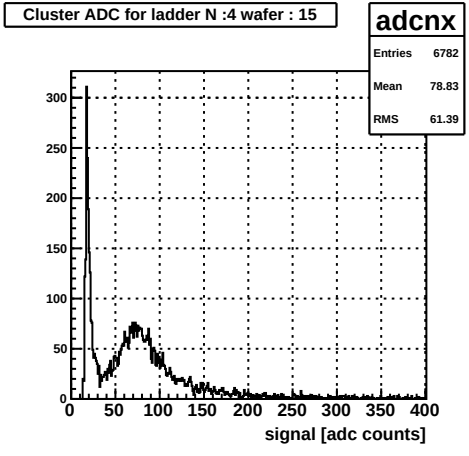

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 7527
Mean 82.2
RMS 56.78
signal [adc counts]

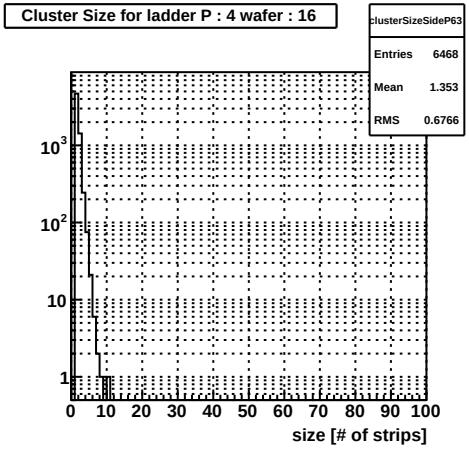

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 12129
Mean 1.318
RMS 0.663
size [# of strips]

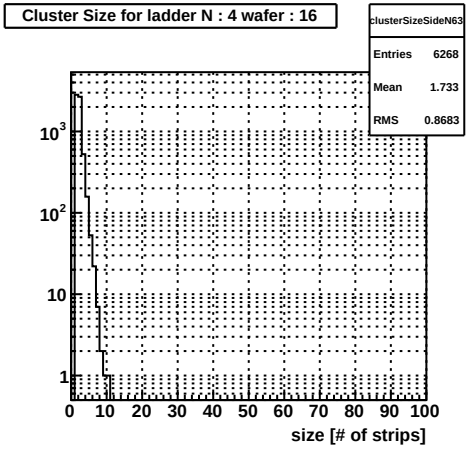

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 6782
Mean 1.543
RMS 0.8253
size [# of strips]

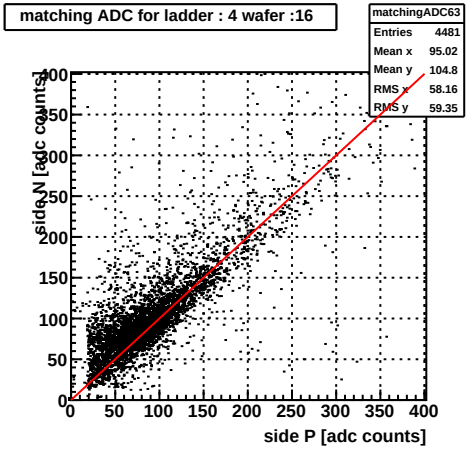

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 4584
Mean x 87.87
Mean y 91.67
RMS x 60.04
RMS y 60.25
side N [adc counts]
side P [adc counts]

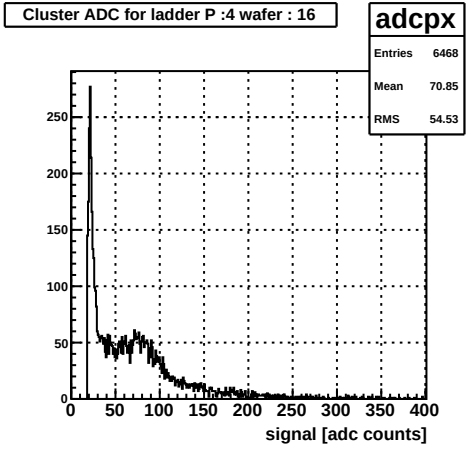

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 12129
Mean 51.01
RMS 46.35
signal [adc counts]

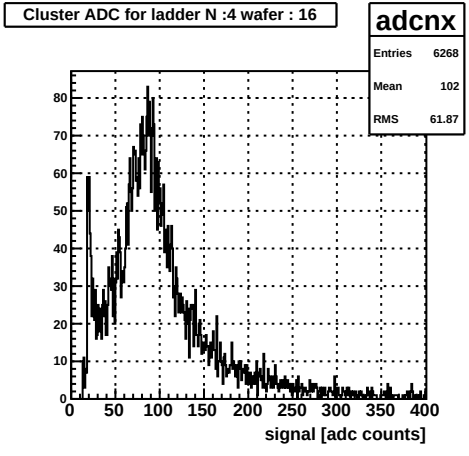

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 6782
Mean 78.83
RMS 61.39
signal [adc counts]

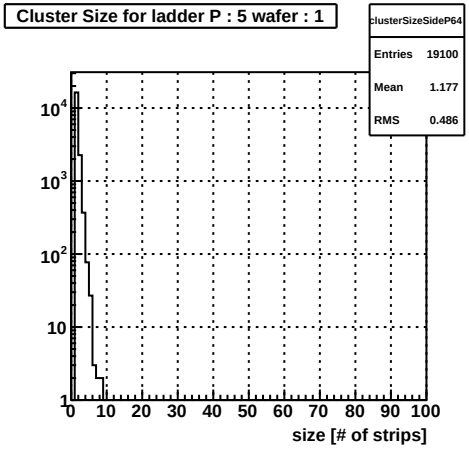

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 6468
Mean 1.353
RMS 0.6766
size [# of strips]

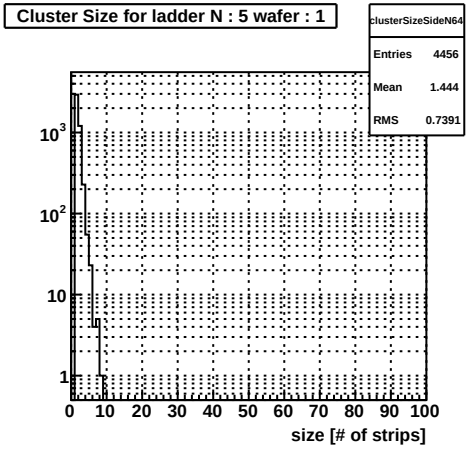

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 6268
Mean 1.733
RMS 0.8683
size [# of strips]

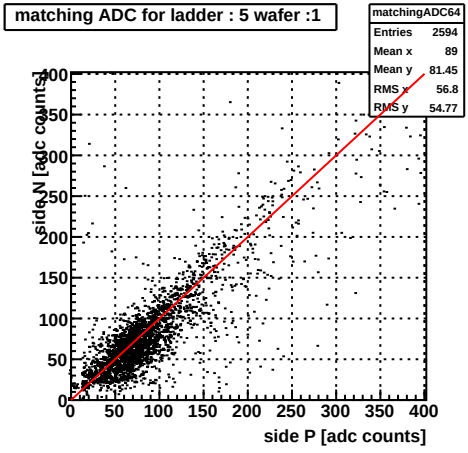

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 4481
Mean x 95.02
Mean y 104.8
RMS x 58.16
RMS y 59.35
side N [adc counts]
side P [adc counts]

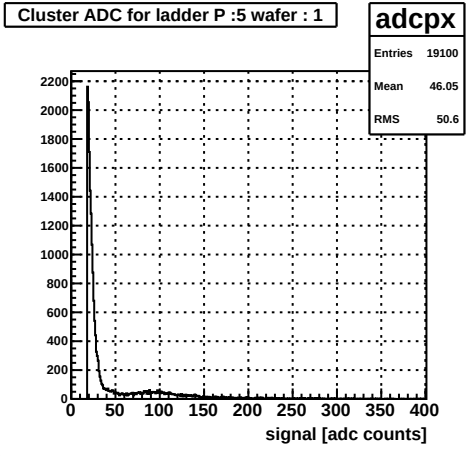

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 6468
Mean 70.85
RMS 54.53
signal [adc counts]

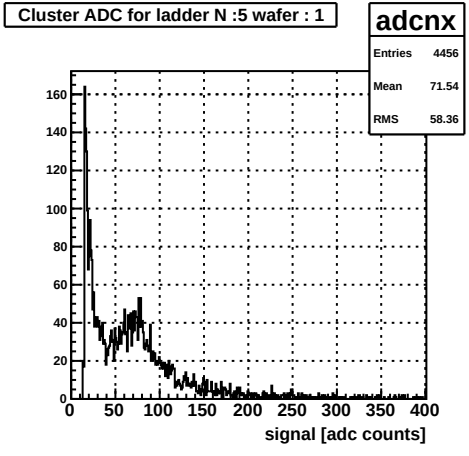

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 6268
Mean 102
RMS 61.87
signal [adc counts]

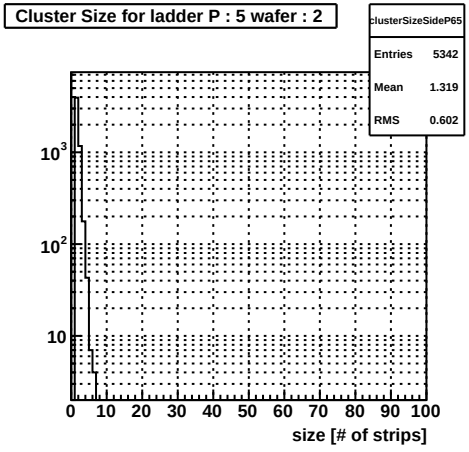

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 19100
Mean 1.177
RMS 0.486
size [# of strips]

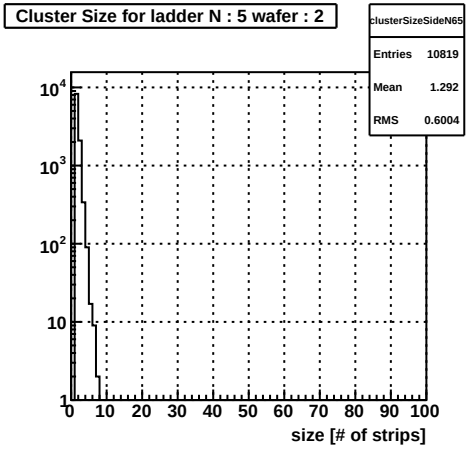

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 4456
Mean 1.444
RMS 0.7391
size [# of strips]

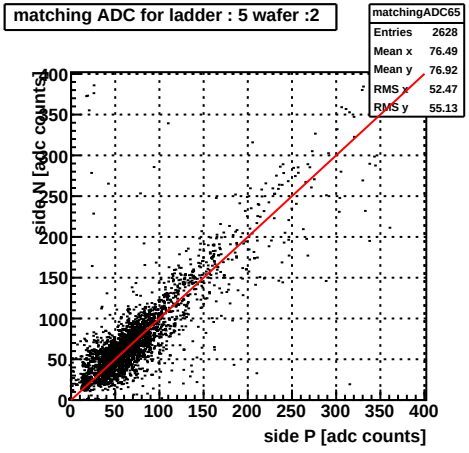

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 2594
Mean x 89
Mean y 81.45
RMS x 56.8
RMS y 54.77
side N [adc counts]
side P [adc counts]

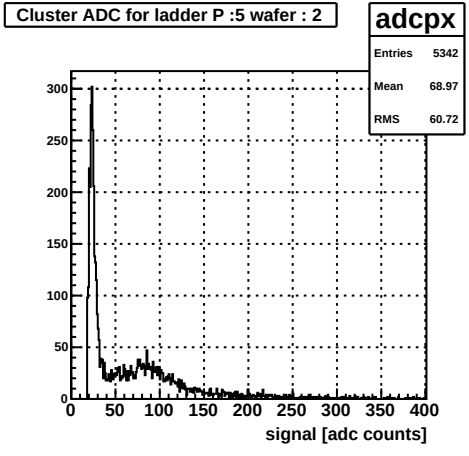

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 19100
Mean 46.05
RMS 50.6
signal [adc counts]

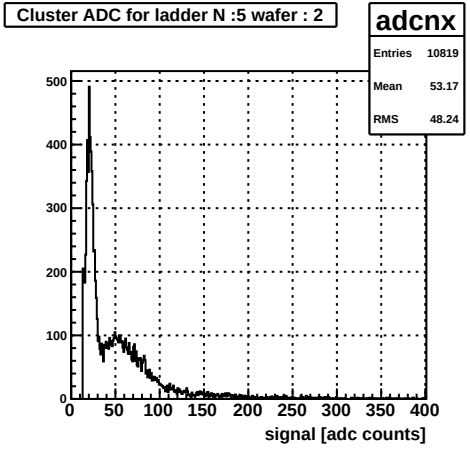

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 4456
Mean 71.54
RMS 58.36
signal [adc counts]

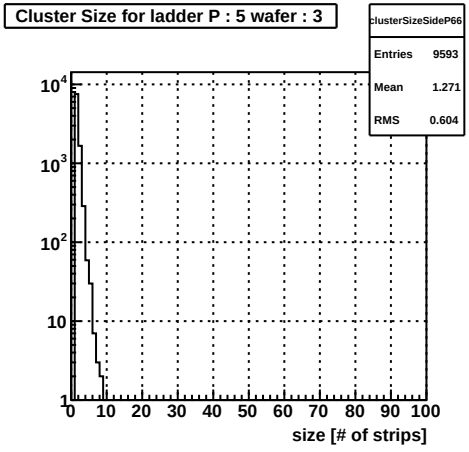

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 5342
Mean 1.319
RMS 0.602
size [# of strips]

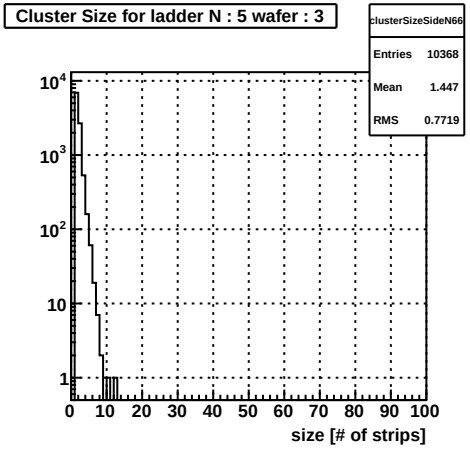

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 10819
Mean 1.292
RMS 0.6004
size [# of strips]

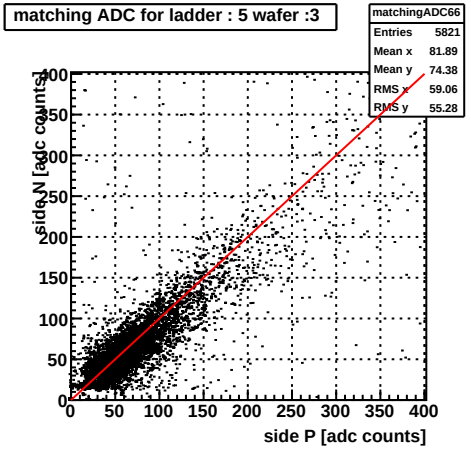

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2628
Mean x 76.49
Mean y 76.92
RMS x 52.47
RMS y 55.13
side N [adc counts]
side P [adc counts]

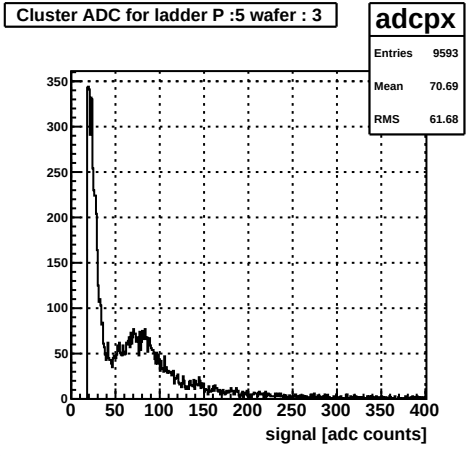

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 5342
Mean 68.97
RMS 60.72
signal [adc counts]

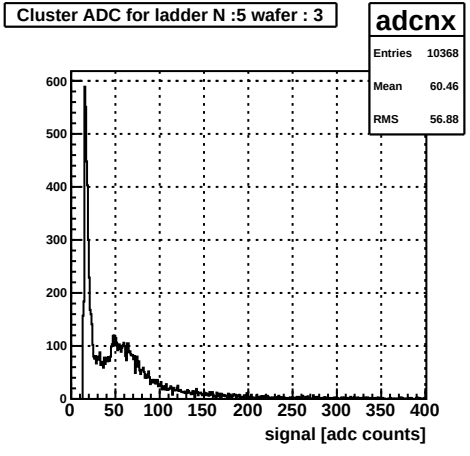

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 10819
Mean 53.17
RMS 48.24
signal [adc counts]

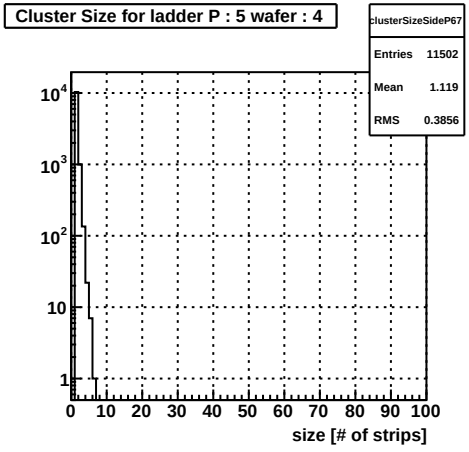

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 9593
Mean 1.271
RMS 0.604
size [# of strips]

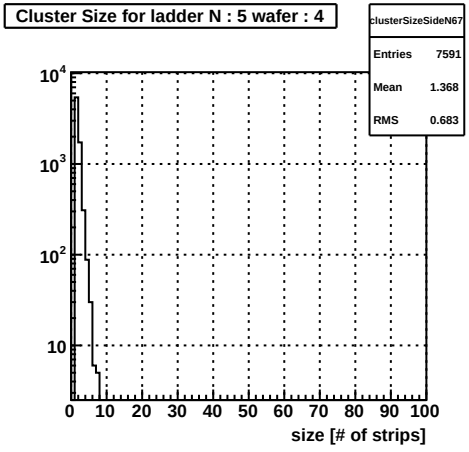

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 10368
Mean 1.447
RMS 0.7719
size [# of strips]

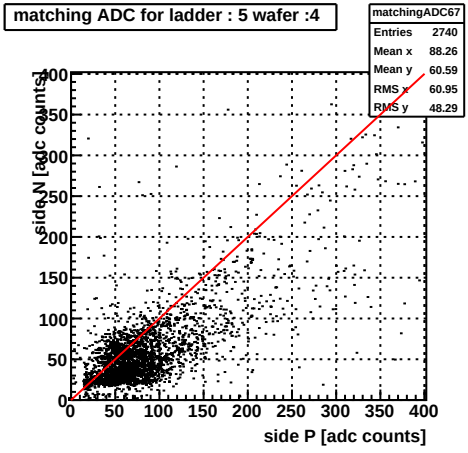

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 5821
Mean x 81.89
Mean y 74.38
RMS x 59.06
RMS y 55.28
side N [adc counts]
side P [adc counts]

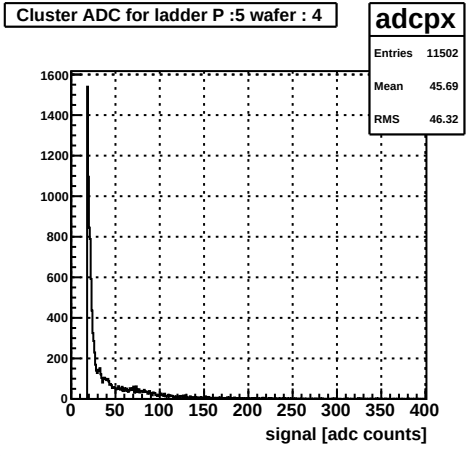

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 9593
Mean 70.69
RMS 61.68
signal [adc counts]

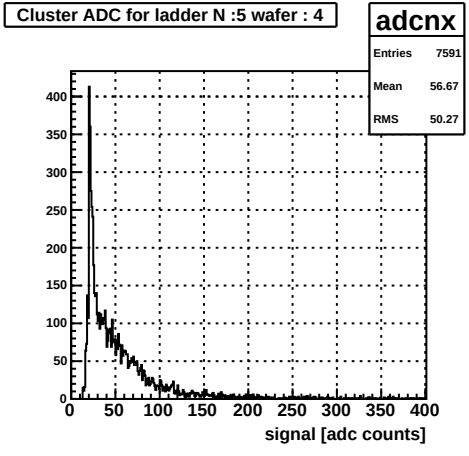

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 10368
Mean 60.46
RMS 56.88
signal [adc counts]

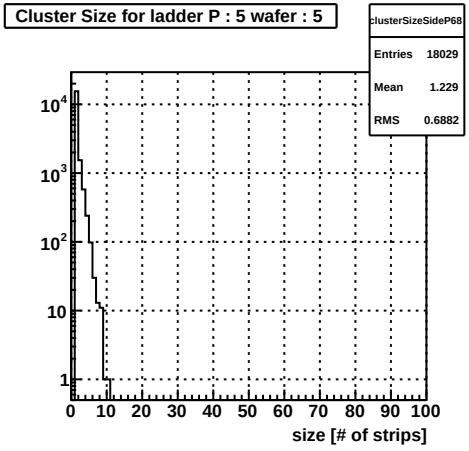

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11502
Mean 1.119
RMS 0.3856
size [# of strips]

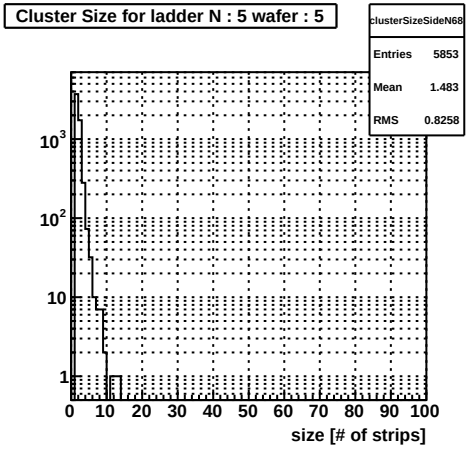

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 7591
Mean 1.368
RMS 0.683
size [# of strips]

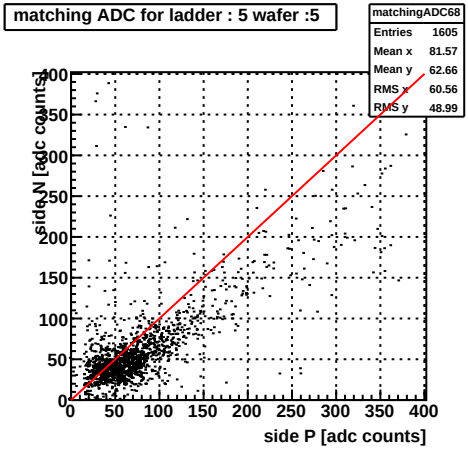

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2740
Mean x 88.26
Mean y 60.59
RMS x 60.95
RMS y 48.29
side N [adc counts]
side P [adc counts]

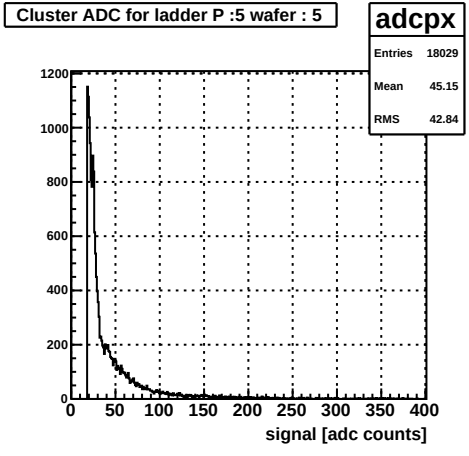

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11502
Mean 45.69
RMS 46.32
signal [adc counts]

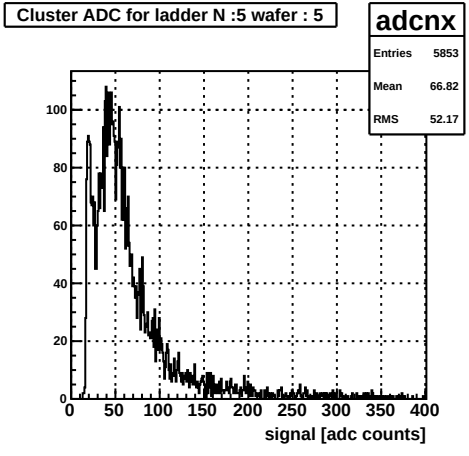

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 7591
Mean 56.67
RMS 50.27
signal [adc counts]

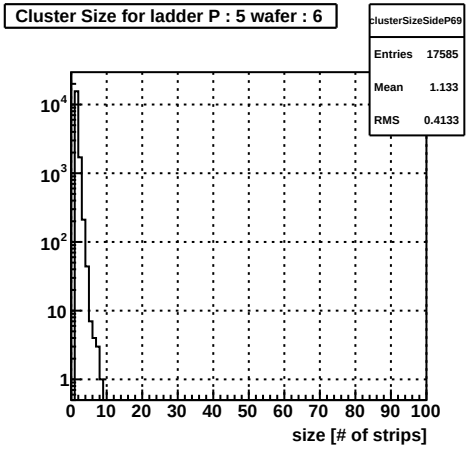

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 18029
Mean 1.229
RMS 0.6882
size [# of strips]

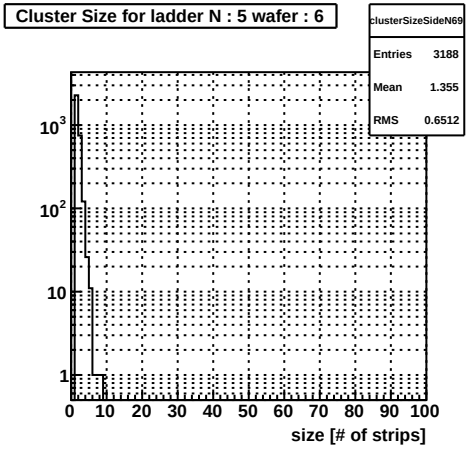

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 5853
Mean 1.483
RMS 0.8258
size [# of strips]

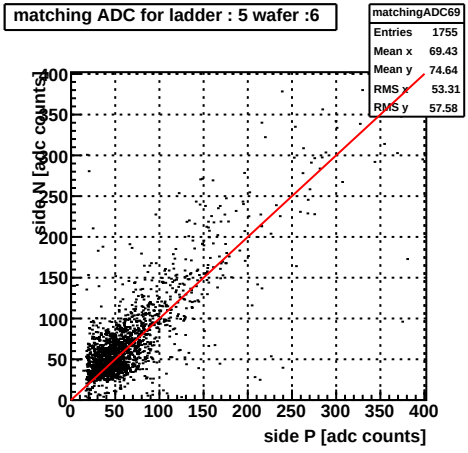

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1605
Mean x 81.57
Mean y 62.66
RMS x 60.56
RMS y 48.99
side N [adc counts]
side P [adc counts]

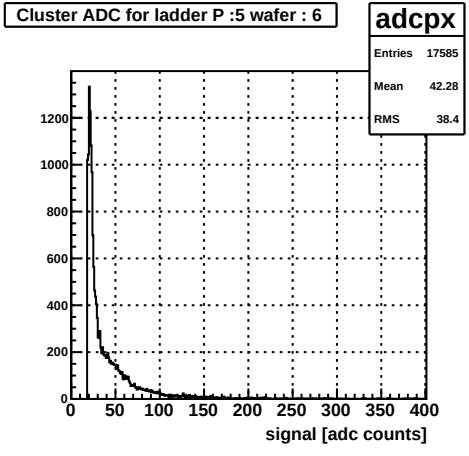

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 18029
Mean 45.15
RMS 42.84
signal [adc counts]

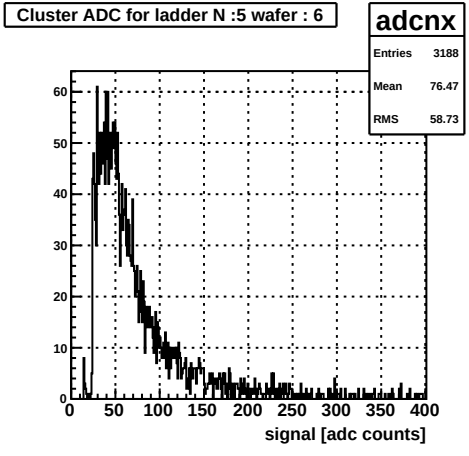

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 5853
Mean 66.82
RMS 52.17
signal [adc counts]

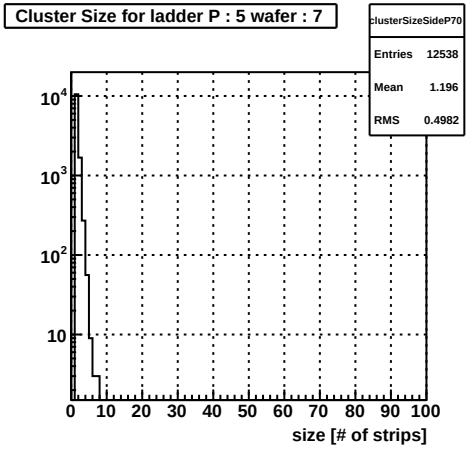

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 17585
Mean 1.133
RMS 0.4133
size [# of strips]

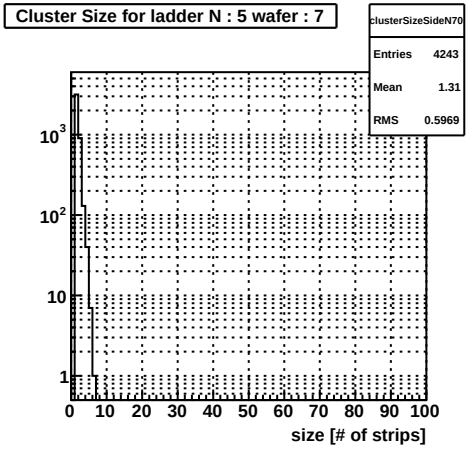

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3188
Mean 1.355
RMS 0.6512
size [# of strips]

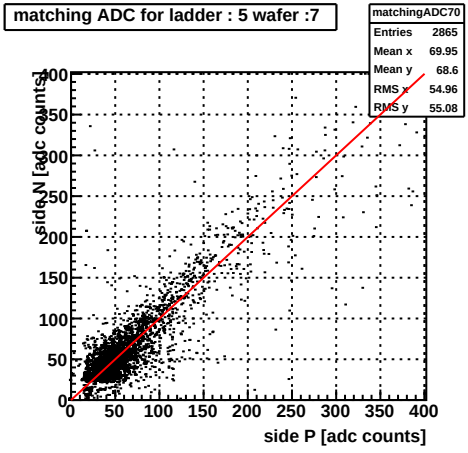

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1755
Mean x 69.43
Mean y 74.64
RMS x 53.31
RMS y 57.58
side N [adc counts]
side P [adc counts]

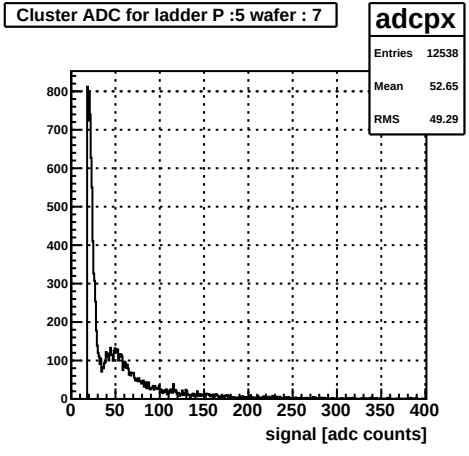

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 17585
Mean 42.28
RMS 38.4
signal [adc counts]

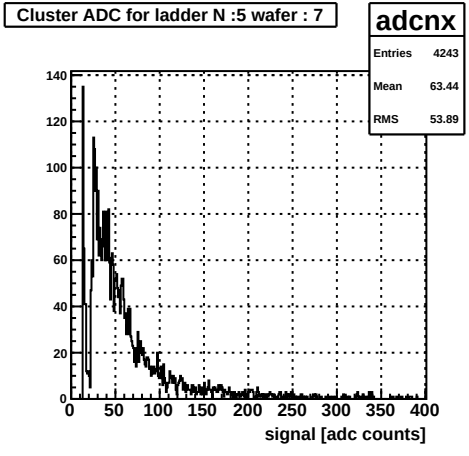

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3188
Mean 76.47
RMS 58.73
signal [adc counts]

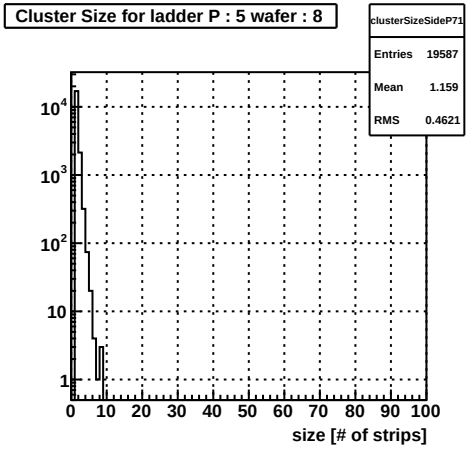

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 12538
Mean 1.196
RMS 0.4982
size [# of strips]

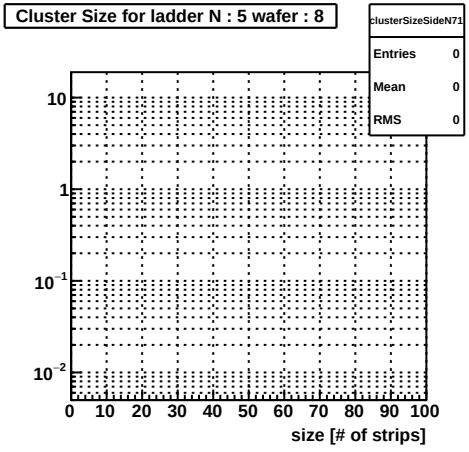

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 4243
Mean 1.31
RMS 0.5969
size [# of strips]

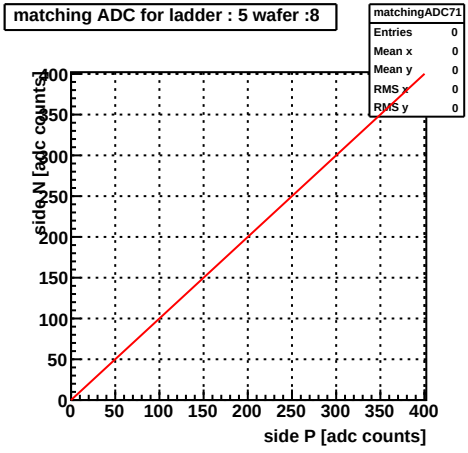

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2865
Mean x 69.95
Mean y 68.6
RMS x 54.96
RMS y 55.08
side N [adc counts]
side P [adc counts]

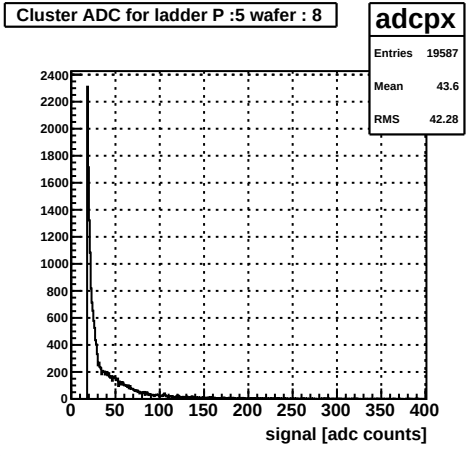

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 12538
Mean 52.65
RMS 49.29
signal [adc counts]

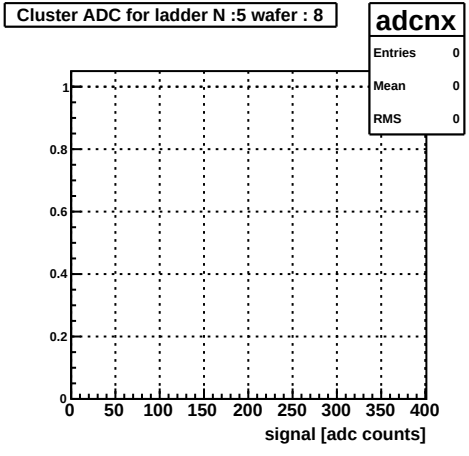

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 4243
Mean 63.44
RMS 53.89
signal [adc counts]

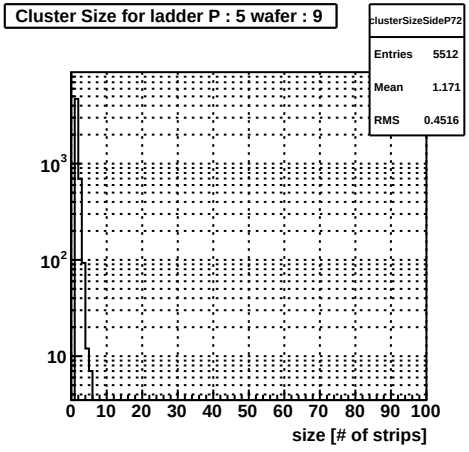

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 19587
Mean 1.159
RMS 0.4621
size [# of strips]

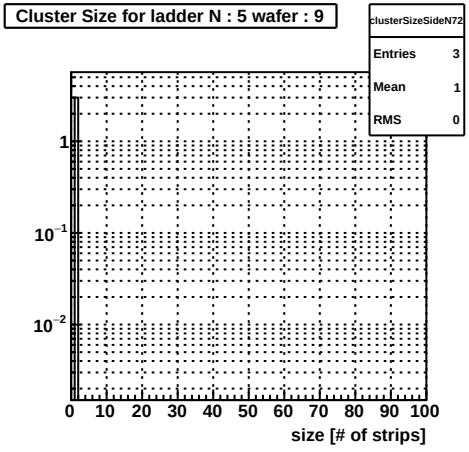

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

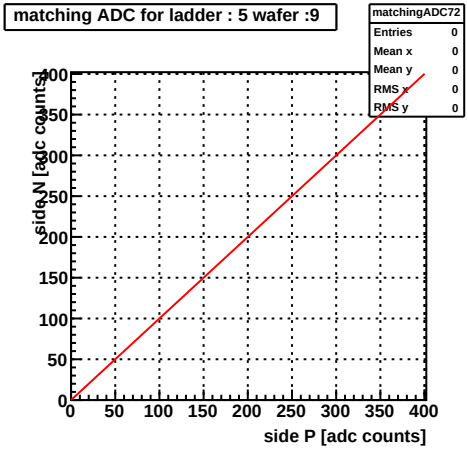

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

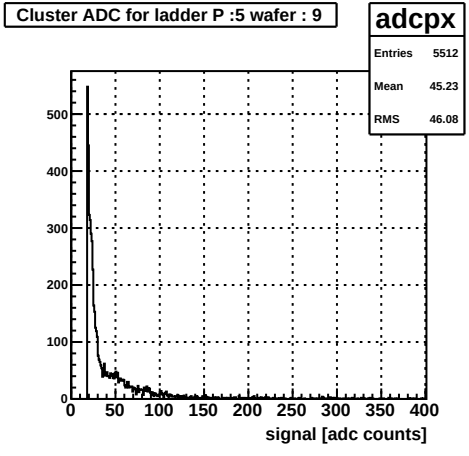

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 19587
Mean 43.6
RMS 42.28
signal [adc counts]

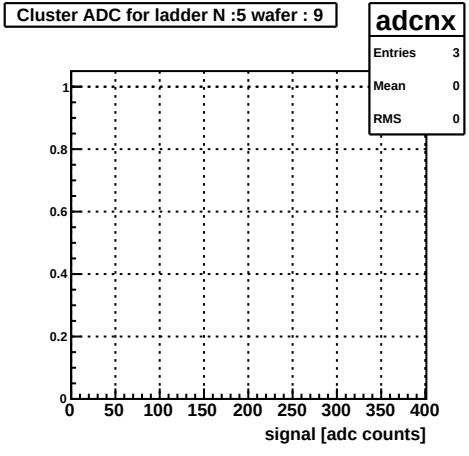

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

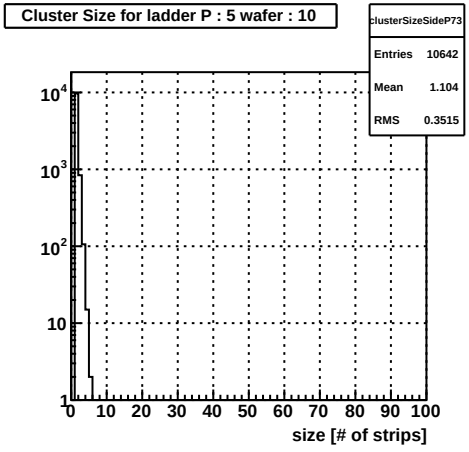

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5512
Mean 1.171
RMS 0.4516
size [# of strips]

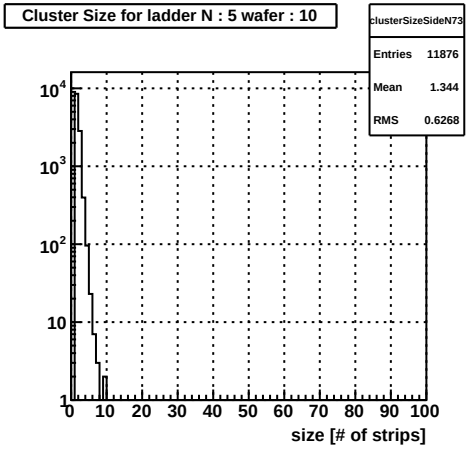

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 3
Mean 1
RMS 0
size [# of strips]

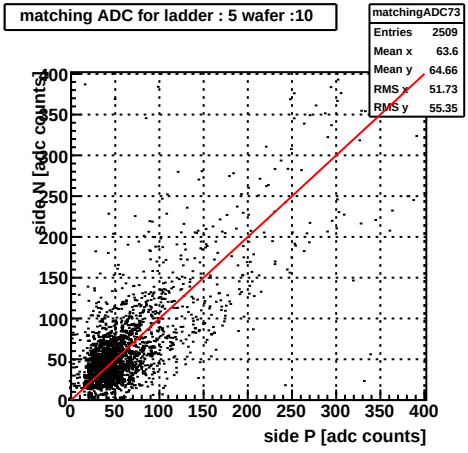

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

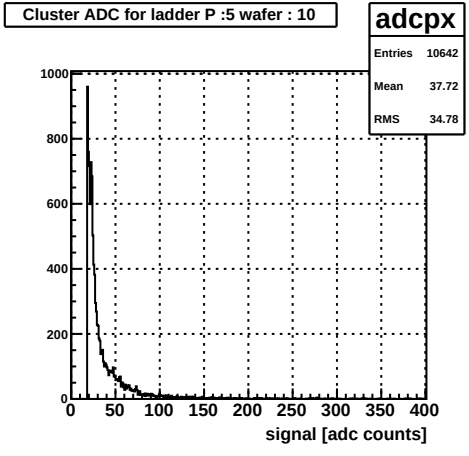

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5512
Mean 45.23
RMS 46.08
signal [adc counts]

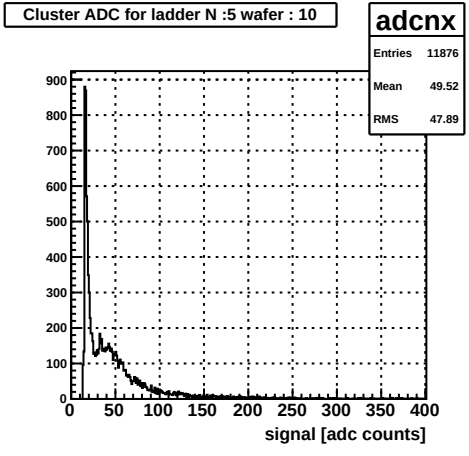

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

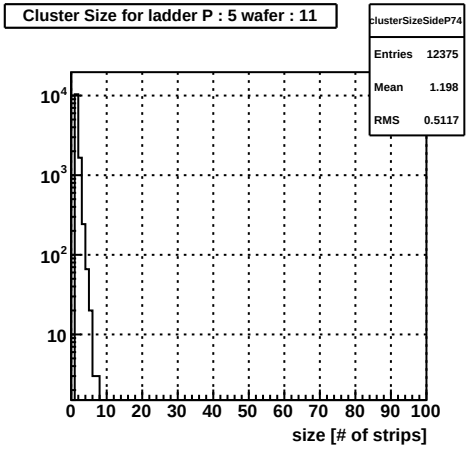

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10642
Mean 1.104
RMS 0.3515
size [# of strips]

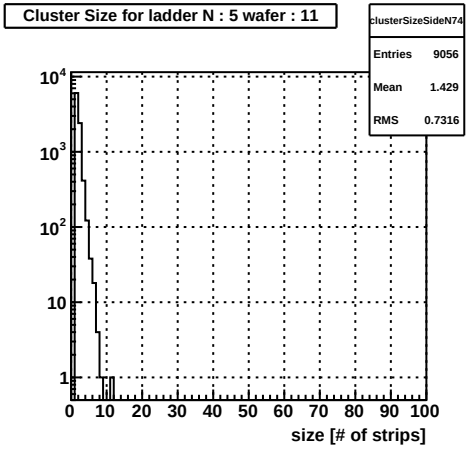

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 11876
Mean 1.344
RMS 0.6268
size [# of strips]

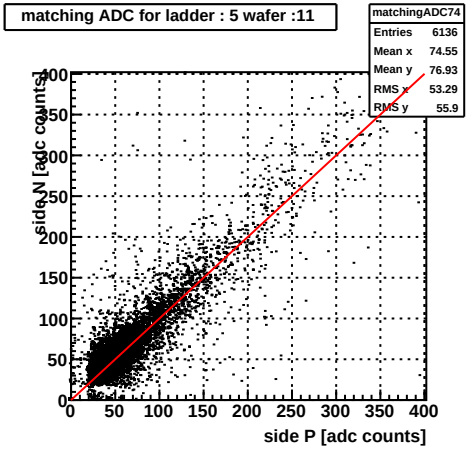

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 2509
Mean x 63.6
Mean y 64.66
RMS x 51.73
RMS y 55.35
side N [adc counts]
side P [adc counts]

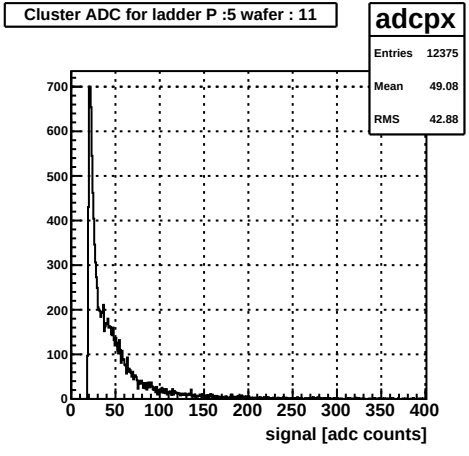

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10642
Mean 37.72
RMS 34.78
signal [adc counts]

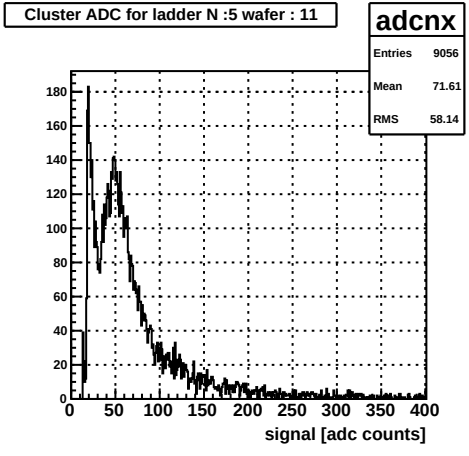

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 11876
Mean 49.52
RMS 47.89
signal [adc counts]

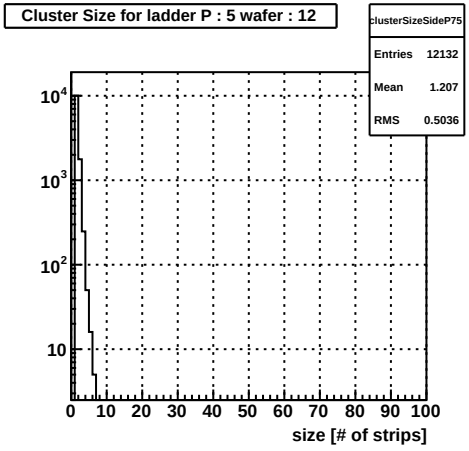

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 12375
Mean 1.198
RMS 0.5117
size [# of strips]

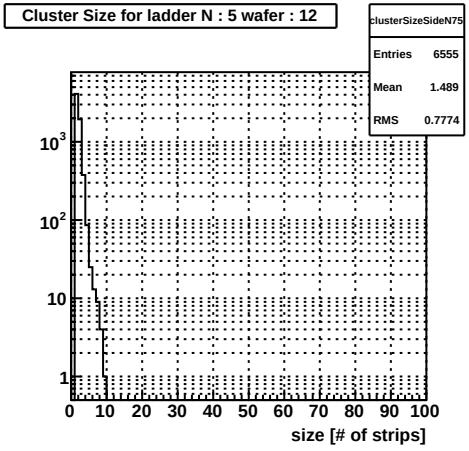

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 9056
Mean 1.429
RMS 0.7316
size [# of strips]

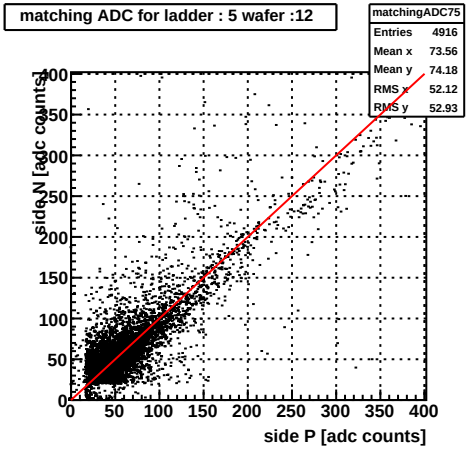

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 6136
Mean x 74.55
Mean y 76.93
RMS x 53.29
RMS y 55.9
side N [adc counts]
side P [adc counts]

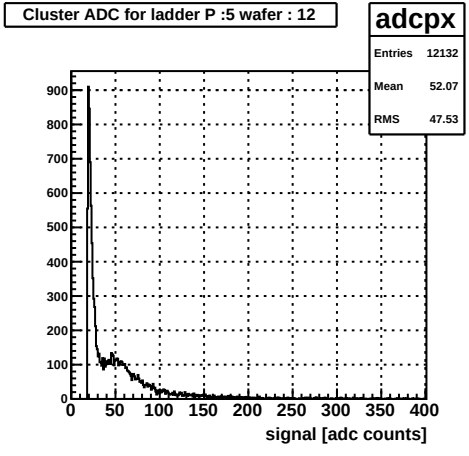

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 12375
Mean 49.08
RMS 42.88
signal [adc counts]

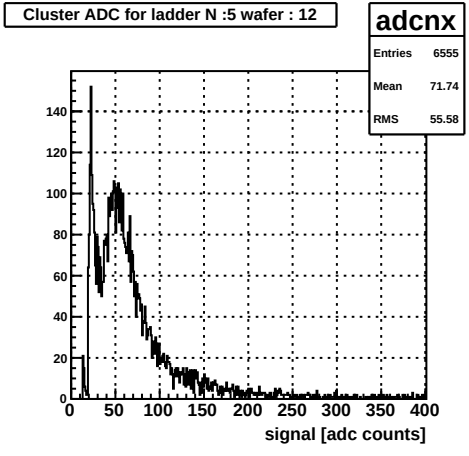

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 9056
Mean 71.61
RMS 58.14
signal [adc counts]

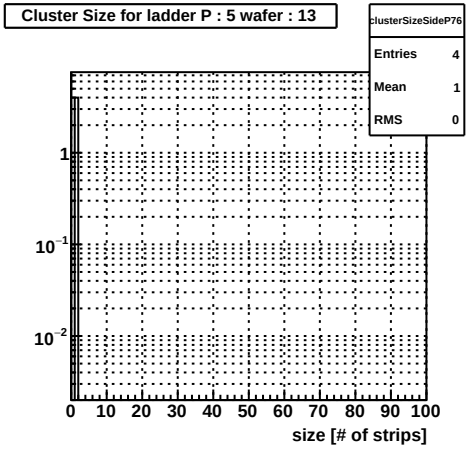

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 12132
Mean 1.207
RMS 0.5036
size [# of strips]

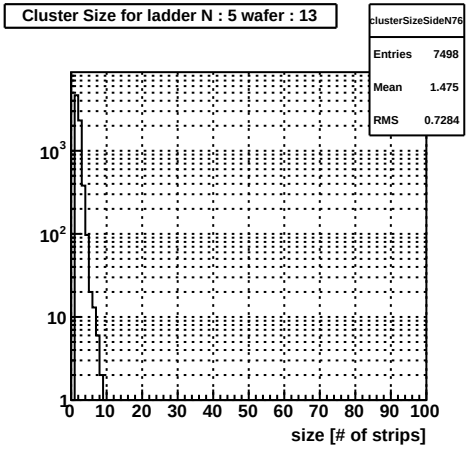

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 6555
Mean 1.489
RMS 0.7774
size [# of strips]

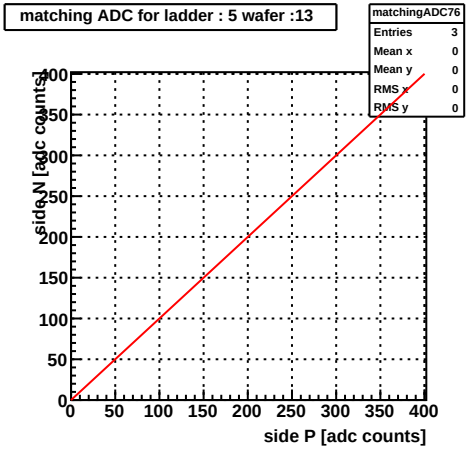

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 4916
Mean x 73.56
Mean y 74.18
RMS x 52.12
RMS y 52.93
side N [adc counts]
side P [adc counts]

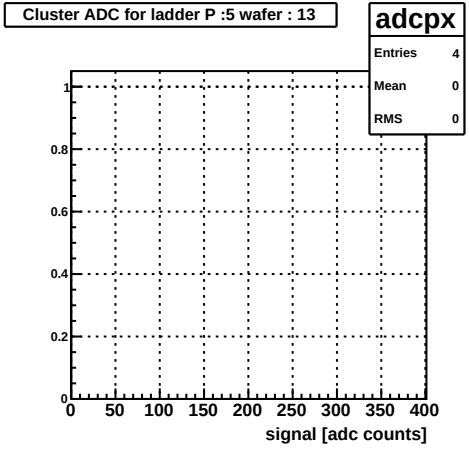

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 12132
Mean 52.07
RMS 47.53
signal [adc counts]

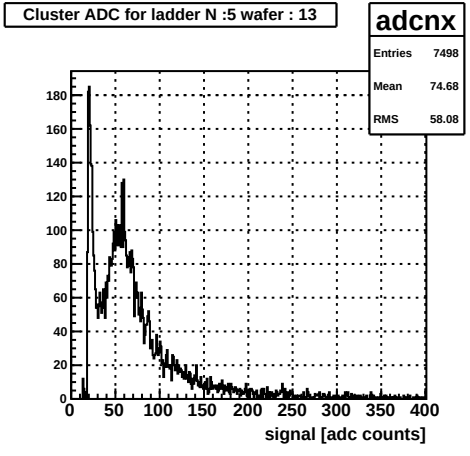

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 6555
Mean 71.74
RMS 55.58
signal [adc counts]

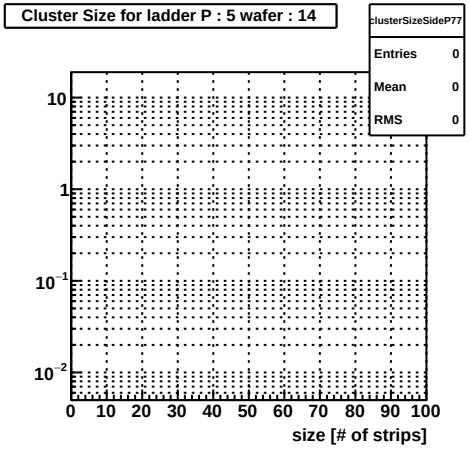

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 4
Mean 1
RMS 0
size [# of strips]

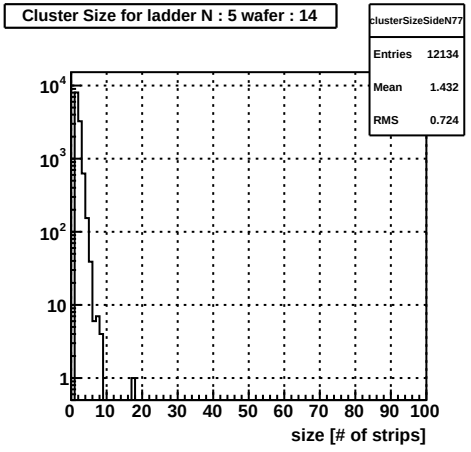

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 7498
Mean 1.475
RMS 0.7284
size [# of strips]

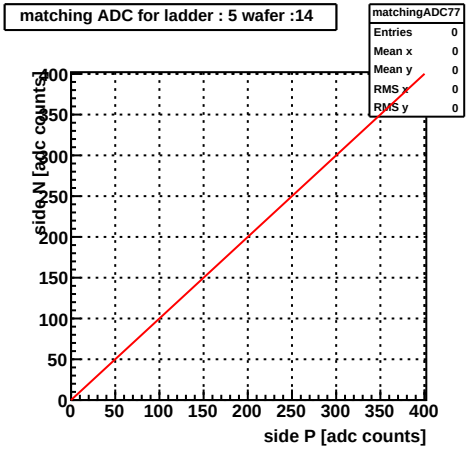

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

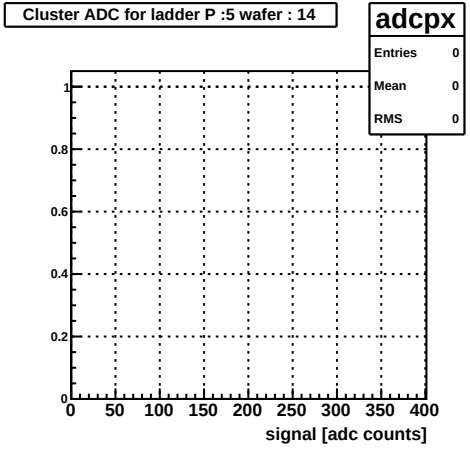

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

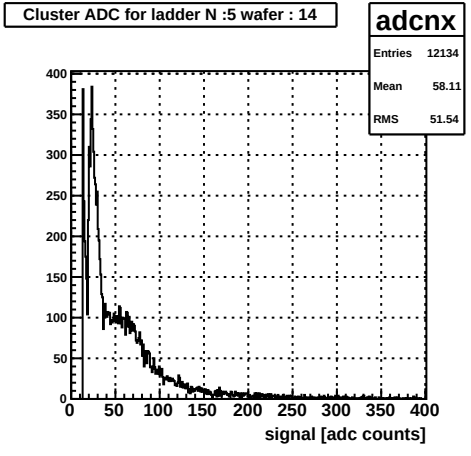

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 7498
Mean 74.68
RMS 58.08
signal [adc counts]

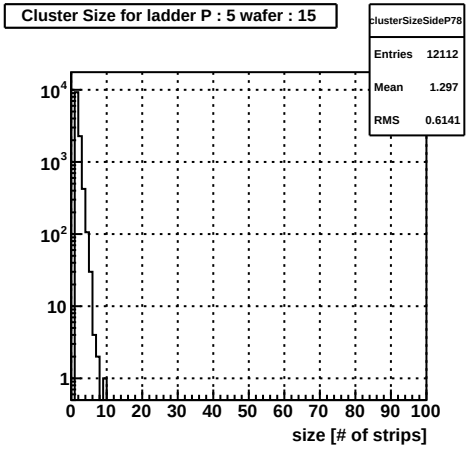

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

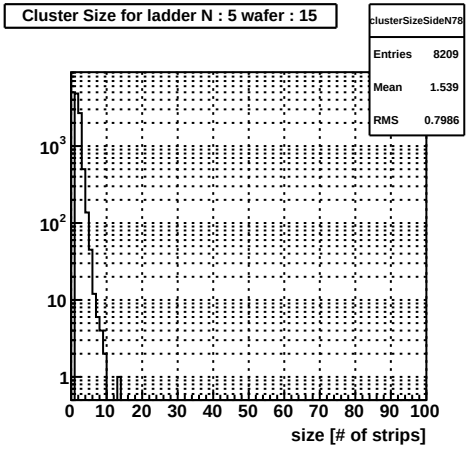

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 12134
Mean 1.432
RMS 0.724
size [# of strips]

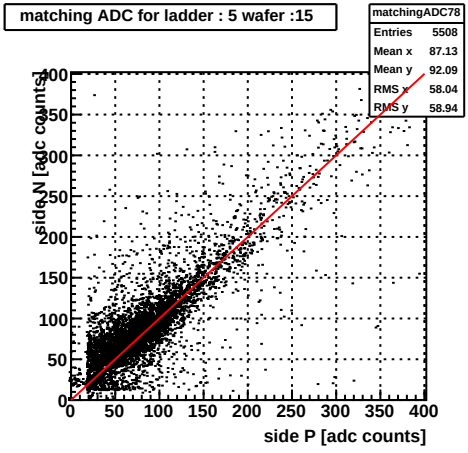

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

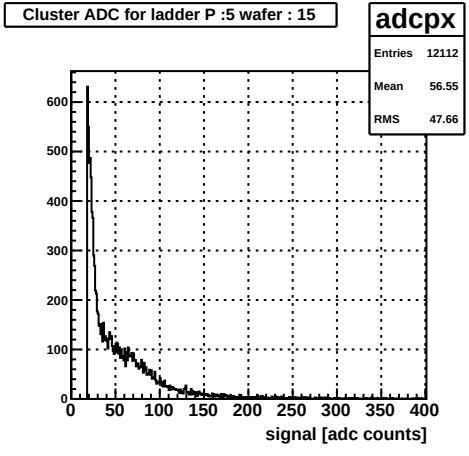

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

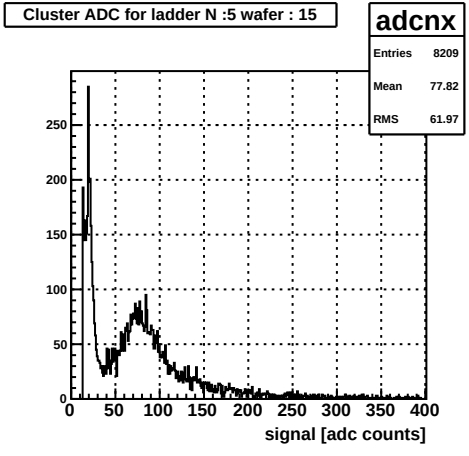

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 12134
Mean 58.11
RMS 51.54
signal [adc counts]

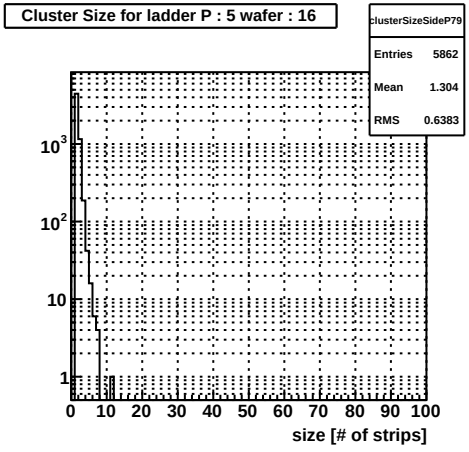

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 12112
Mean 1.297
RMS 0.6141
size [# of strips]

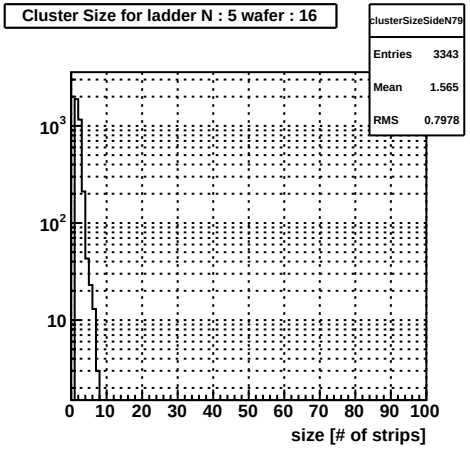

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 8209
Mean 1.539
RMS 0.7986
size [# of strips]

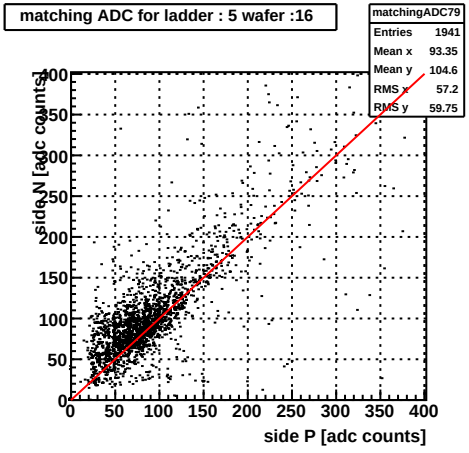

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 5508
Mean x 87.13
Mean y 92.09
RMS x 58.04
RMS y 58.94
side N [adc counts]
side P [adc counts]

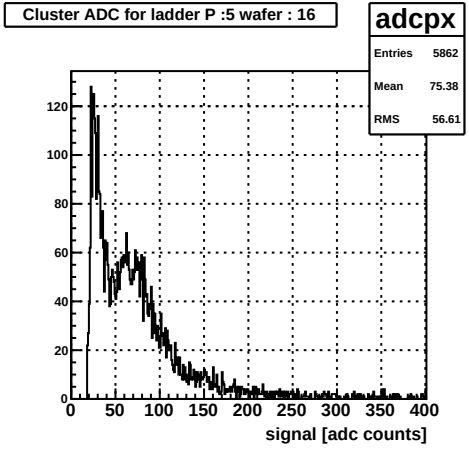

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 12112
Mean 56.55
RMS 47.66
signal [adc counts]

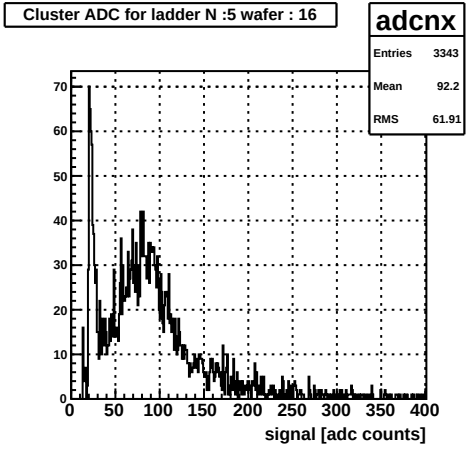

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 8209
Mean 77.82
RMS 61.97
signal [adc counts]

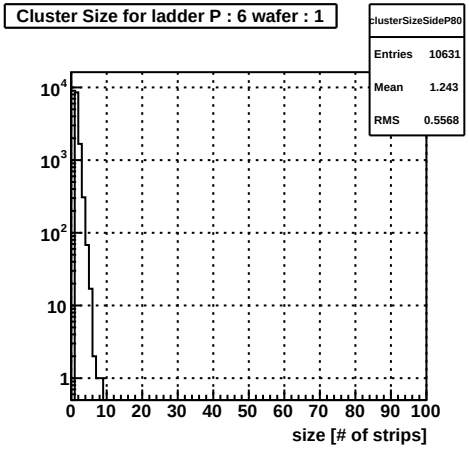

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 5862
Mean 1.304
RMS 0.6383
size [# of strips]

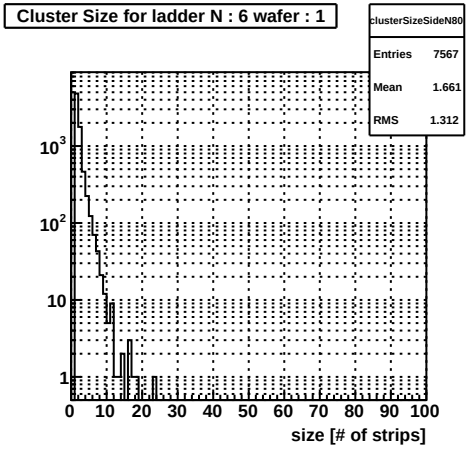

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 3343
Mean 1.565
RMS 0.7978
size [# of strips]

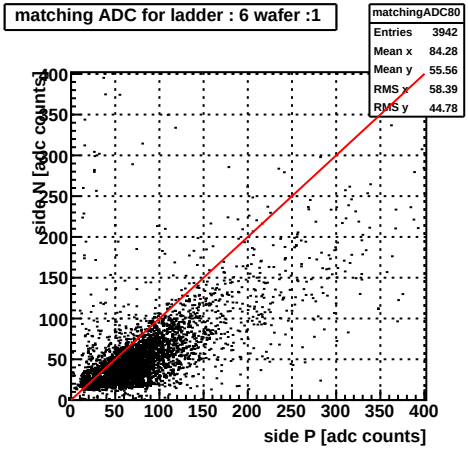

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1941
Mean x 93.35
Mean y 104.6
RMS x 57.2
RMS y 59.75
side N [adc counts]
side P [adc counts]

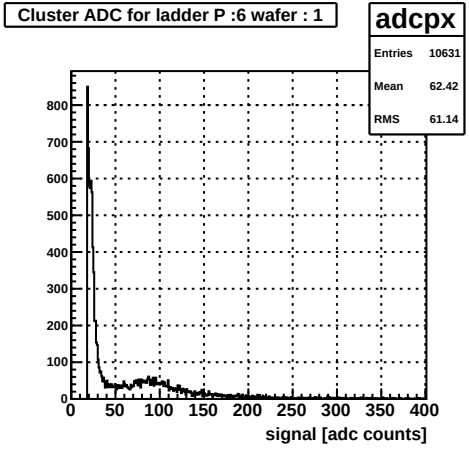

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 5862
Mean 75.38
RMS 56.61
signal [adc counts]

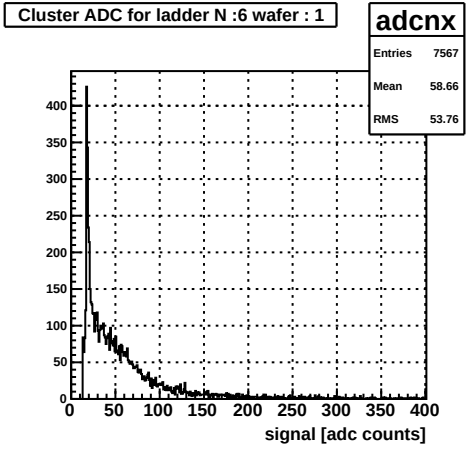

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 3343
Mean 92.2
RMS 61.91
signal [adc counts]

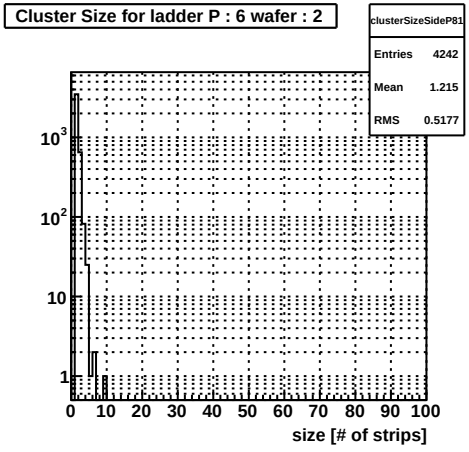

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10631
Mean 1.243
RMS 0.5568
size [# of strips]

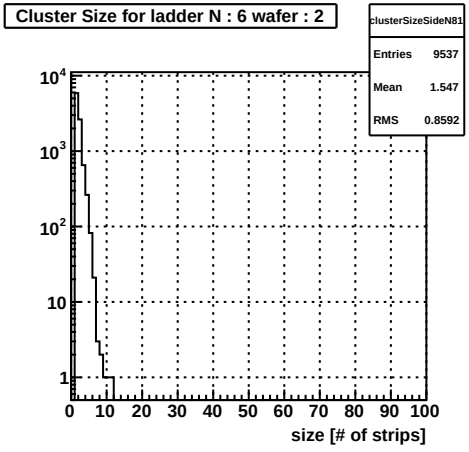

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 7567
Mean 1.661
RMS 1.312
size [# of strips]

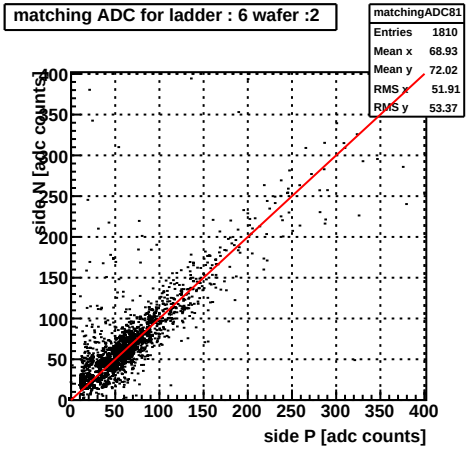

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 3942
Mean x 84.28
Mean y 55.56
RMS x 58.39
RMS y 44.78
side N [adc counts]
side P [adc counts]

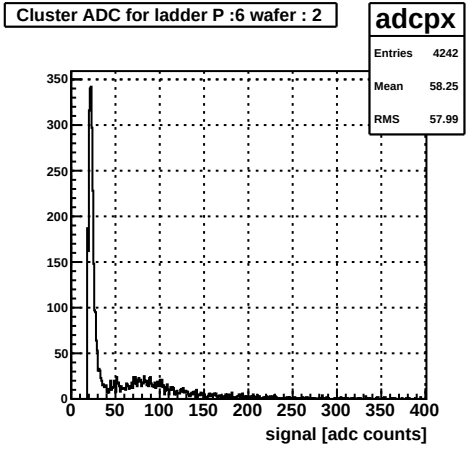

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10631
Mean 62.42
RMS 61.14
signal [adc counts]

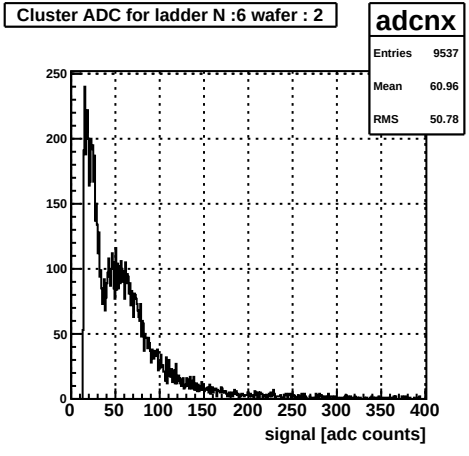

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 7567
Mean 58.66
RMS 53.76
signal [adc counts]

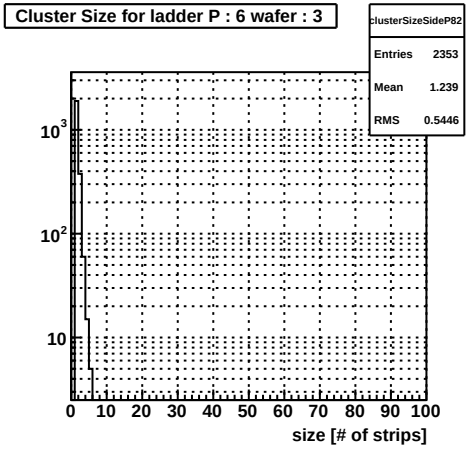

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4242
Mean 1.215
RMS 0.5177
size [# of strips]

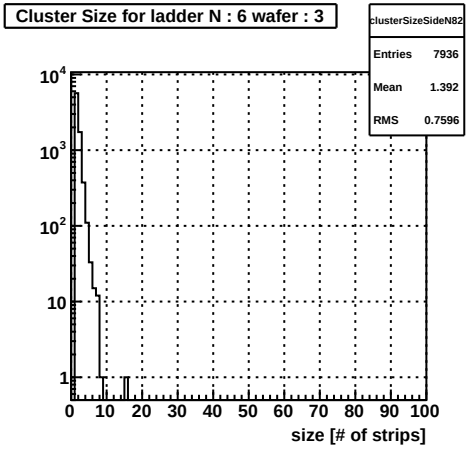

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 9537
Mean 1.547
RMS 0.8592
size [# of strips]

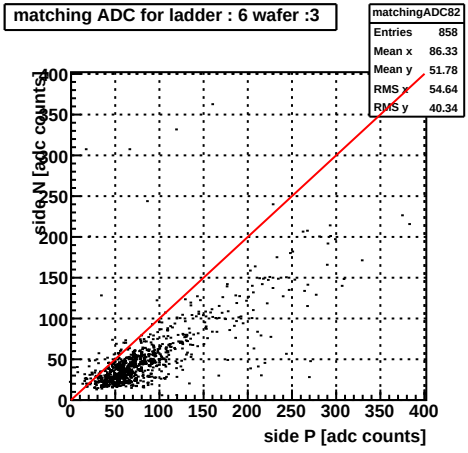

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1810
Mean x 68.93
Mean y 72.02
RMS x 51.91
RMS y 53.37
side N [adc counts]
side P [adc counts]

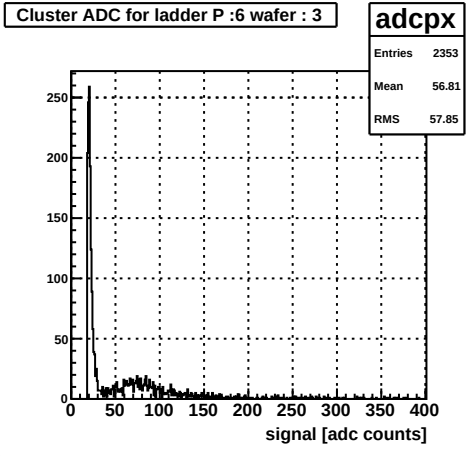

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4242
Mean 58.25
RMS 57.99
signal [adc counts]

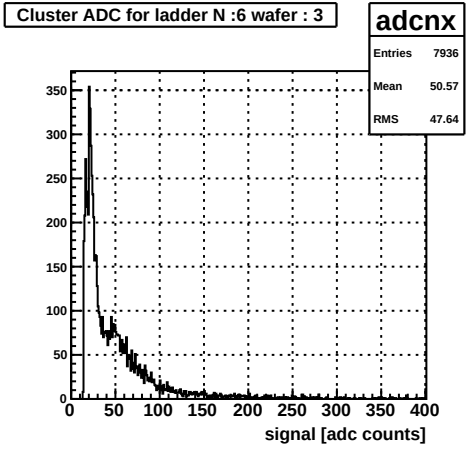

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 9537
Mean 60.96
RMS 50.78
signal [adc counts]

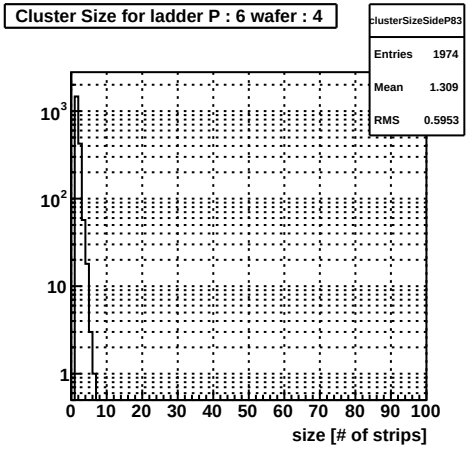

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2353
Mean 1.239
RMS 0.5446
size [# of strips]

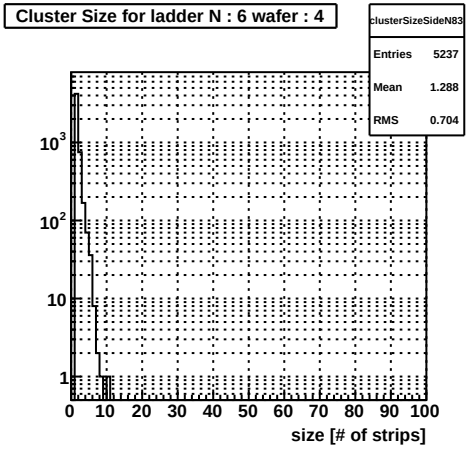

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 7936
Mean 1.392
RMS 0.7596
size [# of strips]

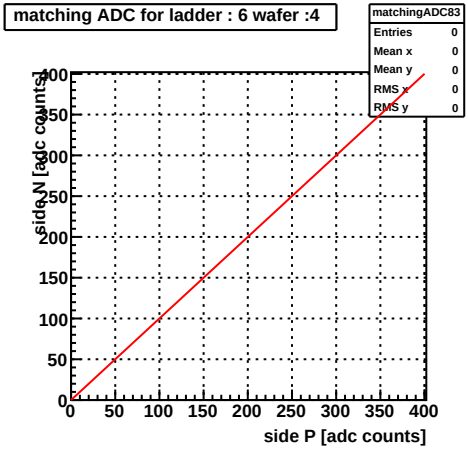

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 858
Mean x 86.33
Mean y 51.78
RMS x 54.64
RMS y 40.34
side N [adc counts]
side P [adc counts]

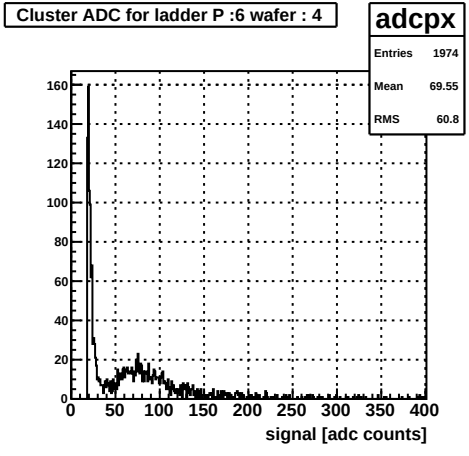

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2353
Mean 56.81
RMS 57.85
signal [adc counts]

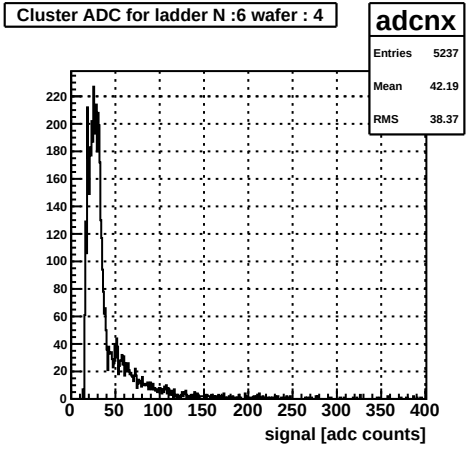

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 7936
Mean 50.57
RMS 47.64
signal [adc counts]

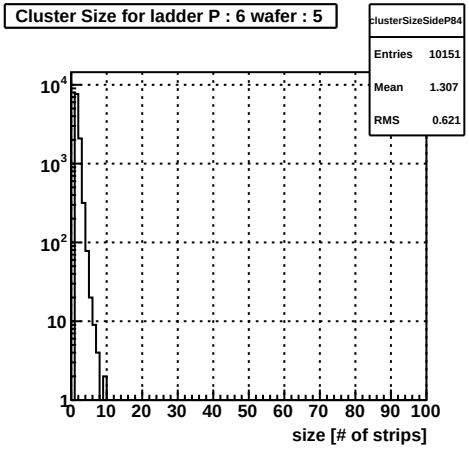

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1974
Mean 1.309
RMS 0.5953
size [# of strips]

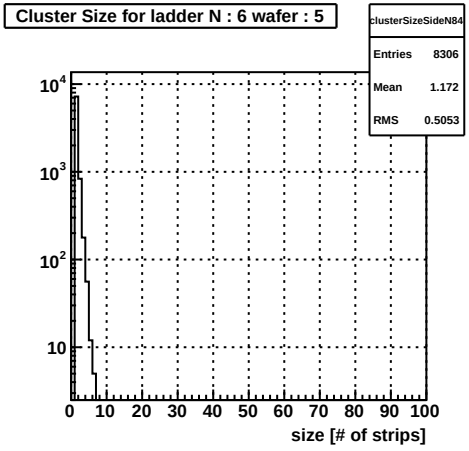

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5237
Mean 1.288
RMS 0.704
size [# of strips]

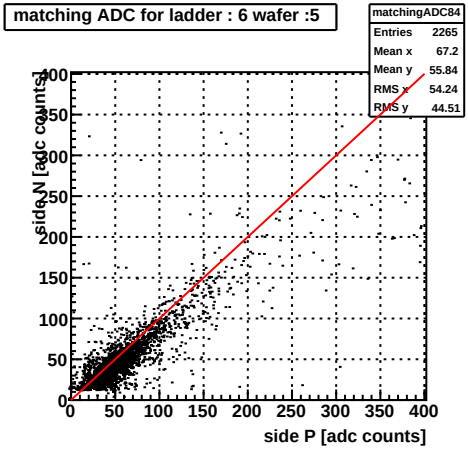

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

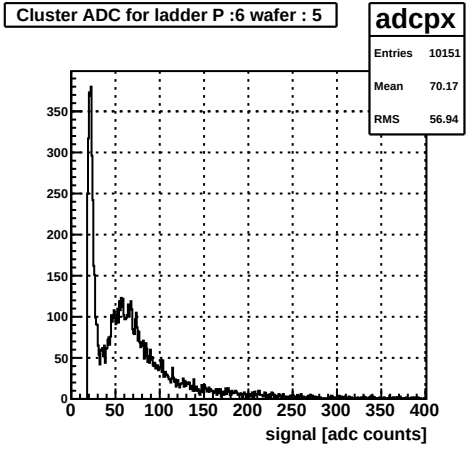

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1974
Mean 69.55
RMS 60.8
signal [adc counts]

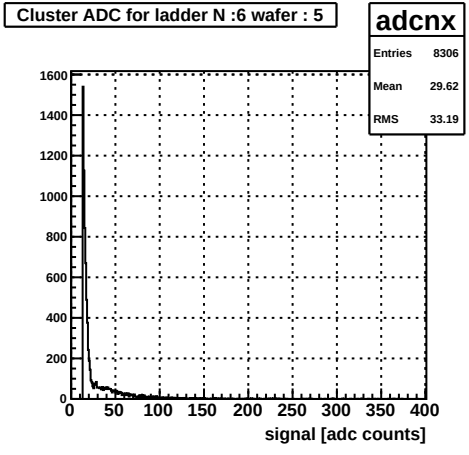

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5237
Mean 42.19
RMS 38.37
signal [adc counts]

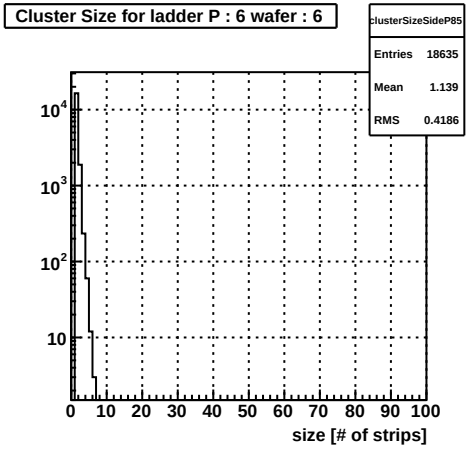

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 10151
Mean 1.307
RMS 0.621
size [# of strips]

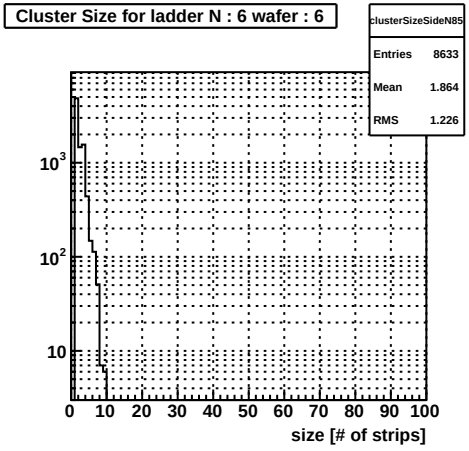

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 8306
Mean 1.172
RMS 0.5053
size [# of strips]

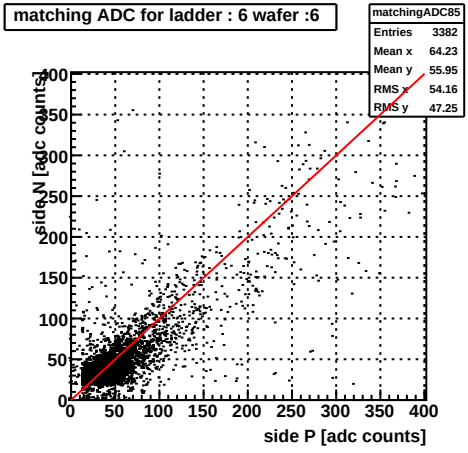

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2265
Mean x 67.2
Mean y 55.84
RMS x 54.24
RMS y 44.51
side N [adc counts]
side P [adc counts]

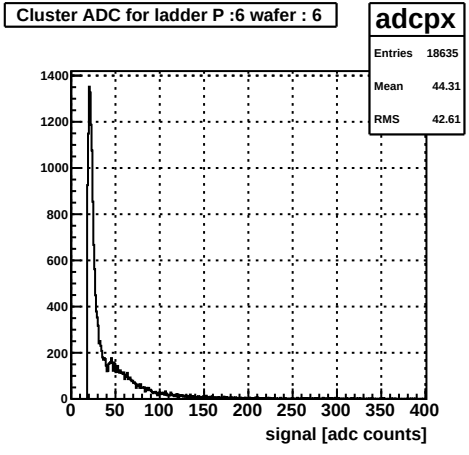

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 10151
Mean 70.17
RMS 56.94
signal [adc counts]

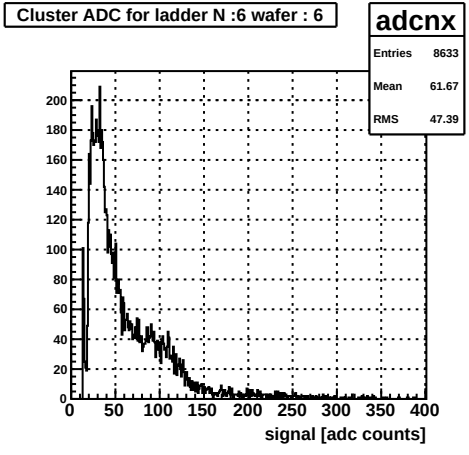

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 8306
Mean 29.62
RMS 33.19
signal [adc counts]

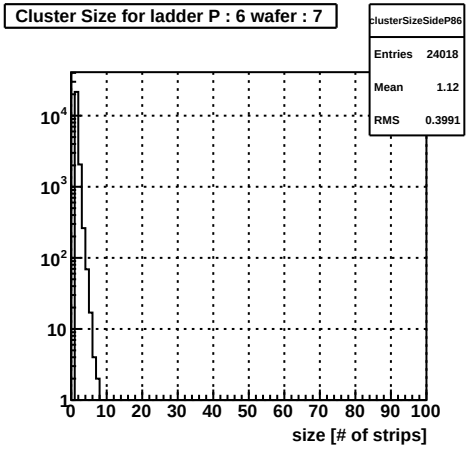

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18635
Mean 1.139
RMS 0.4186
size [# of strips]

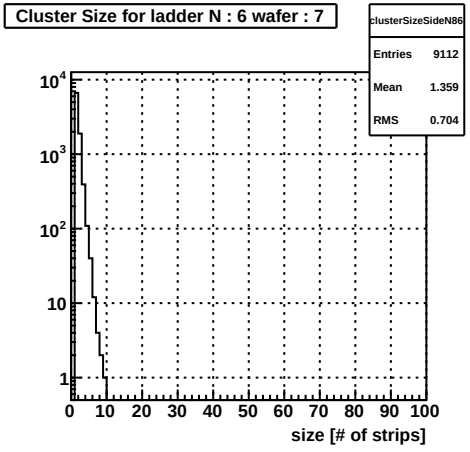

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 8633
Mean 1.864
RMS 1.226
size [# of strips]

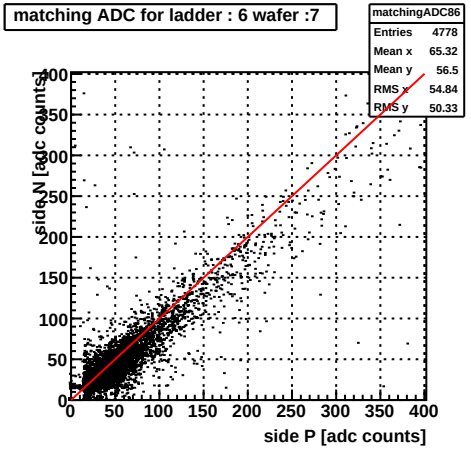

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 3382
Mean x 64.23
Mean y 55.95
RMS x 54.16
RMS y 47.25
side N [adc counts]
side P [adc counts]

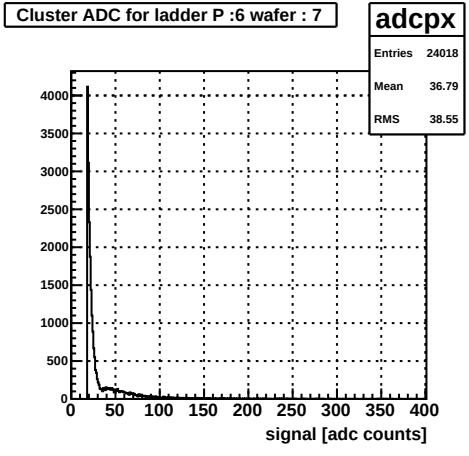

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18635
Mean 44.31
RMS 42.61
signal [adc counts]

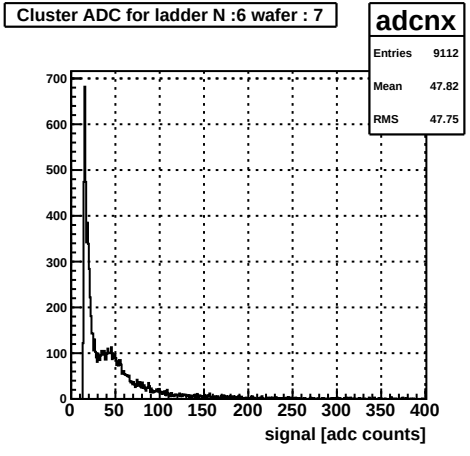

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 8633
Mean 61.67
RMS 47.39
signal [adc counts]

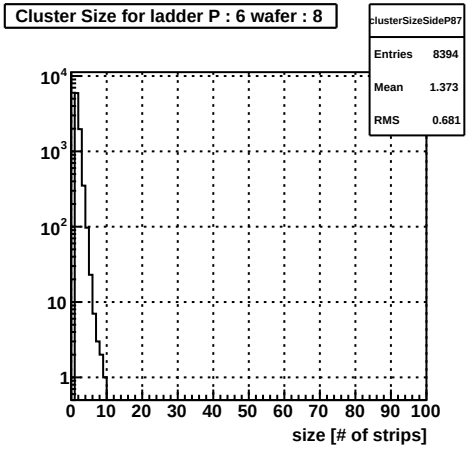

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 24018
Mean 1.12
RMS 0.3991
size [# of strips]

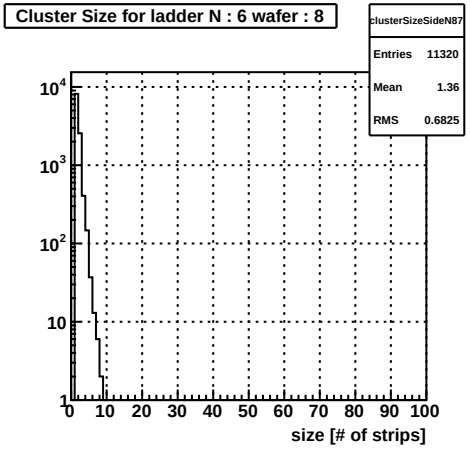

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 9112
Mean 1.359
RMS 0.704
size [# of strips]

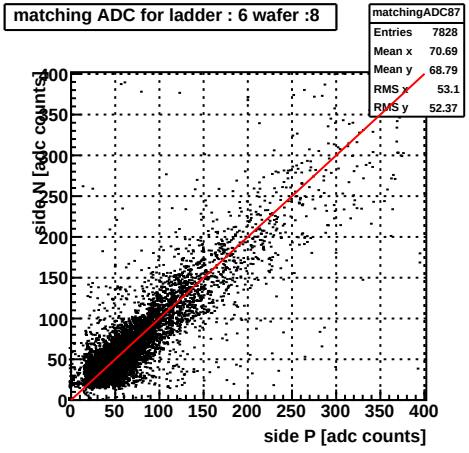

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4778
Mean x 65.32
Mean y 56.5
RMS x 54.84
RMS y 50.33
side N [adc counts]
side P [adc counts]

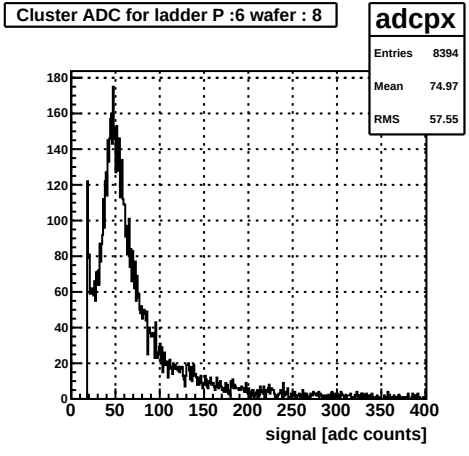

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 24018
Mean 36.79
RMS 38.55
signal [adc counts]

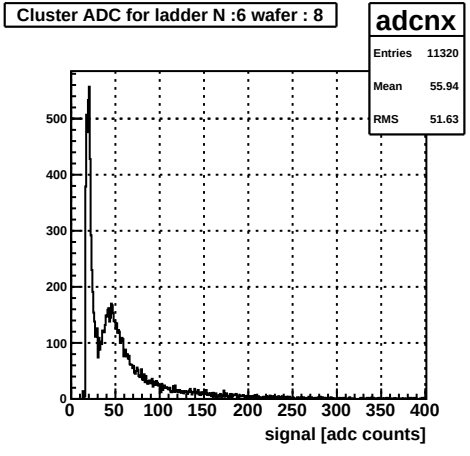

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 9112
Mean 47.82
RMS 47.75
signal [adc counts]

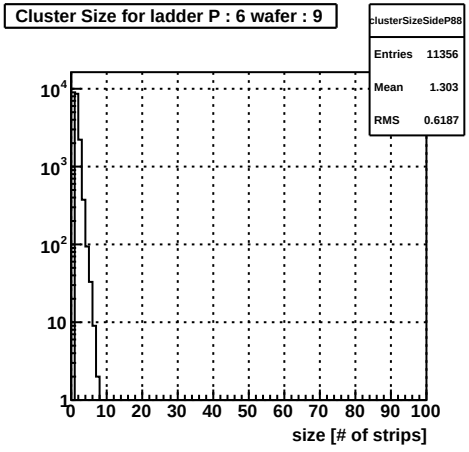

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 8394
Mean 1.373
RMS 0.681
size [# of strips]

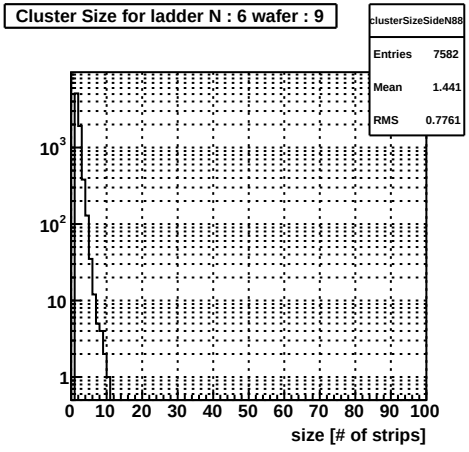

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 11320
Mean 1.36
RMS 0.6825
size [# of strips]

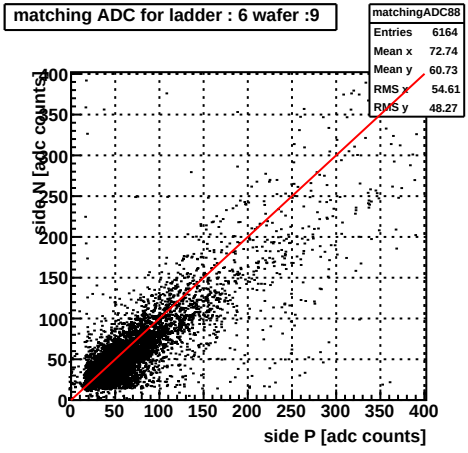

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 7828
Mean x 70.69
Mean y 68.79
RMS x 53.1
RMS y 52.37
side N [adc counts]
side P [adc counts]

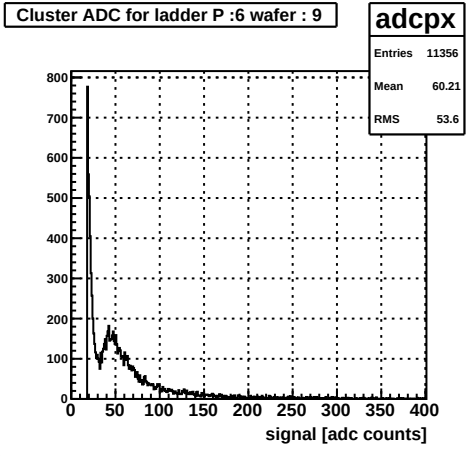

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 8394
Mean 74.97
RMS 57.55
signal [adc counts]

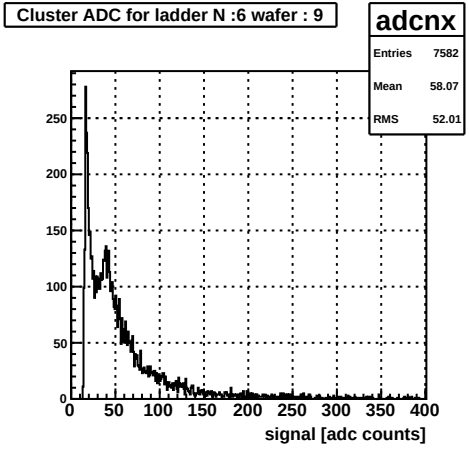

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 11320
Mean 55.94
RMS 51.63
signal [adc counts]

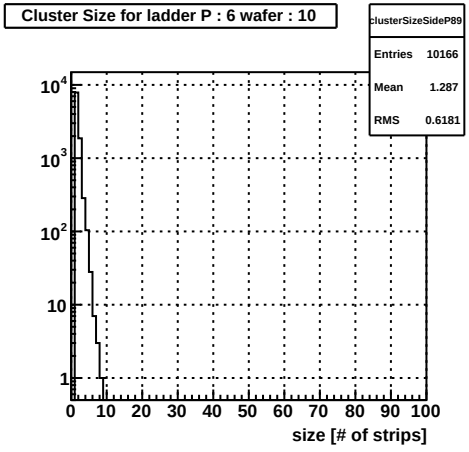

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 11356
Mean 1.303
RMS 0.6187
size [# of strips]

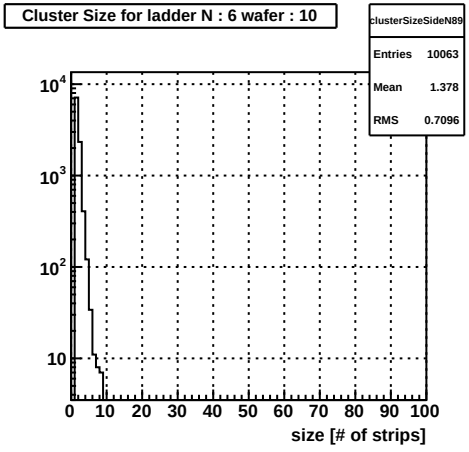

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 7582
Mean 1.441
RMS 0.7761
size [# of strips]

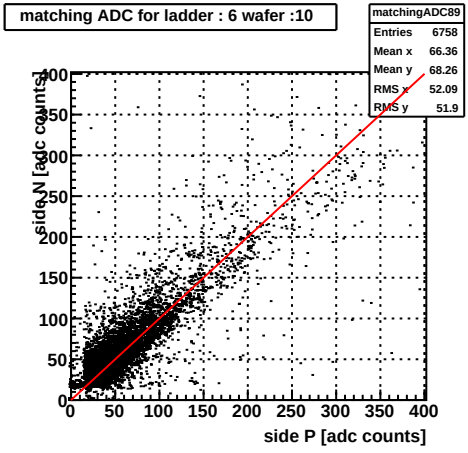

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 6164
Mean x 72.74
Mean y 60.73
RMS x 54.61
RMS y 48.27
side N [adc counts]
side P [adc counts]

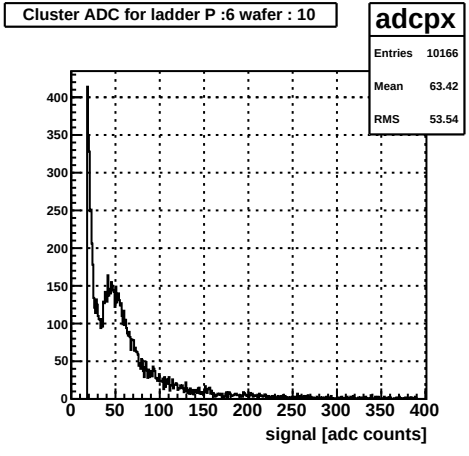

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 11356
Mean 60.21
RMS 53.6
signal [adc counts]

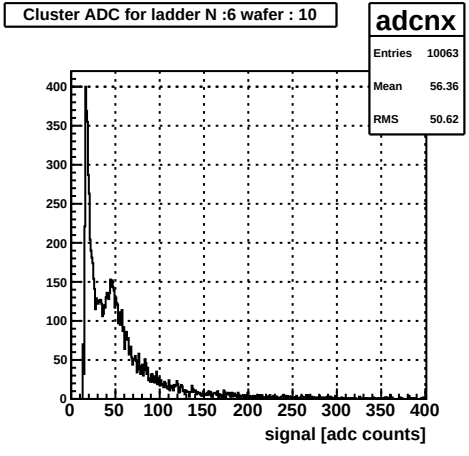

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 7582
Mean 58.07
RMS 52.01
signal [adc counts]

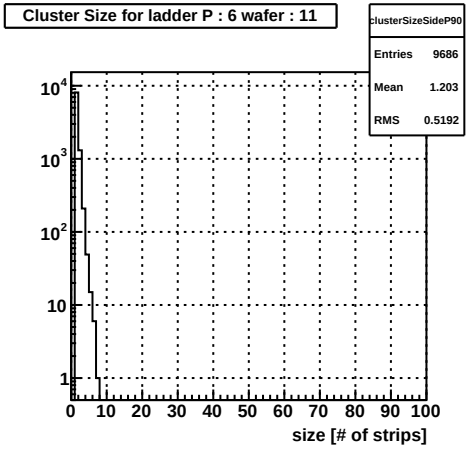

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 10166
Mean 1.287
RMS 0.6181
size [# of strips]

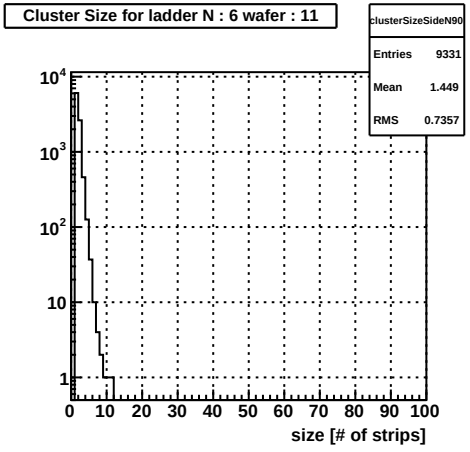

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 10063
Mean 1.378
RMS 0.7096
size [# of strips]

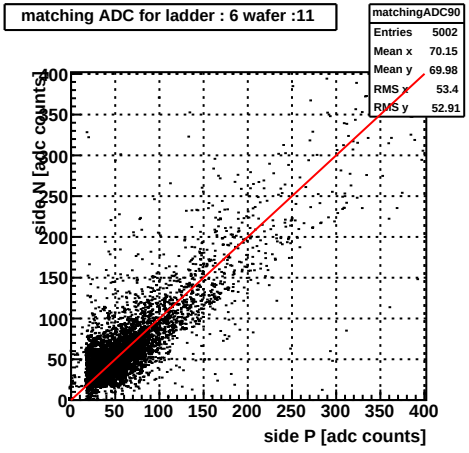

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 6758
Mean x 66.36
Mean y 68.26
RMS x 52.09
RMS y 51.9
side N [adc counts]
side P [adc counts]

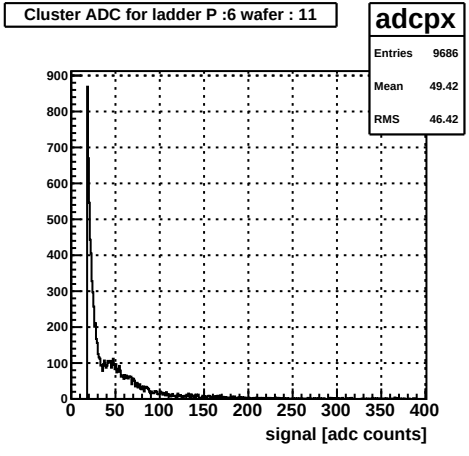

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 10166
Mean 63.42
RMS 53.54
signal [adc counts]

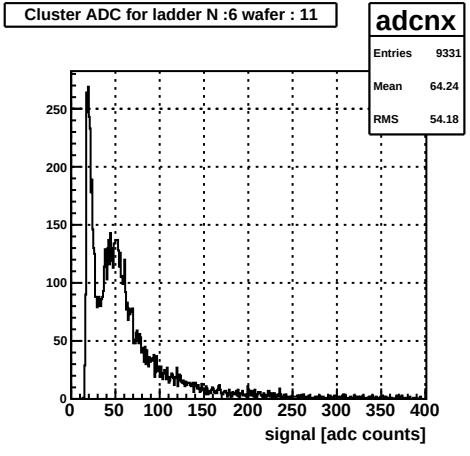

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 10063
Mean 56.36
RMS 50.62
signal [adc counts]

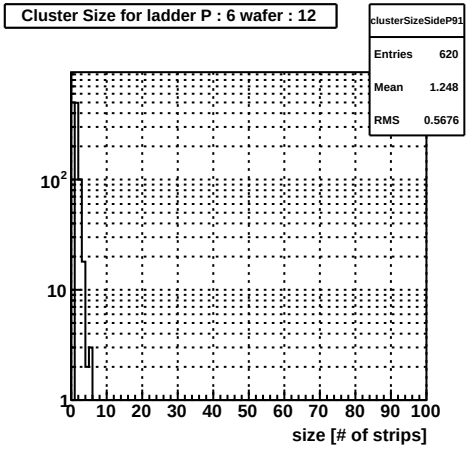

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9686
Mean 1.203
RMS 0.5192
size [# of strips]

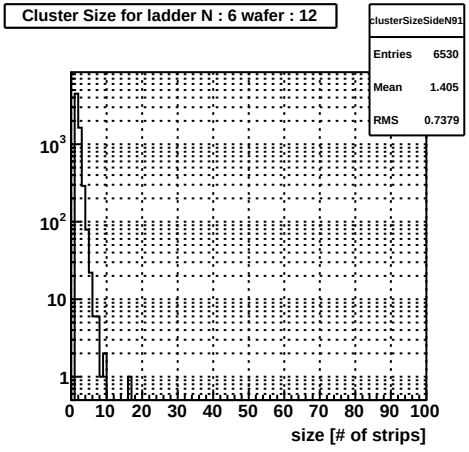

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 9331
Mean 1.449
RMS 0.7357
size [# of strips]

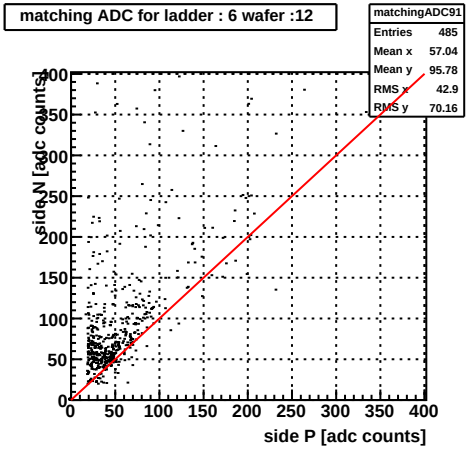

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5002
Mean x 70.15
Mean y 69.98
RMS x 53.4
RMS y 52.91
side N [adc counts]
side P [adc counts]

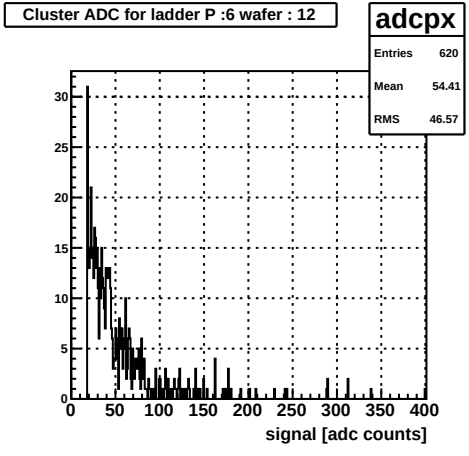

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9686
Mean 49.42
RMS 46.42
signal [adc counts]

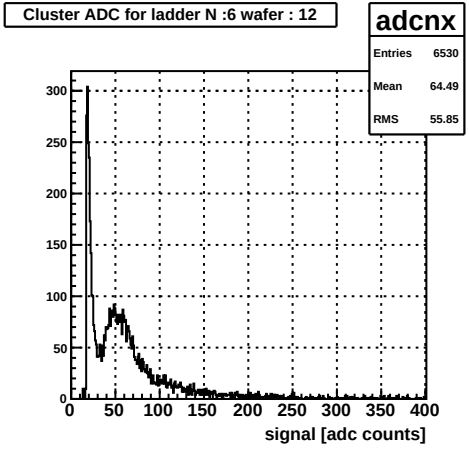

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 9331
Mean 64.24
RMS 54.18
signal [adc counts]

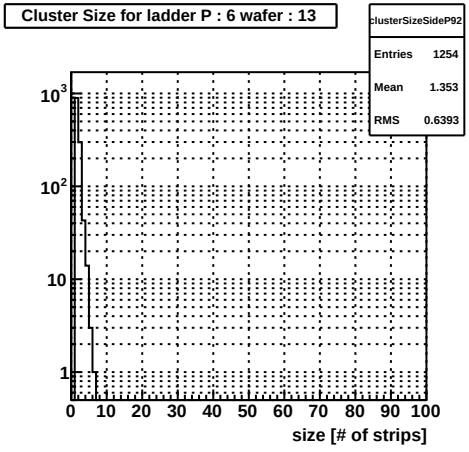

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 620
Mean 1.248
RMS 0.5676
size [# of strips]

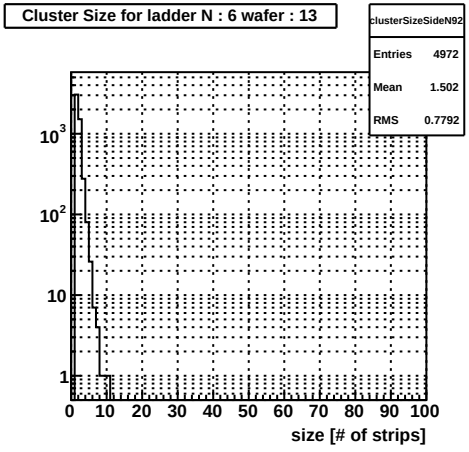

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 6530
Mean 1.405
RMS 0.7379
size [# of strips]

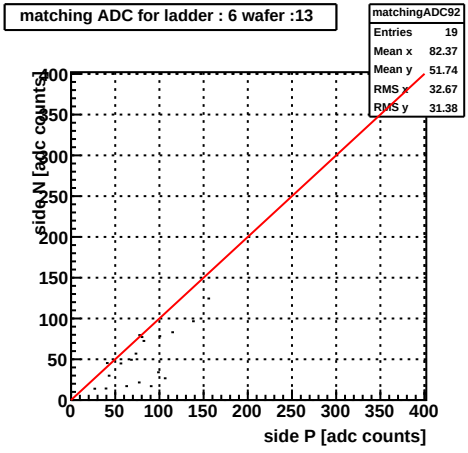

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 485
Mean x 57.04
Mean y 95.78
RMS x 42.9
RMS y 70.16
side N [adc counts]
side P [adc counts]

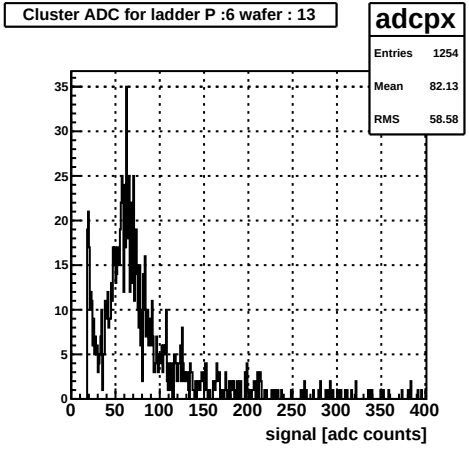

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 620
Mean 54.41
RMS 46.57
signal [adc counts]

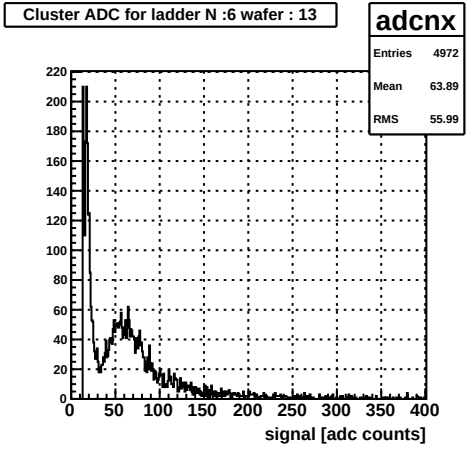

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 6530
Mean 64.49
RMS 55.85
signal [adc counts]

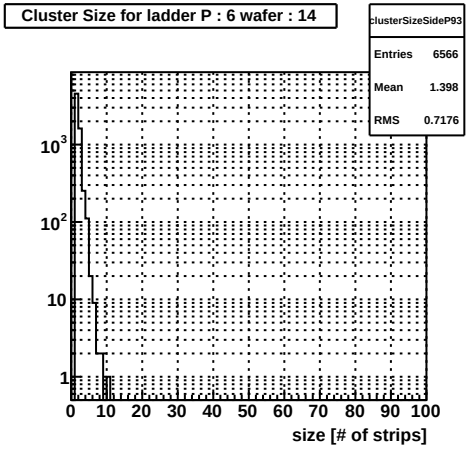

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1254
Mean 1.353
RMS 0.6393
size [# of strips]

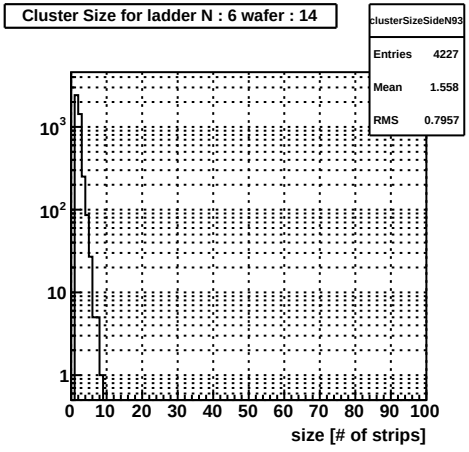

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4972
Mean 1.502
RMS 0.7792
size [# of strips]

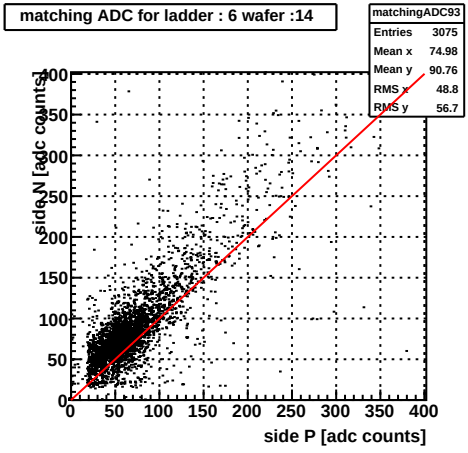

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 19
Mean x 82.37
Mean y 51.74
RMS x 32.67
RMS y 31.38
side N [adc counts]
side P [adc counts]

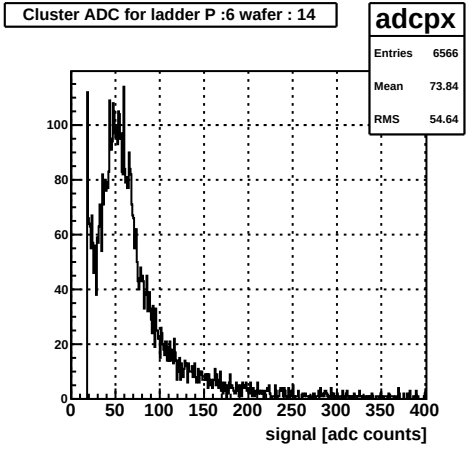

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1254
Mean 82.13
RMS 58.58
signal [adc counts]

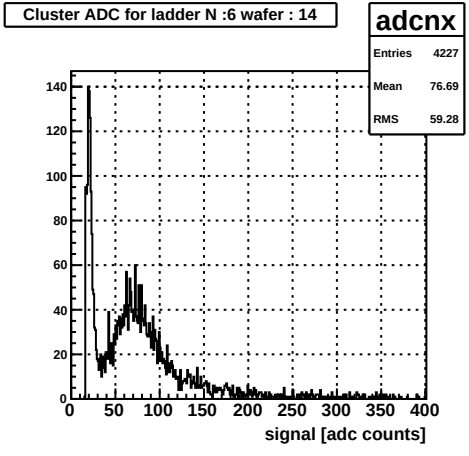

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4972
Mean 63.89
RMS 55.99
signal [adc counts]

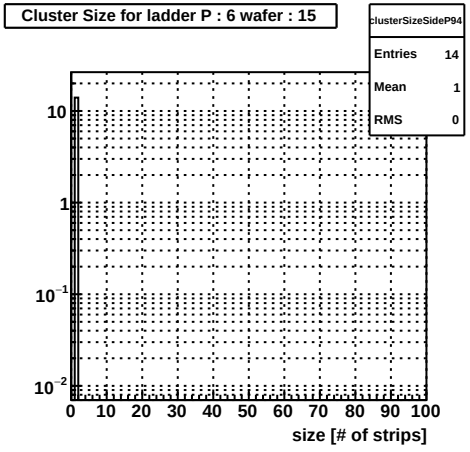

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 6566
Mean 1.398
RMS 0.7176
size [# of strips]

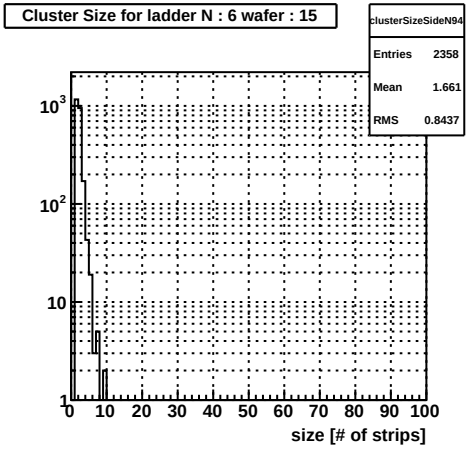

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4227
Mean 1.558
RMS 0.7957
size [# of strips]

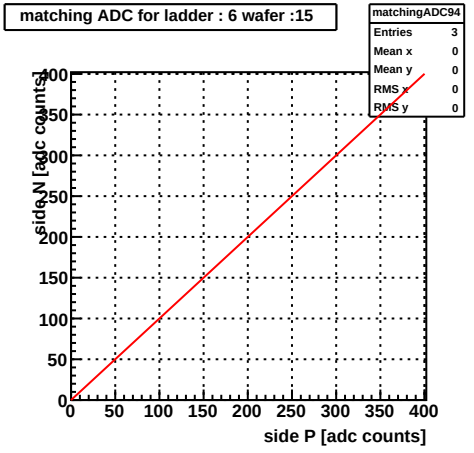

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3075
Mean x 74.98
Mean y 90.76
RMS x 48.8
RMS y 56.7
side N [adc counts]
side P [adc counts]

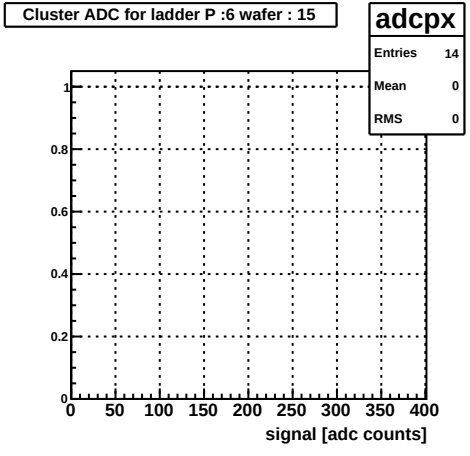

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 6566
Mean 73.84
RMS 54.64
signal [adc counts]

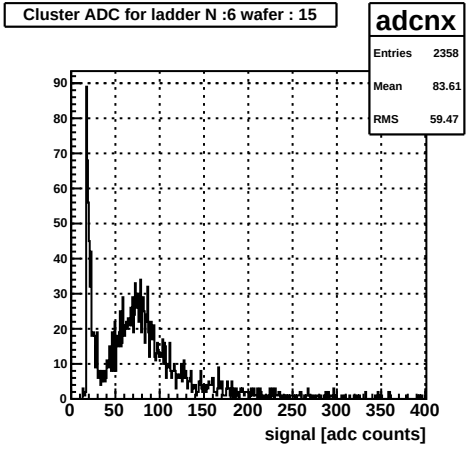

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4227
Mean 76.69
RMS 59.28
signal [adc counts]

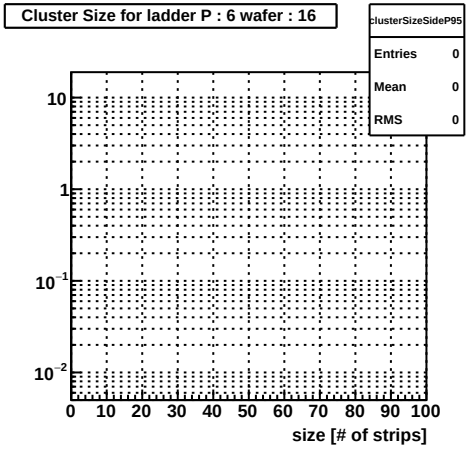

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 14
Mean 1
RMS 0
size [# of strips]

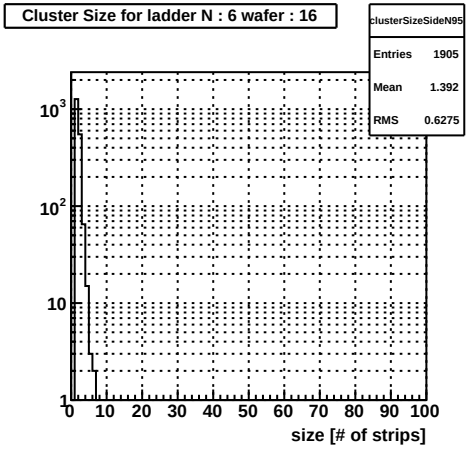

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2358
Mean 1.661
RMS 0.8437
size [# of strips]

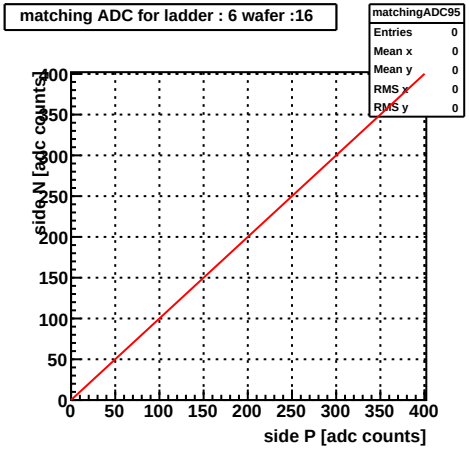

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

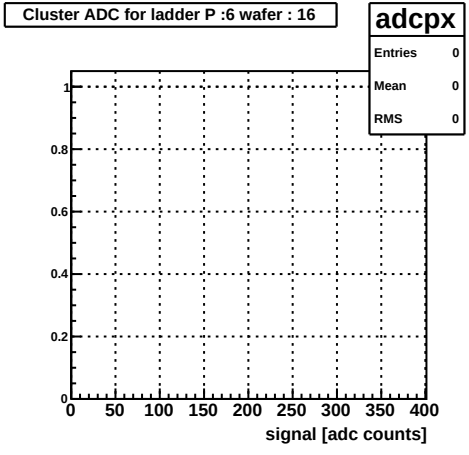

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

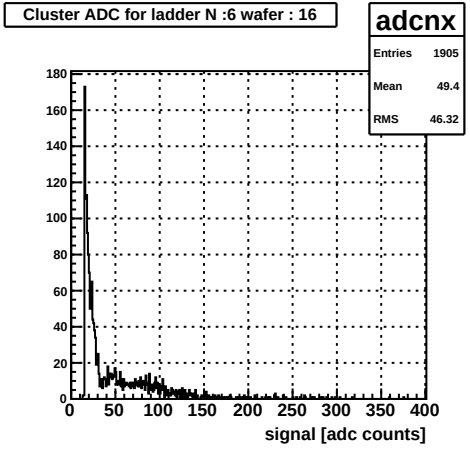

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2358
Mean 83.61
RMS 59.47
signal [adc counts]

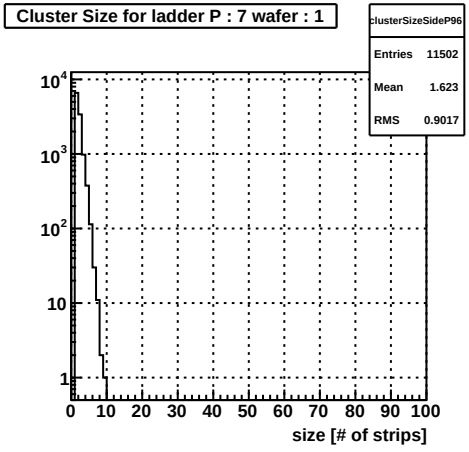

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

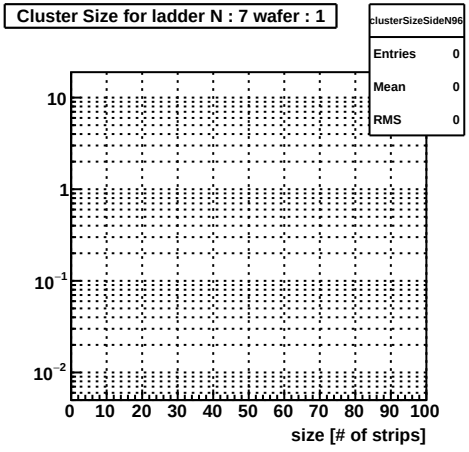

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1905
Mean 1.392
RMS 0.6275
size [# of strips]

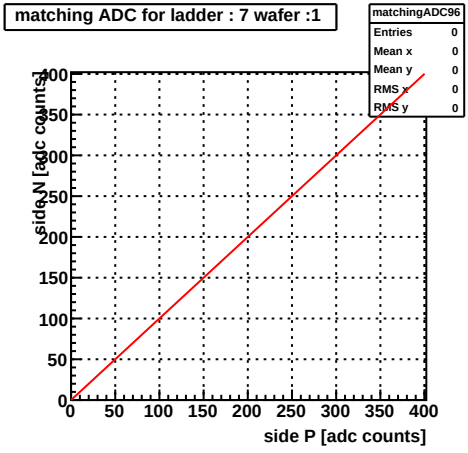

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

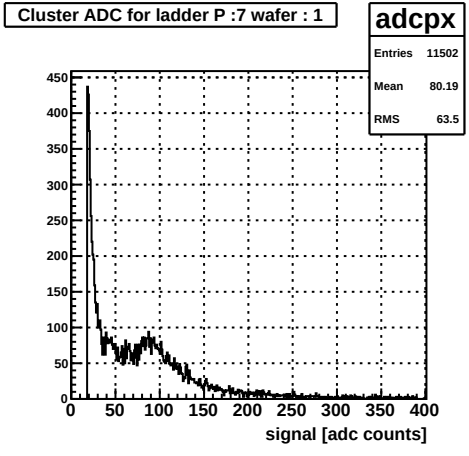

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

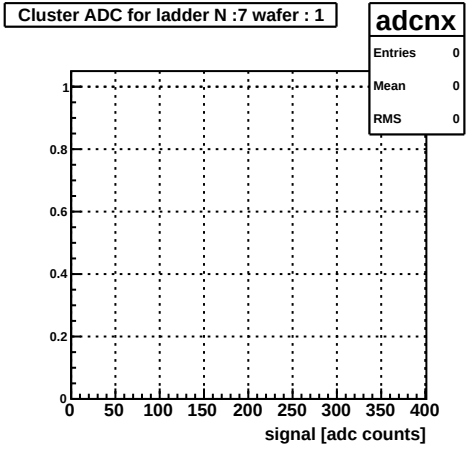

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1905
Mean 49.4
RMS 46.32
signal [adc counts]

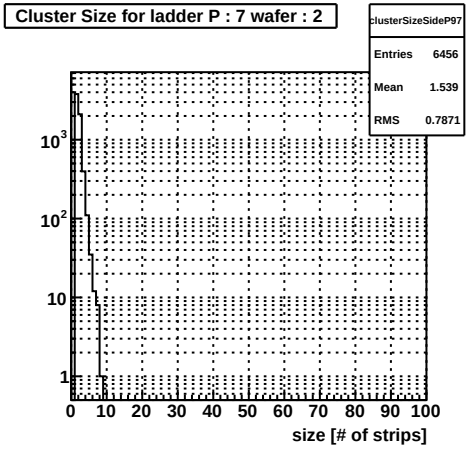

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 11502
Mean 1.623
RMS 0.9017
size [# of strips]

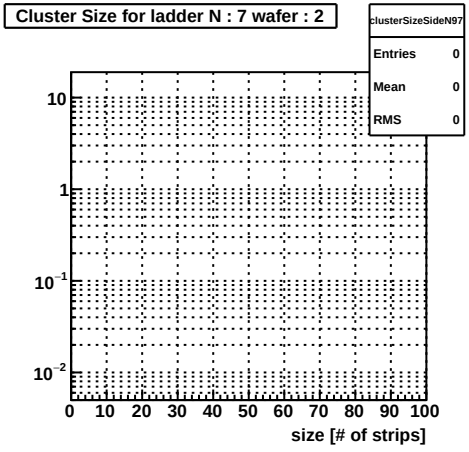

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

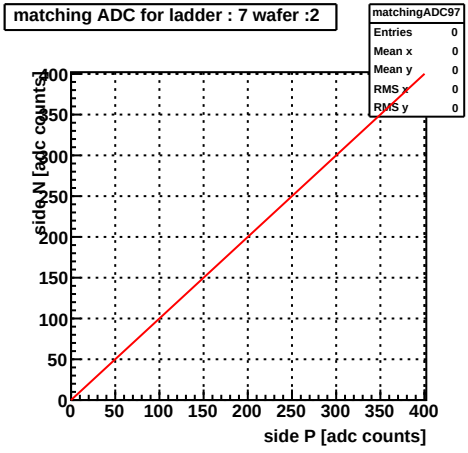

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

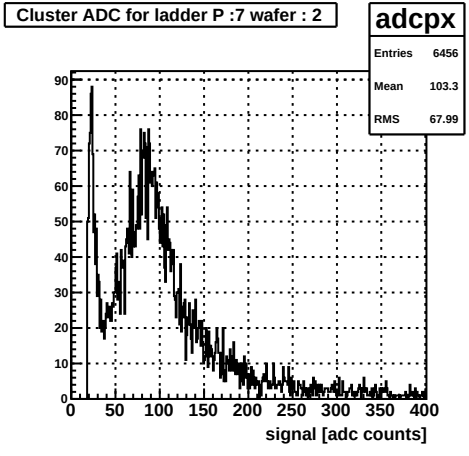

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 11502
Mean 80.19
RMS 63.5
signal [adc counts]

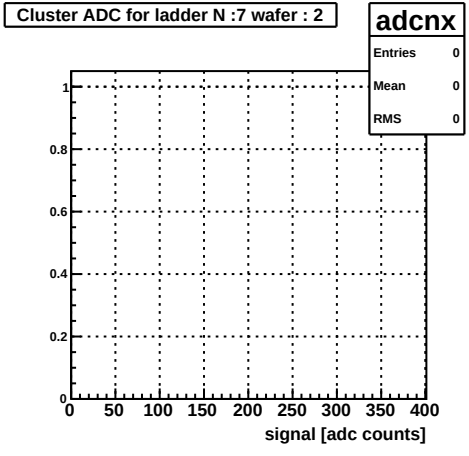

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

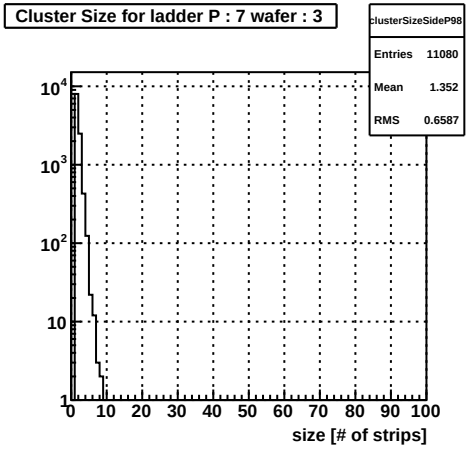

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 6456
Mean 1.539
RMS 0.7871
size [# of strips]

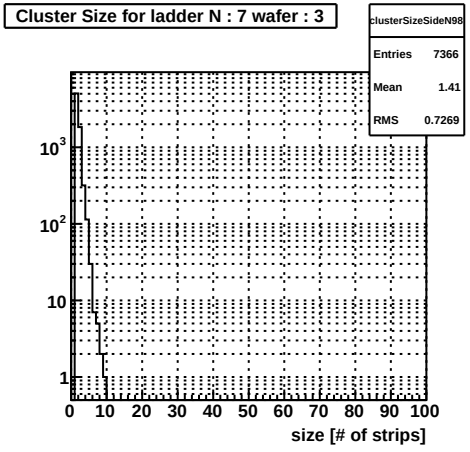

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

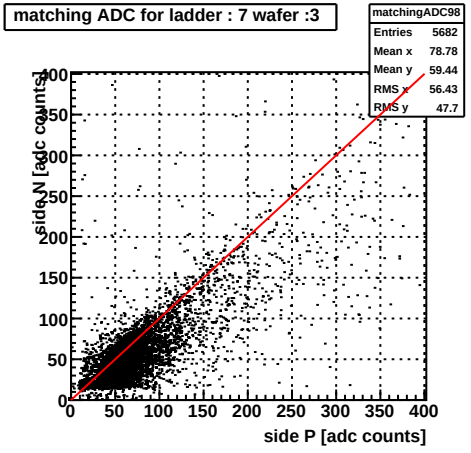

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

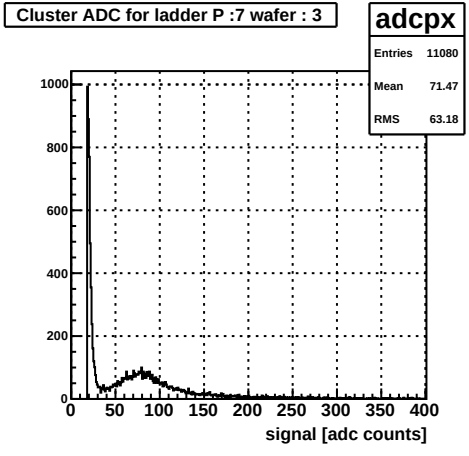

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 6456
Mean 103.3
RMS 67.99
signal [adc counts]

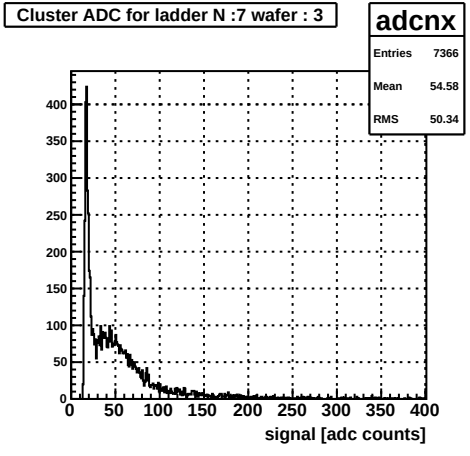

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

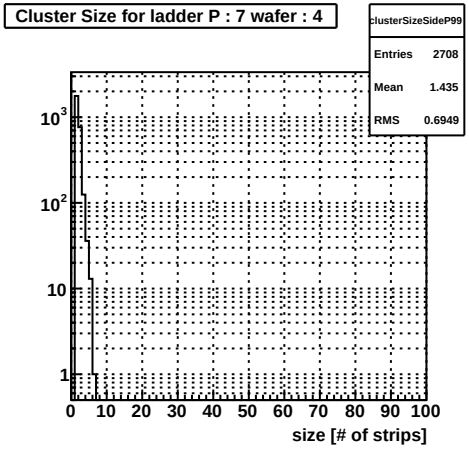

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 11080
Mean 1.352
RMS 0.6587
size [# of strips]

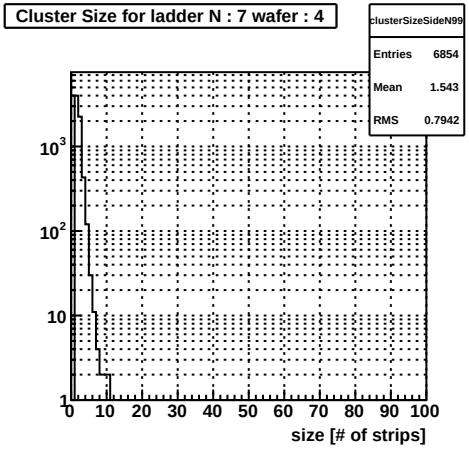

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7366
Mean 1.41
RMS 0.7269
size [# of strips]

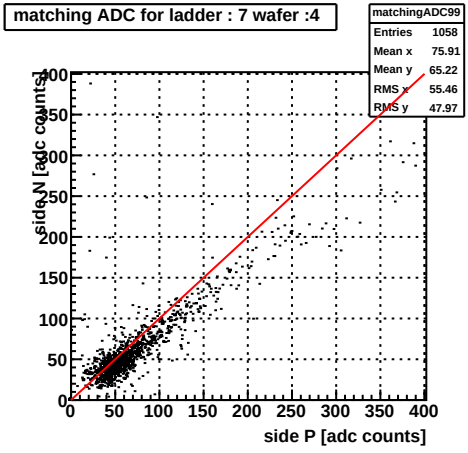

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 5682
Mean x 78.78
Mean y 59.44
RMS x 56.43
RMS y 47.7
side N [adc counts]
side P [adc counts]

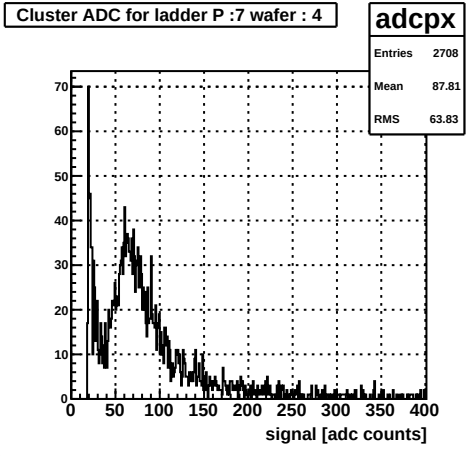

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 11080
Mean 71.47
RMS 63.18
signal [adc counts]

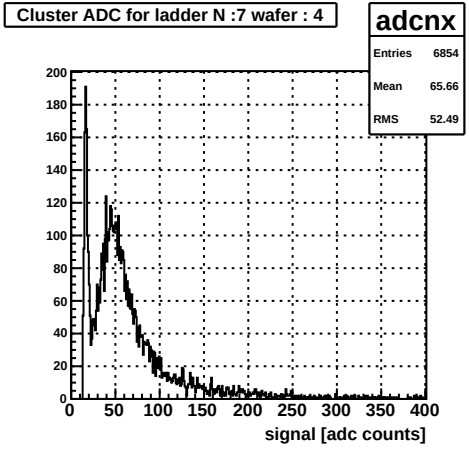

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7366
Mean 54.58
RMS 50.34
signal [adc counts]

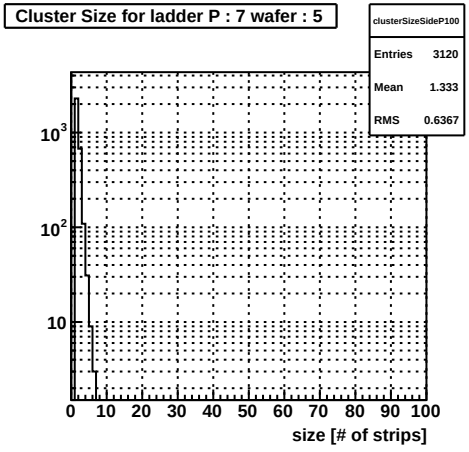

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2708
Mean 1.435
RMS 0.6949
size [# of strips]

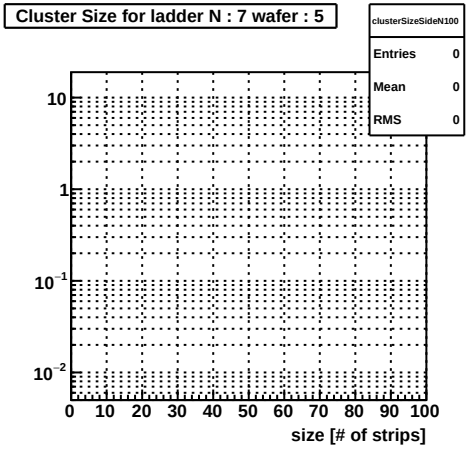

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6854
Mean 1.543
RMS 0.7942
size [# of strips]

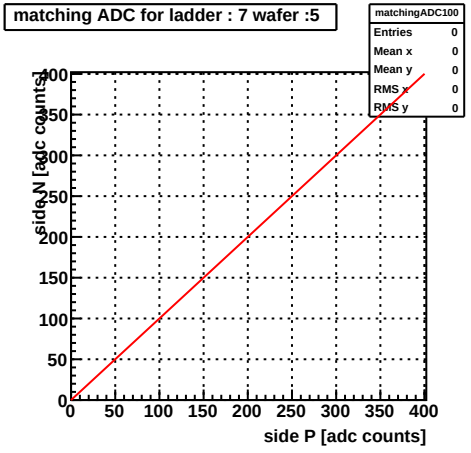

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1058
Mean x 75.91
Mean y 65.22
RMS x 55.46
RMS y 47.97
side N [adc counts]
side P [adc counts]

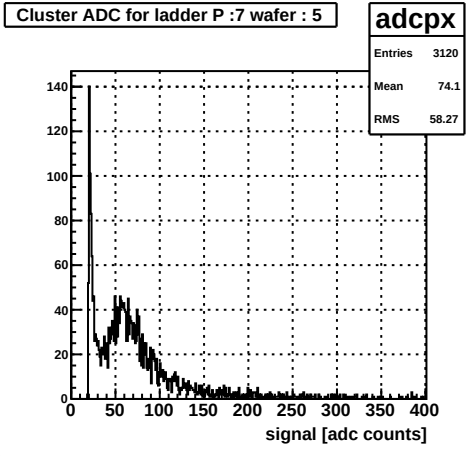

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2708
Mean 87.81
RMS 63.83
signal [adc counts]

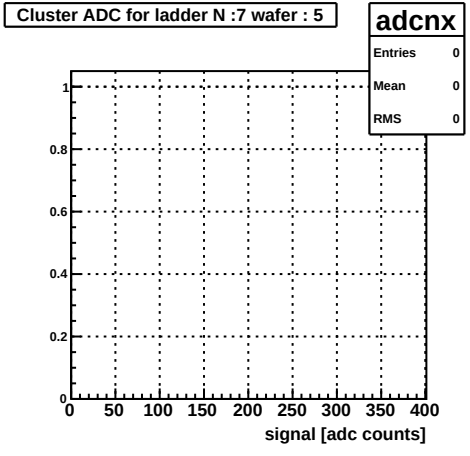

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6854
Mean 65.66
RMS 52.49
signal [adc counts]

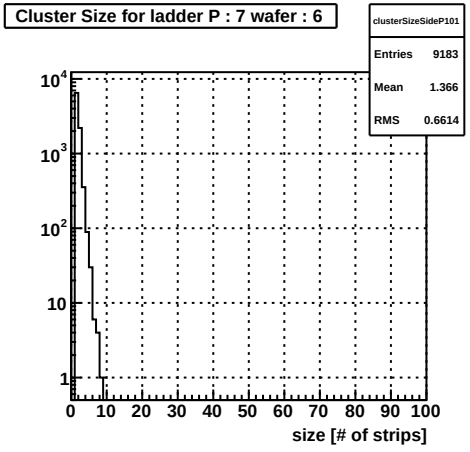

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3120
Mean 1.333
RMS 0.6367
size [# of strips]

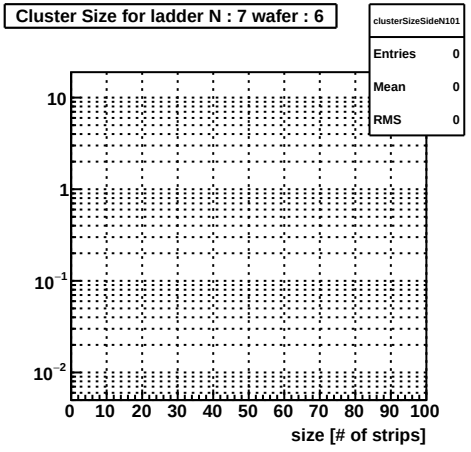

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

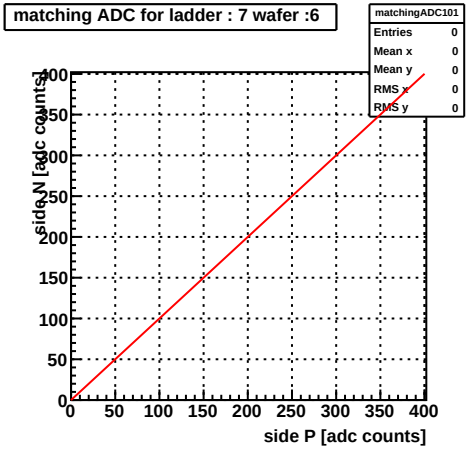

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

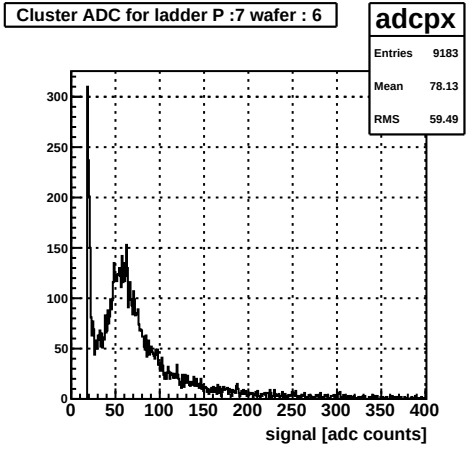

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3120
Mean 74.1
RMS 58.27
signal [adc counts]

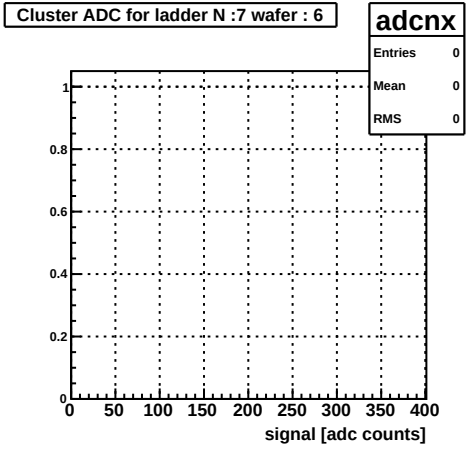

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

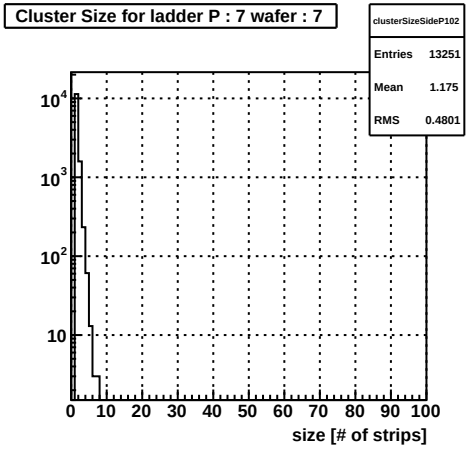

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 9183
Mean 1.366
RMS 0.6614
size [# of strips]

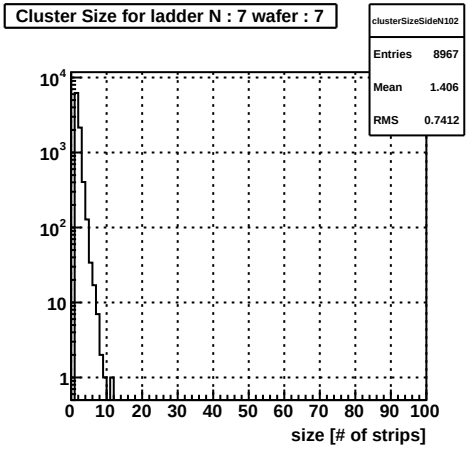

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

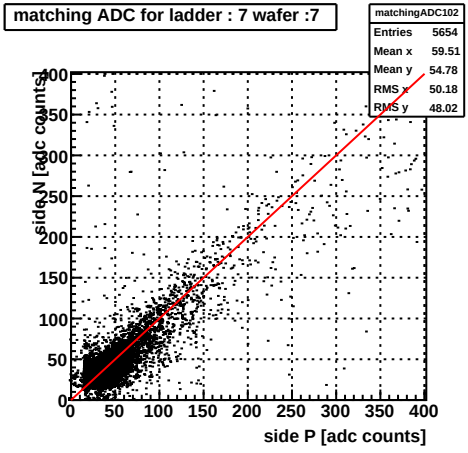

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

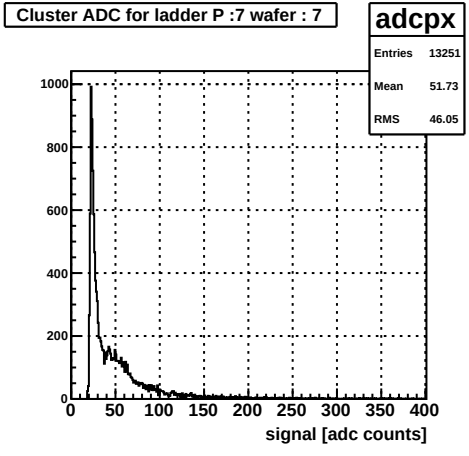

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 9183
Mean 78.13
RMS 59.49
signal [adc counts]

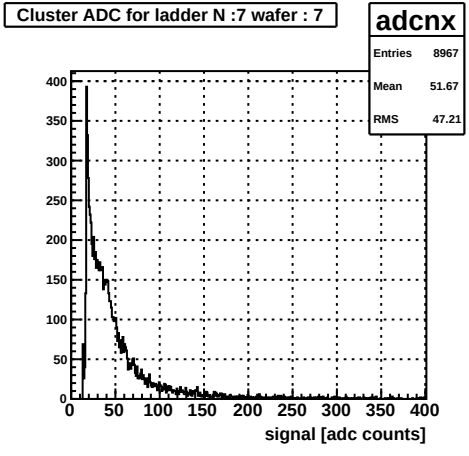

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

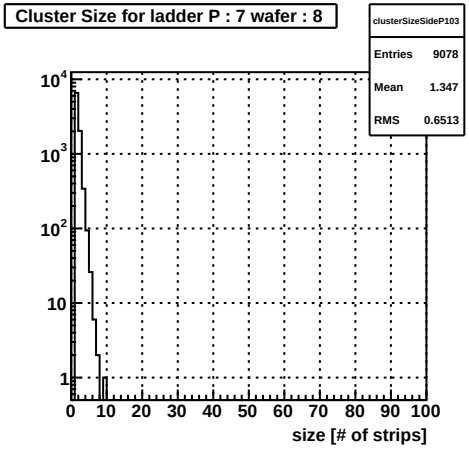

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13251
Mean 1.175
RMS 0.4801
size [# of strips]

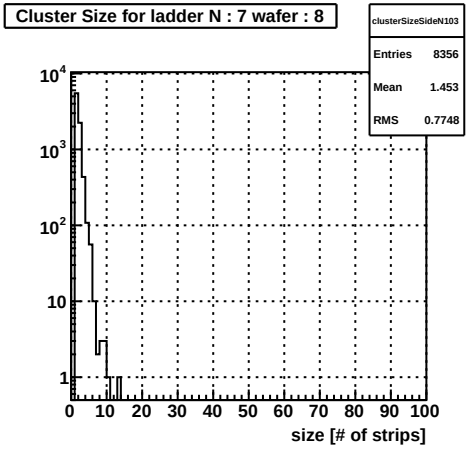

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 8967
Mean 1.406
RMS 0.7412
size [# of strips]

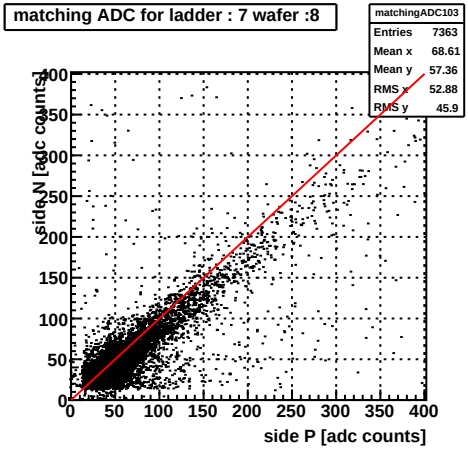

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 5654
Mean x 59.51
Mean y 54.78
RMS x 50.18
RMS y 48.02
side N [adc counts]
side P [adc counts]

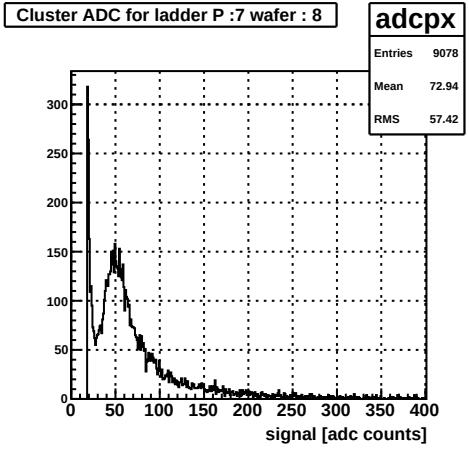

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13251
Mean 51.73
RMS 46.05
signal [adc counts]

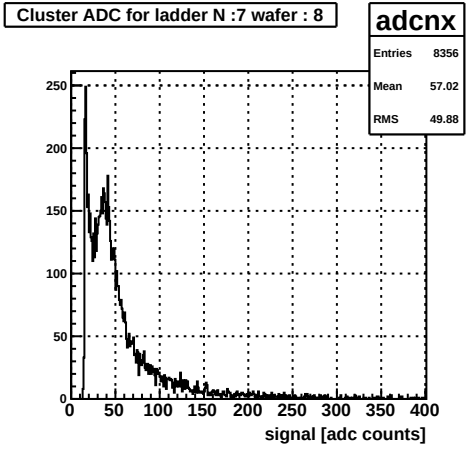

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 8967
Mean 51.67
RMS 47.21
signal [adc counts]

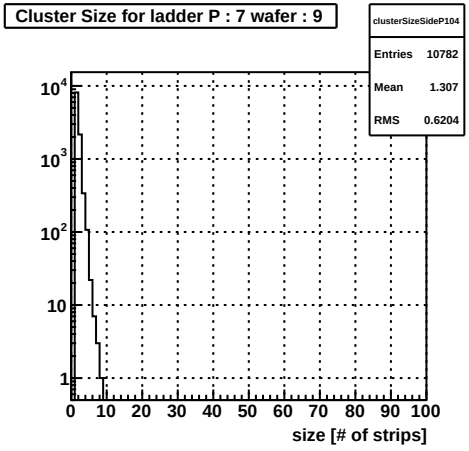

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 9078
Mean 1.347
RMS 0.6513
size [# of strips]

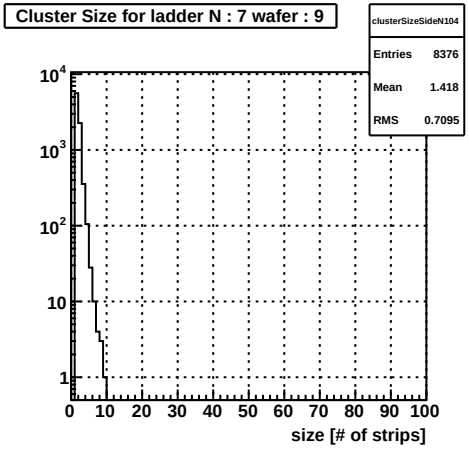

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 8356
Mean 1.453
RMS 0.7748
size [# of strips]

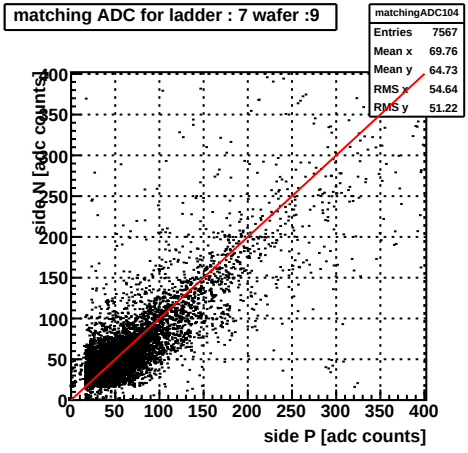

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 7363
Mean x 68.61
Mean y 57.36
RMS x 52.88
RMS y 45.9
side N [adc counts]
side P [adc counts]

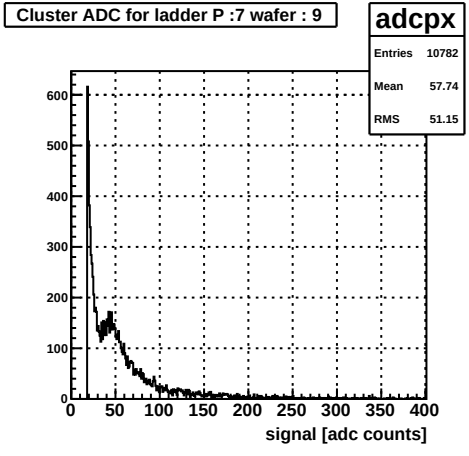

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 9078
Mean 72.94
RMS 57.42
signal [adc counts]

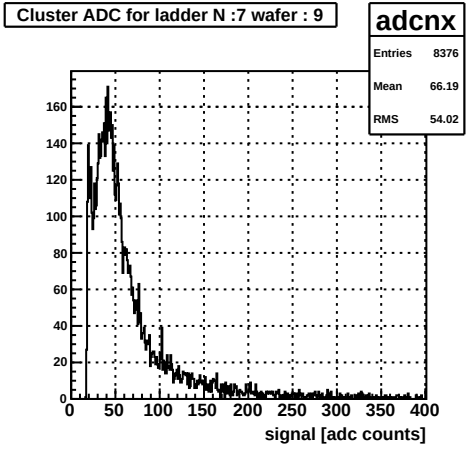

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 8356
Mean 57.02
RMS 49.88
signal [adc counts]

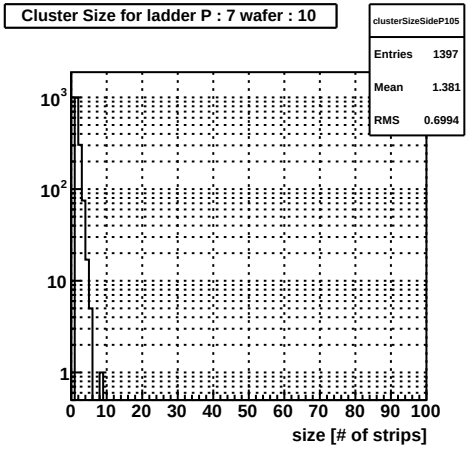

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10782
Mean 1.307
RMS 0.6204
size [# of strips]

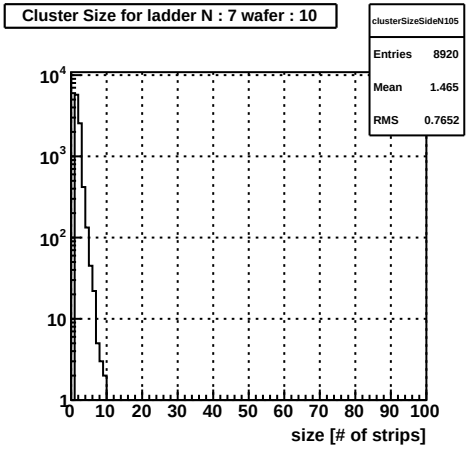

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 8376
Mean 1.418
RMS 0.7095
size [# of strips]

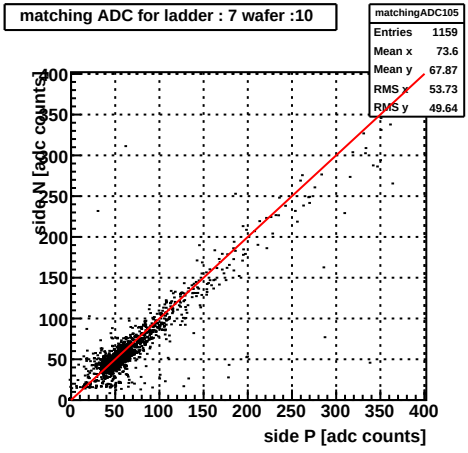

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 7567
Mean x 69.76
Mean y 64.73
RMS x 54.64
RMS y 51.22
side N [adc counts]
side P [adc counts]

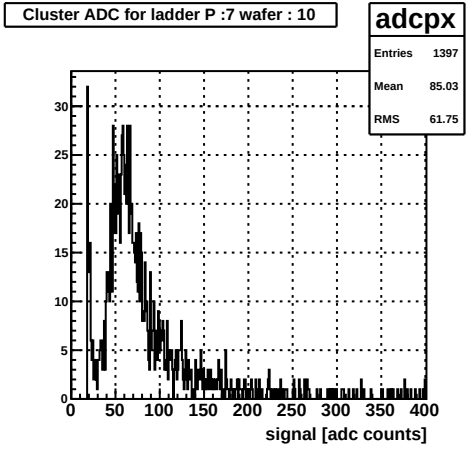

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10782
Mean 57.74
RMS 51.15
signal [adc counts]

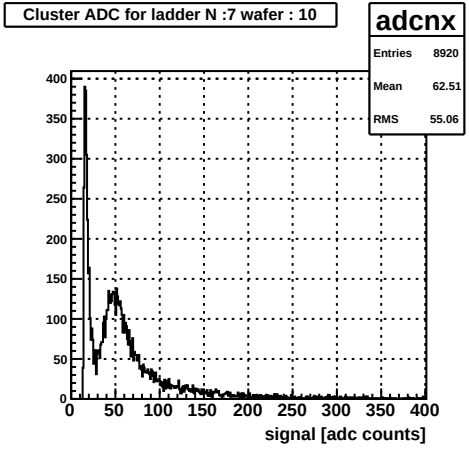

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 8376
Mean 66.19
RMS 54.02
signal [adc counts]

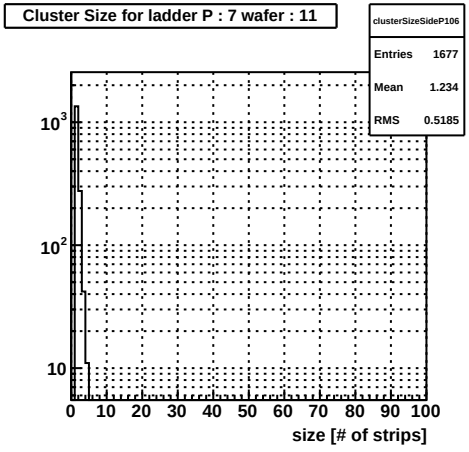

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1397
Mean 1.381
RMS 0.6994
size [# of strips]

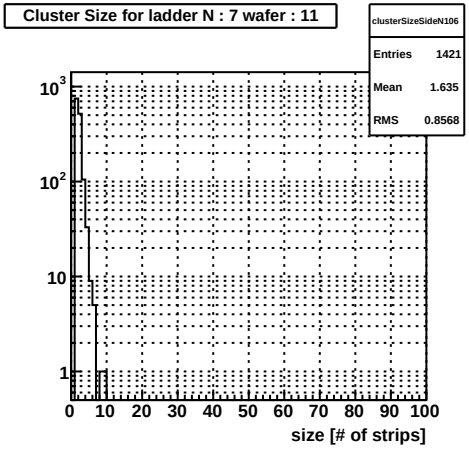

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 8920
Mean 1.465
RMS 0.7652
size [# of strips]

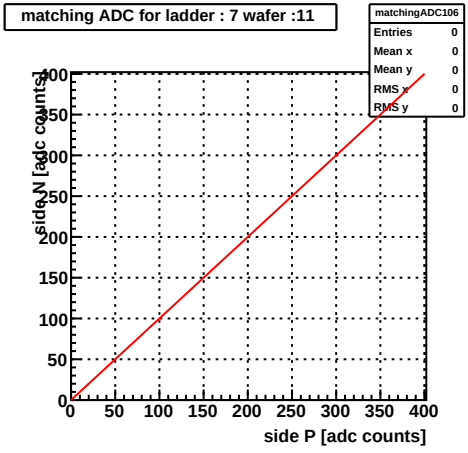

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1159
Mean x 73.6
Mean y 67.87
RMS x 53.73
RMS y 49.64
side N [adc counts]
side P [adc counts]

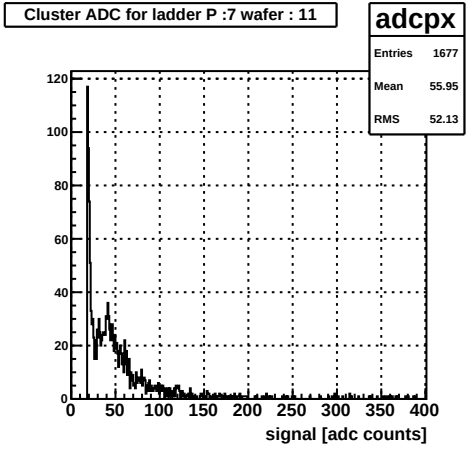

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1397
Mean 85.03
RMS 61.75
signal [adc counts]

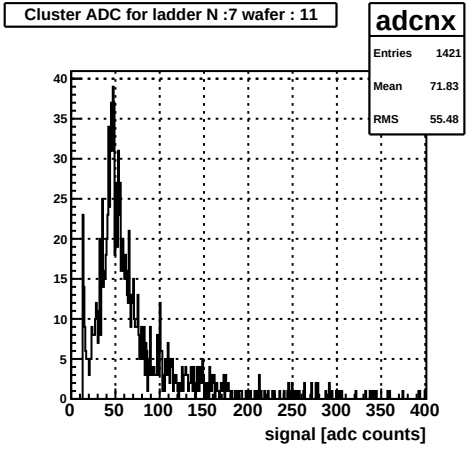

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 8920
Mean 62.51
RMS 55.06
signal [adc counts]

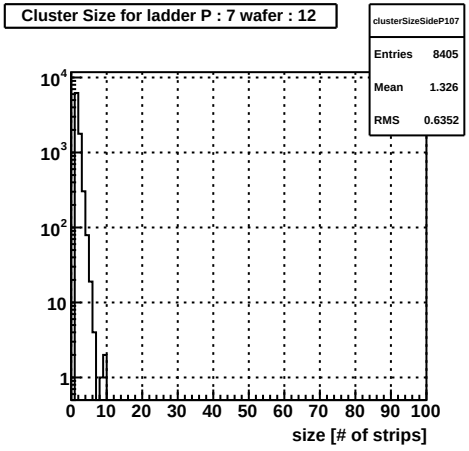

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1677
Mean 1.234
RMS 0.5185
size [# of strips]

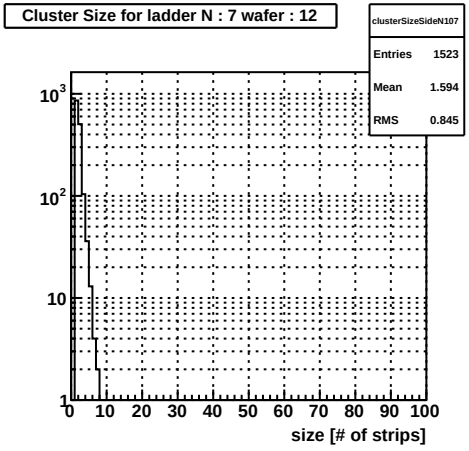

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1421
Mean 1.635
RMS 0.8568
size [# of strips]

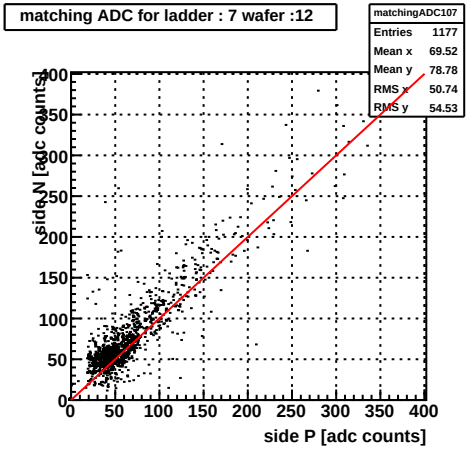

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

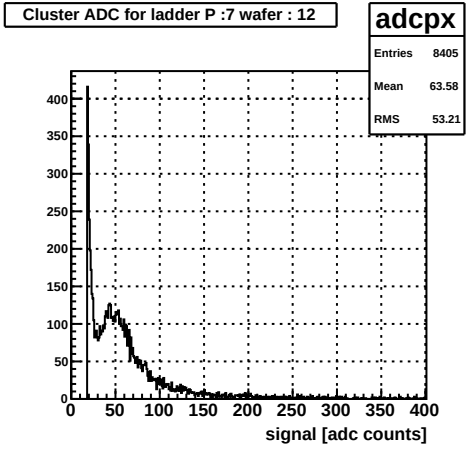

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1677
Mean 55.95
RMS 52.13
signal [adc counts]

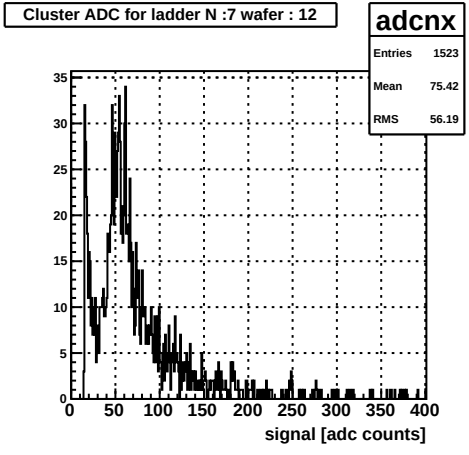

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1421
Mean 71.83
RMS 55.48
signal [adc counts]

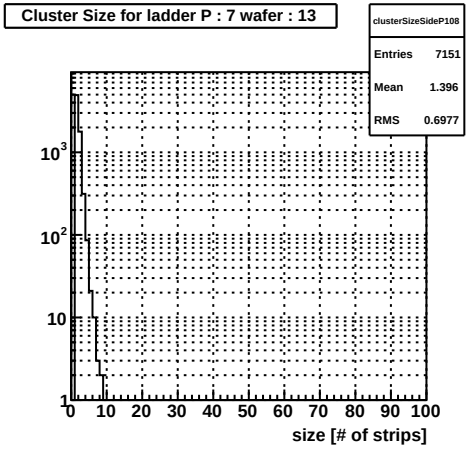

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 8405
Mean 1.326
RMS 0.6352
size [# of strips]

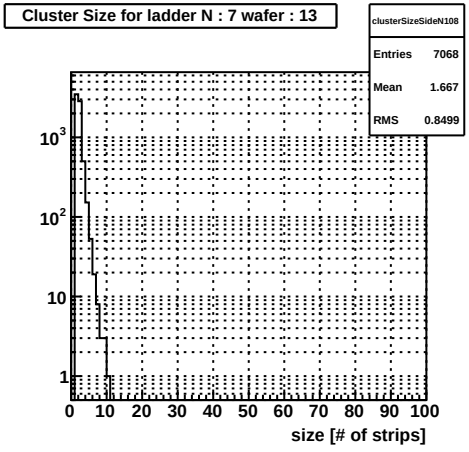

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1523
Mean 1.594
RMS 0.845
size [# of strips]

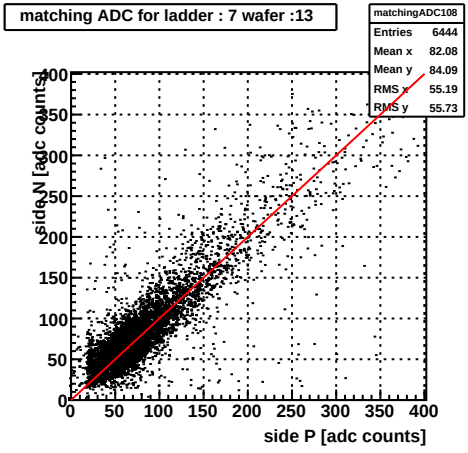

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1177
Mean x 69.52
Mean y 78.78
RMS x 50.74
RMS y 54.53
side N [adc counts]
side P [adc counts]

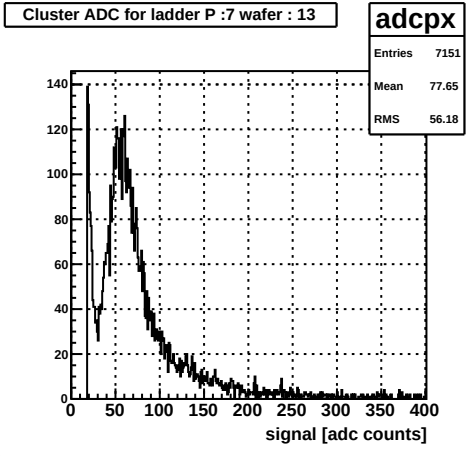

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 8405
Mean 63.58
RMS 53.21
signal [adc counts]

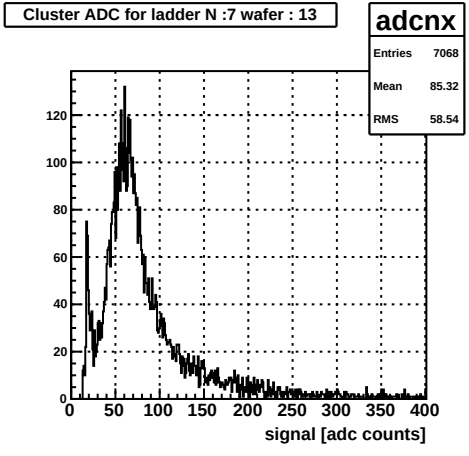

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1523
Mean 75.42
RMS 56.19
signal [adc counts]

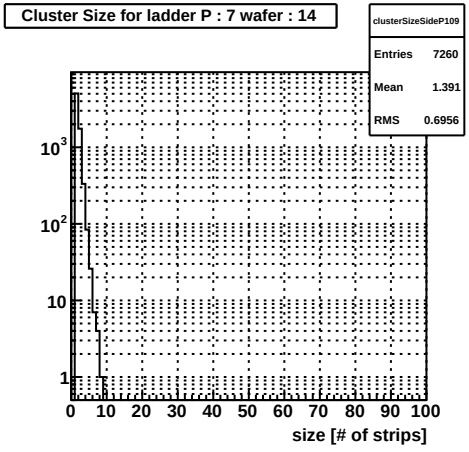

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 7151
Mean 1.396
RMS 0.6977
size [# of strips]

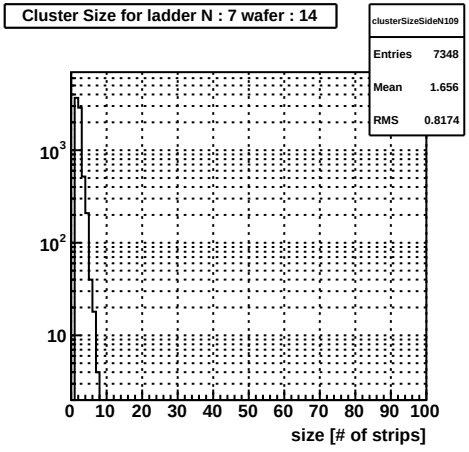

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 7068
Mean 1.667
RMS 0.8499
size [# of strips]

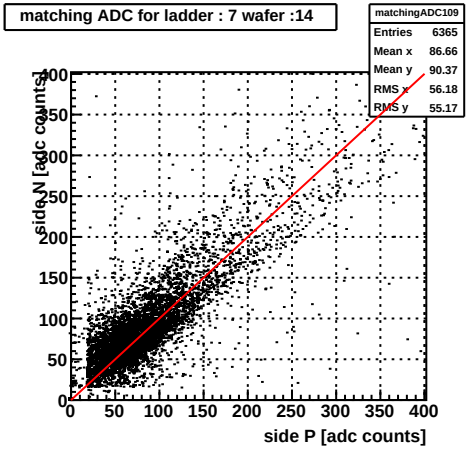

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 6444
Mean x 82.08
Mean y 84.09
RMS x 55.19
RMS y 55.73
side N [adc counts]
side P [adc counts]

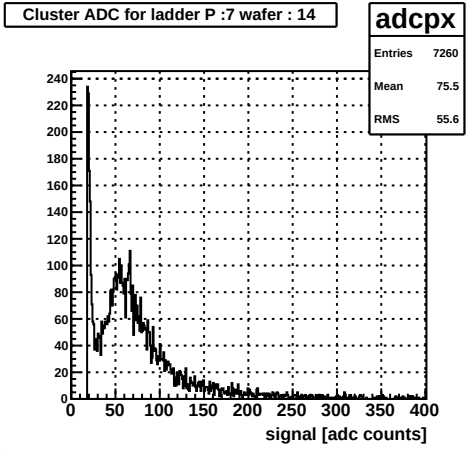

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 7151
Mean 77.65
RMS 56.18
signal [adc counts]

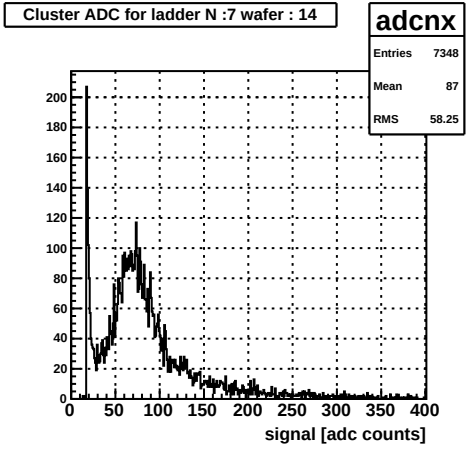

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 7068
Mean 85.32
RMS 58.54
signal [adc counts]

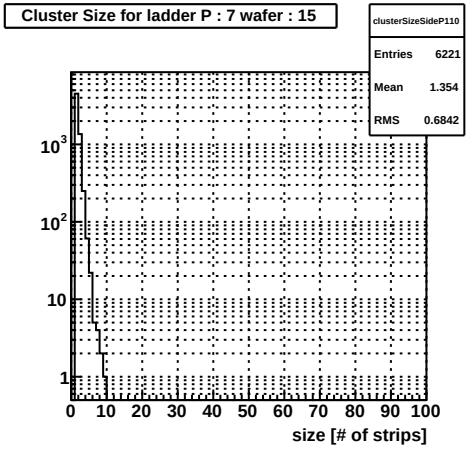

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 7260
Mean 1.391
RMS 0.6956
size [# of strips]

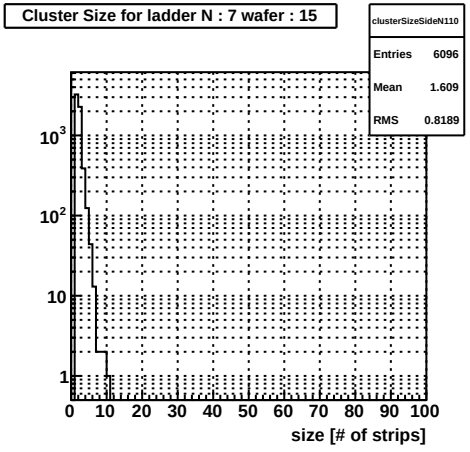

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 7348
Mean 1.656
RMS 0.8174
size [# of strips]

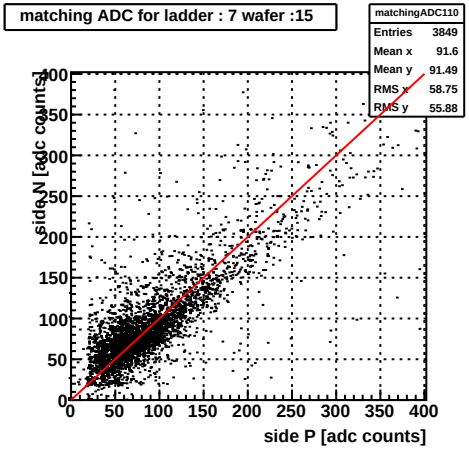

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 6365
Mean x 86.66
Mean y 90.37
RMS x 56.18
RMS y 55.17
side N [adc counts]
side P [adc counts]

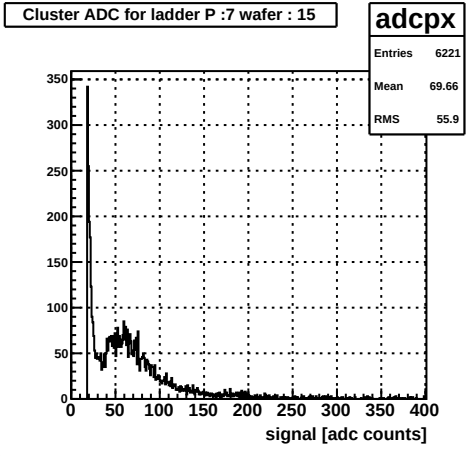

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 7260
Mean 75.5
RMS 55.6
signal [adc counts]

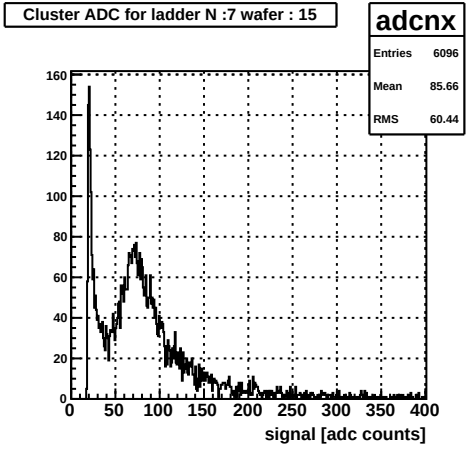

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 7348
Mean 87
RMS 58.25
signal [adc counts]

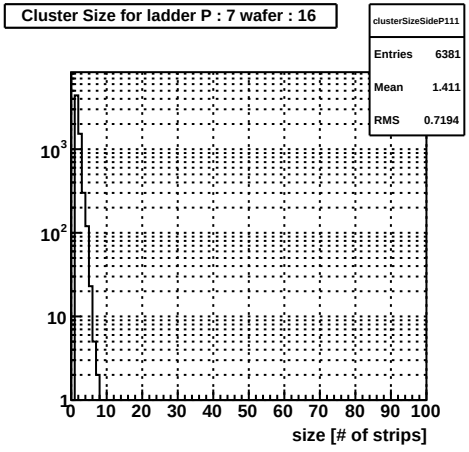

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 6221
Mean 1.354
RMS 0.6842
size [# of strips]

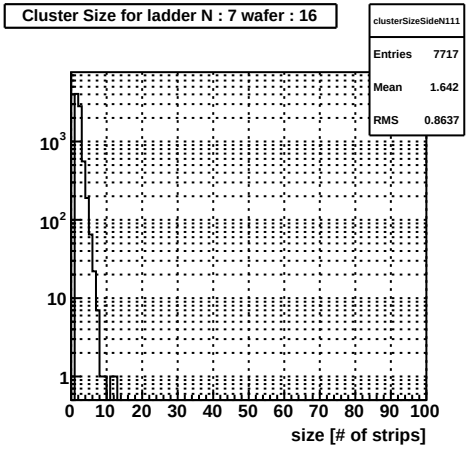

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 6096
Mean 1.609
RMS 0.8189
size [# of strips]

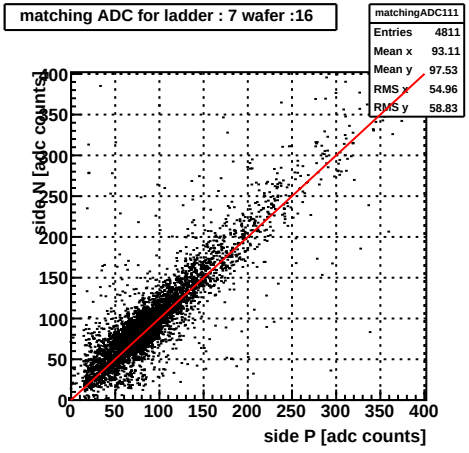

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 3849
Mean x 91.6
Mean y 91.49
RMS x 58.75
RMS y 55.88
side N [adc counts]
side P [adc counts]

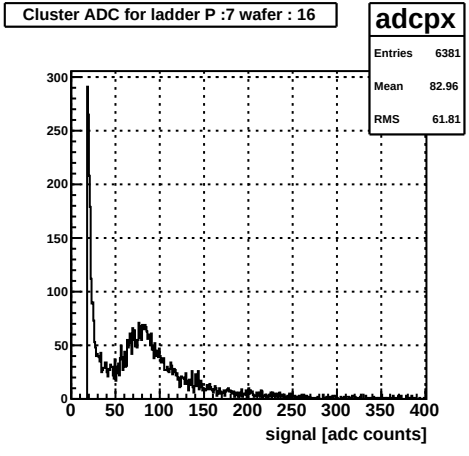

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 6221
Mean 69.66
RMS 55.9
signal [adc counts]

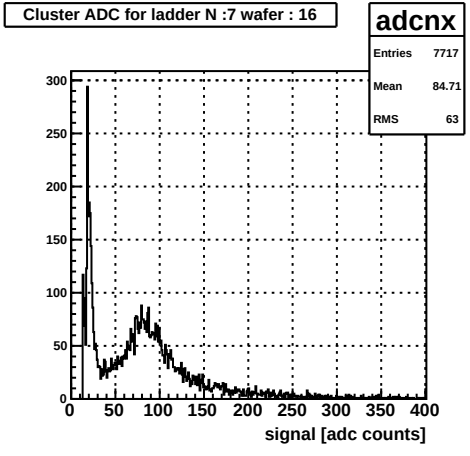

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 6096
Mean 85.66
RMS 60.44
signal [adc counts]

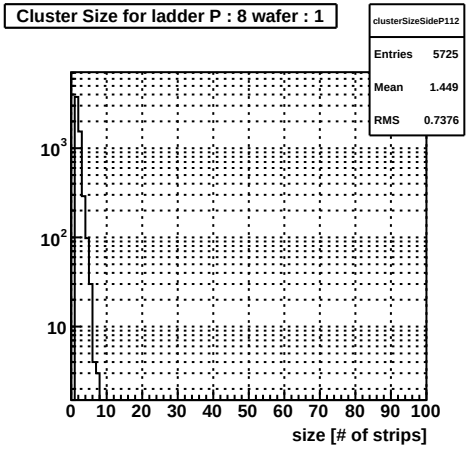

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 6381
Mean 1.411
RMS 0.7194
size [# of strips]

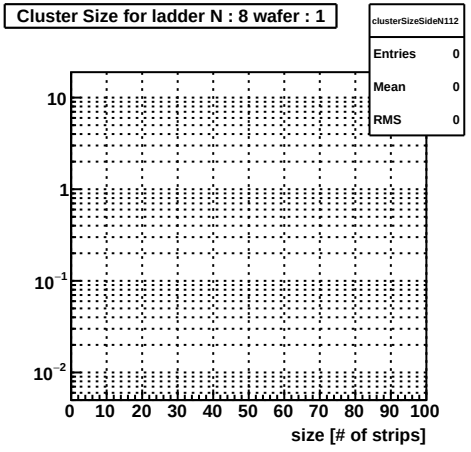

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7717
Mean 1.642
RMS 0.8637
size [# of strips]

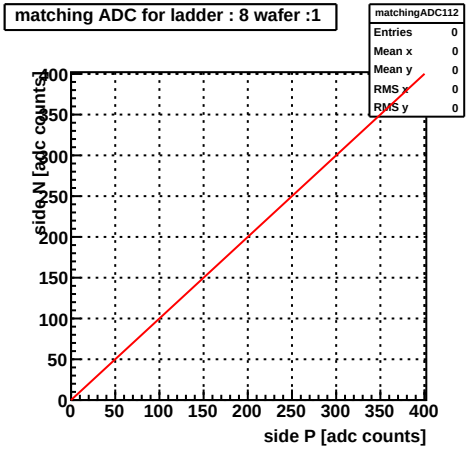

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 4811
Mean x 93.11
Mean y 97.53
RMS x 54.96
RMS y 58.83
side N [adc counts]
side P [adc counts]

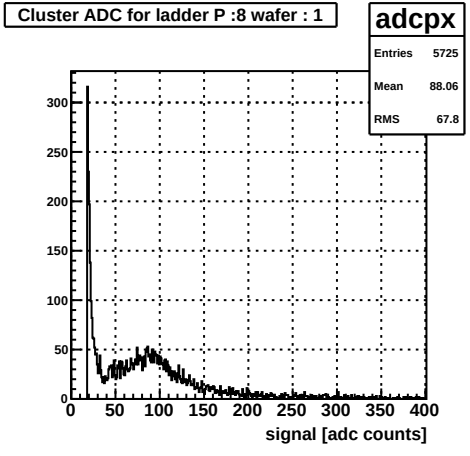

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 6381
Mean 82.96
RMS 61.81
signal [adc counts]

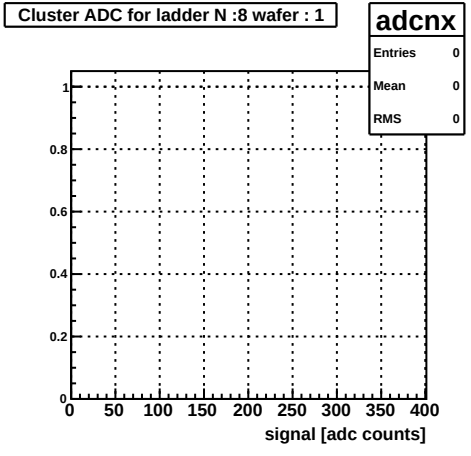

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7717
Mean 84.71
RMS 63
signal [adc counts]

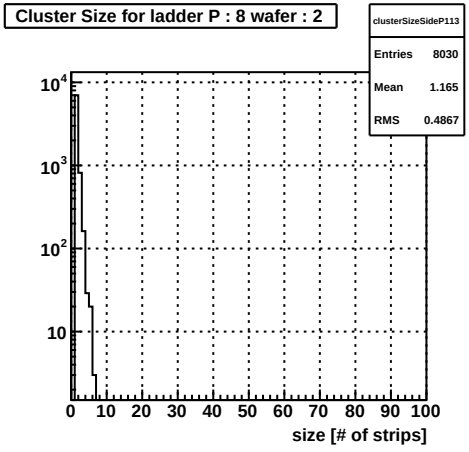

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 5725
Mean 1.449
RMS 0.7376
size [# of strips]

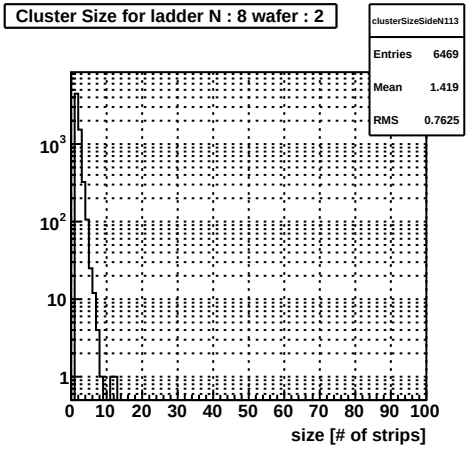

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

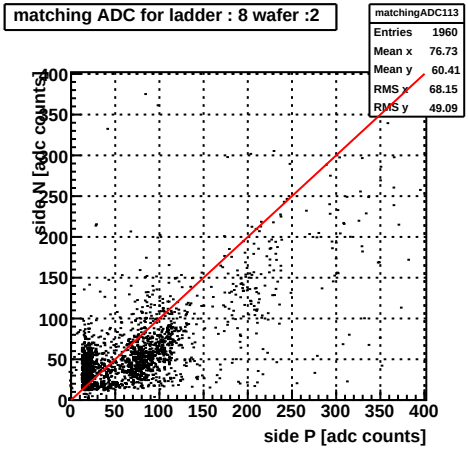

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

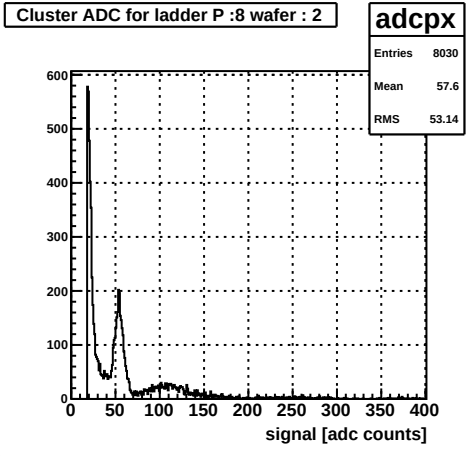

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 5725
Mean 88.06
RMS 67.8
signal [adc counts]

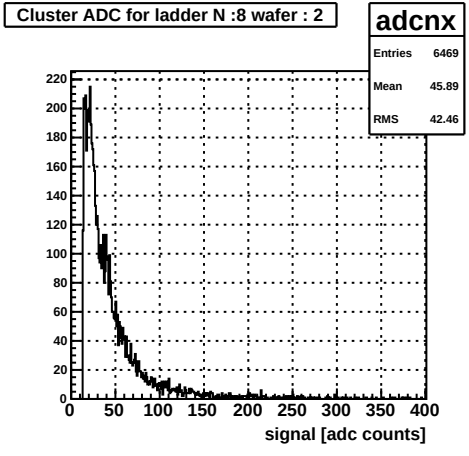

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

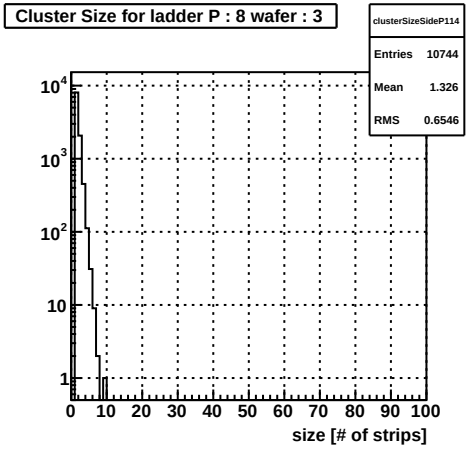

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8030
Mean 1.165
RMS 0.4867
size [# of strips]

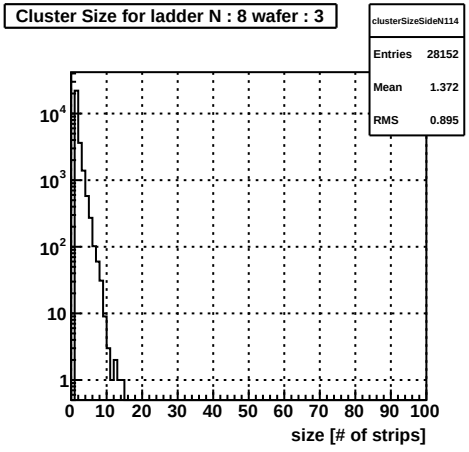

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 6469
Mean 1.419
RMS 0.7625
size [# of strips]

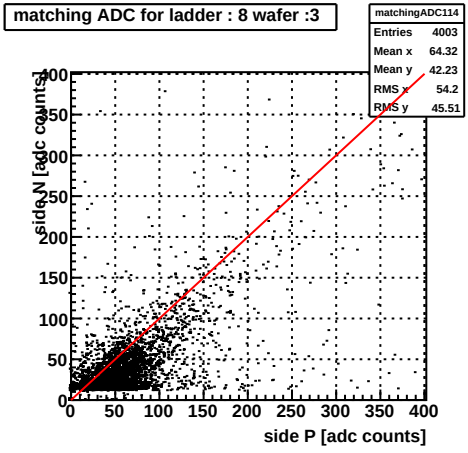

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1960
Mean x 76.73
Mean y 60.41
RMS x 68.15
RMS y 49.09
side N [adc counts]
side P [adc counts]

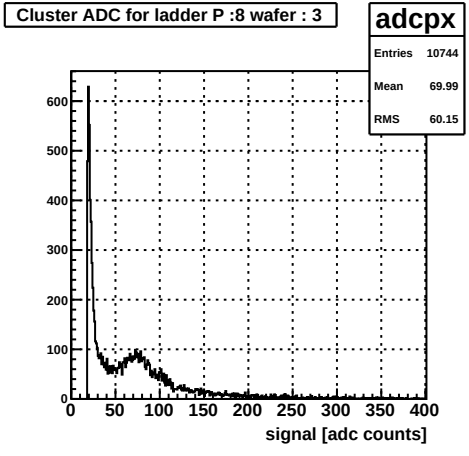

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8030
Mean 57.6
RMS 53.14
signal [adc counts]

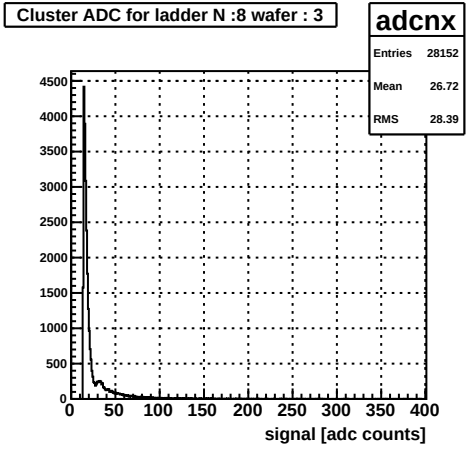

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 6469
Mean 45.89
RMS 42.46
signal [adc counts]

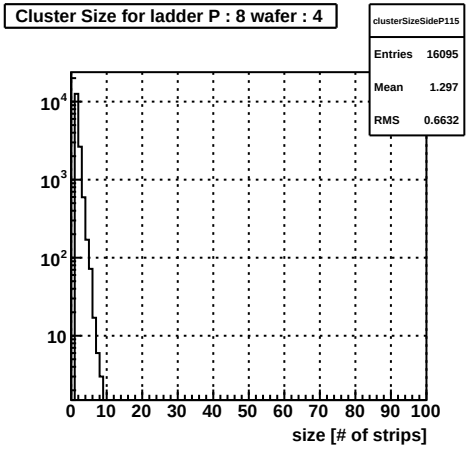

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 10744
Mean 1.326
RMS 0.6546
size [# of strips]

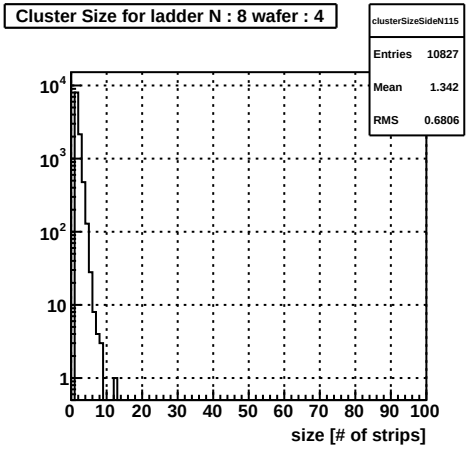

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 28152
Mean 1.372
RMS 0.895
size [# of strips]

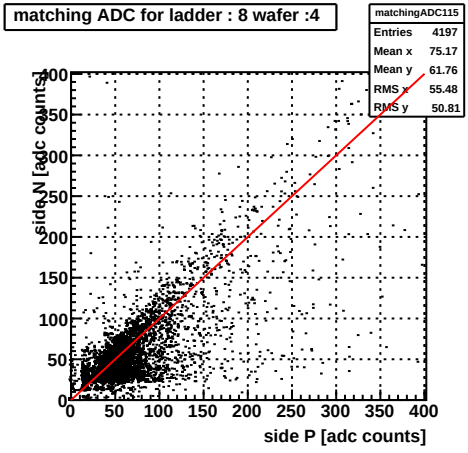

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 4003
Mean x 64.32
Mean y 42.23
RMS x 54.2
RMS y 45.51
side N [adc counts]
side P [adc counts]

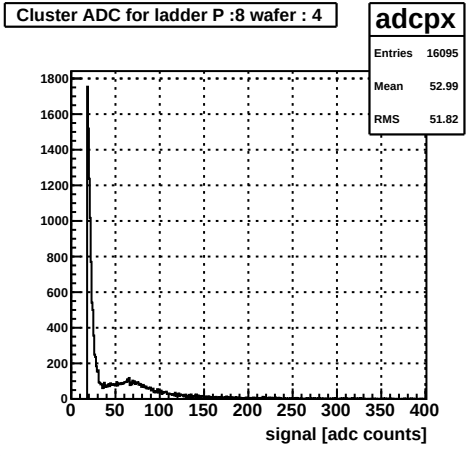

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 10744
Mean 69.99
RMS 60.15
signal [adc counts]

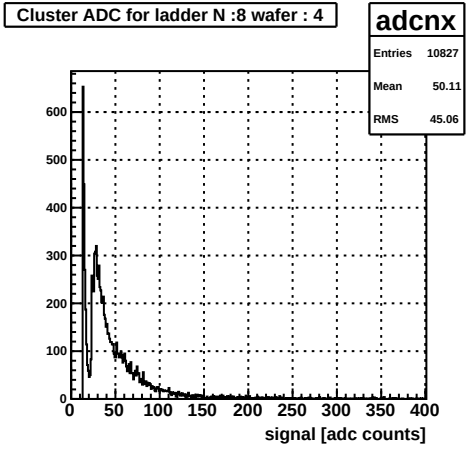

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 28152
Mean 26.72
RMS 28.39
signal [adc counts]

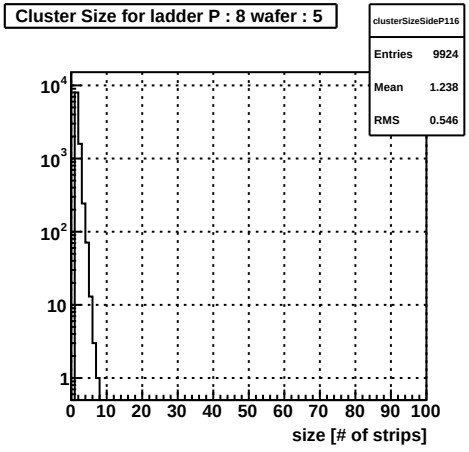

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 16095
Mean 1.297
RMS 0.6632
size [# of strips]

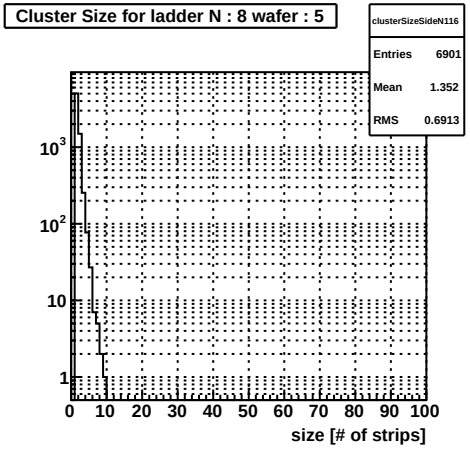

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 10827
Mean 1.342
RMS 0.6806
size [# of strips]

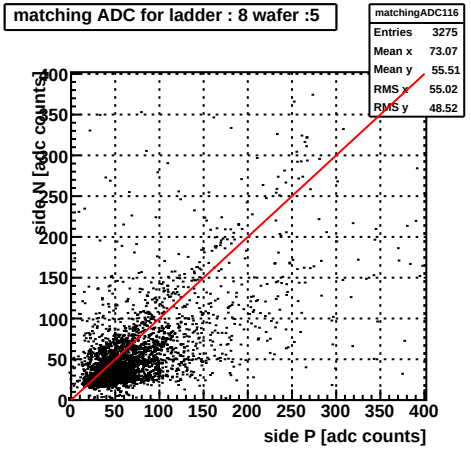

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 4197
Mean x 75.17
Mean y 61.76
RMS x 55.48
RMS y 50.81
side N [adc counts]
side P [adc counts]

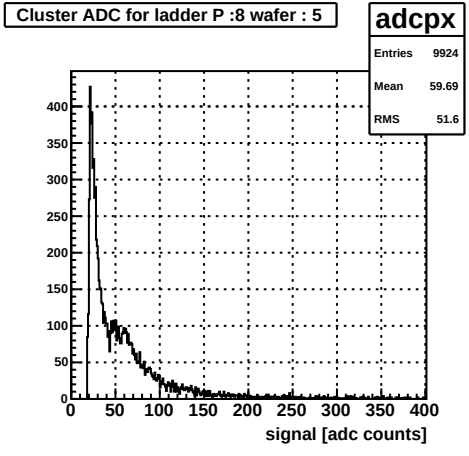

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 16095
Mean 52.99
RMS 51.82
signal [adc counts]

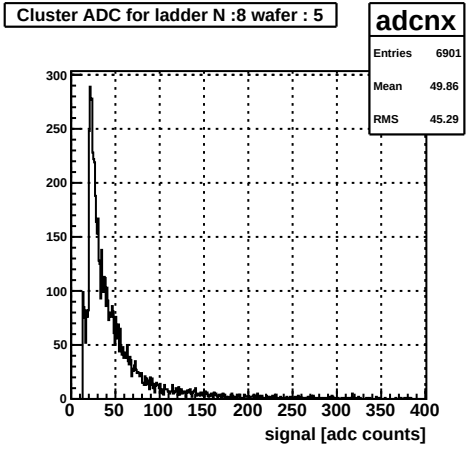

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 10827
Mean 50.11
RMS 45.06
signal [adc counts]

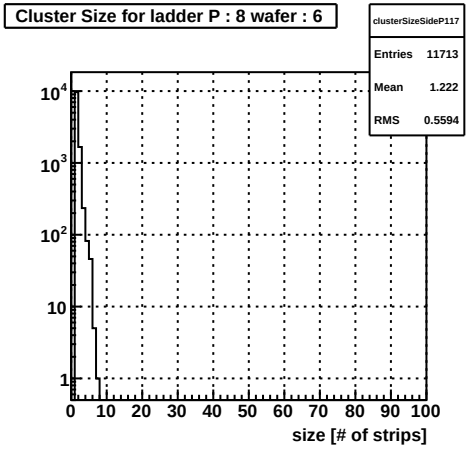

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 9924
Mean 1.238
RMS 0.546
size [# of strips]

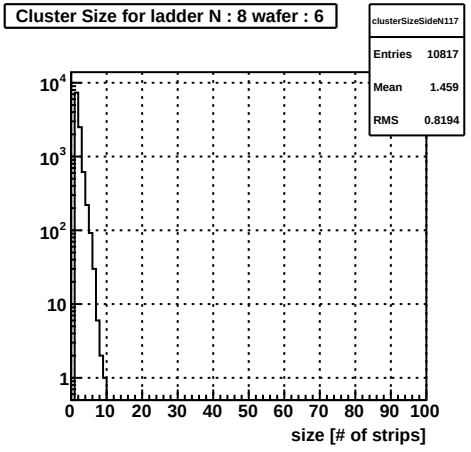

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 6901
Mean 1.352
RMS 0.6913
size [# of strips]

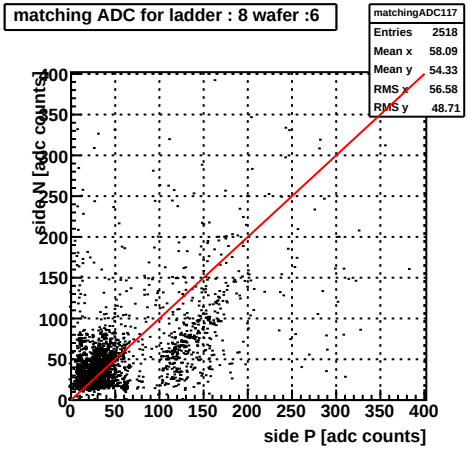

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 3275
Mean x 73.07
Mean y 55.51
RMS x 55.02
RMS y 48.52
side N [adc counts]
side P [adc counts]

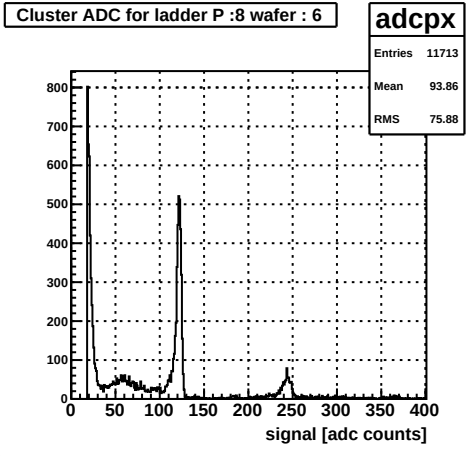

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 9924
Mean 59.69
RMS 51.6
signal [adc counts]

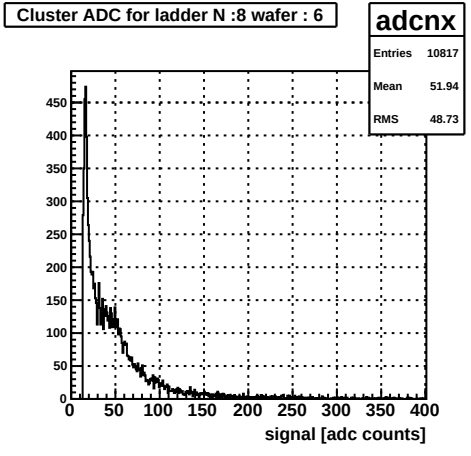

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 6901
Mean 49.86
RMS 45.29
signal [adc counts]

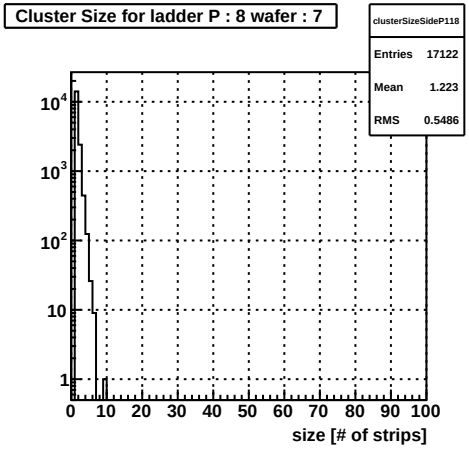

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 11713
Mean 1.222
RMS 0.5594
size [# of strips]

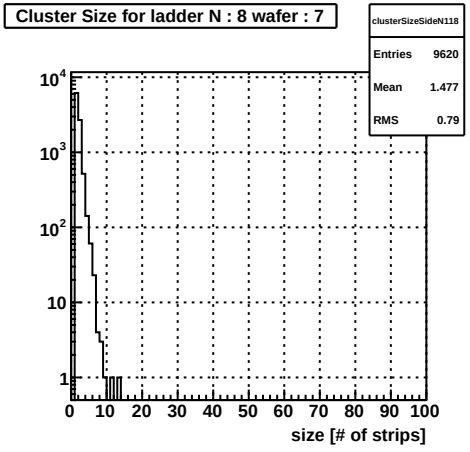

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 10817
Mean 1.459
RMS 0.8194
size [# of strips]

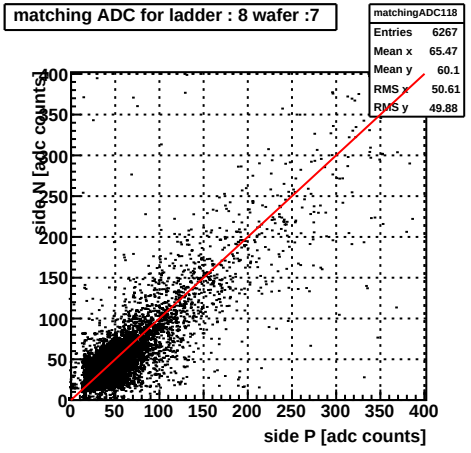

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2518
Mean x 58.09
Mean y 54.33
RMS x 56.58
RMS y 48.71
side N [adc counts]
side P [adc counts]

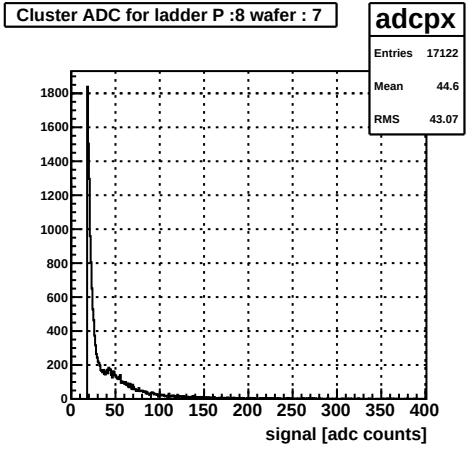

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 11713
Mean 93.86
RMS 75.88
signal [adc counts]

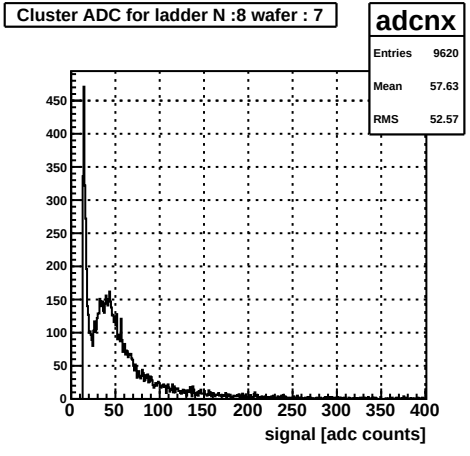

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 10817
Mean 51.94
RMS 48.73
signal [adc counts]

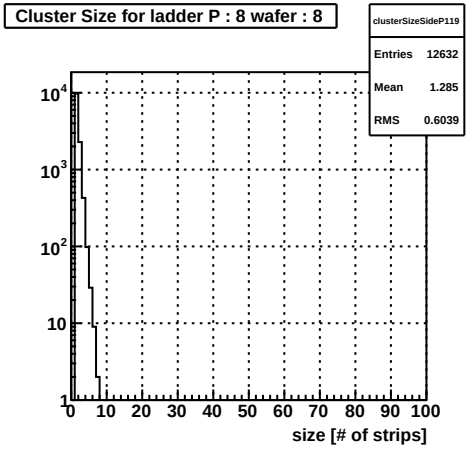

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 17122
Mean 1.223
RMS 0.5486
size [# of strips]

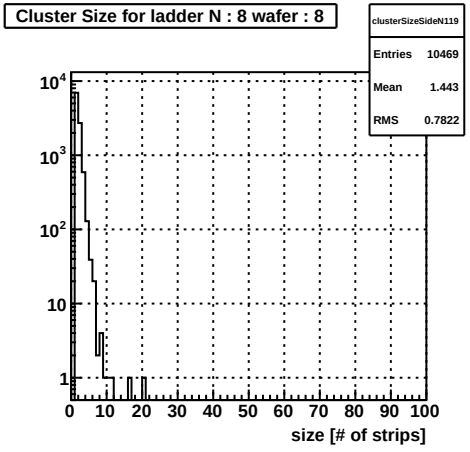

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 9620
Mean 1.477
RMS 0.79
size [# of strips]

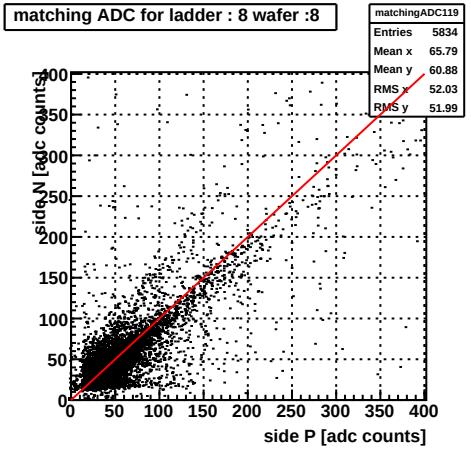

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 6267
Mean x 65.47
Mean y 60.1
RMS x 50.61
RMS y 49.88
side N [adc counts]
side P [adc counts]

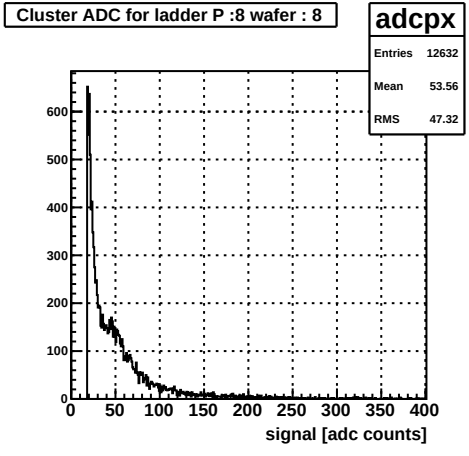

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 17122
Mean 44.6
RMS 43.07
signal [adc counts]

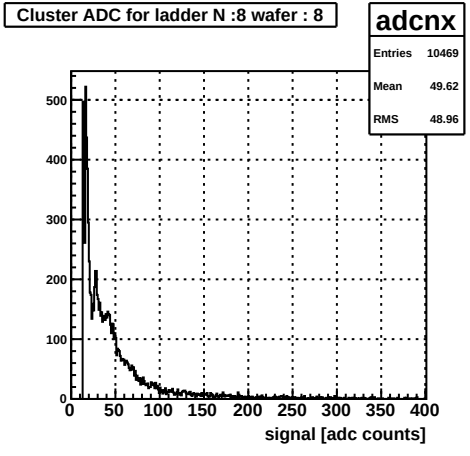

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 9620
Mean 57.63
RMS 52.57
signal [adc counts]

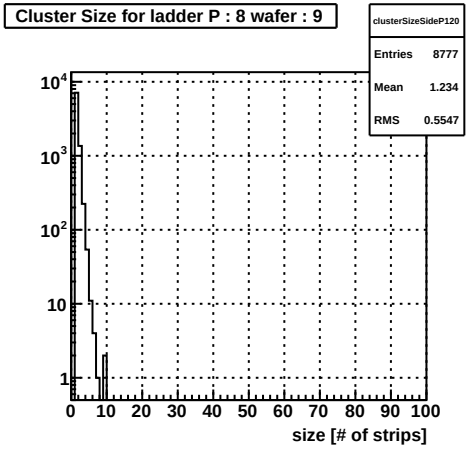

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 12632
Mean 1.285
RMS 0.6039
size [# of strips]

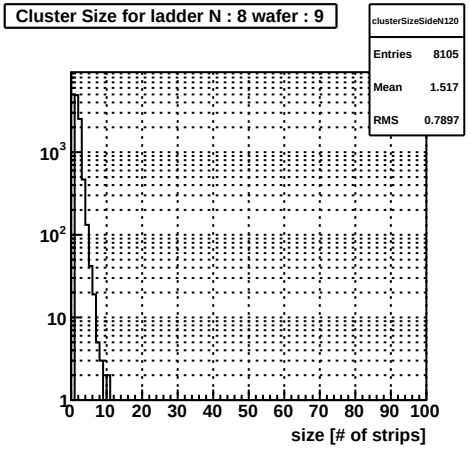

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 10469
Mean 1.443
RMS 0.7822
size [# of strips]

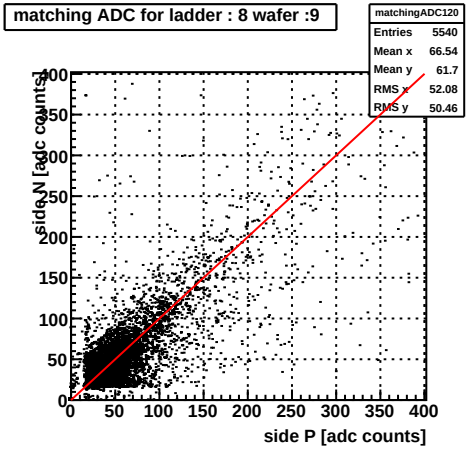

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 5834
Mean x 65.79
Mean y 60.88
RMS x 52.03
RMS y 51.99
side N [adc counts]
side P [adc counts]

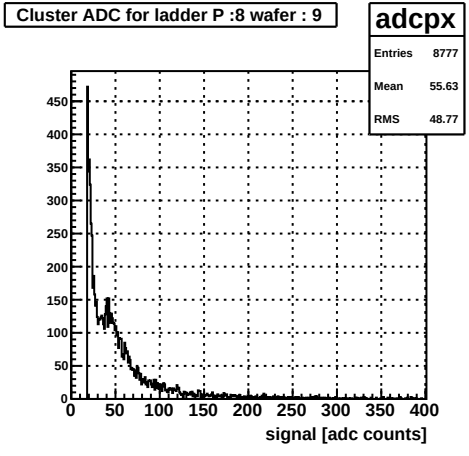

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 12632
Mean 53.56
RMS 47.32
signal [adc counts]

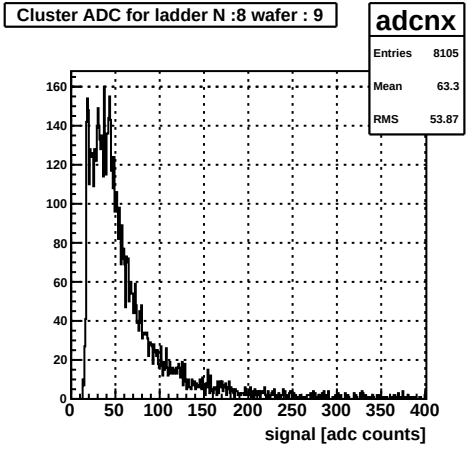

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 10469
Mean 49.62
RMS 48.96
signal [adc counts]

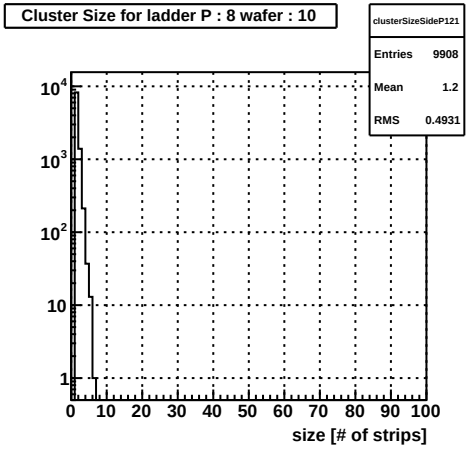

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 8777
Mean 1.234
RMS 0.5547
size [# of strips]

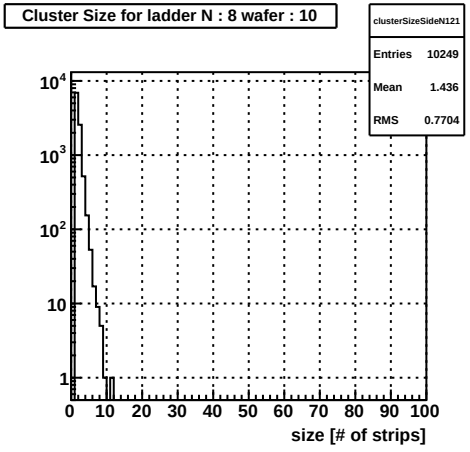

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 8105
Mean 1.517
RMS 0.7897
size [# of strips]

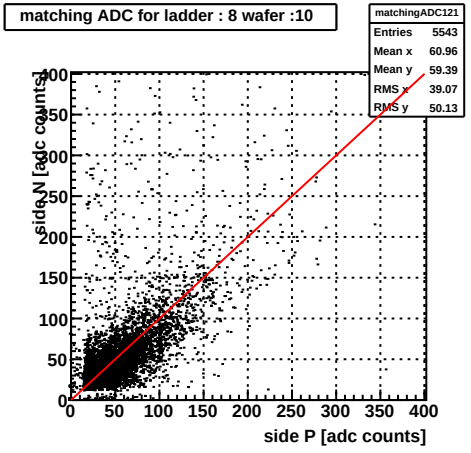

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 5540
Mean x 66.54
Mean y 61.7
RMS x 52.08
RMS y 50.46
side N [adc counts]
side P [adc counts]

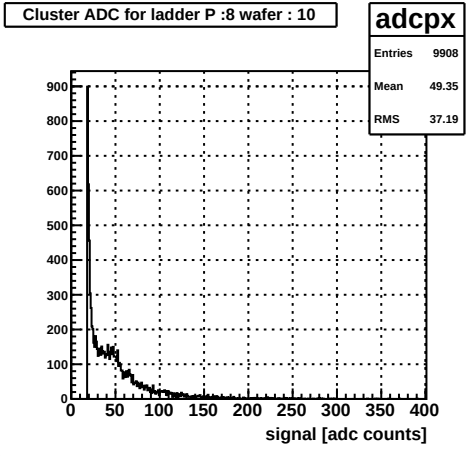

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 8777
Mean 55.63
RMS 48.77
signal [adc counts]

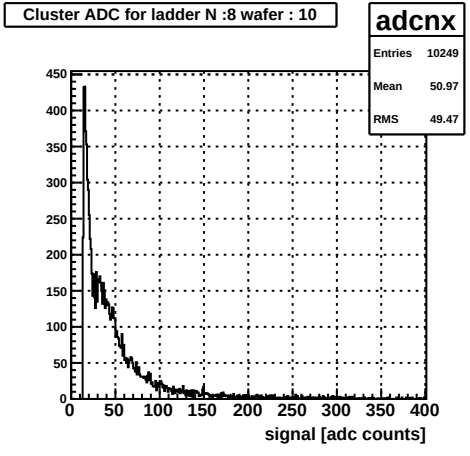

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 8105
Mean 63.3
RMS 53.87
signal [adc counts]

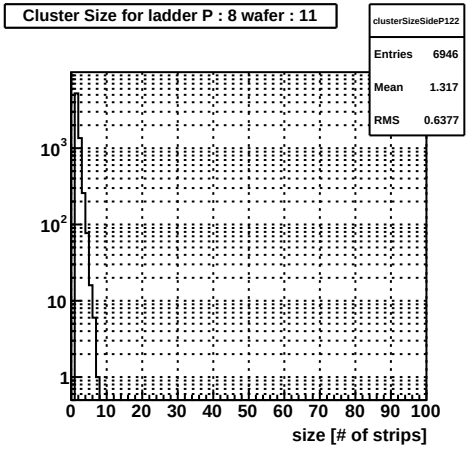

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 9908
Mean 1.2
RMS 0.4931
size [# of strips]

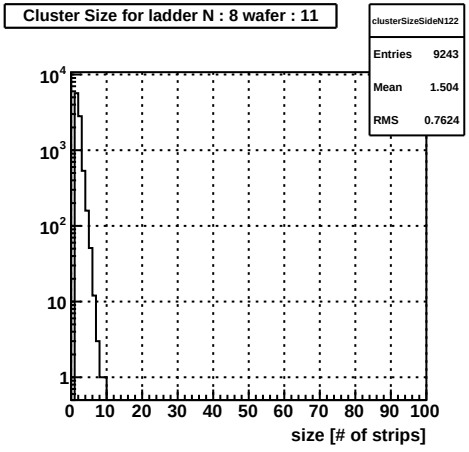

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 10249
Mean 1.436
RMS 0.7704
size [# of strips]

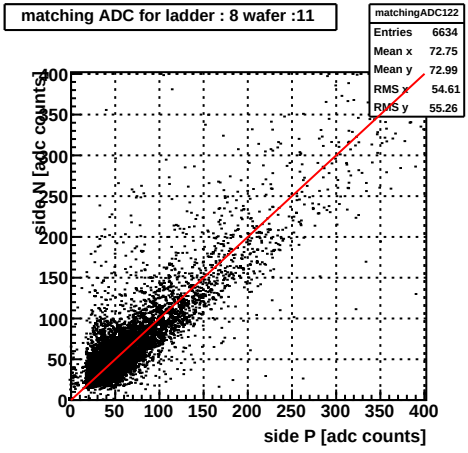

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 5543
Mean x 60.96
Mean y 59.39
RMS x 39.07
RMS y 50.13
side N [adc counts]
side P [adc counts]

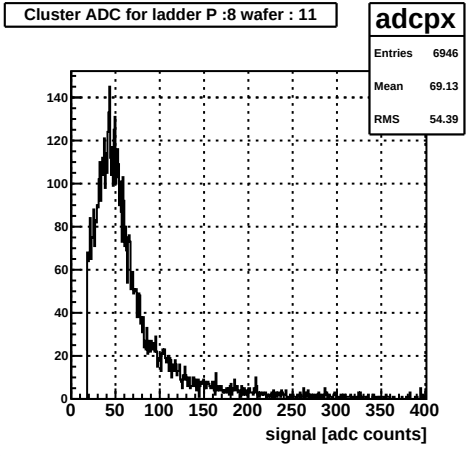

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 9908
Mean 49.35
RMS 37.19
signal [adc counts]

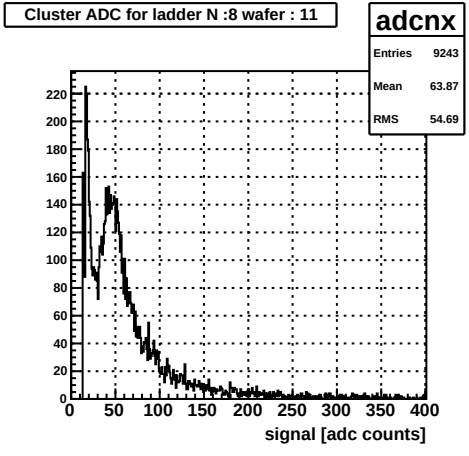

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 10249
Mean 50.97
RMS 49.47
signal [adc counts]

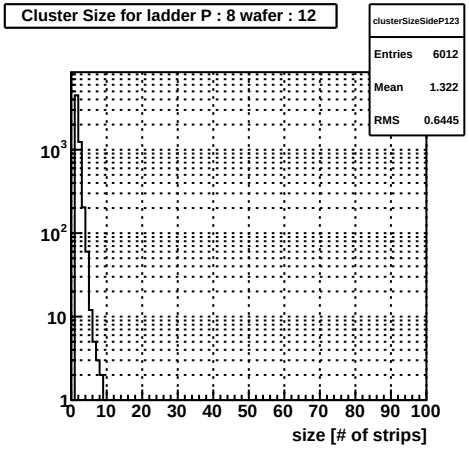

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 6946
Mean 1.317
RMS 0.6377
size [# of strips]

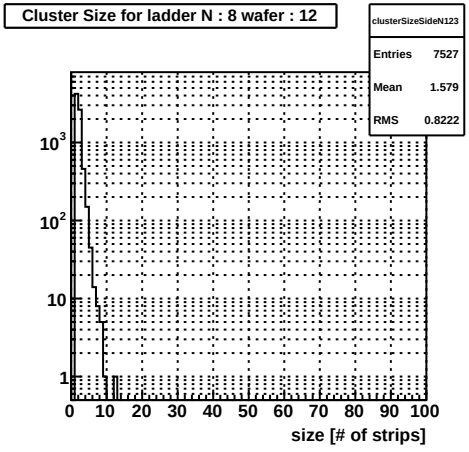

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 9243
Mean 1.504
RMS 0.7624
size [# of strips]

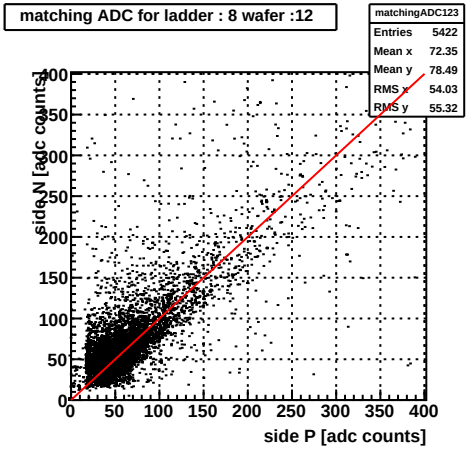

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 6634
Mean x 72.75
Mean y 72.99
RMS x 54.61
RMS y 55.26
side N [adc counts]
side P [adc counts]

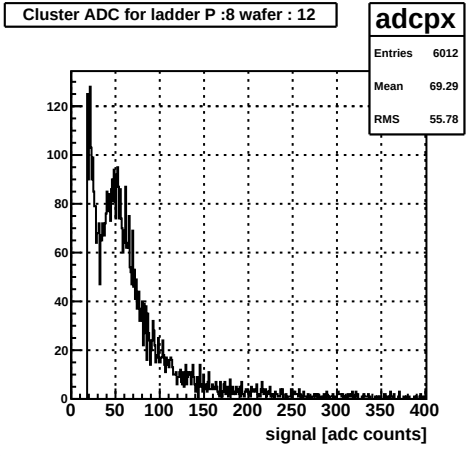

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 6946
Mean 69.13
RMS 54.39
signal [adc counts]

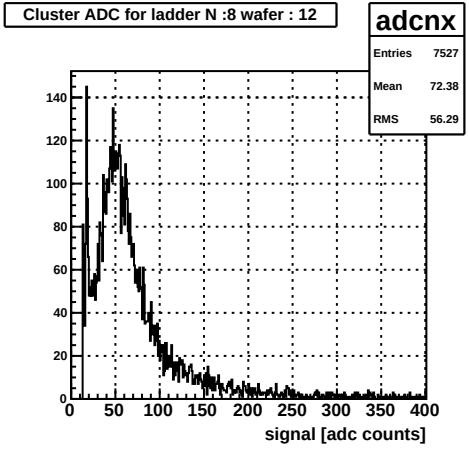

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 9243
Mean 63.87
RMS 54.69
signal [adc counts]

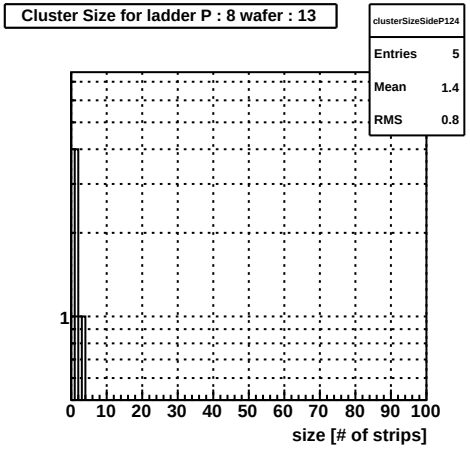

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 6012
Mean 1.322
RMS 0.6445
size [# of strips]

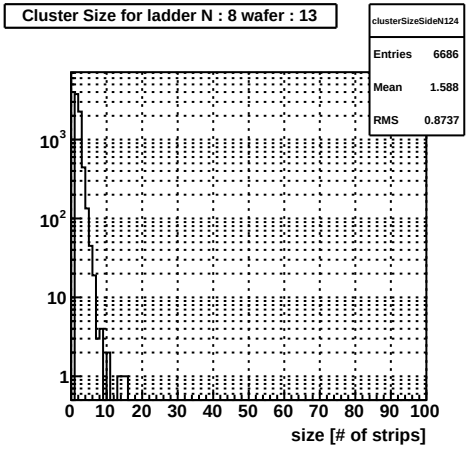

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 7527
Mean 1.579
RMS 0.8222
size [# of strips]

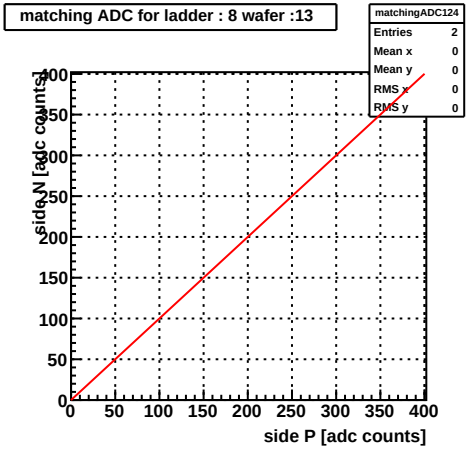

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 5422
Mean x 72.35
Mean y 78.49
RMS x 54.03
RMS y 55.32
side N [adc counts]
side P [adc counts]

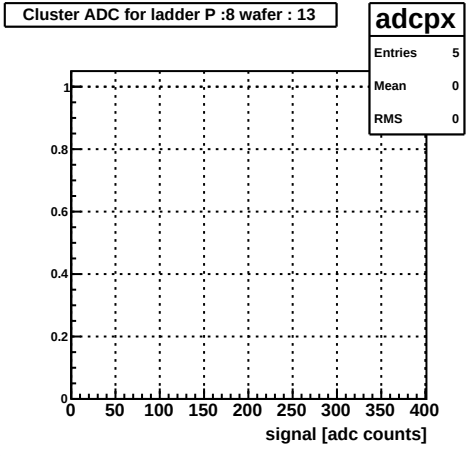

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 6012
Mean 69.29
RMS 55.78
signal [adc counts]

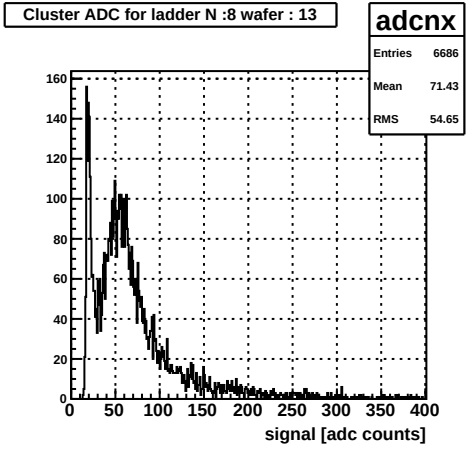

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 7527
Mean 72.38
RMS 56.29
signal [adc counts]

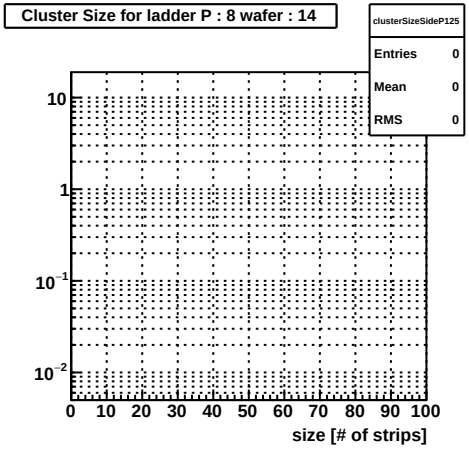

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

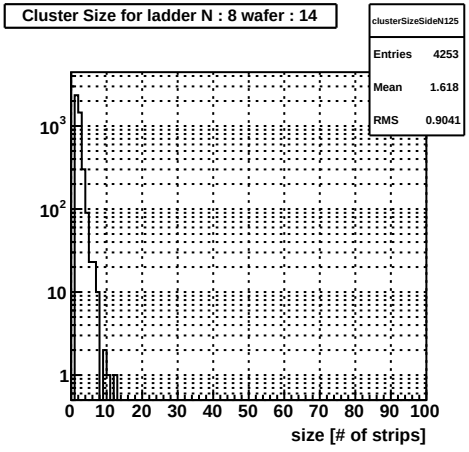

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 6686
Mean 1.588
RMS 0.8737
size [# of strips]

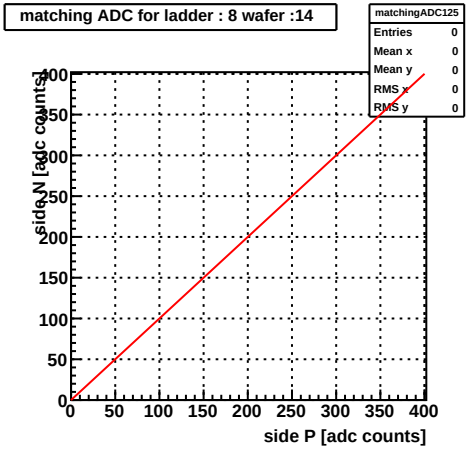

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

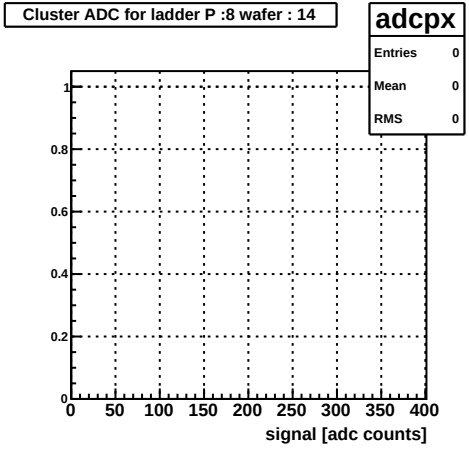

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

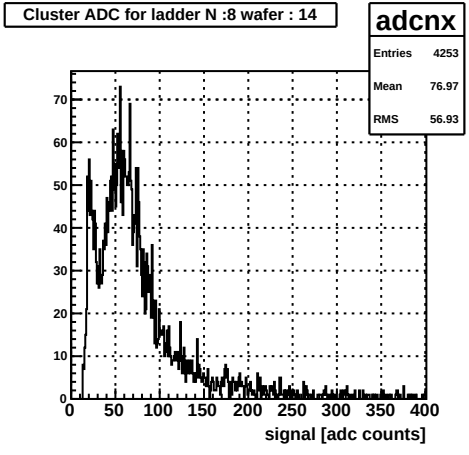

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 6686
Mean 71.43
RMS 54.65
signal [adc counts]

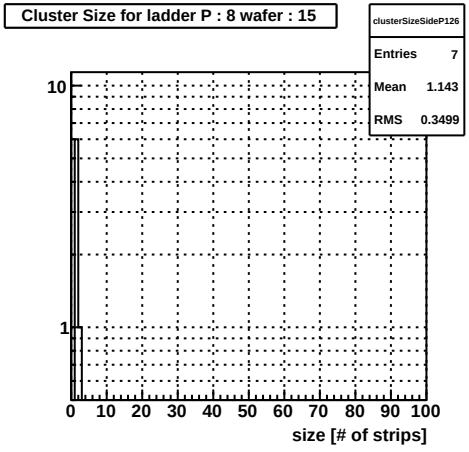

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

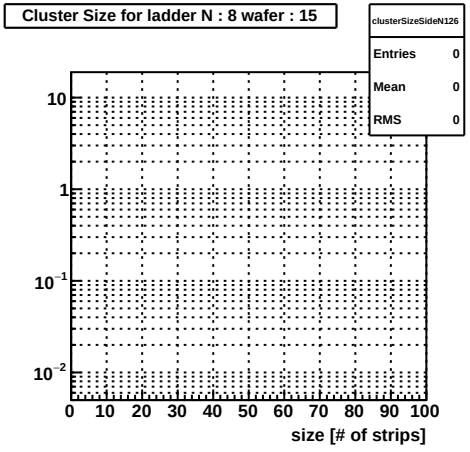

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 4253
Mean 1.618
RMS 0.9041
size [# of strips]

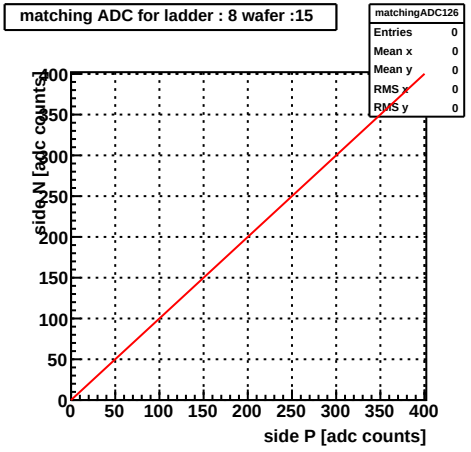

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

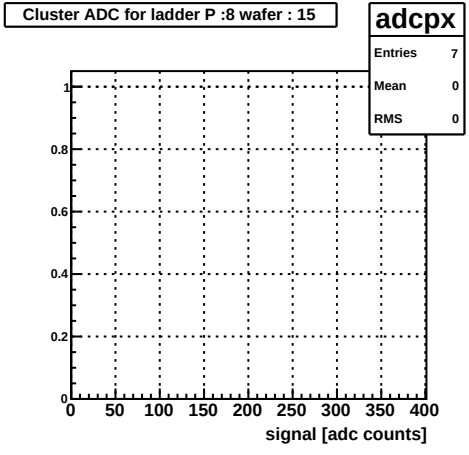

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

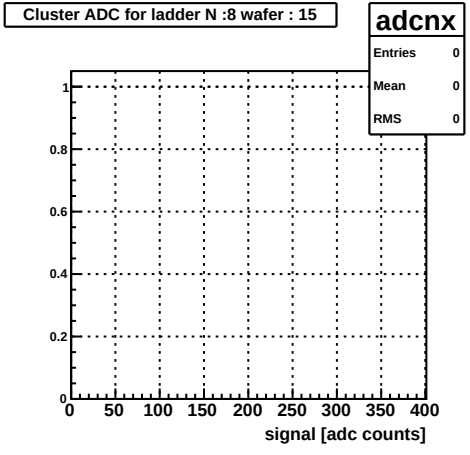

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 4253
Mean 76.97
RMS 56.93
signal [adc counts]

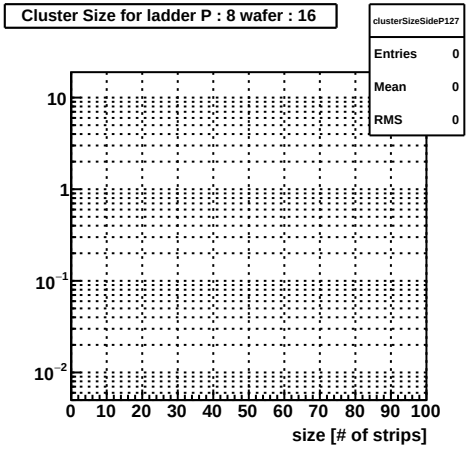

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

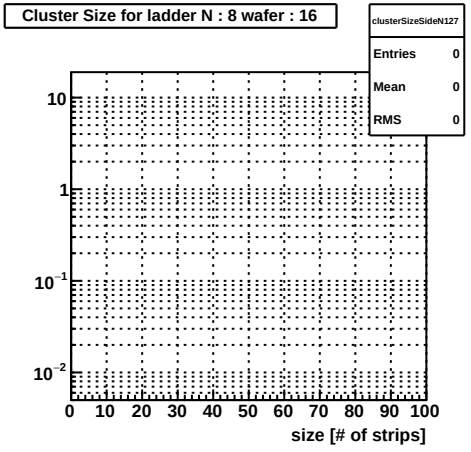

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

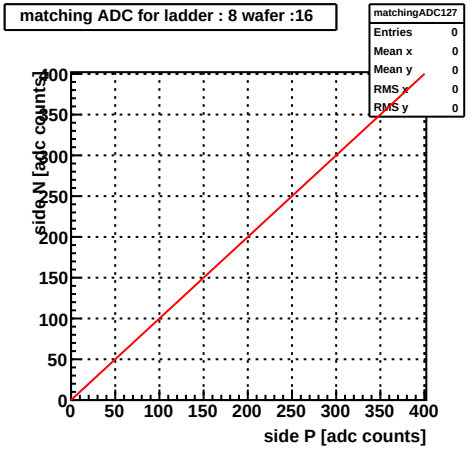

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

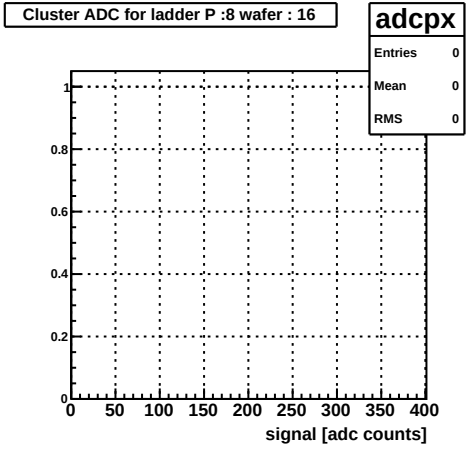

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

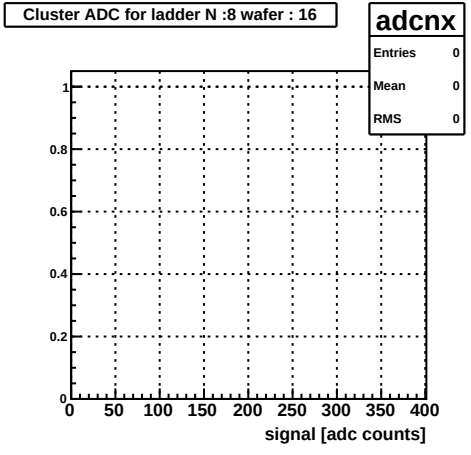

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

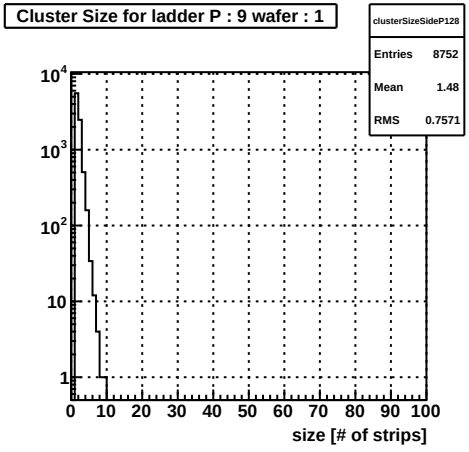

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

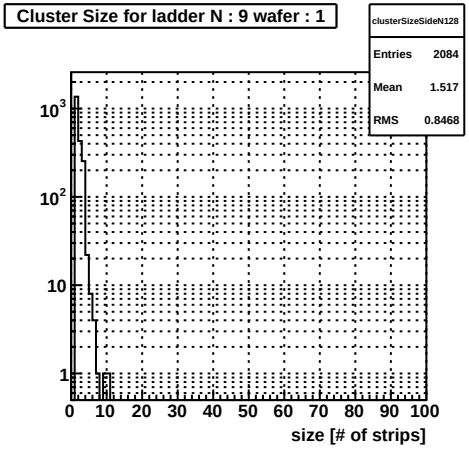

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

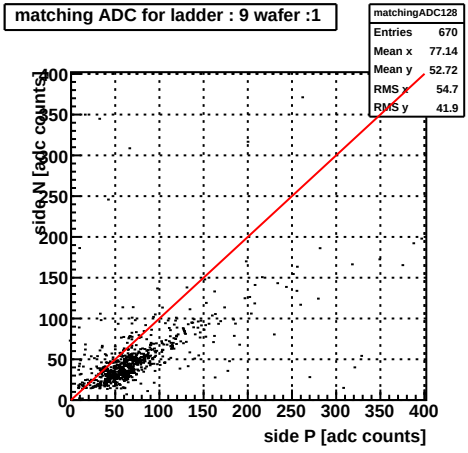

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

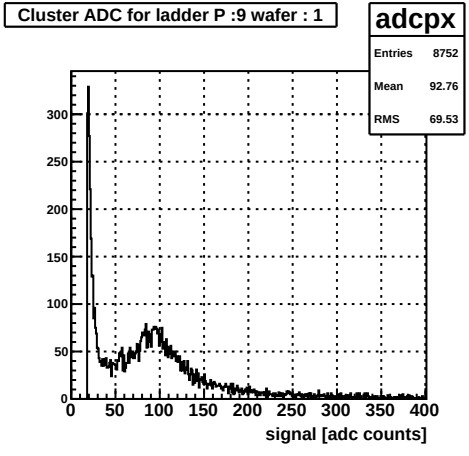

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

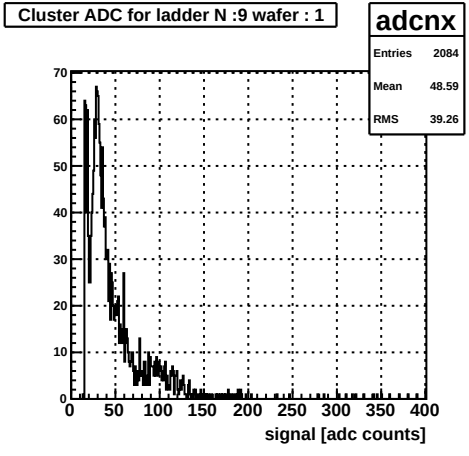

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

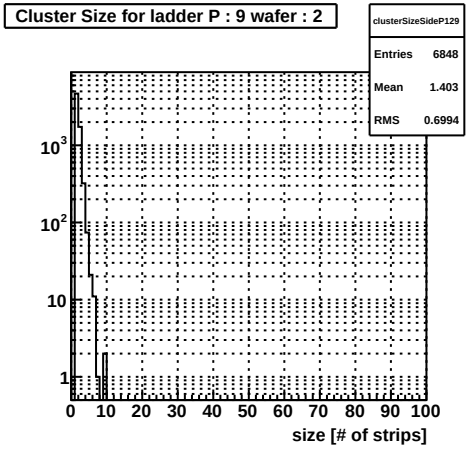

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8752
Mean 1.48
RMS 0.7571
size [# of strips]

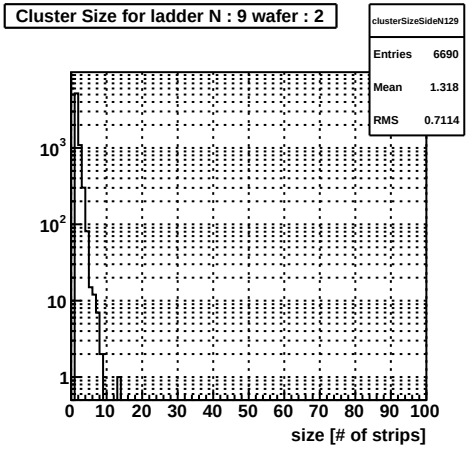

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2084
Mean 1.517
RMS 0.8468
size [# of strips]

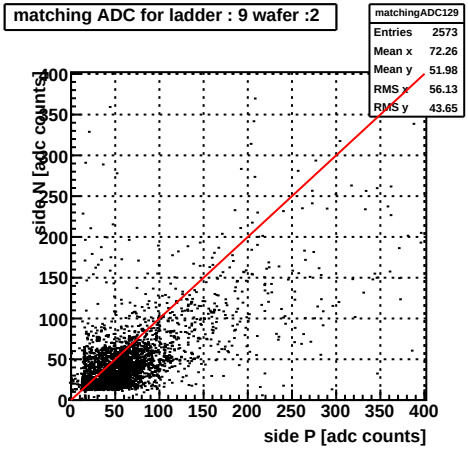

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 670
Mean x 77.14
Mean y 52.72
RMS x 54.7
RMS y 41.9
side N [adc counts]
side P [adc counts]

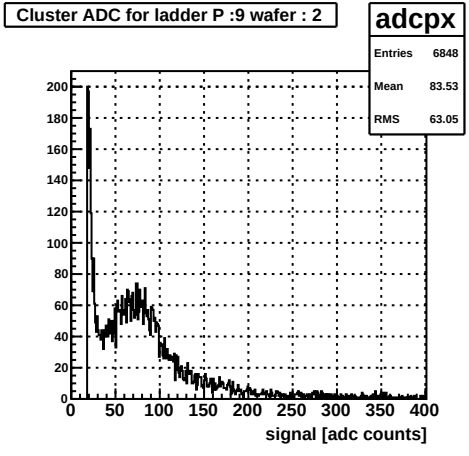

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8752
Mean 92.76
RMS 69.53
signal [adc counts]

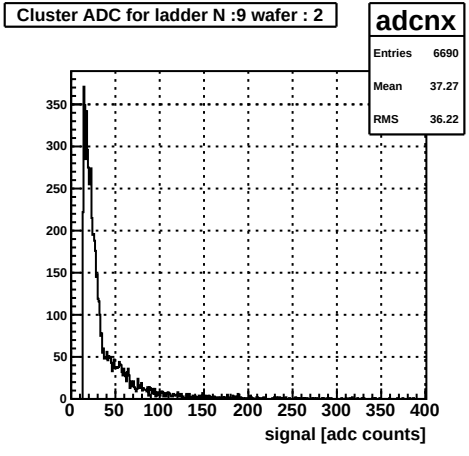

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2084
Mean 48.59
RMS 39.26
signal [adc counts]

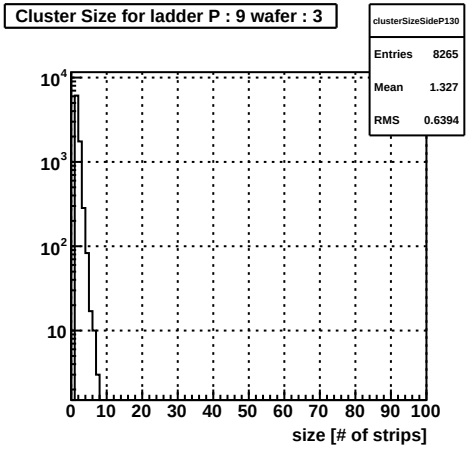

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 6848
Mean 1.403
RMS 0.6994
size [# of strips]

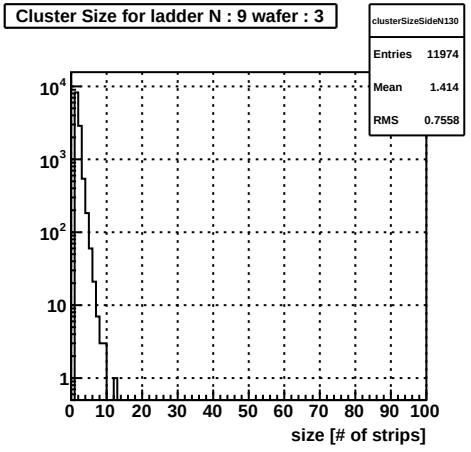

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6690
Mean 1.318
RMS 0.7114
size [# of strips]

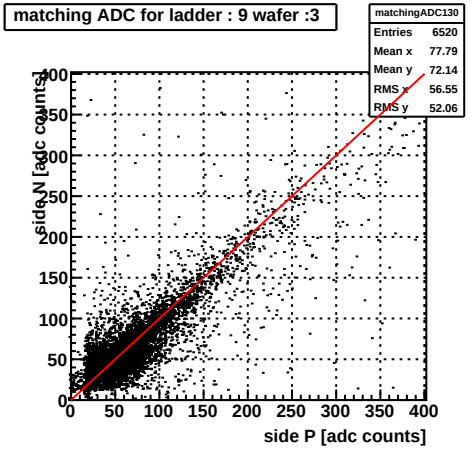

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2573
Mean x 72.26
Mean y 51.98
RMS x 56.13
RMS y 43.65
side N [adc counts]
side P [adc counts]

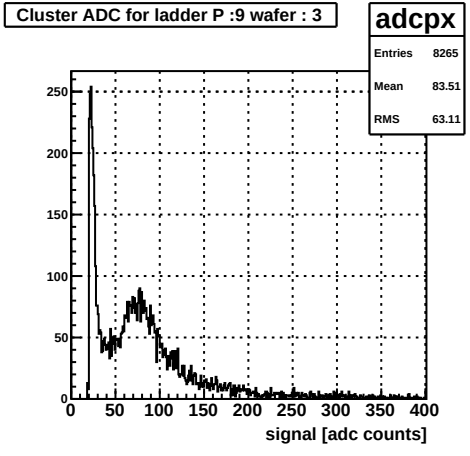

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 6848
Mean 83.53
RMS 63.05
signal [adc counts]

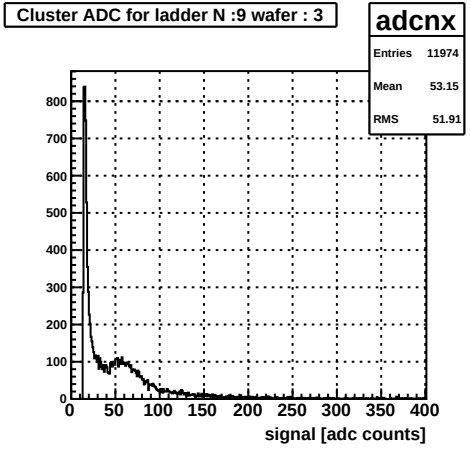

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6690
Mean 37.27
RMS 36.22
signal [adc counts]

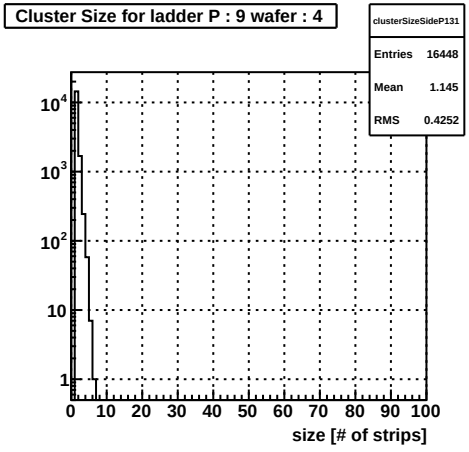

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 8265
Mean 1.327
RMS 0.6394
size [# of strips]

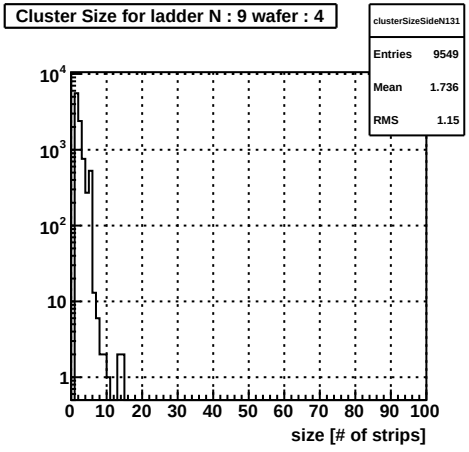

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 11974
Mean 1.414
RMS 0.7558
size [# of strips]

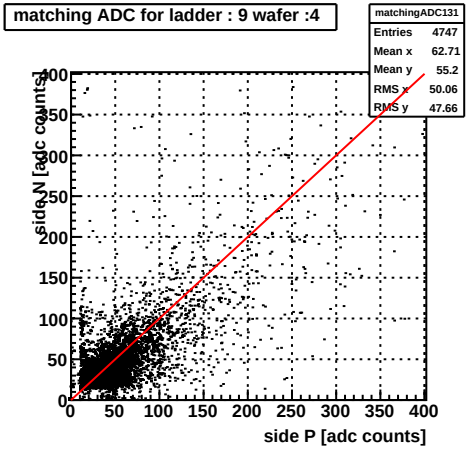

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 6520
Mean x 77.79
Mean y 72.14
RMS x 56.55
RMS y 52.06
side N [adc counts]
side P [adc counts]

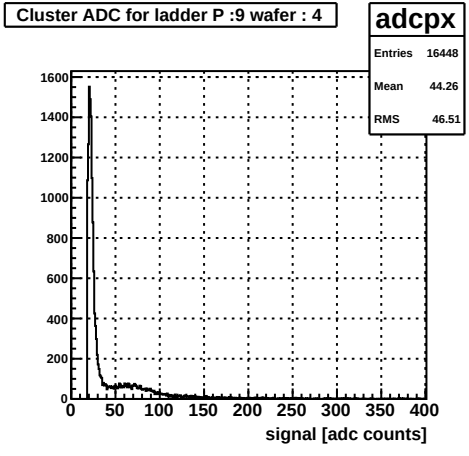

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 8265
Mean 83.51
RMS 63.11
signal [adc counts]

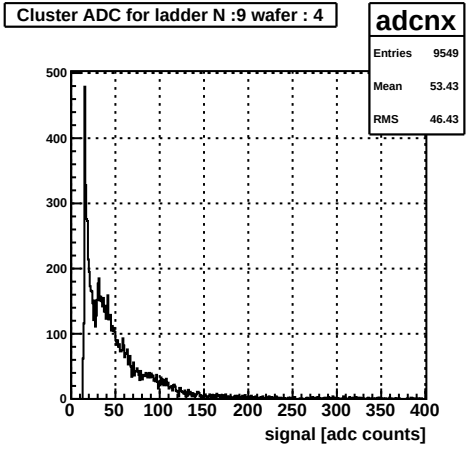

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 11974
Mean 53.15
RMS 51.91
signal [adc counts]

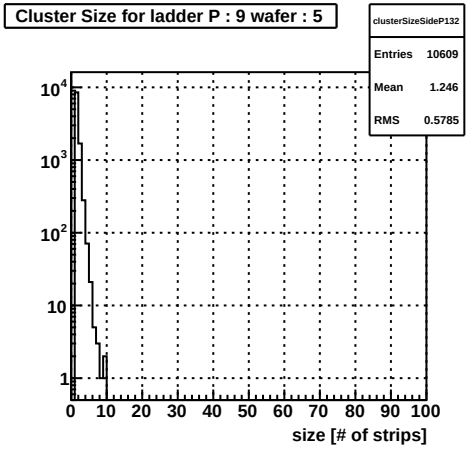

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 16448
Mean 1.145
RMS 0.4252
size [# of strips]

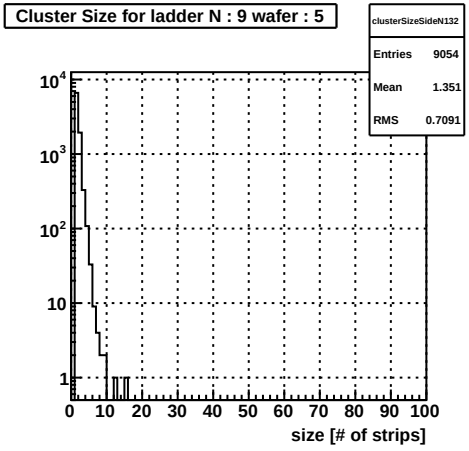

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 9549
Mean 1.736
RMS 1.15
size [# of strips]

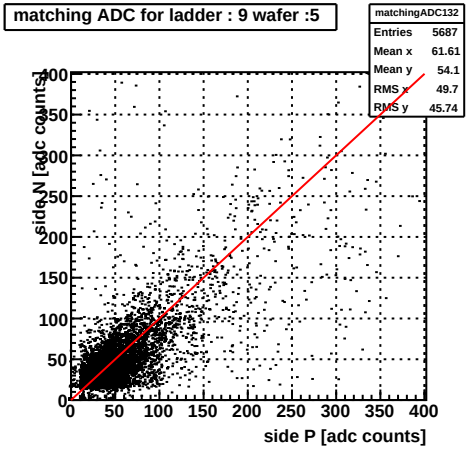

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4747
Mean x 62.71
Mean y 55.2
RMS x 50.06
RMS y 47.66
side N [adc counts]
side P [adc counts]

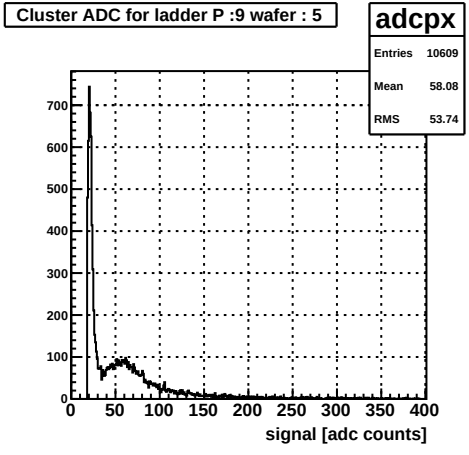

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 16448
Mean 44.26
RMS 46.51
signal [adc counts]

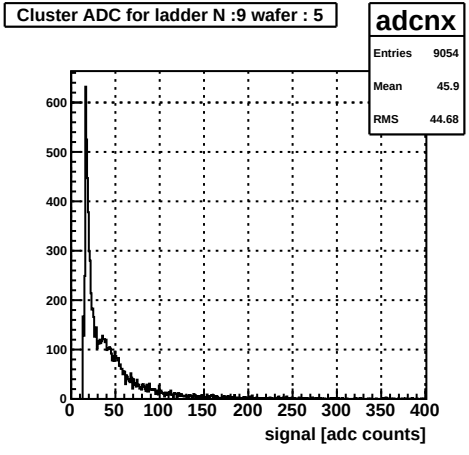

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 9549
Mean 53.43
RMS 46.43
signal [adc counts]

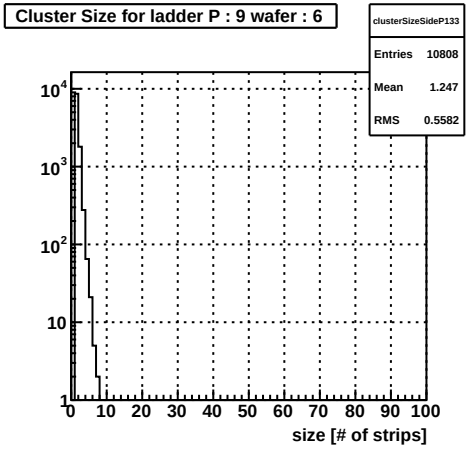

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 10609
Mean 1.246
RMS 0.5785
size [# of strips]

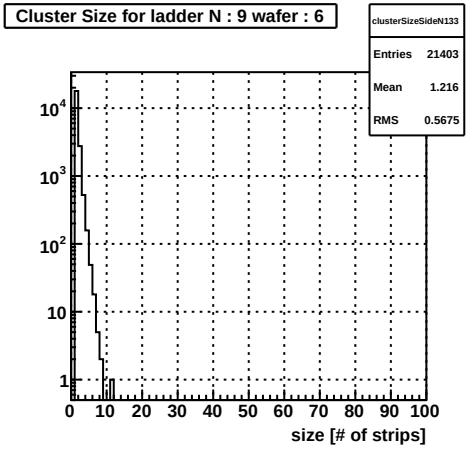

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 9054
Mean 1.351
RMS 0.7091
size [# of strips]

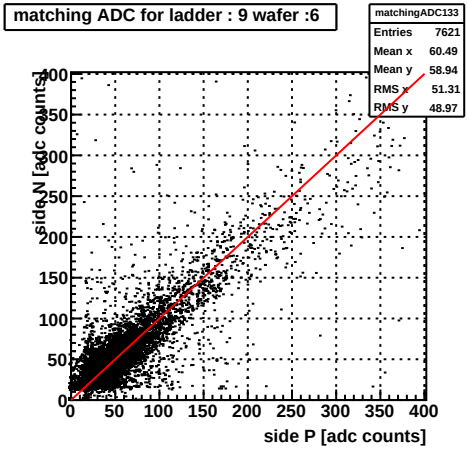

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 5687
Mean x 61.61
Mean y 54.1
RMS x 49.7
RMS y 45.74
side N [adc counts]
side P [adc counts]

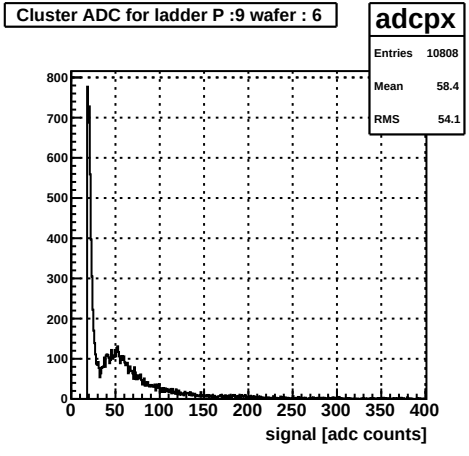

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 10609
Mean 58.08
RMS 53.74
signal [adc counts]

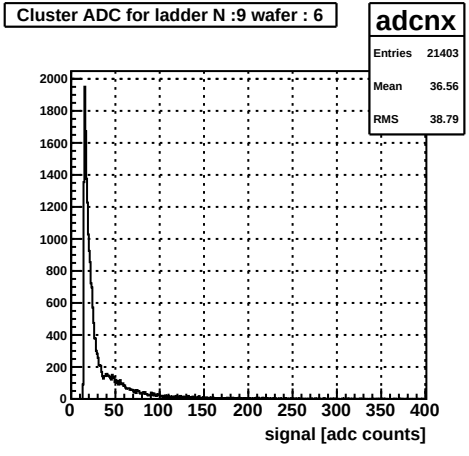

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 9054
Mean 45.9
RMS 44.68
signal [adc counts]

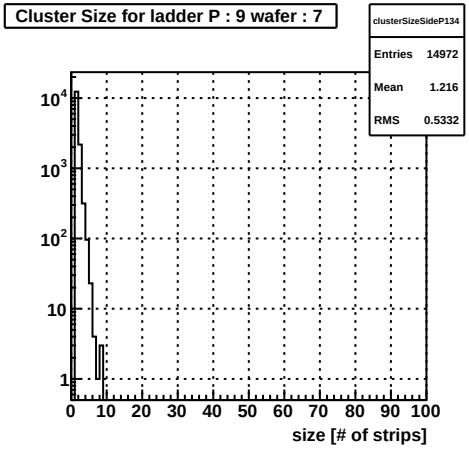

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10808
Mean 1.247
RMS 0.5582
size [# of strips]

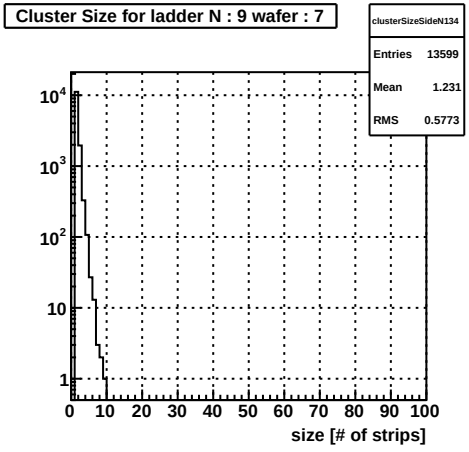

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 21403
Mean 1.216
RMS 0.5675
size [# of strips]

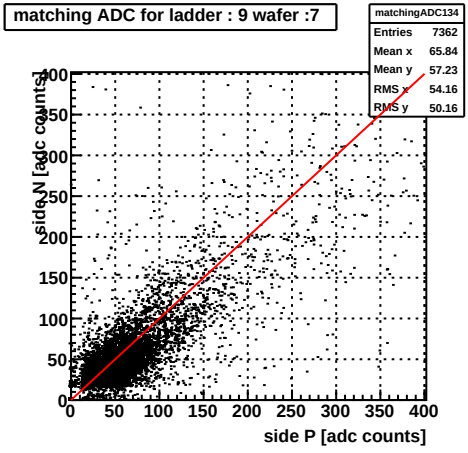

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 7621
Mean x 60.49
Mean y 58.94
RMS x 51.31
RMS y 48.97
side N [adc counts]
side P [adc counts]

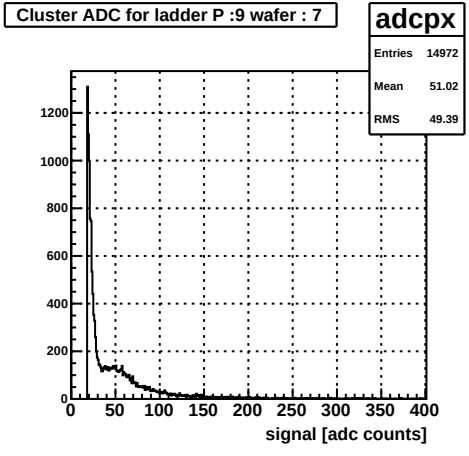

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10808
Mean 58.4
RMS 54.1
signal [adc counts]

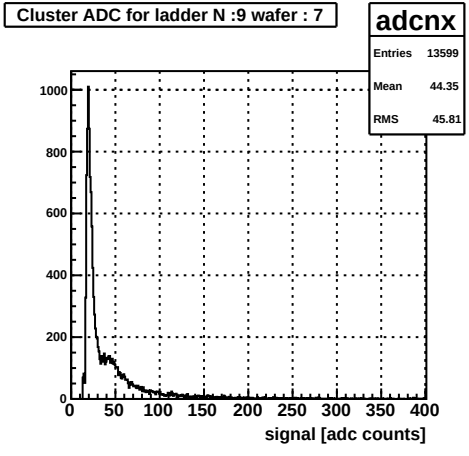

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 21403
Mean 36.56
RMS 38.79
signal [adc counts]

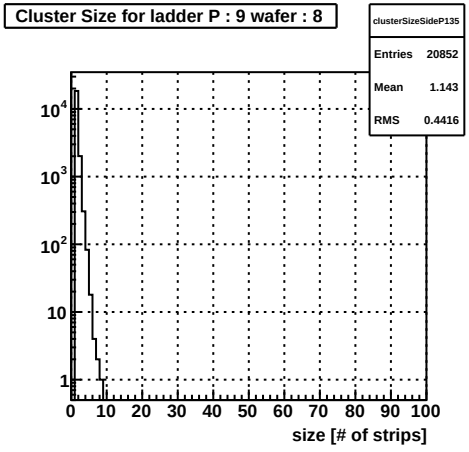

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14972
Mean 1.216
RMS 0.5332
size [# of strips]

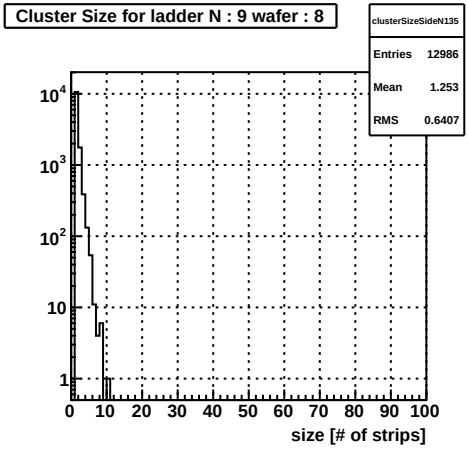

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 13599
Mean 1.231
RMS 0.5773
size [# of strips]

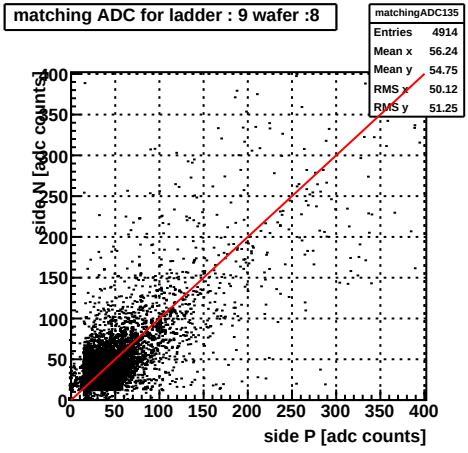

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 7362
Mean x 65.84
Mean y 57.23
RMS x 54.16
RMS y 50.16
side N [adc counts]
side P [adc counts]

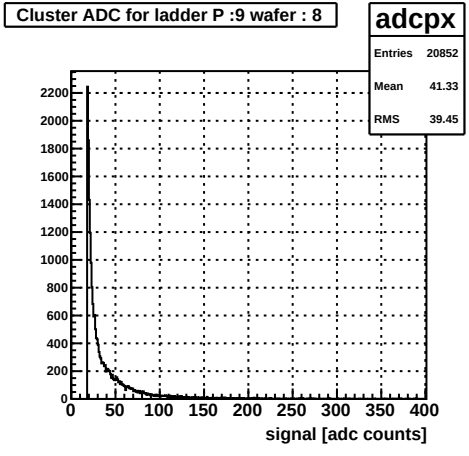

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14972
Mean 51.02
RMS 49.39
signal [adc counts]

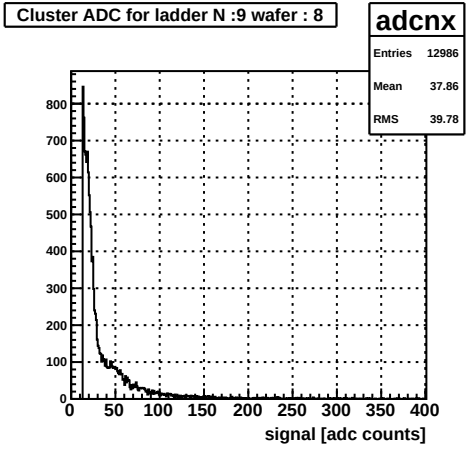

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 13599
Mean 44.35
RMS 45.81
signal [adc counts]

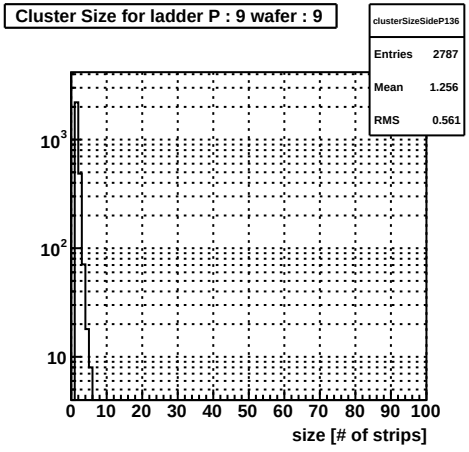

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 20852
Mean 1.143
RMS 0.4416
size [# of strips]

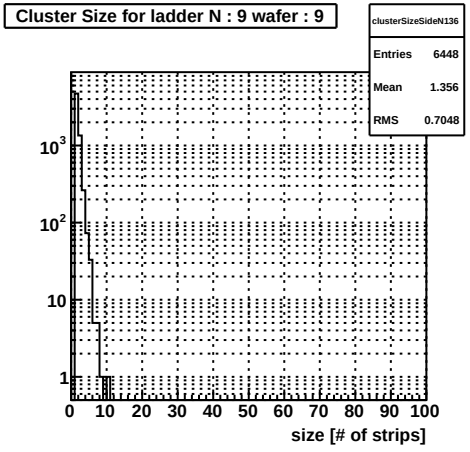

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 12986
Mean 1.253
RMS 0.6407
size [# of strips]

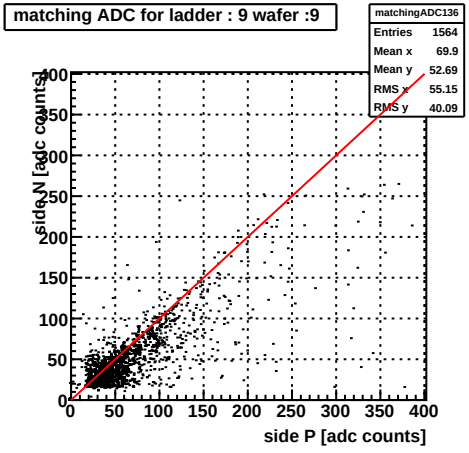

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4914
Mean x 56.24
Mean y 54.75
RMS x 50.12
RMS y 51.25
side N [adc counts]
side P [adc counts]

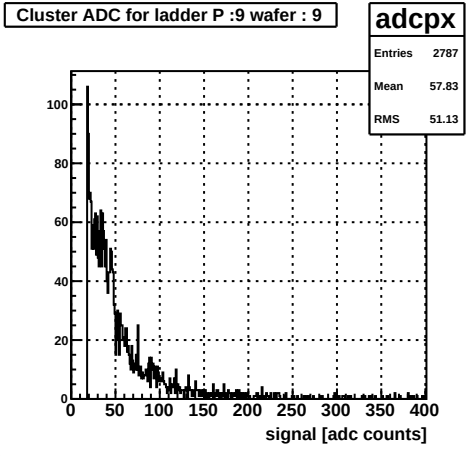

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 20852
Mean 41.33
RMS 39.45
signal [adc counts]

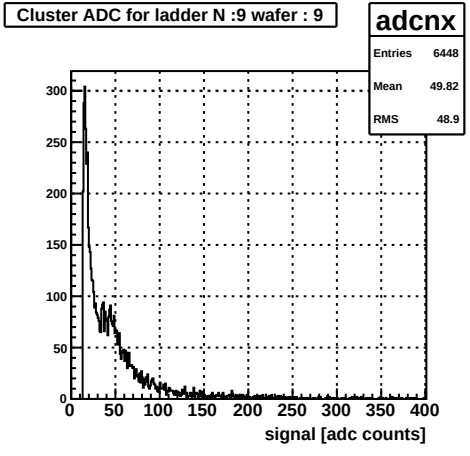

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 12986
Mean 37.86
RMS 39.78
signal [adc counts]

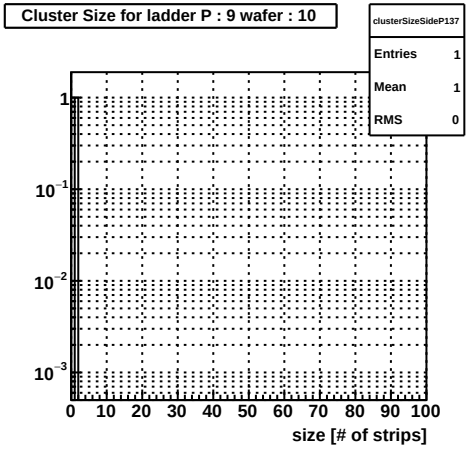

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2787
Mean 1.256
RMS 0.561
size [# of strips]

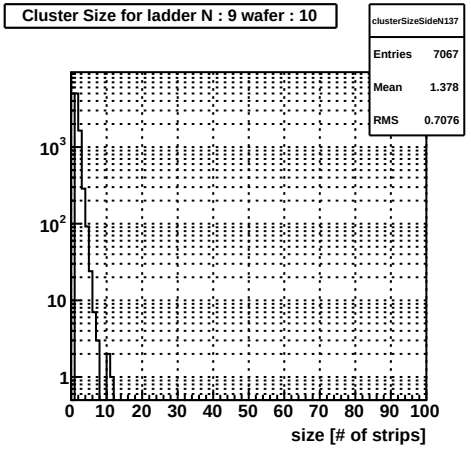

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 6448
Mean 1.356
RMS 0.7048
size [# of strips]

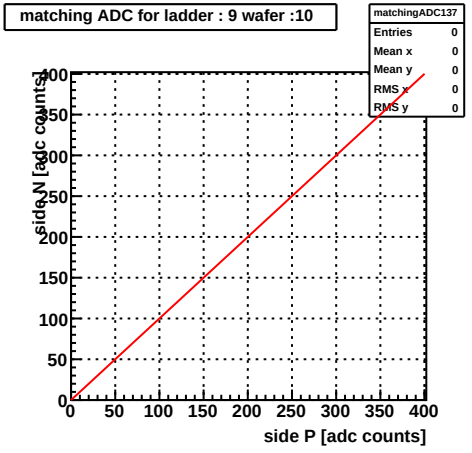

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1564
Mean x 69.9
Mean y 52.69
RMS x 55.15
RMS y 40.09
side N [adc counts]
side P [adc counts]

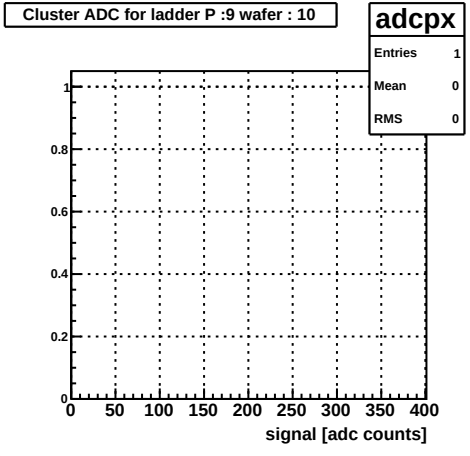

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2787
Mean 57.83
RMS 51.13
signal [adc counts]

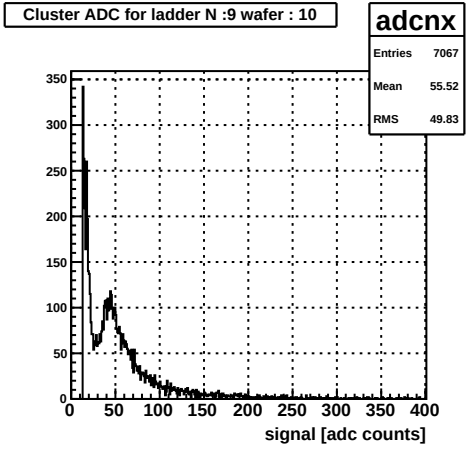

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 6448
Mean 49.82
RMS 48.9
signal [adc counts]

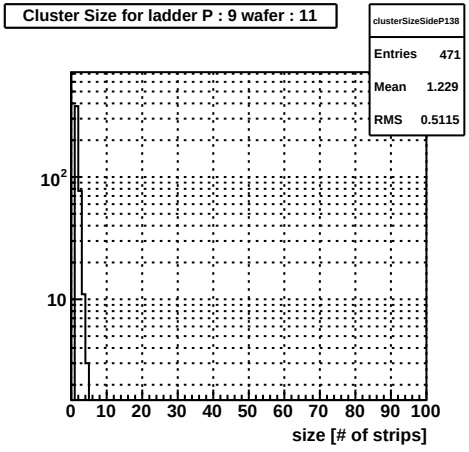

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

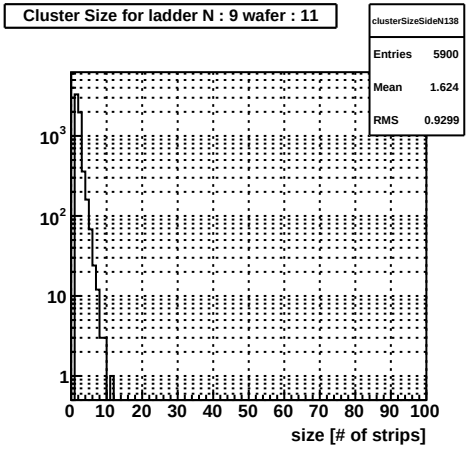

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 7067
Mean 1.378
RMS 0.7076
size [# of strips]

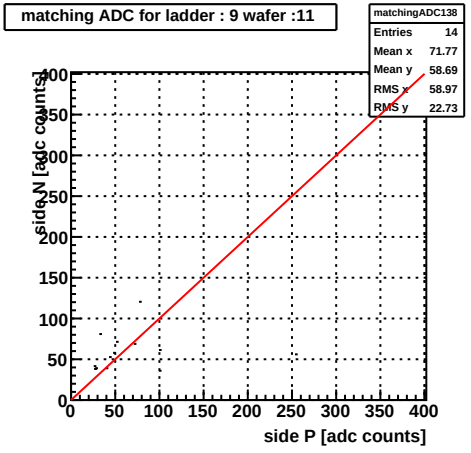

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

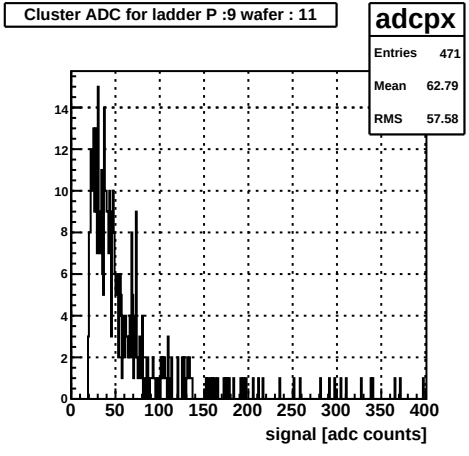

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

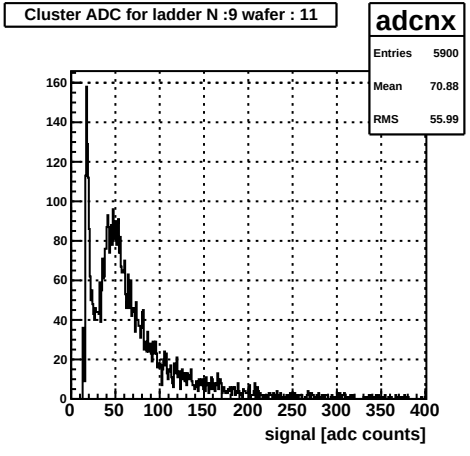

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 7067
Mean 55.52
RMS 49.83
signal [adc counts]

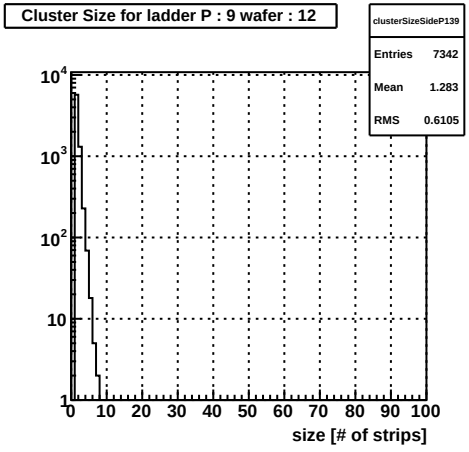

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 471
Mean 1.229
RMS 0.5115
size [# of strips]

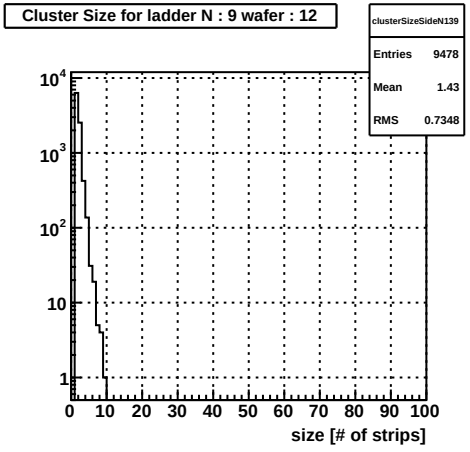

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 5900
Mean 1.624
RMS 0.9299
size [# of strips]

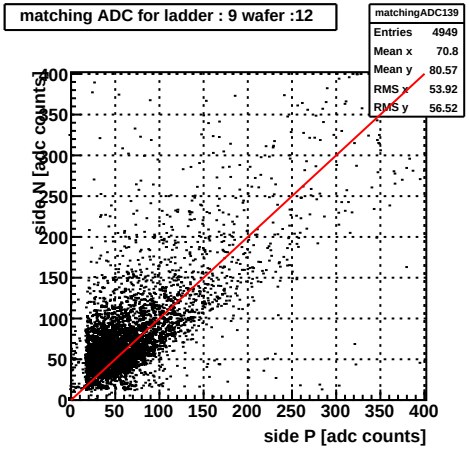

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 14
Mean x 71.77
Mean y 58.69
RMS x 58.97
RMS y 22.73
side N [adc counts]
side P [adc counts]

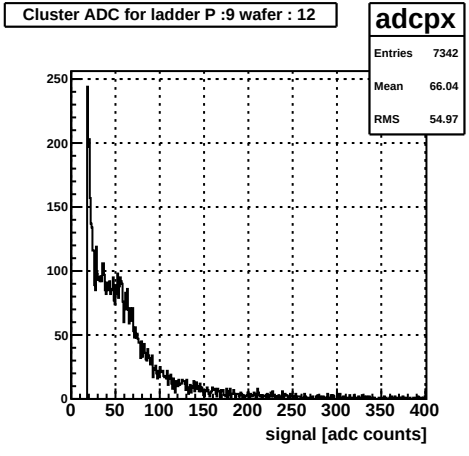

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 471
Mean 62.79
RMS 57.58
signal [adc counts]

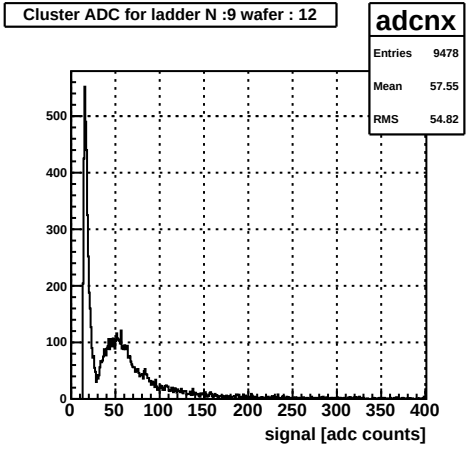

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 5900
Mean 70.88
RMS 55.99
signal [adc counts]

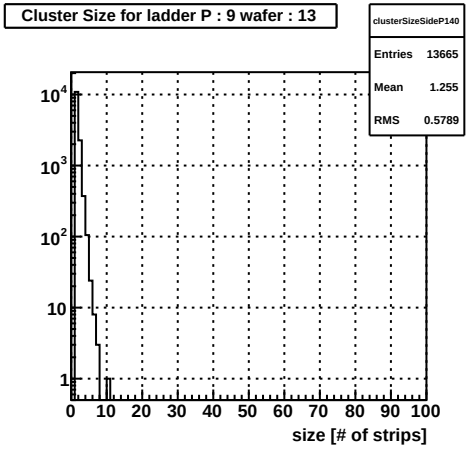

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 7342
Mean 1.283
RMS 0.6105
size [# of strips]

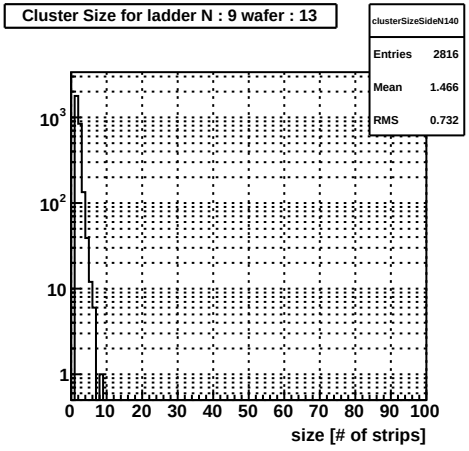

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 9478
Mean 1.43
RMS 0.7348
size [# of strips]

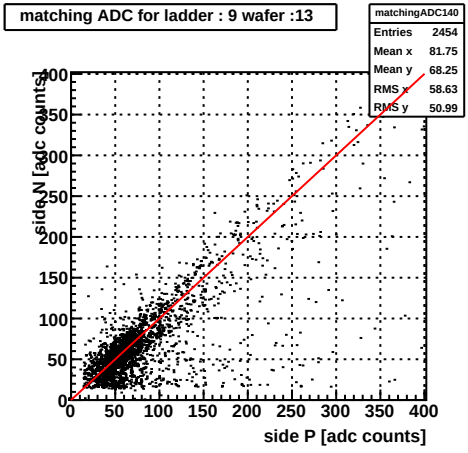

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 4949
Mean x 70.8
Mean y 80.57
RMS x 53.92
RMS y 56.52
side N [adc counts]
side P [adc counts]

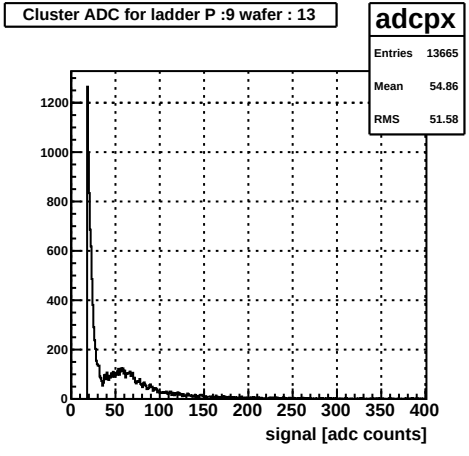

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 7342
Mean 66.04
RMS 54.97
signal [adc counts]

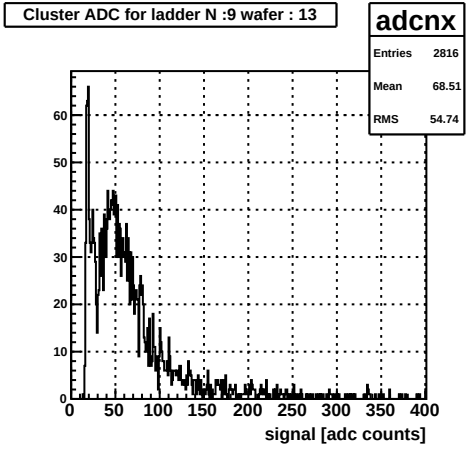

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 9478
Mean 57.55
RMS 54.82
signal [adc counts]

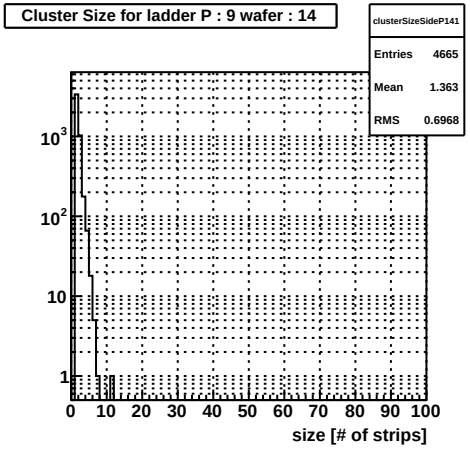

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13665
Mean 1.255
RMS 0.5789
size [# of strips]

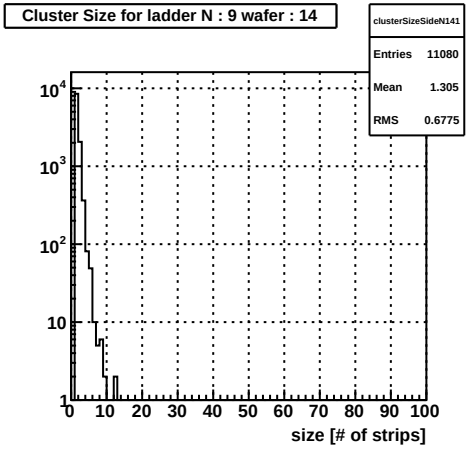

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 2816
Mean 1.466
RMS 0.732
size [# of strips]

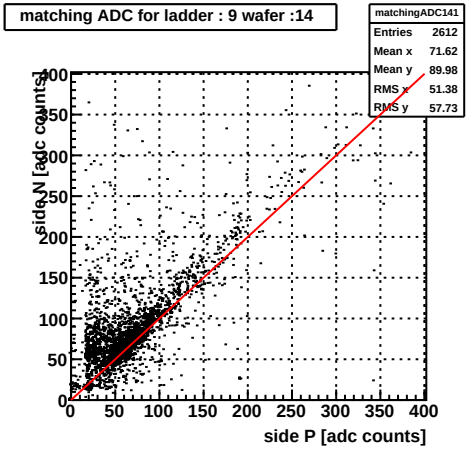

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 2454
Mean x 81.75
Mean y 68.25
RMS x 58.63
RMS y 50.99
side N [adc counts]
side P [adc counts]

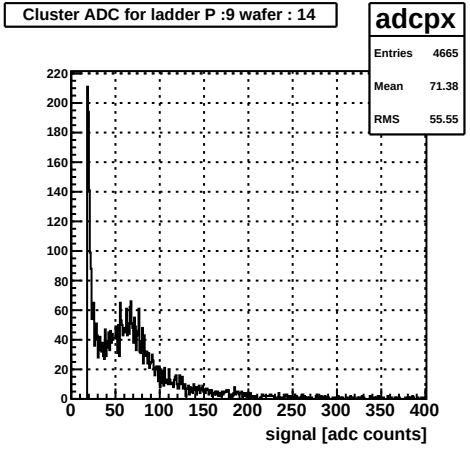

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13665
Mean 54.86
RMS 51.58
signal [adc counts]

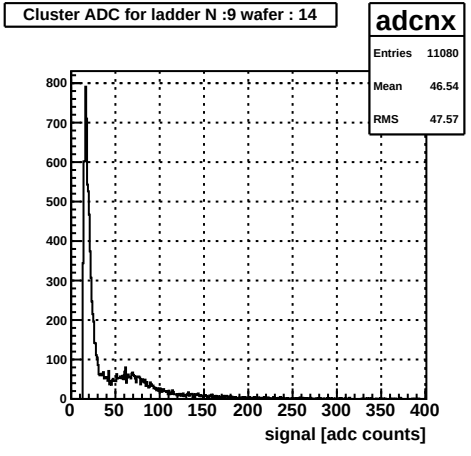

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 2816
Mean 68.51
RMS 54.74
signal [adc counts]

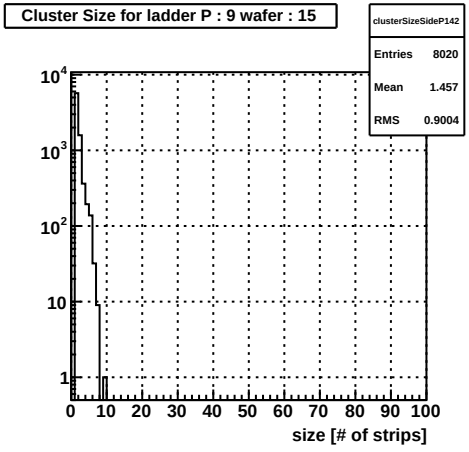

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4665
Mean 1.363
RMS 0.6968
size [# of strips]

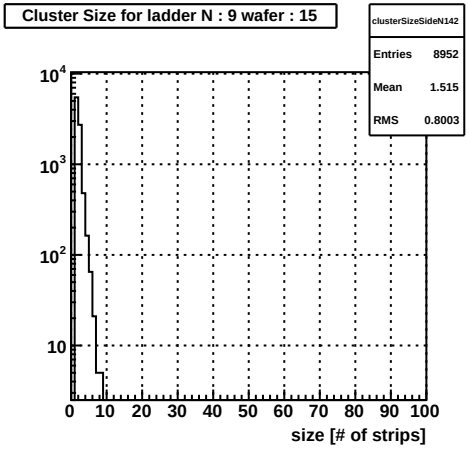

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 11080
Mean 1.305
RMS 0.6775
size [# of strips]

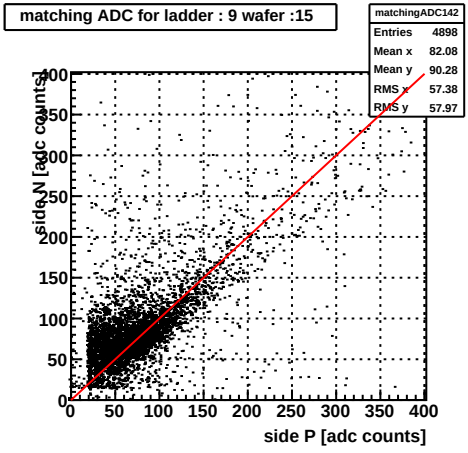

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 2612
Mean x 71.62
Mean y 89.98
RMS x 51.38
RMS y 57.73
side N [adc counts]
side P [adc counts]

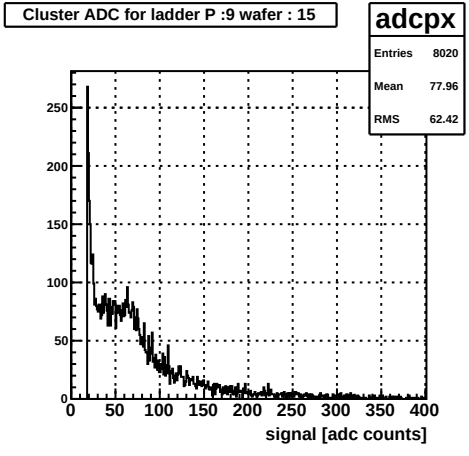

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4665
Mean 71.38
RMS 55.55
signal [adc counts]

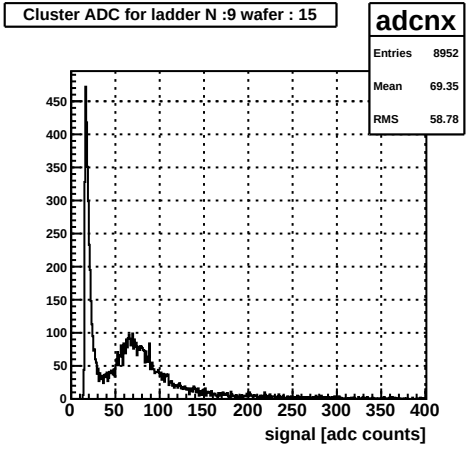

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 11080
Mean 46.54
RMS 47.57
signal [adc counts]

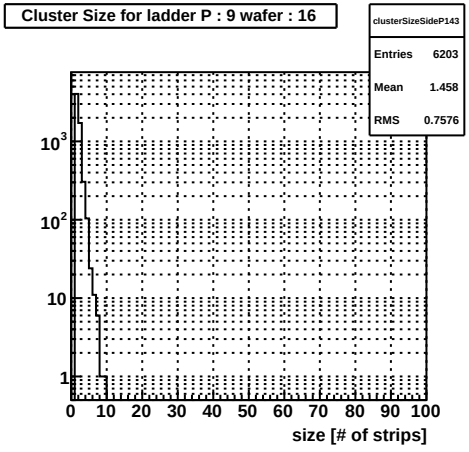

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 8020
Mean 1.457
RMS 0.9004
size [# of strips]

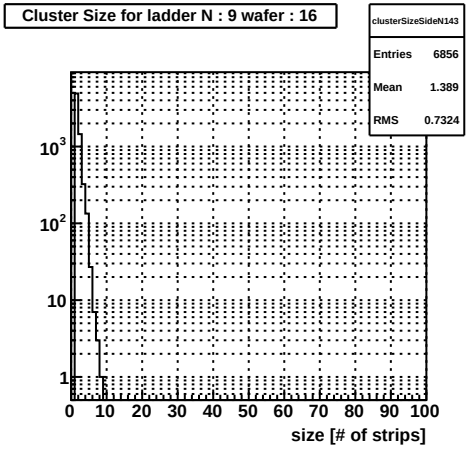

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 8952
Mean 1.515
RMS 0.8003
size [# of strips]

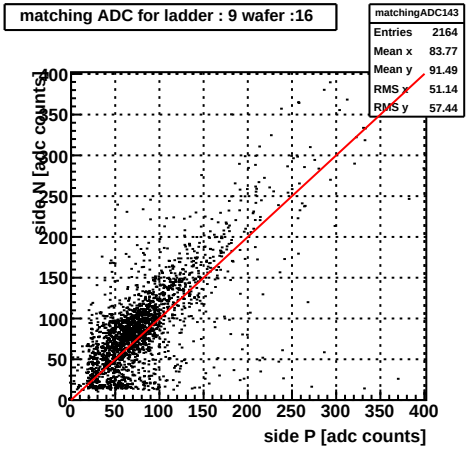

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 4898
Mean x 82.08
Mean y 90.28
RMS x 57.38
RMS y 57.97
side N [adc counts]
side P [adc counts]

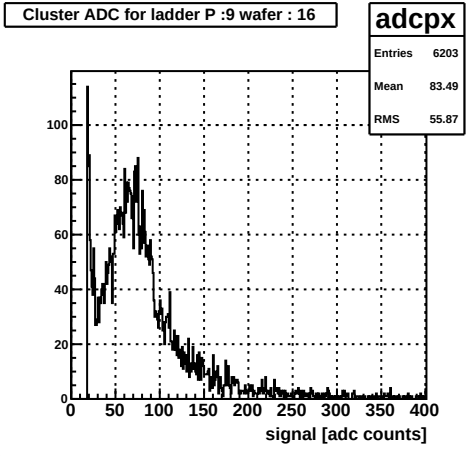

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 8020
Mean 77.96
RMS 62.42
signal [adc counts]

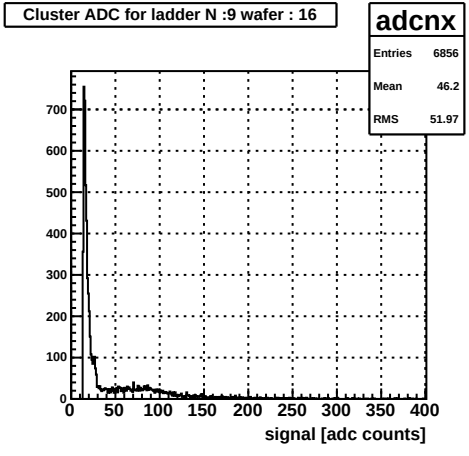

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 8952
Mean 69.35
RMS 58.78
signal [adc counts]

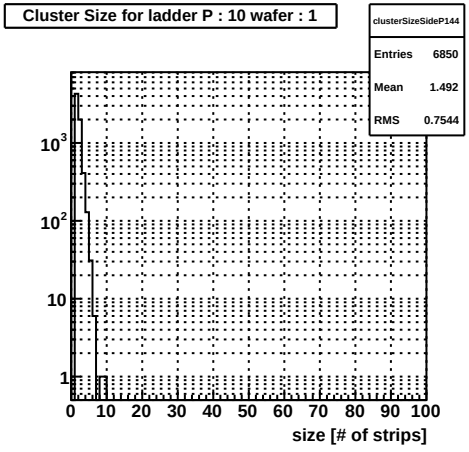

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 6203
Mean 1.458
RMS 0.7576
size [# of strips]

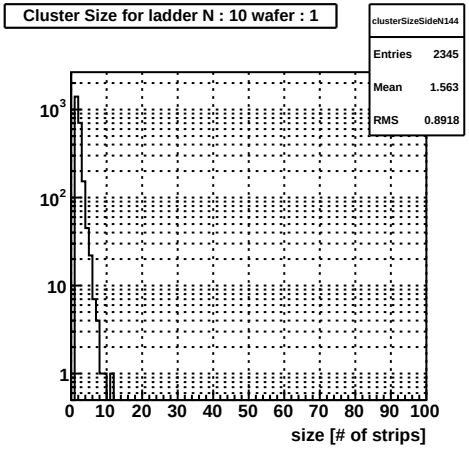

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6856
Mean 1.389
RMS 0.7324
size [# of strips]

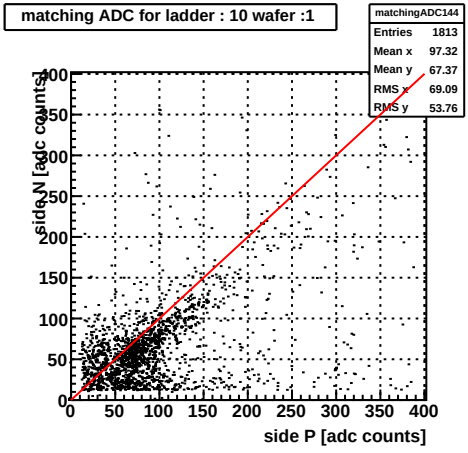

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2164
Mean x 83.77
Mean y 91.49
RMS x 51.14
RMS y 57.44
side N [adc counts]
side P [adc counts]

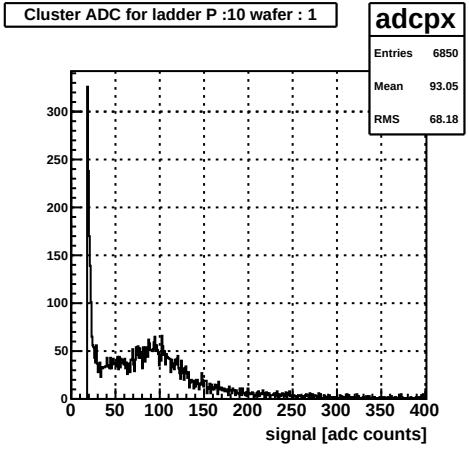

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 6203
Mean 83.49
RMS 55.87
signal [adc counts]

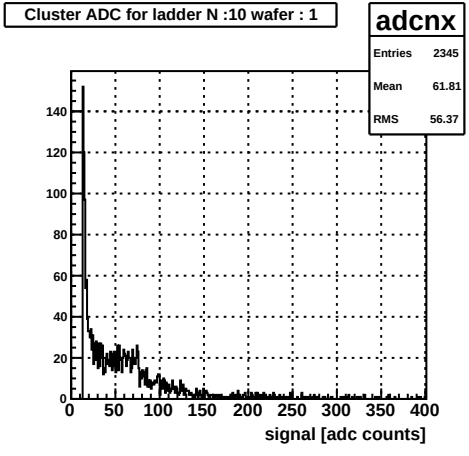

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6856
Mean 46.2
RMS 51.97
signal [adc counts]

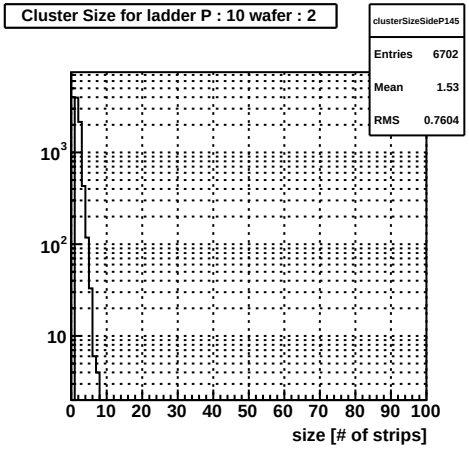

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 6850
Mean 1.492
RMS 0.7544
size [# of strips]

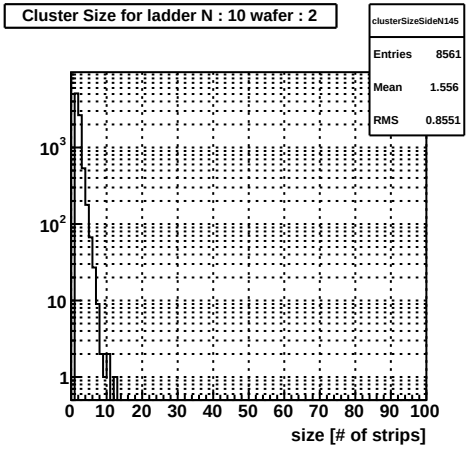

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 2345
Mean 1.563
RMS 0.8918
size [# of strips]

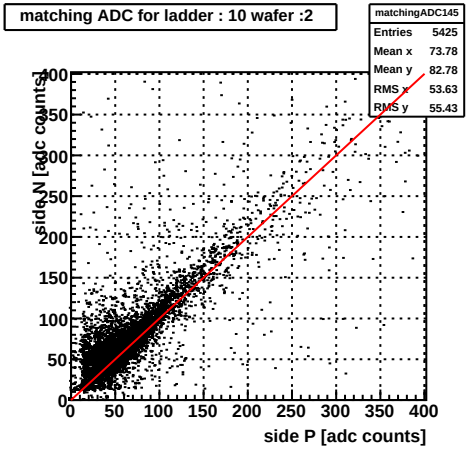

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1813
Mean x 97.32
Mean y 67.37
RMS x 69.09
RMS y 53.76
side N [adc counts]
side P [adc counts]

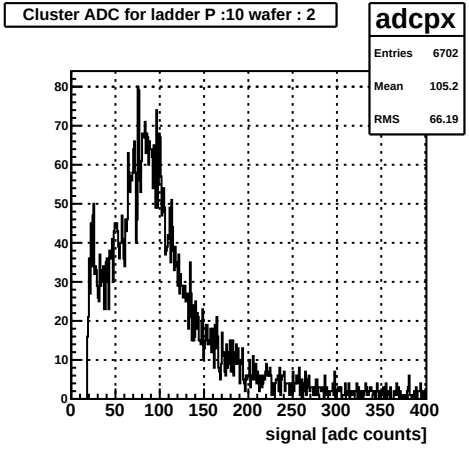

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 6850
Mean 93.05
RMS 68.18
signal [adc counts]

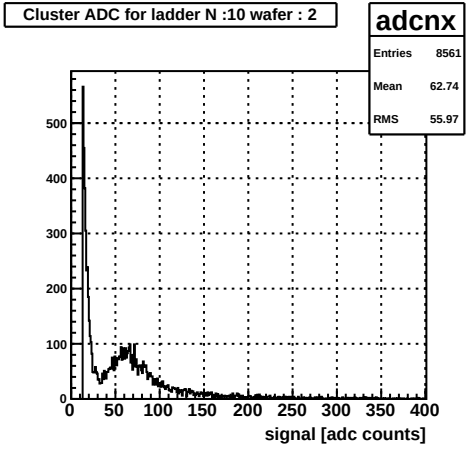

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 2345
Mean 61.81
RMS 56.37
signal [adc counts]

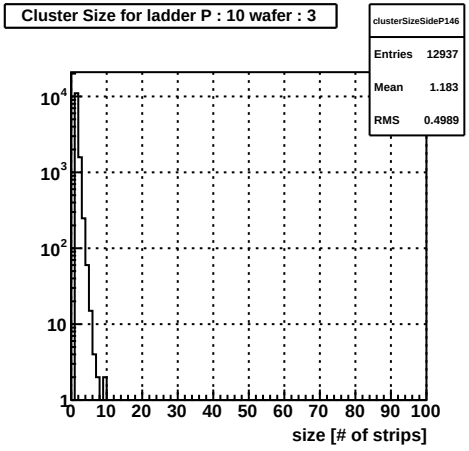

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 6702
Mean 1.53
RMS 0.7604
size [# of strips]

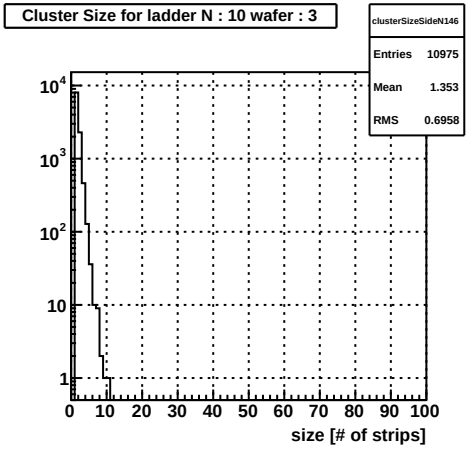

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 8561
Mean 1.556
RMS 0.8551
size [# of strips]

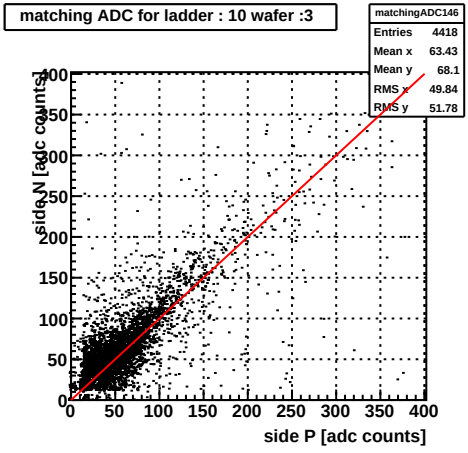

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 5425
Mean x 73.78
Mean y 82.78
RMS x 53.63
RMS y 55.43
side N [adc counts]
side P [adc counts]

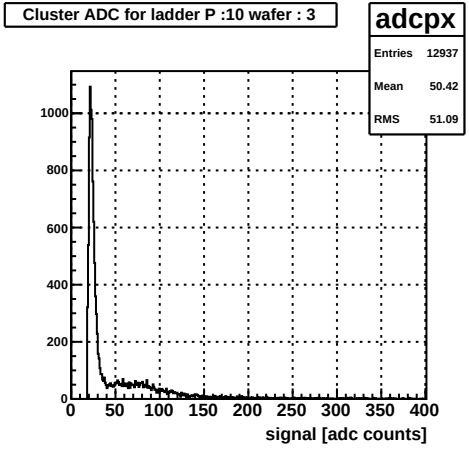

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 6702
Mean 105.2
RMS 66.19
signal [adc counts]

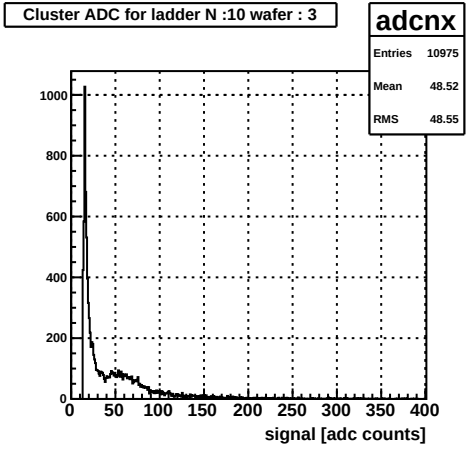

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 8561
Mean 62.74
RMS 55.97
signal [adc counts]

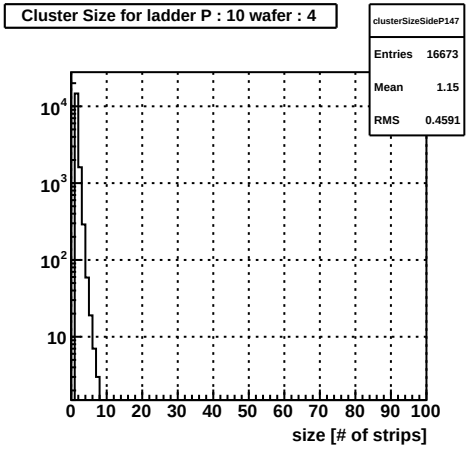

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 12937
Mean 1.183
RMS 0.4989
size [# of strips]

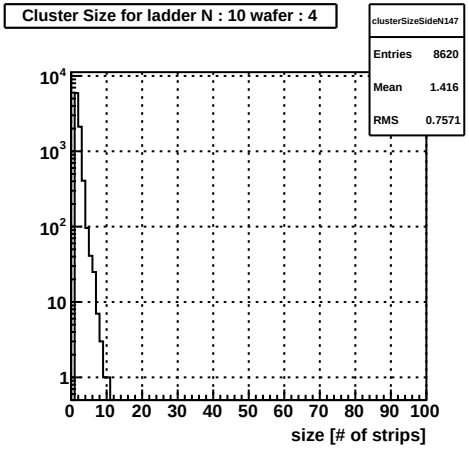

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 10975
Mean 1.353
RMS 0.6958
size [# of strips]

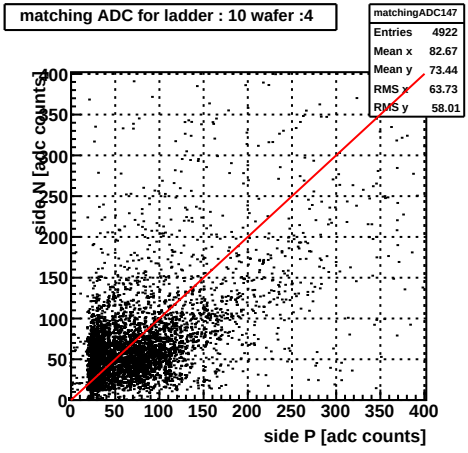

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4418
Mean x 63.43
Mean y 68.1
RMS x 49.84
RMS y 51.78
side N [adc counts]
side P [adc counts]

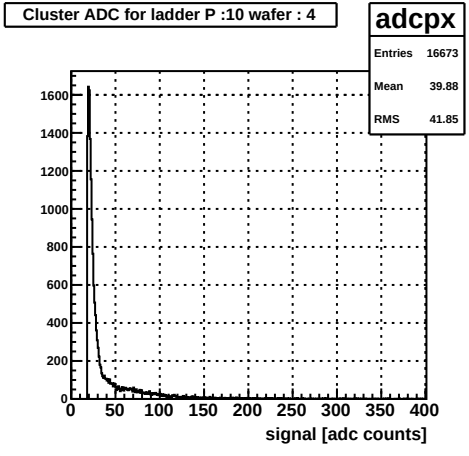

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 12937
Mean 50.42
RMS 51.09
signal [adc counts]

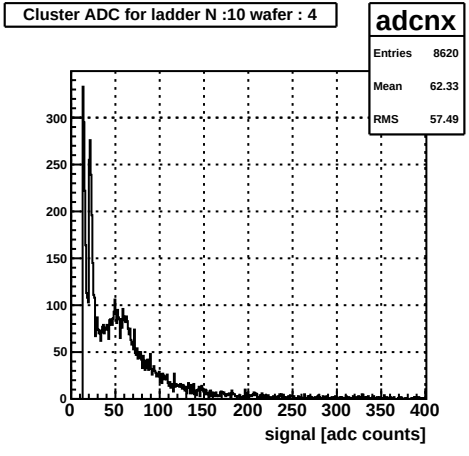

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 10975
Mean 48.52
RMS 48.55
signal [adc counts]

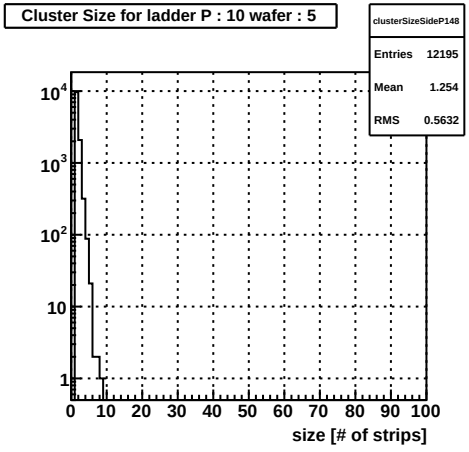

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 16673
Mean 1.15
RMS 0.4591
size [# of strips]

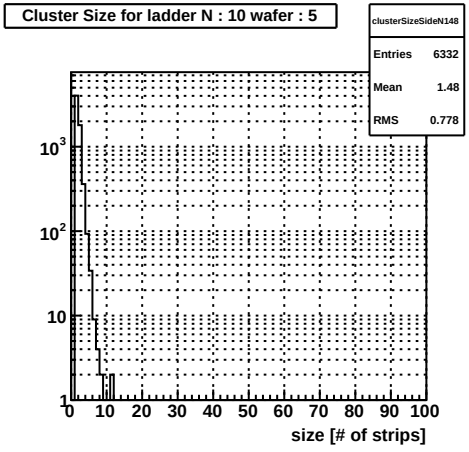

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 8620
Mean 1.416
RMS 0.7571
size [# of strips]

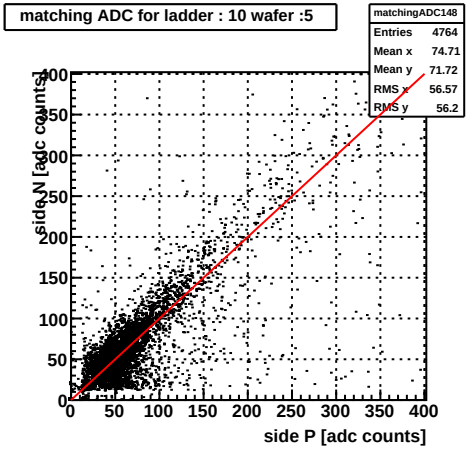

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4922
Mean x 82.67
Mean y 73.44
RMS x 63.73
RMS y 58.01
side N [adc counts]
side P [adc counts]

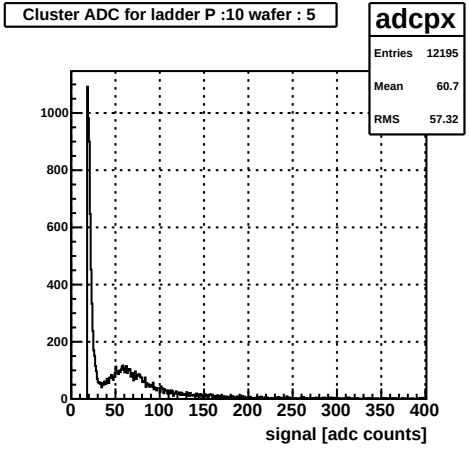

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 16673
Mean 39.88
RMS 41.85
signal [adc counts]

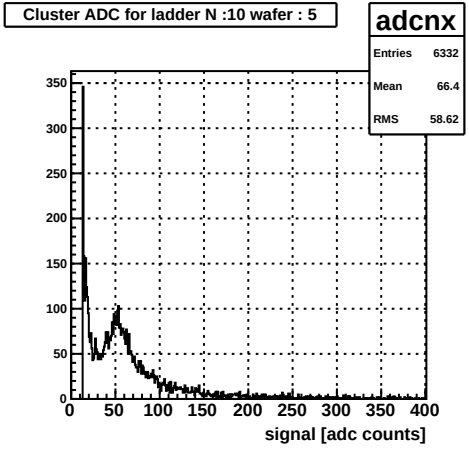

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 8620
Mean 62.33
RMS 57.49
signal [adc counts]

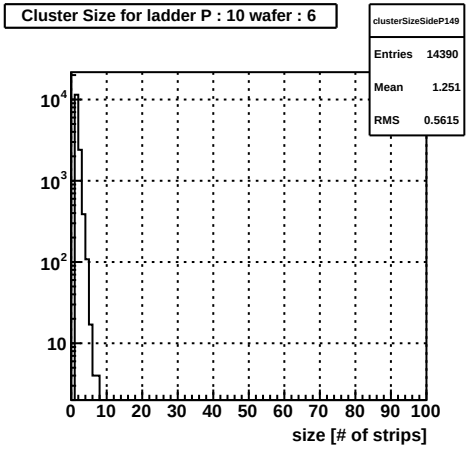

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 12195
Mean 1.254
RMS 0.5632
size [# of strips]

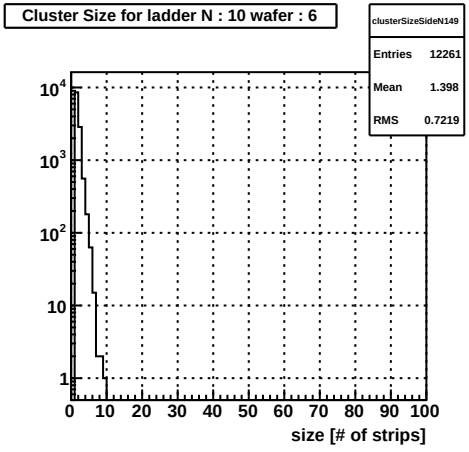

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 6332
Mean 1.48
RMS 0.778
size [# of strips]

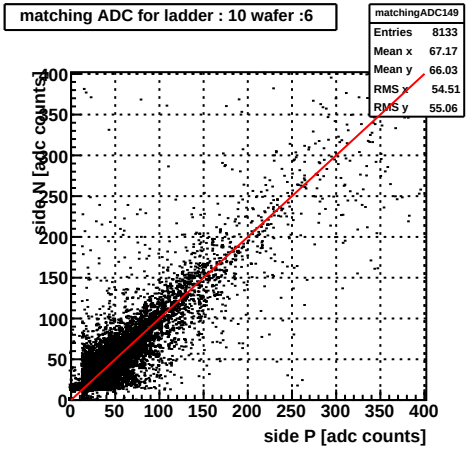

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 4764
Mean x 74.71
Mean y 71.72
RMS x 56.57
RMS y 56.2
side N [adc counts]
side P [adc counts]

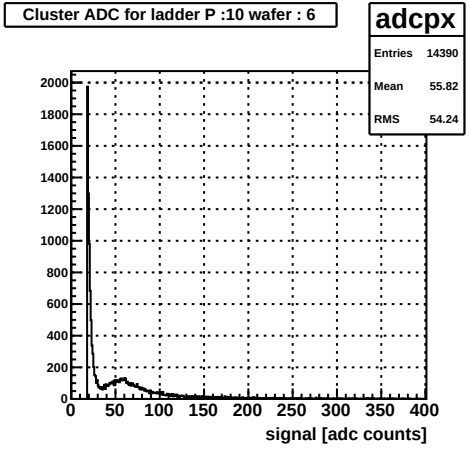

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 12195
Mean 60.7
RMS 57.32
signal [adc counts]

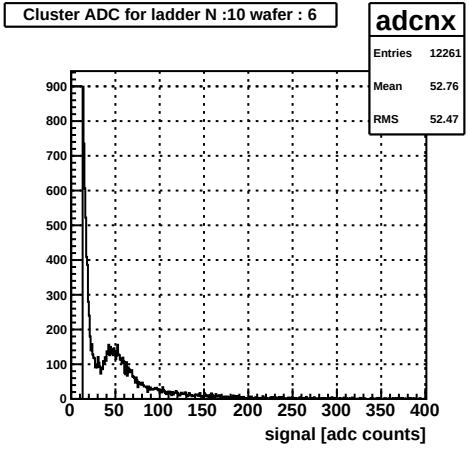

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 6332
Mean 66.4
RMS 58.62
signal [adc counts]

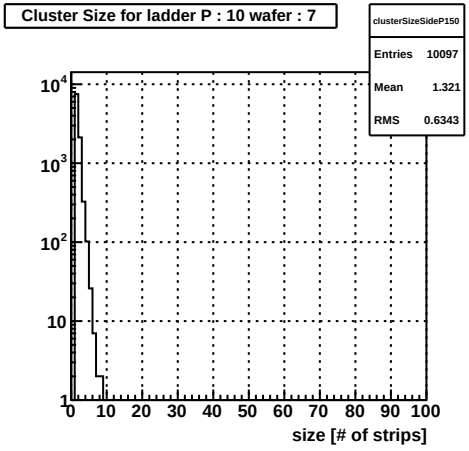

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 14390
Mean 1.251
RMS 0.5615
size [# of strips]

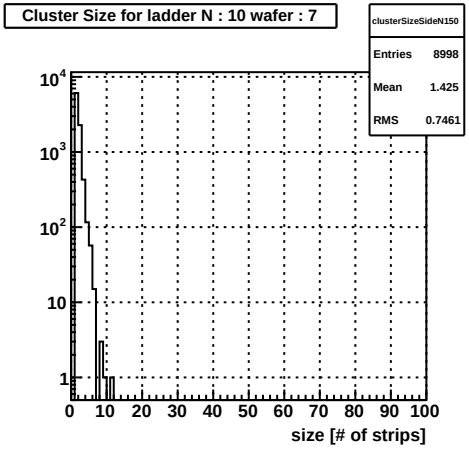

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 12261
Mean 1.398
RMS 0.7219
size [# of strips]

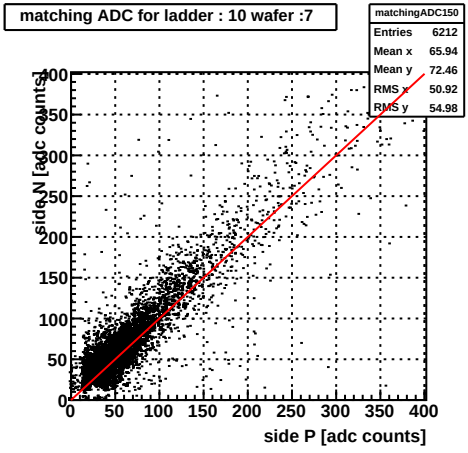

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 8133
Mean x 67.17
Mean y 66.03
RMS x 54.51
RMS y 55.06
side N [adc counts]
side P [adc counts]

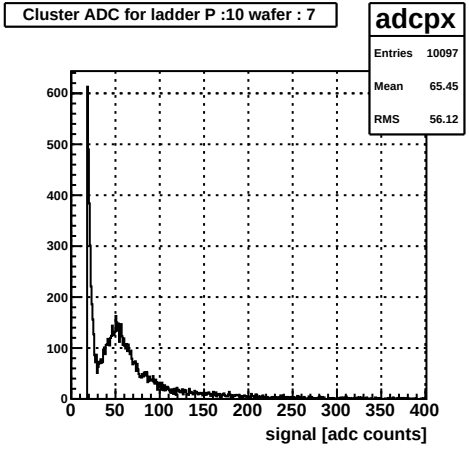

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 14390
Mean 55.82
RMS 54.24
signal [adc counts]

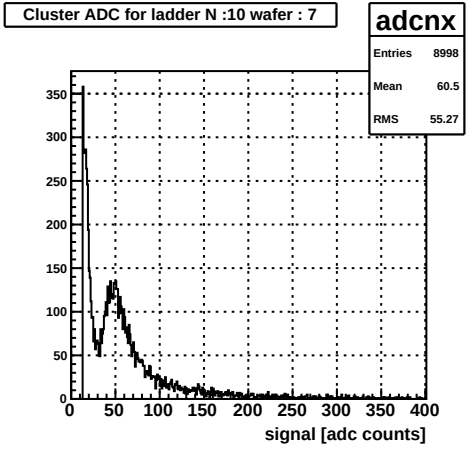

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 12261
Mean 52.76
RMS 52.47
signal [adc counts]

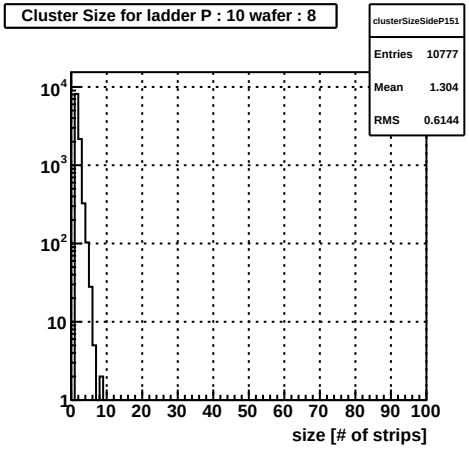

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10097
Mean 1.321
RMS 0.6343
size [# of strips]

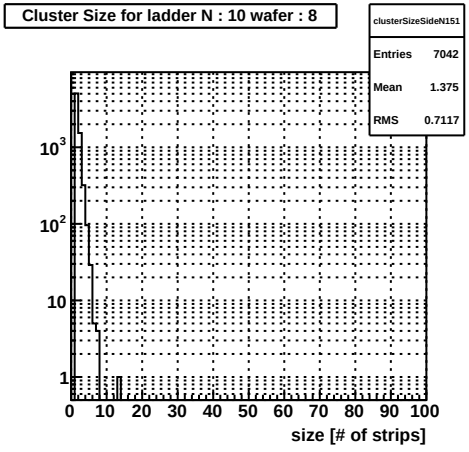

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 8998
Mean 1.425
RMS 0.7461
size [# of strips]

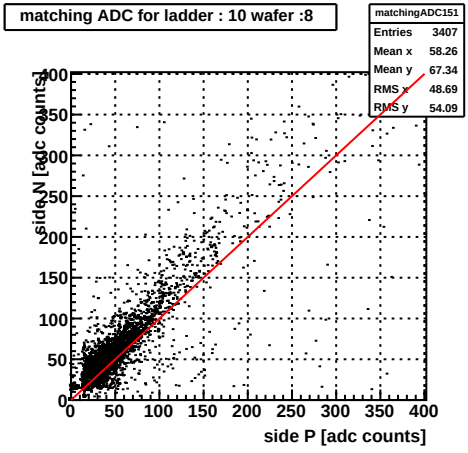

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 6212
Mean x 65.94
Mean y 72.46
RMS x 50.92
RMS y 54.98
side N [adc counts]
side P [adc counts]

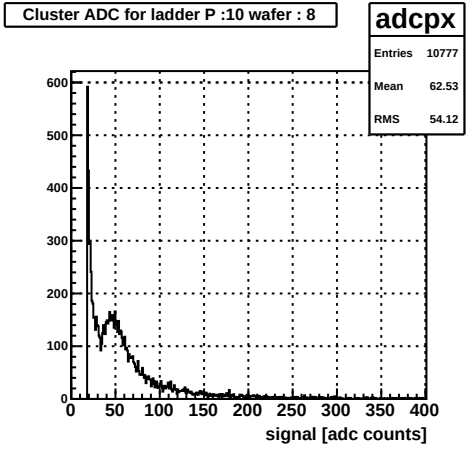

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10097
Mean 65.45
RMS 56.12
signal [adc counts]

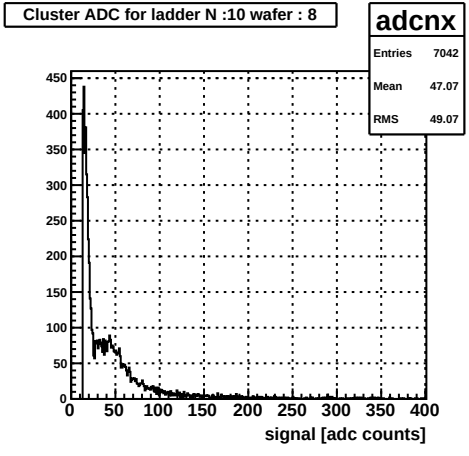

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 8998
Mean 60.5
RMS 55.27
signal [adc counts]

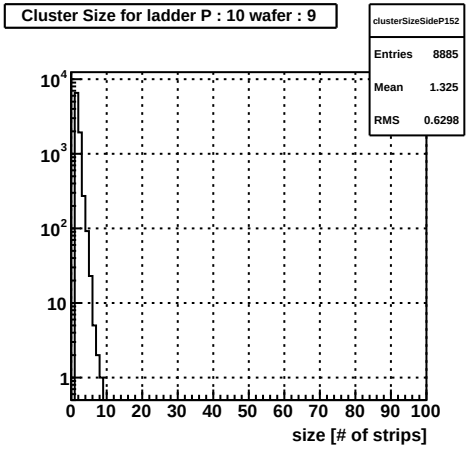

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 10777
Mean 1.304
RMS 0.6144
size [# of strips]

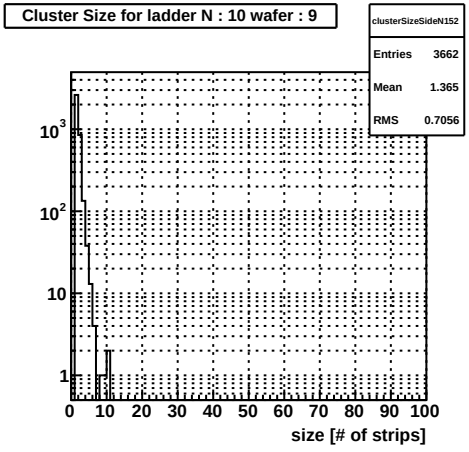

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 7042
Mean 1.375
RMS 0.7117
size [# of strips]

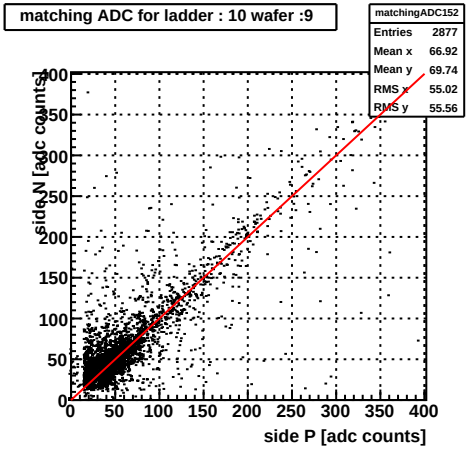

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 3407
Mean x 58.26
Mean y 67.34
RMS x 48.69
RMS y 54.09
side N [adc counts]
side P [adc counts]

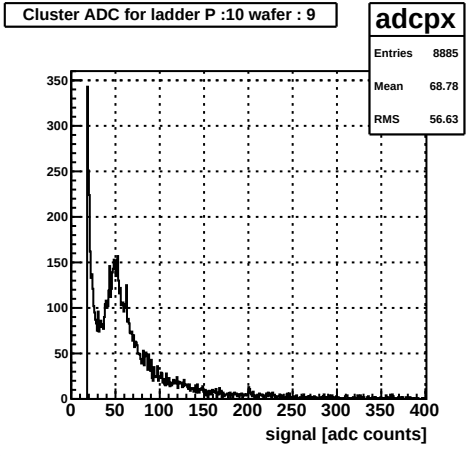

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 10777
Mean 62.53
RMS 54.12
signal [adc counts]

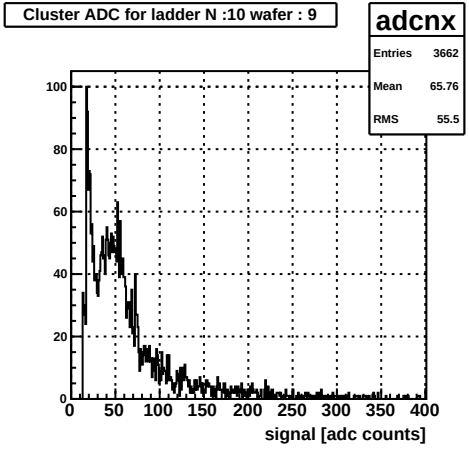

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 7042
Mean 47.07
RMS 49.07
signal [adc counts]

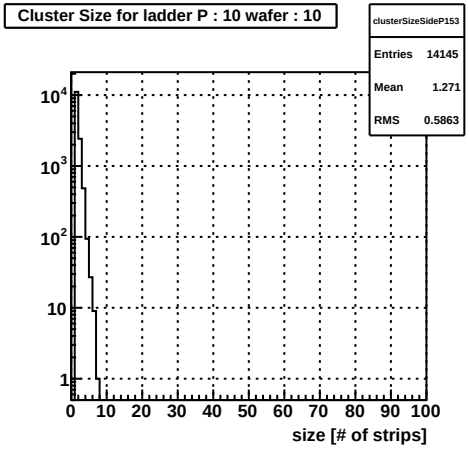

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 8885
Mean 1.325
RMS 0.6298
size [# of strips]

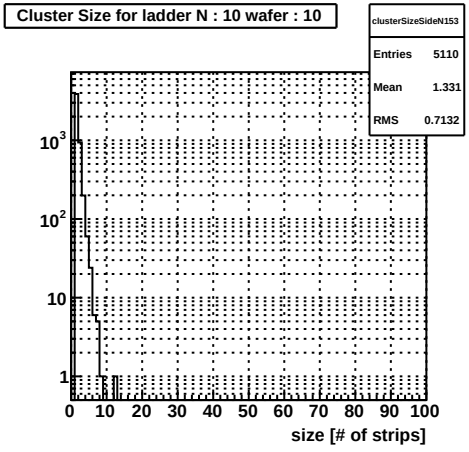

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 3662
Mean 1.365
RMS 0.7056
size [# of strips]

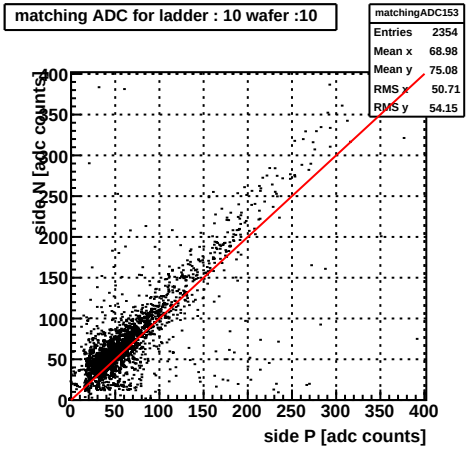

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 2877
Mean x 66.92
Mean y 69.74
RMS x 55.02
RMS y 55.56
side N [adc counts]
side P [adc counts]

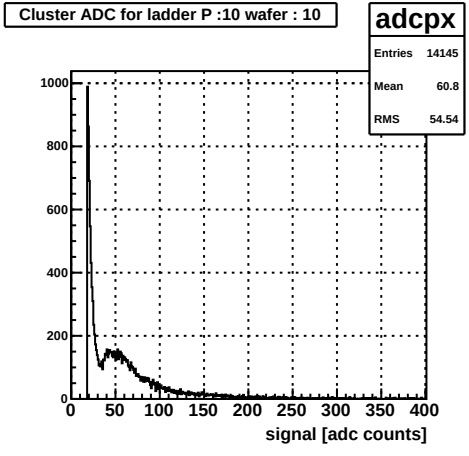

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 8885
Mean 68.78
RMS 56.63
signal [adc counts]

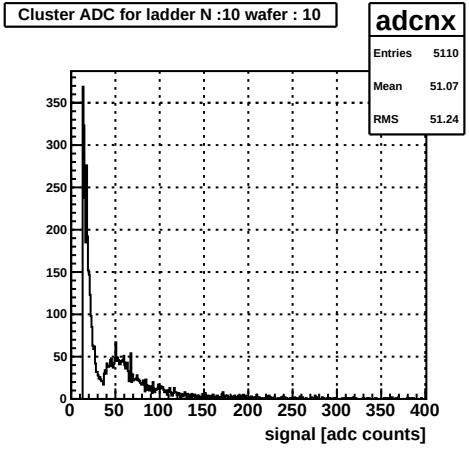

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 3662
Mean 65.76
RMS 55.5
signal [adc counts]

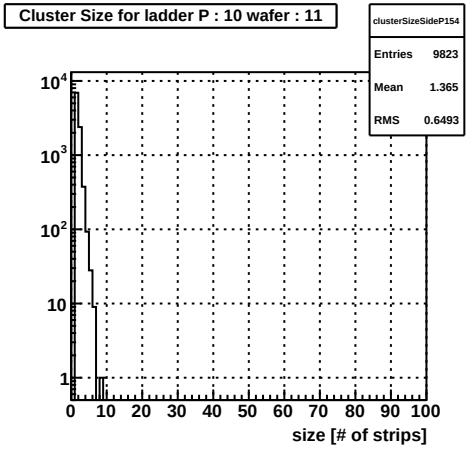

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 14145
Mean 1.271
RMS 0.5863
size [# of strips]

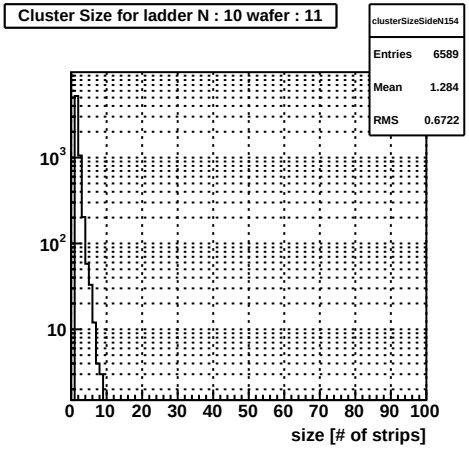

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5110
Mean 1.331
RMS 0.7132
size [# of strips]

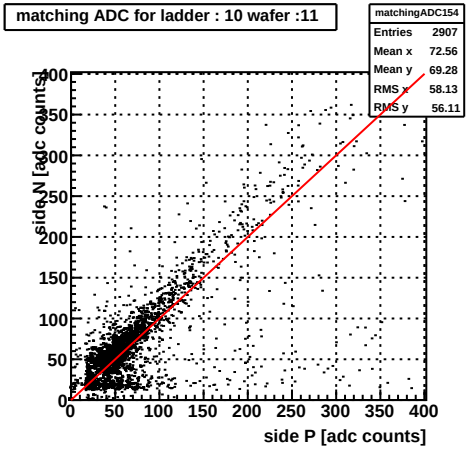

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2354
Mean x 68.98
Mean y 75.08
RMS x 50.71
RMS y 54.15
side N [adc counts]
side P [adc counts]

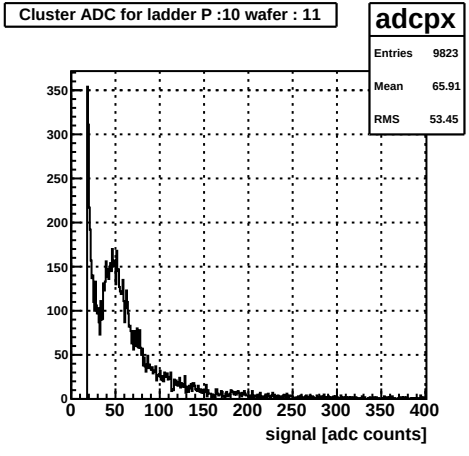

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 14145
Mean 60.8
RMS 54.54
signal [adc counts]

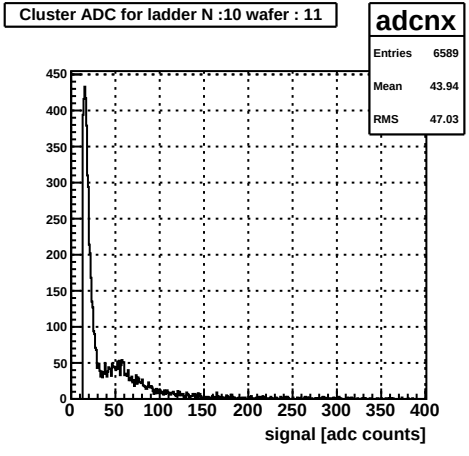

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5110
Mean 51.07
RMS 51.24
signal [adc counts]

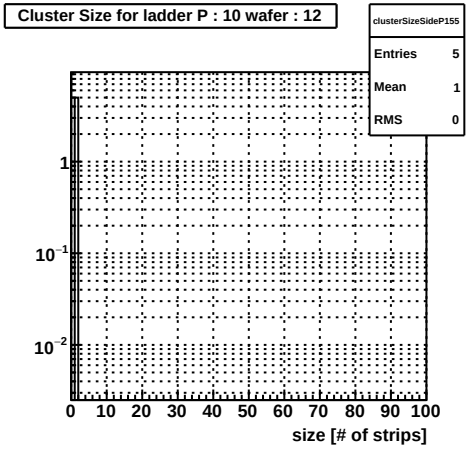

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 9823
Mean 1.365
RMS 0.6493
size [# of strips]

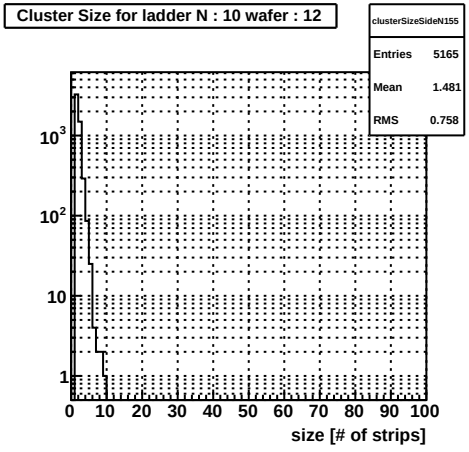

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6589
Mean 1.284
RMS 0.6722
size [# of strips]

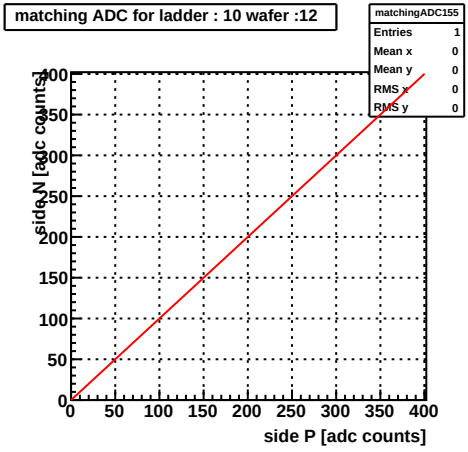

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 2907
Mean x 72.56
Mean y 69.28
RMS x 58.13
RMS y 56.11
side N [adc counts]
side P [adc counts]

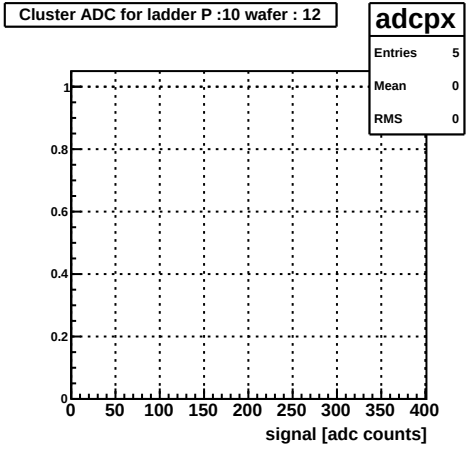

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 9823
Mean 65.91
RMS 53.45
signal [adc counts]

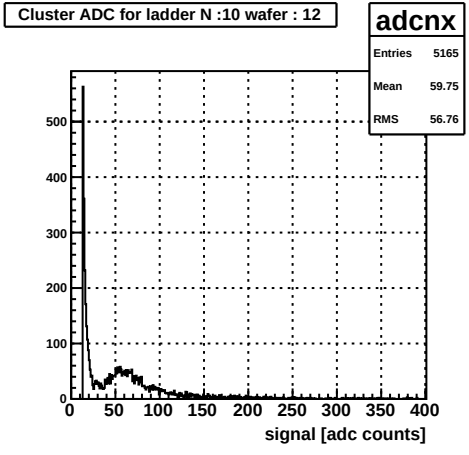

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6589
Mean 43.94
RMS 47.03
signal [adc counts]

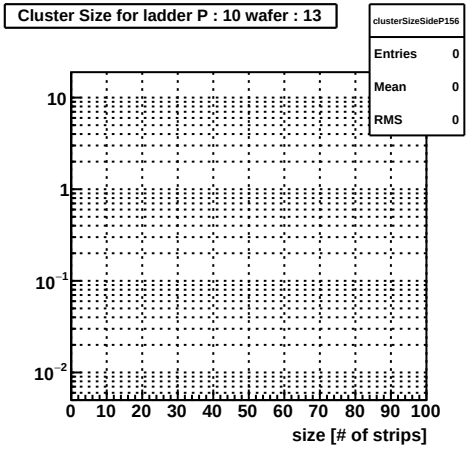

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 5
Mean 1
RMS 0
size [# of strips]

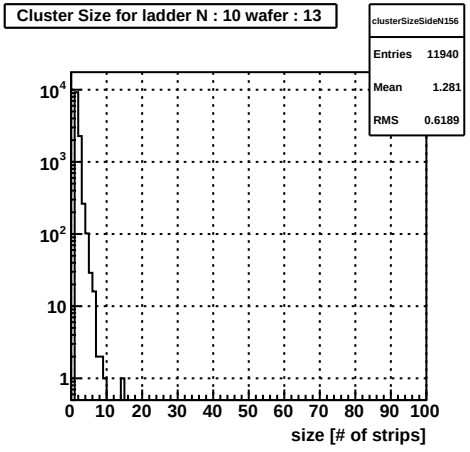

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 5165
Mean 1.481
RMS 0.758
size [# of strips]

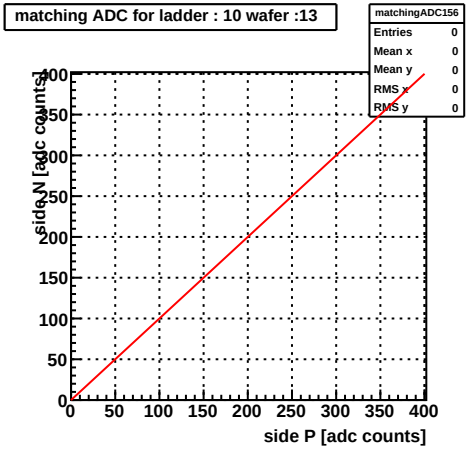

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

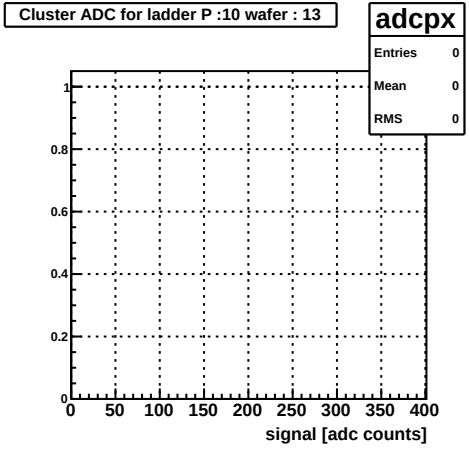

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

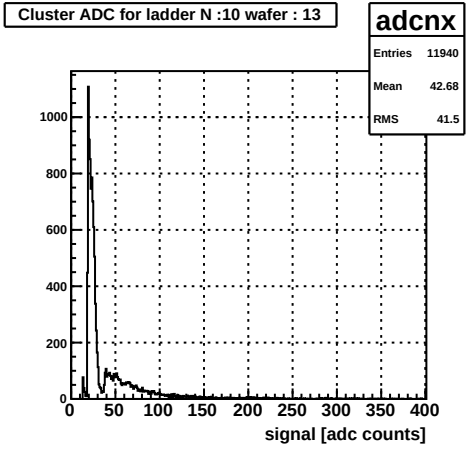

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 5165
Mean 59.75
RMS 56.76
signal [adc counts]

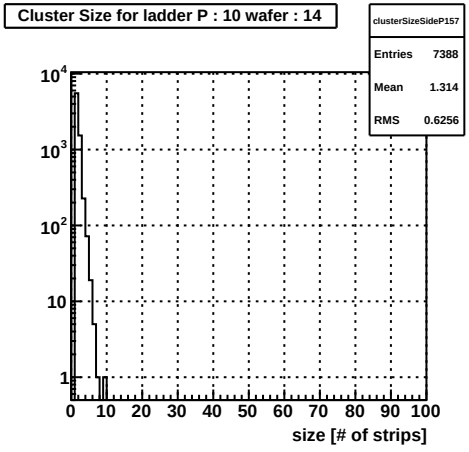

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

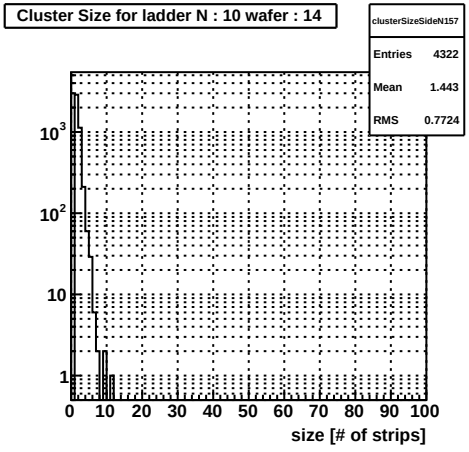

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 11940
Mean 1.281
RMS 0.6189
size [# of strips]

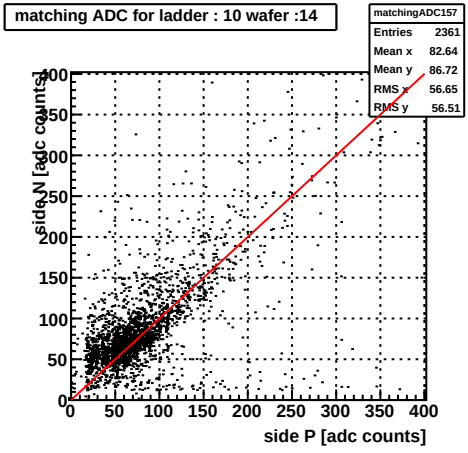

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

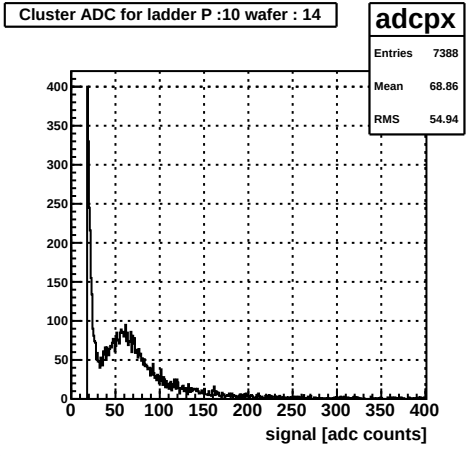

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

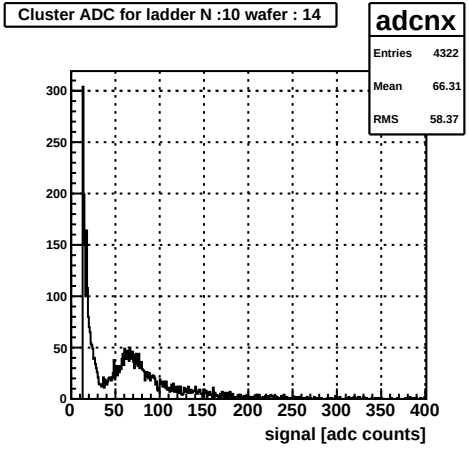

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 11940
Mean 42.68
RMS 41.5
signal [adc counts]

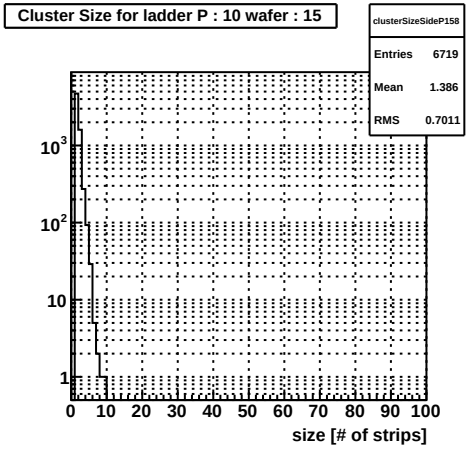

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 7388
Mean 1.314
RMS 0.6256
size [# of strips]

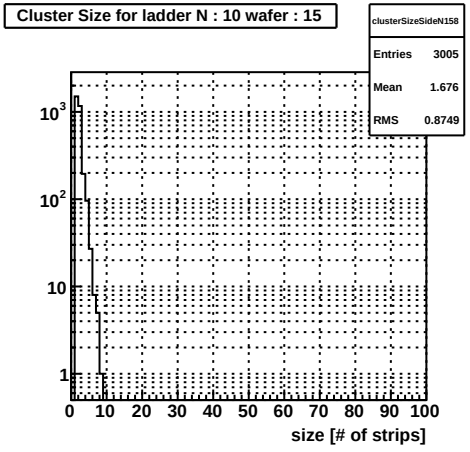

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4322
Mean 1.443
RMS 0.7724
size [# of strips]

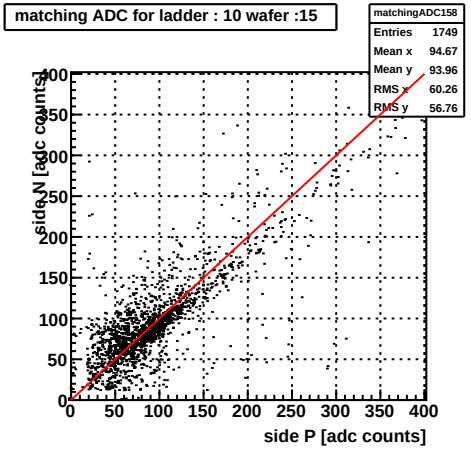

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2361
Mean x 82.64
Mean y 86.72
RMS x 56.65
RMS y 56.51
side N [adc counts]
side P [adc counts]

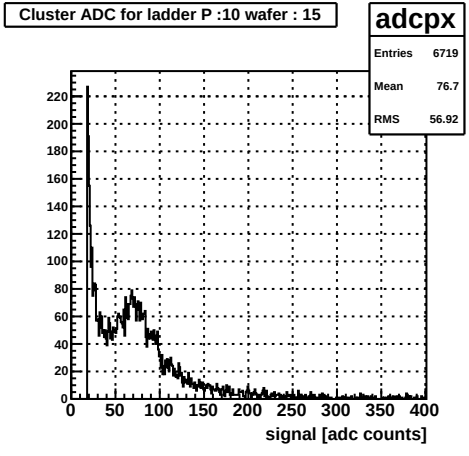

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 7388
Mean 68.86
RMS 54.94
signal [adc counts]

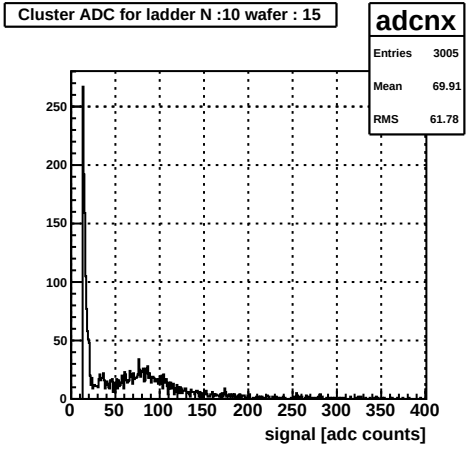

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4322
Mean 66.31
RMS 58.37
signal [adc counts]

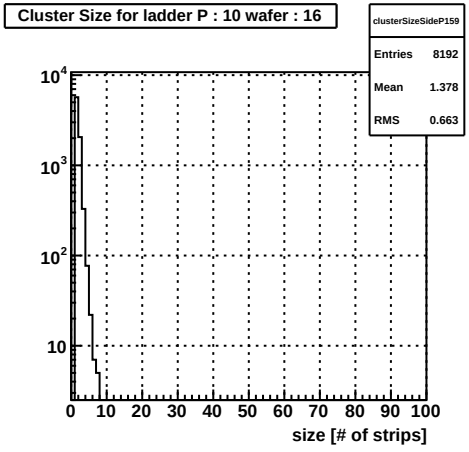

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 6719
Mean 1.386
RMS 0.7011
size [# of strips]

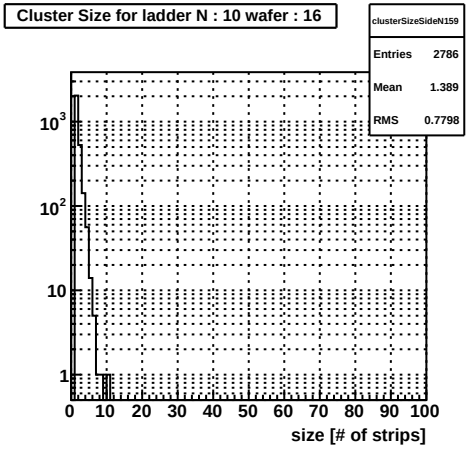

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 3005
Mean 1.676
RMS 0.8749
size [# of strips]

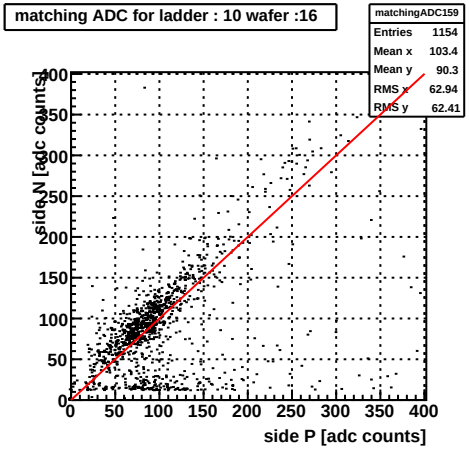

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1749
Mean x 94.67
Mean y 93.96
RMS x 60.26
RMS y 56.76
side N [adc counts]
side P [adc counts]

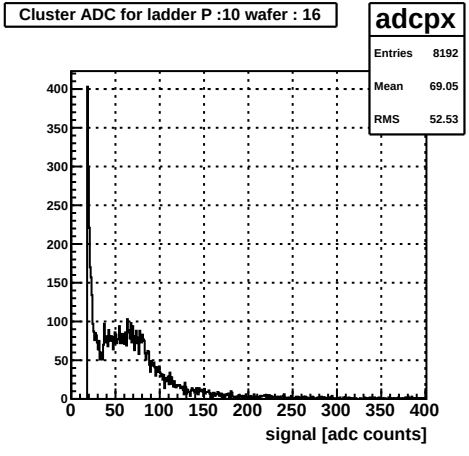

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 6719
Mean 76.7
RMS 56.92
signal [adc counts]

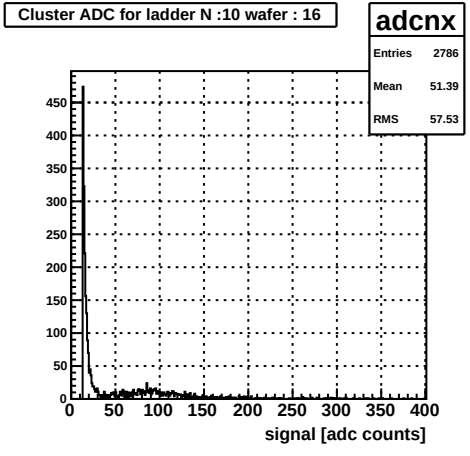

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 3005
Mean 69.91
RMS 61.78
signal [adc counts]

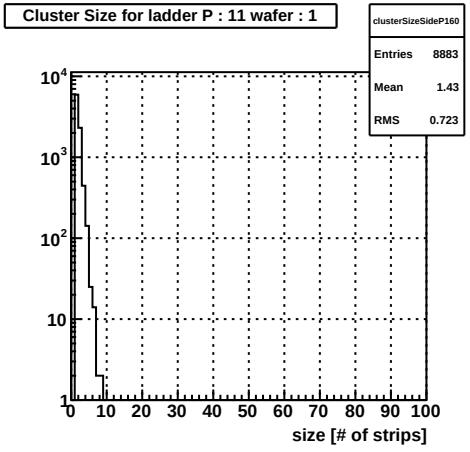

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 8192
Mean 1.378
RMS 0.663
size [# of strips]

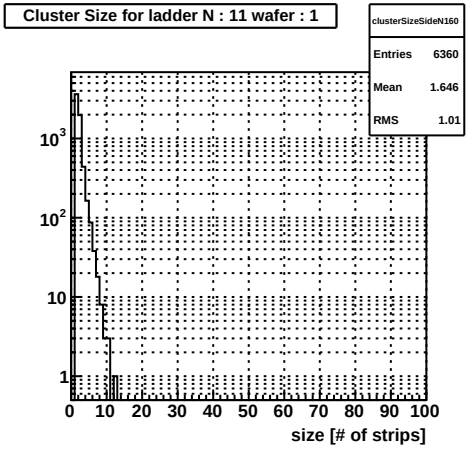

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2786
Mean 1.389
RMS 0.7798
size [# of strips]

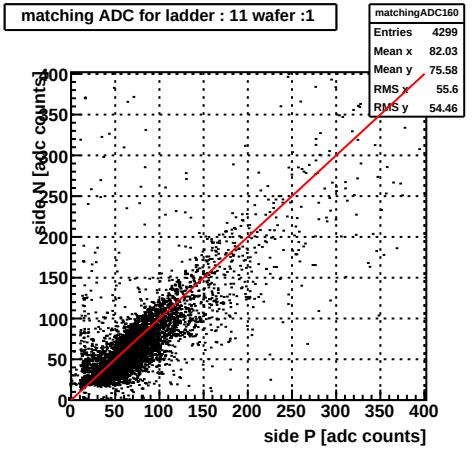

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1154
Mean x 103.4
Mean y 90.3
RMS x 62.94
RMS y 62.41
side N [adc counts]
side P [adc counts]

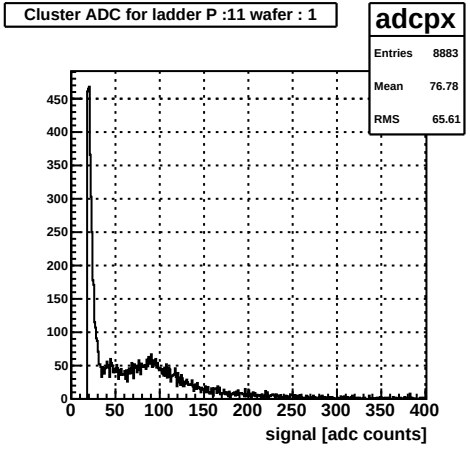

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 8192
Mean 69.05
RMS 52.53
signal [adc counts]

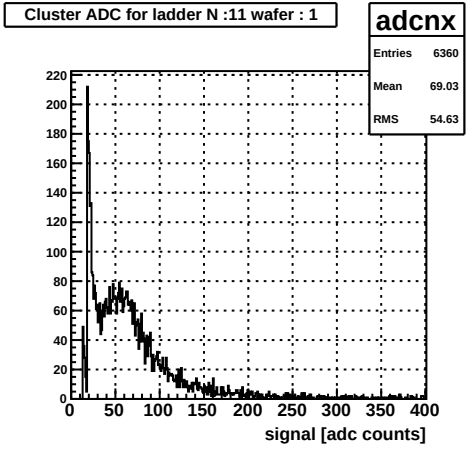

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2786
Mean 51.39
RMS 57.53
signal [adc counts]

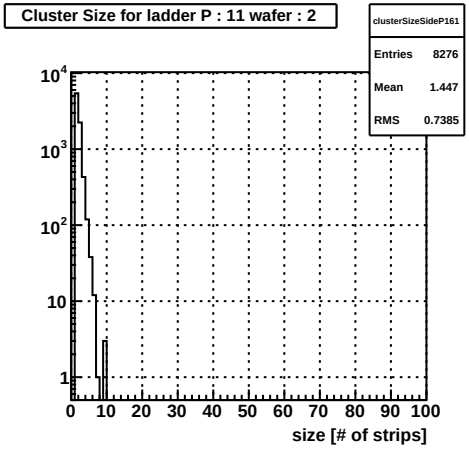

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8883
Mean 1.43
RMS 0.723
size [# of strips]

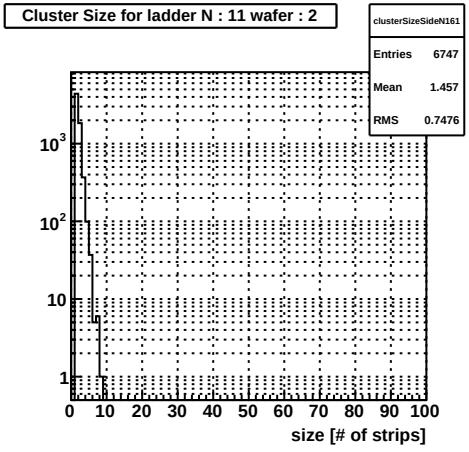

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 6360
Mean 1.646
RMS 1.01
size [# of strips]

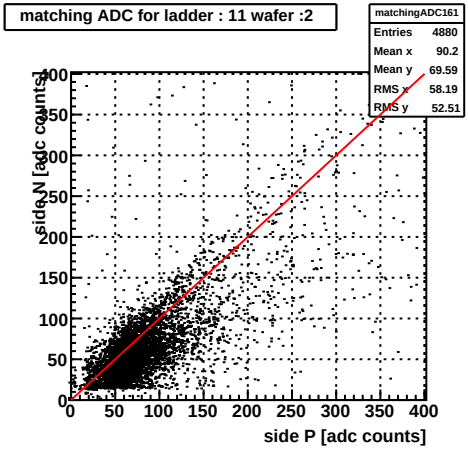

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 4299
Mean x 82.03
Mean y 75.58
RMS x 55.6
RMS y 54.46
side N [adc counts]
side P [adc counts]

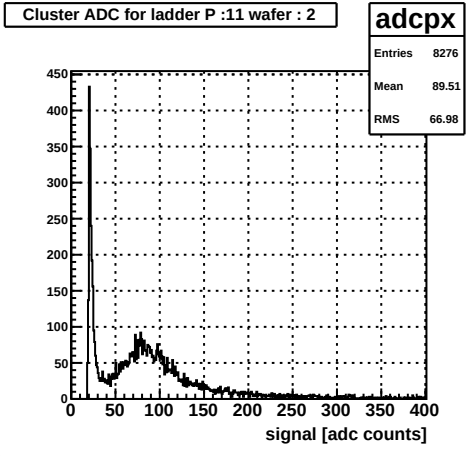

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8883
Mean 76.78
RMS 65.61
signal [adc counts]

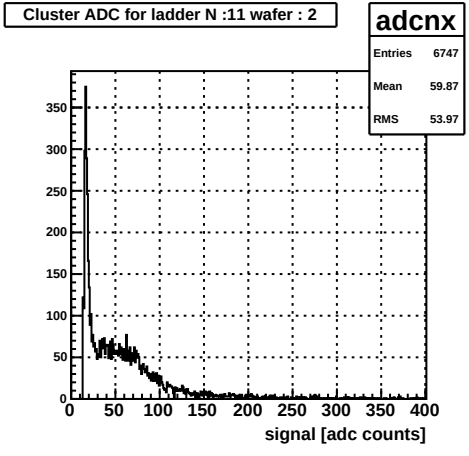

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 6360
Mean 69.03
RMS 54.63
signal [adc counts]

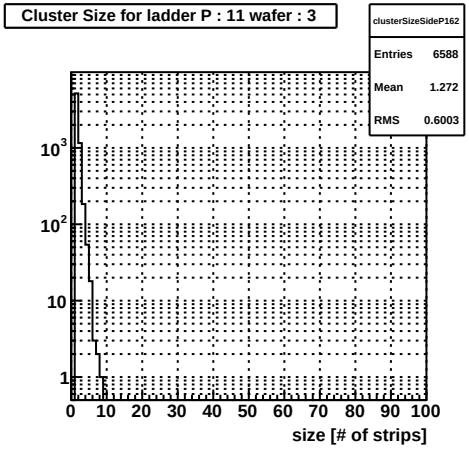

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 8276
Mean 1.447
RMS 0.7385
size [# of strips]

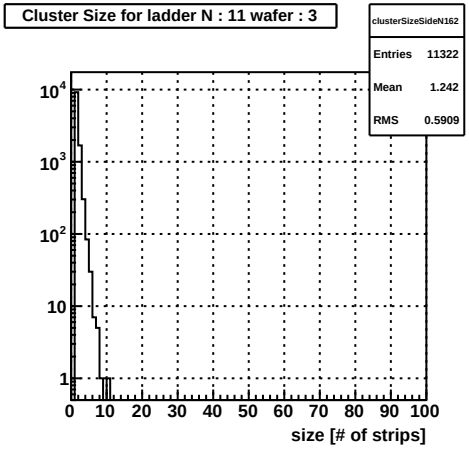

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 6747
Mean 1.457
RMS 0.7476
size [# of strips]

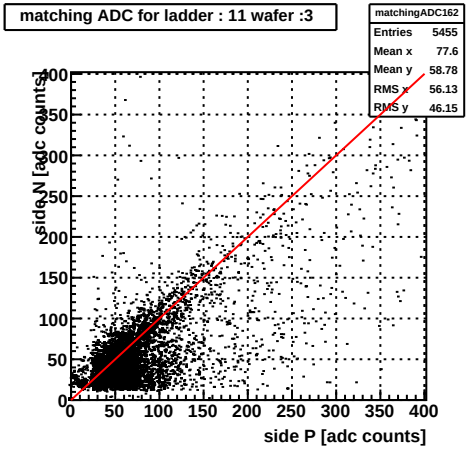

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 4880
Mean x 90.2
Mean y 69.59
RMS x 58.19
RMS y 52.51
side N [adc counts]
side P [adc counts]

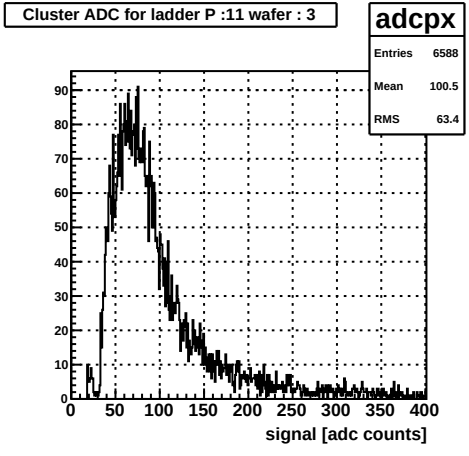

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 8276
Mean 89.51
RMS 66.98
signal [adc counts]

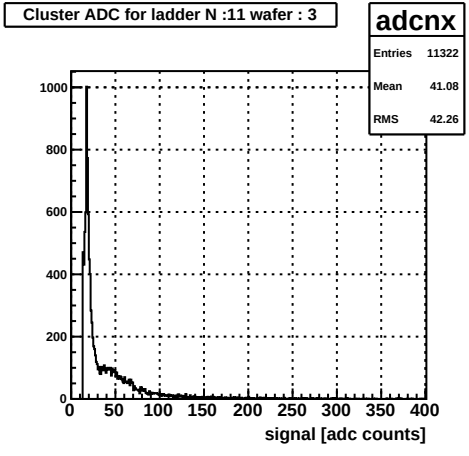

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 6747
Mean 59.87
RMS 53.97
signal [adc counts]

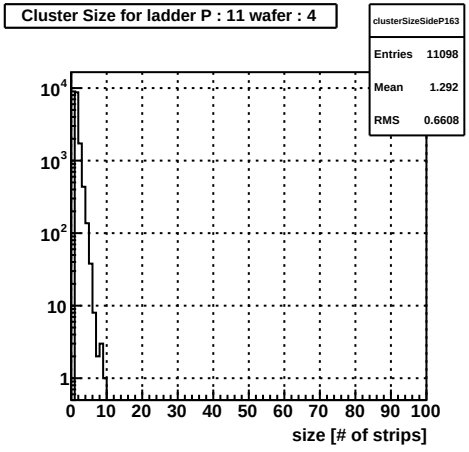

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 6588
Mean 1.272
RMS 0.6003
size [# of strips]

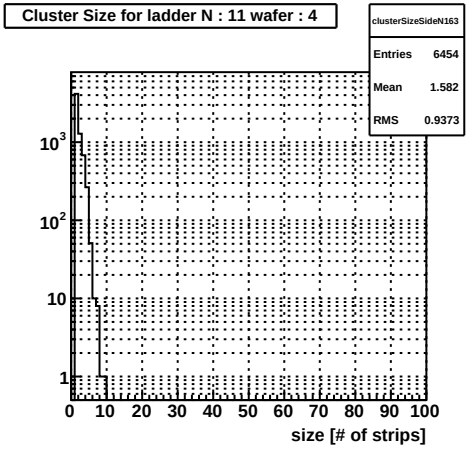

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 11322
Mean 1.242
RMS 0.5909
size [# of strips]

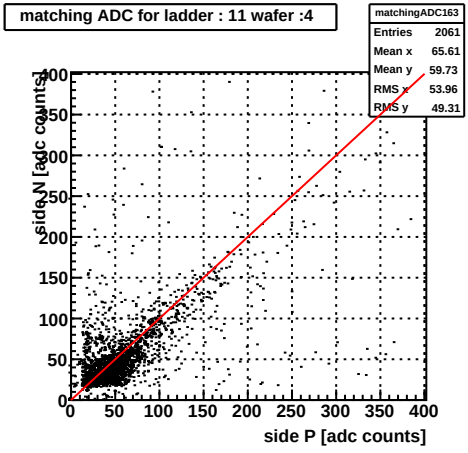

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 5455
Mean x 77.6
Mean y 58.78
RMS x 56.13
RMS y 46.15
side N [adc counts]
side P [adc counts]

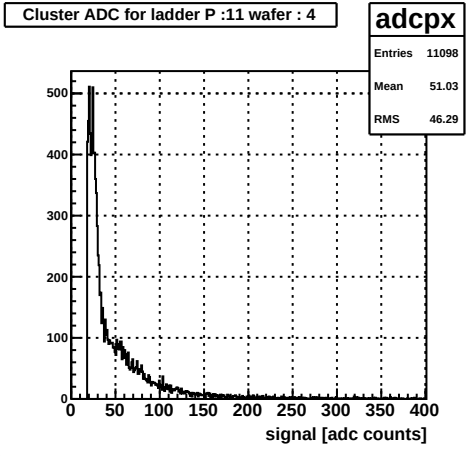

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 6588
Mean 100.5
RMS 63.4
signal [adc counts]

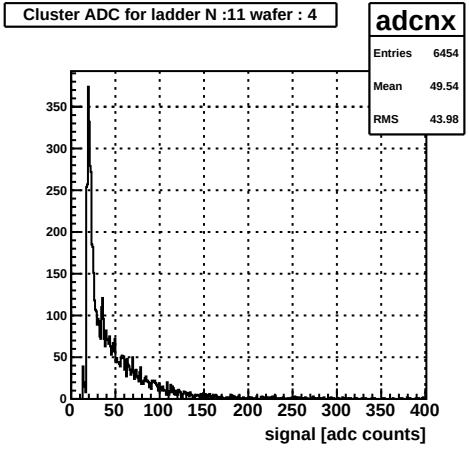

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 11322
Mean 41.08
RMS 42.26
signal [adc counts]

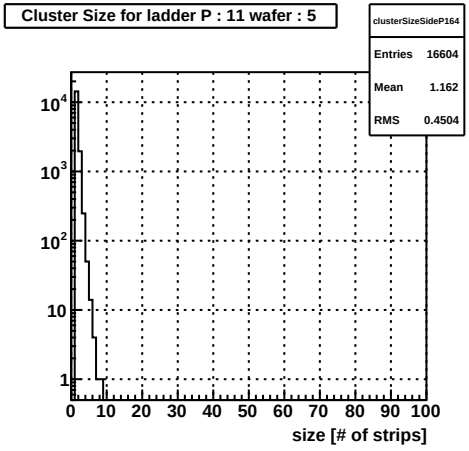

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 11098
Mean 1.292
RMS 0.6608
size [# of strips]

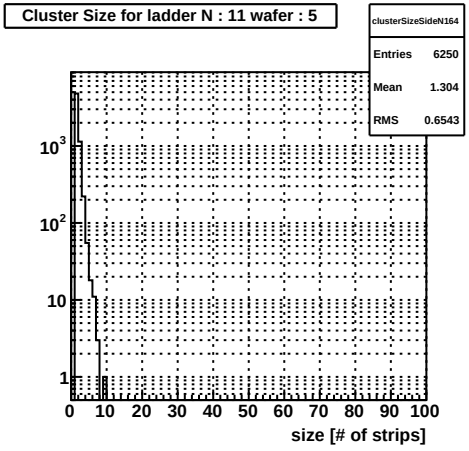

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6454
Mean 1.582
RMS 0.9373
size [# of strips]

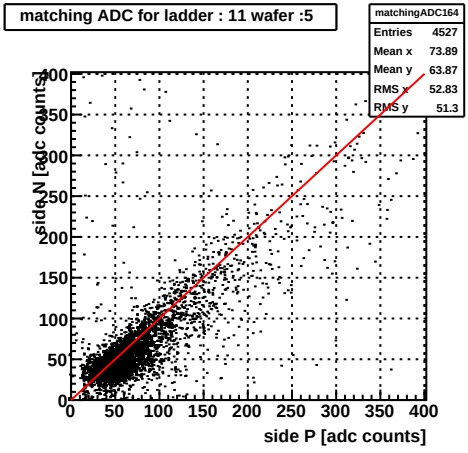

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 2061
Mean x 65.61
Mean y 59.73
RMS x 53.96
RMS y 49.31
side N [adc counts]
side P [adc counts]

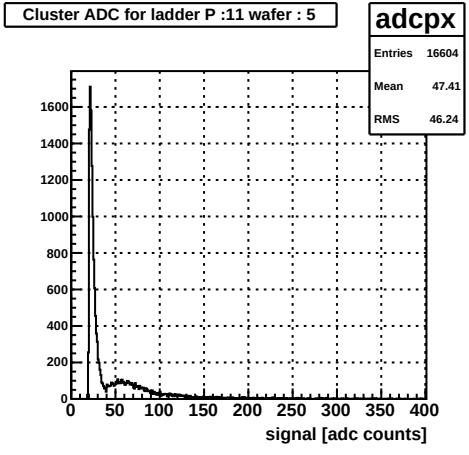

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 11098
Mean 51.03
RMS 46.29
signal [adc counts]

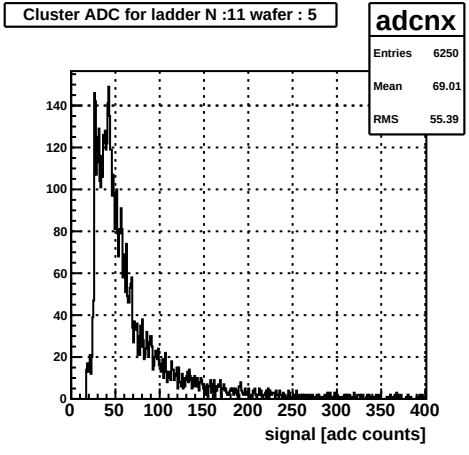

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6454
Mean 49.54
RMS 43.98
signal [adc counts]

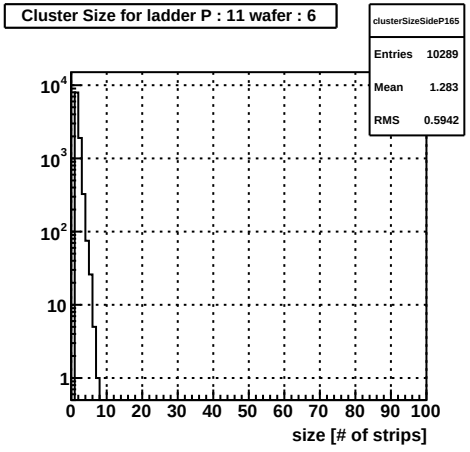

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16604
Mean 1.162
RMS 0.4504
size [# of strips]

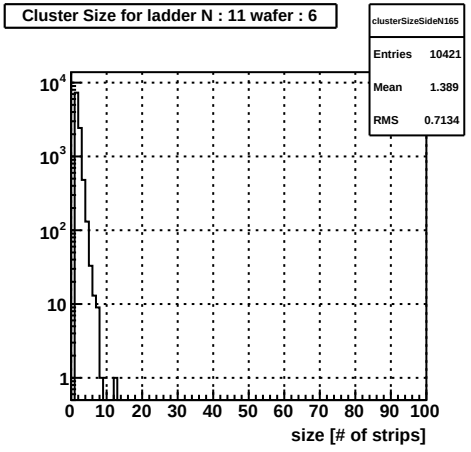

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 6250
Mean 1.304
RMS 0.6543
size [# of strips]

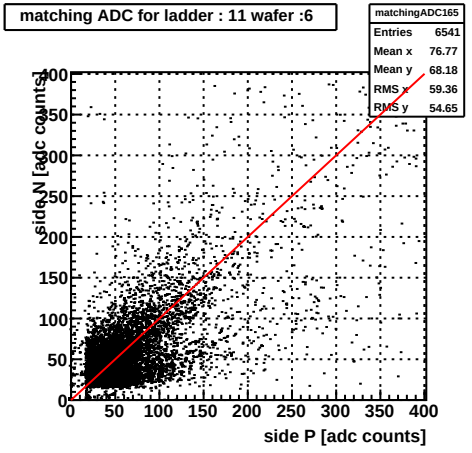

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 4527
Mean x 73.89
Mean y 63.87
RMS x 52.83
RMS y 51.3
side N [adc counts]
side P [adc counts]

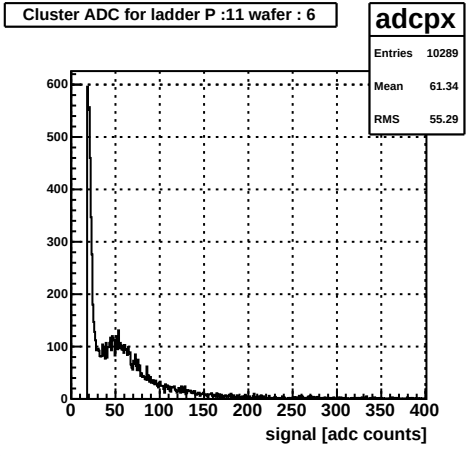

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16604
Mean 47.41
RMS 46.24
signal [adc counts]

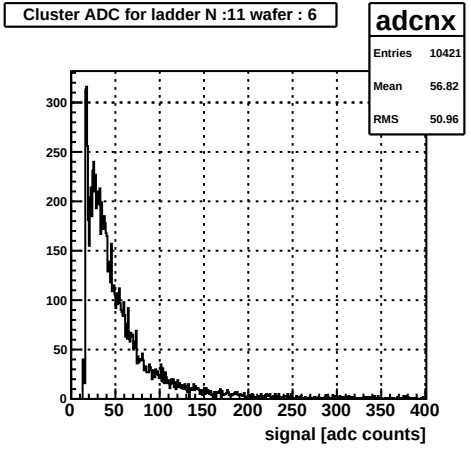

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 6250
Mean 69.01
RMS 55.39
signal [adc counts]

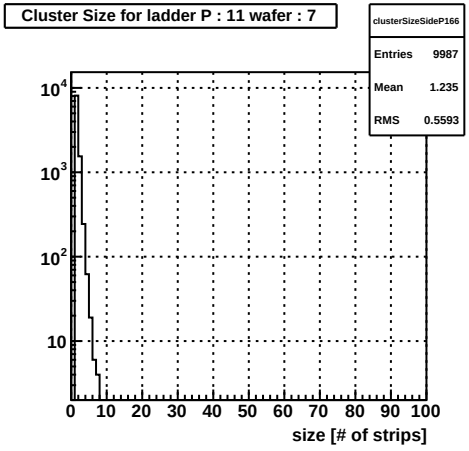

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 10289
Mean 1.283
RMS 0.5942
size [# of strips]

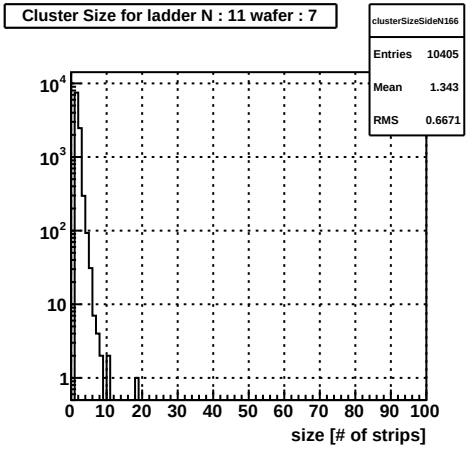

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 10421
Mean 1.389
RMS 0.7134
size [# of strips]

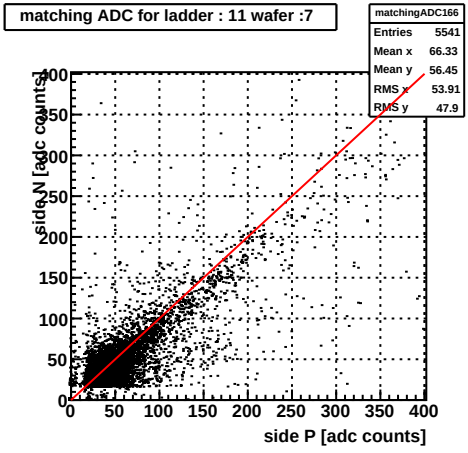

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 6541
Mean x 76.77
Mean y 68.18
RMS x 59.36
RMS y 54.65
side N [adc counts]
side P [adc counts]

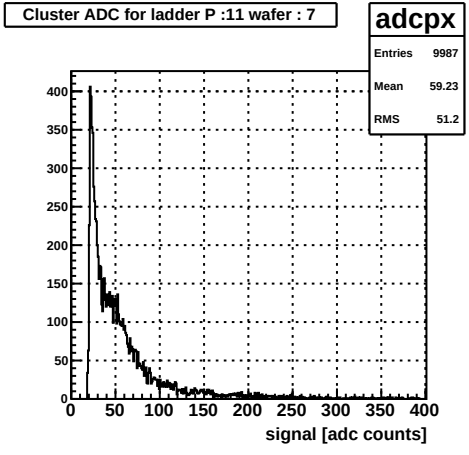

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 10289
Mean 61.34
RMS 55.29
signal [adc counts]

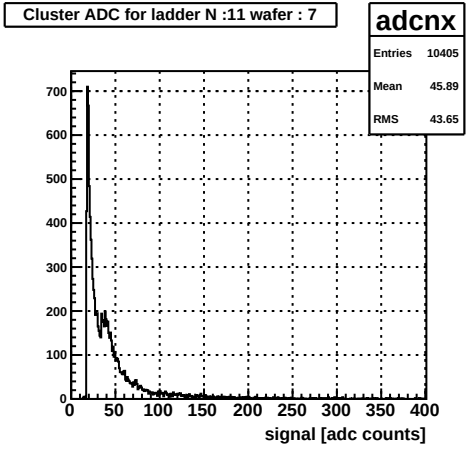

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 10421
Mean 56.82
RMS 50.96
signal [adc counts]

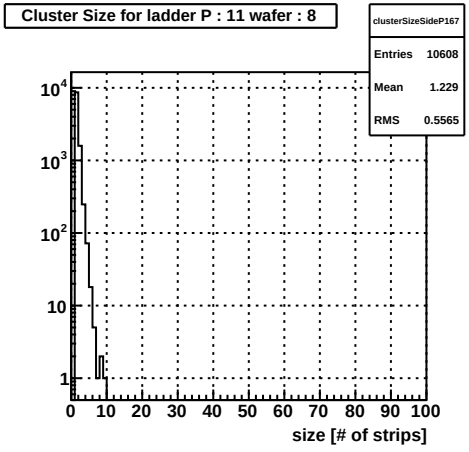

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9987
Mean 1.235
RMS 0.5593
size [# of strips]

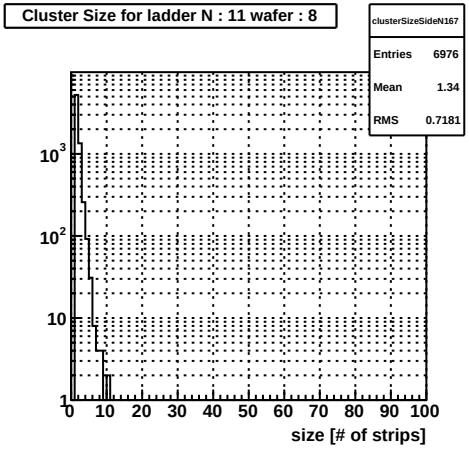

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 10405
Mean 1.343
RMS 0.6671
size [# of strips]

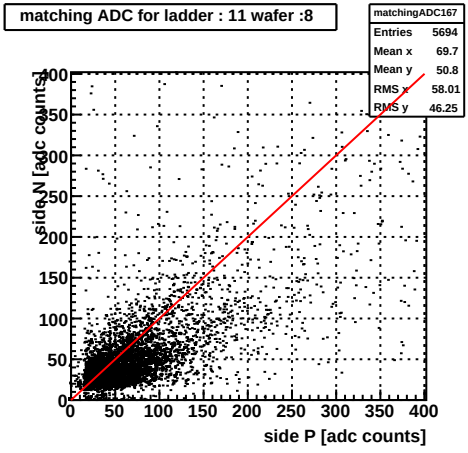

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 5541
Mean x 66.33
Mean y 56.45
RMS x 53.91
RMS y 47.9
side N [adc counts]
side P [adc counts]

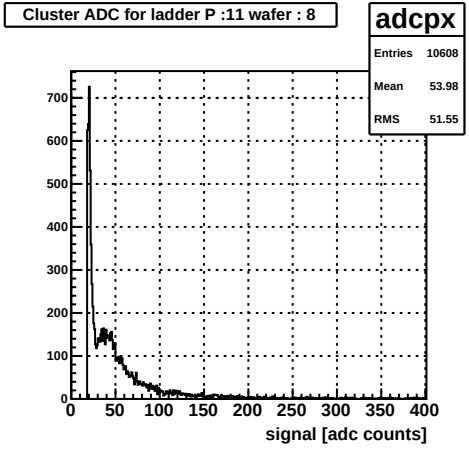

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9987
Mean 59.23
RMS 51.2
signal [adc counts]

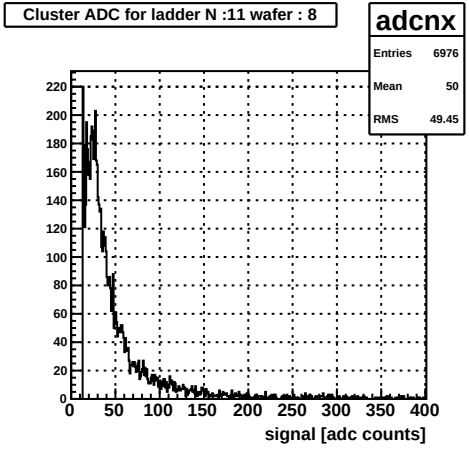

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 10405
Mean 45.89
RMS 43.65
signal [adc counts]

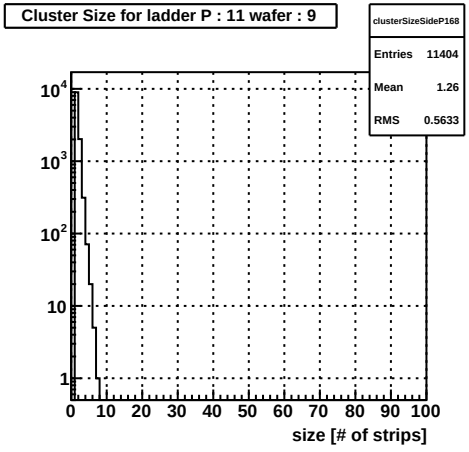

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10608
Mean 1.229
RMS 0.5565
size [# of strips]

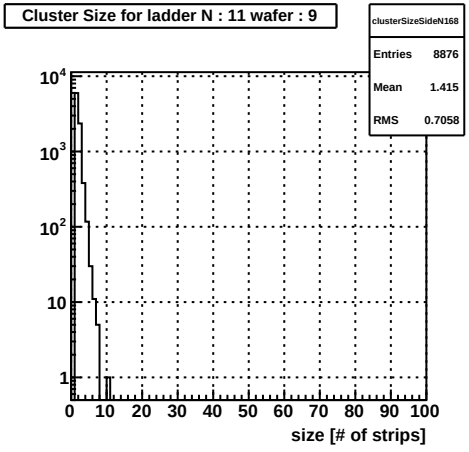

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 6976
Mean 1.34
RMS 0.7181
size [# of strips]

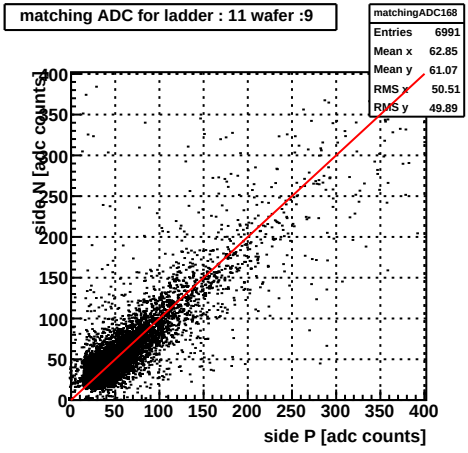

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 5694
Mean x 69.7
Mean y 50.8
RMS x 58.01
RMS y 46.25
side N [adc counts]
side P [adc counts]

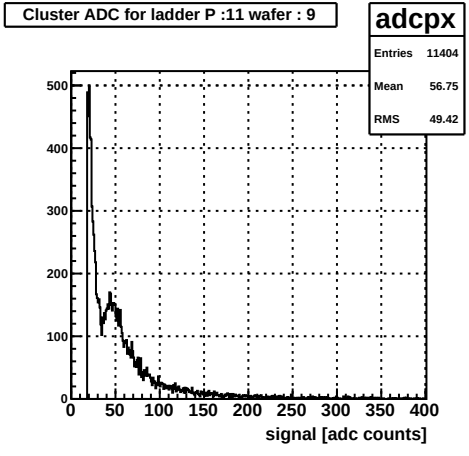

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10608
Mean 53.98
RMS 51.55
signal [adc counts]

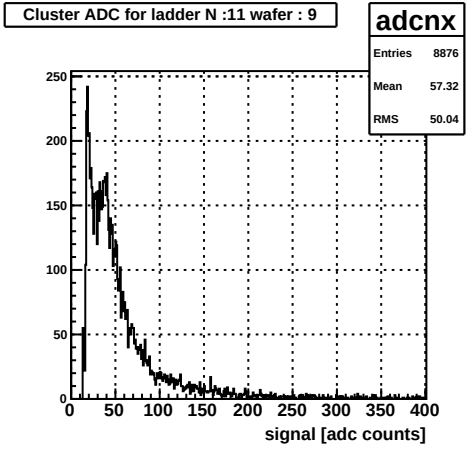

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 6976
Mean 50
RMS 49.45
signal [adc counts]

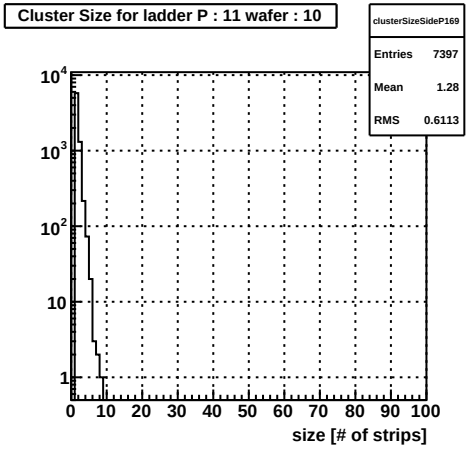

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 11404
Mean 1.26
RMS 0.5633
size [# of strips]

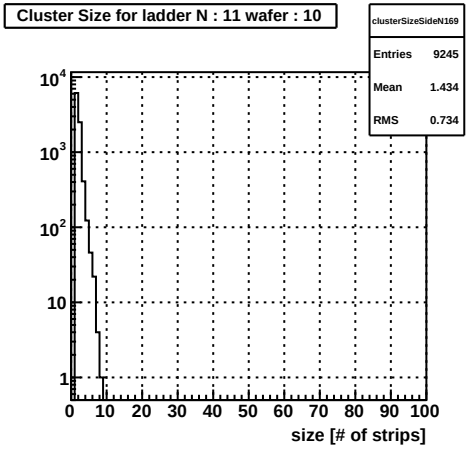

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 8876
Mean 1.415
RMS 0.7058
size [# of strips]

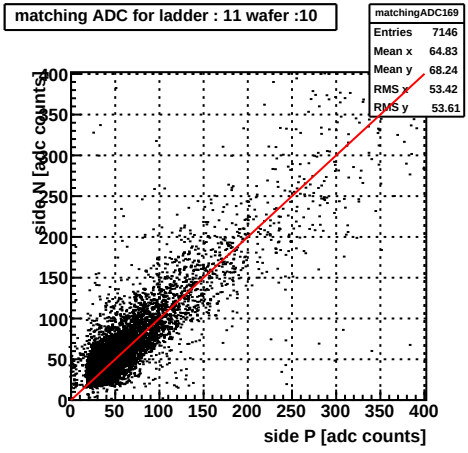

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 6991
Mean x 62.85
Mean y 61.07
RMS x 50.51
RMS y 49.89
side N [adc counts]
side P [adc counts]

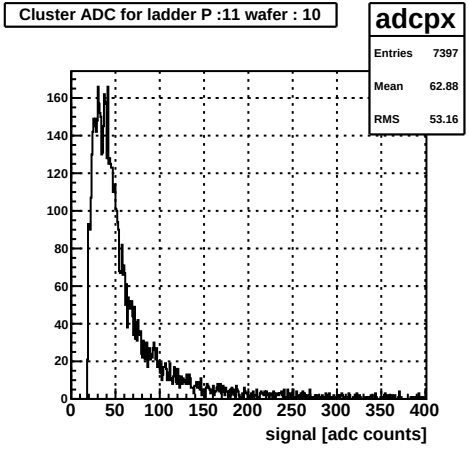

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 11404
Mean 56.75
RMS 49.42
signal [adc counts]

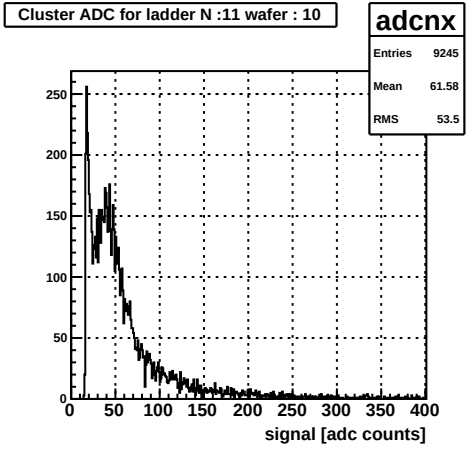

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 8876
Mean 57.32
RMS 50.04
signal [adc counts]

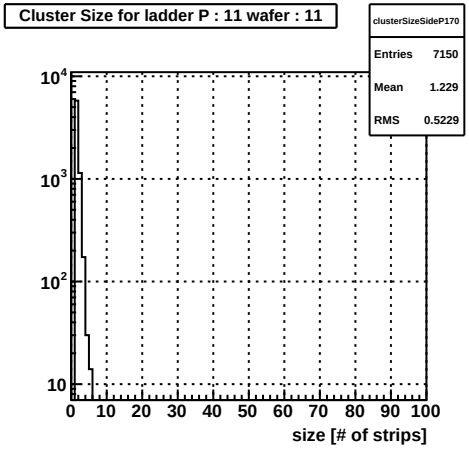

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 7397
Mean 1.28
RMS 0.6113
size [# of strips]

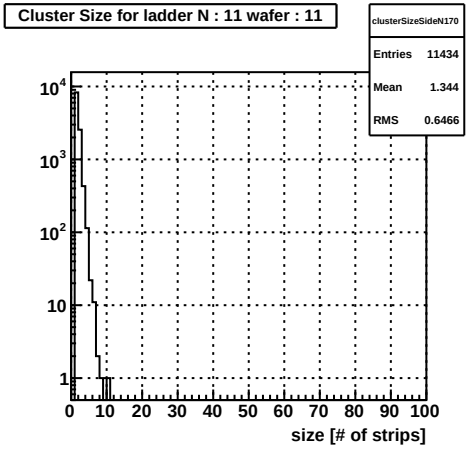

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 9245
Mean 1.434
RMS 0.734
size [# of strips]

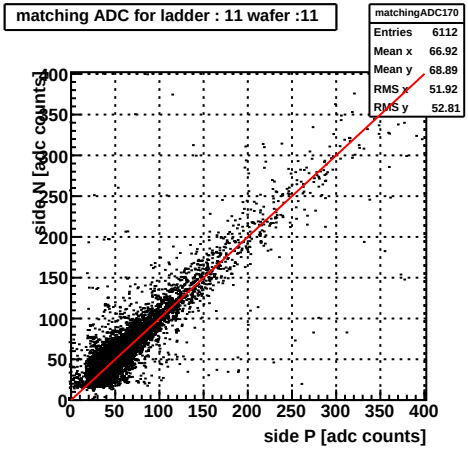

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 7146
Mean x 64.83
Mean y 68.24
RMS x 53.42
RMS y 53.61
side N [adc counts]
side P [adc counts]

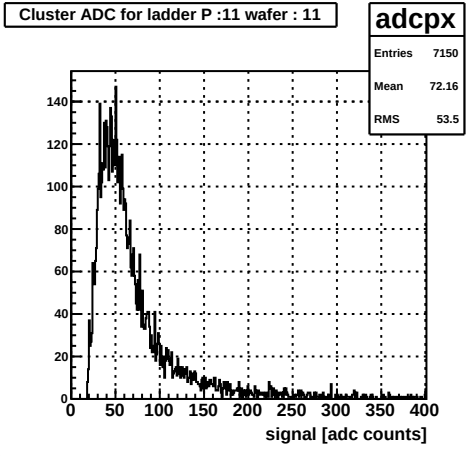

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 7397
Mean 62.88
RMS 53.16
signal [adc counts]

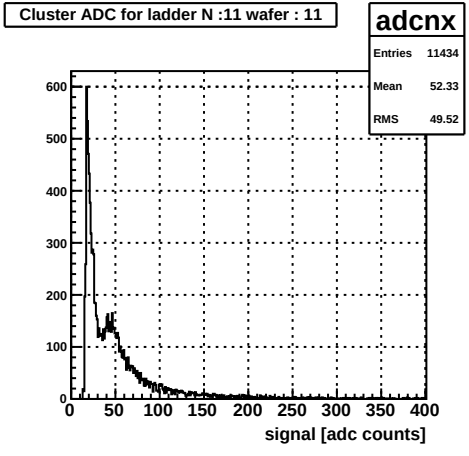

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 9245
Mean 61.58
RMS 53.5
signal [adc counts]

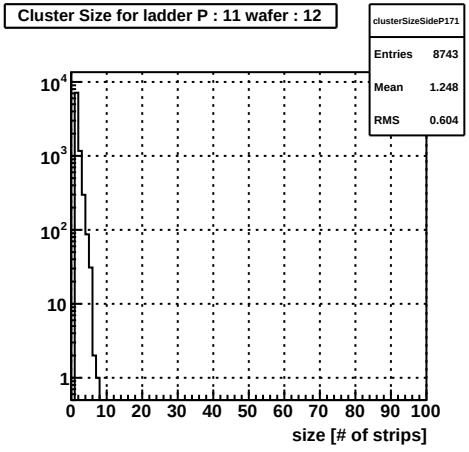

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 7150
Mean 1.229
RMS 0.5229
size [# of strips]

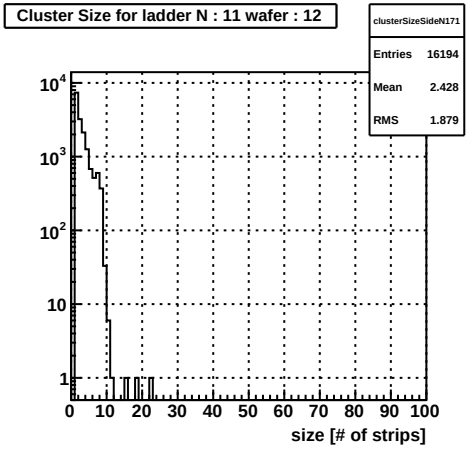

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 11434
Mean 1.344
RMS 0.6466
size [# of strips]

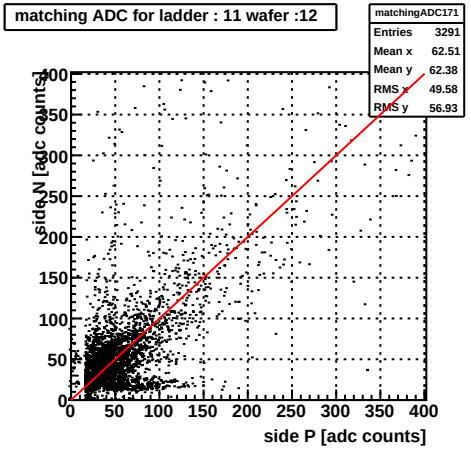

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 6112
Mean x 66.92
Mean y 68.89
RMS x 51.92
RMS y 52.81
side N [adc counts]
side P [adc counts]

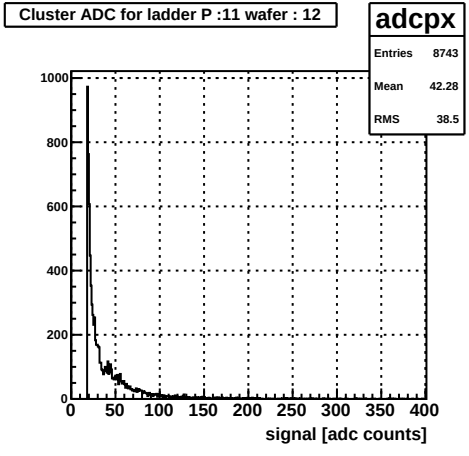

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 7150
Mean 72.16
RMS 53.5
signal [adc counts]

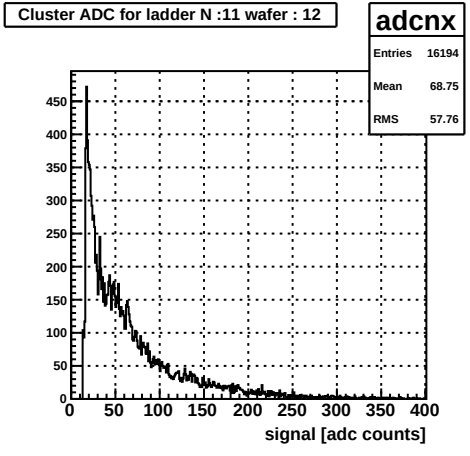

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 11434
Mean 52.33
RMS 49.52
signal [adc counts]

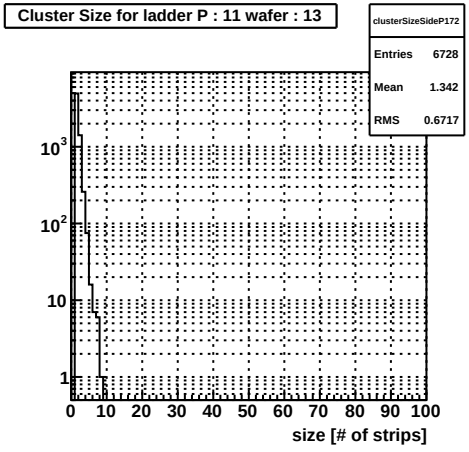

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8743
Mean 1.248
RMS 0.604
size [# of strips]

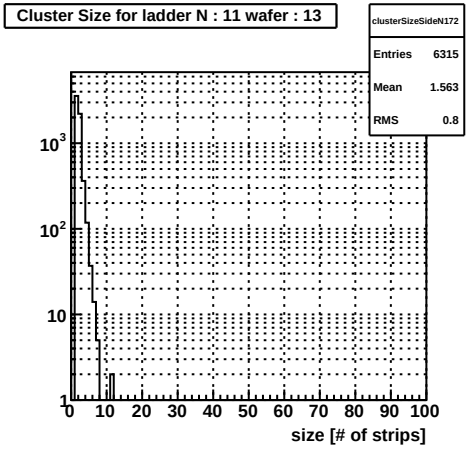

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16194
Mean 2.428
RMS 1.879
size [# of strips]

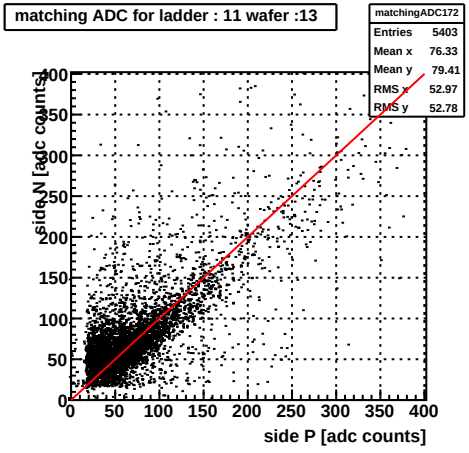

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3291
Mean x 62.51
Mean y 62.38
RMS x 49.58
RMS y 56.93
side N [adc counts]
side P [adc counts]

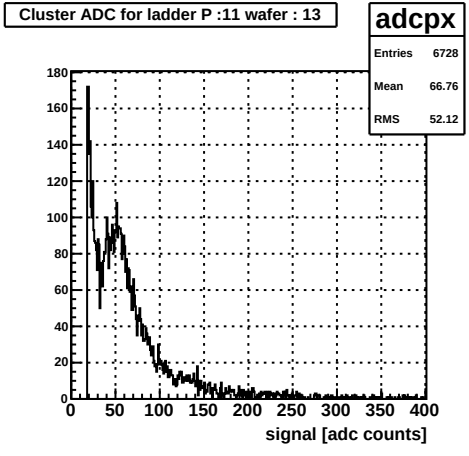

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8743
Mean 42.28
RMS 38.5
signal [adc counts]

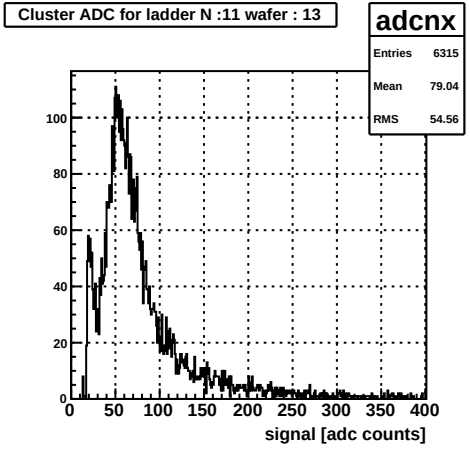

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16194
Mean 68.75
RMS 57.76
signal [adc counts]

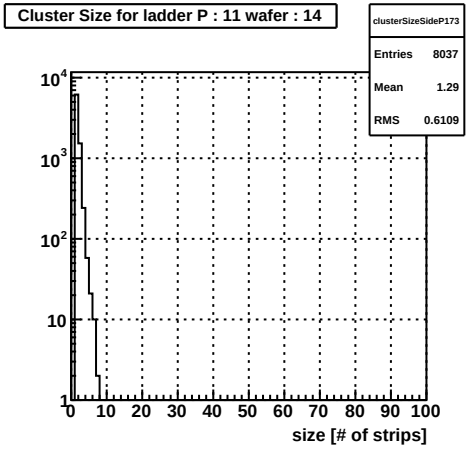

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 6728
Mean 1.342
RMS 0.6717
size [# of strips]

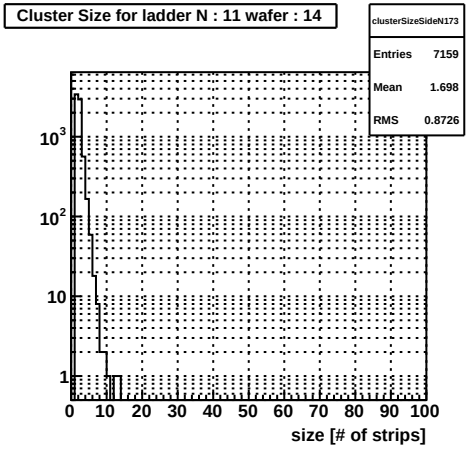

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 6315
Mean 1.563
RMS 0.8
size [# of strips]

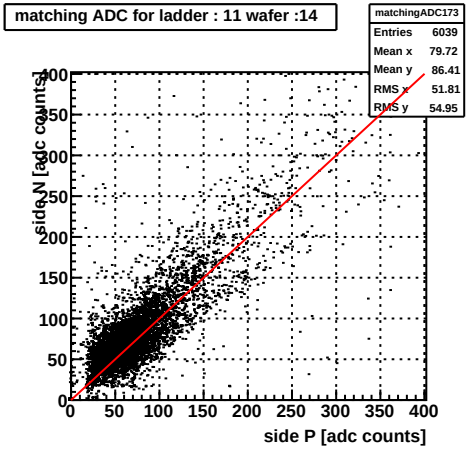

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 5403
Mean x 76.33
Mean y 79.41
RMS x 52.97
RMS y 52.78
side N [adc counts]
side P [adc counts]

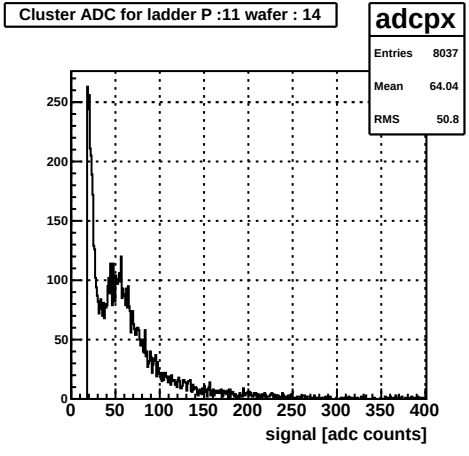

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 6728
Mean 66.76
RMS 52.12
signal [adc counts]

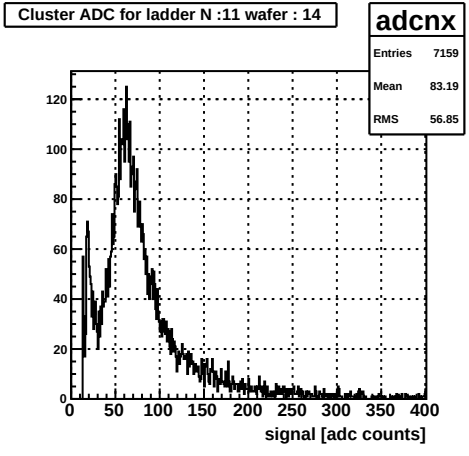

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 6315
Mean 79.04
RMS 54.56
signal [adc counts]

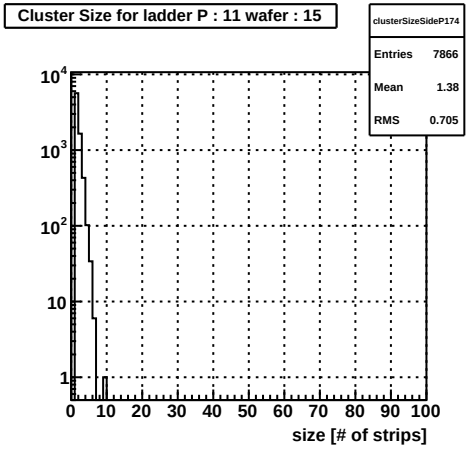

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 8037
Mean 1.29
RMS 0.6109
size [# of strips]

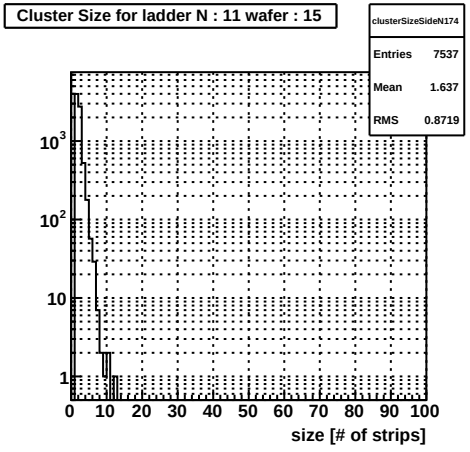

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 7159
Mean 1.698
RMS 0.8726
size [# of strips]

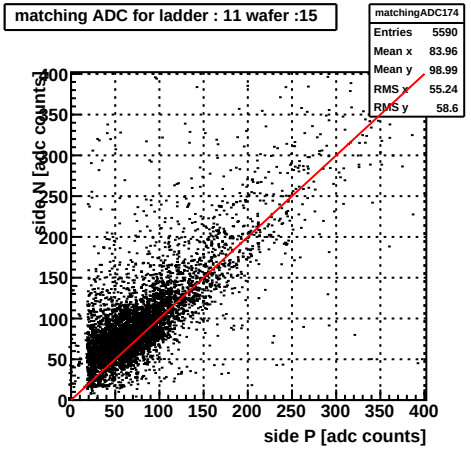

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 6039
Mean x 79.72
Mean y 86.41
RMS x 51.81
RMS y 54.95
side N [adc counts]
side P [adc counts]

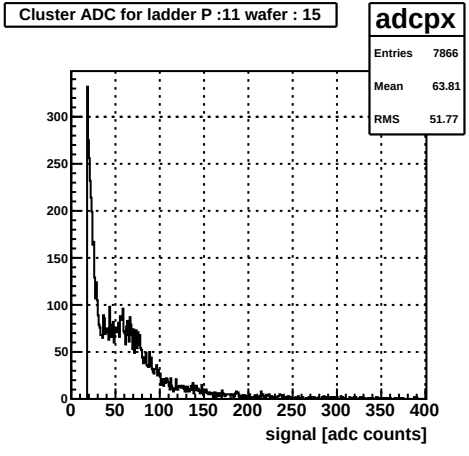

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 8037
Mean 64.04
RMS 50.8
signal [adc counts]

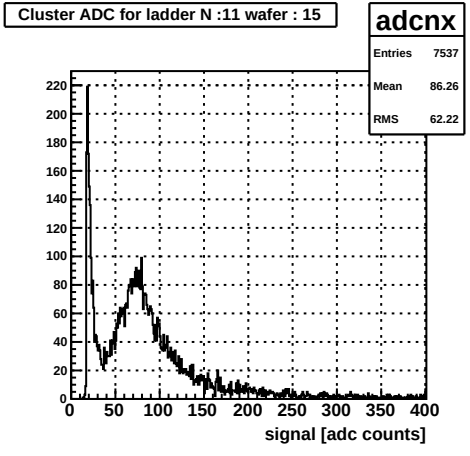

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 7159
Mean 83.19
RMS 56.85
signal [adc counts]

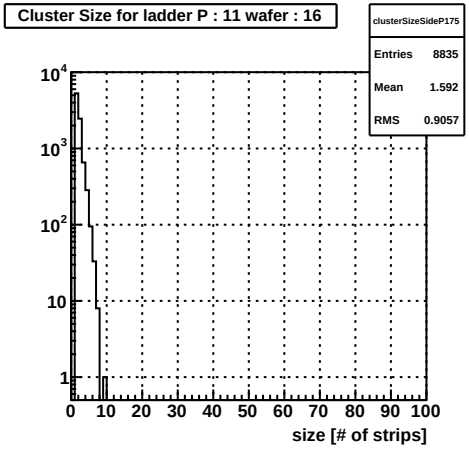

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 7866
Mean 1.38
RMS 0.705
size [# of strips]

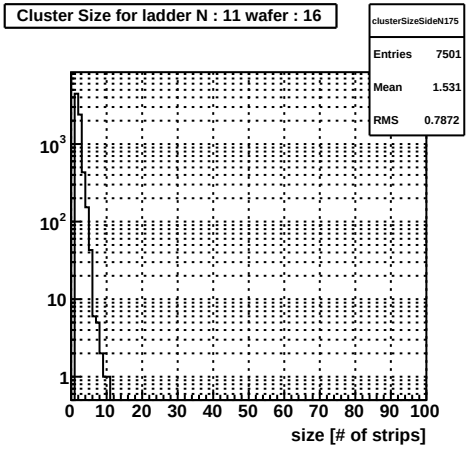

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 7537
Mean 1.637
RMS 0.8719
size [# of strips]

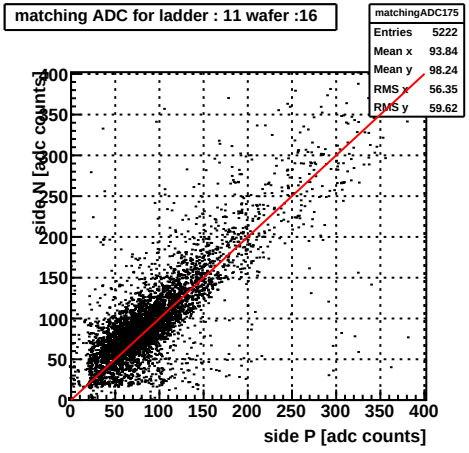

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 5590
Mean x 83.96
Mean y 98.99
RMS x 55.24
RMS y 58.6
side N [adc counts]
side P [adc counts]

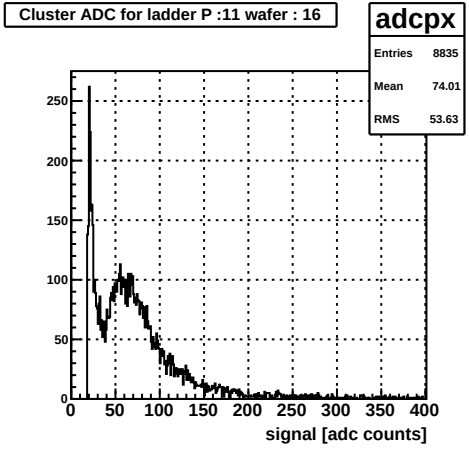

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 7866
Mean 63.81
RMS 51.77
signal [adc counts]

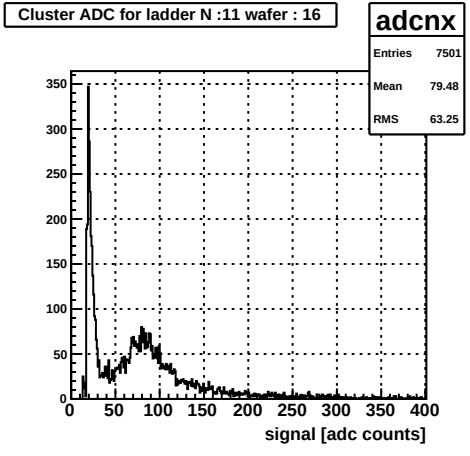

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 7537
Mean 86.26
RMS 62.22
signal [adc counts]

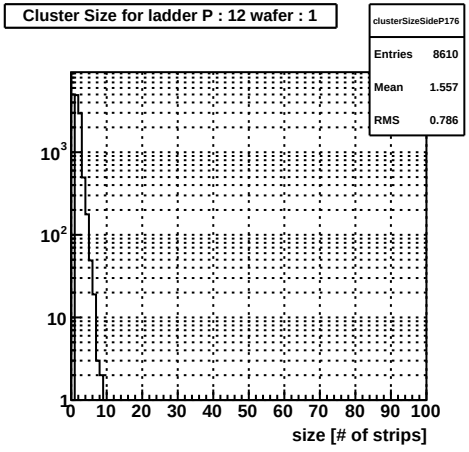

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 8835
Mean 1.592
RMS 0.9057
size [# of strips]

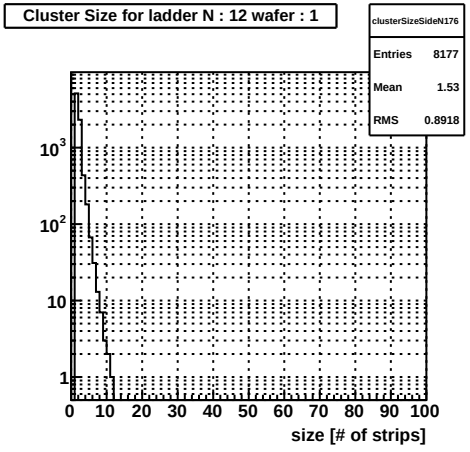

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 7501
Mean 1.531
RMS 0.7872
size [# of strips]

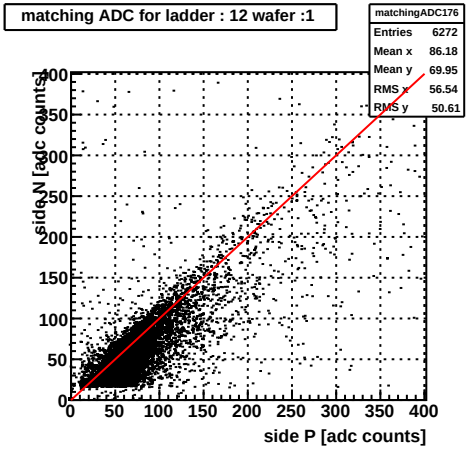

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 5222
Mean x 93.84
Mean y 98.24
RMS x 56.35
RMS y 59.62
side N [adc counts]
side P [adc counts]

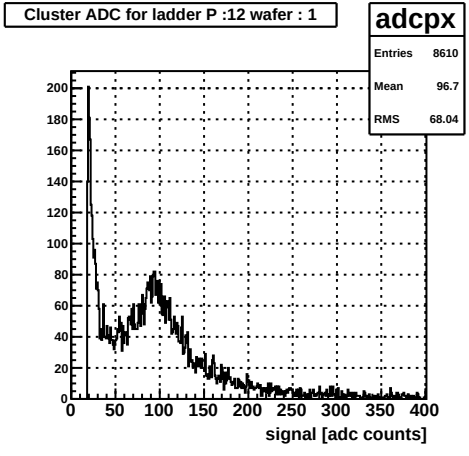

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 8835
Mean 74.01
RMS 53.63
signal [adc counts]

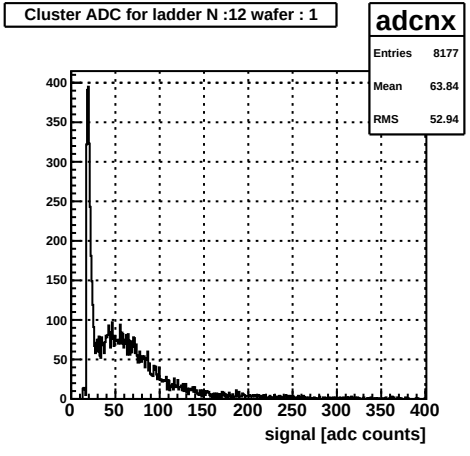

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 7501
Mean 79.48
RMS 63.25
signal [adc counts]

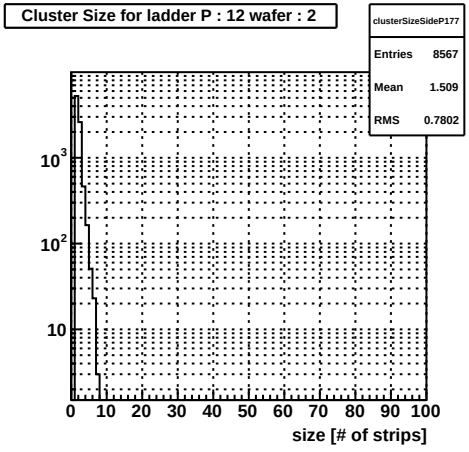

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 8610
Mean 1.557
RMS 0.786
size [# of strips]

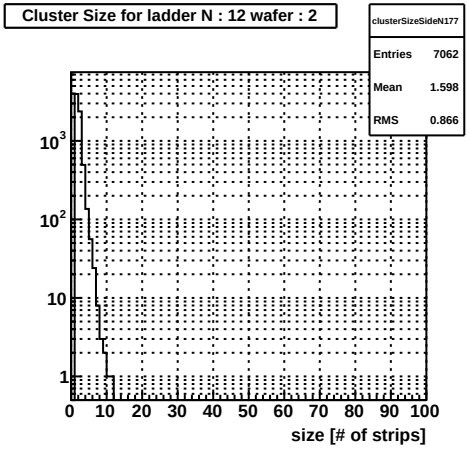

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 8177
Mean 1.53
RMS 0.8918
size [# of strips]

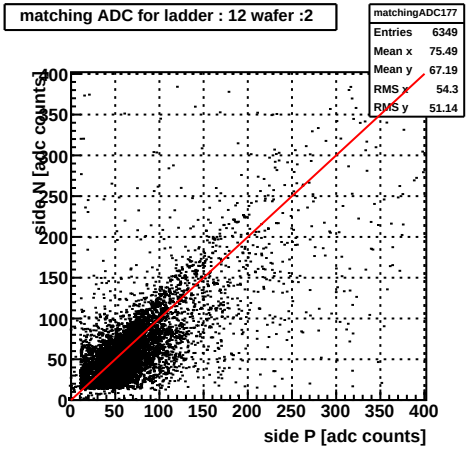

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 6272
Mean x 86.18
Mean y 69.95
RMS x 56.54
RMS y 50.61
side N [adc counts]
side P [adc counts]

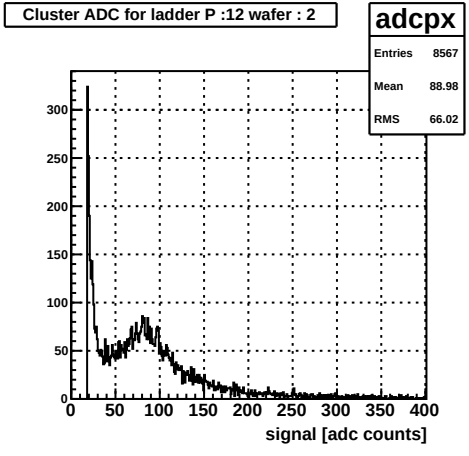

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 8610
Mean 96.7
RMS 68.04
signal [adc counts]

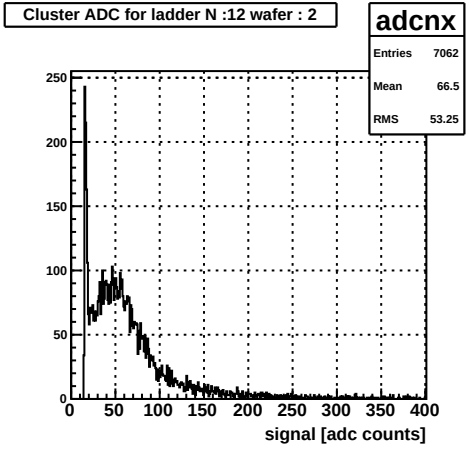

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 8177
Mean 63.84
RMS 52.94
signal [adc counts]

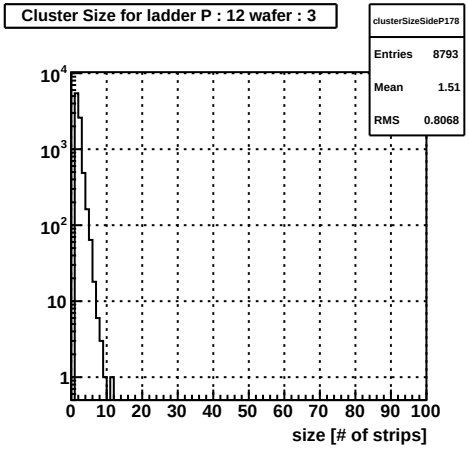

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 8567
Mean 1.509
RMS 0.7802
size [# of strips]

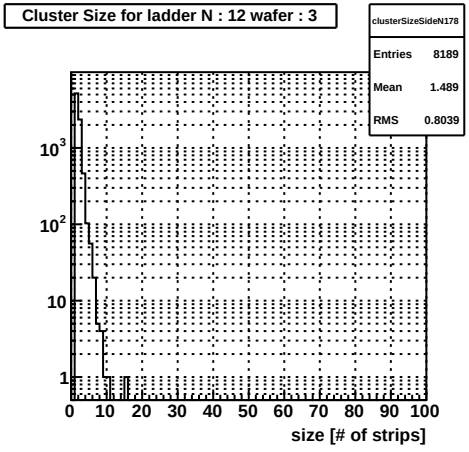

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 7062
Mean 1.598
RMS 0.866
size [# of strips]

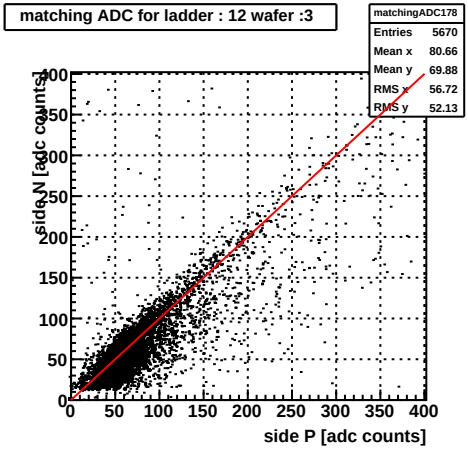

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 6349
Mean x 75.49
Mean y 67.19
RMS x 54.3
RMS y 51.14
side N [adc counts]
side P [adc counts]

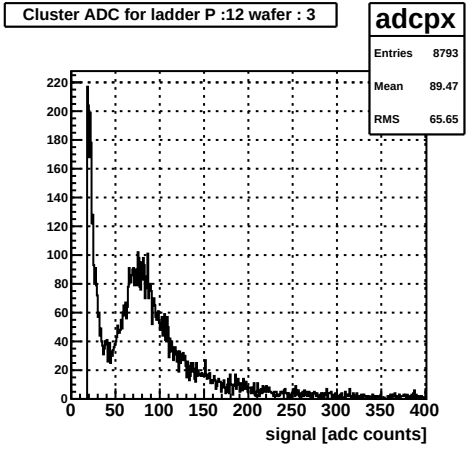

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 8567
Mean 88.98
RMS 66.02
signal [adc counts]

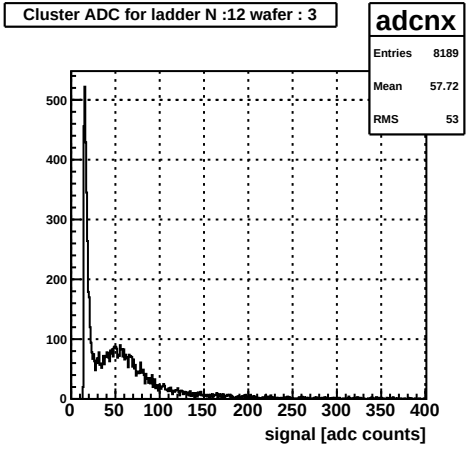

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 7062
Mean 66.5
RMS 53.25
signal [adc counts]

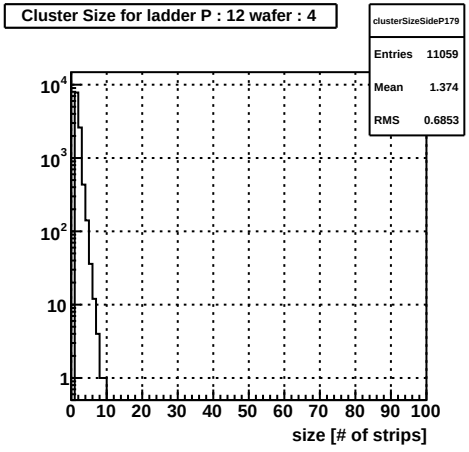

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 8793
Mean 1.51
RMS 0.8068
size [# of strips]

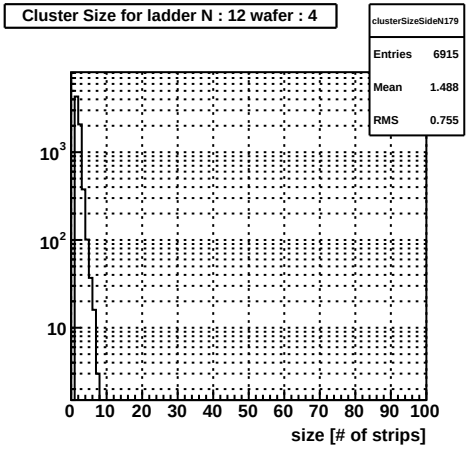

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 8189
Mean 1.489
RMS 0.8039
size [# of strips]

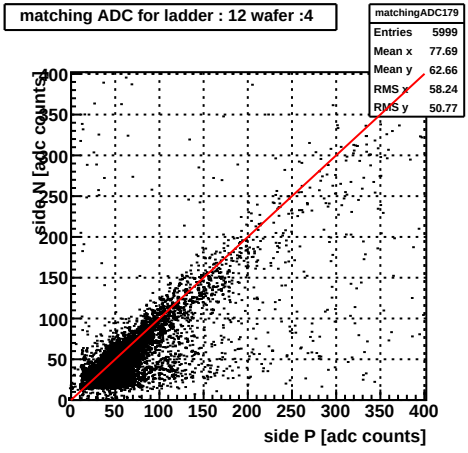

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 5670
Mean x 80.66
Mean y 69.88
RMS x 56.72
RMS y 52.13
side N [adc counts]
side P [adc counts]

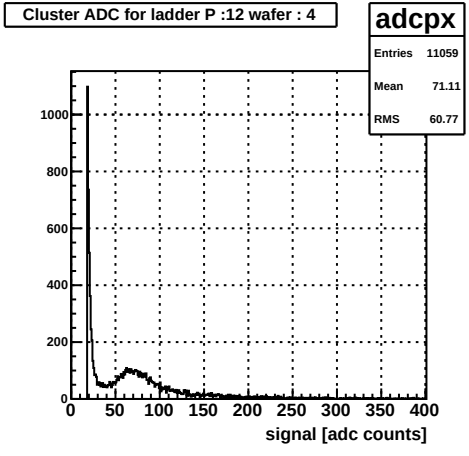

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 8793
Mean 89.47
RMS 65.65
signal [adc counts]

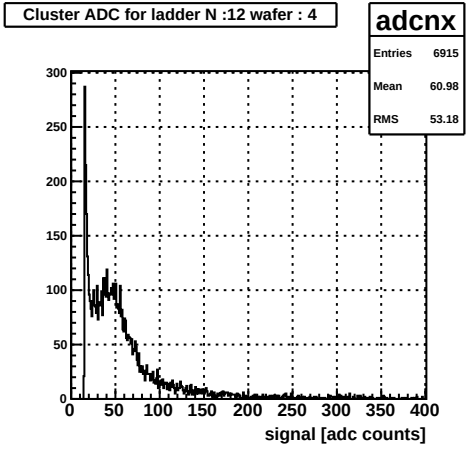

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 8189
Mean 57.72
RMS 53
signal [adc counts]

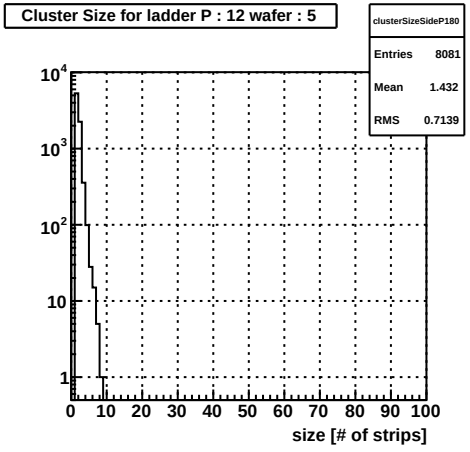

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 11059
Mean 1.374
RMS 0.6853
size [# of strips]

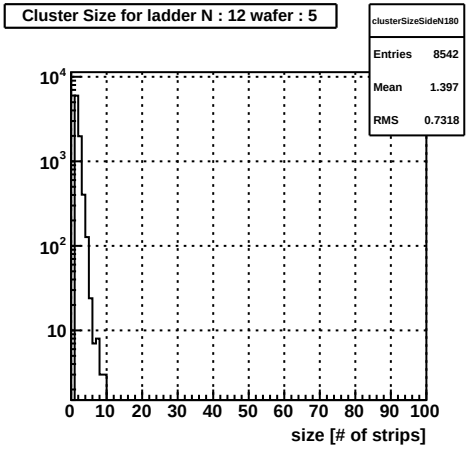

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6915
Mean 1.488
RMS 0.755
size [# of strips]

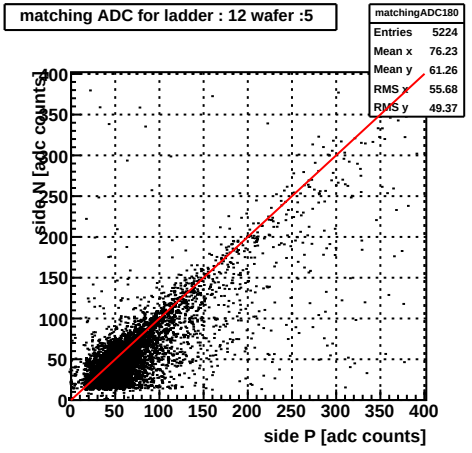

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 5999
Mean x 77.69
Mean y 62.66
RMS x 58.24
RMS y 50.77
side N [adc counts]
side P [adc counts]

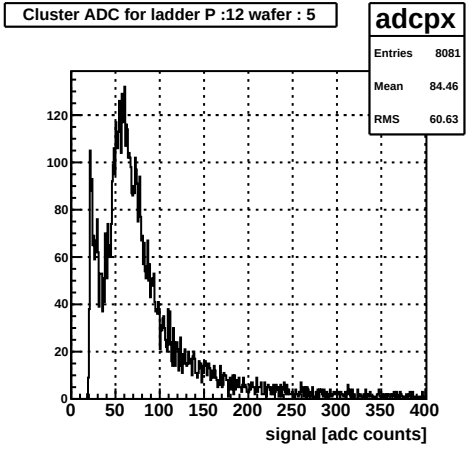

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 11059
Mean 71.11
RMS 60.77
signal [adc counts]

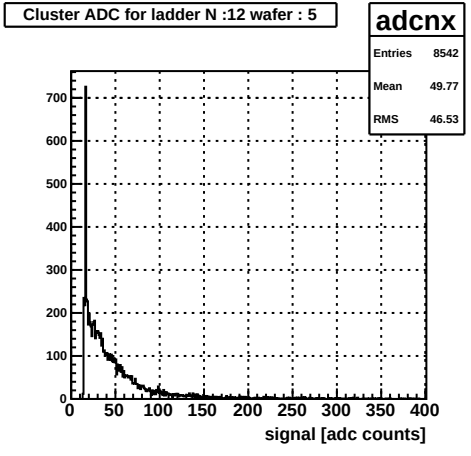

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6915
Mean 60.98
RMS 53.18
signal [adc counts]

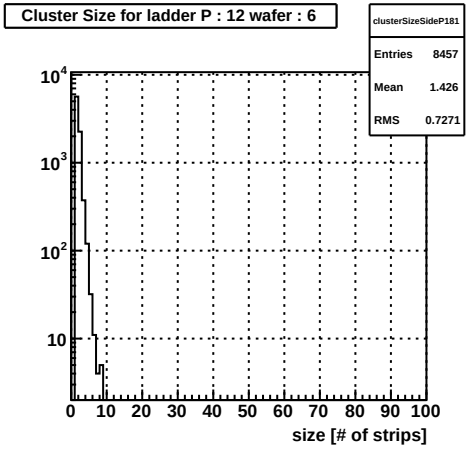

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 8081
Mean 1.432
RMS 0.7139
size [# of strips]

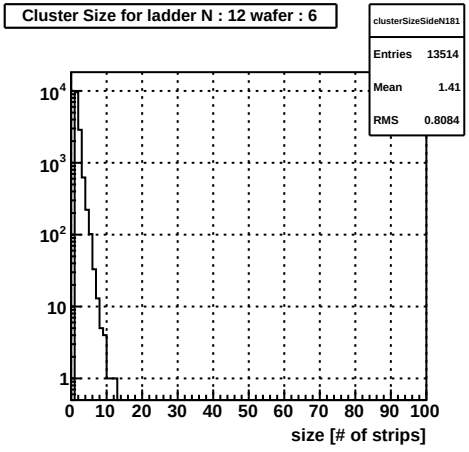

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8542
Mean 1.397
RMS 0.7318
size [# of strips]

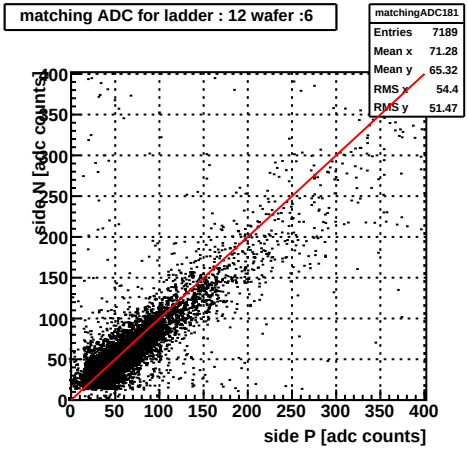

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 5224
Mean x 76.23
Mean y 61.26
RMS x 55.68
RMS y 49.37
side N [adc counts]
side P [adc counts]

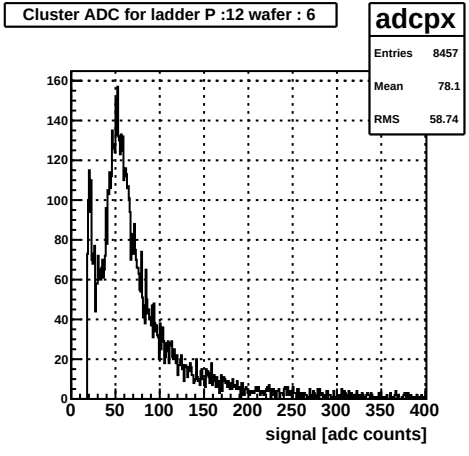

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 8081
Mean 84.46
RMS 60.63
signal [adc counts]

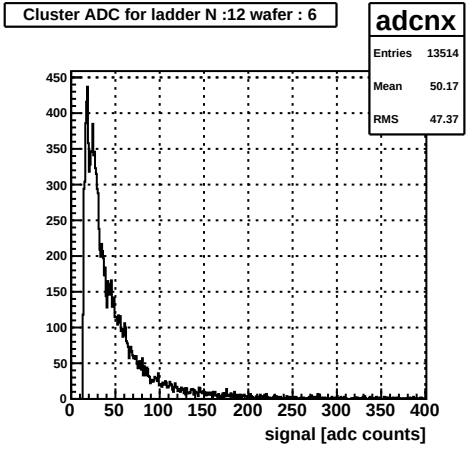

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8542
Mean 49.77
RMS 46.53
signal [adc counts]

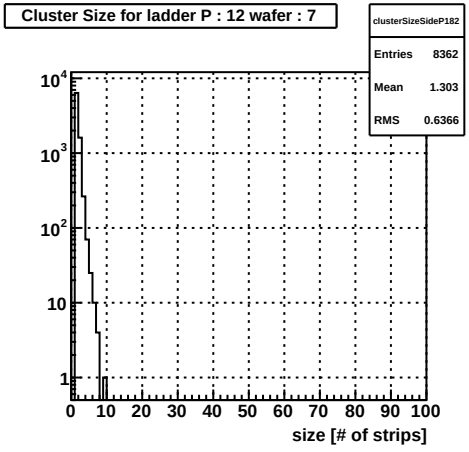

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 8457
Mean 1.426
RMS 0.7271
size [# of strips]

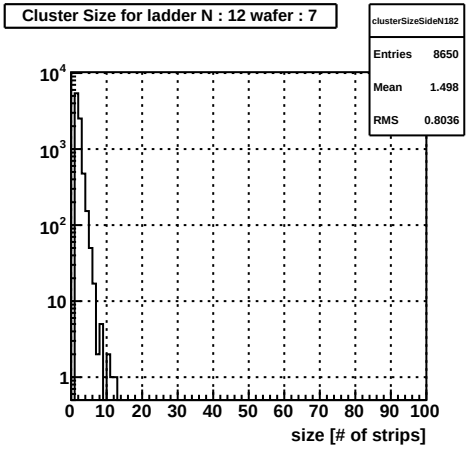

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 13514
Mean 1.41
RMS 0.8084
size [# of strips]

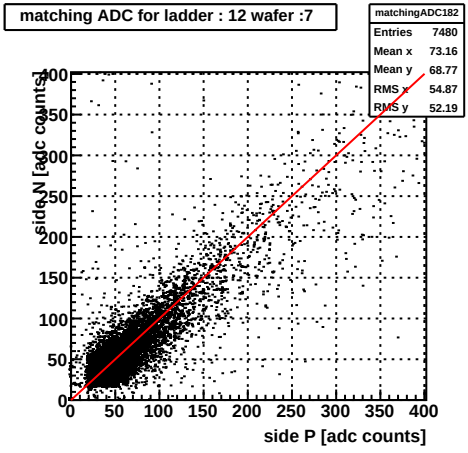

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 7189
Mean x 71.28
Mean y 65.32
RMS x 54.4
RMS y 51.47
side N [adc counts]
side P [adc counts]

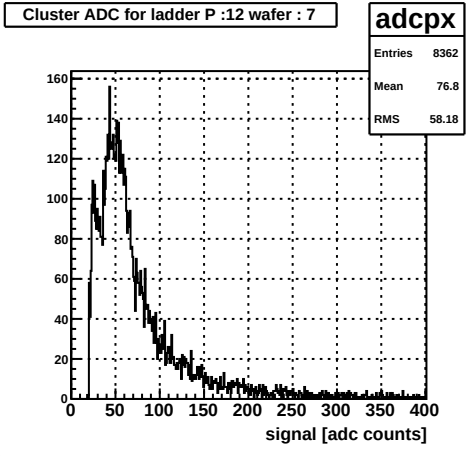

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 8457
Mean 78.1
RMS 58.74
signal [adc counts]

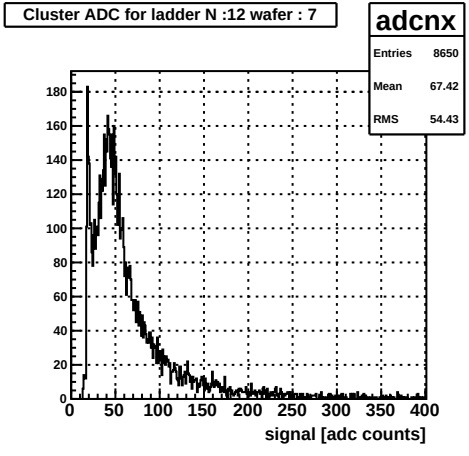

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 13514
Mean 50.17
RMS 47.37
signal [adc counts]

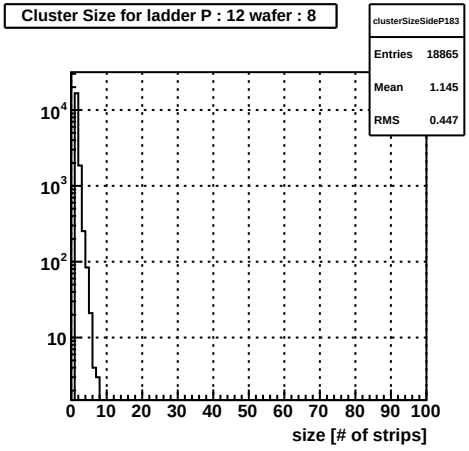

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 8362
Mean 1.303
RMS 0.6366
size [# of strips]

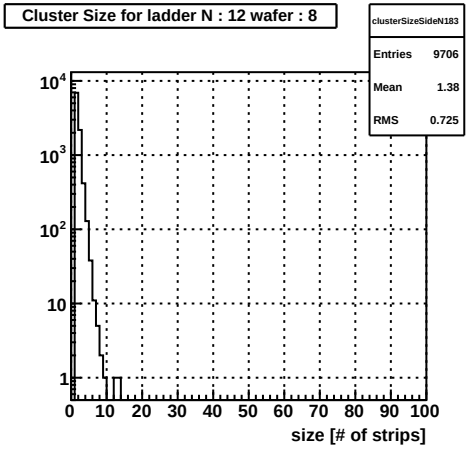

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8650
Mean 1.498
RMS 0.8036
size [# of strips]

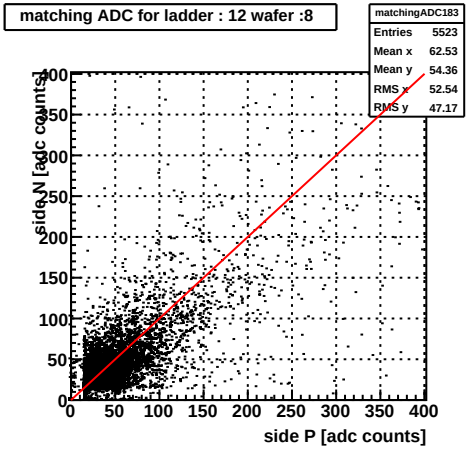

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 7480
Mean x 73.16
Mean y 68.77
RMS x 54.87
RMS y 52.19
side N [adc counts]
side P [adc counts]

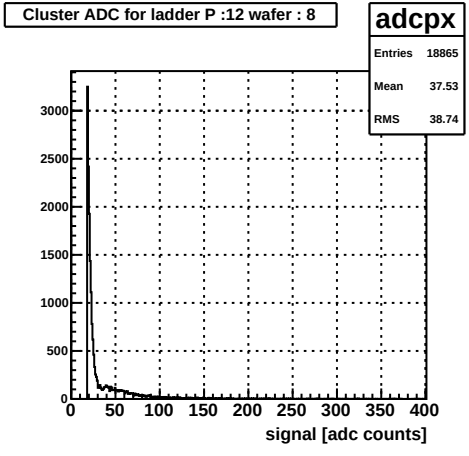

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 8362
Mean 76.8
RMS 58.18
signal [adc counts]

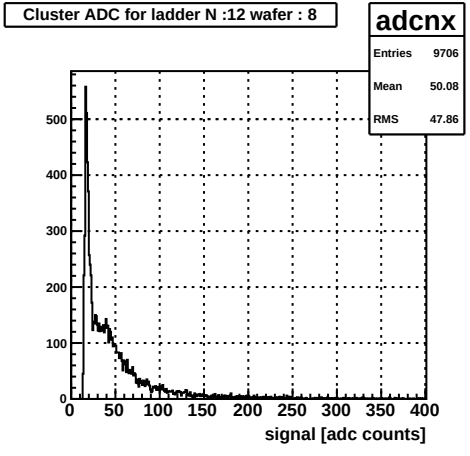

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8650
Mean 67.42
RMS 54.43
signal [adc counts]

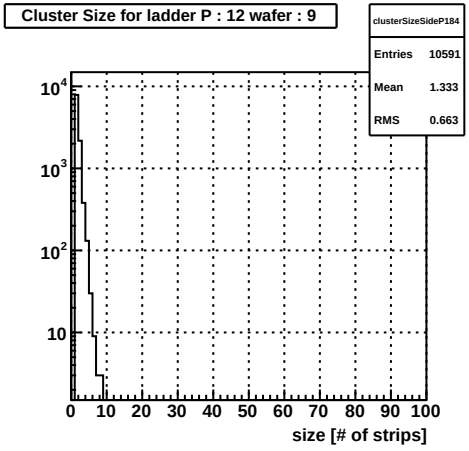

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 18865
Mean 1.145
RMS 0.447
size [# of strips]

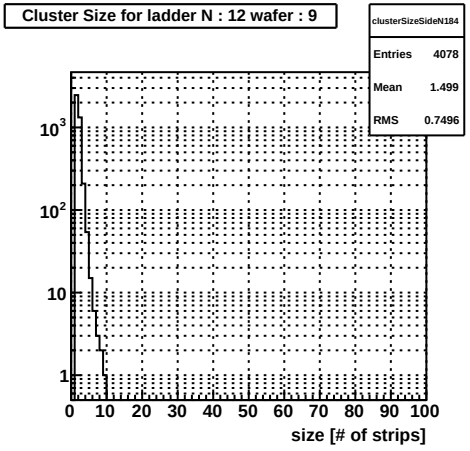

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 9706
Mean 1.38
RMS 0.725
size [# of strips]

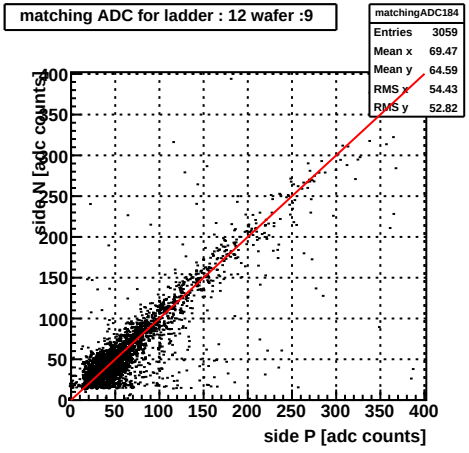

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 5523
Mean x 62.53
Mean y 54.36
RMS x 52.54
RMS y 47.17
side N [adc counts]
side P [adc counts]

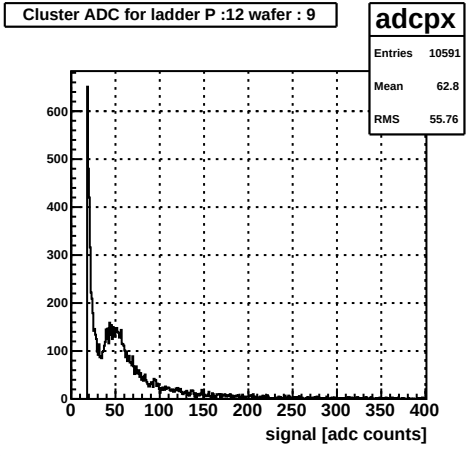

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 18865
Mean 37.53
RMS 38.74
signal [adc counts]

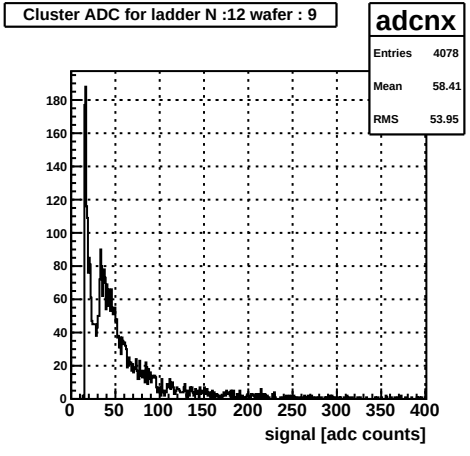

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 9706
Mean 50.08
RMS 47.86
signal [adc counts]

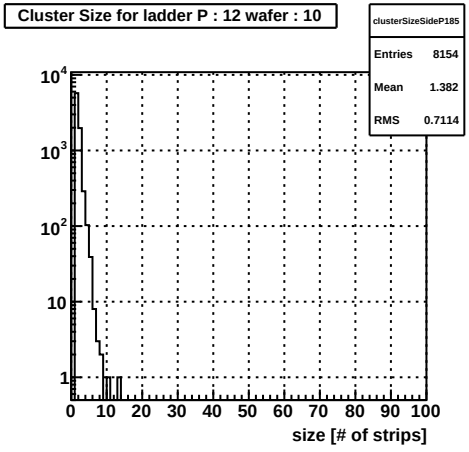

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 10591
Mean 1.333
RMS 0.663
size [# of strips]

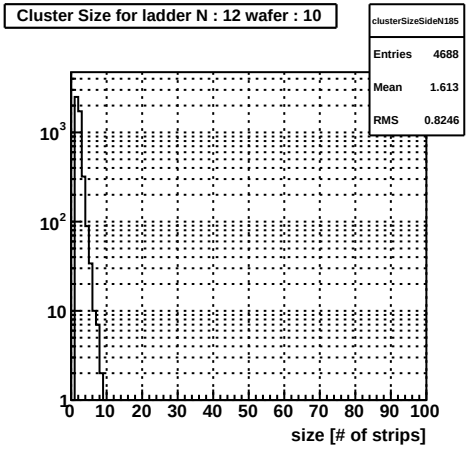

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4078
Mean 1.499
RMS 0.7496
size [# of strips]

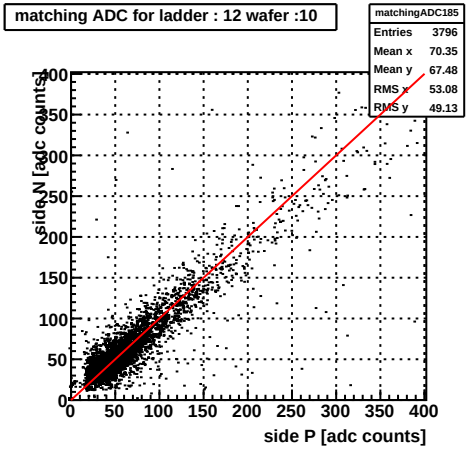

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 3059
Mean x 69.47
Mean y 64.59
RMS x 54.43
RMS y 52.82
side N [adc counts]
side P [adc counts]

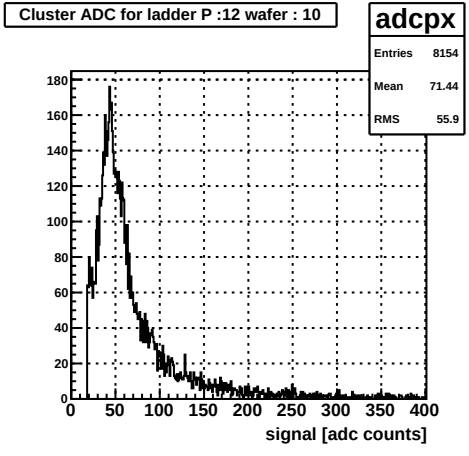

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 10591
Mean 62.8
RMS 55.76
signal [adc counts]

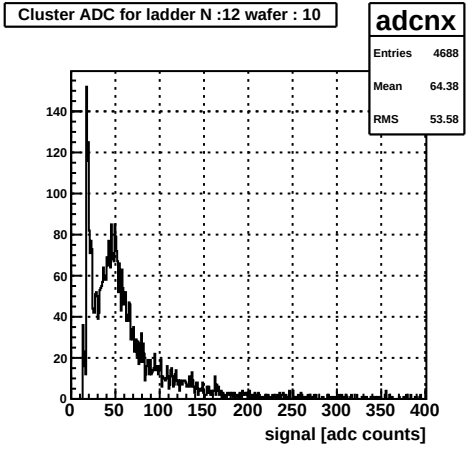

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4078
Mean 58.41
RMS 53.95
signal [adc counts]

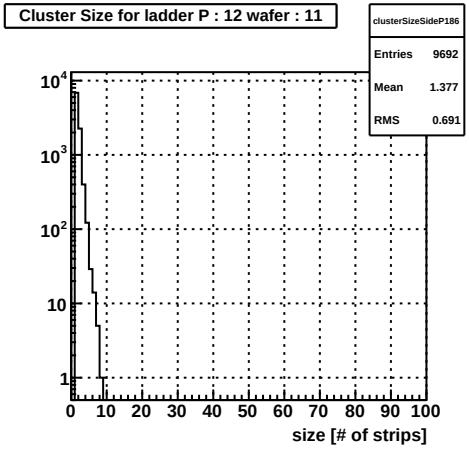

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 8154
Mean 1.382
RMS 0.7114
size [# of strips]

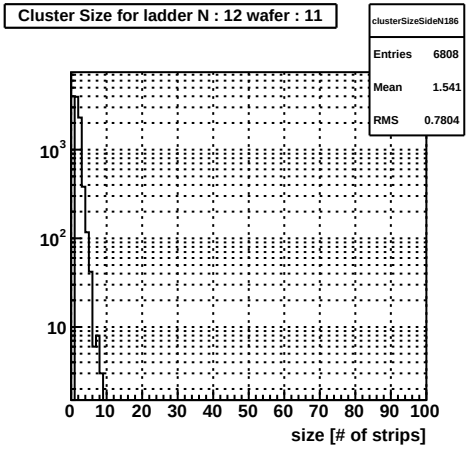

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4688
Mean 1.613
RMS 0.8246
size [# of strips]

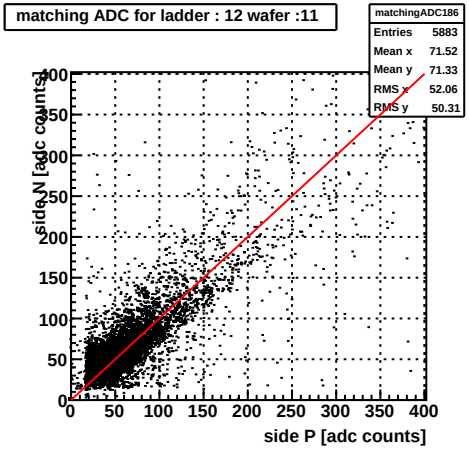

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 3796
Mean x 70.35
Mean y 67.48
RMS x 53.08
RMS y 49.13
side N [adc counts]
side P [adc counts]

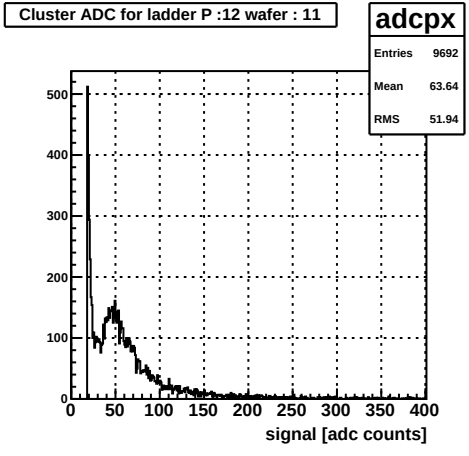

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 8154
Mean 71.44
RMS 55.9
signal [adc counts]

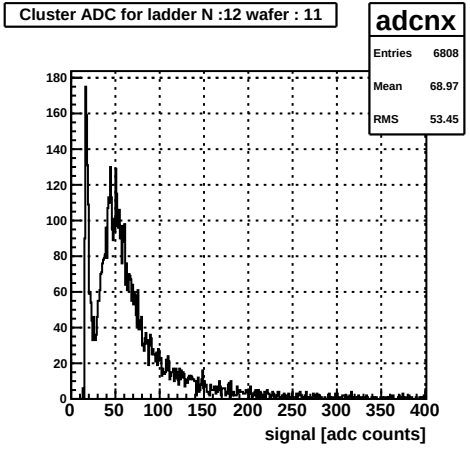

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4688
Mean 64.38
RMS 53.58
signal [adc counts]

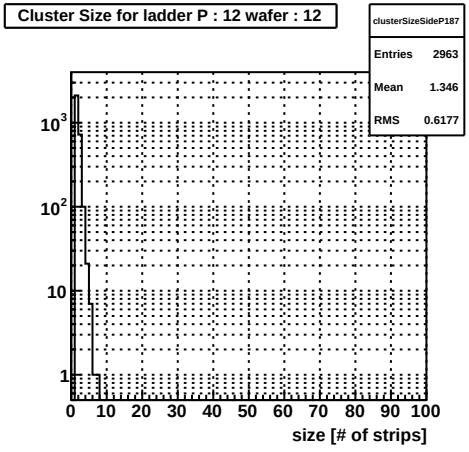

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 9692
Mean 1.377
RMS 0.691
size [# of strips]

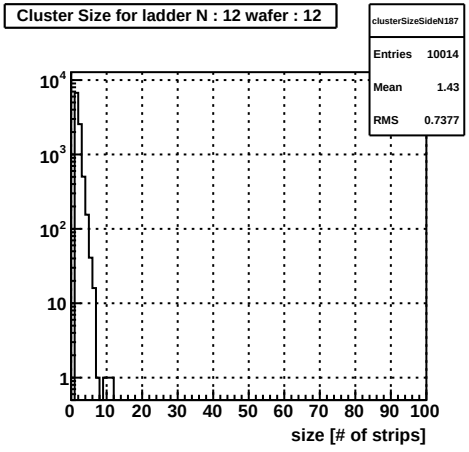

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 6808
Mean 1.541
RMS 0.7804
size [# of strips]

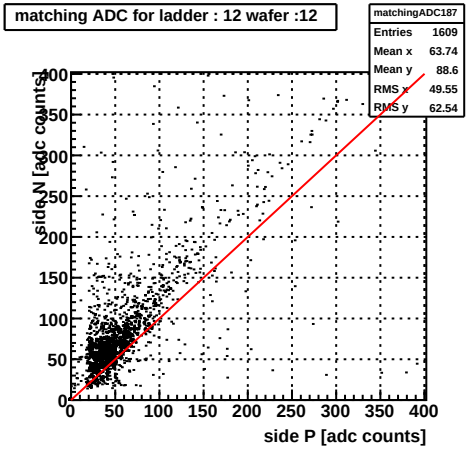

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 5883
Mean x 71.52
Mean y 71.33
RMS x 52.06
RMS y 50.31
side N [adc counts]
side P [adc counts]

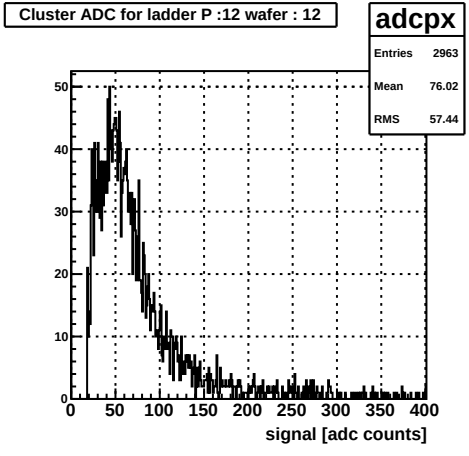

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 9692
Mean 63.64
RMS 51.94
signal [adc counts]

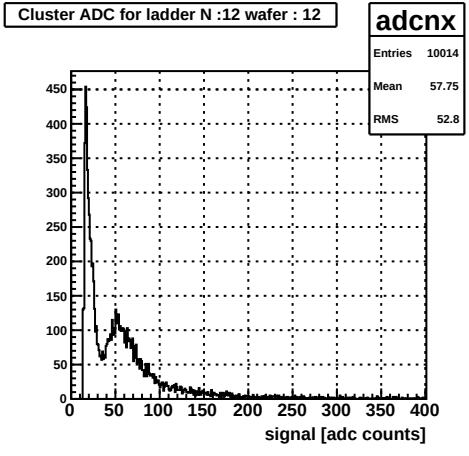

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 6808
Mean 68.97
RMS 53.45
signal [adc counts]

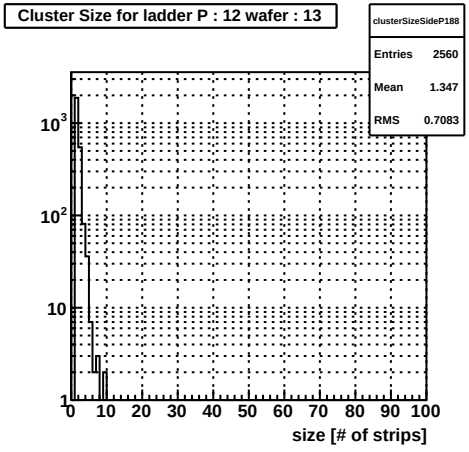

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2963
Mean 1.346
RMS 0.6177
size [# of strips]

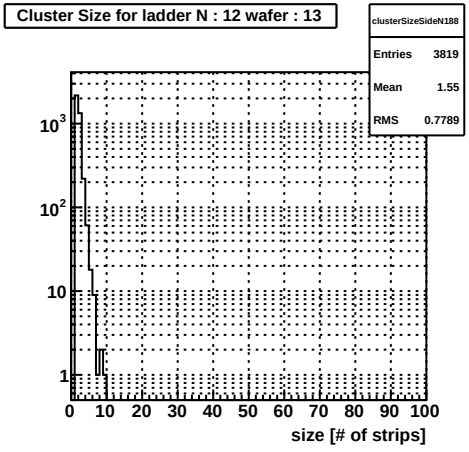

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 10014
Mean 1.43
RMS 0.7377
size [# of strips]

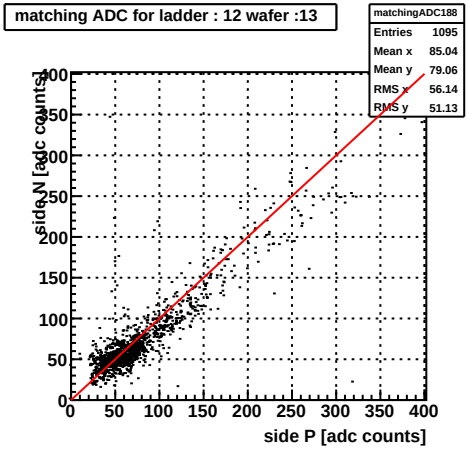

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1609
Mean x 63.74
Mean y 88.6
RMS x 49.55
RMS y 62.54
side N [adc counts]
side P [adc counts]

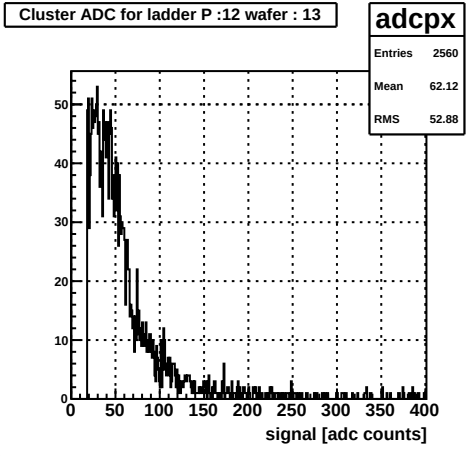

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2963
Mean 76.02
RMS 57.44
signal [adc counts]

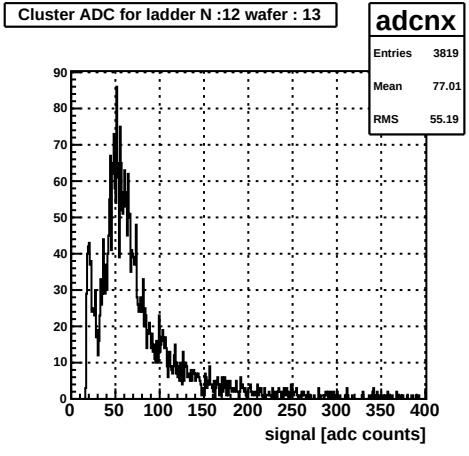

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 10014
Mean 57.75
RMS 52.8
signal [adc counts]

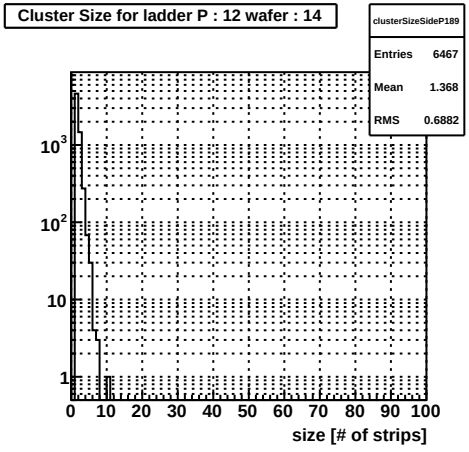

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2560
Mean 1.347
RMS 0.7083
size [# of strips]

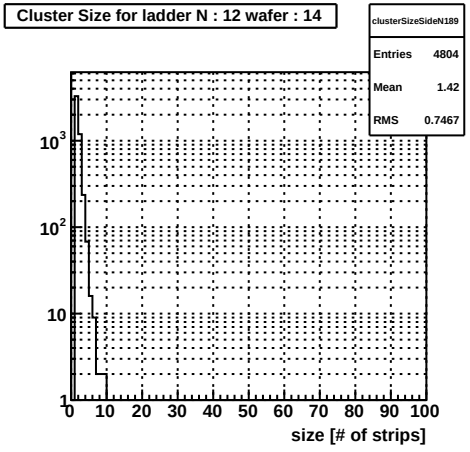

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3819
Mean 1.55
RMS 0.7789
size [# of strips]

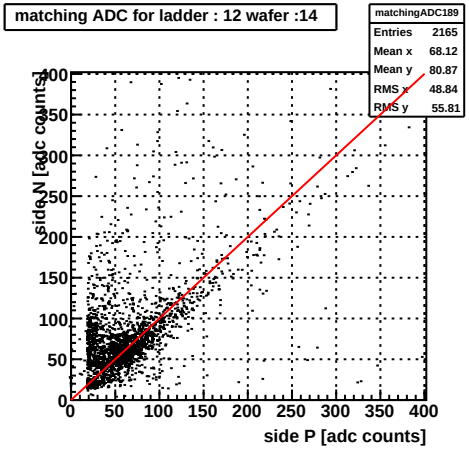

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1095
Mean x 85.04
Mean y 79.06
RMS x 56.14
RMS y 51.13
side N [adc counts]
side P [adc counts]

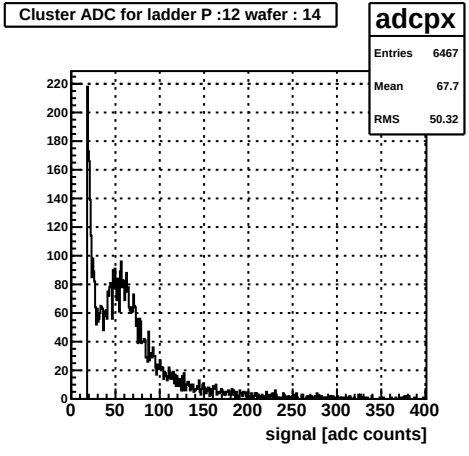

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2560
Mean 62.12
RMS 52.88
signal [adc counts]

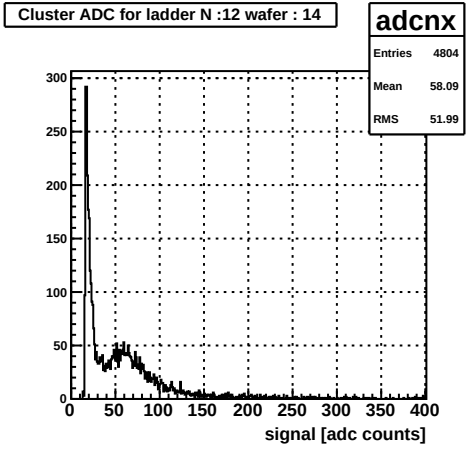

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3819
Mean 77.01
RMS 55.19
signal [adc counts]

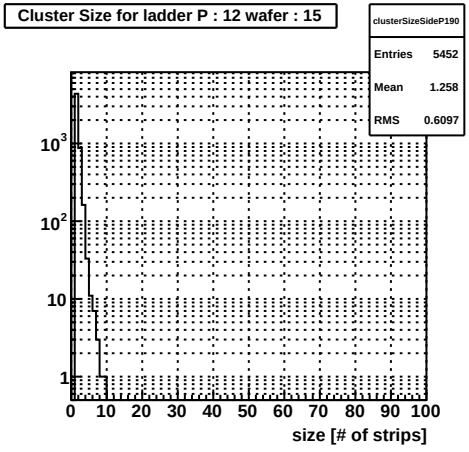

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 6467
Mean 1.368
RMS 0.6882
size [# of strips]

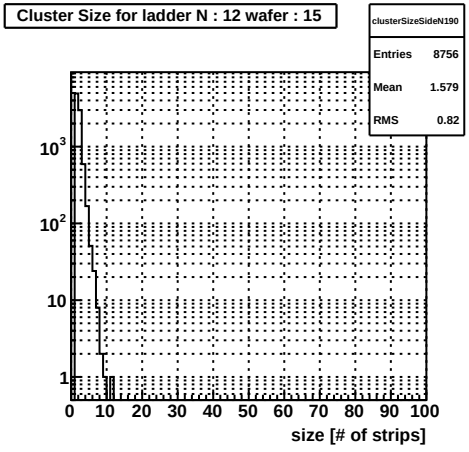

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4804
Mean 1.42
RMS 0.7467
size [# of strips]

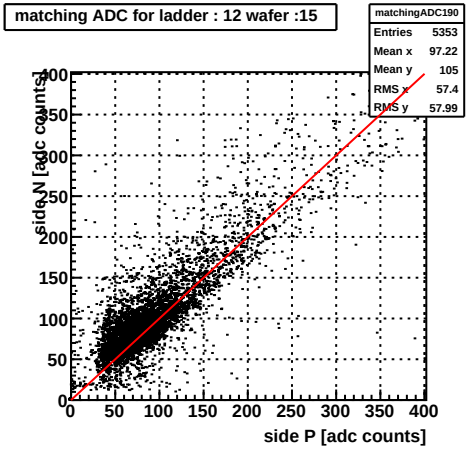

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2165
Mean x 68.12
Mean y 80.87
RMS x 48.84
RMS y 55.81
side N [adc counts]
side P [adc counts]

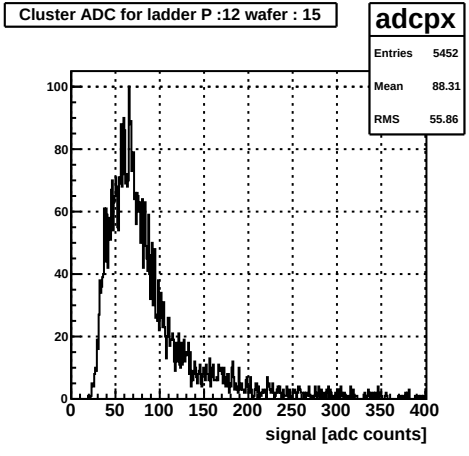

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 6467
Mean 67.7
RMS 50.32
signal [adc counts]

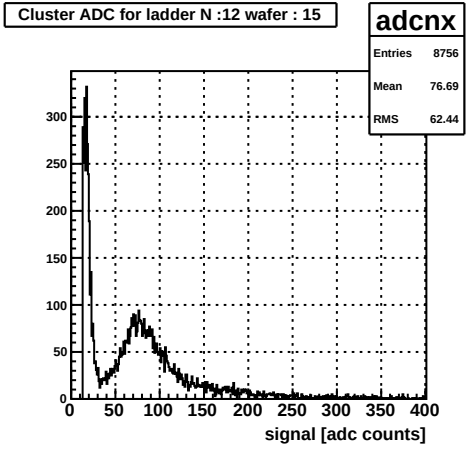

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4804
Mean 58.09
RMS 51.99
signal [adc counts]

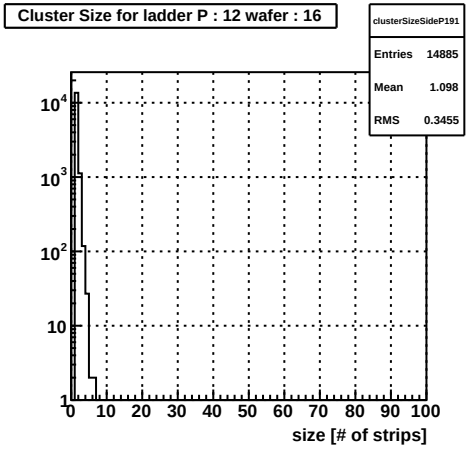

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 5452
Mean 1.258
RMS 0.6097
size [# of strips]

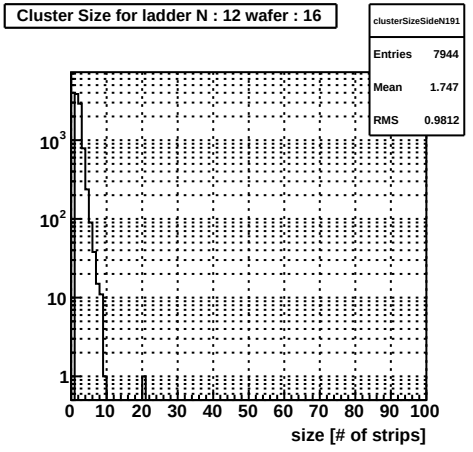

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 8756
Mean 1.579
RMS 0.82
size [# of strips]

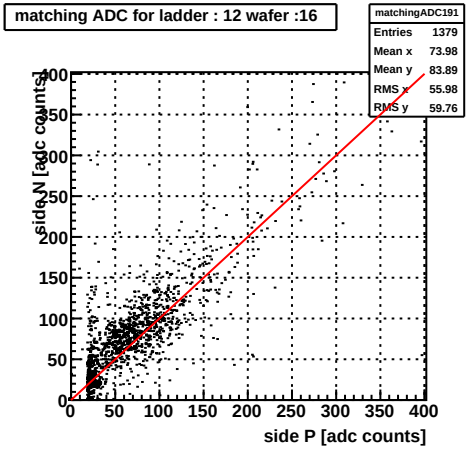

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 5353
Mean x 97.22
Mean y 105
RMS x 57.4
RMS y 57.99
side N [adc counts]
side P [adc counts]

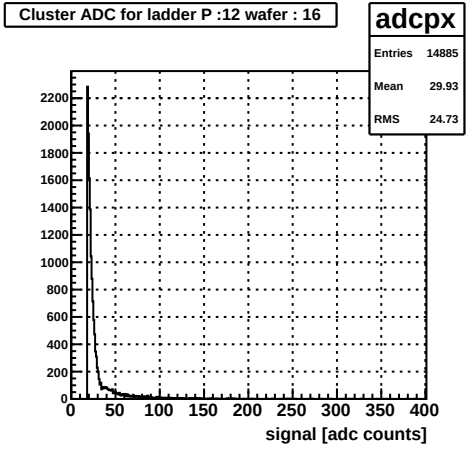

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 5452
Mean 88.31
RMS 55.86
signal [adc counts]

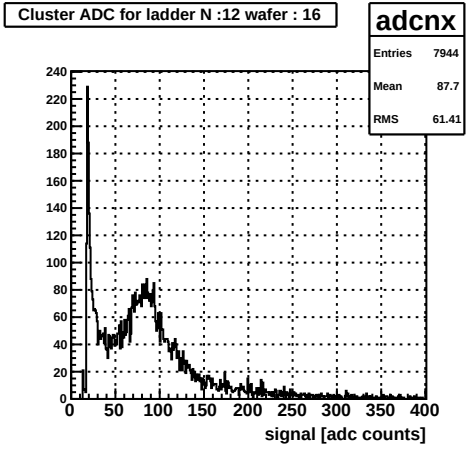

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 8756
Mean 76.69
RMS 62.44
signal [adc counts]

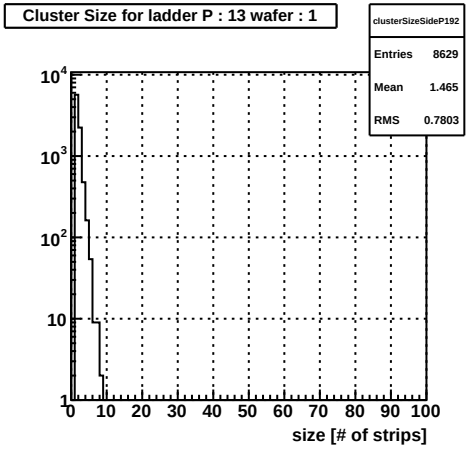

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 14885
Mean 1.098
RMS 0.3455
size [# of strips]

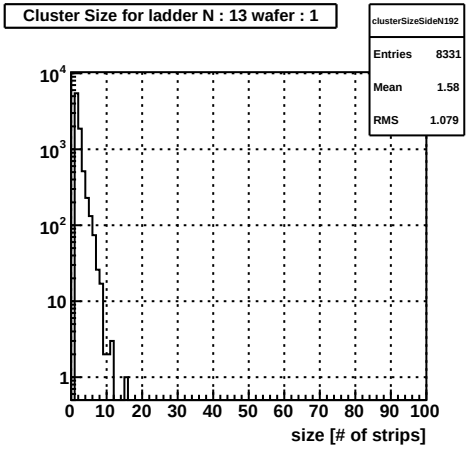

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 7944
Mean 1.747
RMS 0.9812
size [# of strips]

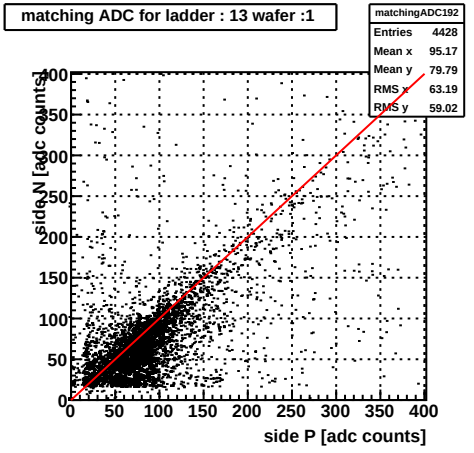

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1379
Mean x 73.98
Mean y 83.89
RMS x 55.98
RMS y 59.76
side N [adc counts]
side P [adc counts]

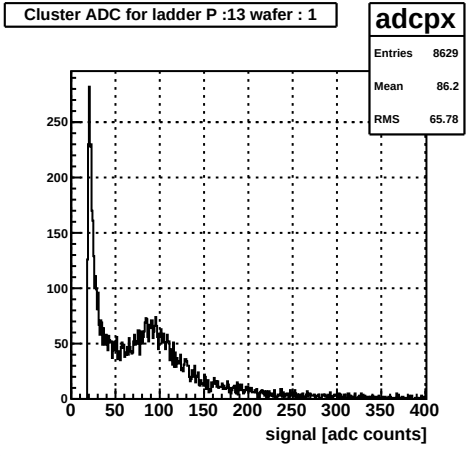

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 14885
Mean 29.93
RMS 24.73
signal [adc counts]

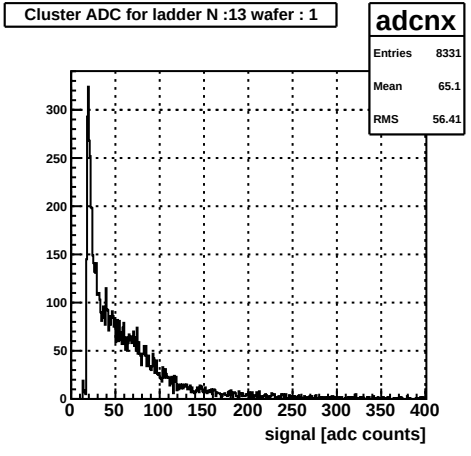

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 7944
Mean 87.7
RMS 61.41
signal [adc counts]

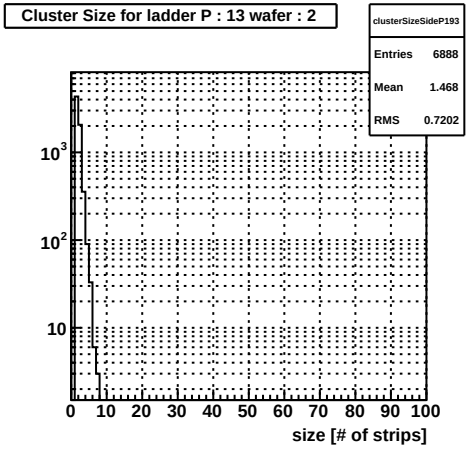

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 8629
Mean 1.465
RMS 0.7803
size [# of strips]

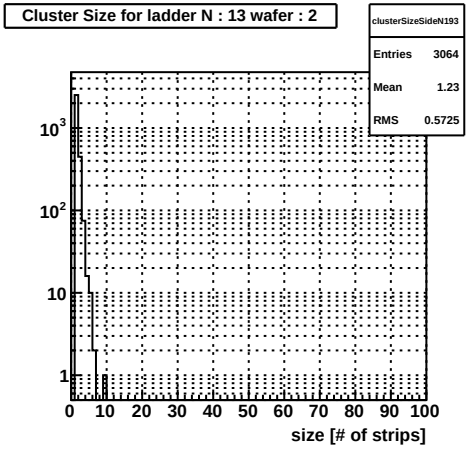

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 8331
Mean 1.58
RMS 1.079
size [# of strips]

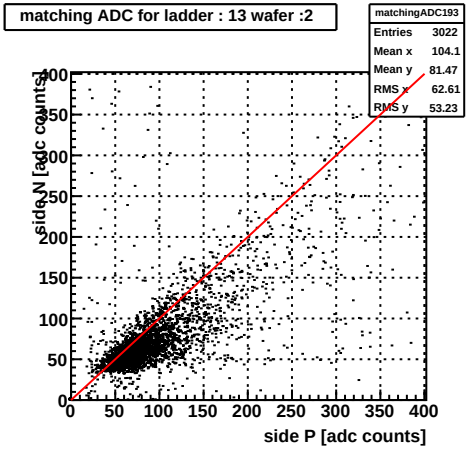

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 4428
Mean x 95.17
Mean y 79.79
RMS x 63.19
RMS y 59.02
side N [adc counts]
side P [adc counts]

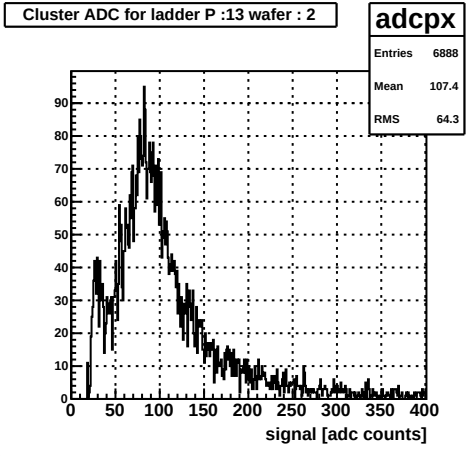

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 8629
Mean 86.2
RMS 65.78
signal [adc counts]

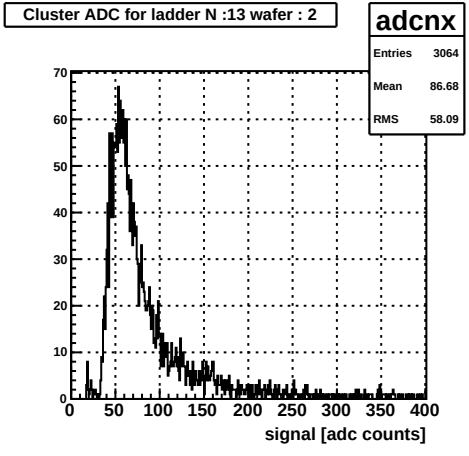

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 8331
Mean 65.1
RMS 56.41
signal [adc counts]

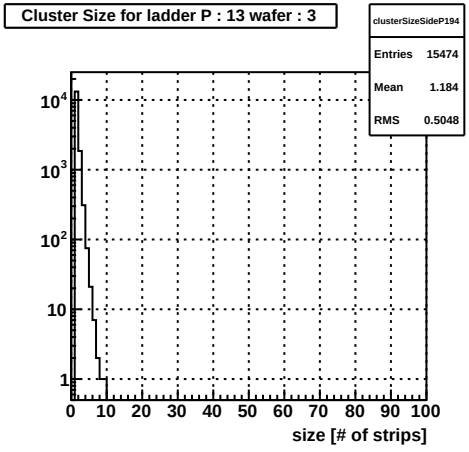

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 6888
Mean 1.468
RMS 0.7202
size [# of strips]

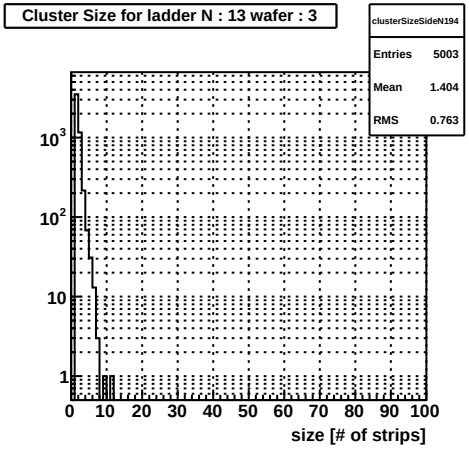

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3064
Mean 1.23
RMS 0.5725
size [# of strips]

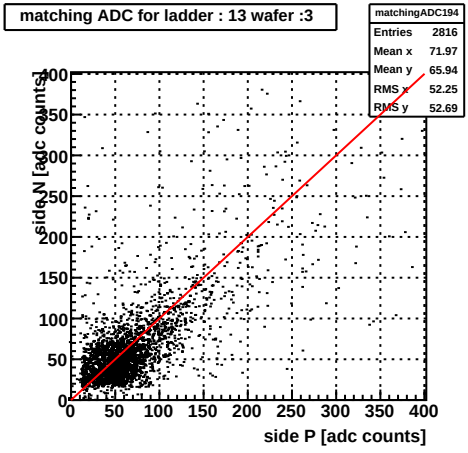

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 3022
Mean x 104.1
Mean y 81.47
RMS x 62.61
RMS y 53.23
side N [adc counts]
side P [adc counts]

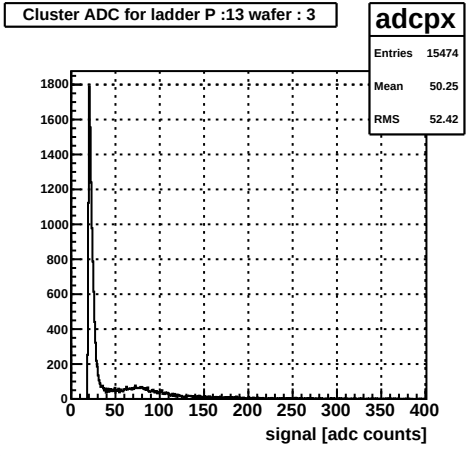

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 6888
Mean 107.4
RMS 64.3
signal [adc counts]

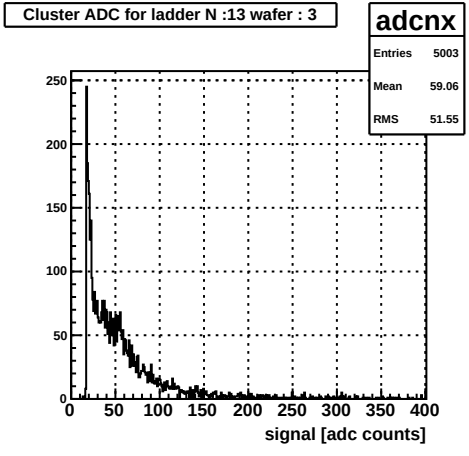

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3064
Mean 86.68
RMS 58.09
signal [adc counts]

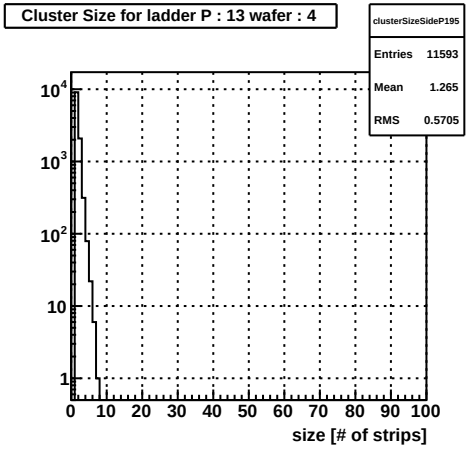

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 15474
Mean 1.184
RMS 0.5048
size [# of strips]

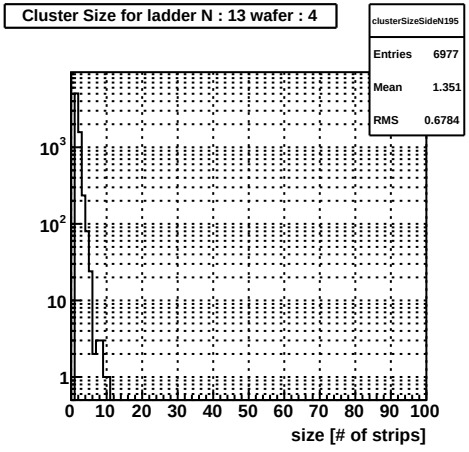

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5003
Mean 1.404
RMS 0.763
size [# of strips]

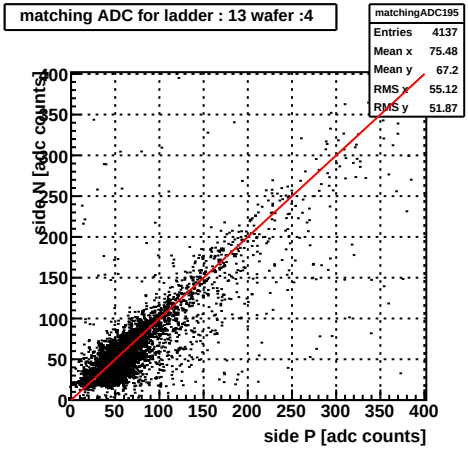

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 2816
Mean x 71.97
Mean y 65.94
RMS x 52.25
RMS y 52.69
side N [adc counts]
side P [adc counts]

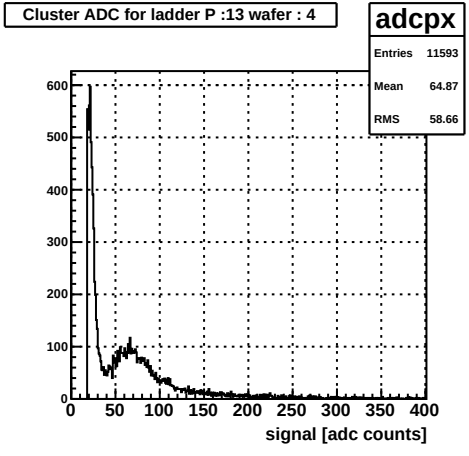

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 15474
Mean 50.25
RMS 52.42
signal [adc counts]

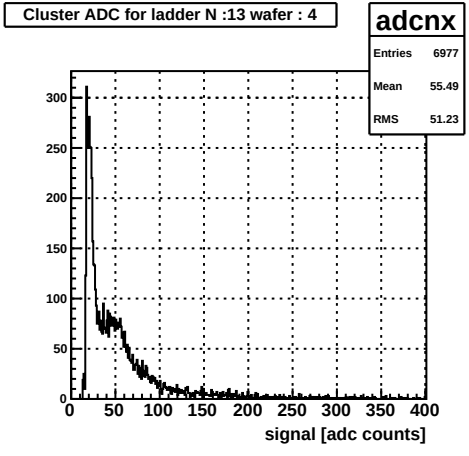

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5003
Mean 59.06
RMS 51.55
signal [adc counts]

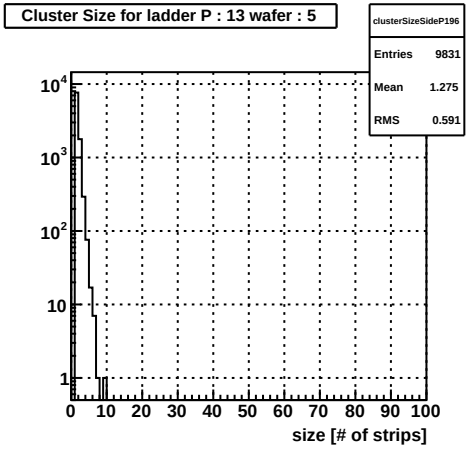

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 11593
Mean 1.265
RMS 0.5705
size [# of strips]

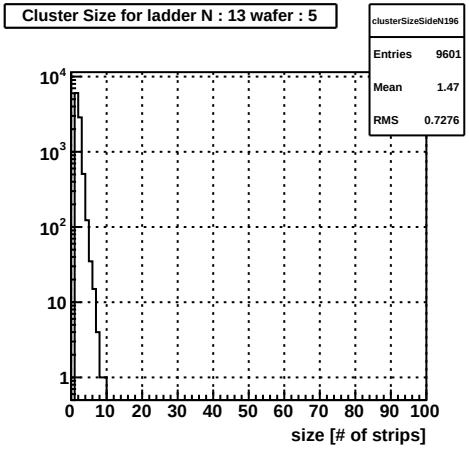

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 6977
Mean 1.351
RMS 0.6784
size [# of strips]

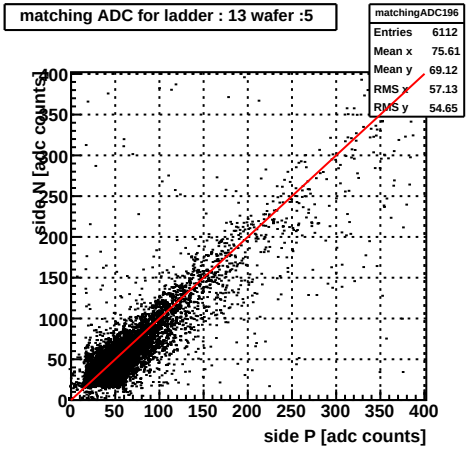

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4137
Mean x 75.48
Mean y 67.2
RMS x 55.12
RMS y 51.87
side N [adc counts]
side P [adc counts]

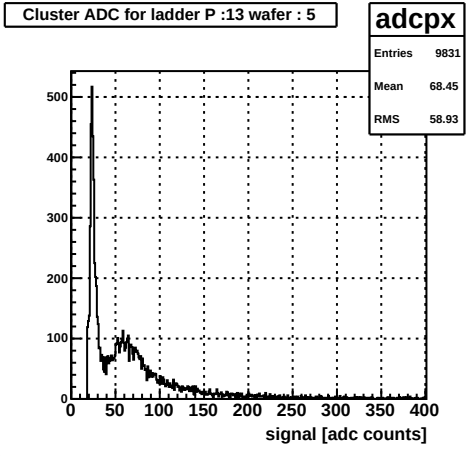

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 11593
Mean 64.87
RMS 58.66
signal [adc counts]

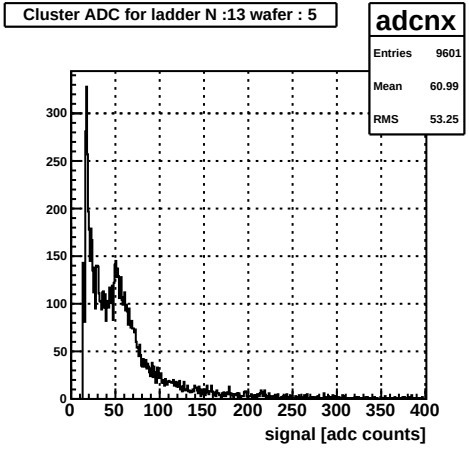

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 6977
Mean 55.49
RMS 51.23
signal [adc counts]

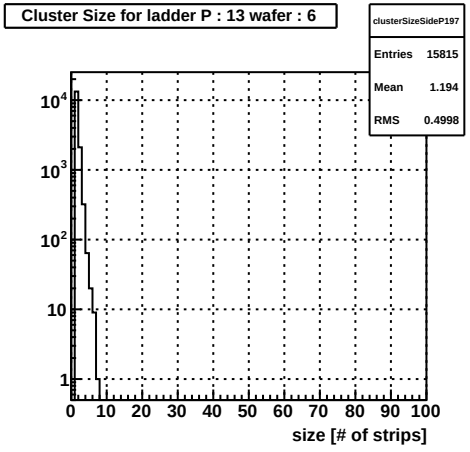

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9831
Mean 1.275
RMS 0.591
size [# of strips]

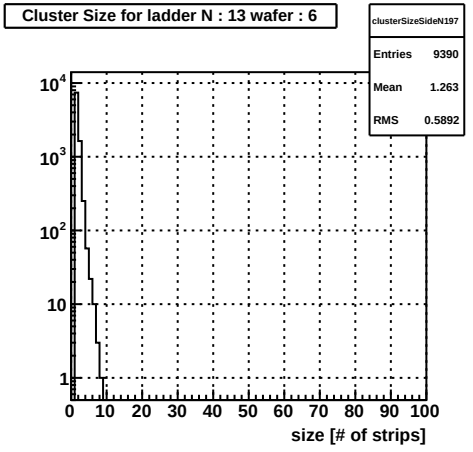

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 9601
Mean 1.47
RMS 0.7276
size [# of strips]

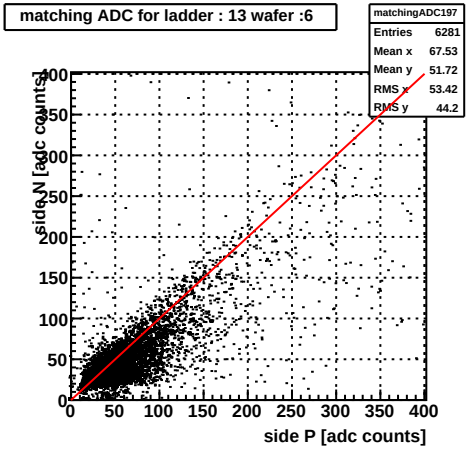

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 6112
Mean x 75.61
Mean y 69.12
RMS x 57.13
RMS y 54.65
side N [adc counts]
side P [adc counts]

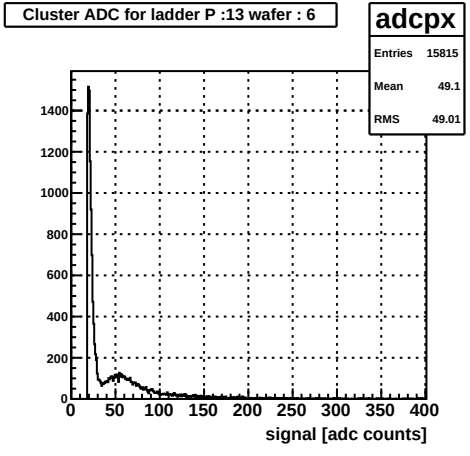

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9831
Mean 68.45
RMS 58.93
signal [adc counts]

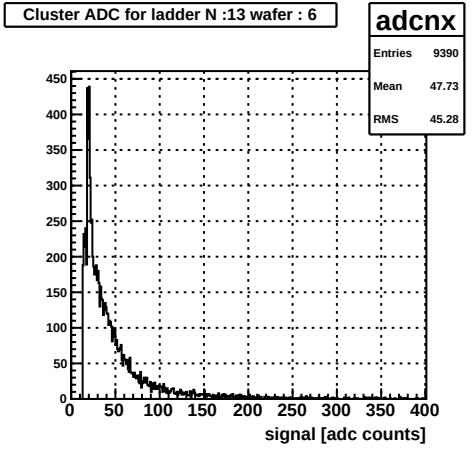

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 9601
Mean 60.99
RMS 53.25
signal [adc counts]

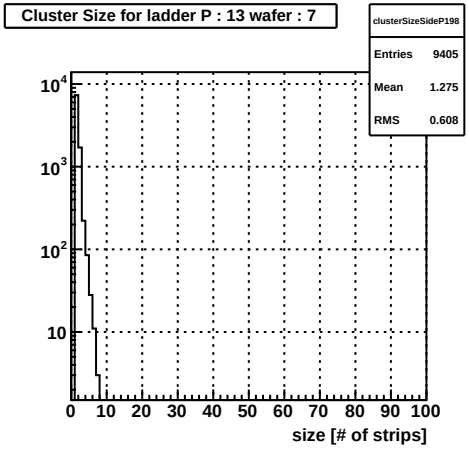

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15815
Mean 1.194
RMS 0.4998
size [# of strips]

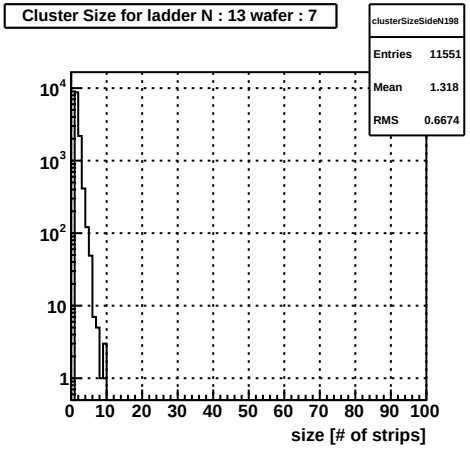

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 9390
Mean 1.263
RMS 0.5892
size [# of strips]

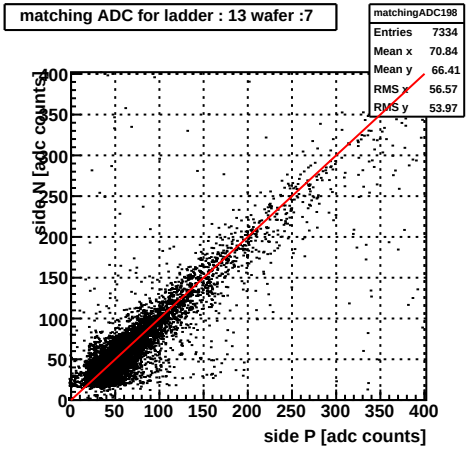

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 6281
Mean x 67.53
Mean y 51.72
RMS x 53.42
RMS y 44.2
side N [adc counts]
side P [adc counts]

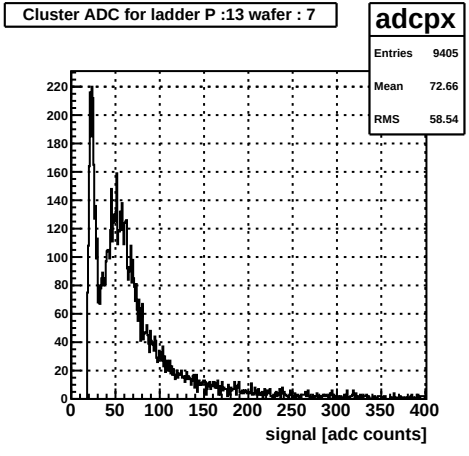

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15815
Mean 49.1
RMS 49.01
signal [adc counts]

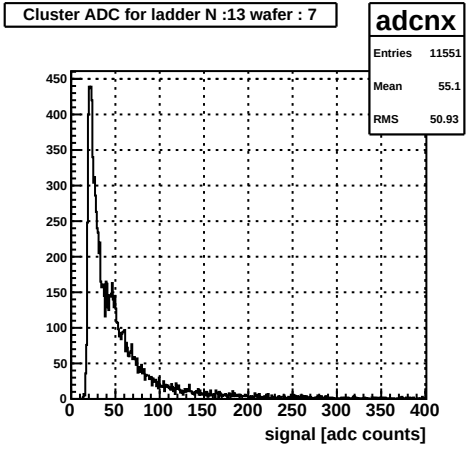

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 9390
Mean 47.73
RMS 45.28
signal [adc counts]

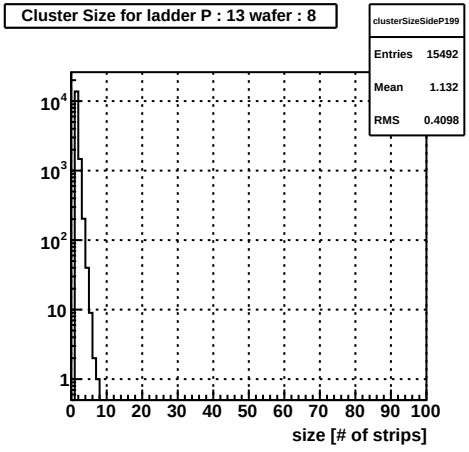

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 9405
Mean 1.275
RMS 0.608
size [# of strips]

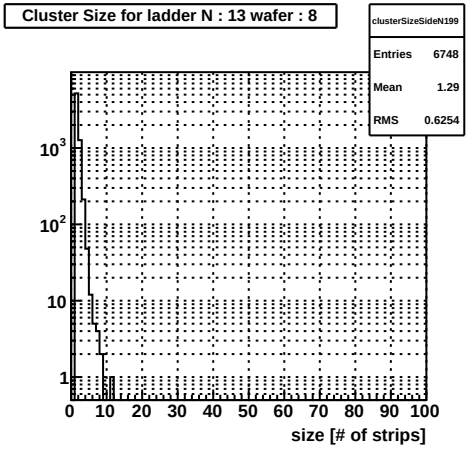

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 11551
Mean 1.318
RMS 0.6674
size [# of strips]

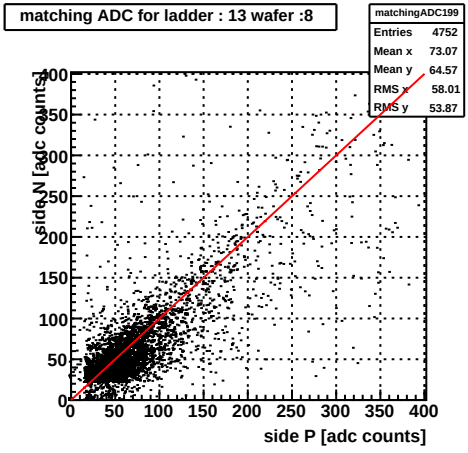

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 7334
Mean x 70.84
Mean y 66.41
RMS x 56.57
RMS y 53.97
side N [adc counts]
side P [adc counts]

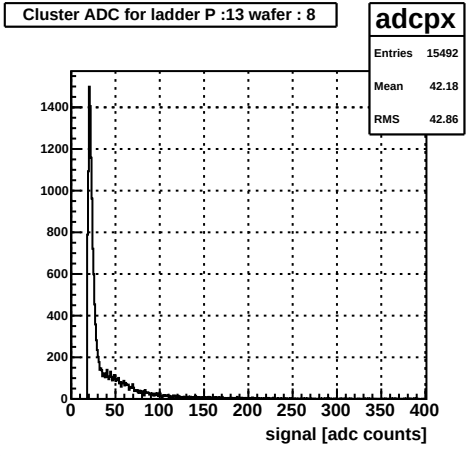

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 9405
Mean 72.66
RMS 58.54
signal [adc counts]

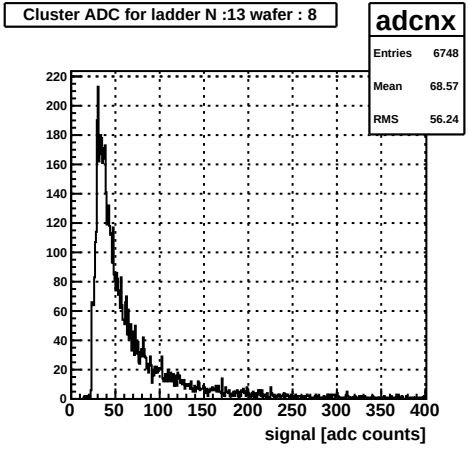

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 11551
Mean 55.1
RMS 50.93
signal [adc counts]

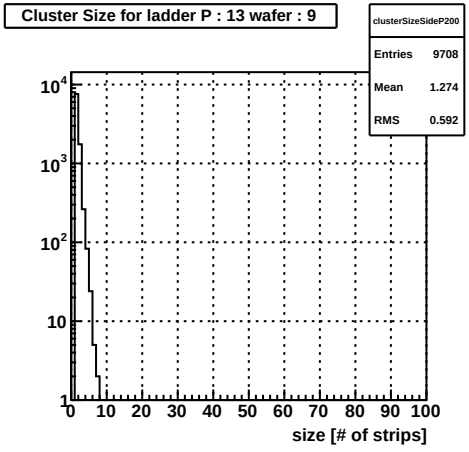

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 15492
Mean 1.132
RMS 0.4098
size [# of strips]

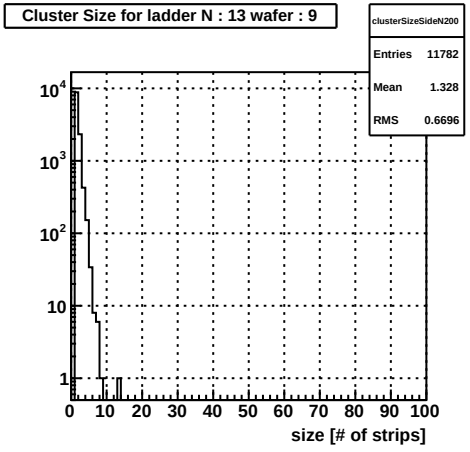

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 6748
Mean 1.29
RMS 0.6254
size [# of strips]

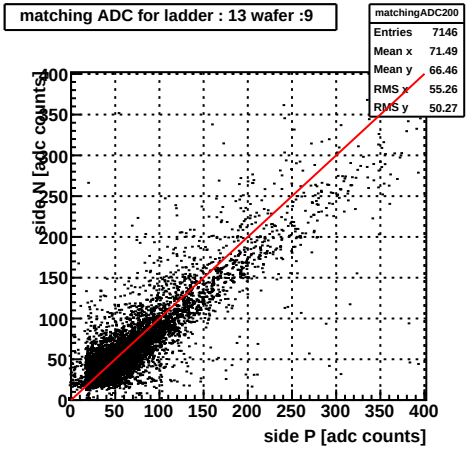

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4752
Mean x 73.07
Mean y 64.57
RMS x 58.01
RMS y 53.87
side N [adc counts]
side P [adc counts]

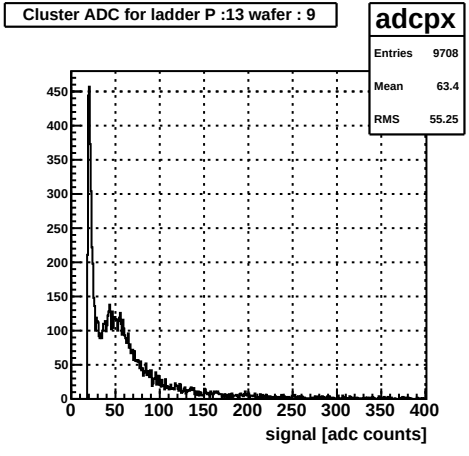

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 15492
Mean 42.18
RMS 42.86
signal [adc counts]

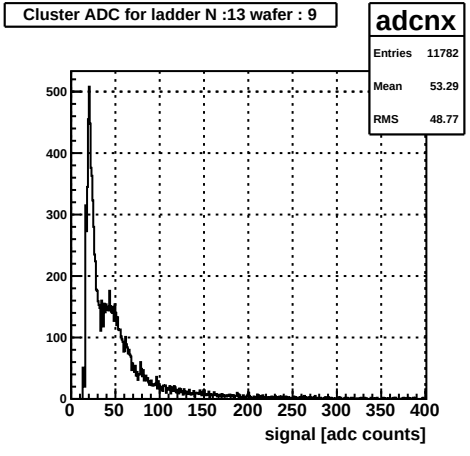

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 6748
Mean 68.57
RMS 56.24
signal [adc counts]

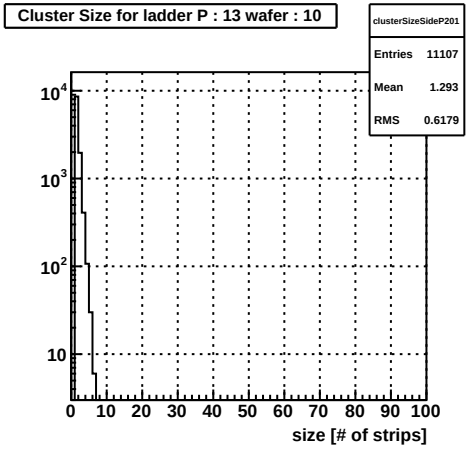

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 9708
Mean 1.274
RMS 0.592
size [# of strips]

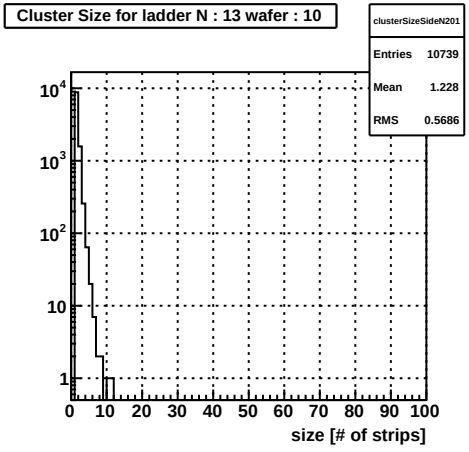

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 11782
Mean 1.328
RMS 0.6696
size [# of strips]

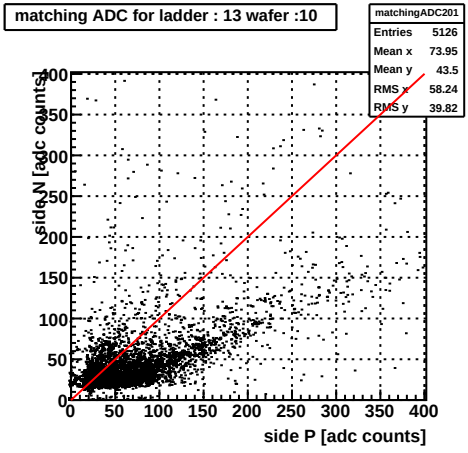

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 7146
Mean x 71.49
Mean y 66.46
RMS x 55.26
RMS y 50.27
side N [adc counts]
side P [adc counts]

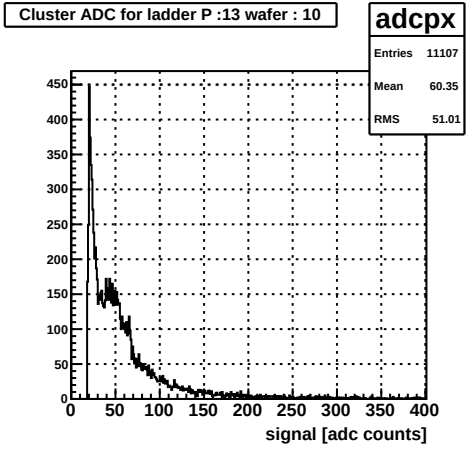

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 9708
Mean 63.4
RMS 55.25
signal [adc counts]

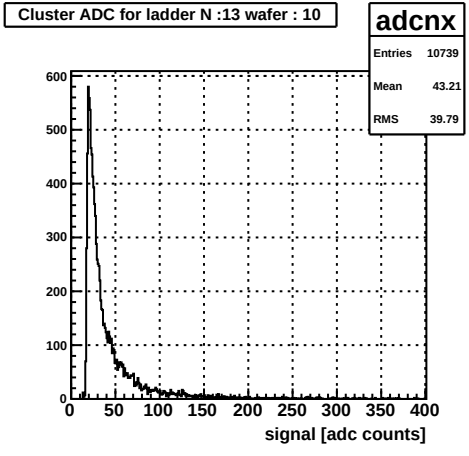

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 11782
Mean 53.29
RMS 48.77
signal [adc counts]

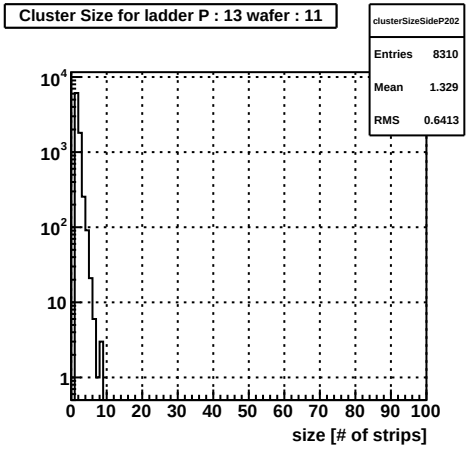

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 11107
Mean 1.293
RMS 0.6179
size [# of strips]

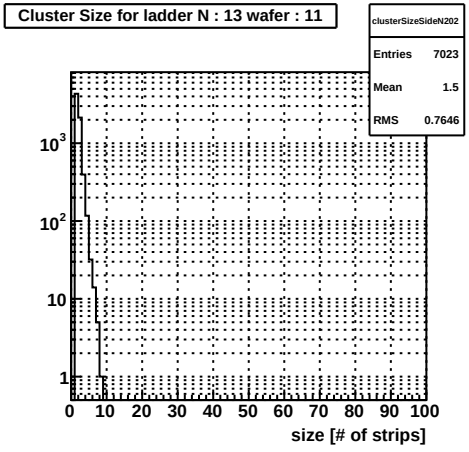

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 10739
Mean 1.228
RMS 0.5686
size [# of strips]

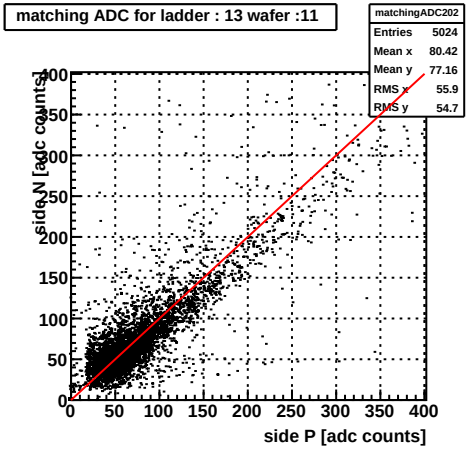

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 5126
Mean x 73.95
Mean y 43.5
RMS x 58.24
RMS y 39.82
side N [adc counts]
side P [adc counts]

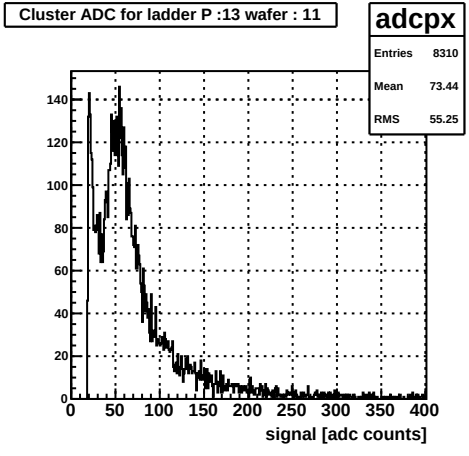

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 11107
Mean 60.35
RMS 51.01
signal [adc counts]

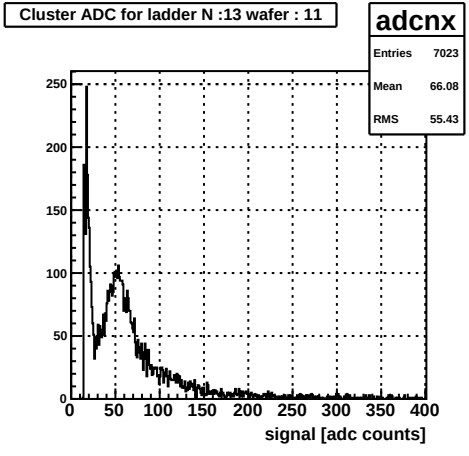

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 10739
Mean 43.21
RMS 39.79
signal [adc counts]

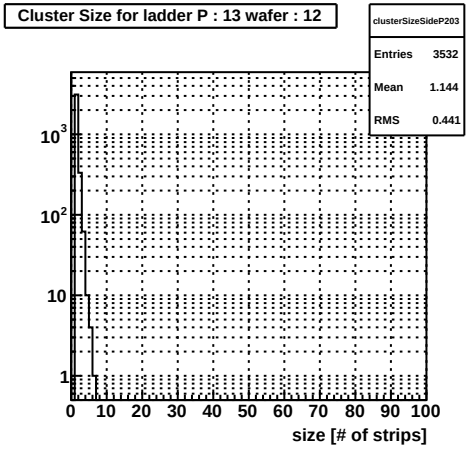

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 8310
Mean 1.329
RMS 0.6413
size [# of strips]

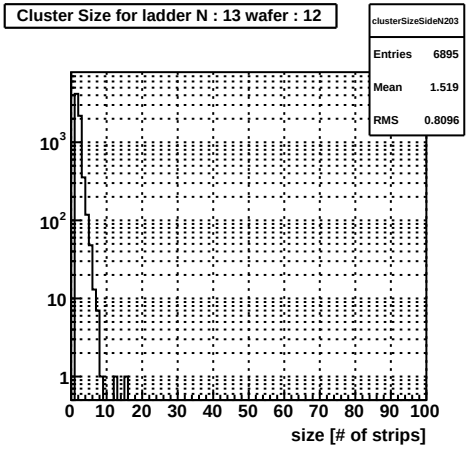

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 7023
Mean 1.5
RMS 0.7646
size [# of strips]

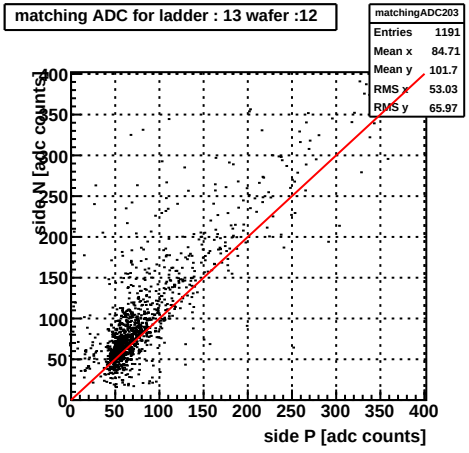

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 5024
Mean x 80.42
Mean y 77.16
RMS x 55.9
RMS y 54.7
side N [adc counts]
side P [adc counts]

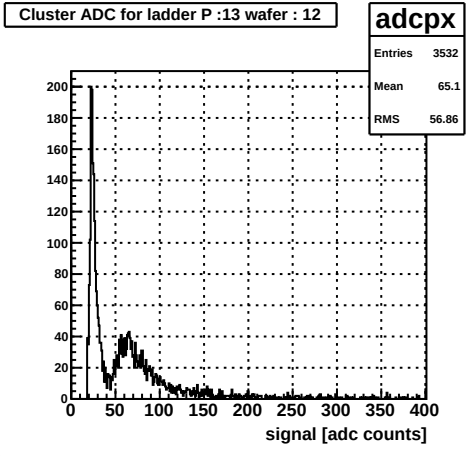

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 8310
Mean 73.44
RMS 55.25
signal [adc counts]

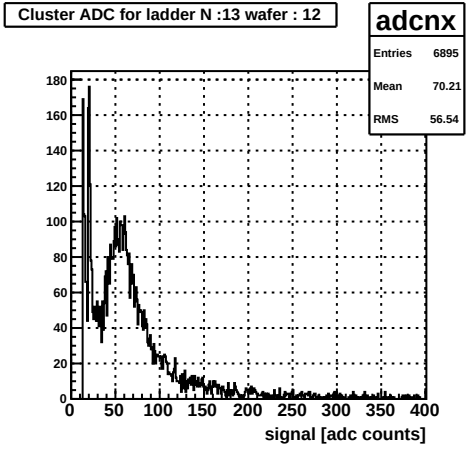

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 7023
Mean 66.08
RMS 55.43
signal [adc counts]

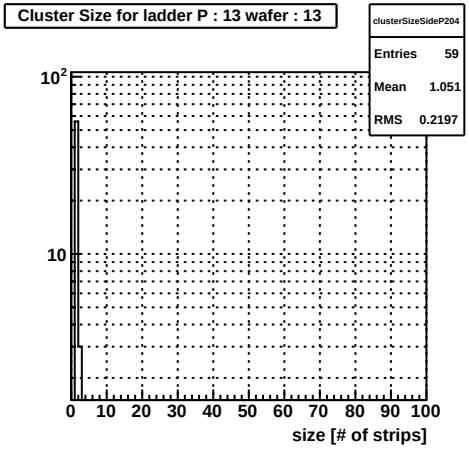

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3532
Mean 1.144
RMS 0.441
size [# of strips]

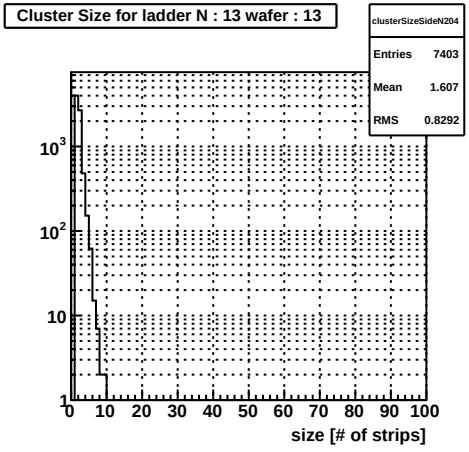

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 6895
Mean 1.519
RMS 0.8096
size [# of strips]

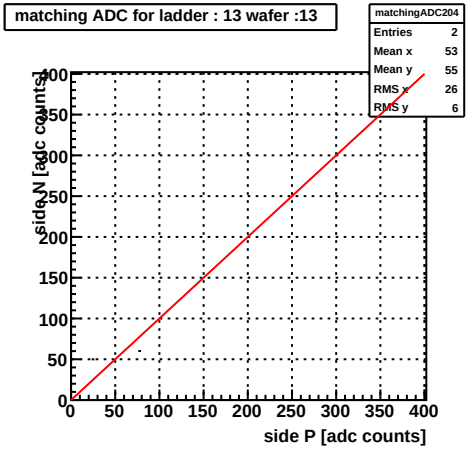

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1191
Mean x 84.71
Mean y 101.7
RMS x 53.03
RMS y 65.97
side N [adc counts]
side P [adc counts]

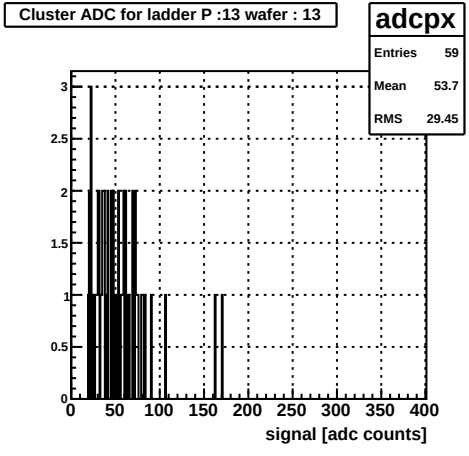

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3532
Mean 65.1
RMS 56.86
signal [adc counts]

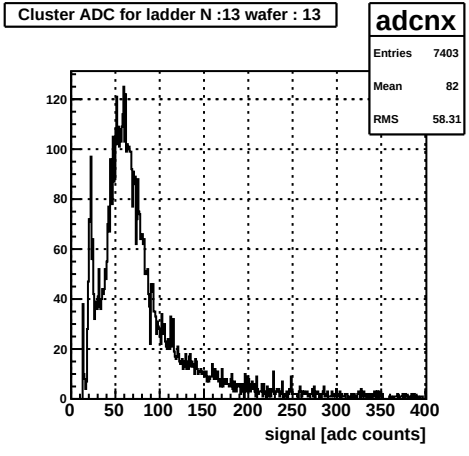

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 6895
Mean 70.21
RMS 56.54
signal [adc counts]

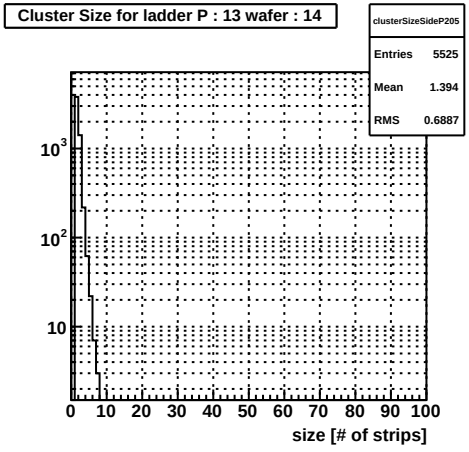

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 59
Mean 1.051
RMS 0.2197
size [# of strips]

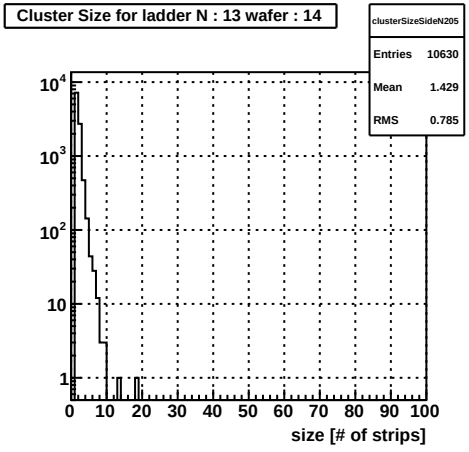

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 7403
Mean 1.607
RMS 0.8292
size [# of strips]

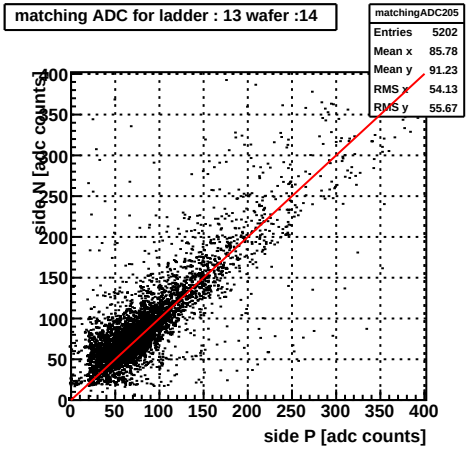

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 53
Mean y 55
RMS x 26
RMS y 6
side N [adc counts]
side P [adc counts]

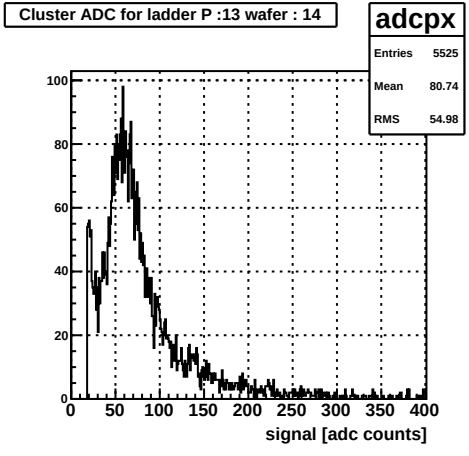

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 59
Mean 53.7
RMS 29.45
signal [adc counts]

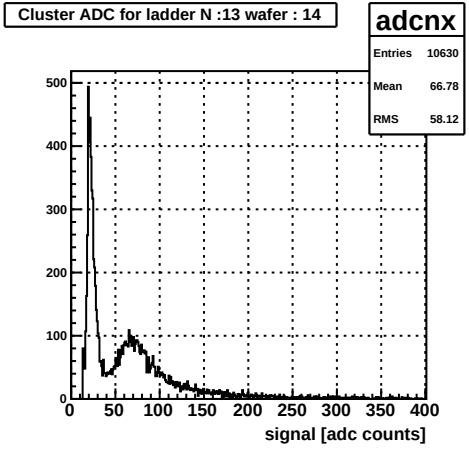

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 7403
Mean 82
RMS 58.31
signal [adc counts]

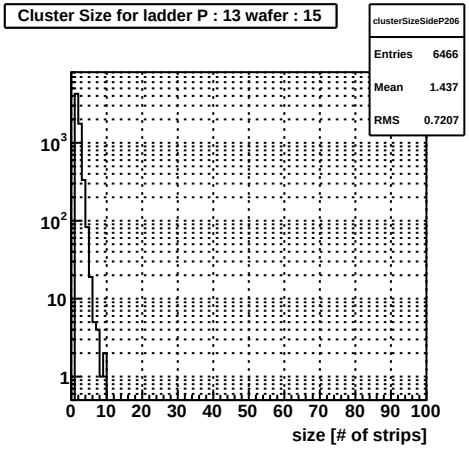

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 5525
Mean 1.394
RMS 0.6887
size [# of strips]

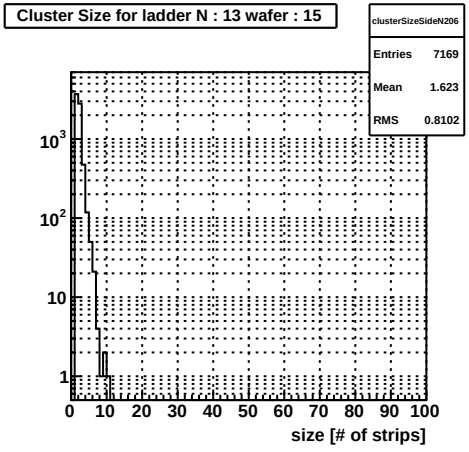

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 10630
Mean 1.429
RMS 0.785
size [# of strips]

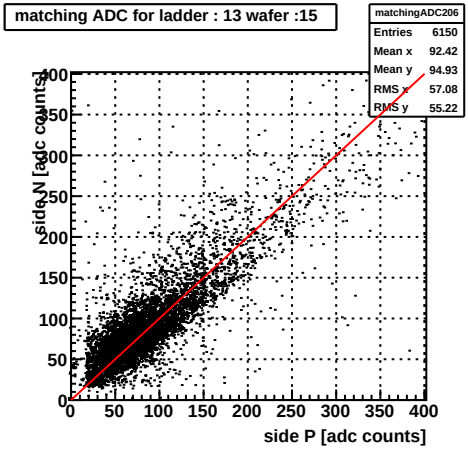

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 5202
Mean x 85.78
Mean y 91.23
RMS x 54.13
RMS y 55.67
side N [adc counts]
side P [adc counts]

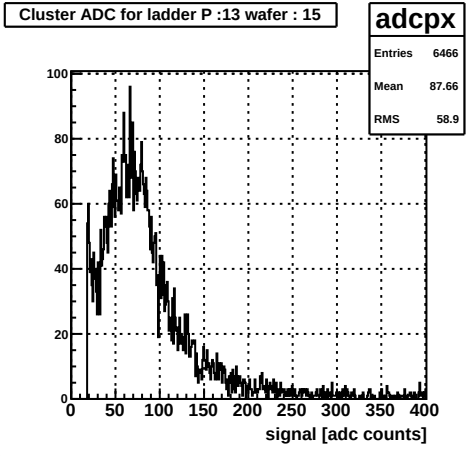

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 5525
Mean 80.74
RMS 54.98
signal [adc counts]

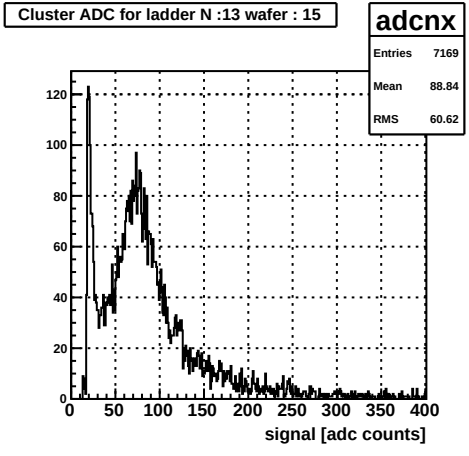

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 10630
Mean 66.78
RMS 58.12
signal [adc counts]

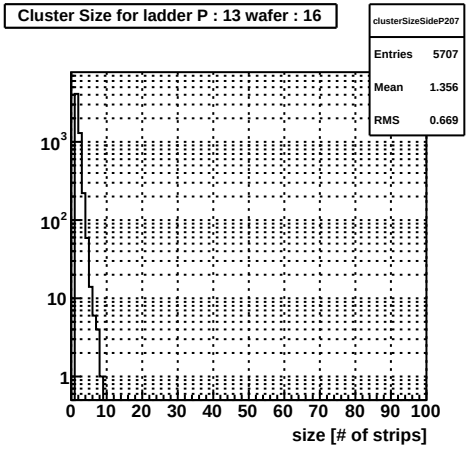

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 6466
Mean 1.437
RMS 0.7207
size [# of strips]

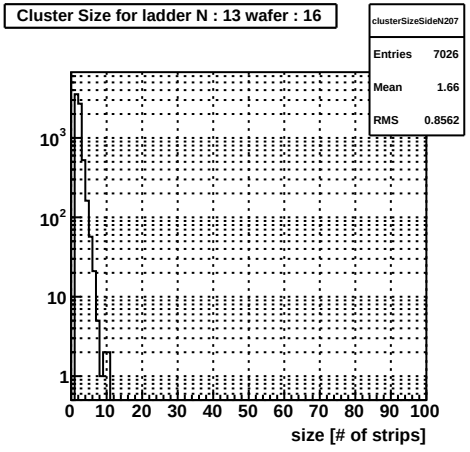

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 7169
Mean 1.623
RMS 0.8102
size [# of strips]

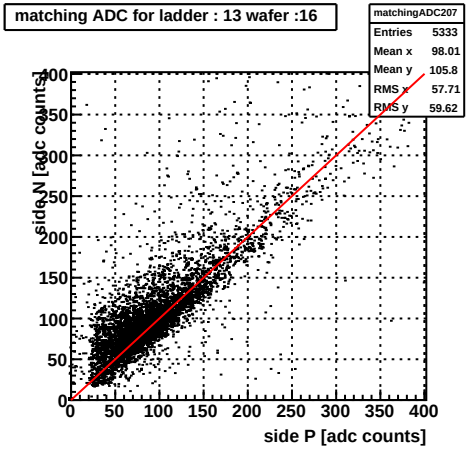

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 6150
Mean x 92.42
Mean y 94.93
RMS x 57.08
RMS y 55.22
side N [adc counts]
side P [adc counts]

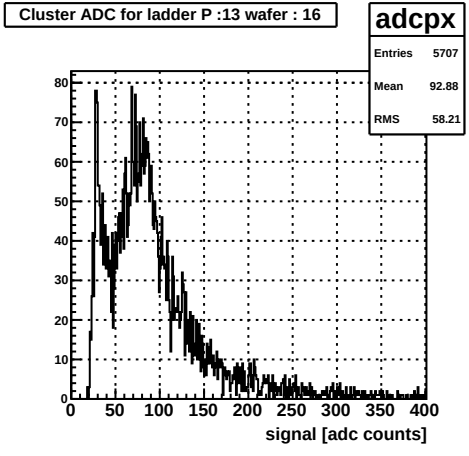

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 6466
Mean 87.66
RMS 58.9
signal [adc counts]

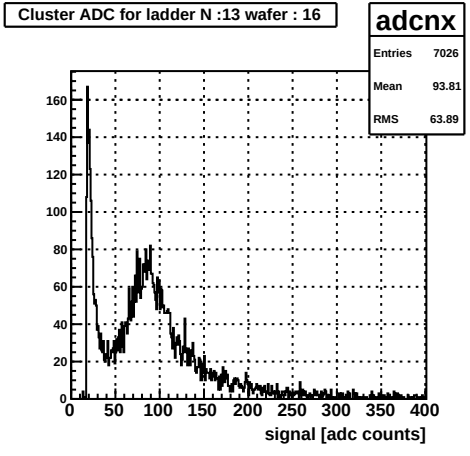

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 7169
Mean 88.84
RMS 60.62
signal [adc counts]

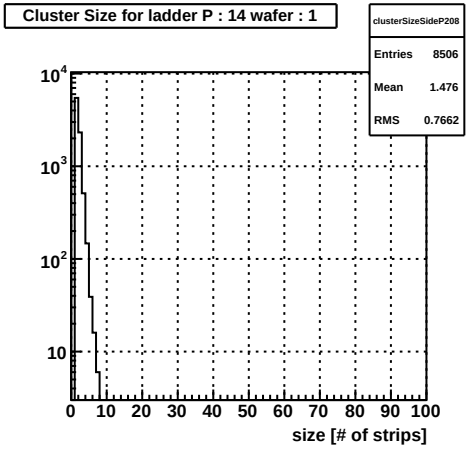

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5707
Mean 1.356
RMS 0.669
size [# of strips]

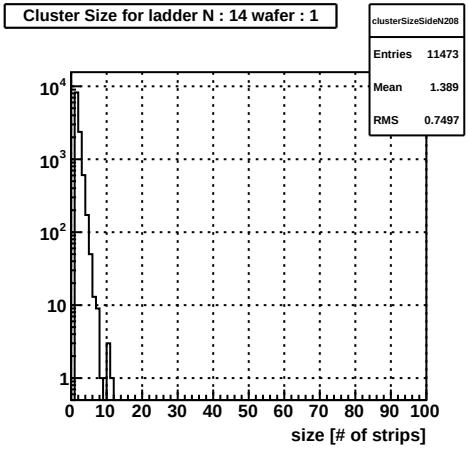

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 7026
Mean 1.66
RMS 0.8562
size [# of strips]

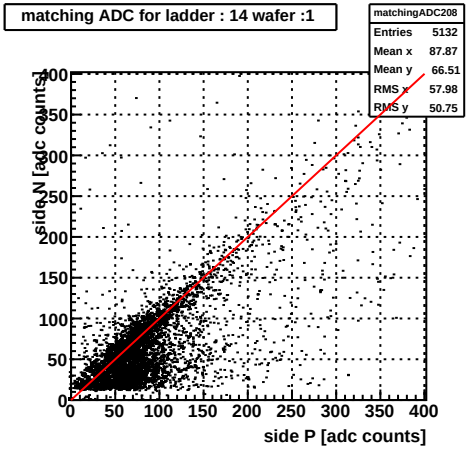

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 5333
Mean x 98.01
Mean y 105.8
RMS x 57.71
RMS y 59.62
side N [adc counts]
side P [adc counts]

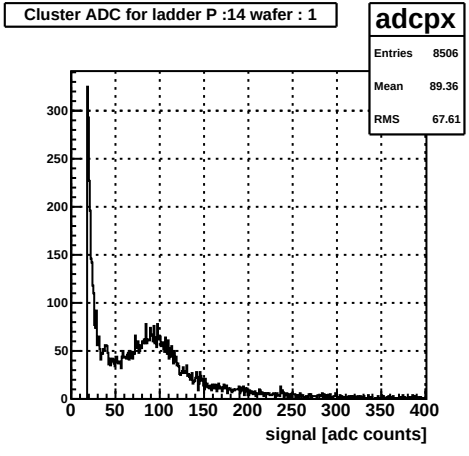

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5707
Mean 92.88
RMS 58.21
signal [adc counts]

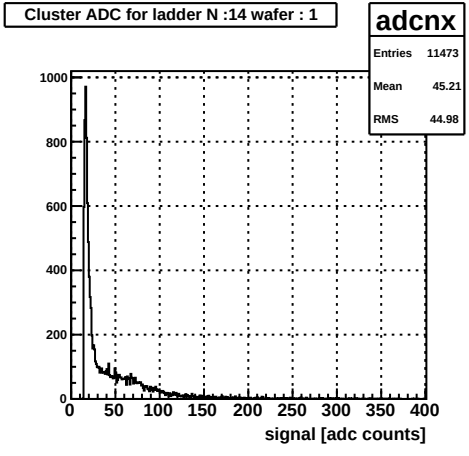

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 7026
Mean 93.81
RMS 63.89
signal [adc counts]

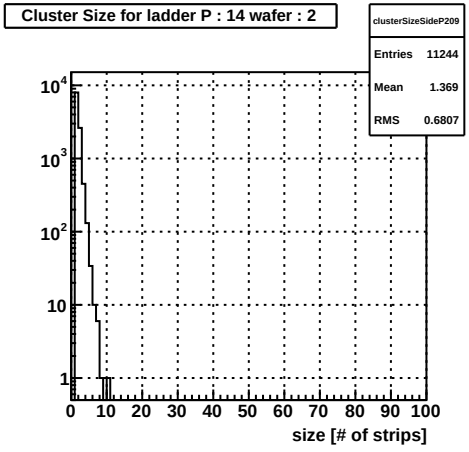

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 8506
Mean 1.476
RMS 0.7662
size [# of strips]

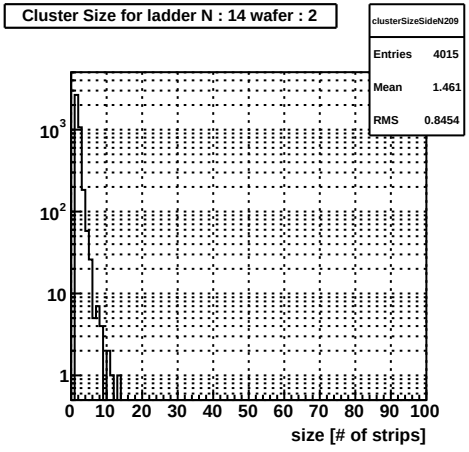

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 11473
Mean 1.389
RMS 0.7497
size [# of strips]

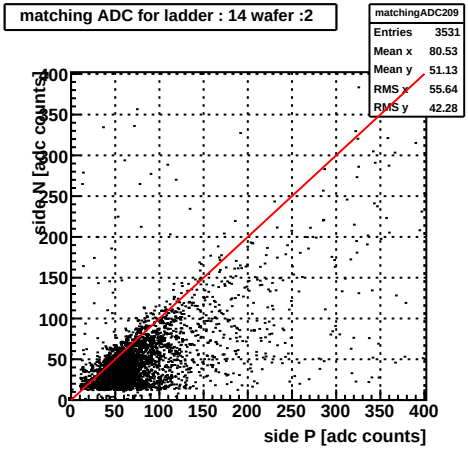

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 5132
Mean x 87.87
Mean y 66.51
RMS x 57.98
RMS y 50.75
side N [adc counts]
side P [adc counts]

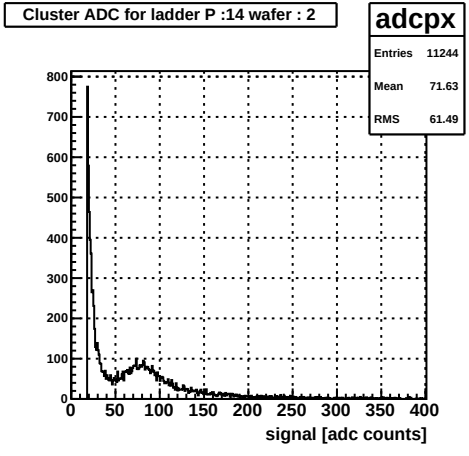

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 8506
Mean 89.36
RMS 67.61
signal [adc counts]

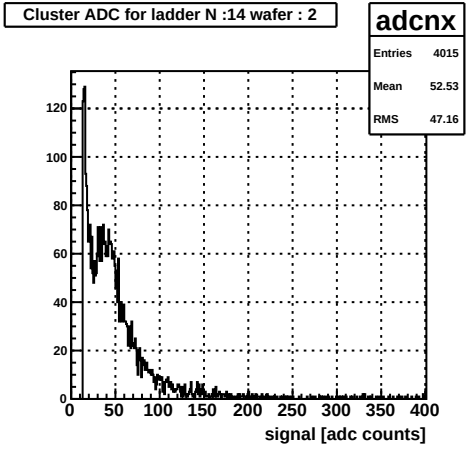

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 11473
Mean 45.21
RMS 44.98
signal [adc counts]

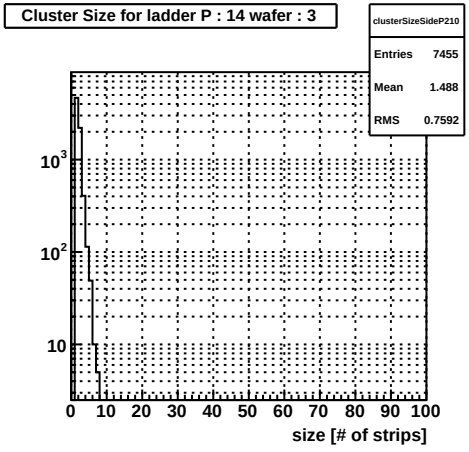

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 11244
Mean 1.369
RMS 0.6807
size [# of strips]

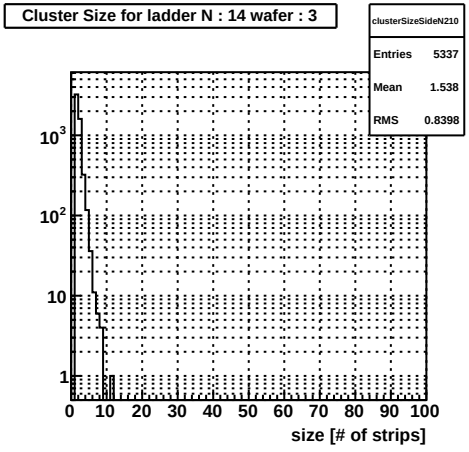

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 4015
Mean 1.461
RMS 0.8454
size [# of strips]

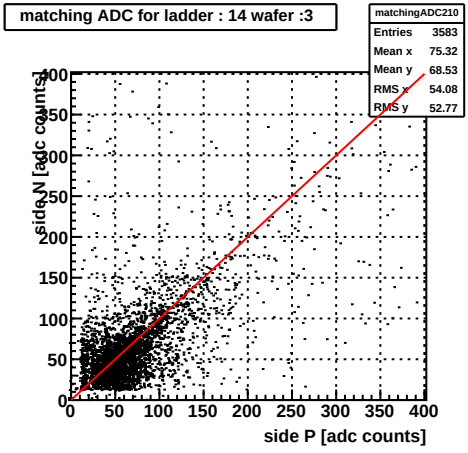

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 3531
Mean x 80.53
Mean y 51.13
RMS x 55.64
RMS y 42.28
side N [adc counts]
side P [adc counts]

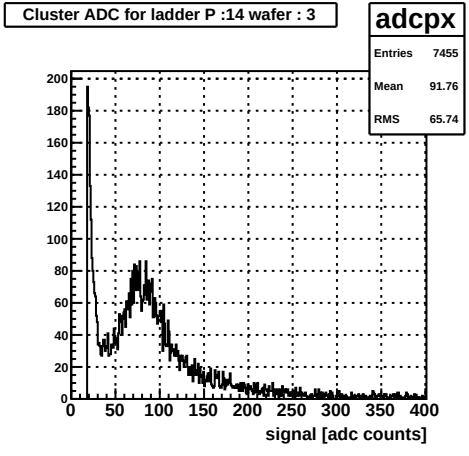

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 11244
Mean 71.63
RMS 61.49
signal [adc counts]

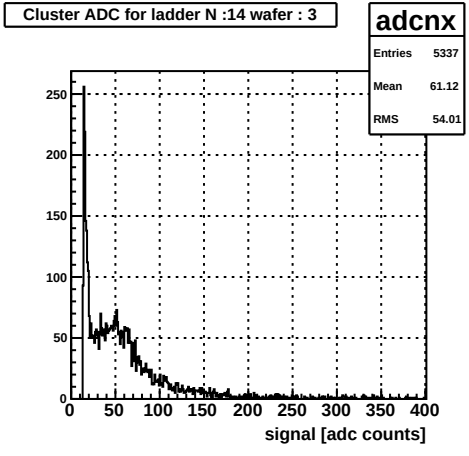

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 4015
Mean 52.53
RMS 47.16
signal [adc counts]

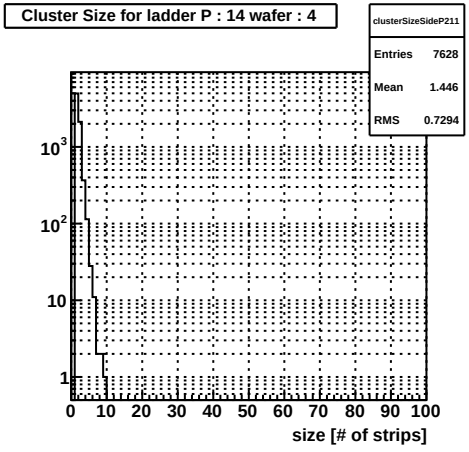

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 7455
Mean 1.488
RMS 0.7592
size [# of strips]

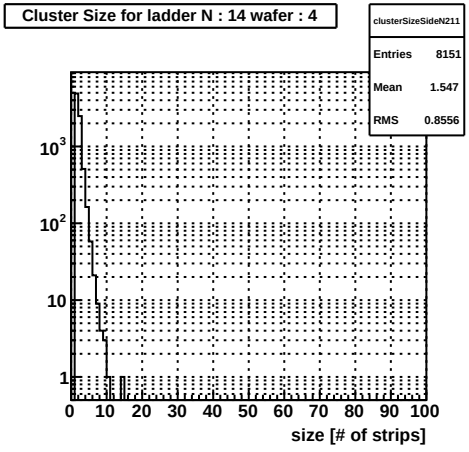

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 5337
Mean 1.538
RMS 0.8398
size [# of strips]

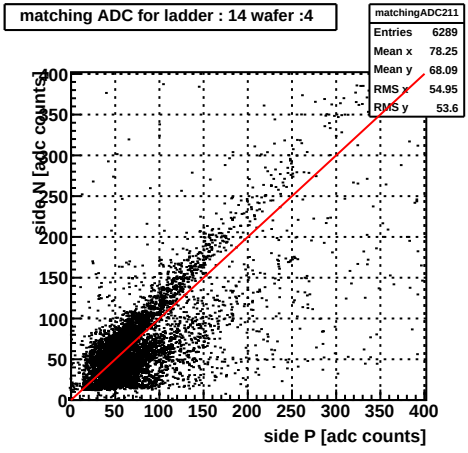

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 3583
Mean x 75.32
Mean y 68.53
RMS x 54.08
RMS y 52.77
side N [adc counts]
side P [adc counts]

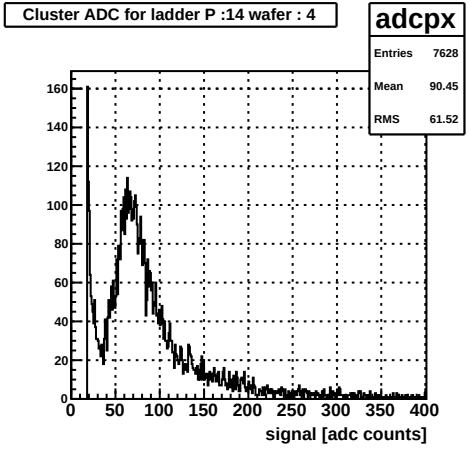

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 7455
Mean 91.76
RMS 65.74
signal [adc counts]

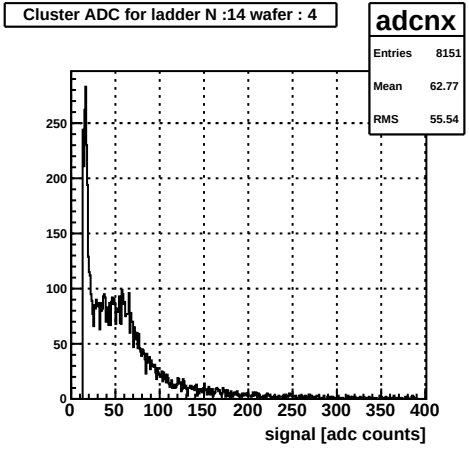

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 5337
Mean 61.12
RMS 54.01
signal [adc counts]

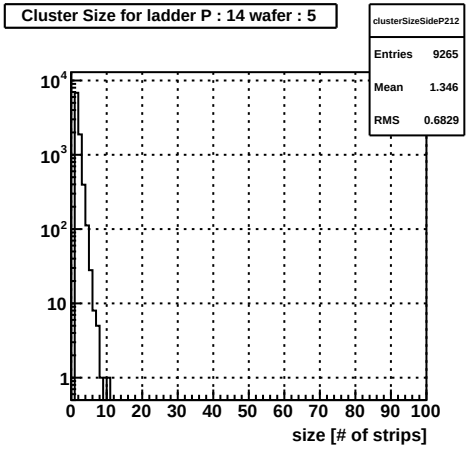

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 7628
Mean 1.446
RMS 0.7294
size [# of strips]

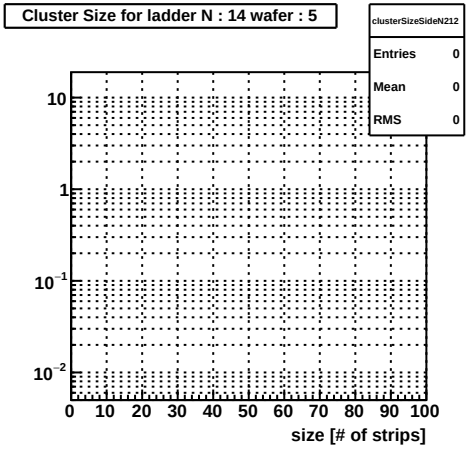

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 8151
Mean 1.547
RMS 0.8556
size [# of strips]

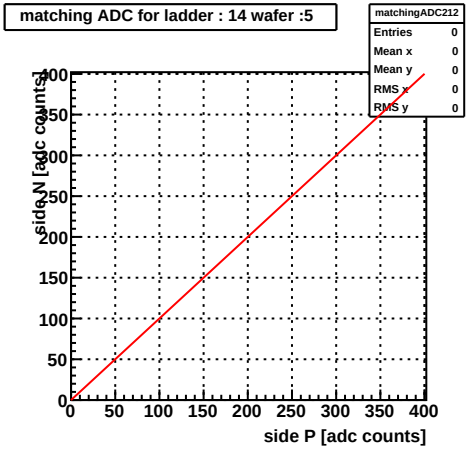

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 6289
Mean x 78.25
Mean y 68.09
RMS x 54.95
RMS y 53.6
side N [adc counts]
side P [adc counts]

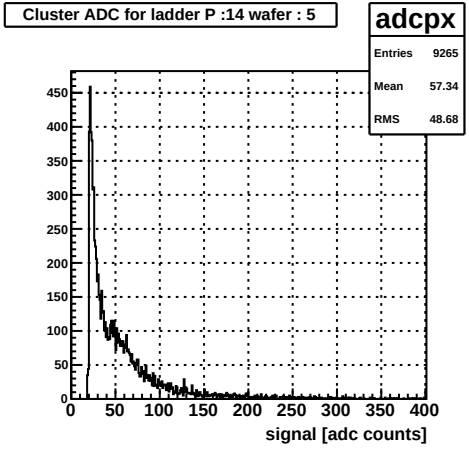

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 7628
Mean 90.45
RMS 61.52
signal [adc counts]

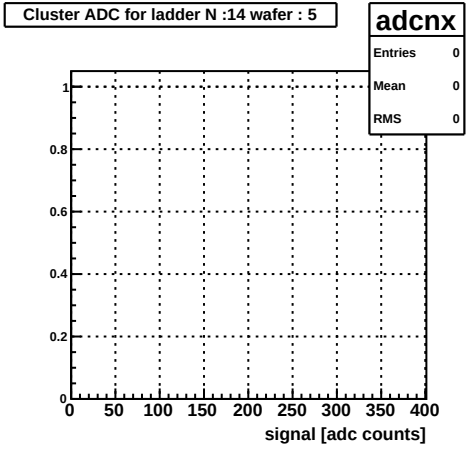

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 8151
Mean 62.77
RMS 55.54
signal [adc counts]

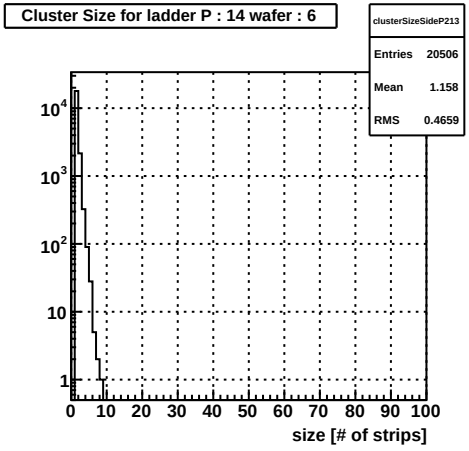

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 9265
Mean 1.346
RMS 0.6829
size [# of strips]

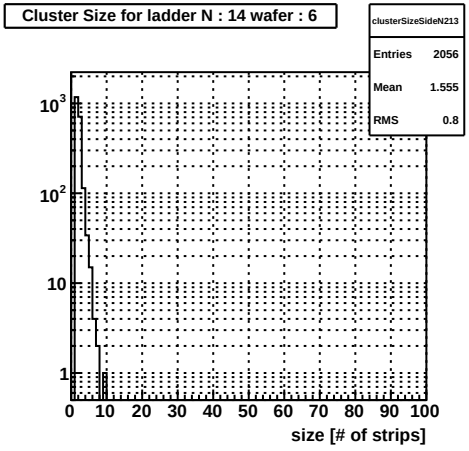

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

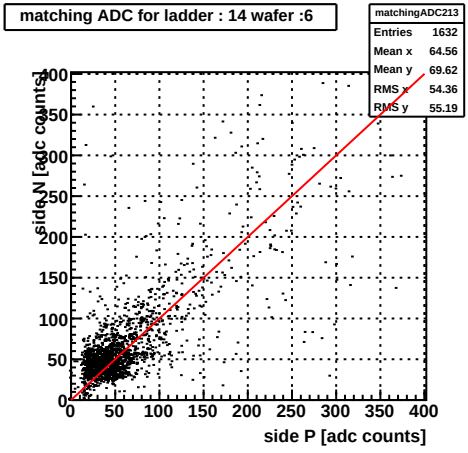

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

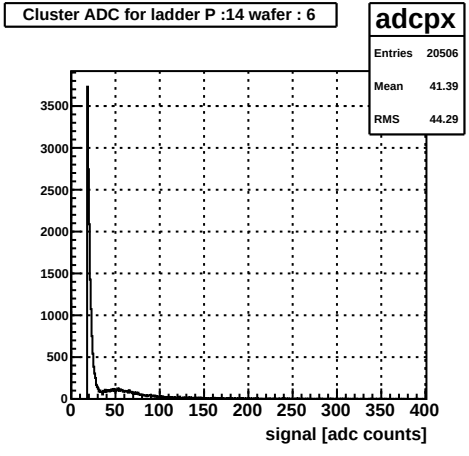

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 9265
Mean 57.34
RMS 48.68
signal [adc counts]

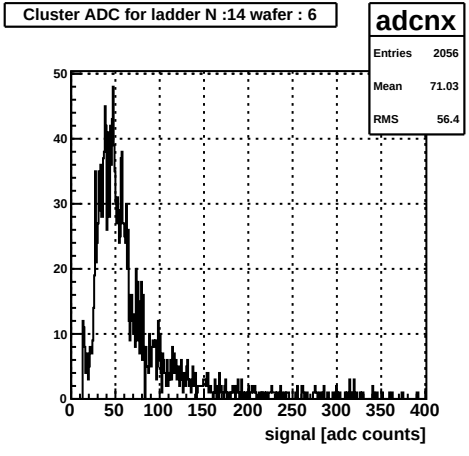

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

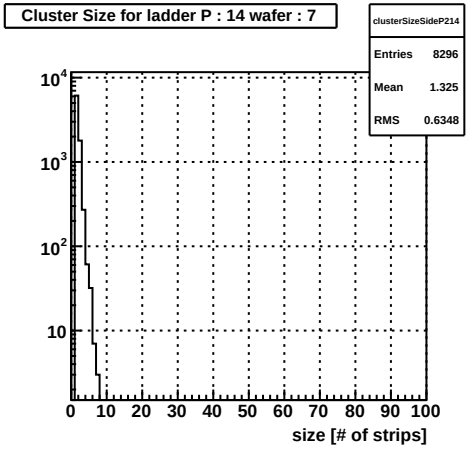

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 20506
Mean 1.158
RMS 0.4659
size [# of strips]

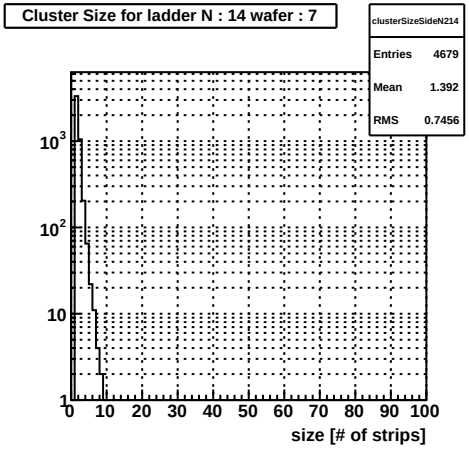

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2056
Mean 1.555
RMS 0.8
size [# of strips]

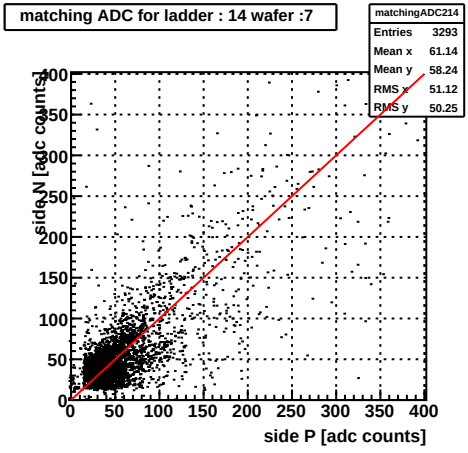

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1632
Mean x 64.56
Mean y 69.62
RMS x 54.36
RMS y 55.19
side N [adc counts]
side P [adc counts]

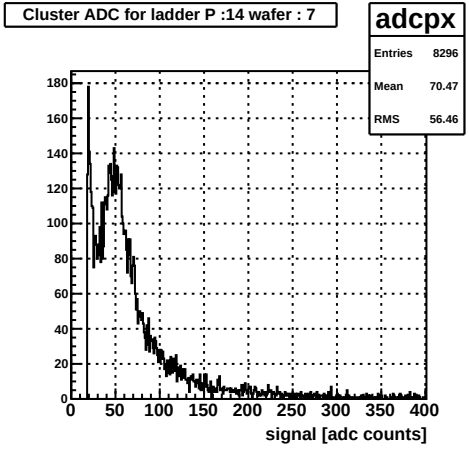

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 20506
Mean 41.39
RMS 44.29
signal [adc counts]

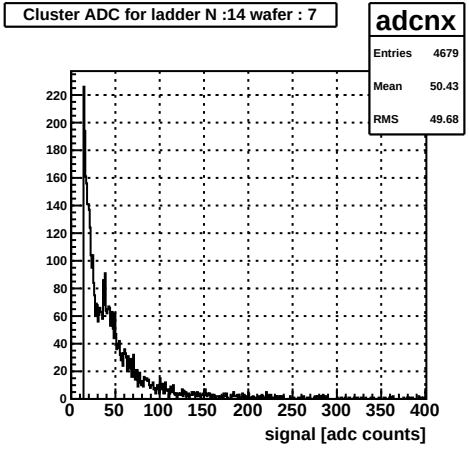

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2056
Mean 71.03
RMS 56.4
signal [adc counts]

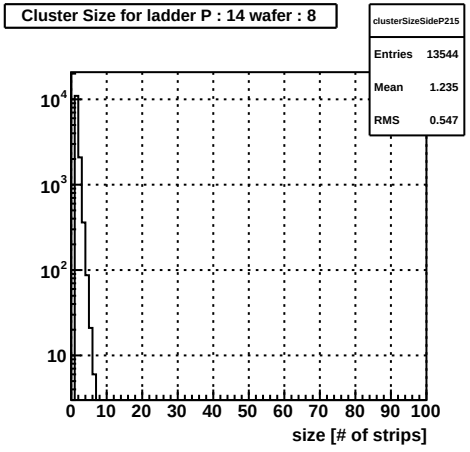

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 8296
Mean 1.325
RMS 0.6348
size [# of strips]

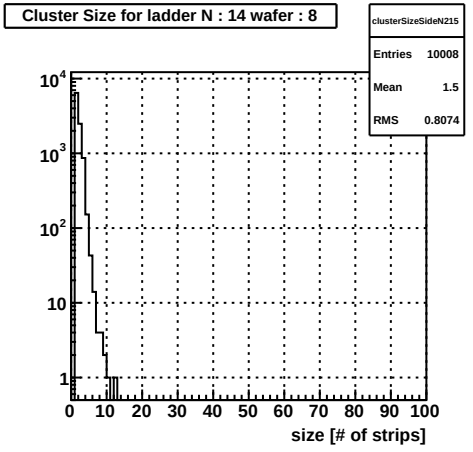

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 4679
Mean 1.392
RMS 0.7456
size [# of strips]

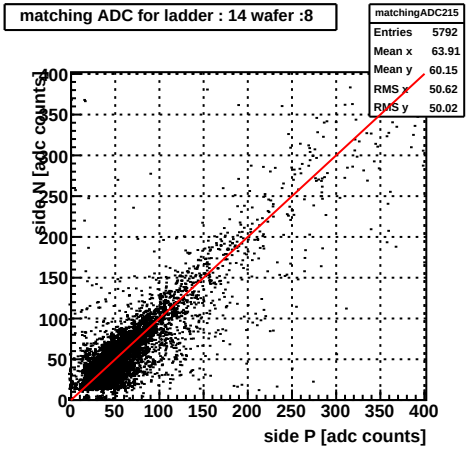

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 3293
Mean x 61.14
Mean y 58.24
RMS x 51.12
RMS y 50.25
side N [adc counts]
side P [adc counts]

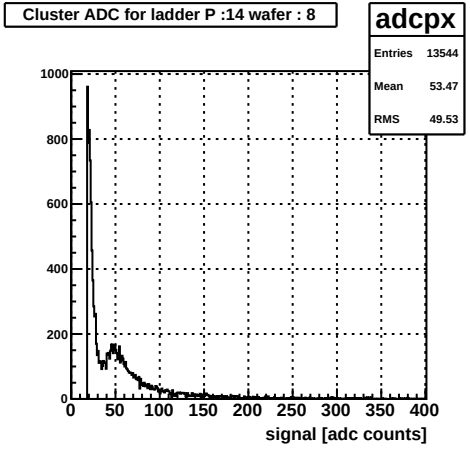

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 8296
Mean 70.47
RMS 56.46
signal [adc counts]

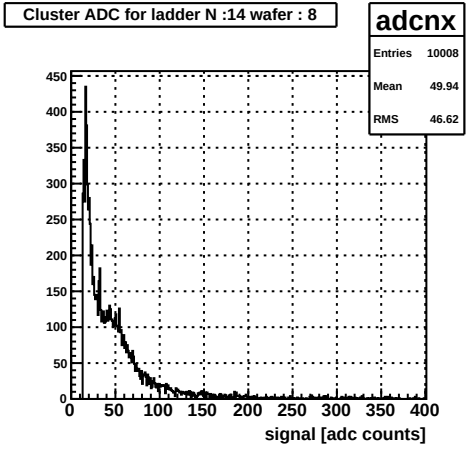

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 4679
Mean 50.43
RMS 49.68
signal [adc counts]

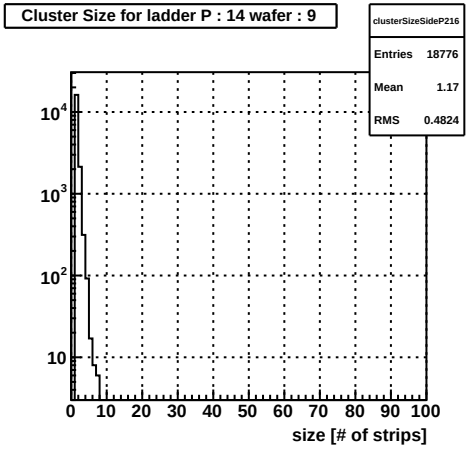

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13544
Mean 1.235
RMS 0.547
size [# of strips]

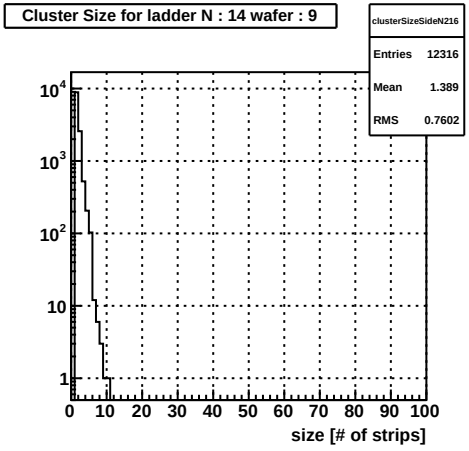

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 10008
Mean 1.5
RMS 0.8074
size [# of strips]

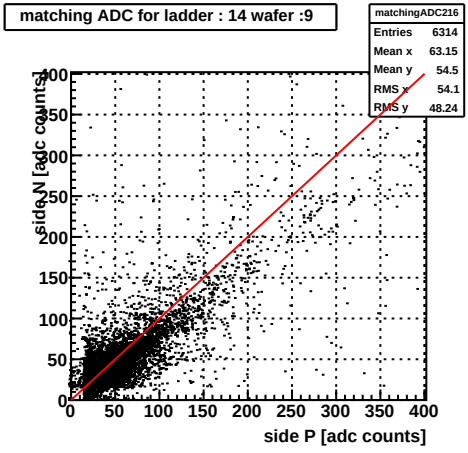

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 5792
Mean x 63.91
Mean y 60.15
RMS x 50.62
RMS y 50.02
side N [adc counts]
side P [adc counts]

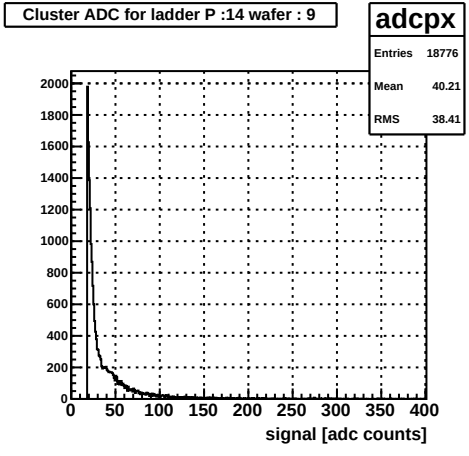

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13544
Mean 53.47
RMS 49.53
signal [adc counts]

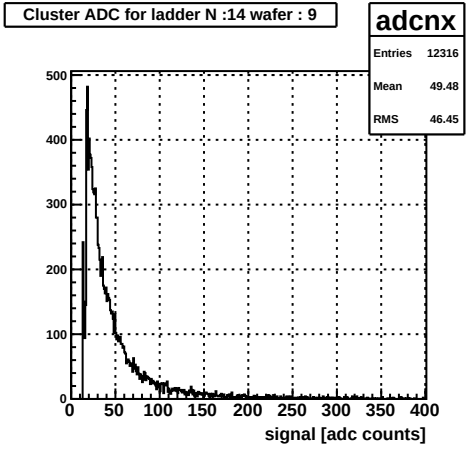

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 10008
Mean 49.94
RMS 46.62
signal [adc counts]

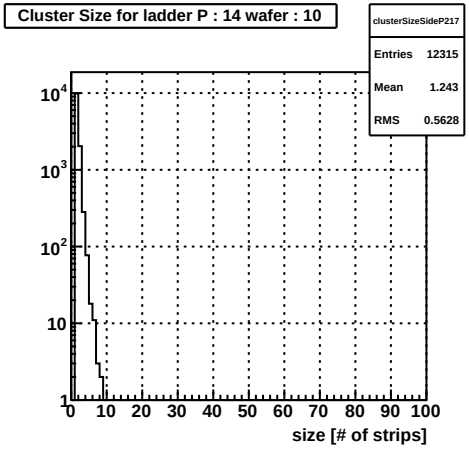

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 18776
Mean 1.17
RMS 0.4824
size [# of strips]

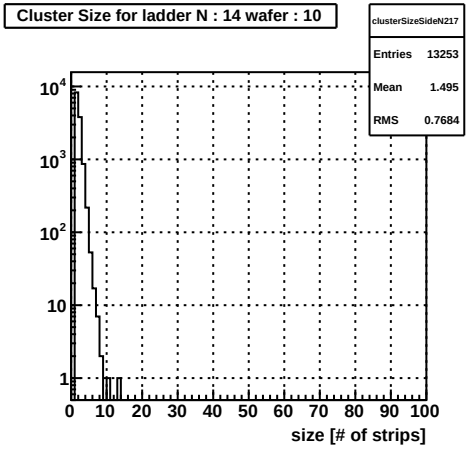

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 12316
Mean 1.389
RMS 0.7602
size [# of strips]

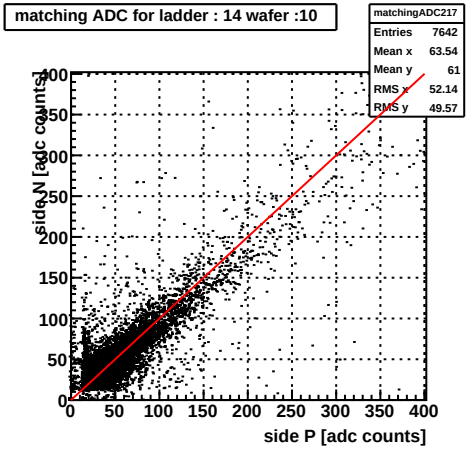

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6314
Mean x 63.15
Mean y 54.5
RMS x 54.1
RMS y 48.24
side N [adc counts]
side P [adc counts]

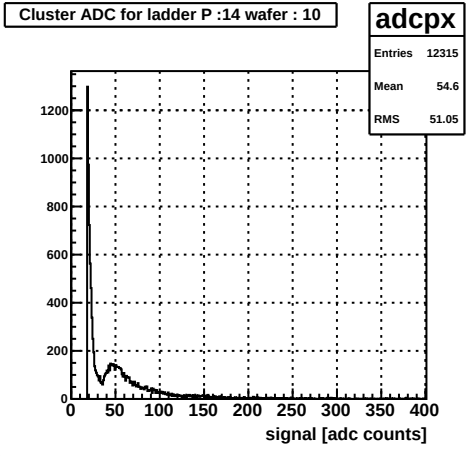

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 18776
Mean 40.21
RMS 38.41
signal [adc counts]

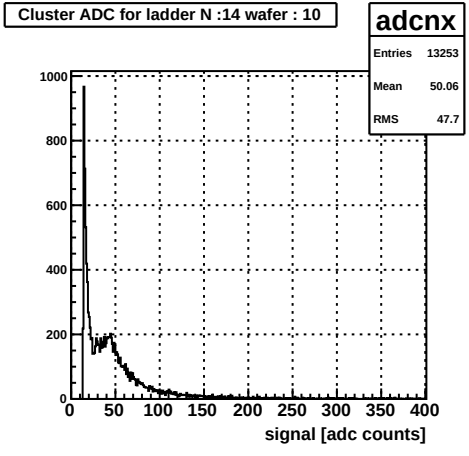

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 12316
Mean 49.48
RMS 46.45
signal [adc counts]

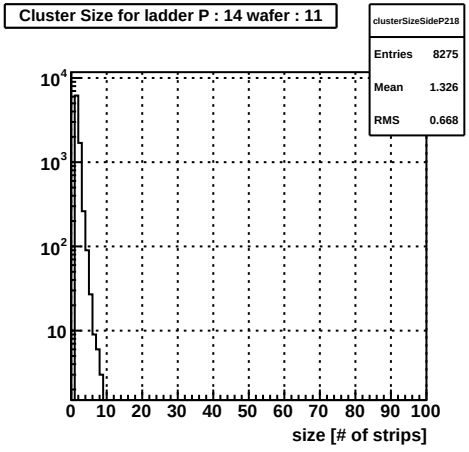

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 12315
Mean 1.243
RMS 0.5628
size [# of strips]

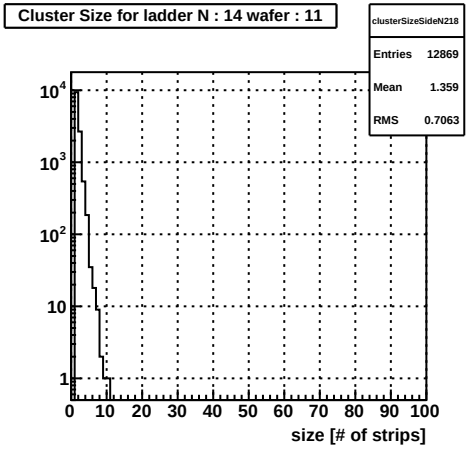

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 13253
Mean 1.495
RMS 0.7684
size [# of strips]

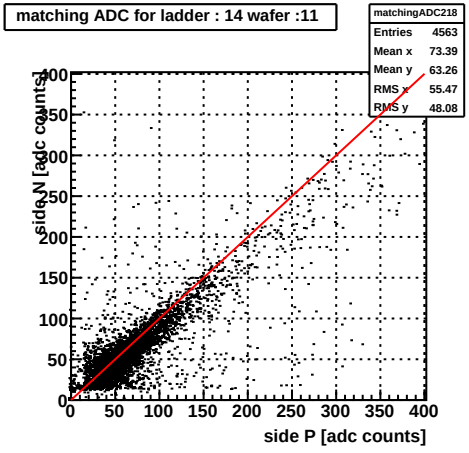

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 7642
Mean x 63.54
Mean y 61
RMS x 52.14
RMS y 49.57
side N [adc counts]
side P [adc counts]

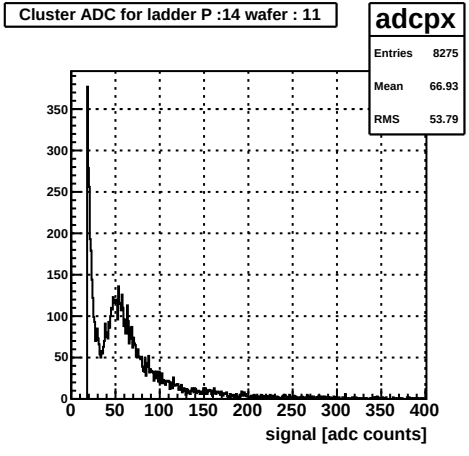

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 12315
Mean 54.6
RMS 51.05
signal [adc counts]

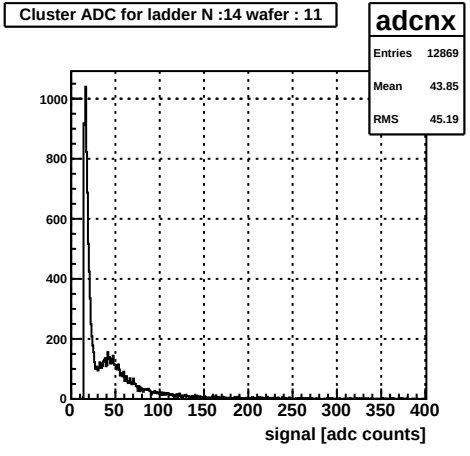

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 13253
Mean 50.06
RMS 47.7
signal [adc counts]

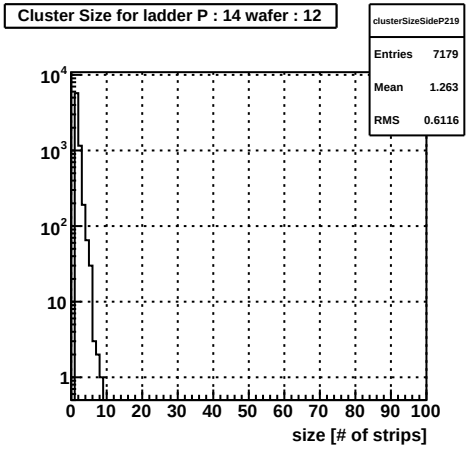

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 8275
Mean 1.326
RMS 0.668
size [# of strips]

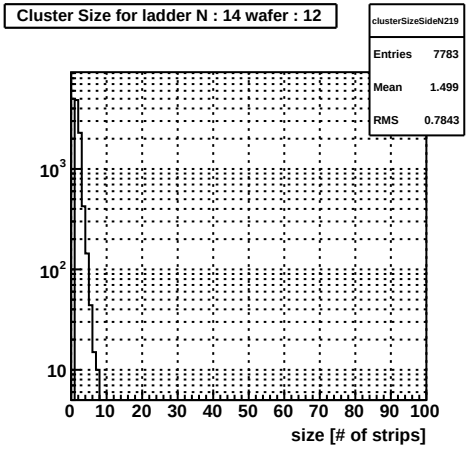

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 12869
Mean 1.359
RMS 0.7063
size [# of strips]

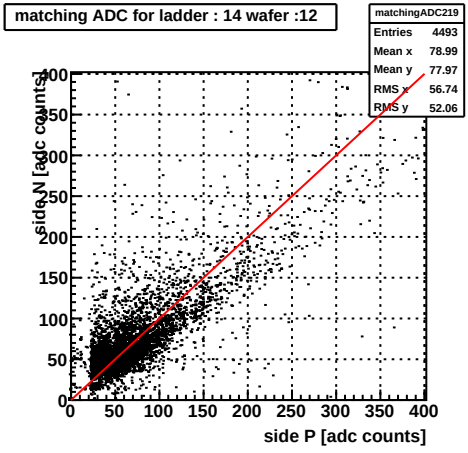

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 4563
Mean x 73.39
Mean y 63.26
RMS x 55.47
RMS y 48.08
side N [adc counts]
side P [adc counts]

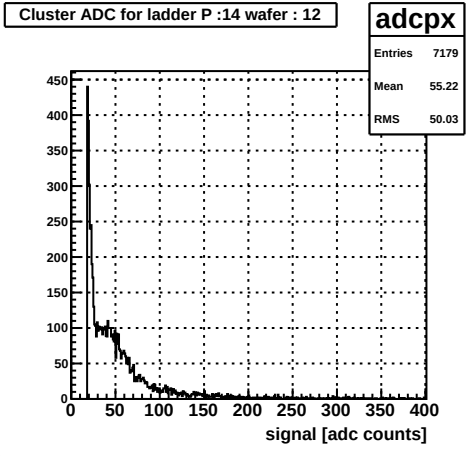

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 8275
Mean 66.93
RMS 53.79
signal [adc counts]

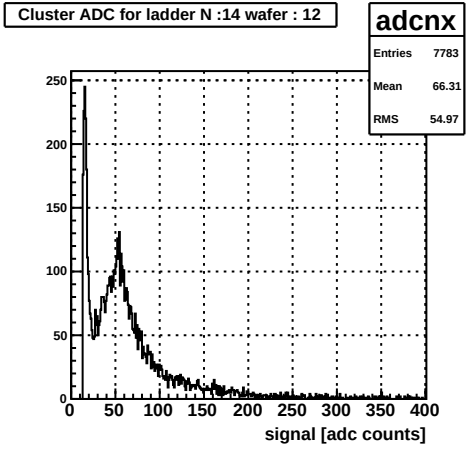

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 12869
Mean 43.85
RMS 45.19
signal [adc counts]

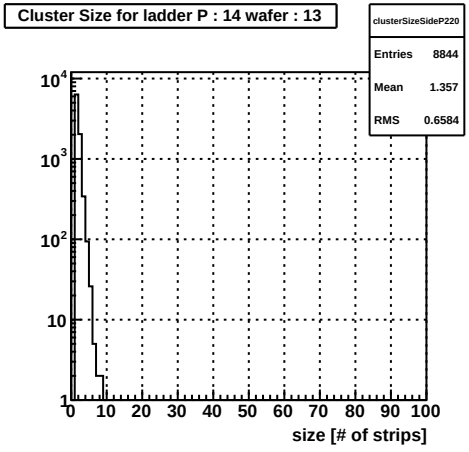

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 7179
Mean 1.263
RMS 0.6116
size [# of strips]

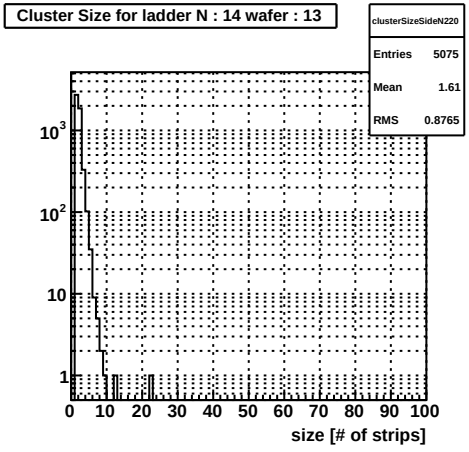

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 7783
Mean 1.499
RMS 0.7843
size [# of strips]

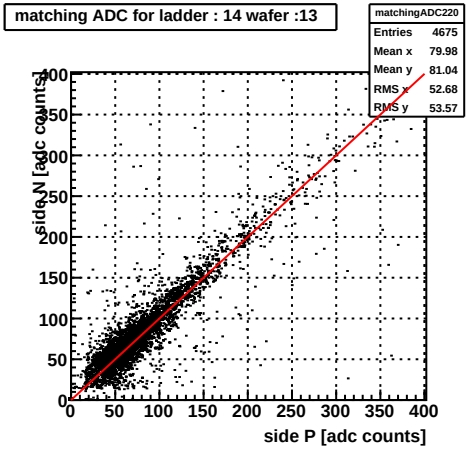

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 4493
Mean x 78.99
Mean y 77.97
RMS x 56.74
RMS y 52.06
side N [adc counts]
side P [adc counts]

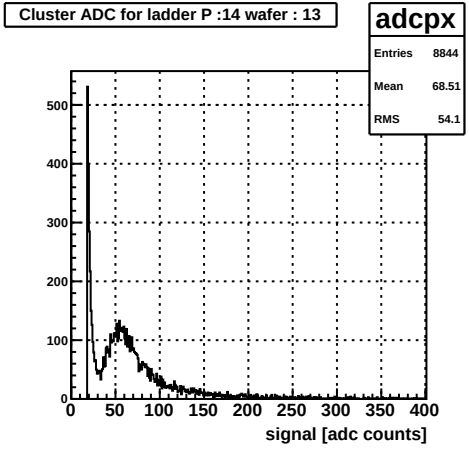

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 7179
Mean 55.22
RMS 50.03
signal [adc counts]

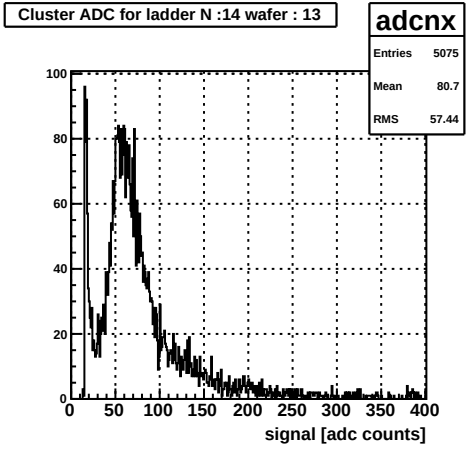

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 7783
Mean 66.31
RMS 54.97
signal [adc counts]

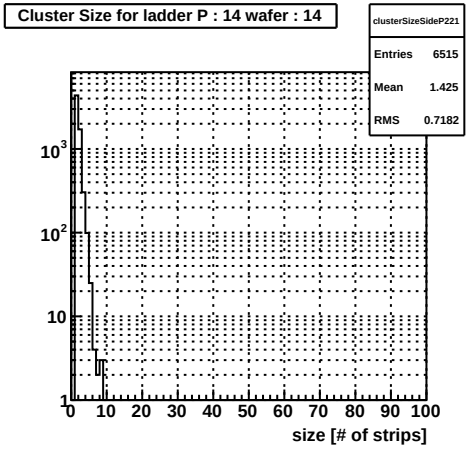

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8844
Mean 1.357
RMS 0.6584
size [# of strips]

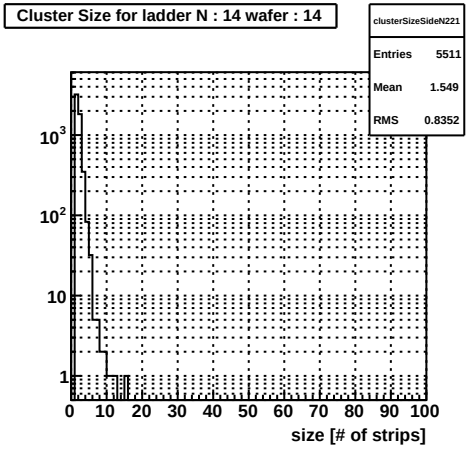

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 5075
Mean 1.61
RMS 0.8765
size [# of strips]

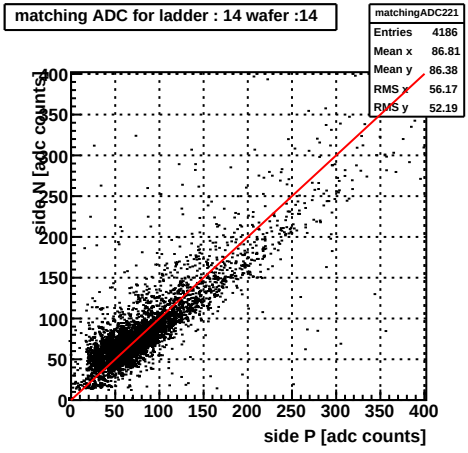

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 4675
Mean x 79.98
Mean y 81.04
RMS x 52.68
RMS y 53.57
side N [adc counts]
side P [adc counts]

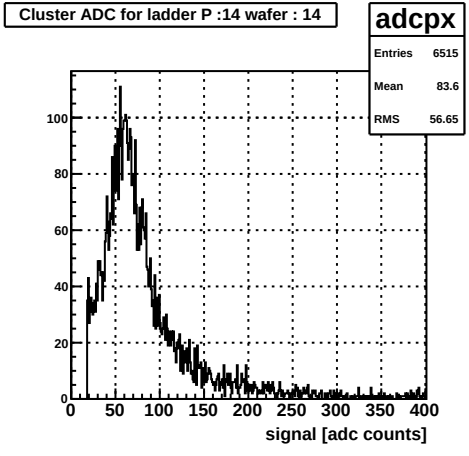

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8844
Mean 68.51
RMS 54.1
signal [adc counts]

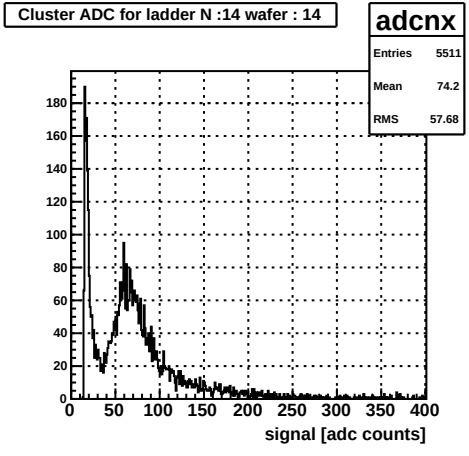

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 5075
Mean 80.7
RMS 57.44
signal [adc counts]

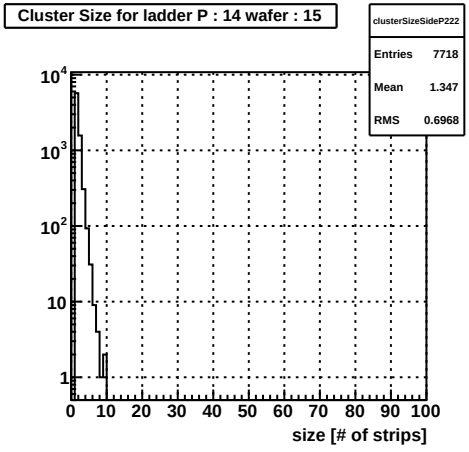

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 6515
Mean 1.425
RMS 0.7182
size [# of strips]

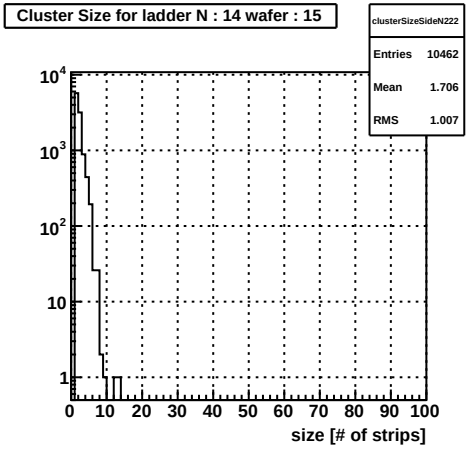

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 5511
Mean 1.549
RMS 0.8352
size [# of strips]

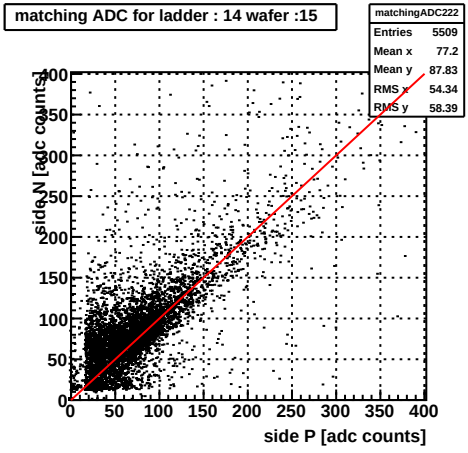

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 4186
Mean x 86.81
Mean y 86.38
RMS x 56.17
RMS y 52.19
side N [adc counts]
side P [adc counts]

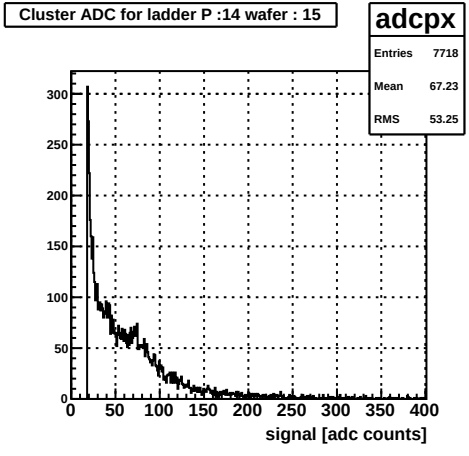

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 6515
Mean 83.6
RMS 56.65
signal [adc counts]

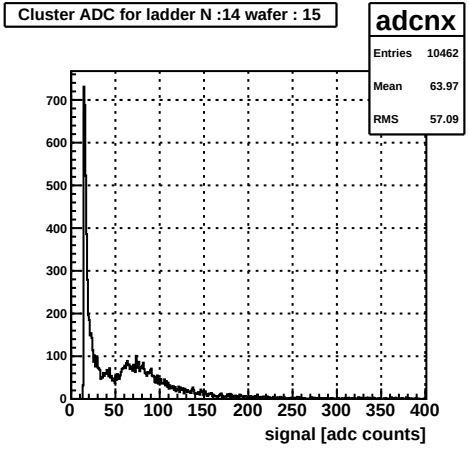

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 5511
Mean 74.2
RMS 57.68
signal [adc counts]

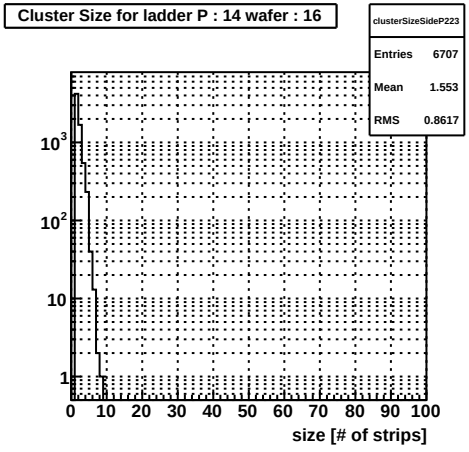

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 7718
Mean 1.347
RMS 0.6968
size [# of strips]

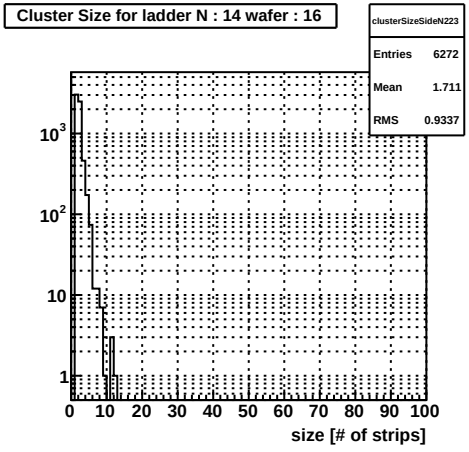

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 10462
Mean 1.706
RMS 1.007
size [# of strips]

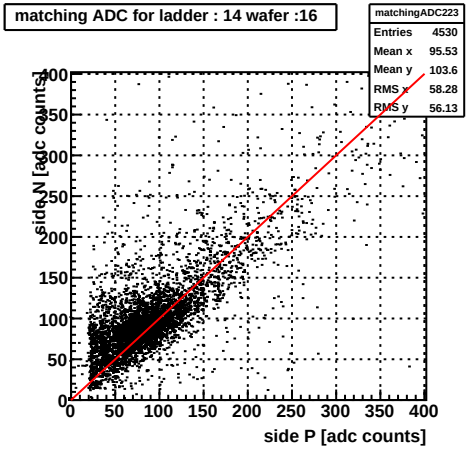

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 5509
Mean x 77.2
Mean y 87.83
RMS x 54.34
RMS y 58.39
side N [adc counts]
side P [adc counts]

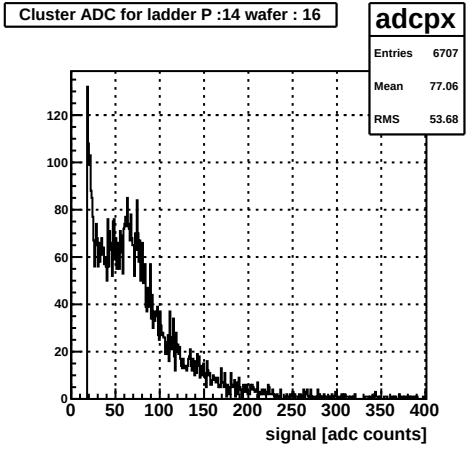

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 7718
Mean 67.23
RMS 53.25
signal [adc counts]

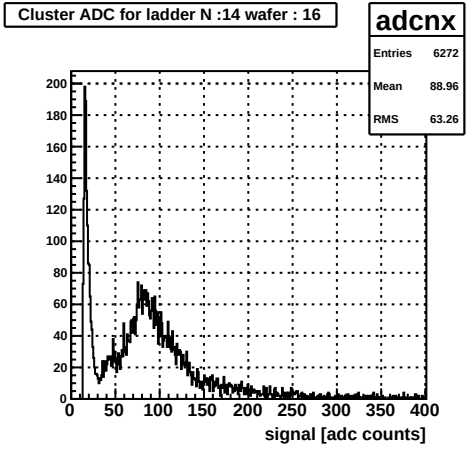

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 10462
Mean 63.97
RMS 57.09
signal [adc counts]

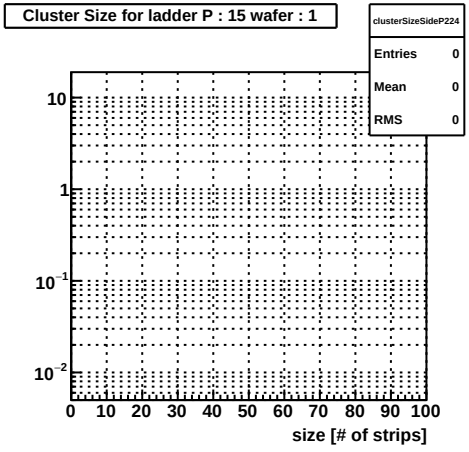

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 6707
Mean 1.553
RMS 0.8617
size [# of strips]

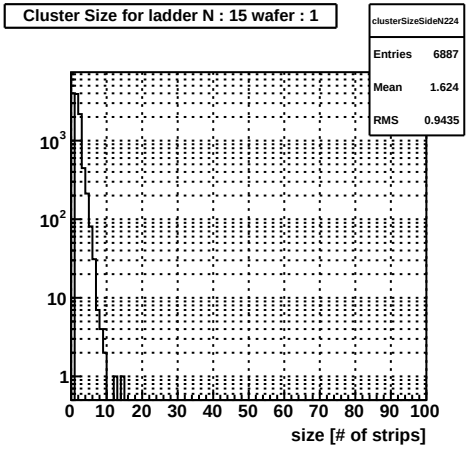

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 6272
Mean 1.711
RMS 0.9337
size [# of strips]

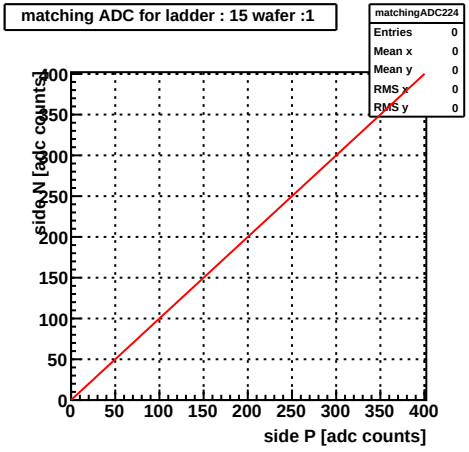

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 4530
Mean x 95.53
Mean y 103.6
RMS x 58.28
RMS y 56.13
side N [adc counts]
side P [adc counts]

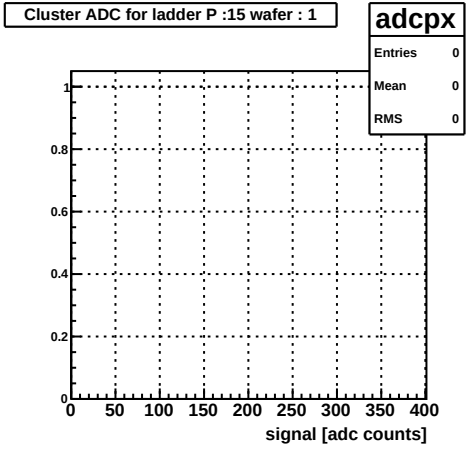

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 6707
Mean 77.06
RMS 53.68
signal [adc counts]

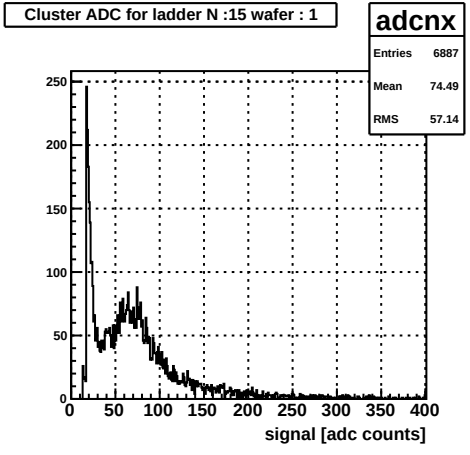

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 6272
Mean 88.96
RMS 63.26
signal [adc counts]

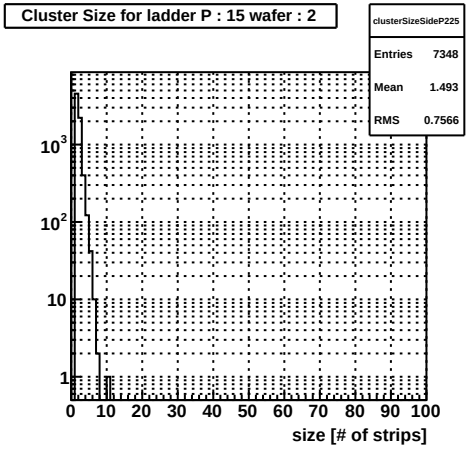

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

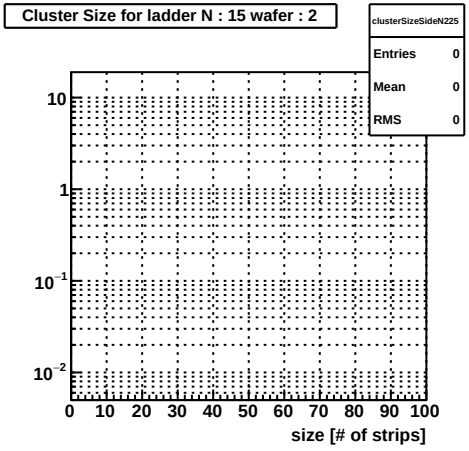

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 6887
Mean 1.624
RMS 0.9435
size [# of strips]

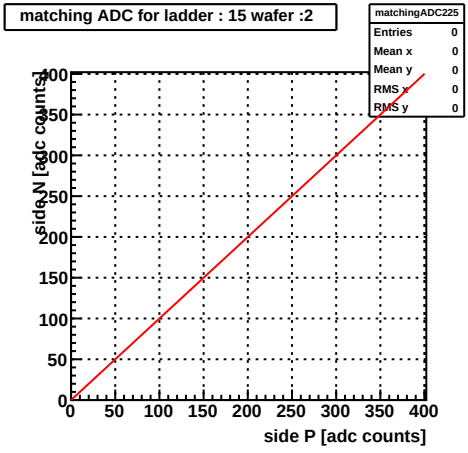

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

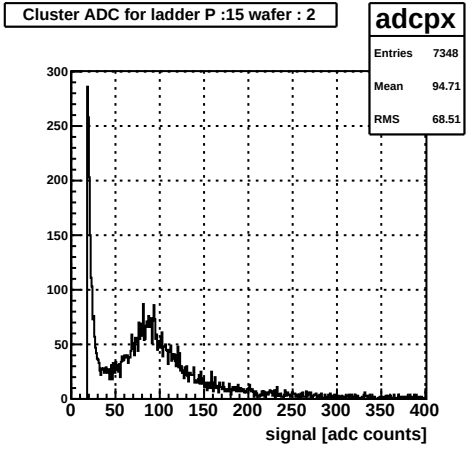

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

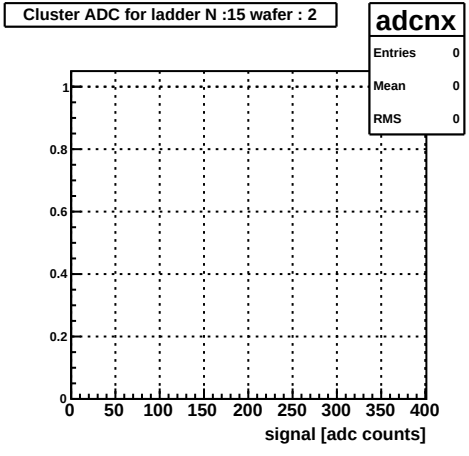

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 6887
Mean 74.49
RMS 57.14
signal [adc counts]

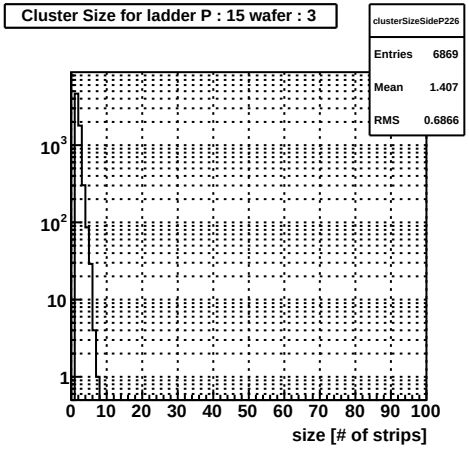

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 7348
Mean 1.493
RMS 0.7566
size [# of strips]

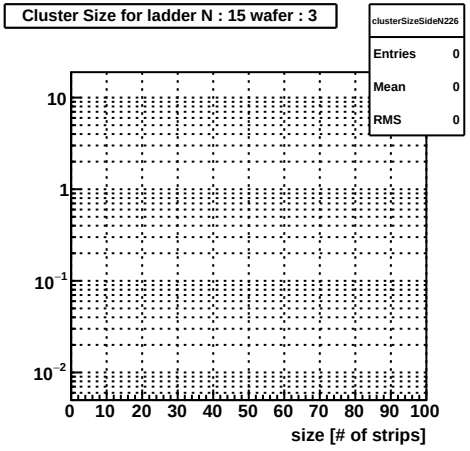

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

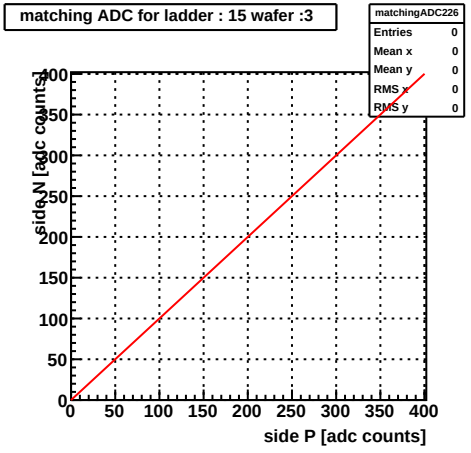

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

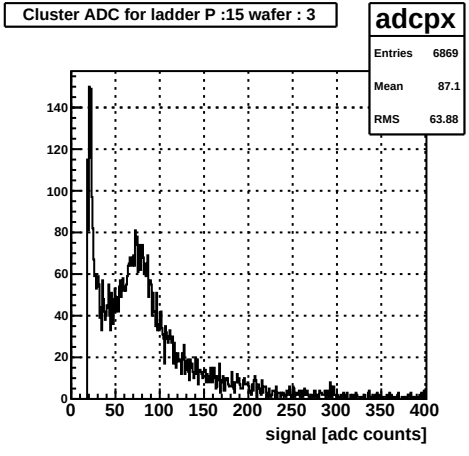

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 7348
Mean 94.71
RMS 68.51
signal [adc counts]

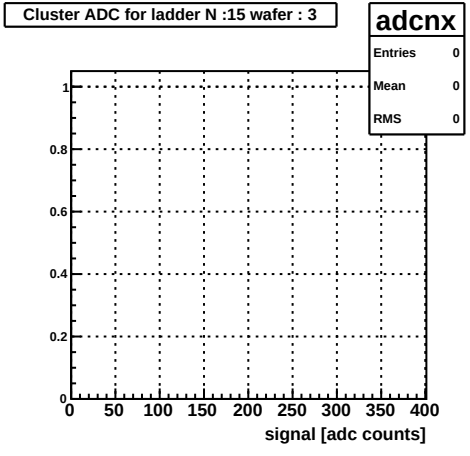

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

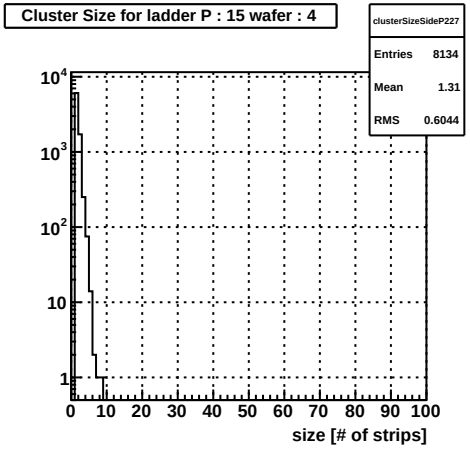

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 6869
Mean 1.407
RMS 0.6866
size [# of strips]

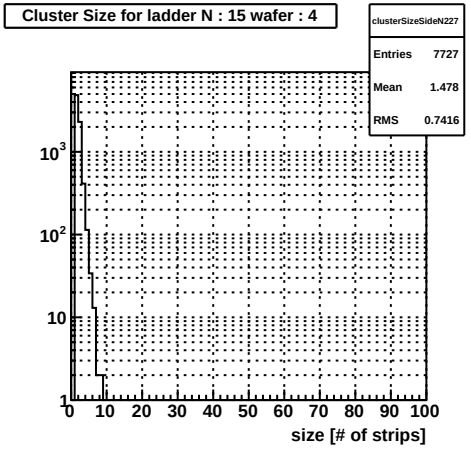

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

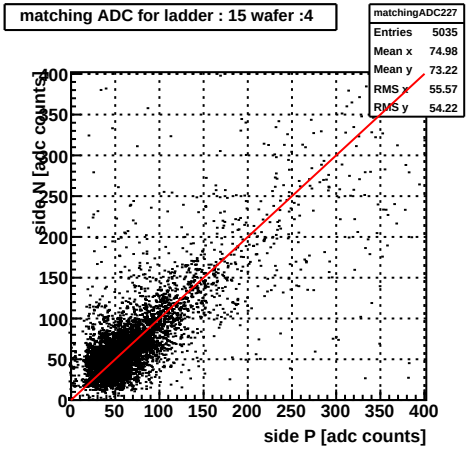

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

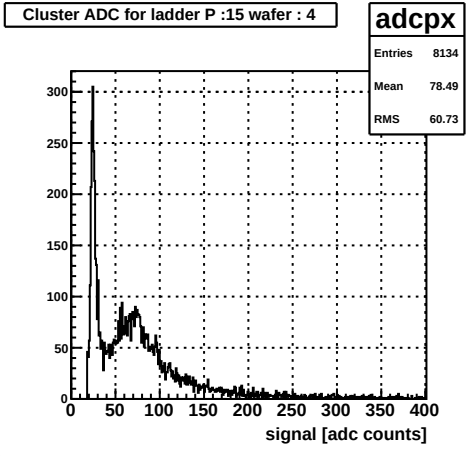

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 6869
Mean 87.1
RMS 63.88
signal [adc counts]

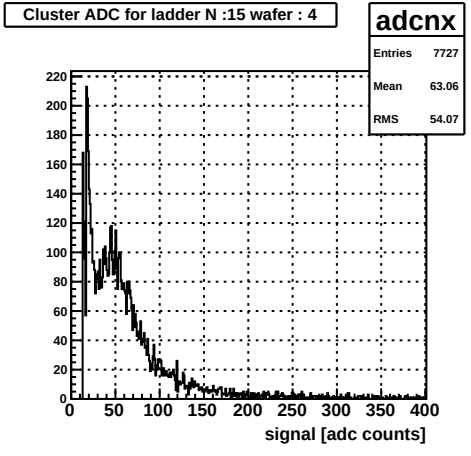

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

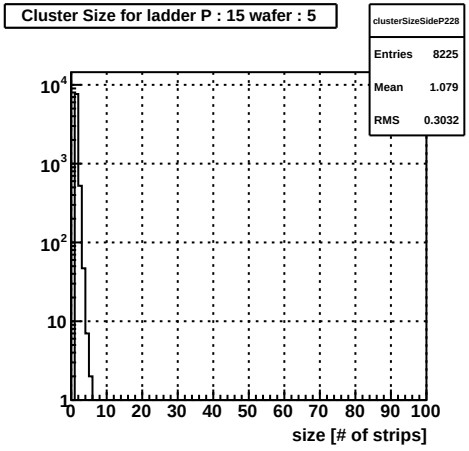

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8134
Mean 1.31
RMS 0.6044
size [# of strips]

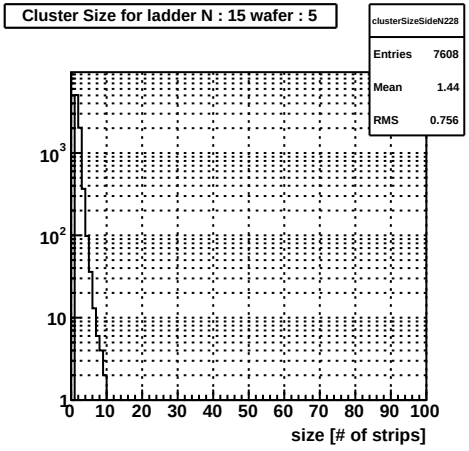

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 7727
Mean 1.478
RMS 0.7416
size [# of strips]

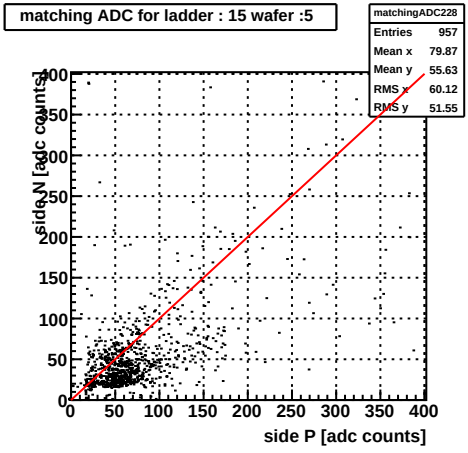

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5035
Mean x 74.98
Mean y 73.22
RMS x 55.57
RMS y 54.22
side N [adc counts]
side P [adc counts]

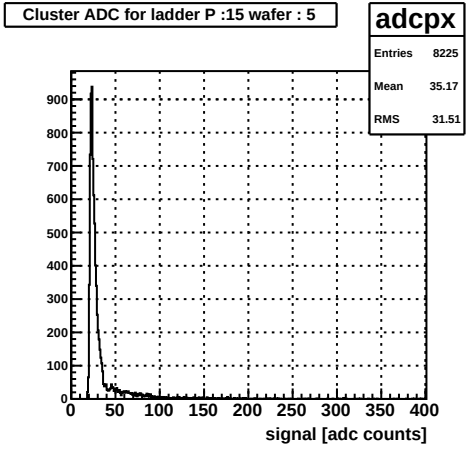

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8134
Mean 78.49
RMS 60.73
signal [adc counts]

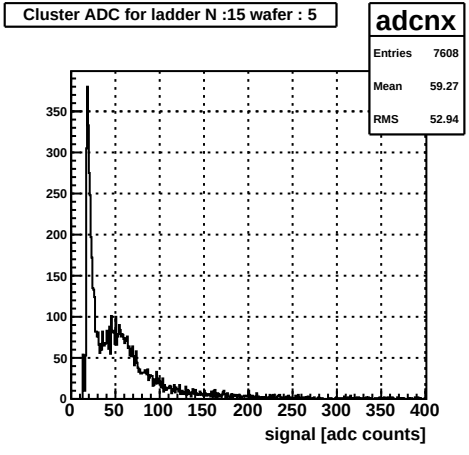

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 7727
Mean 63.06
RMS 54.07
signal [adc counts]

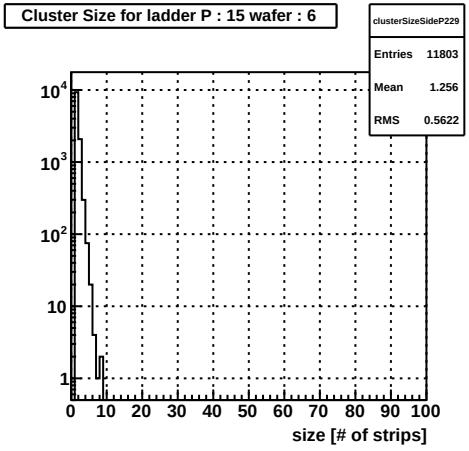

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 8225
Mean 1.079
RMS 0.3032
size [# of strips]

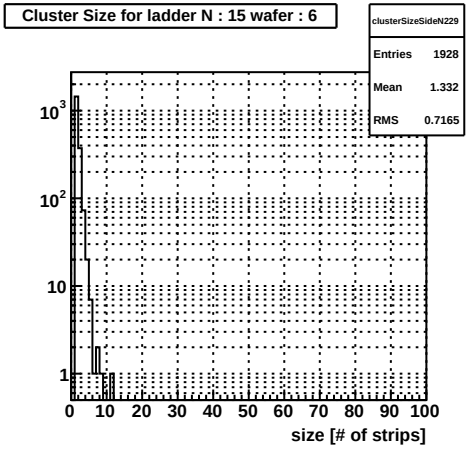

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 7608
Mean 1.44
RMS 0.756
size [# of strips]

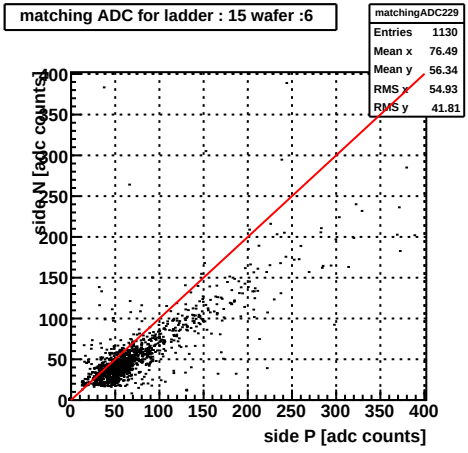

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 957
Mean x 79.87
Mean y 55.63
RMS x 60.12
RMS y 51.55
side N [adc counts]
side P [adc counts]

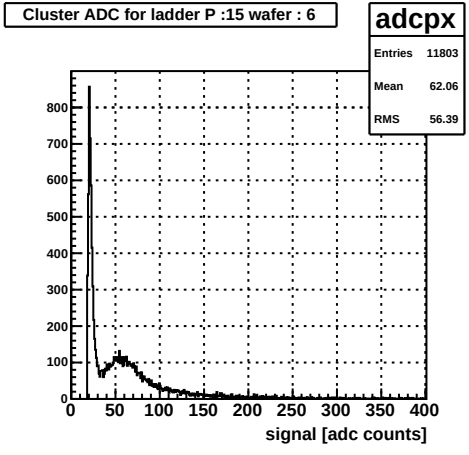

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 8225
Mean 35.17
RMS 31.51
signal [adc counts]

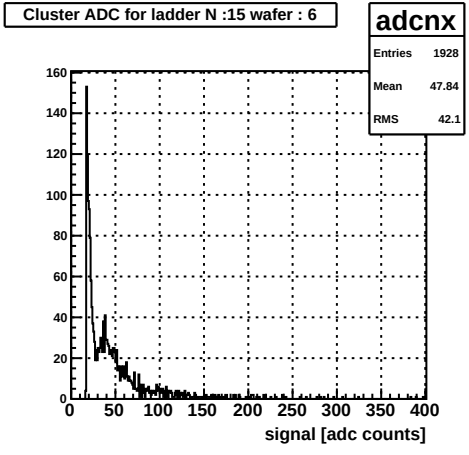

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 7608
Mean 59.27
RMS 52.94
signal [adc counts]

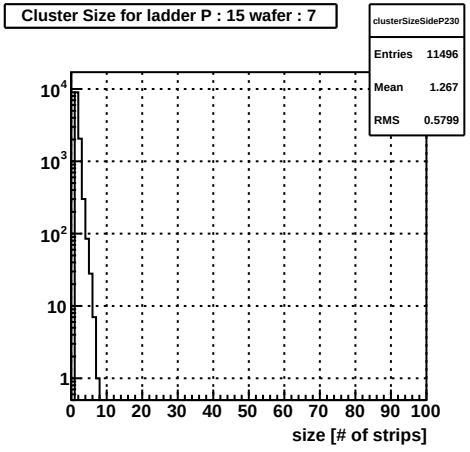

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11803
Mean 1.256
RMS 0.5622
size [# of strips]

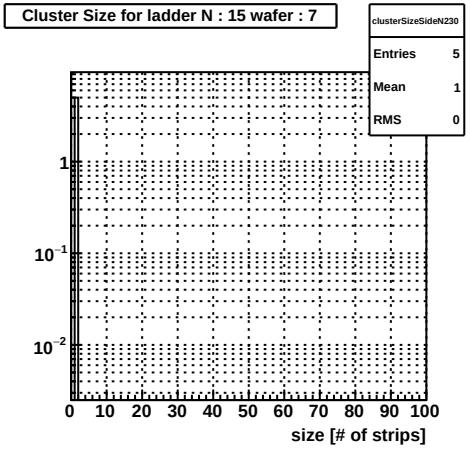

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1928
Mean 1.332
RMS 0.7165
size [# of strips]

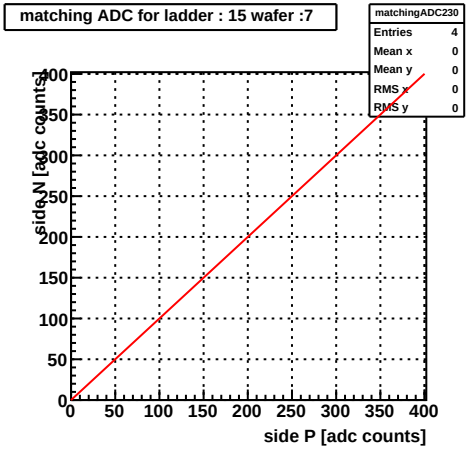

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1130
Mean x 76.49
Mean y 56.34
RMS x 54.93
RMS y 41.81
side N [adc counts]
side P [adc counts]

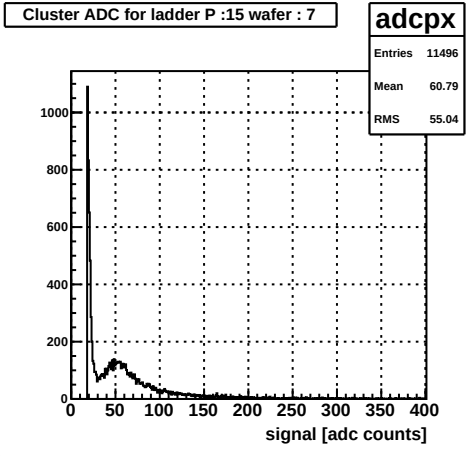

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11803
Mean 62.06
RMS 56.39
signal [adc counts]

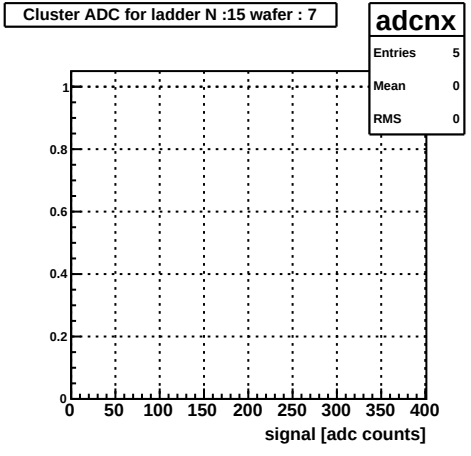

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1928
Mean 47.84
RMS 42.1
signal [adc counts]

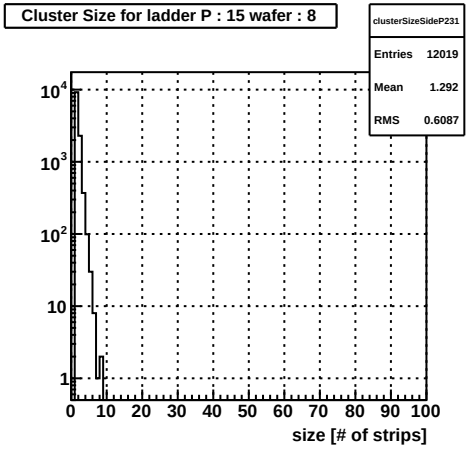

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 11496
Mean 1.267
RMS 0.5799
size [# of strips]

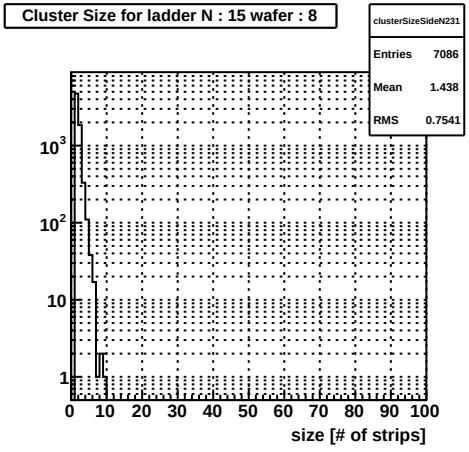

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 5
Mean 1
RMS 0
size [# of strips]

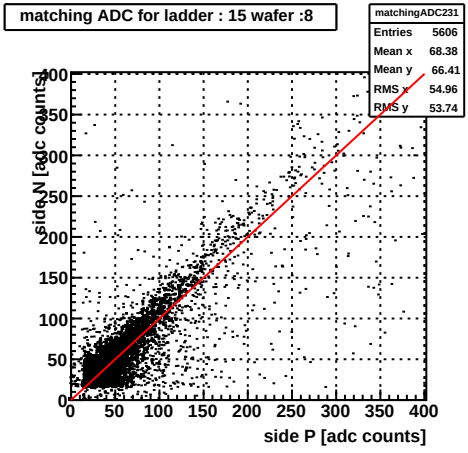

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

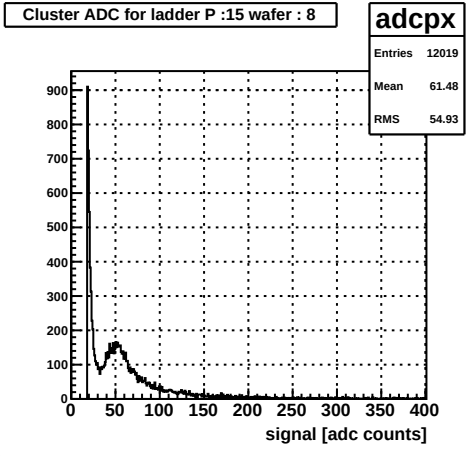

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 11496
Mean 60.79
RMS 55.04
signal [adc counts]

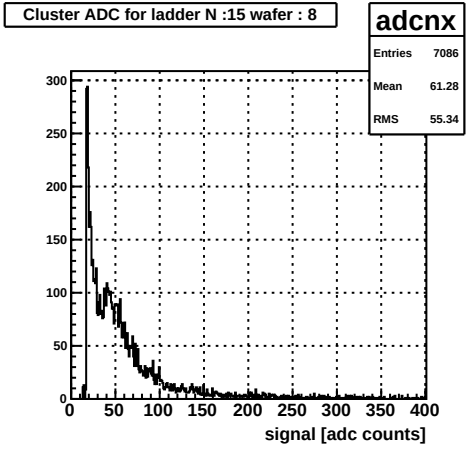

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

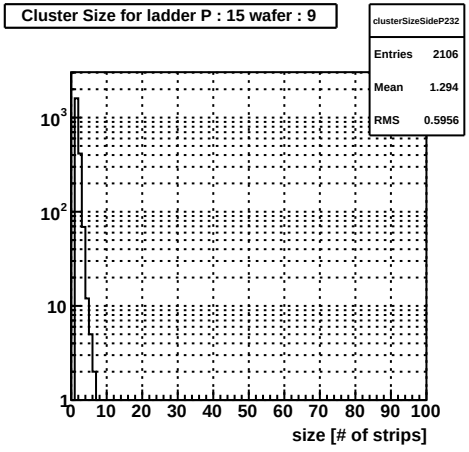

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 12019
Mean 1.292
RMS 0.6087
size [# of strips]

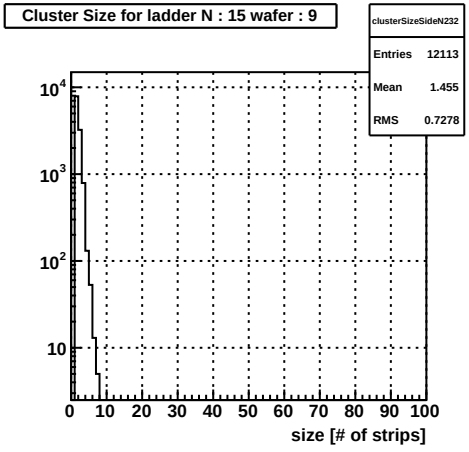

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 7086
Mean 1.438
RMS 0.7541
size [# of strips]

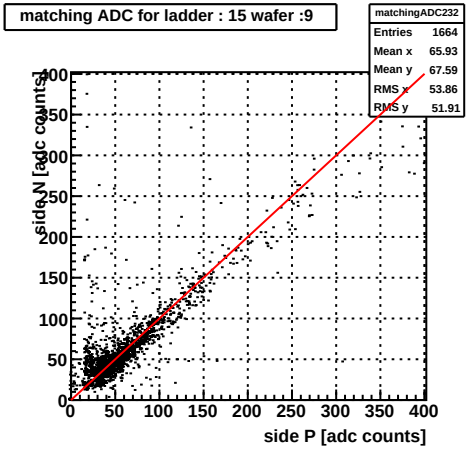

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 5606
Mean x 68.38
Mean y 66.41
RMS x 54.96
RMS y 53.74
side N [adc counts]
side P [adc counts]

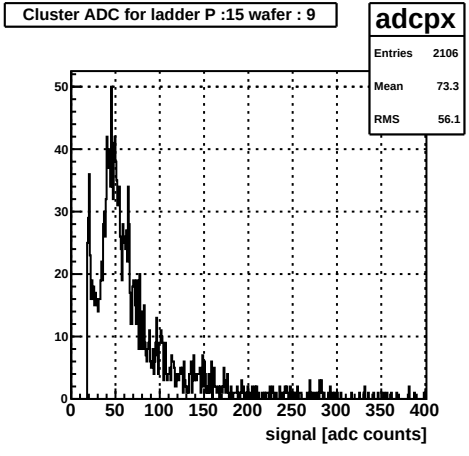

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 12019
Mean 61.48
RMS 54.93
signal [adc counts]

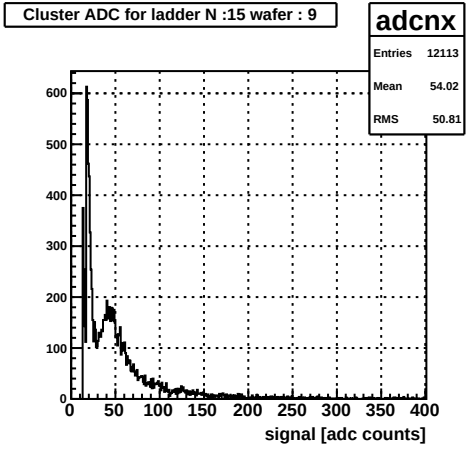

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 7086
Mean 61.28
RMS 55.34
signal [adc counts]

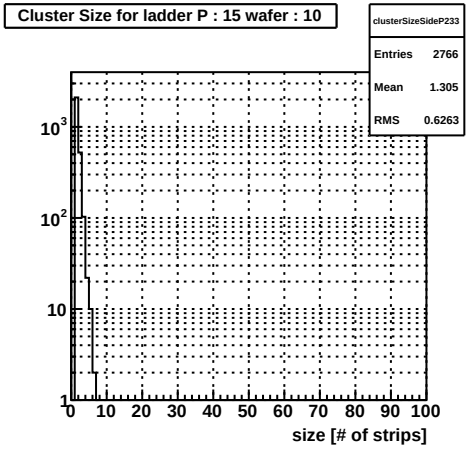

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2106
Mean 1.294
RMS 0.5956
size [# of strips]

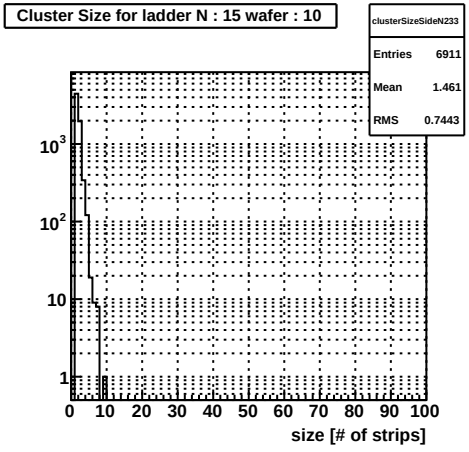

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 12113
Mean 1.455
RMS 0.7278
size [# of strips]

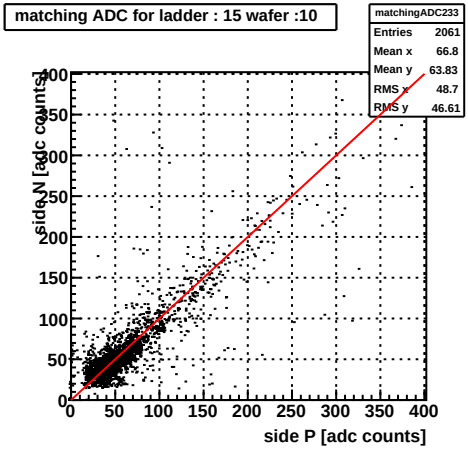

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1664
Mean x 65.93
Mean y 67.59
RMS x 53.86
RMS y 51.91
side N [adc counts]
side P [adc counts]

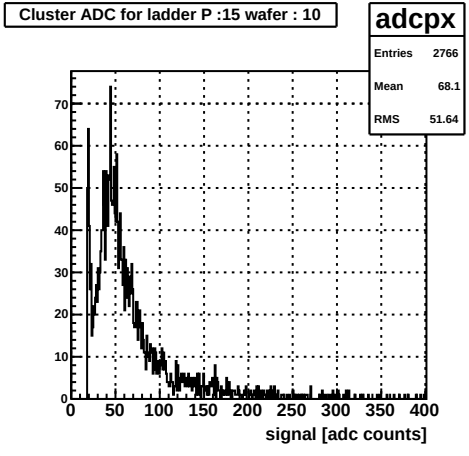

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2106
Mean 73.3
RMS 56.1
signal [adc counts]

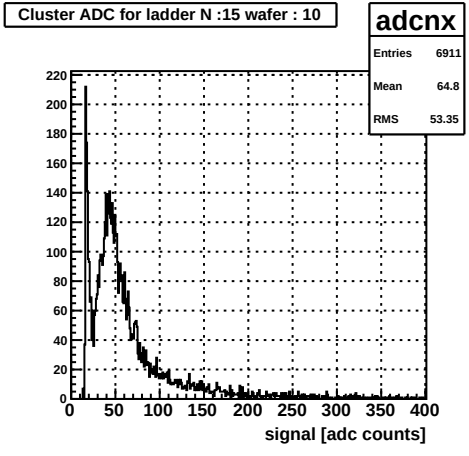

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 12113
Mean 54.02
RMS 50.81
signal [adc counts]

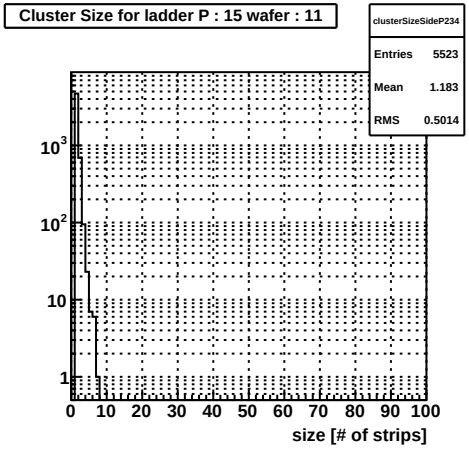

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2766
Mean 1.305
RMS 0.6263
size [# of strips]

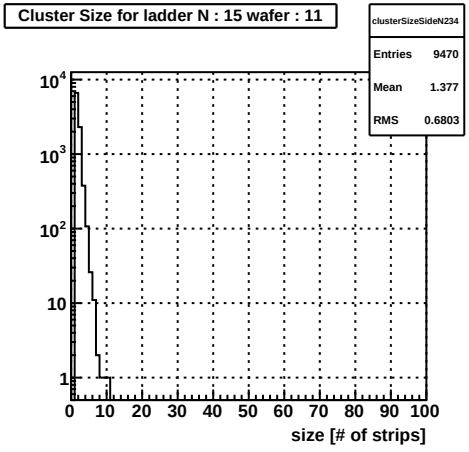

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 6911
Mean 1.461
RMS 0.7443
size [# of strips]

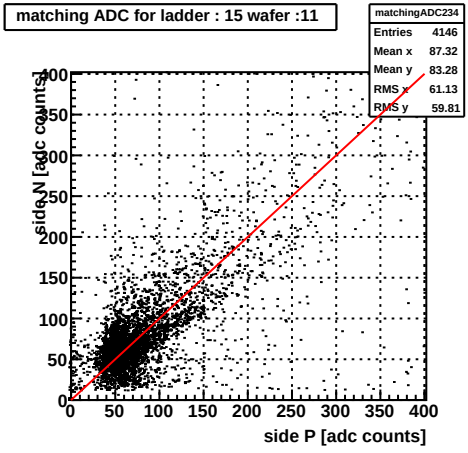

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2061
Mean x 66.8
Mean y 63.83
RMS x 48.7
RMS y 46.61
side N [adc counts]
side P [adc counts]

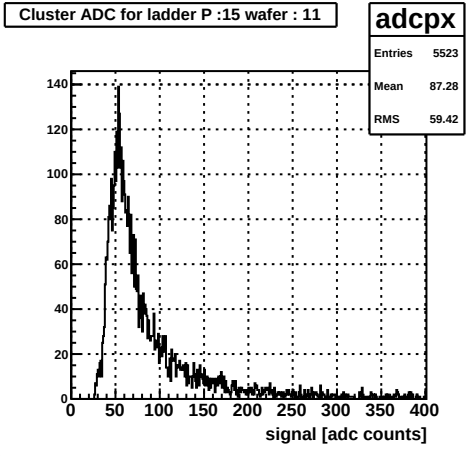

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2766
Mean 68.1
RMS 51.64
signal [adc counts]

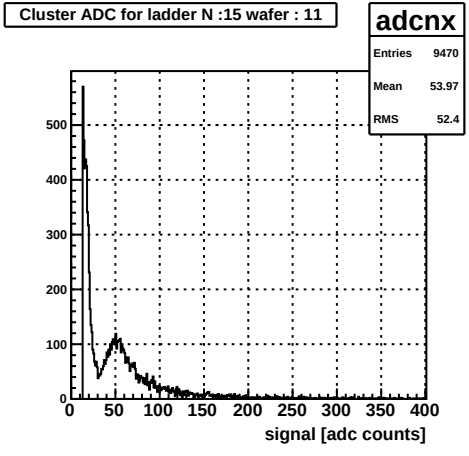

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 6911
Mean 64.8
RMS 53.35
signal [adc counts]

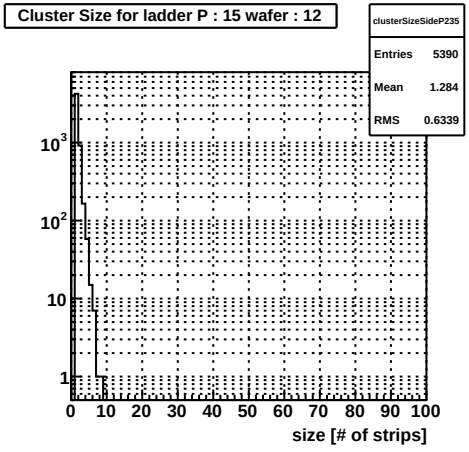

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 5523
Mean 1.183
RMS 0.5014
size [# of strips]

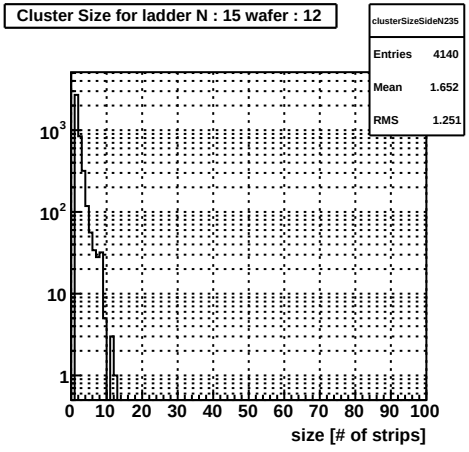

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 9470
Mean 1.377
RMS 0.6803
size [# of strips]

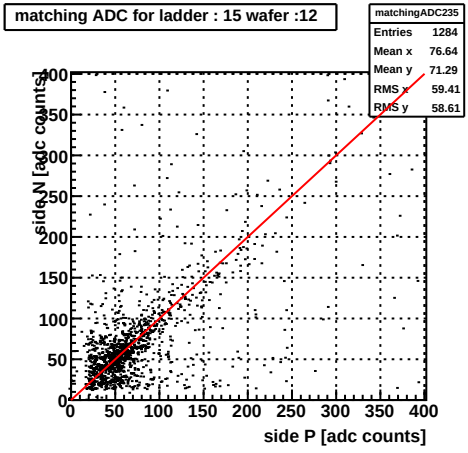

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 4146
Mean x 87.32
Mean y 83.28
RMS x 61.13
RMS y 59.81
side N [adc counts]
side P [adc counts]

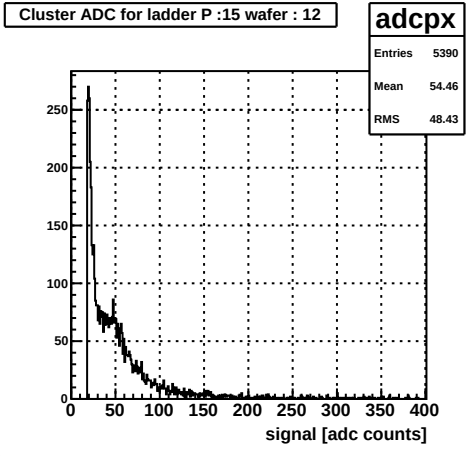

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 5523
Mean 87.28
RMS 59.42
signal [adc counts]

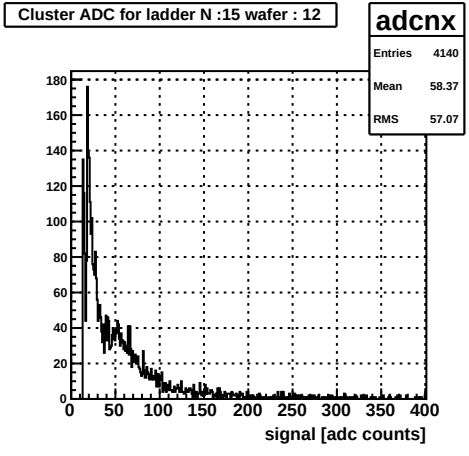

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 9470
Mean 53.97
RMS 52.4
signal [adc counts]

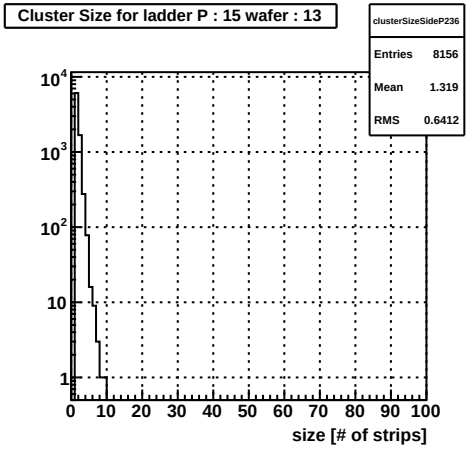

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 5390
Mean 1.284
RMS 0.6339
size [# of strips]

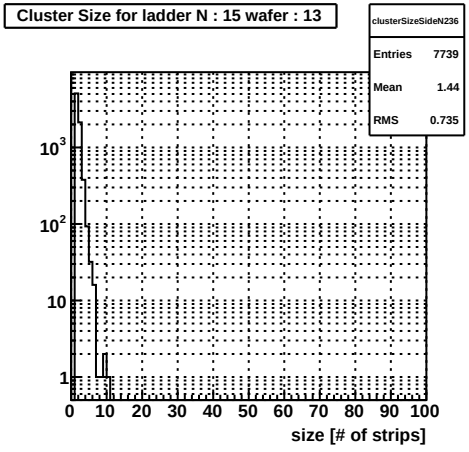

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4140
Mean 1.652
RMS 1.251
size [# of strips]

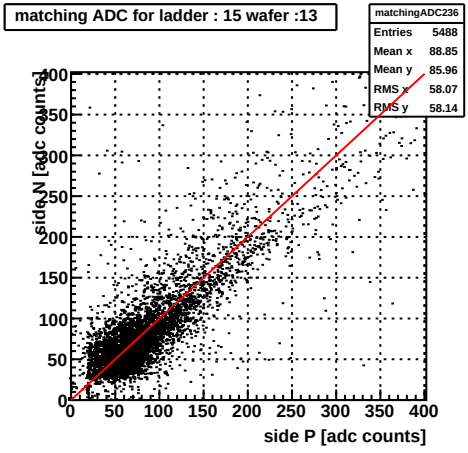

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1284
Mean x 76.64
Mean y 71.29
RMS x 59.41
RMS y 58.61
side N [adc counts]
side P [adc counts]

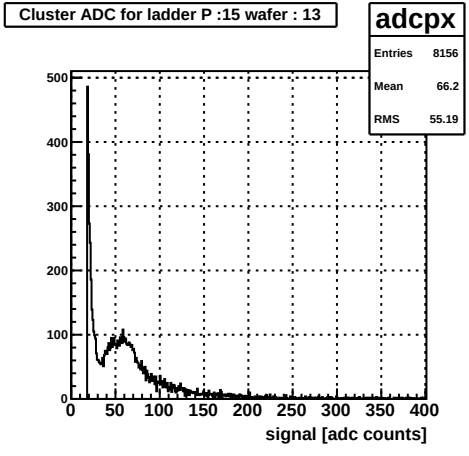

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 5390
Mean 54.46
RMS 48.43
signal [adc counts]

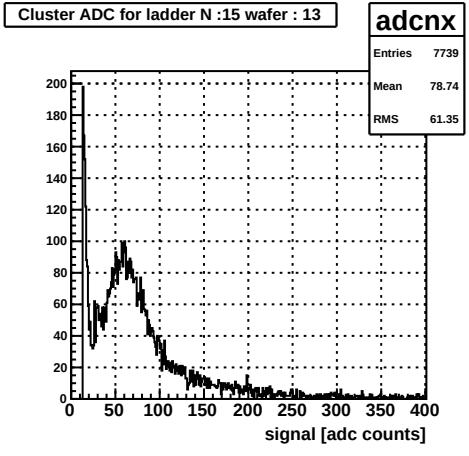

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4140
Mean 58.37
RMS 57.07
signal [adc counts]

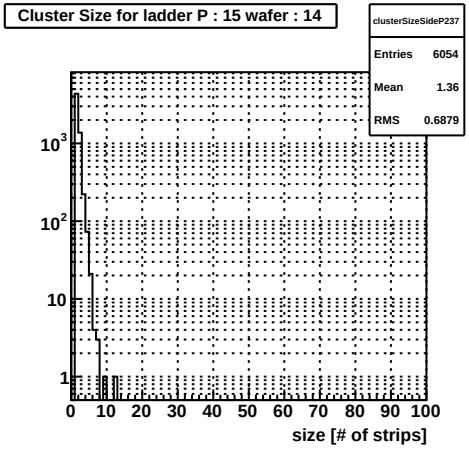

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 8156
Mean 1.319
RMS 0.6412
size [# of strips]

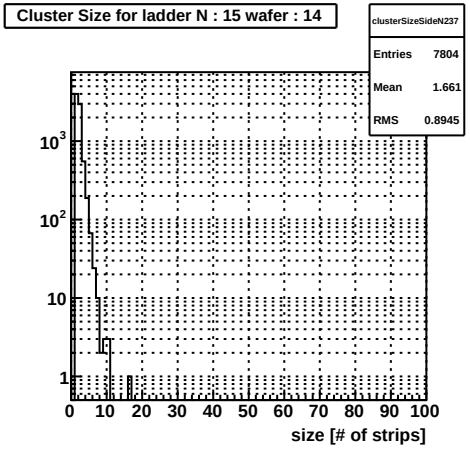

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 7739
Mean 1.44
RMS 0.735
size [# of strips]

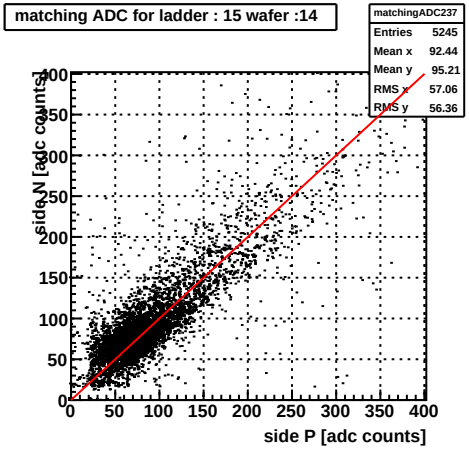

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 5488
Mean x 88.85
Mean y 85.96
RMS x 58.07
RMS y 58.14
side N [adc counts]
side P [adc counts]

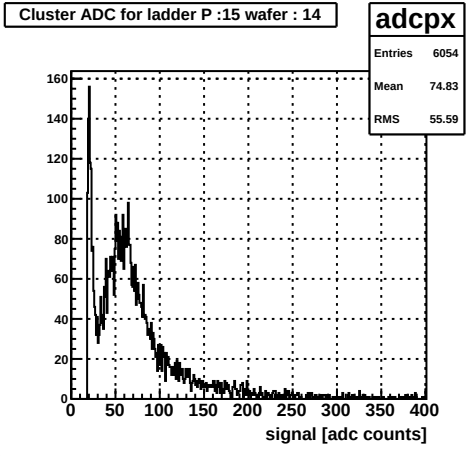

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 8156
Mean 66.2
RMS 55.19
signal [adc counts]

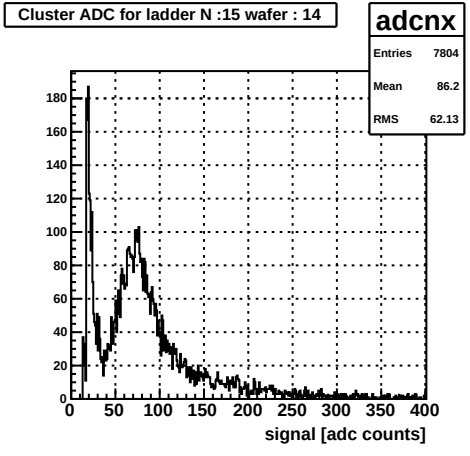

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 7739
Mean 78.74
RMS 61.35
signal [adc counts]

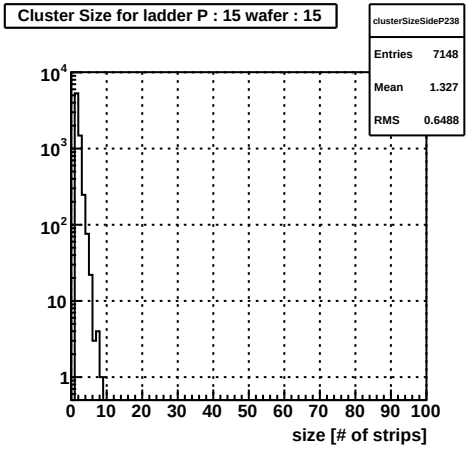

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 6054
Mean 1.36
RMS 0.6879
size [# of strips]

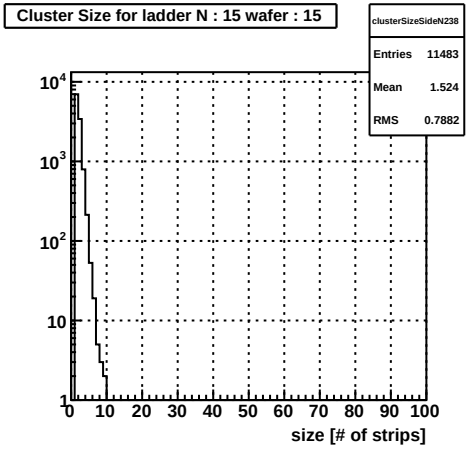

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 7804
Mean 1.661
RMS 0.8945
size [# of strips]

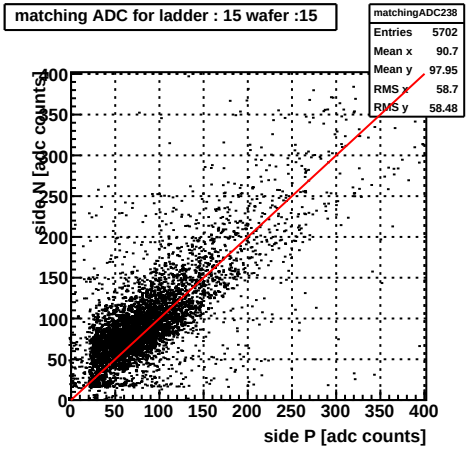

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 5245
Mean x 92.44
Mean y 95.21
RMS x 57.06
RMS y 56.36
side N [adc counts]
side P [adc counts]

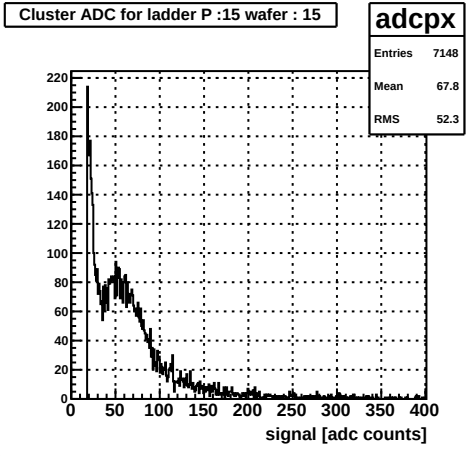

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 6054
Mean 74.83
RMS 55.59
signal [adc counts]

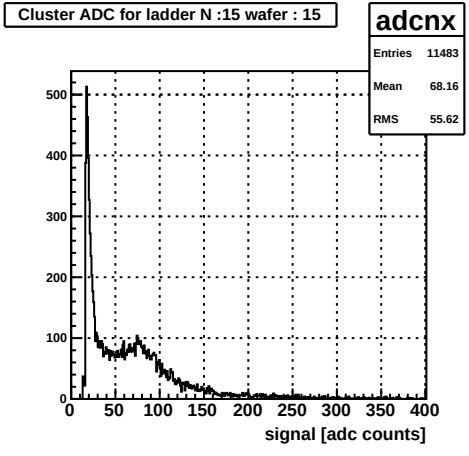

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 7804
Mean 86.2
RMS 62.13
signal [adc counts]

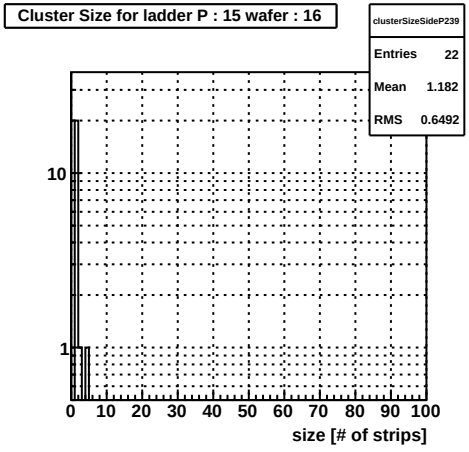

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 7148
Mean 1.327
RMS 0.6488
size [# of strips]

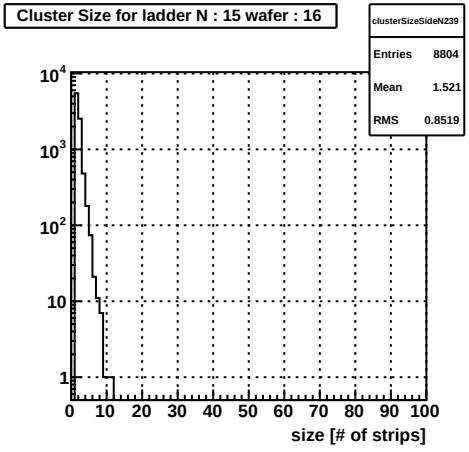

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 11483
Mean 1.524
RMS 0.7882
size [# of strips]

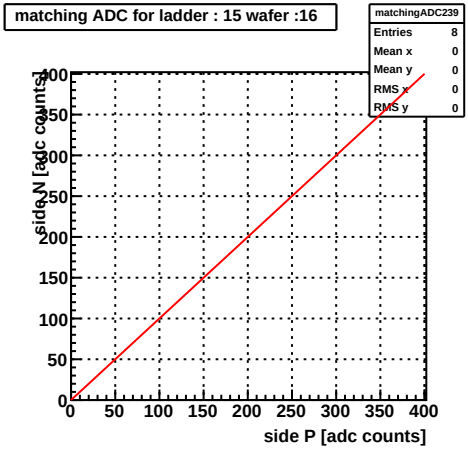

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 5702
Mean x 90.7
Mean y 97.95
RMS x 58.7
RMS y 58.48
side N [adc counts]
side P [adc counts]

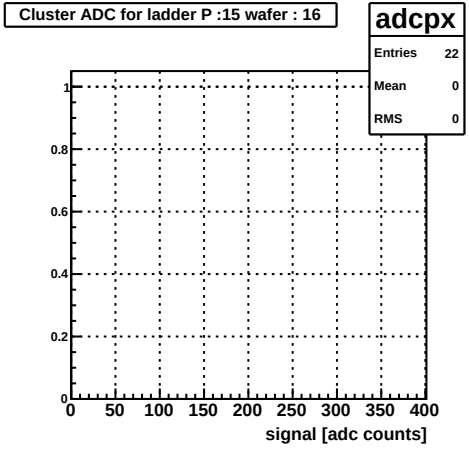

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 7148
Mean 67.8
RMS 52.3
signal [adc counts]

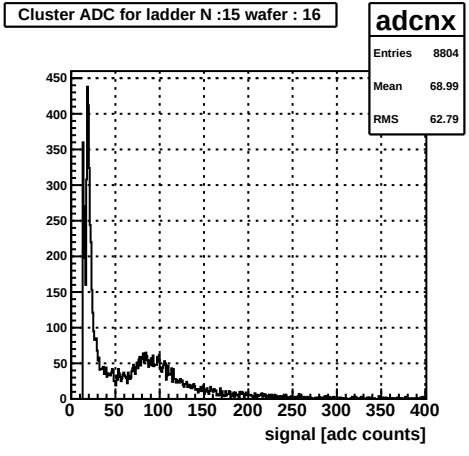

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 11483
Mean 68.16
RMS 55.62
signal [adc counts]

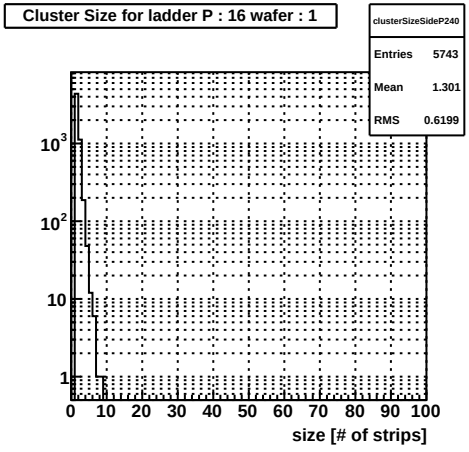

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 22
Mean 1.182
RMS 0.6492
size [# of strips]

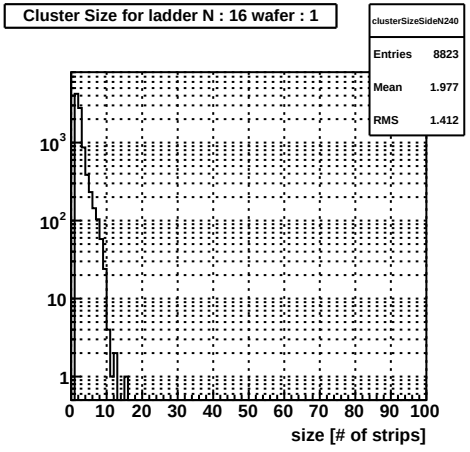

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 8804
Mean 1.521
RMS 0.8519
size [# of strips]

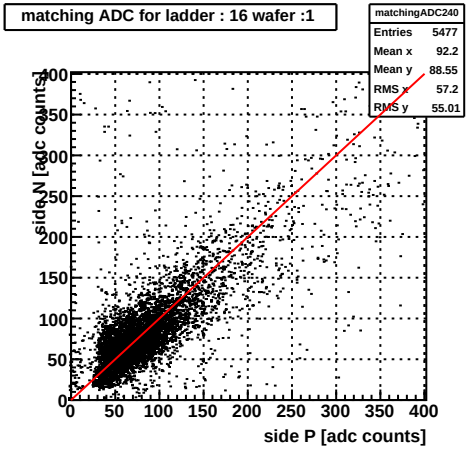

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

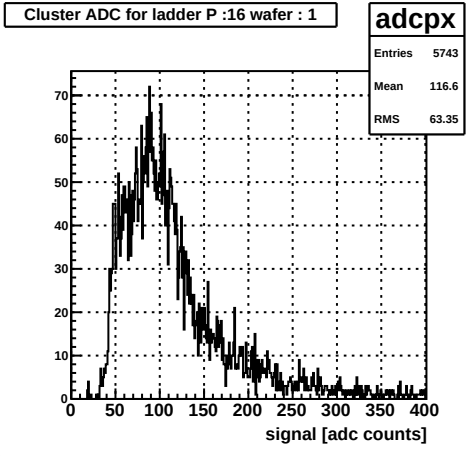

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 22
Mean 0
RMS 0
signal [adc counts]

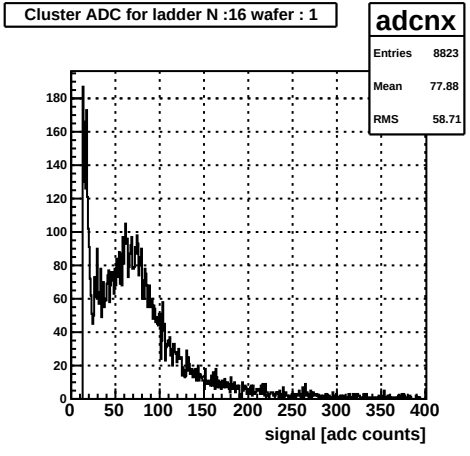

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 8804
Mean 68.99
RMS 62.79
signal [adc counts]

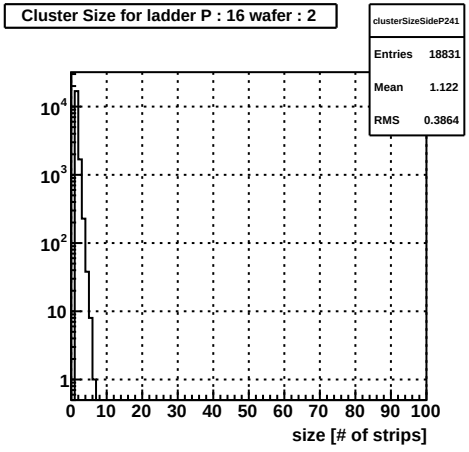

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 5743
Mean 1.301
RMS 0.6199
size [# of strips]

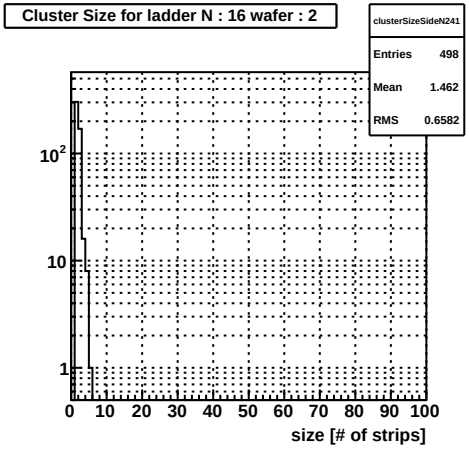

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 8823
Mean 1.977
RMS 1.412
size [# of strips]

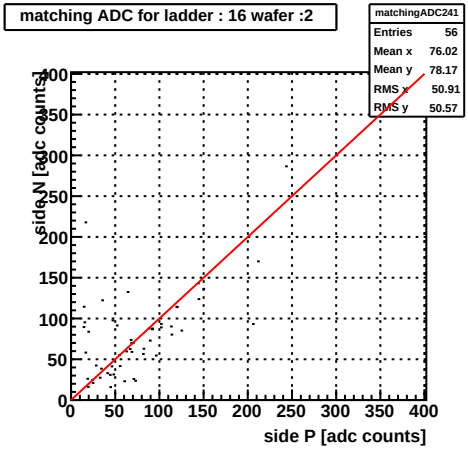

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 5477
Mean x 92.2
Mean y 88.55
RMS x 57.2
RMS y 55.01
side N [adc counts]
side P [adc counts]

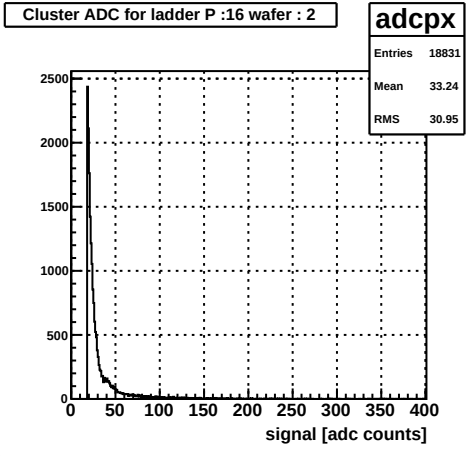

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 5743
Mean 116.6
RMS 63.35
signal [adc counts]

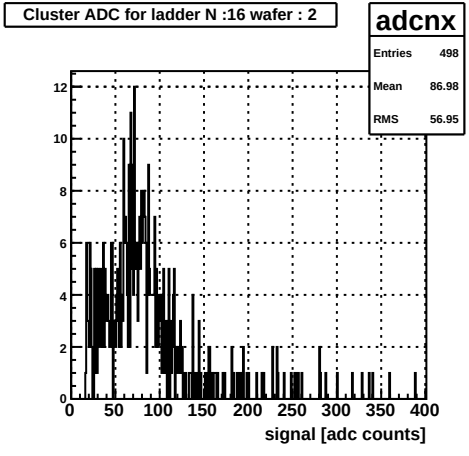

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 8823
Mean 77.88
RMS 58.71
signal [adc counts]

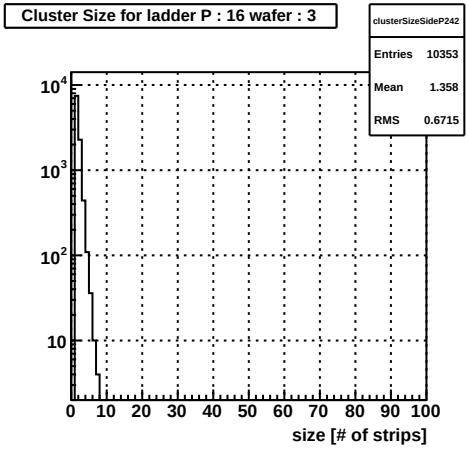

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 18831
Mean 1.122
RMS 0.3864
size [# of strips]

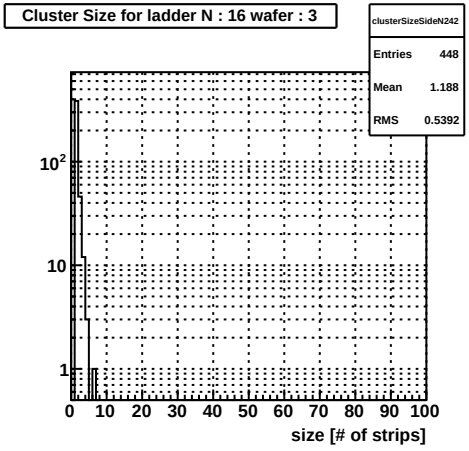

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 498
Mean 1.462
RMS 0.6582
size [# of strips]

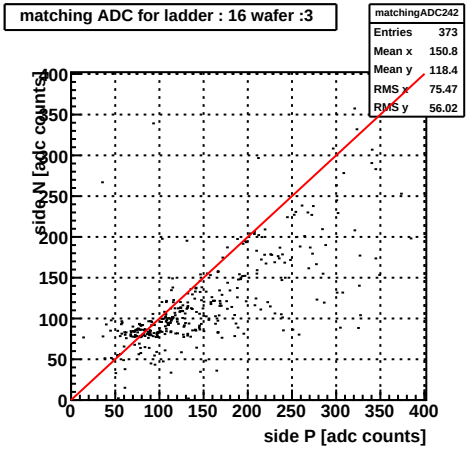

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 56
Mean x 76.02
Mean y 78.17
RMS x 50.91
RMS y 50.57
side N [adc counts]
side P [adc counts]

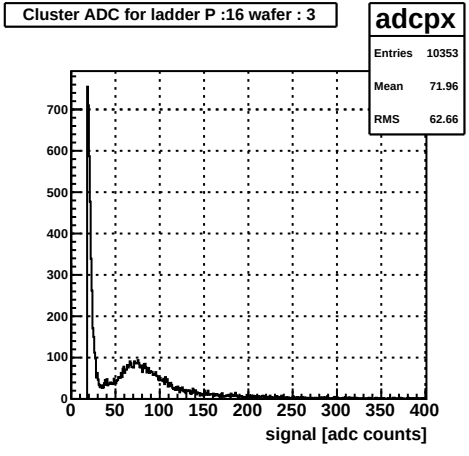

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 18831
Mean 33.24
RMS 30.95
signal [adc counts]

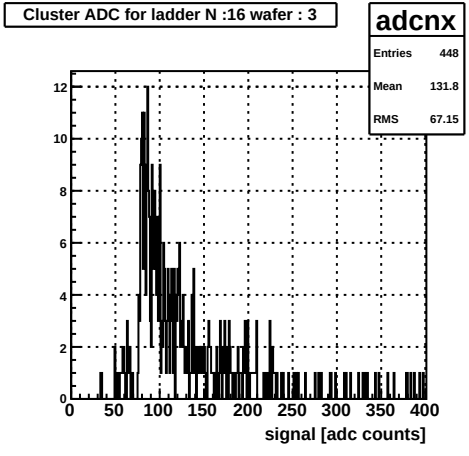

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 498
Mean 86.98
RMS 56.95
signal [adc counts]

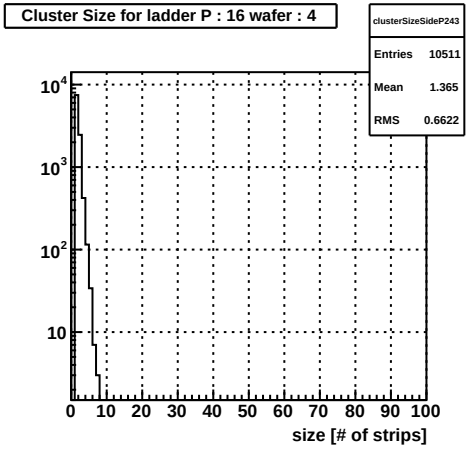

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10353
Mean 1.358
RMS 0.6715
size [# of strips]

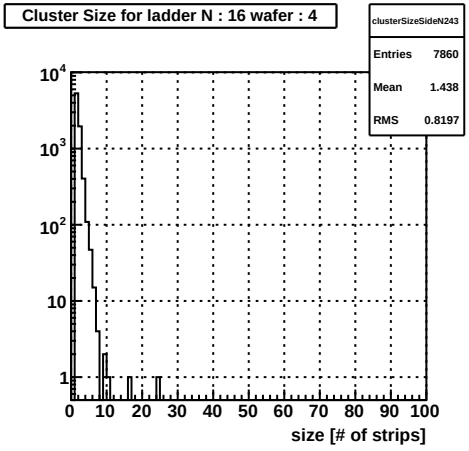

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 448
Mean 1.188
RMS 0.5392
size [# of strips]

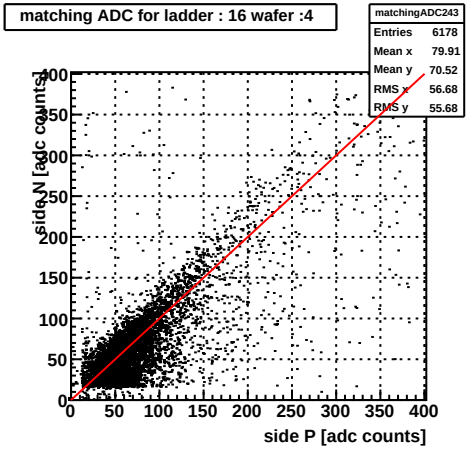

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 373
Mean x 150.8
Mean y 118.4
RMS x 75.47
RMS y 56.02
side N [adc counts]
side P [adc counts]

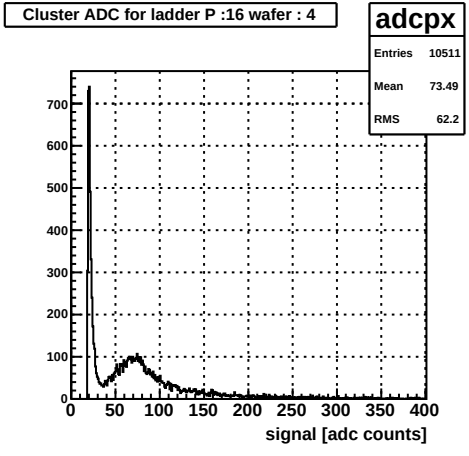

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10353
Mean 71.96
RMS 62.66
signal [adc counts]

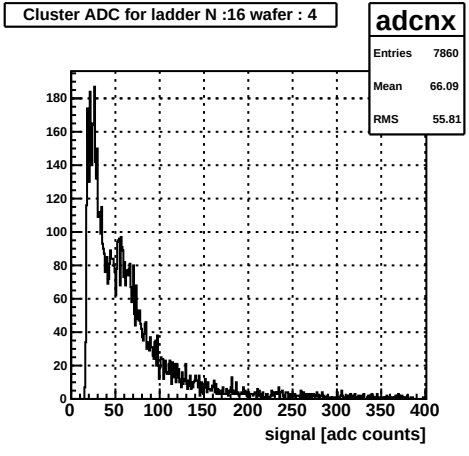

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 448
Mean 131.8
RMS 67.15
signal [adc counts]

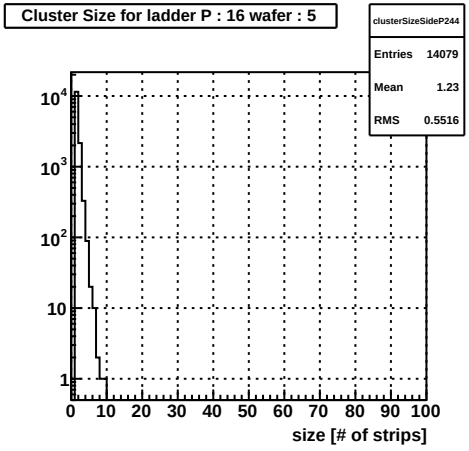

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 10511
Mean 1.365
RMS 0.6622
size [# of strips]

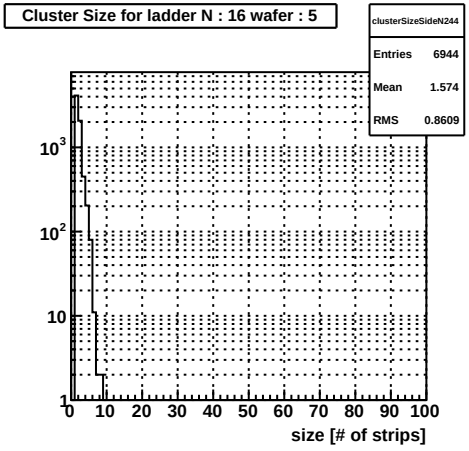

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 7860
Mean 1.438
RMS 0.8197
size [# of strips]

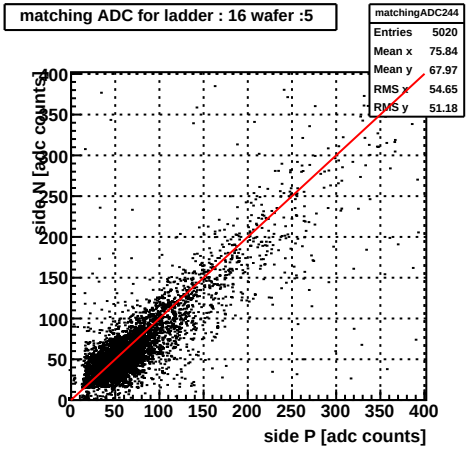

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 6178
Mean x 79.91
Mean y 70.52
RMS x 56.68
RMS y 55.68
side N [adc counts]
side P [adc counts]

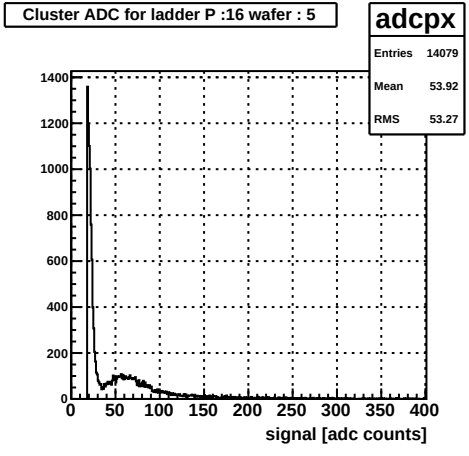

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 10511
Mean 73.49
RMS 62.2
signal [adc counts]

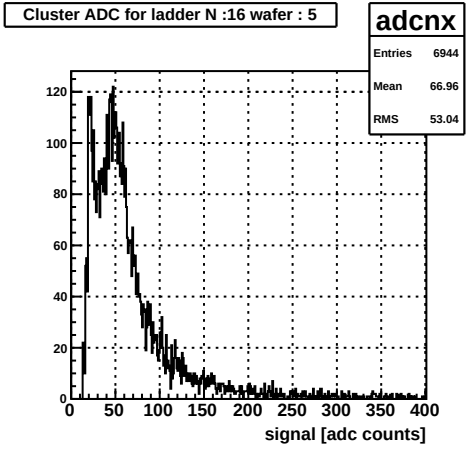

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 7860
Mean 66.09
RMS 55.81
signal [adc counts]

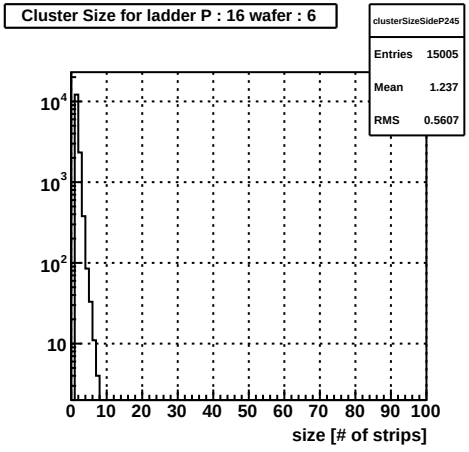

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14079
Mean 1.23
RMS 0.5516
size [# of strips]

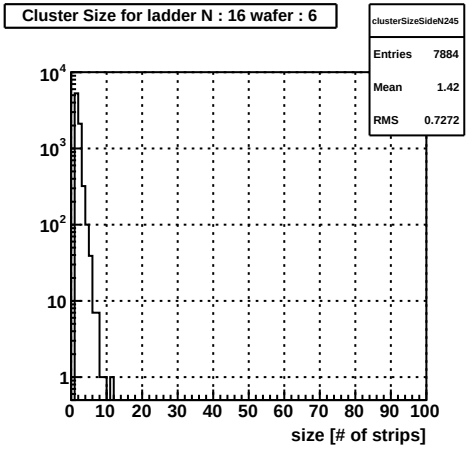

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 6944
Mean 1.574
RMS 0.8609
size [# of strips]

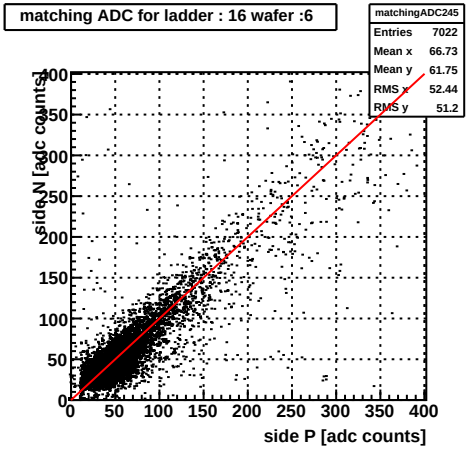

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 5020
Mean x 75.84
Mean y 67.97
RMS x 54.65
RMS y 51.18
side N [adc counts]
side P [adc counts]

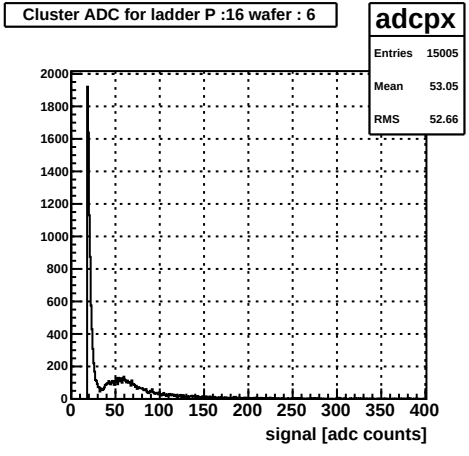

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14079
Mean 53.92
RMS 53.27
signal [adc counts]

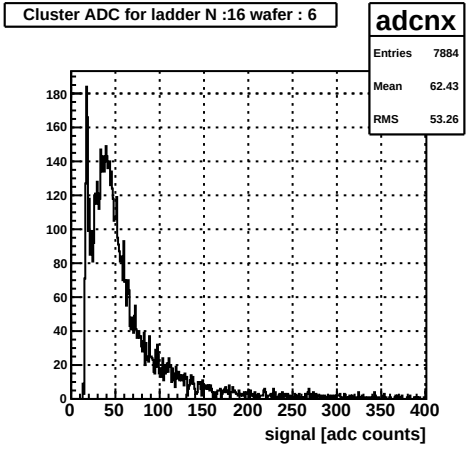

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 6944
Mean 66.96
RMS 53.04
signal [adc counts]

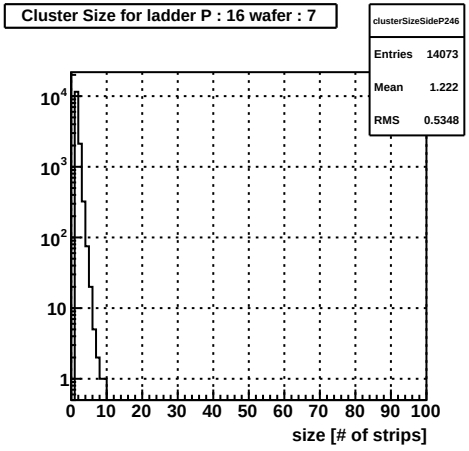

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 15005
Mean 1.237
RMS 0.5607
size [# of strips]

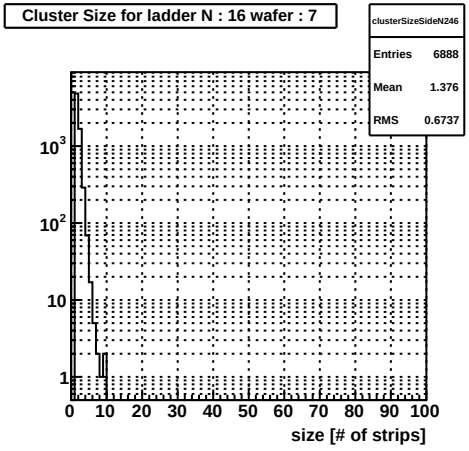

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 7884
Mean 1.42
RMS 0.7272
size [# of strips]

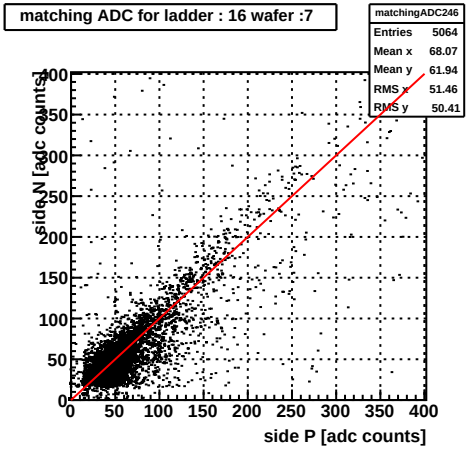

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 7022
Mean x 66.73
Mean y 61.75
RMS x 52.44
RMS y 51.2
side N [adc counts]
side P [adc counts]

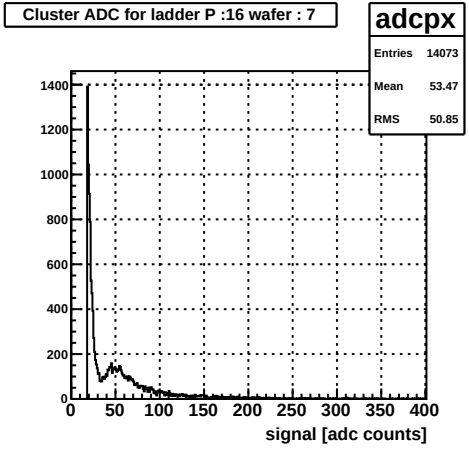

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 15005
Mean 53.05
RMS 52.66
signal [adc counts]

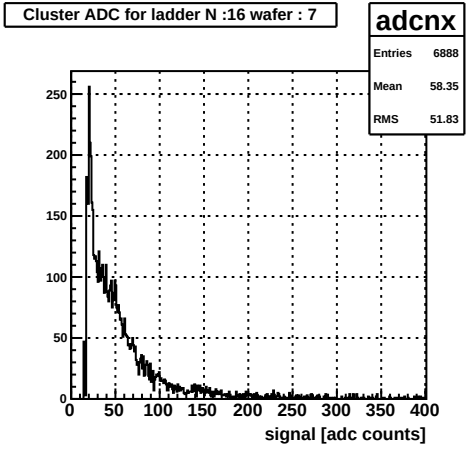

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 7884
Mean 62.43
RMS 53.26
signal [adc counts]

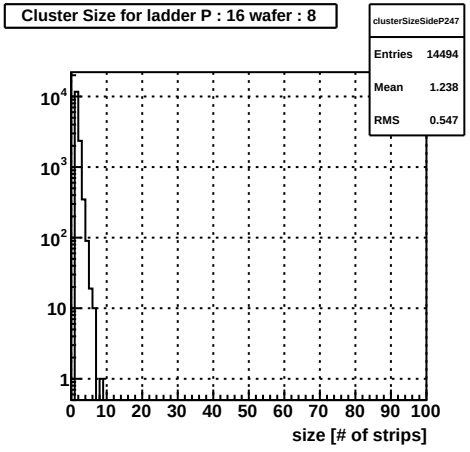

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14073
Mean 1.222
RMS 0.5348
size [# of strips]

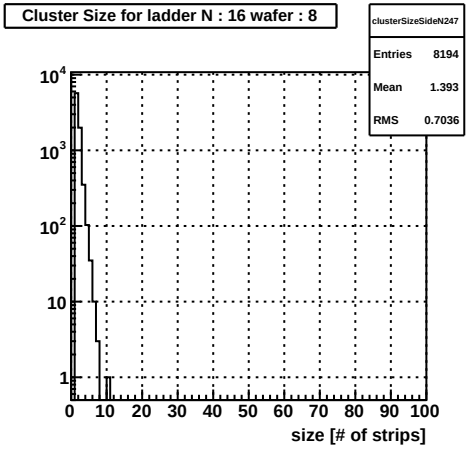

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 6888
Mean 1.376
RMS 0.6737
size [# of strips]

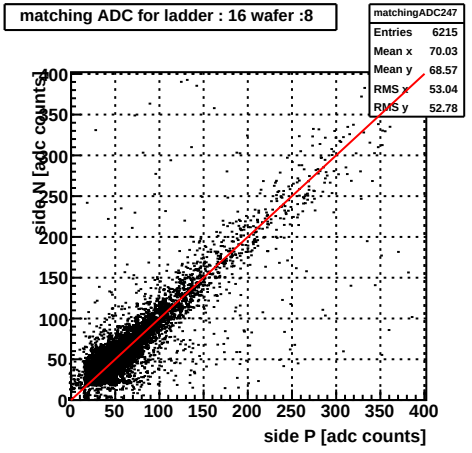

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 5064
Mean x 68.07
Mean y 61.94
RMS x 51.46
RMS y 50.41
side N [adc counts]
side P [adc counts]

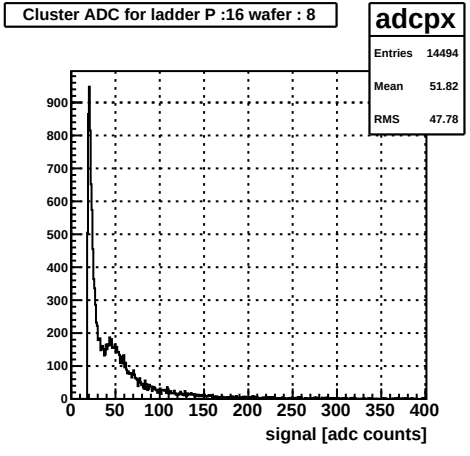

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14073
Mean 53.47
RMS 50.85
signal [adc counts]

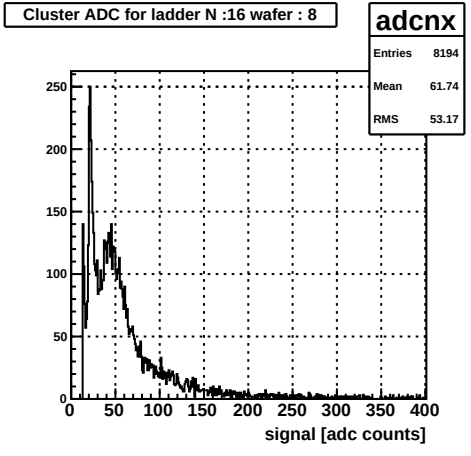

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 6888
Mean 58.35
RMS 51.83
signal [adc counts]

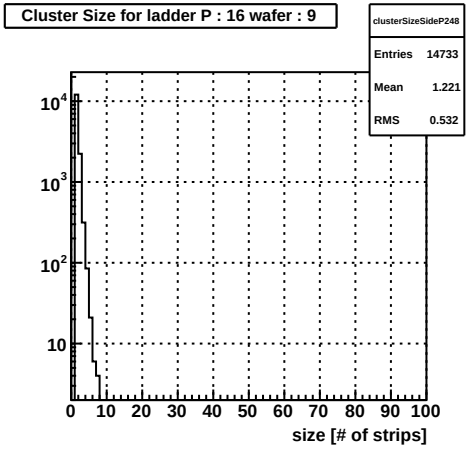

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 14494
Mean 1.238
RMS 0.547
size [# of strips]

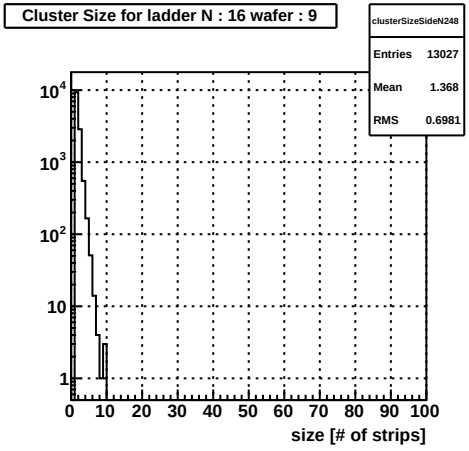

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 8194
Mean 1.393
RMS 0.7036
size [# of strips]

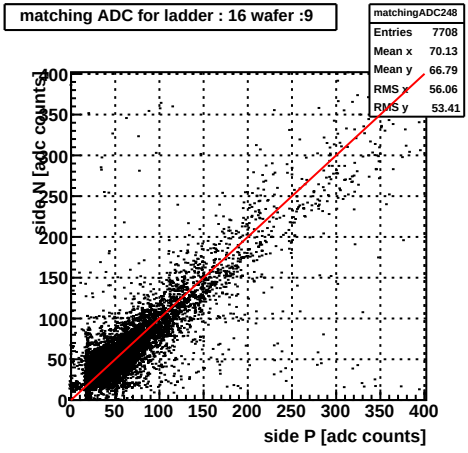

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 6215
Mean x 70.03
Mean y 68.57
RMS x 53.04
RMS y 52.78
side N [adc counts]
side P [adc counts]

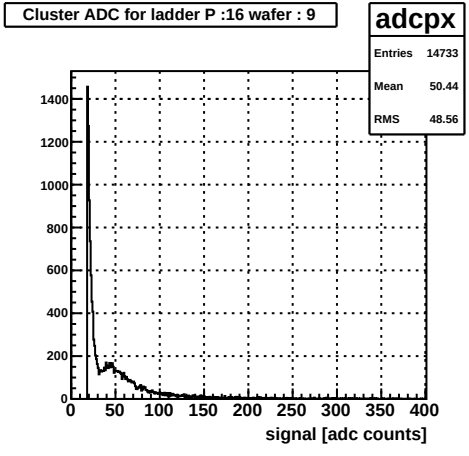

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 14494
Mean 51.82
RMS 47.78
signal [adc counts]

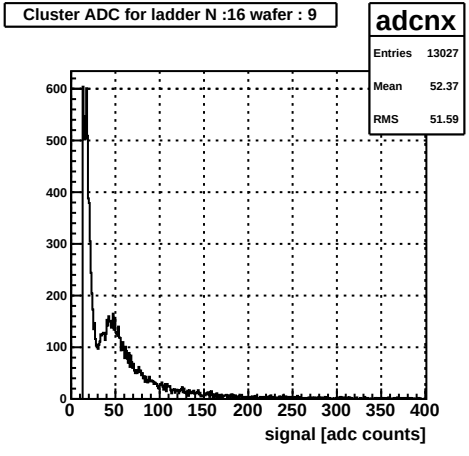

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 8194
Mean 61.74
RMS 53.17
signal [adc counts]

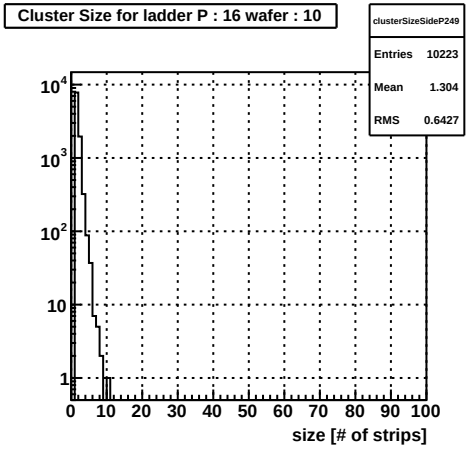

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 14733
Mean 1.221
RMS 0.532
size [# of strips]

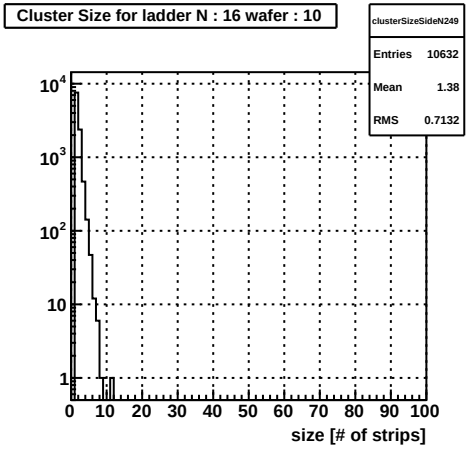

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 13027
Mean 1.368
RMS 0.6981
size [# of strips]

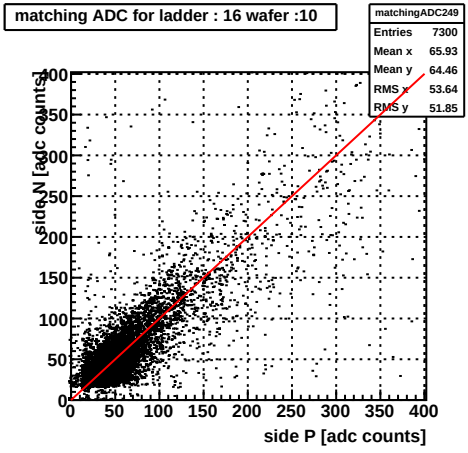

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 7708
Mean x 70.13
Mean y 66.79
RMS x 56.06
RMS y 53.41
side N [adc counts]
side P [adc counts]

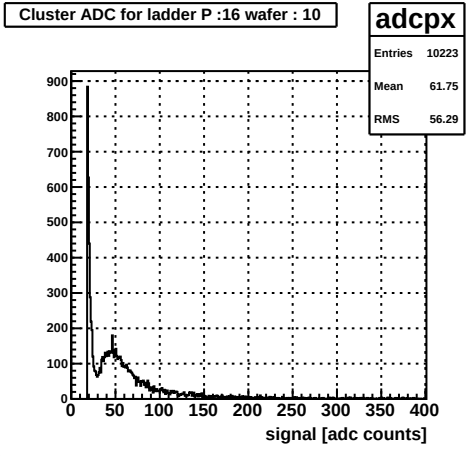

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 14733
Mean 50.44
RMS 48.56
signal [adc counts]

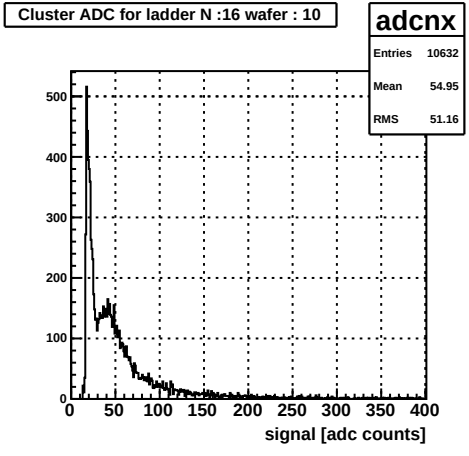

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 13027
Mean 52.37
RMS 51.59
signal [adc counts]

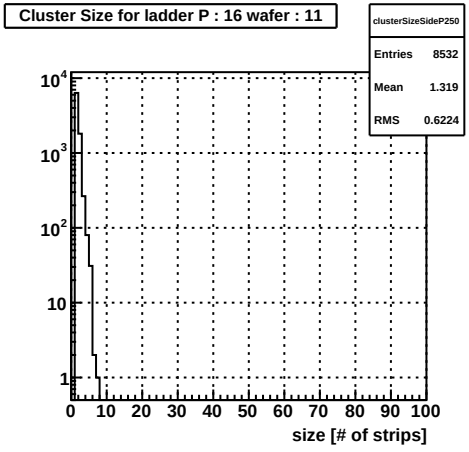

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10223
Mean 1.304
RMS 0.6427
size [# of strips]

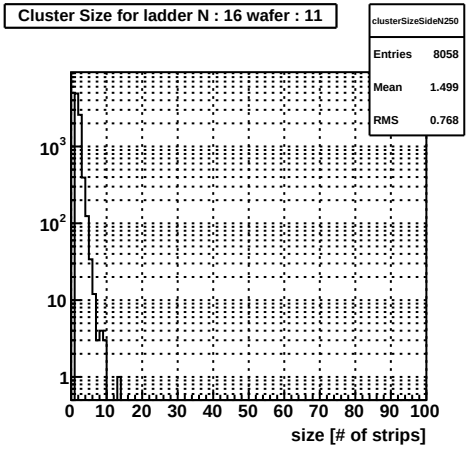

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 10632
Mean 1.38
RMS 0.7132
size [# of strips]

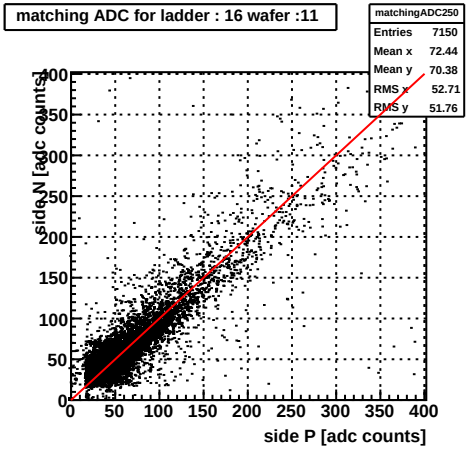

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 7300
Mean x 65.93
Mean y 64.46
RMS x 53.64
RMS y 51.85
side N [adc counts]
side P [adc counts]

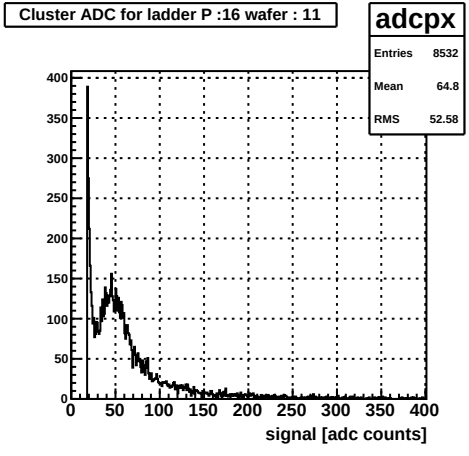

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10223
Mean 61.75
RMS 56.29
signal [adc counts]

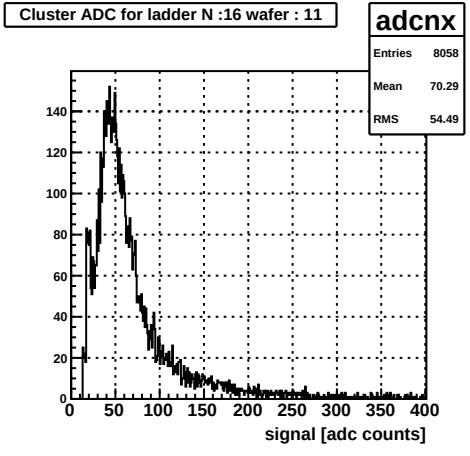

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 10632
Mean 54.95
RMS 51.16
signal [adc counts]

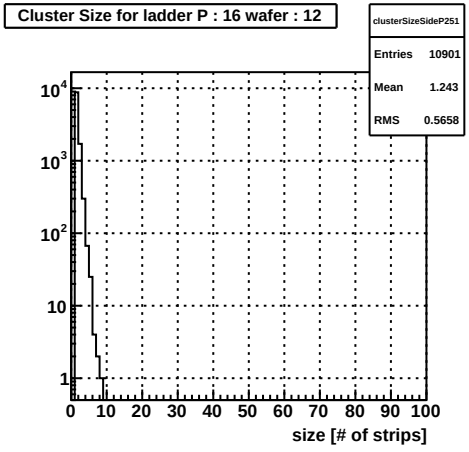

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 8532
Mean 1.319
RMS 0.6224
size [# of strips]

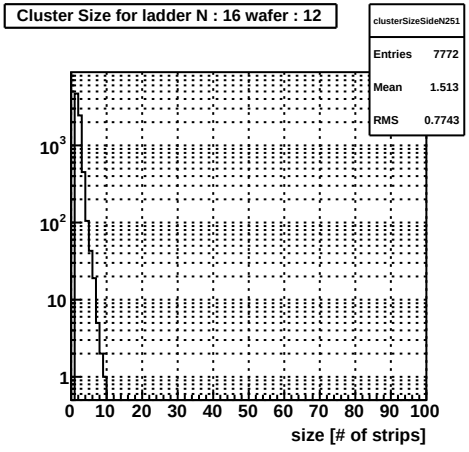

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 8058
Mean 1.499
RMS 0.768
size [# of strips]

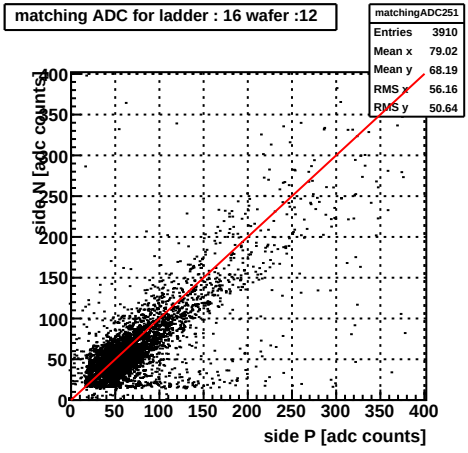

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 7150
Mean x 72.44
Mean y 70.38
RMS x 52.71
RMS y 51.76
side N [adc counts]
side P [adc counts]

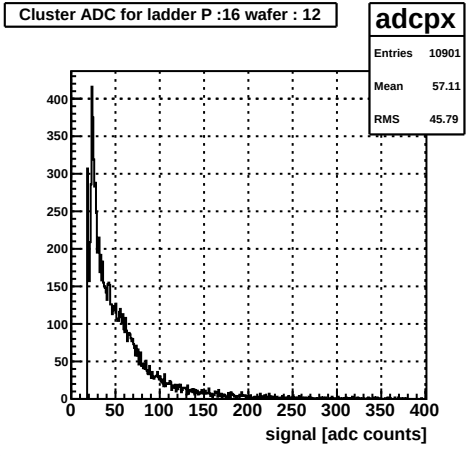

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 8532
Mean 64.8
RMS 52.58
signal [adc counts]

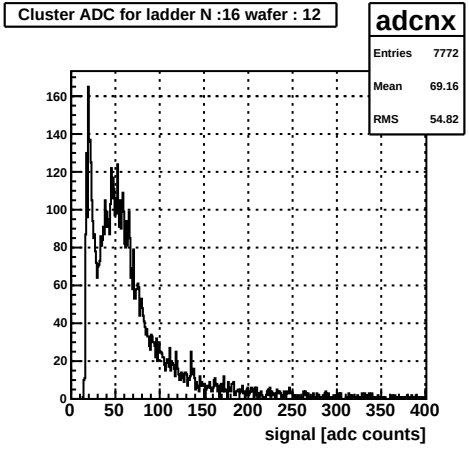

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 8058
Mean 70.29
RMS 54.49
signal [adc counts]

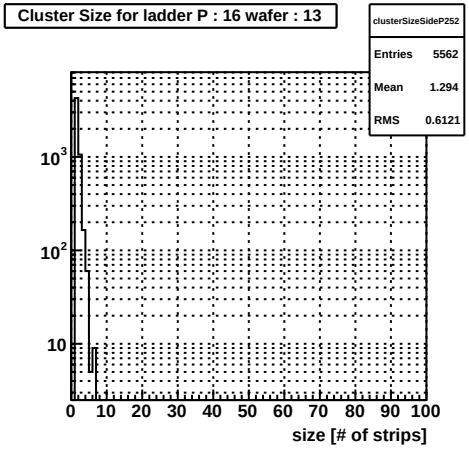

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 10901
Mean 1.243
RMS 0.5658
size [# of strips]

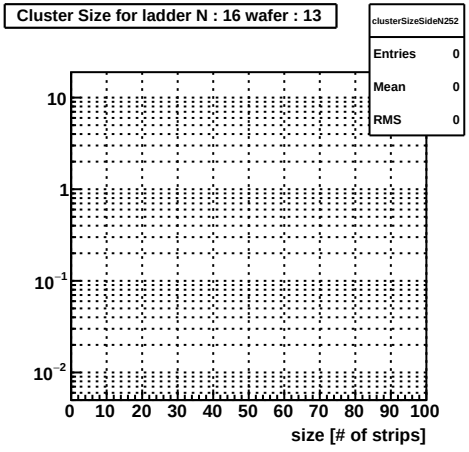

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 7772
Mean 1.513
RMS 0.7743
size [# of strips]

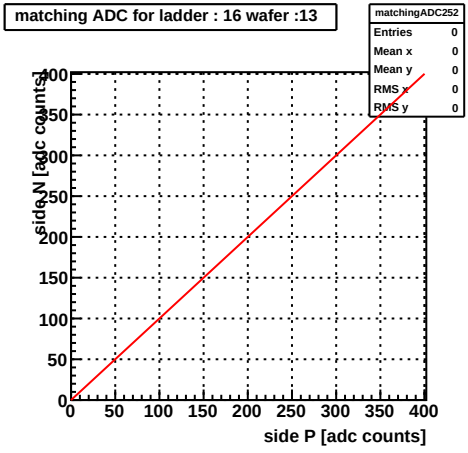

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 3910
Mean x 79.02
Mean y 68.19
RMS x 56.16
RMS y 50.64
side N [adc counts]
side P [adc counts]

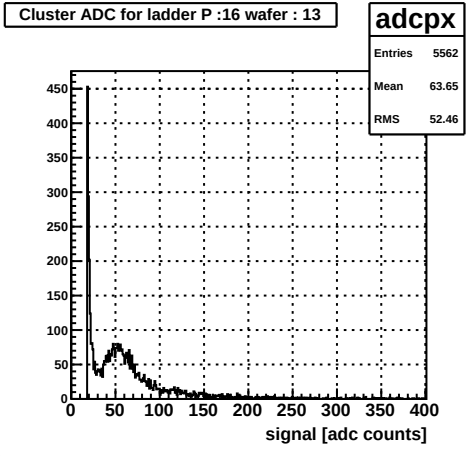

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 10901
Mean 57.11
RMS 45.79
signal [adc counts]

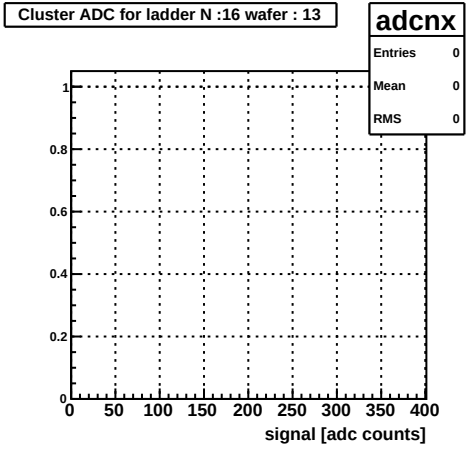

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 7772
Mean 69.16
RMS 54.82
signal [adc counts]

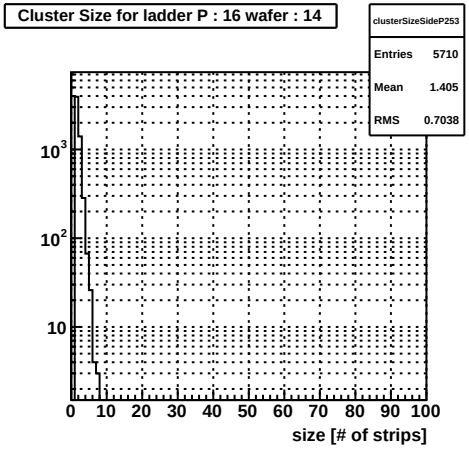

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5562
Mean 1.294
RMS 0.6121
size [# of strips]

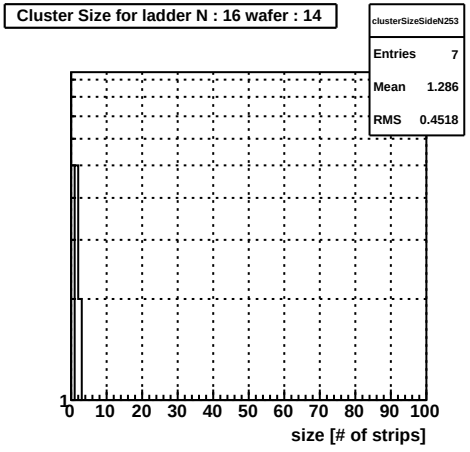

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

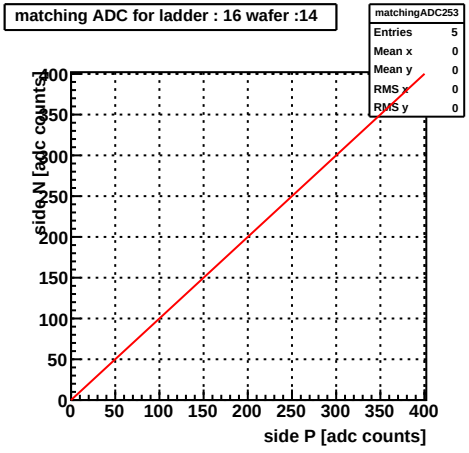

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

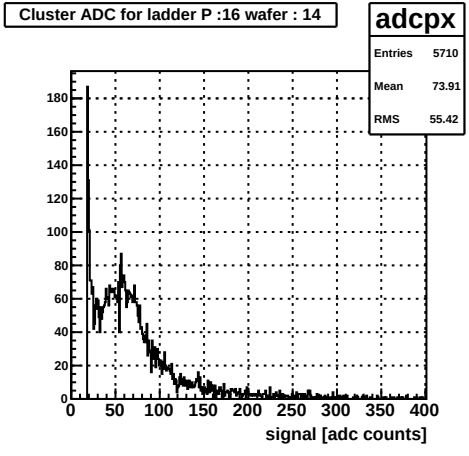

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5562
Mean 63.65
RMS 52.46
signal [adc counts]

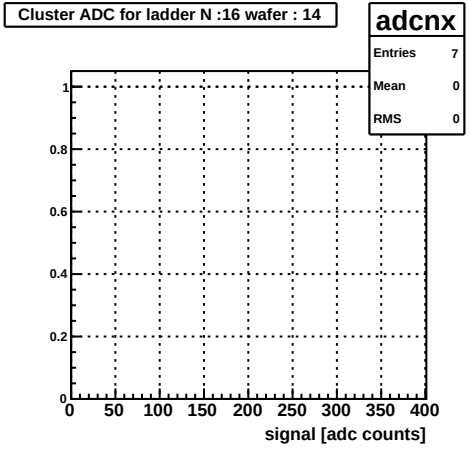

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

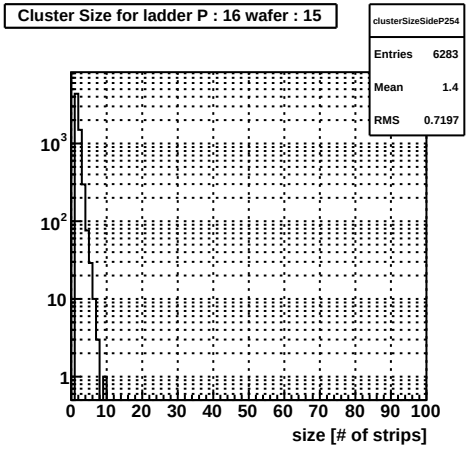

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 5710
Mean 1.405
RMS 0.7038
size [# of strips]

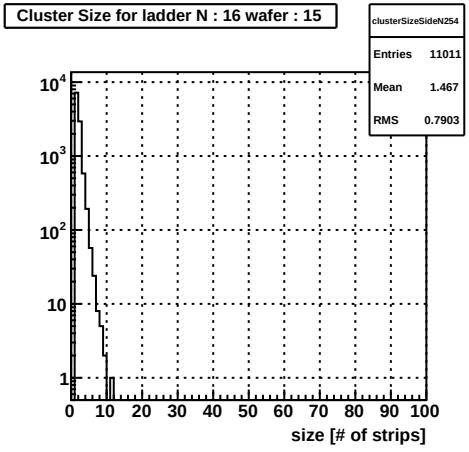

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 7
Mean 1.286
RMS 0.4518
size [# of strips]

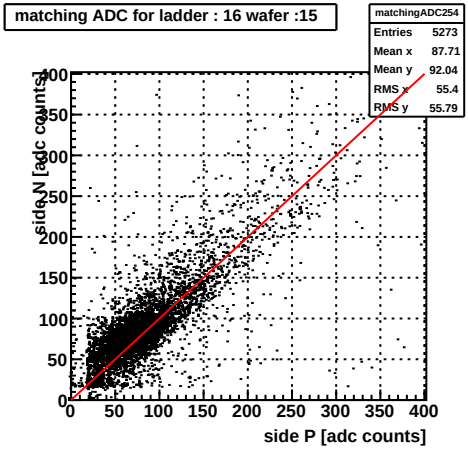

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

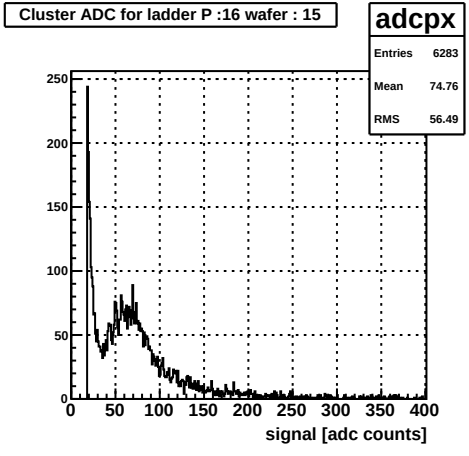

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 5710
Mean 73.91
RMS 55.42
signal [adc counts]

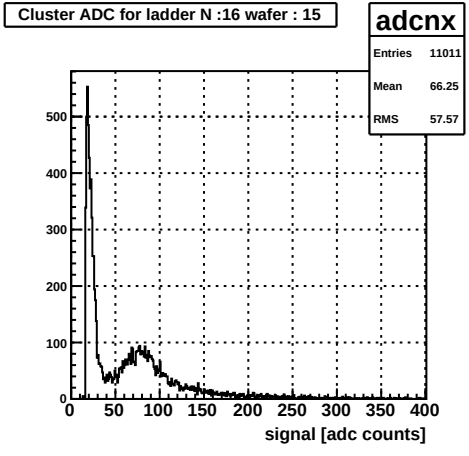

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

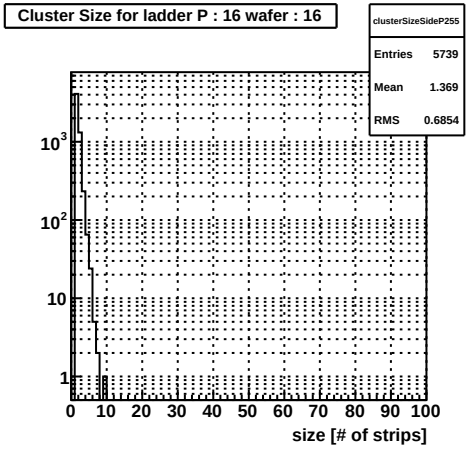

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 6283
Mean 1.4
RMS 0.7197
size [# of strips]

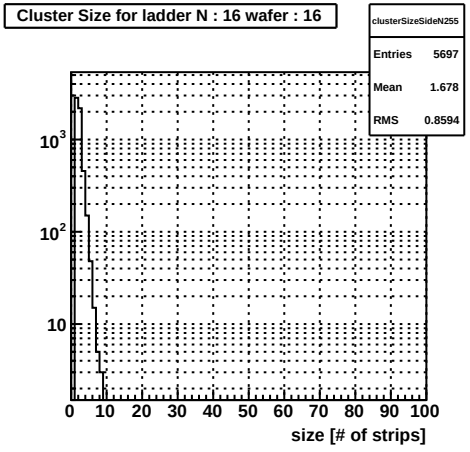

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 11011
Mean 1.467
RMS 0.7903
size [# of strips]

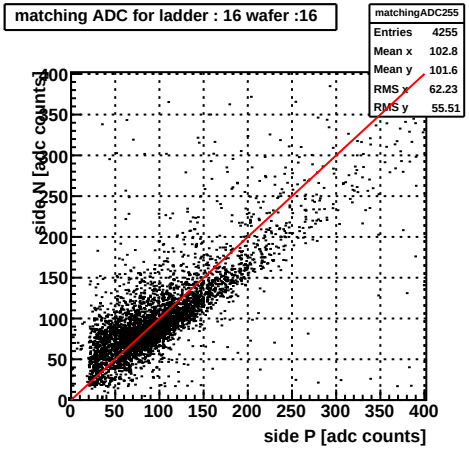

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 5273
Mean x 87.71
Mean y 92.04
RMS x 55.4
RMS y 55.79
side N [adc counts]
side P [adc counts]

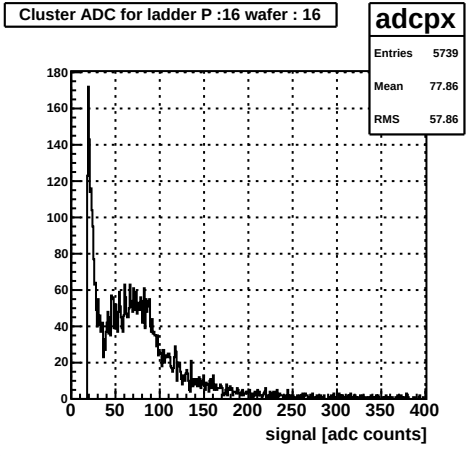

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 6283
Mean 74.76
RMS 56.49
signal [adc counts]

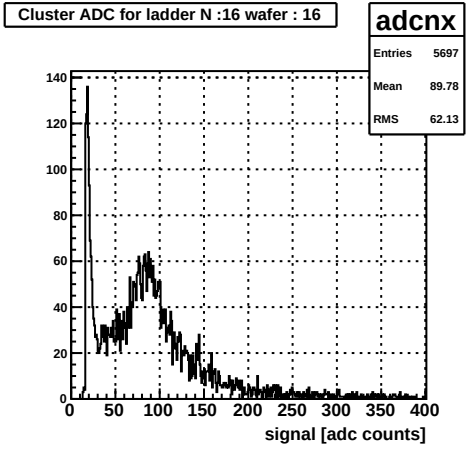

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 11011
Mean 66.25
RMS 57.57
signal [adc counts]

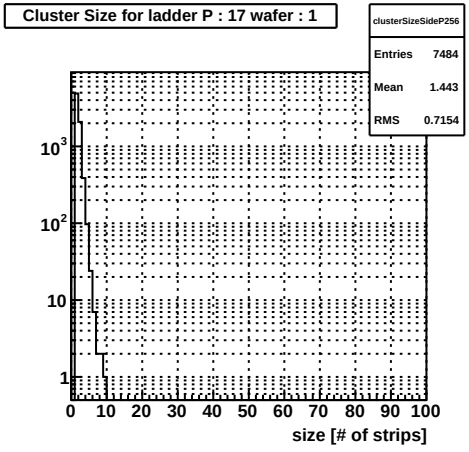

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 5739
Mean 1.369
RMS 0.6854
size [# of strips]

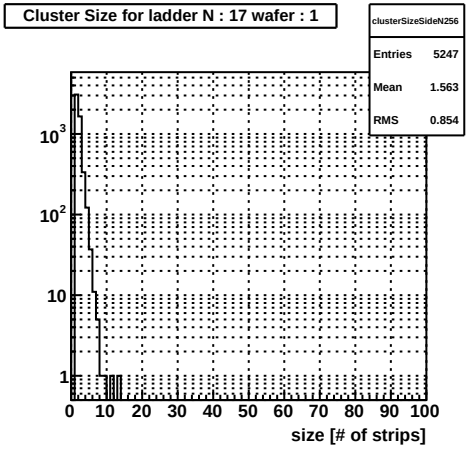

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 5697
Mean 1.678
RMS 0.8594
size [# of strips]

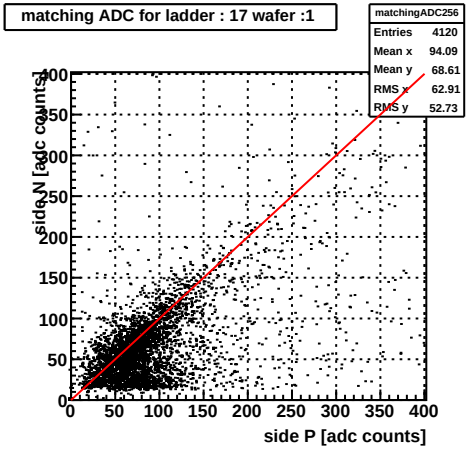

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 4255
Mean x 102.8
Mean y 101.6
RMS x 62.23
RMS y 55.51
side N [adc counts]
side P [adc counts]

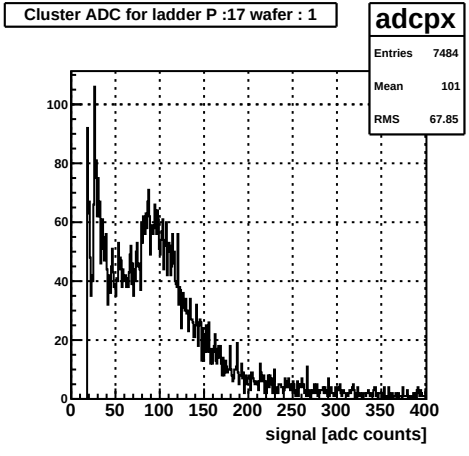

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 5739
Mean 77.86
RMS 57.86
signal [adc counts]

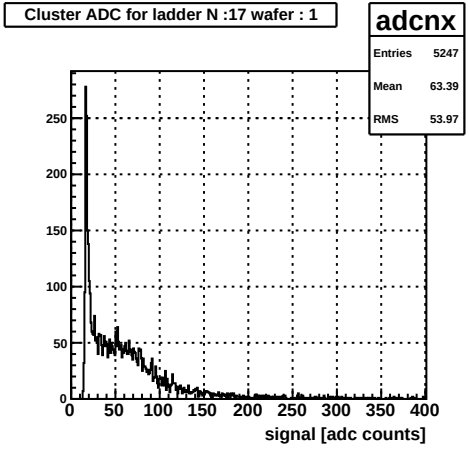

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 5697
Mean 89.78
RMS 62.13
signal [adc counts]

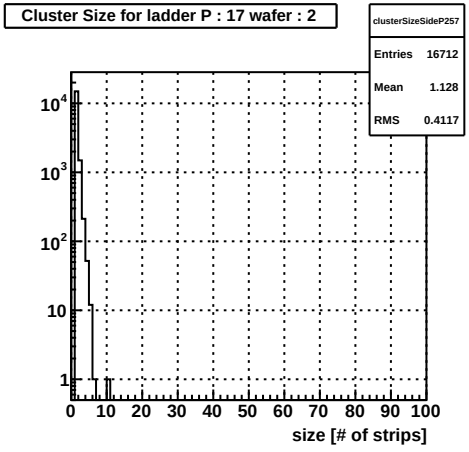

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 7484
Mean 1.443
RMS 0.7154
size [# of strips]

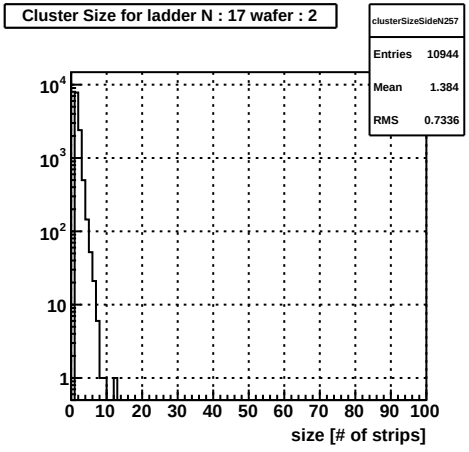

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 5247
Mean 1.563
RMS 0.854
size [# of strips]

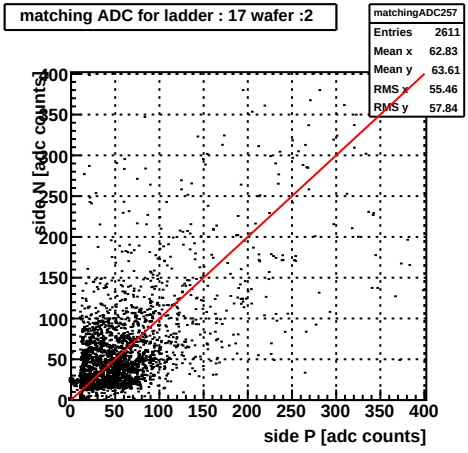

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 4120
Mean x 94.09
Mean y 68.61
RMS x 62.91
RMS y 52.73
side N [adc counts]
side P [adc counts]

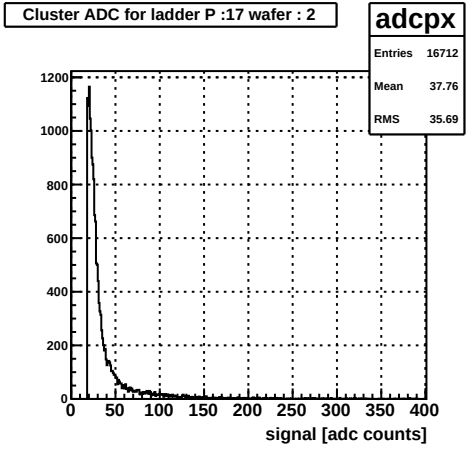

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 7484
Mean 101
RMS 67.85
signal [adc counts]

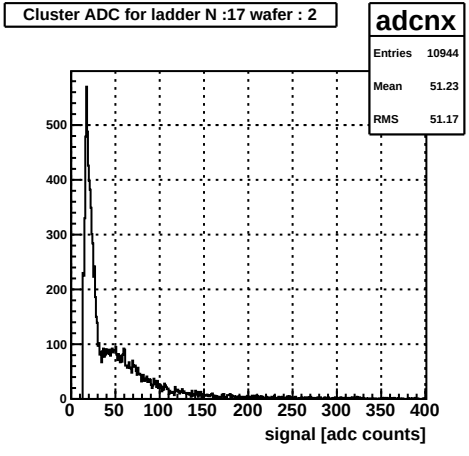

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 5247
Mean 63.39
RMS 53.97
signal [adc counts]

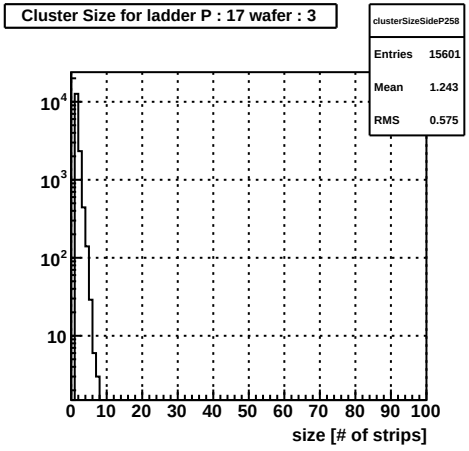

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 16712
Mean 1.128
RMS 0.4117
size [# of strips]

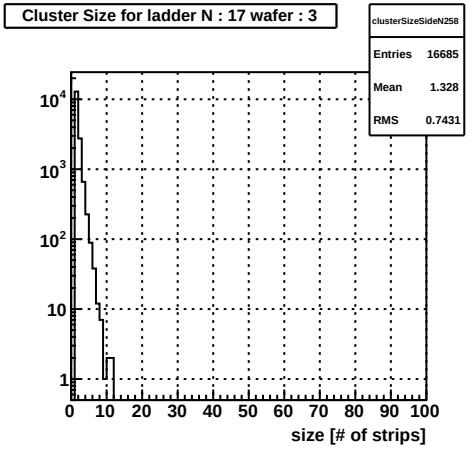

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 10944
Mean 1.384
RMS 0.7336
size [# of strips]

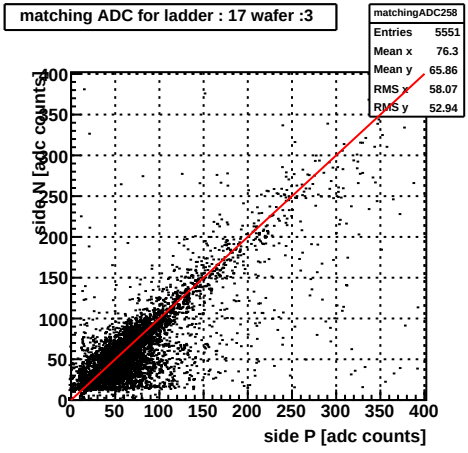

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2611
Mean x 62.83
Mean y 63.61
RMS x 55.46
RMS y 57.84
side N [adc counts]
side P [adc counts]

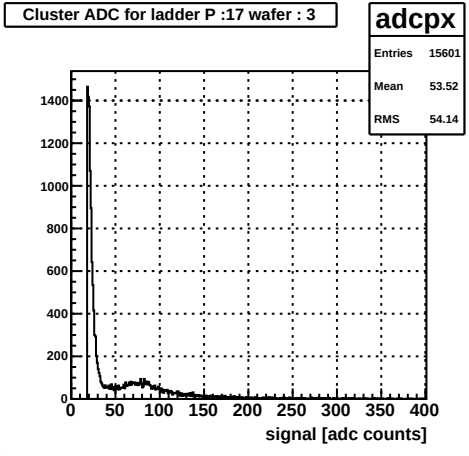

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 16712
Mean 37.76
RMS 35.69
signal [adc counts]

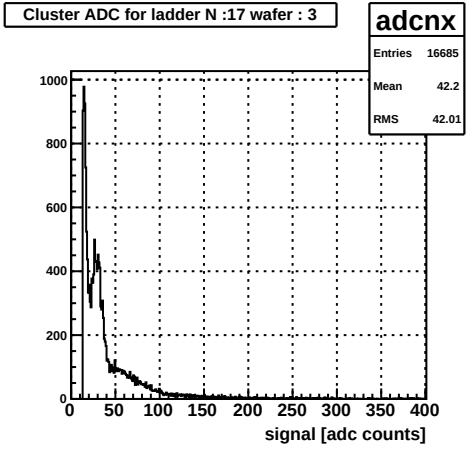

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 10944
Mean 51.23
RMS 51.17
signal [adc counts]

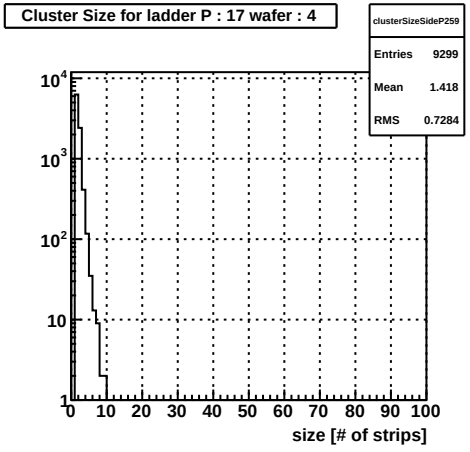

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 15601
Mean 1.243
RMS 0.575
size [# of strips]

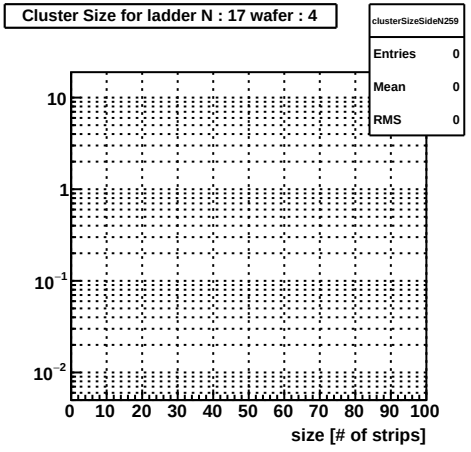

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 16685
Mean 1.328
RMS 0.7431
size [# of strips]

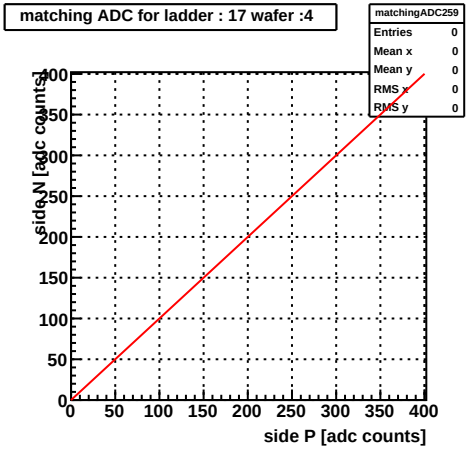

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 5551
Mean x 76.3
Mean y 65.86
RMS x 58.07
RMS y 52.94
side N [adc counts]
side P [adc counts]

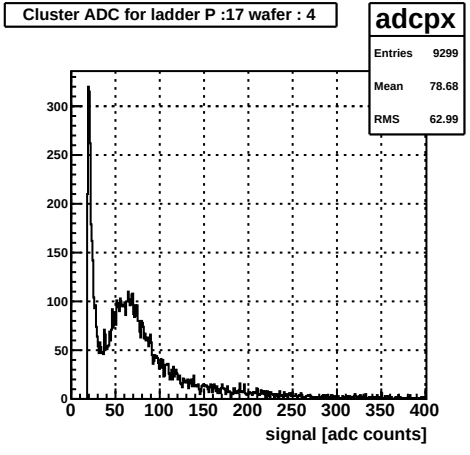

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 15601
Mean 53.52
RMS 54.14
signal [adc counts]

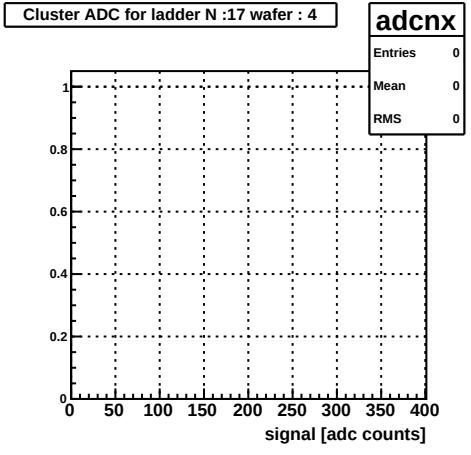

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 16685
Mean 42.2
RMS 42.01
signal [adc counts]

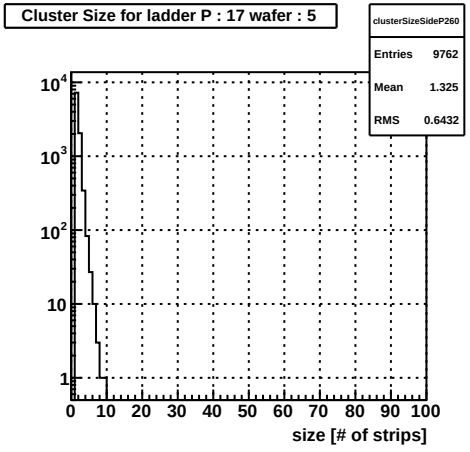

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9299
Mean 1.418
RMS 0.7284
size [# of strips]

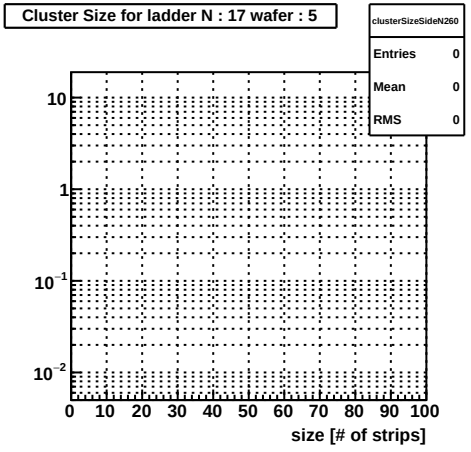

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

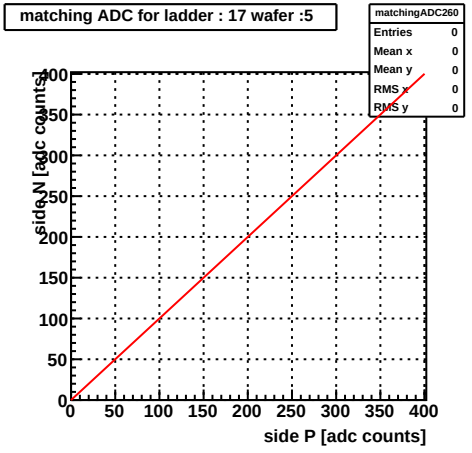

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

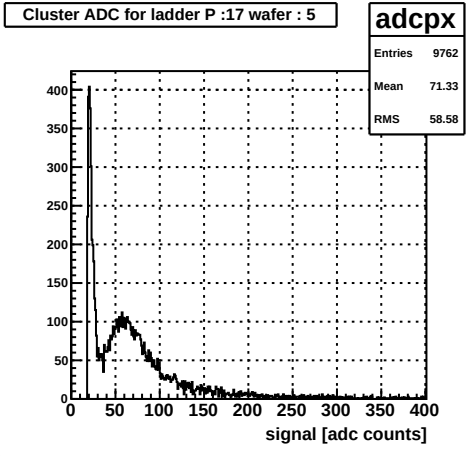

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9299
Mean 78.68
RMS 62.99
signal [adc counts]

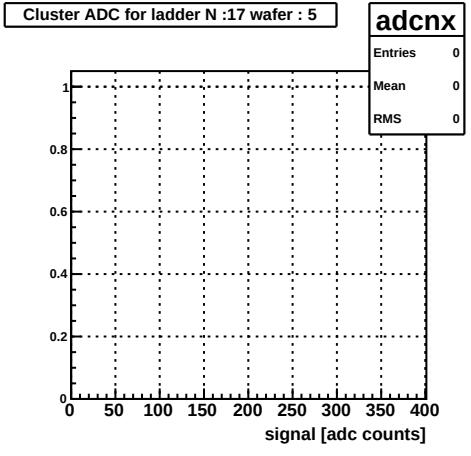

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

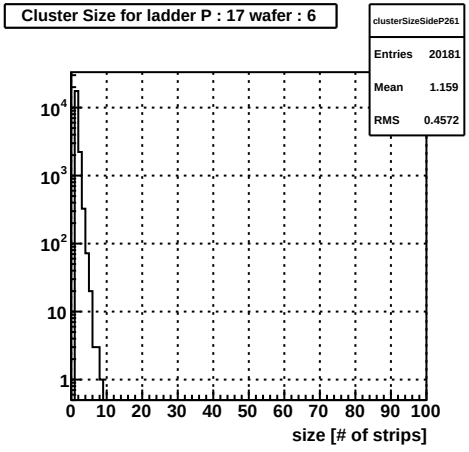

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 9762
Mean 1.325
RMS 0.6432
size [# of strips]

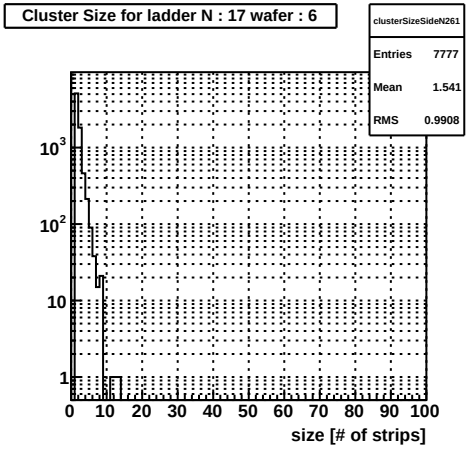

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

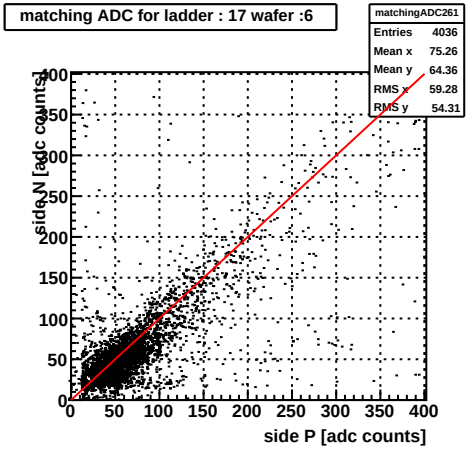

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

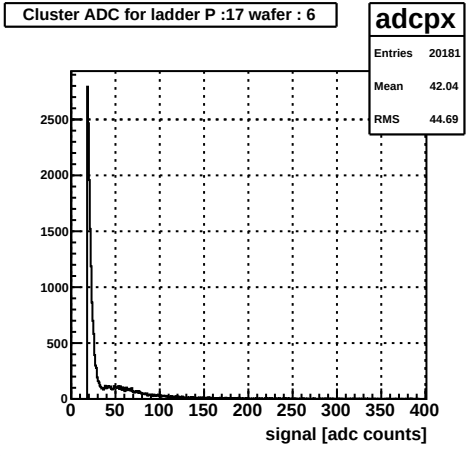

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 9762
Mean 71.33
RMS 58.58
signal [adc counts]

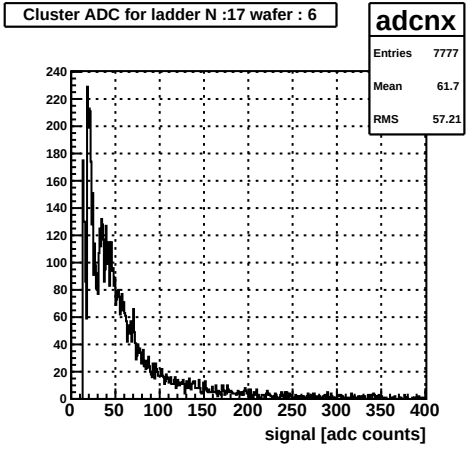

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

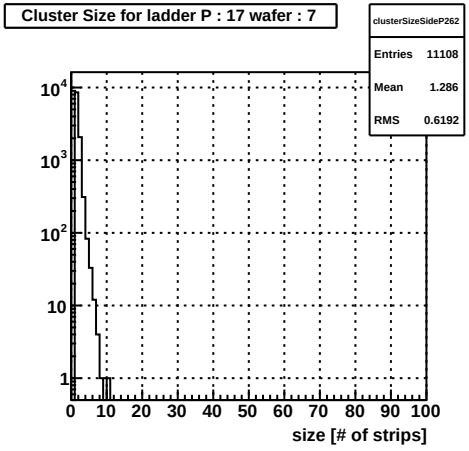

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 20181
Mean 1.159
RMS 0.4572
size [# of strips]

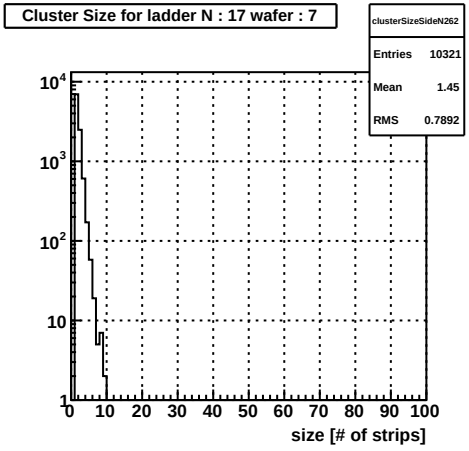

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 7777
Mean 1.541
RMS 0.9908
size [# of strips]

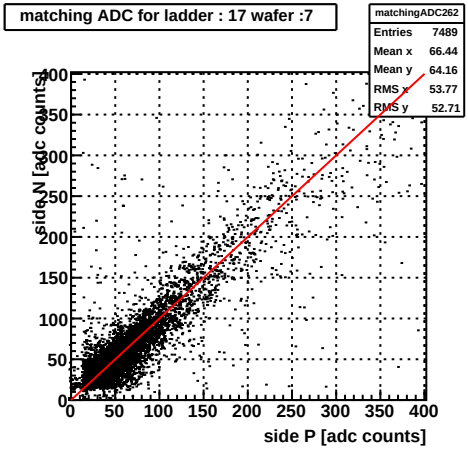

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4036
Mean x 75.26
Mean y 64.36
RMS x 59.28
RMS y 54.31
side N [adc counts]
side P [adc counts]

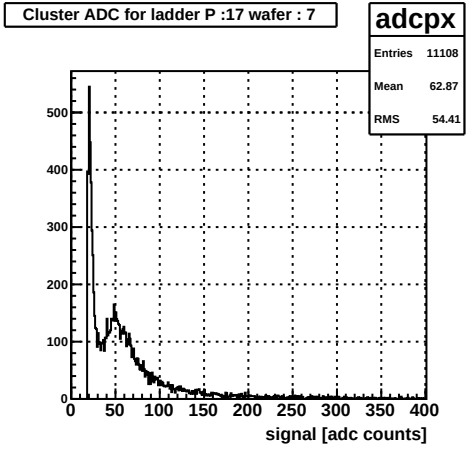

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 20181
Mean 42.04
RMS 44.69
signal [adc counts]

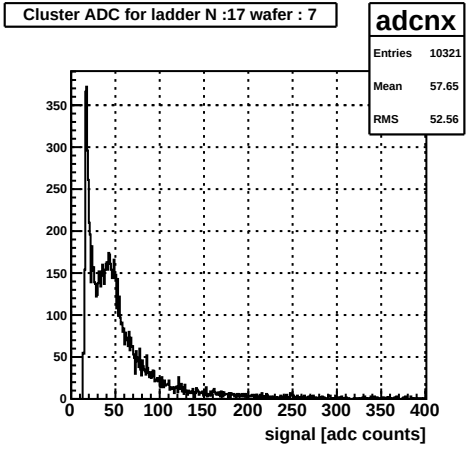

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 7777
Mean 61.7
RMS 57.21
signal [adc counts]

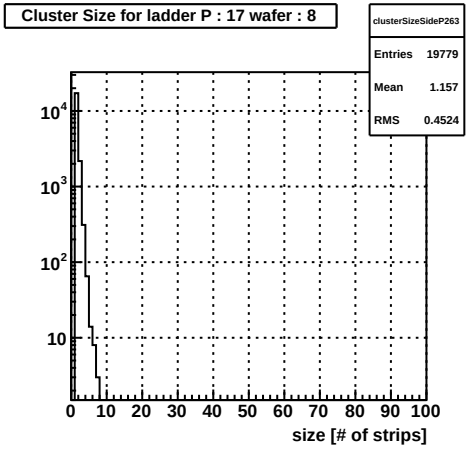

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11108
Mean 1.286
RMS 0.6192
size [# of strips]

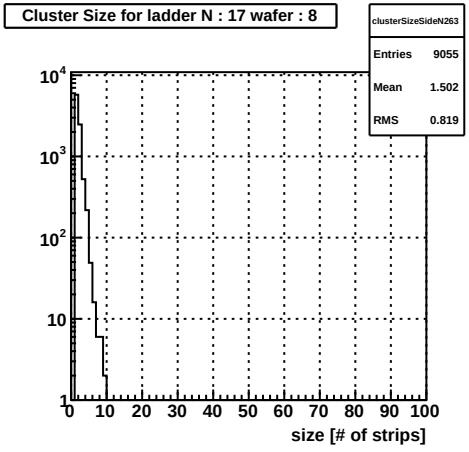

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 10321
Mean 1.45
RMS 0.7892
size [# of strips]

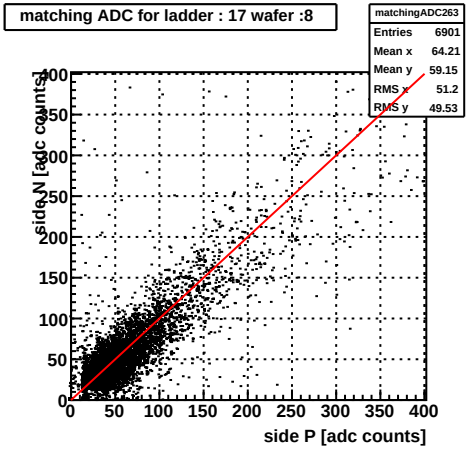

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 7489
Mean x 66.44
Mean y 64.16
RMS x 53.77
RMS y 52.71
side N [adc counts]
side P [adc counts]

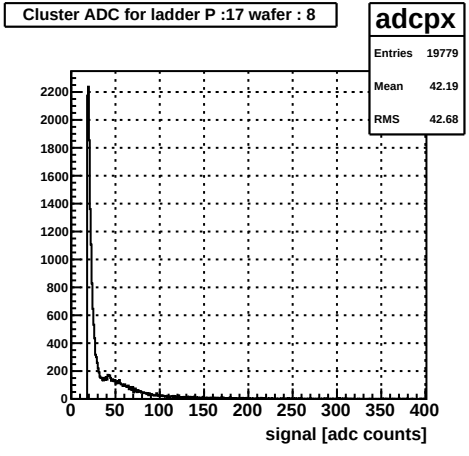

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11108
Mean 62.87
RMS 54.41
signal [adc counts]

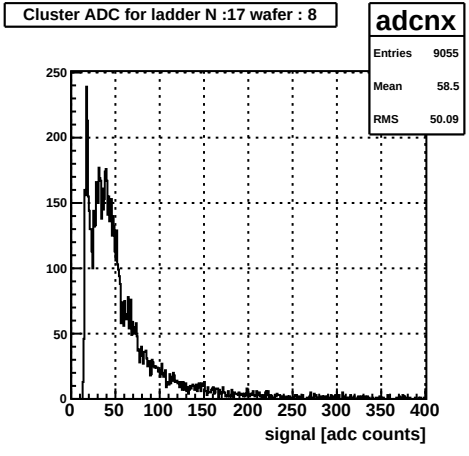

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 10321
Mean 57.65
RMS 52.56
signal [adc counts]

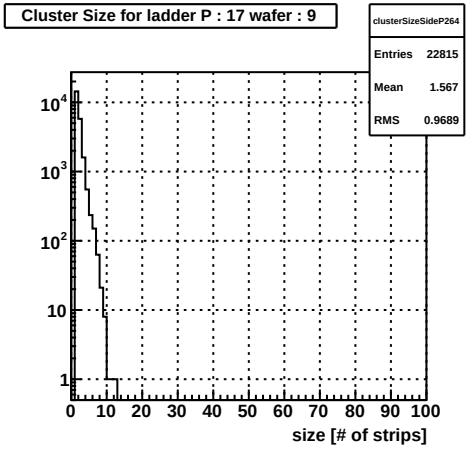

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 19779
Mean 1.157
RMS 0.4524
size [# of strips]

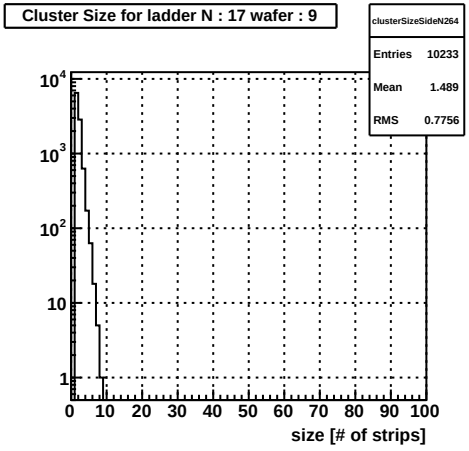

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 9055
Mean 1.502
RMS 0.819
size [# of strips]

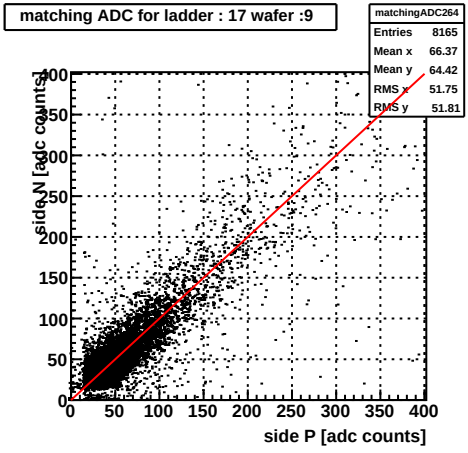

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 6901
Mean x 64.21
Mean y 59.15
RMS x 51.2
RMS y 49.53
side N [adc counts]
side P [adc counts]

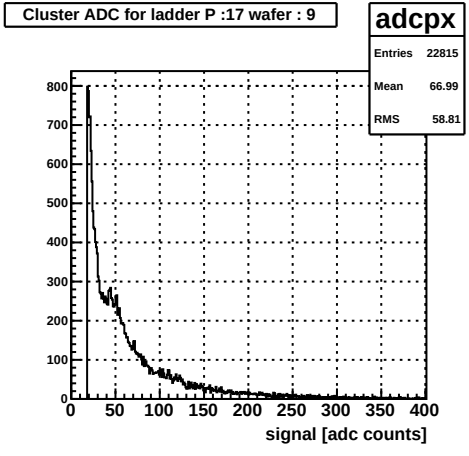

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 19779
Mean 42.19
RMS 42.68
signal [adc counts]

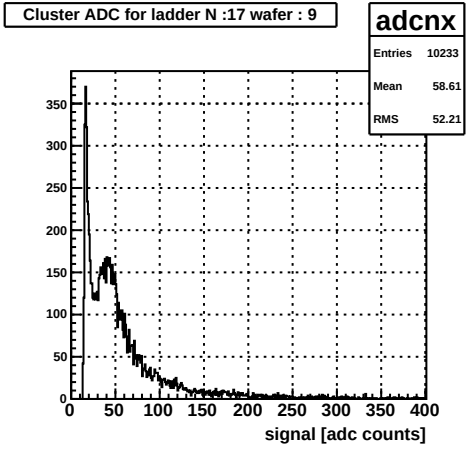

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 9055
Mean 58.5
RMS 50.09
signal [adc counts]

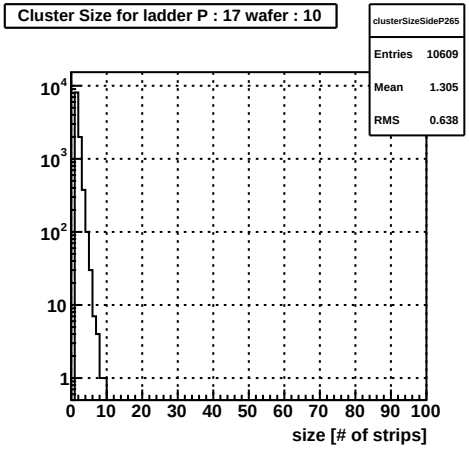

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 22815
Mean 1.567
RMS 0.9689
size [# of strips]

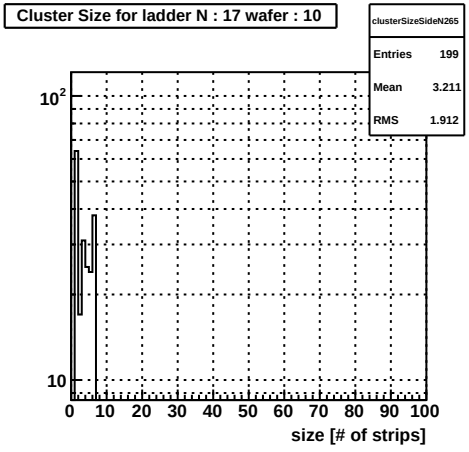

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 10233
Mean 1.489
RMS 0.7756
size [# of strips]

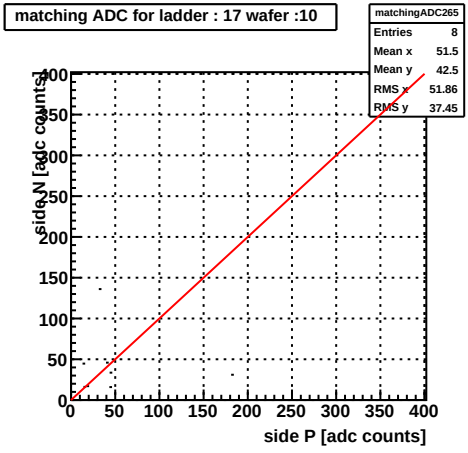

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 8165
Mean x 66.37
Mean y 64.42
RMS x 51.75
RMS y 51.81
side N [adc counts]
side P [adc counts]

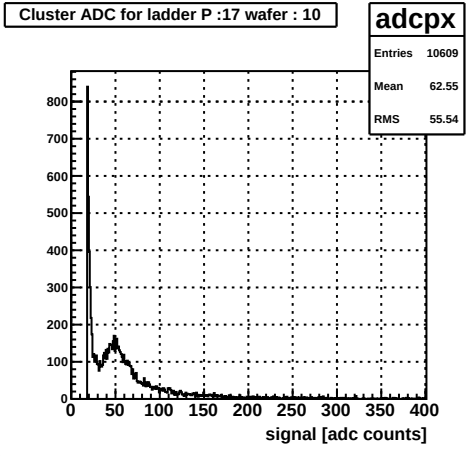

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 22815
Mean 66.99
RMS 58.81
signal [adc counts]

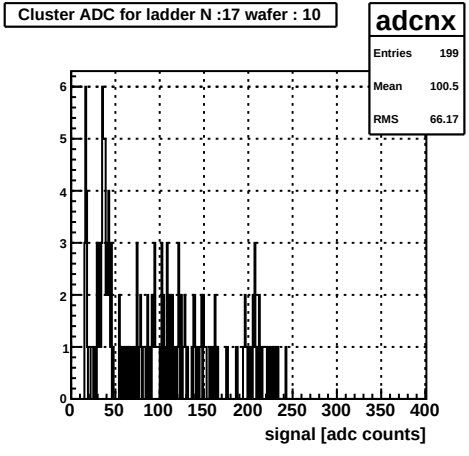

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 10233
Mean 58.61
RMS 52.21
signal [adc counts]

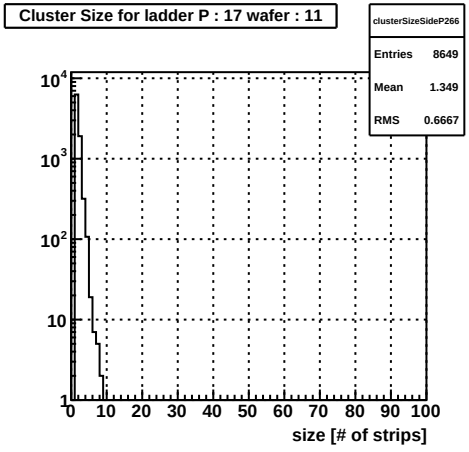

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 10609
Mean 1.305
RMS 0.638
size [# of strips]

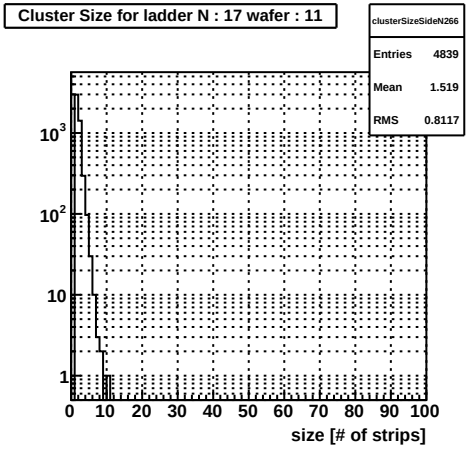

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 199
Mean 3.211
RMS 1.912
size [# of strips]

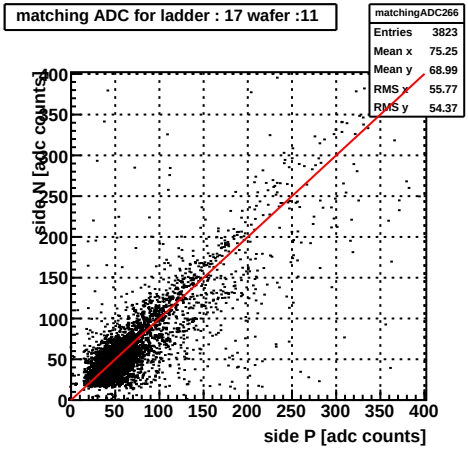

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 8
Mean x 51.5
Mean y 42.5
RMS x 51.86
RMS y 37.45
side N [adc counts]
side P [adc counts]

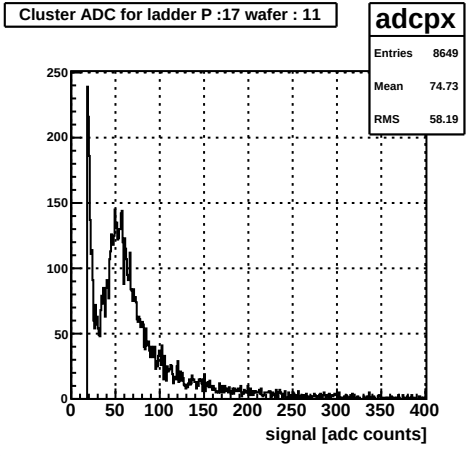

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 10609
Mean 62.55
RMS 55.54
signal [adc counts]

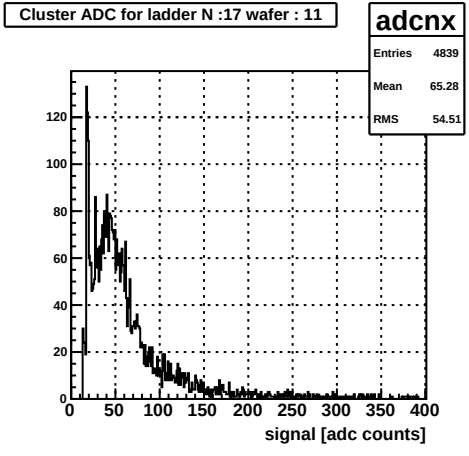

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 199
Mean 100.5
RMS 66.17
signal [adc counts]

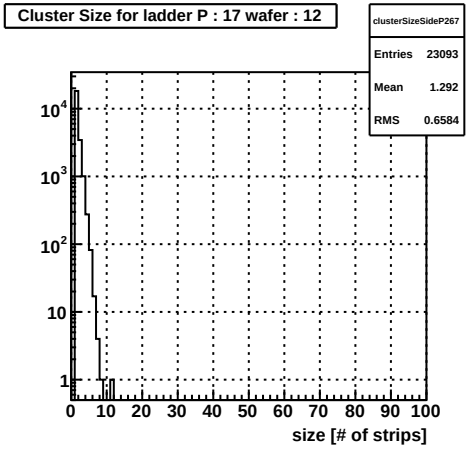

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8649
Mean 1.349
RMS 0.6667
size [# of strips]

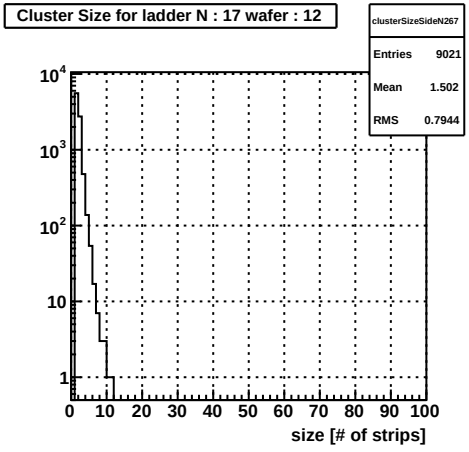

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 4839
Mean 1.519
RMS 0.8117
size [# of strips]

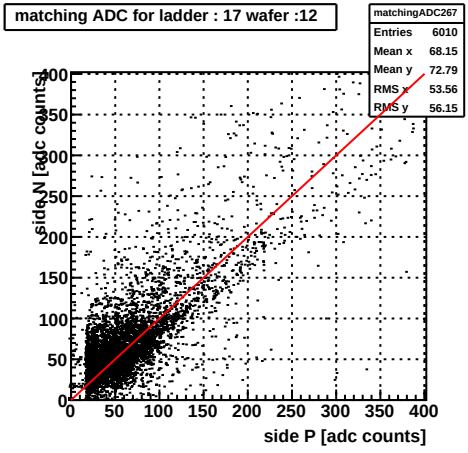

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 3823
Mean x 75.25
Mean y 68.99
RMS x 55.77
RMS y 54.37
side N [adc counts]
side P [adc counts]

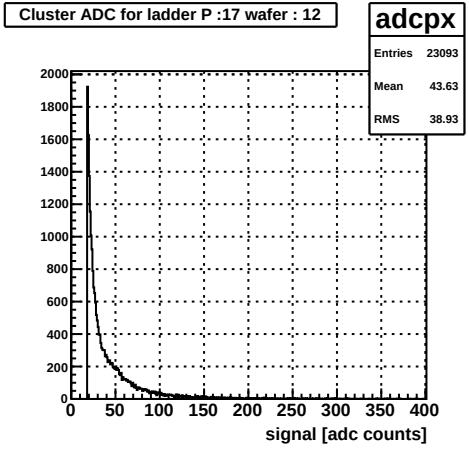

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8649
Mean 74.73
RMS 58.19
signal [adc counts]

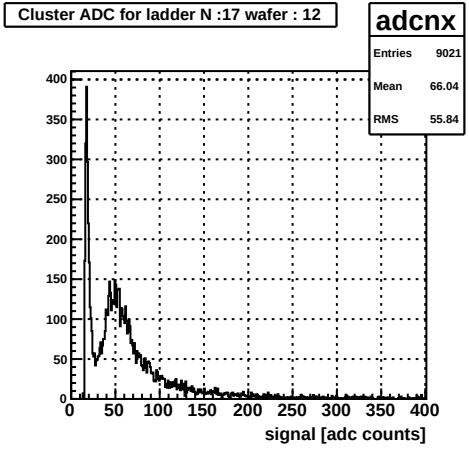

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 4839
Mean 65.28
RMS 54.51
signal [adc counts]

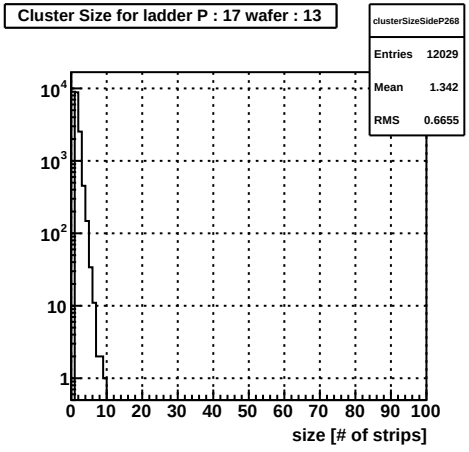

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 23093
Mean 1.292
RMS 0.6584
size [# of strips]

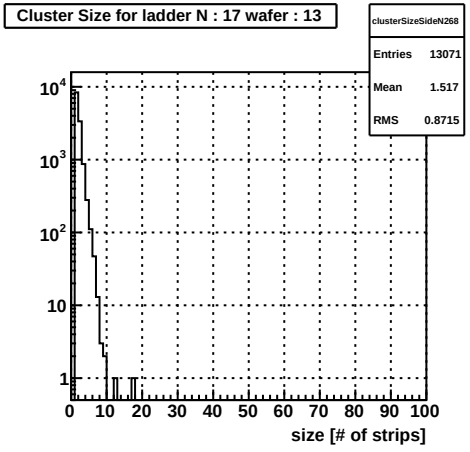

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 9021
Mean 1.502
RMS 0.7944
size [# of strips]

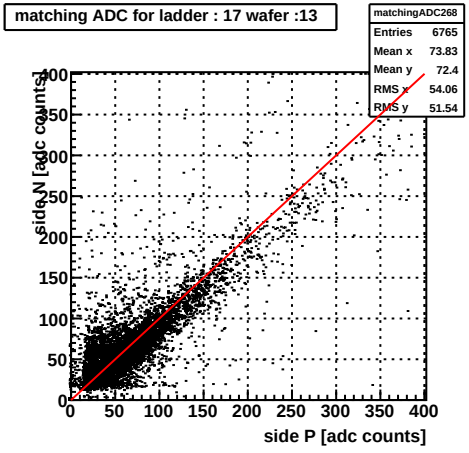

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6010
Mean x 68.15
Mean y 72.79
RMS x 53.56
RMS y 56.15
side N [adc counts]
side P [adc counts]

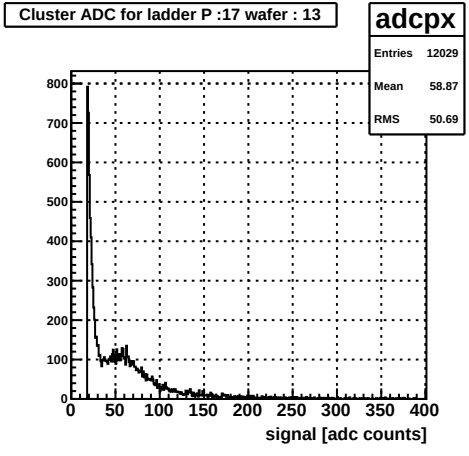

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 23093
Mean 43.63
RMS 38.93
signal [adc counts]

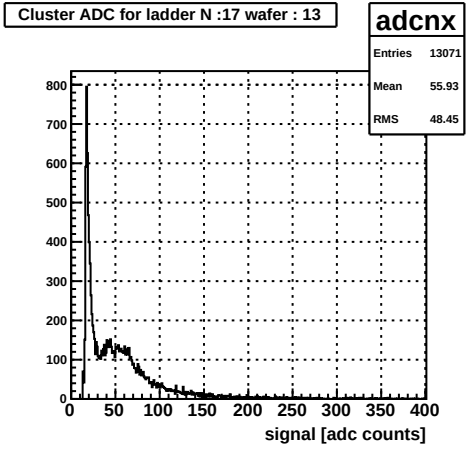

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 9021
Mean 66.04
RMS 55.84
signal [adc counts]

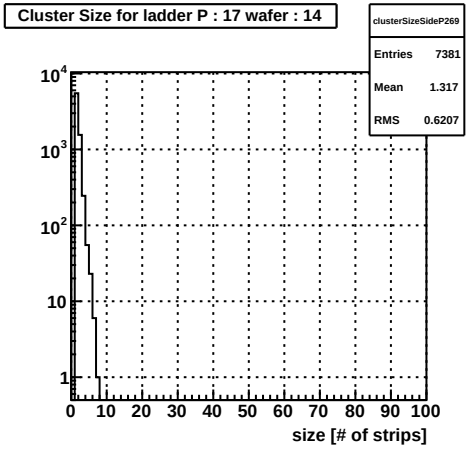

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 12029
Mean 1.342
RMS 0.6655
size [# of strips]

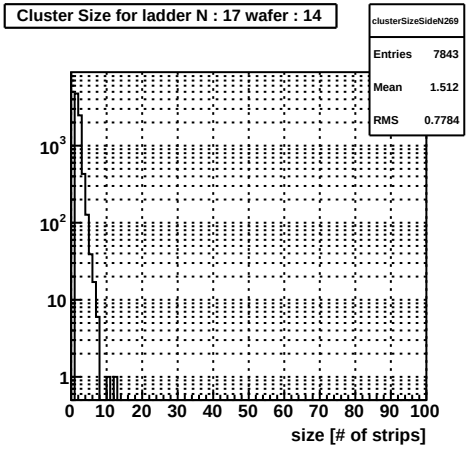

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 13071
Mean 1.517
RMS 0.8715
size [# of strips]

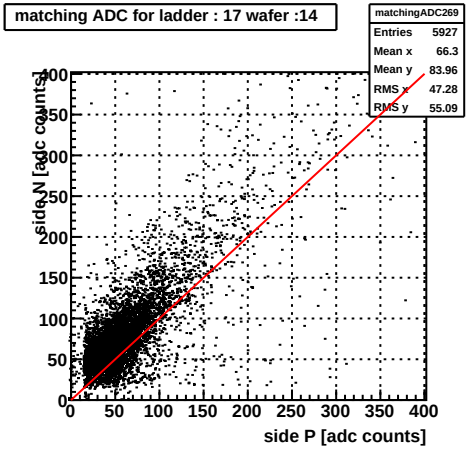

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 6765
Mean x 73.83
Mean y 72.4
RMS x 54.06
RMS y 51.54
side N [adc counts]
side P [adc counts]

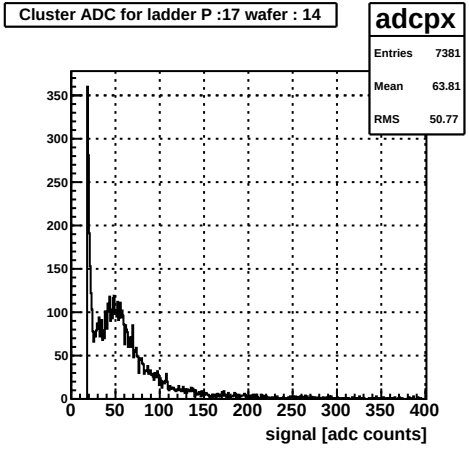

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 12029
Mean 58.87
RMS 50.69
signal [adc counts]

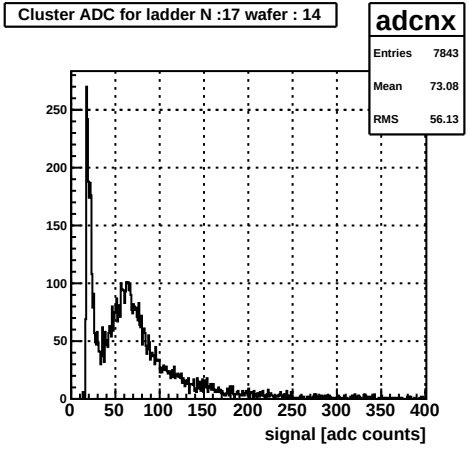

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 13071
Mean 55.93
RMS 48.45
signal [adc counts]

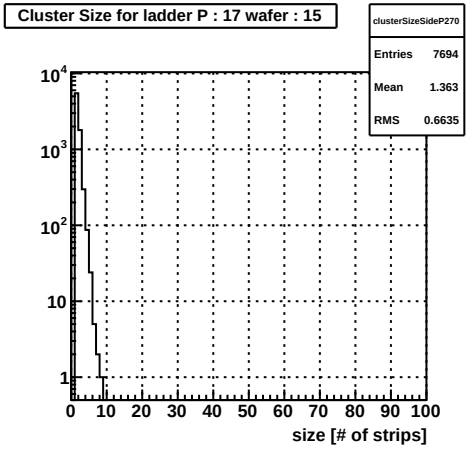

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 7381
Mean 1.317
RMS 0.6207
size [# of strips]

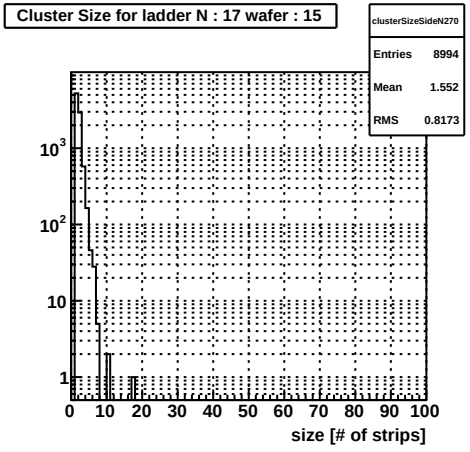

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 7843
Mean 1.512
RMS 0.7784
size [# of strips]

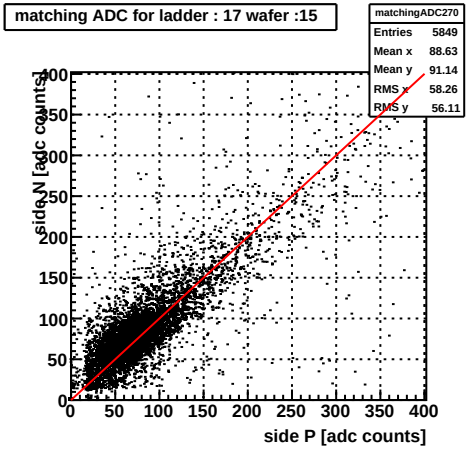

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 5927
Mean x 66.3
Mean y 83.96
RMS x 47.28
RMS y 55.09
side N [adc counts]
side P [adc counts]

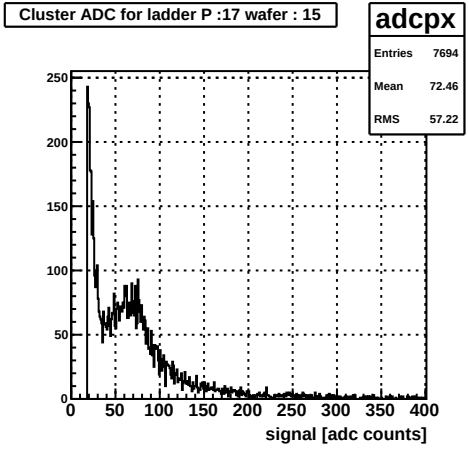

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 7381
Mean 63.81
RMS 50.77
signal [adc counts]

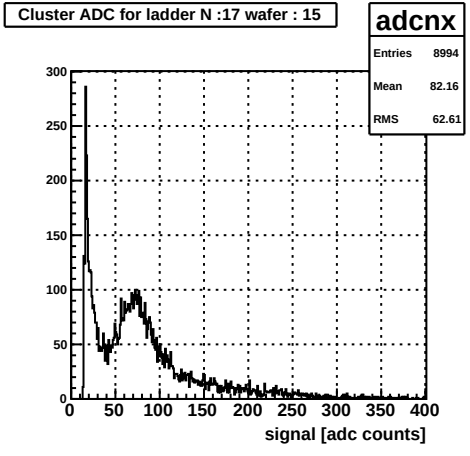

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 7843
Mean 73.08
RMS 56.13
signal [adc counts]

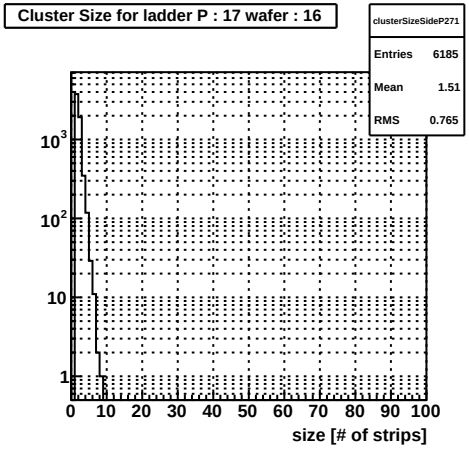

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7694
Mean 1.363
RMS 0.6635
size [# of strips]

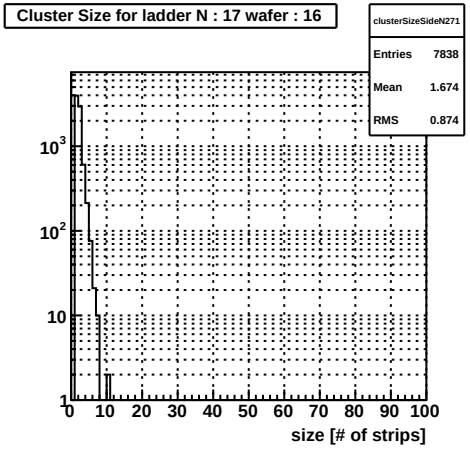

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 8994
Mean 1.552
RMS 0.8173
size [# of strips]

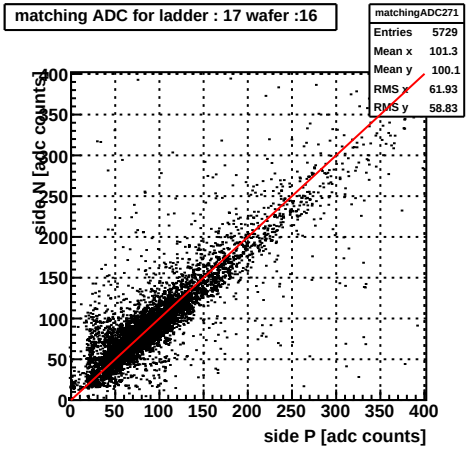

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 5849
Mean x 88.63
Mean y 91.14
RMS x 58.26
RMS y 56.11
side N [adc counts]
side P [adc counts]

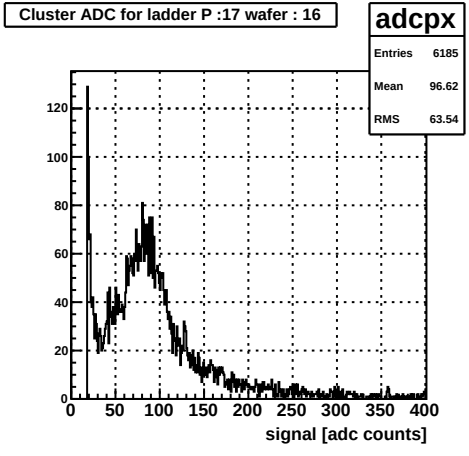

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7694
Mean 72.46
RMS 57.22
signal [adc counts]

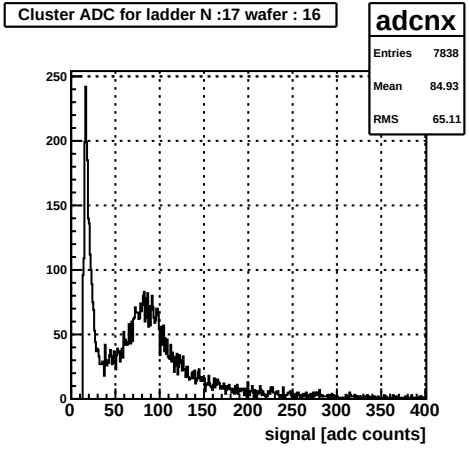

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 8994
Mean 82.16
RMS 62.61
signal [adc counts]

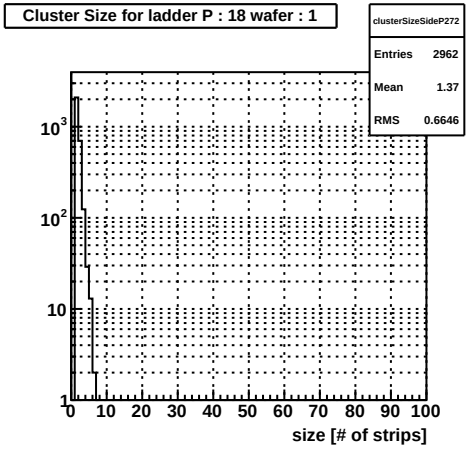

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 6185
Mean 1.51
RMS 0.765
size [# of strips]

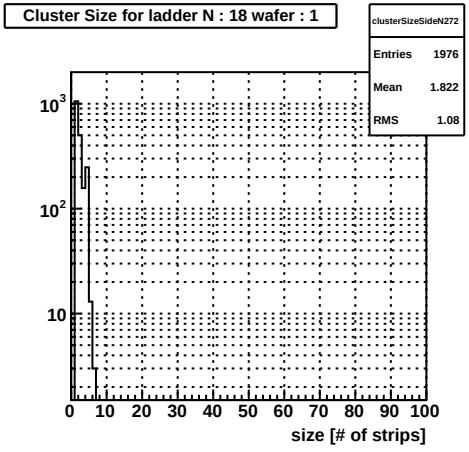

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 7838
Mean 1.674
RMS 0.874
size [# of strips]

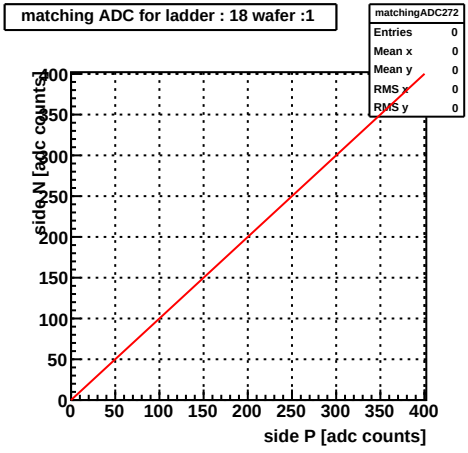

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 5729
Mean x 101.3
Mean y 100.1
RMS x 61.93
RMS y 58.83
side N [adc counts]
side P [adc counts]

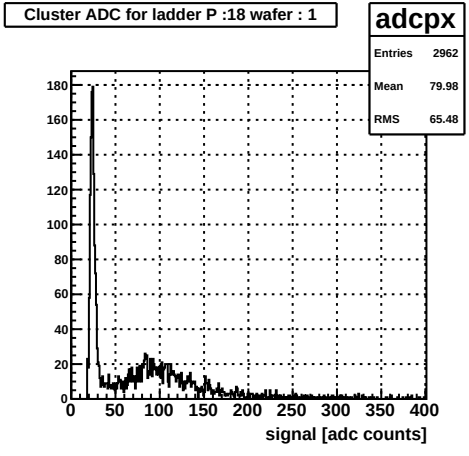

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 6185
Mean 96.62
RMS 63.54
signal [adc counts]

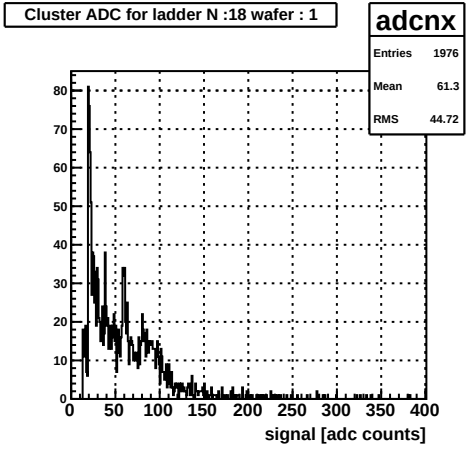

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 7838
Mean 84.93
RMS 65.11
signal [adc counts]

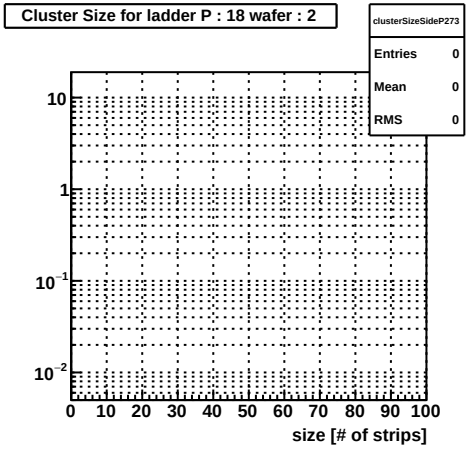

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2962
Mean 1.37
RMS 0.6646
size [# of strips]

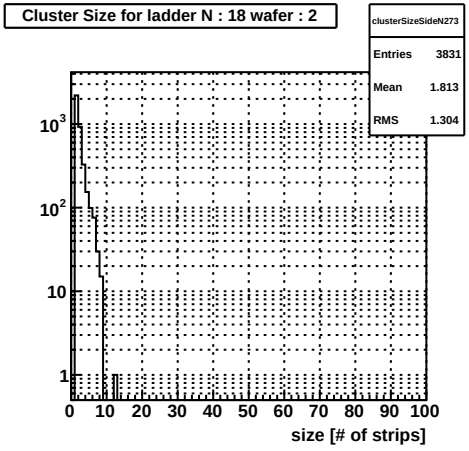

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1976
Mean 1.822
RMS 1.08
size [# of strips]

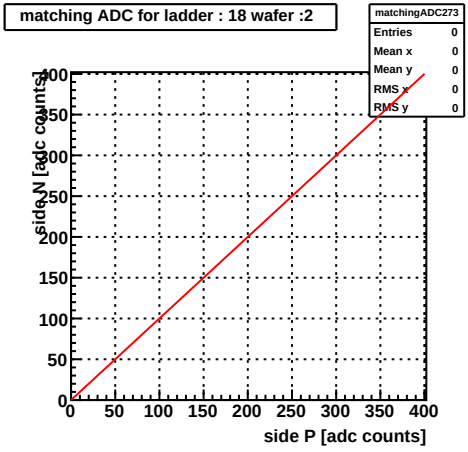

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

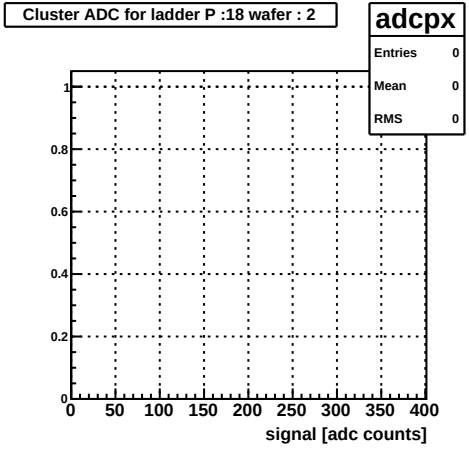

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2962
Mean 79.98
RMS 65.48
signal [adc counts]

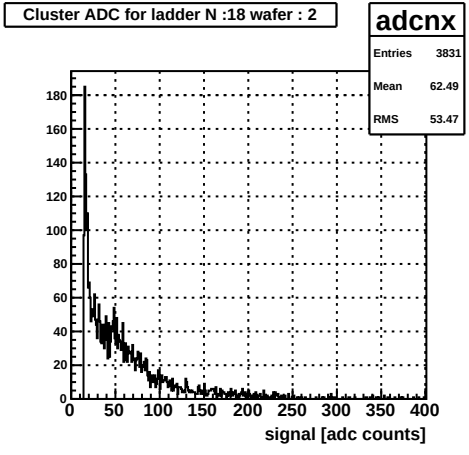

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1976
Mean 61.3
RMS 44.72
signal [adc counts]

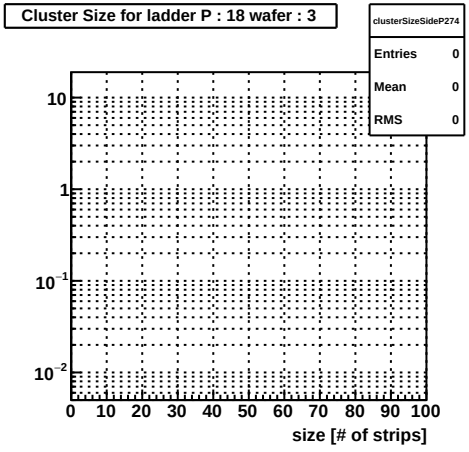

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

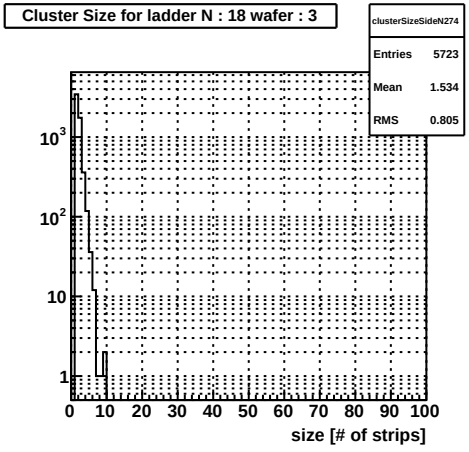

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3831
Mean 1.813
RMS 1.304
size [# of strips]

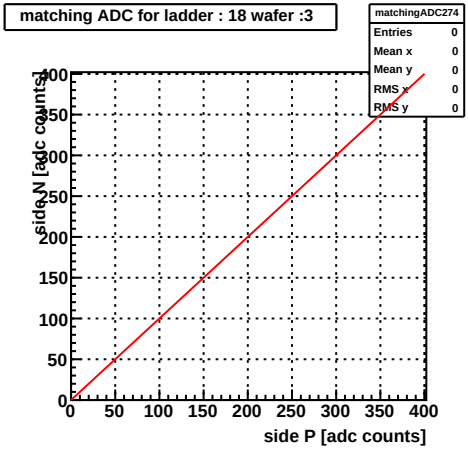

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

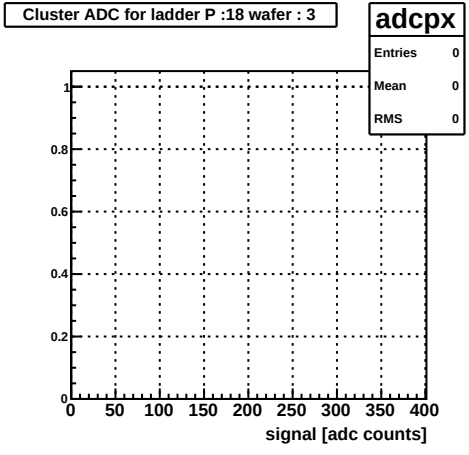

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

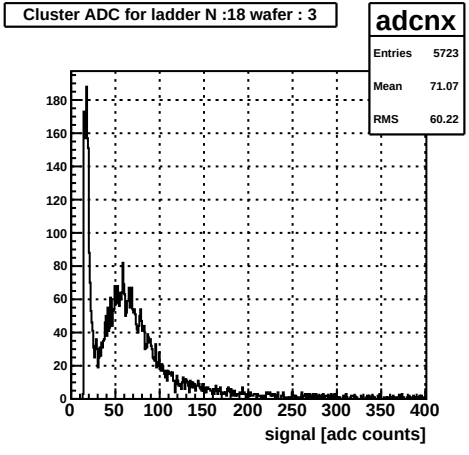

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3831
Mean 62.49
RMS 53.47
signal [adc counts]

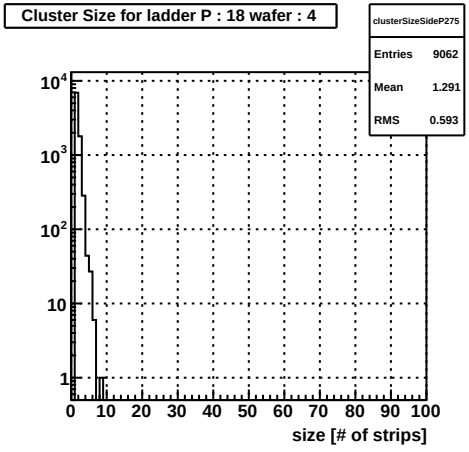

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

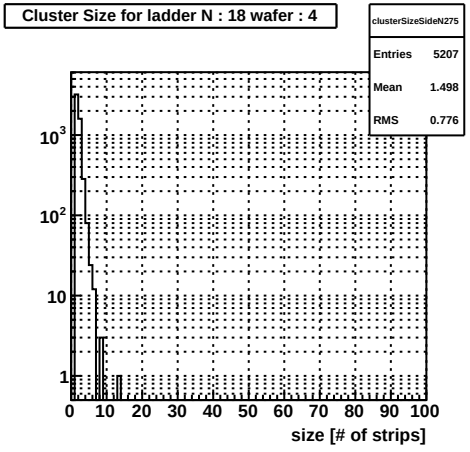

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 5723
Mean 1.534
RMS 0.805
size [# of strips]

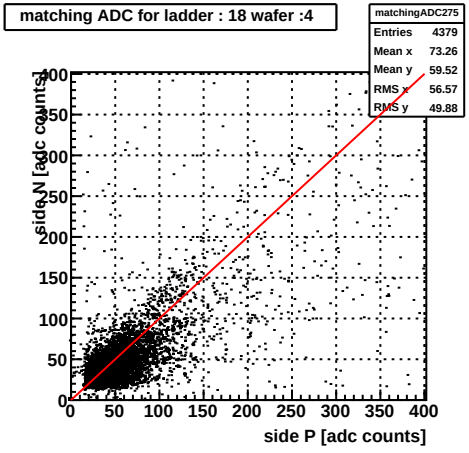

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

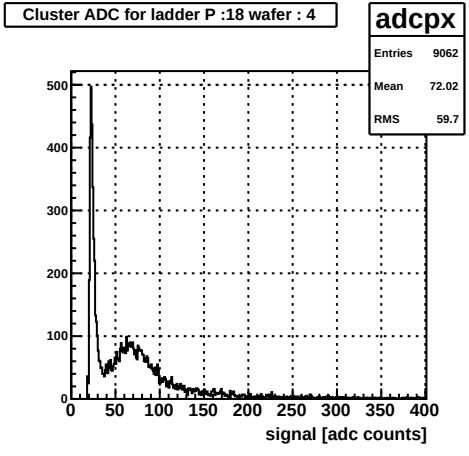

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

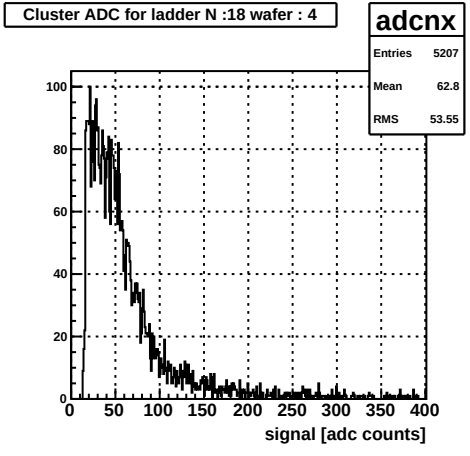

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 5723
Mean 71.07
RMS 60.22
signal [adc counts]

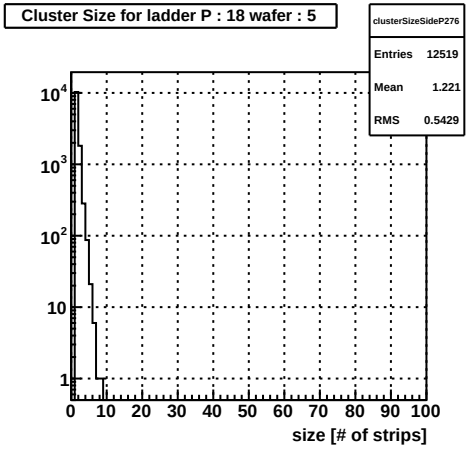

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 9062
Mean 1.291
RMS 0.593
size [# of strips]

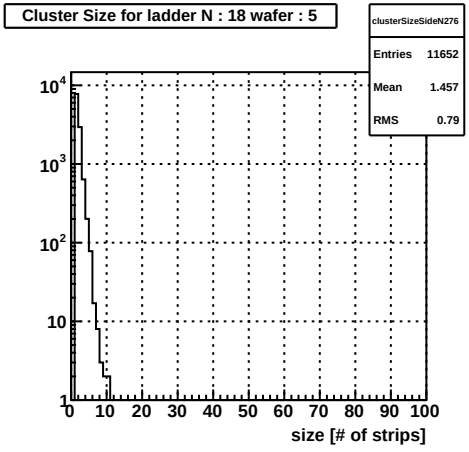

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 5207
Mean 1.498
RMS 0.776
size [# of strips]

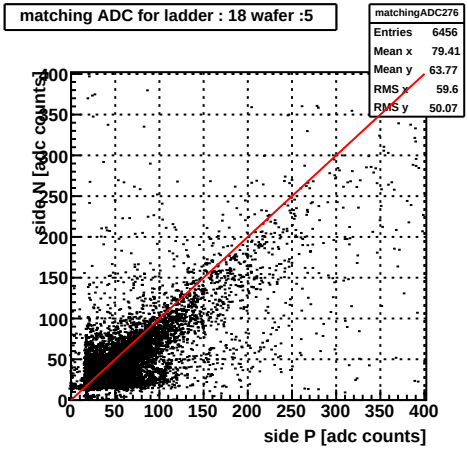

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4379
Mean x 73.26
Mean y 59.52
RMS x 56.57
RMS y 49.88
side N [adc counts]
side P [adc counts]

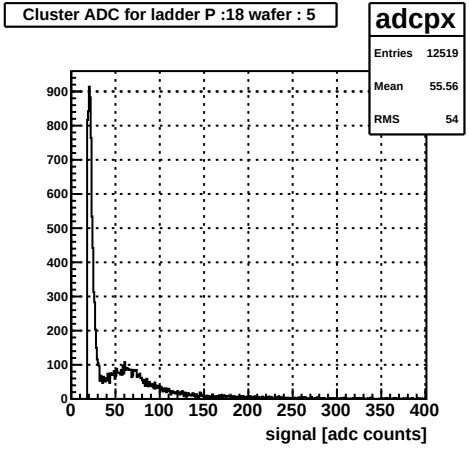

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 9062
Mean 72.02
RMS 59.7
signal [adc counts]

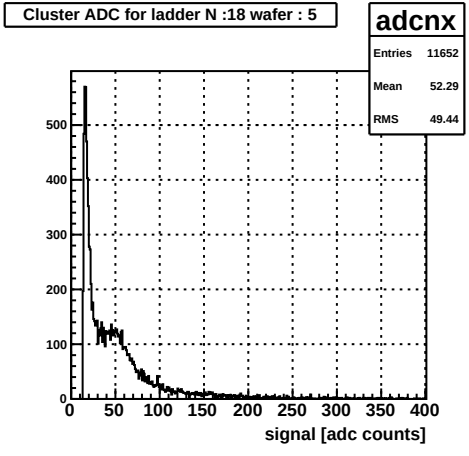

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 5207
Mean 62.8
RMS 53.55
signal [adc counts]

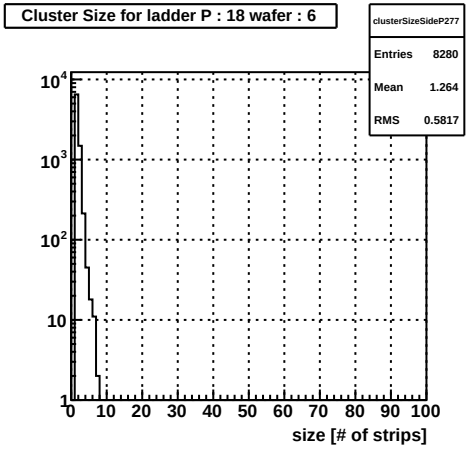

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 12519
Mean 1.221
RMS 0.5429
size [# of strips]

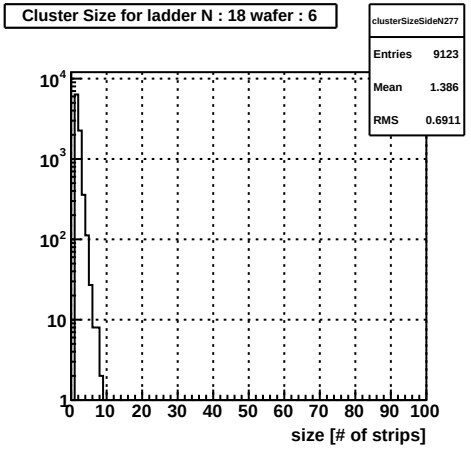

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 11652
Mean 1.457
RMS 0.79
size [# of strips]

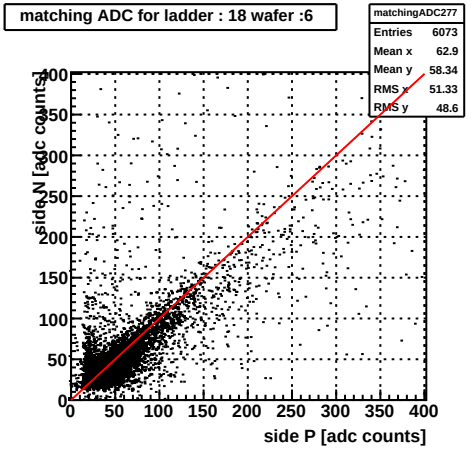

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6456
Mean x 79.41
Mean y 63.77
RMS x 59.6
RMS y 50.07
side N [adc counts]
side P [adc counts]

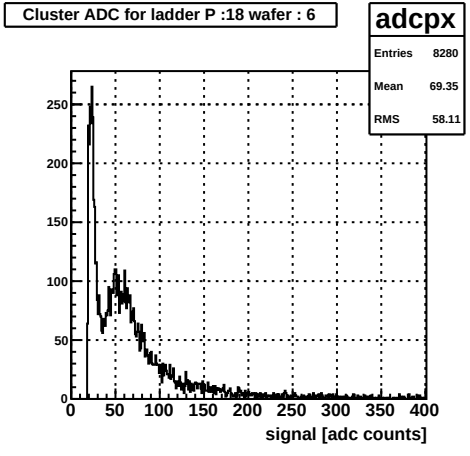

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 12519
Mean 55.56
RMS 54
signal [adc counts]

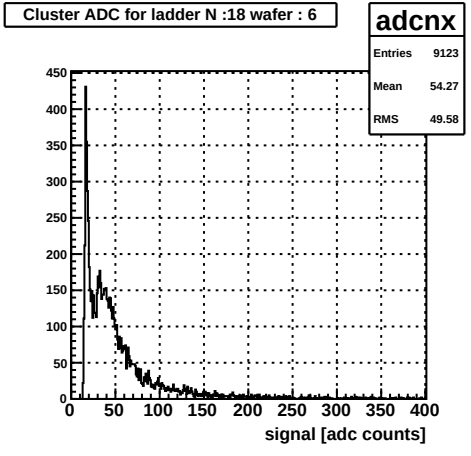

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 11652
Mean 52.29
RMS 49.44
signal [adc counts]

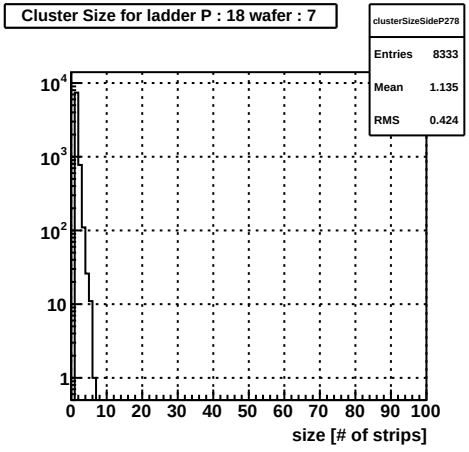

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8280
Mean 1.264
RMS 0.5817
size [# of strips]

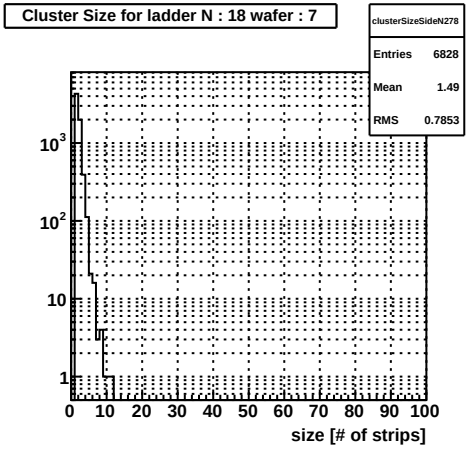

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 9123
Mean 1.386
RMS 0.6911
size [# of strips]

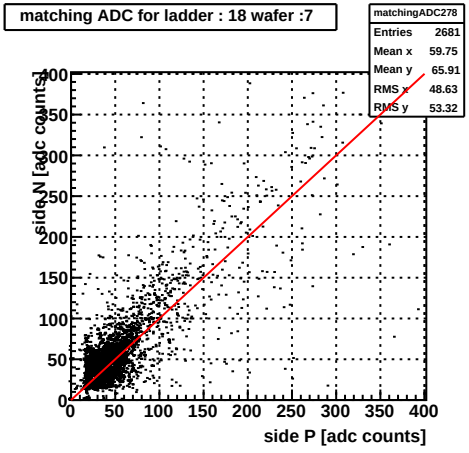

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6073
Mean x 62.9
Mean y 58.34
RMS x 51.33
RMS y 48.6
side N [adc counts]
side P [adc counts]

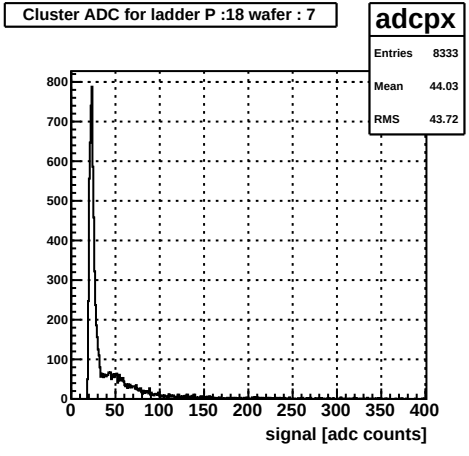

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8280
Mean 69.35
RMS 58.11
signal [adc counts]

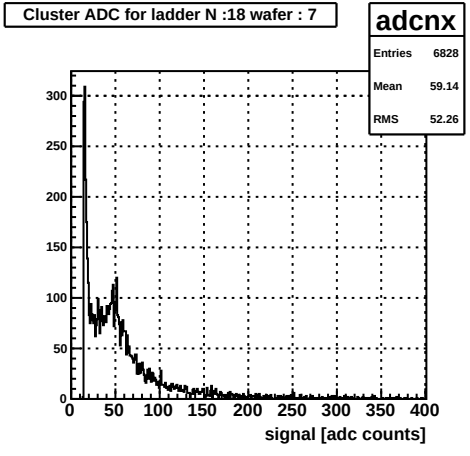

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 9123
Mean 54.27
RMS 49.58
signal [adc counts]

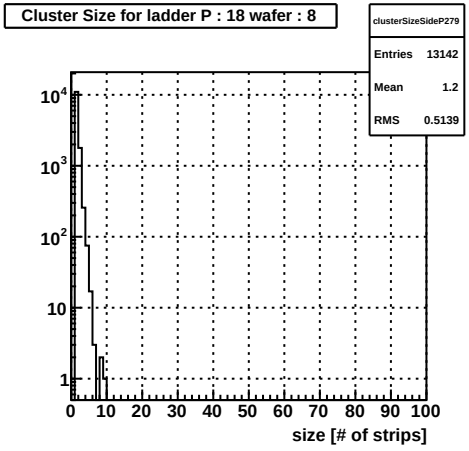

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 8333
Mean 1.135
RMS 0.424
size [# of strips]

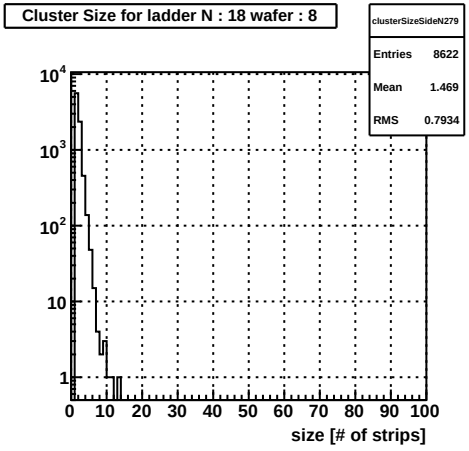

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 6828
Mean 1.49
RMS 0.7853
size [# of strips]

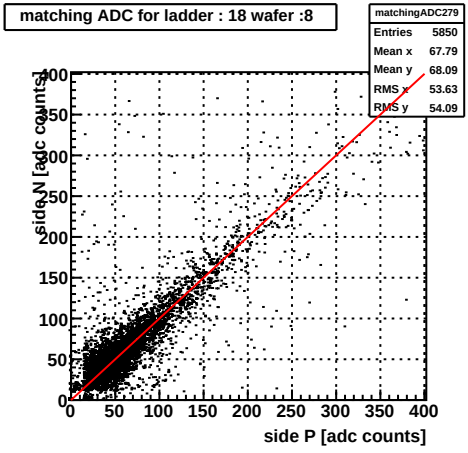

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2681
Mean x 59.75
Mean y 65.91
RMS x 48.63
RMS y 53.32
side N [adc counts]
side P [adc counts]

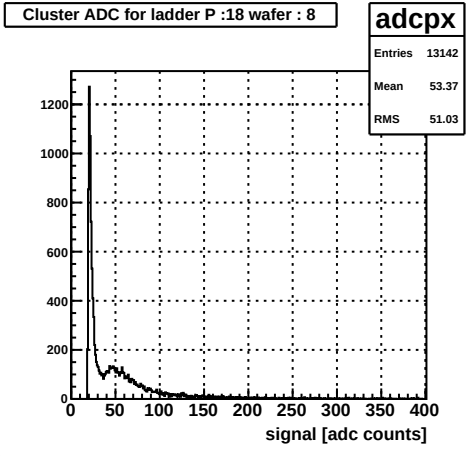

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 8333
Mean 44.03
RMS 43.72
signal [adc counts]

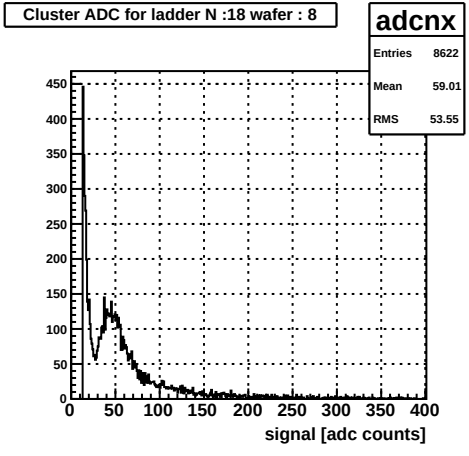

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 6828
Mean 59.14
RMS 52.26
signal [adc counts]

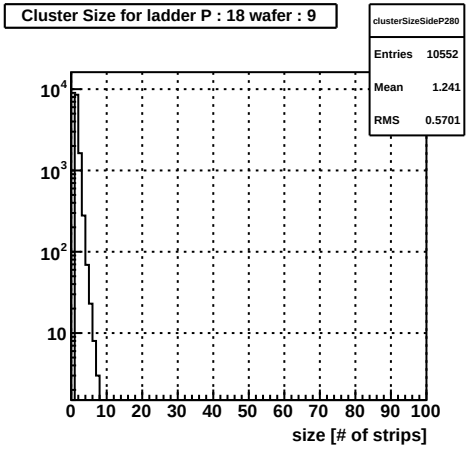

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13142
Mean 1.2
RMS 0.5139
size [# of strips]

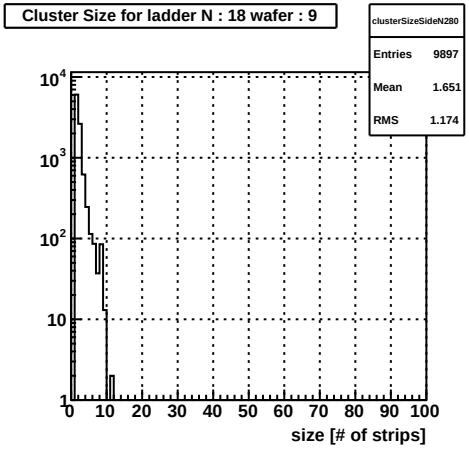

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 8622
Mean 1.469
RMS 0.7934
size [# of strips]

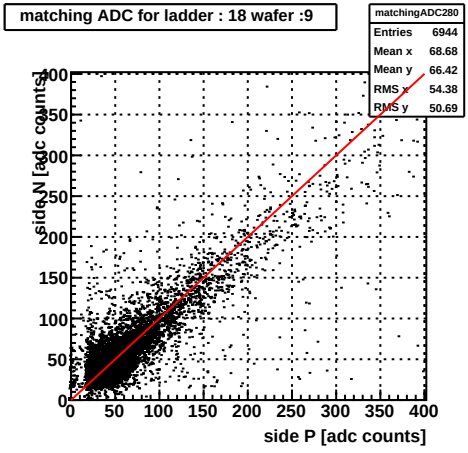

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 5850
Mean x 67.79
Mean y 68.09
RMS x 53.63
RMS y 54.09
side N [adc counts]
side P [adc counts]

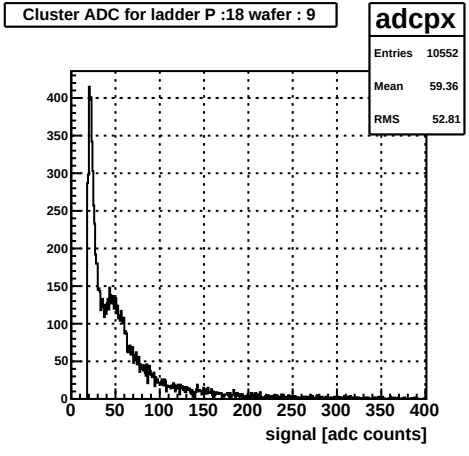

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13142
Mean 53.37
RMS 51.03
signal [adc counts]

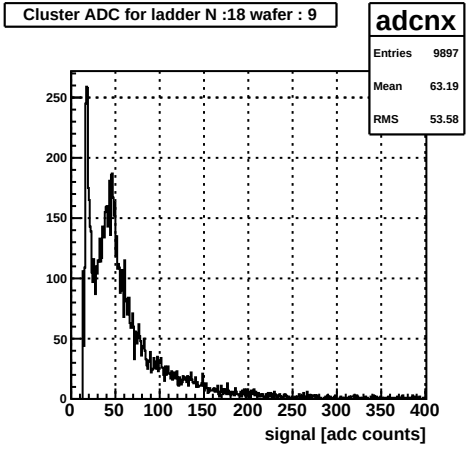

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 8622
Mean 59.01
RMS 53.55
signal [adc counts]

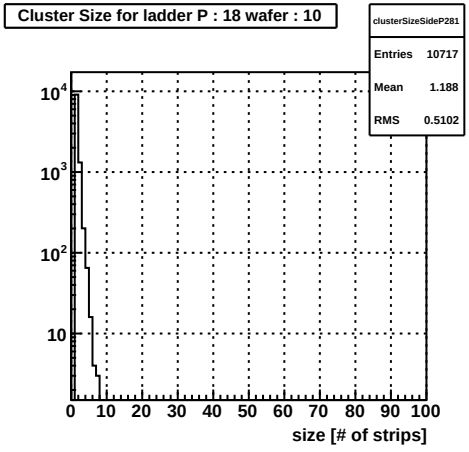

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10552
Mean 1.241
RMS 0.5701
size [# of strips]

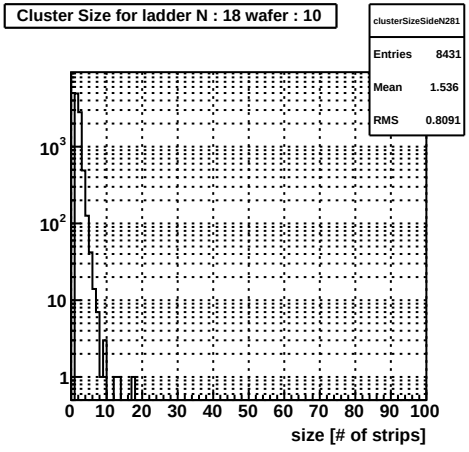

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 9897
Mean 1.651
RMS 1.174
size [# of strips]

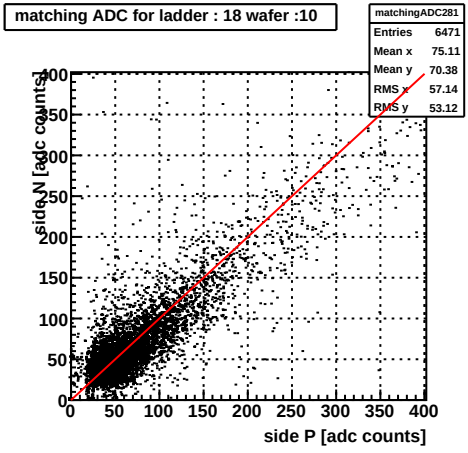

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 6944
Mean x 68.68
Mean y 66.42
RMS x 54.38
RMS y 50.69
side N [adc counts]
side P [adc counts]

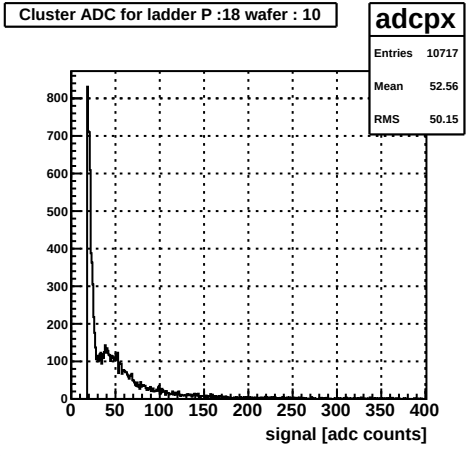

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10552
Mean 59.36
RMS 52.81
signal [adc counts]

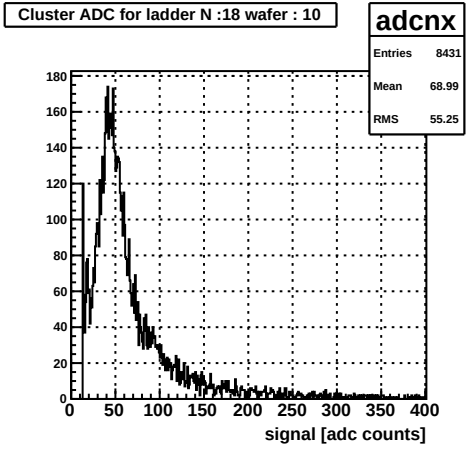

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 9897
Mean 63.19
RMS 53.58
signal [adc counts]

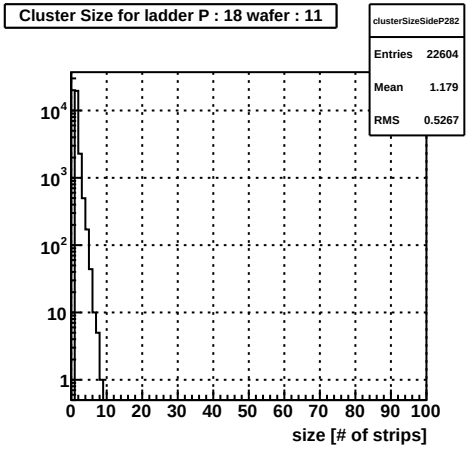

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 10717
Mean 1.188
RMS 0.5102
size [# of strips]

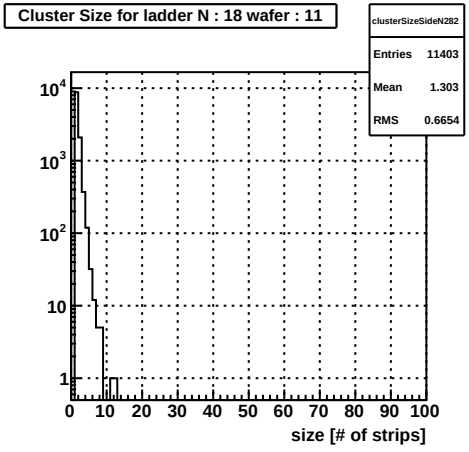

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 8431
Mean 1.536
RMS 0.8091
size [# of strips]

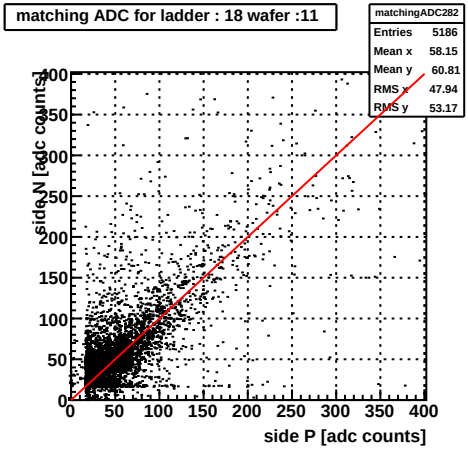

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 6471
Mean x 75.11
Mean y 70.38
RMS x 57.14
RMS y 53.12
side N [adc counts]
side P [adc counts]

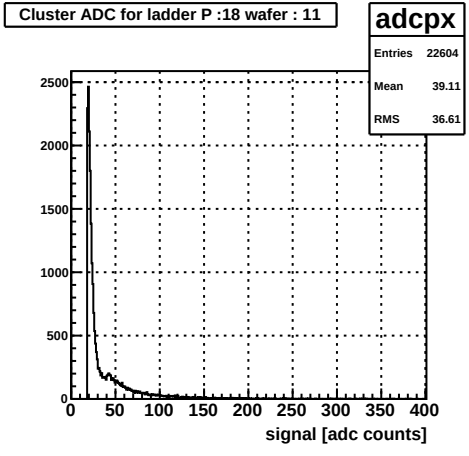

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 10717
Mean 52.56
RMS 50.15
signal [adc counts]

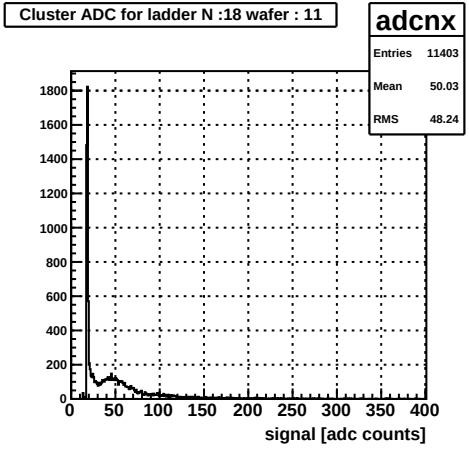

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 8431
Mean 68.99
RMS 55.25
signal [adc counts]

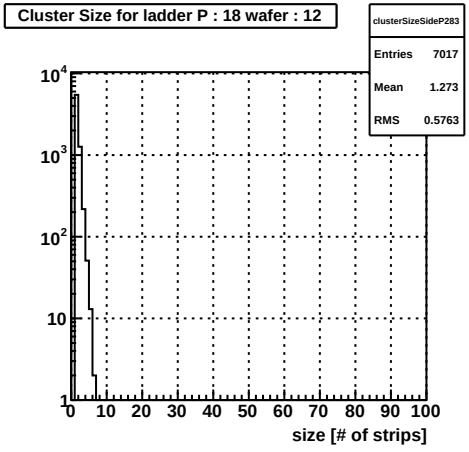

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 22604
Mean 1.179
RMS 0.5267
size [# of strips]

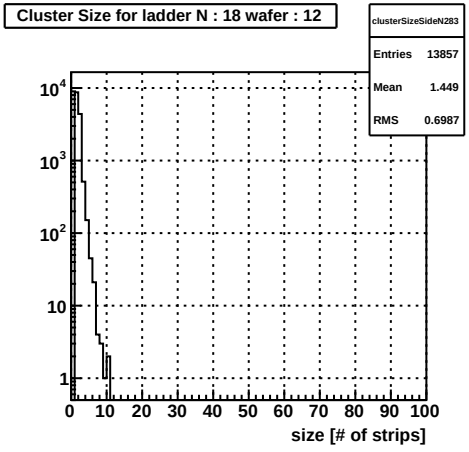

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 11403
Mean 1.303
RMS 0.6654
size [# of strips]

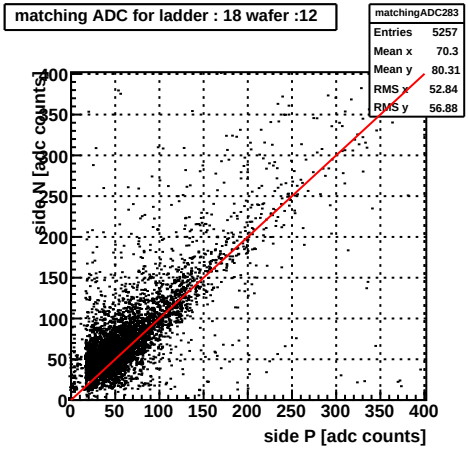

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5186
Mean x 58.15
Mean y 60.81
RMS x 47.94
RMS y 53.17
side N [adc counts]
side P [adc counts]

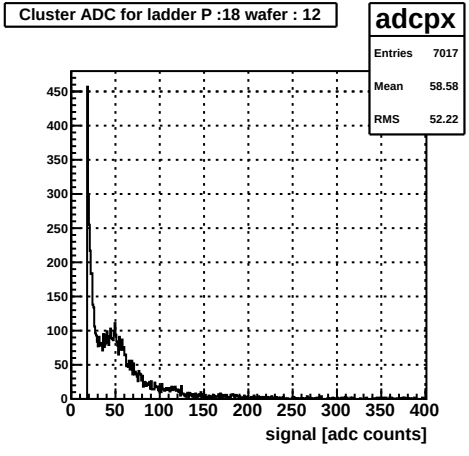

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 22604
Mean 39.11
RMS 36.61
signal [adc counts]

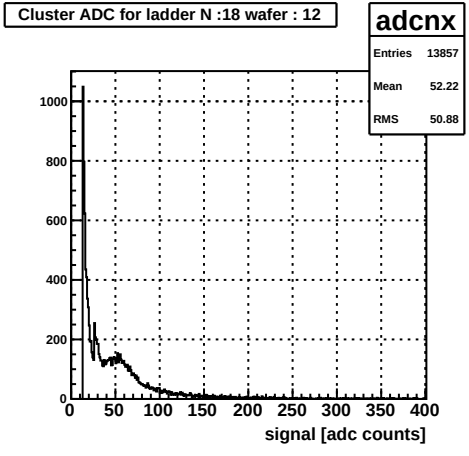

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 11403
Mean 50.03
RMS 48.24
signal [adc counts]

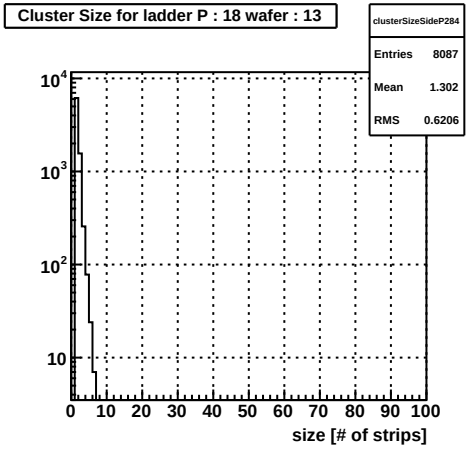

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 7017
Mean 1.273
RMS 0.5763
size [# of strips]

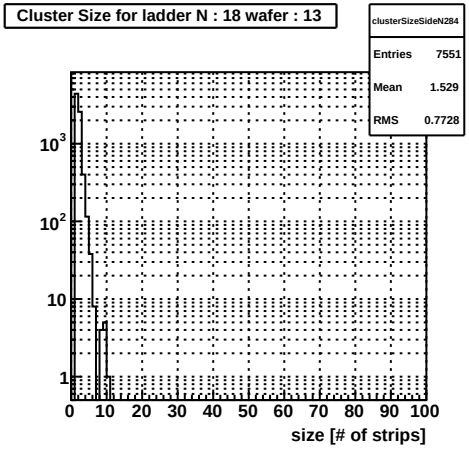

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 13857
Mean 1.449
RMS 0.6987
size [# of strips]

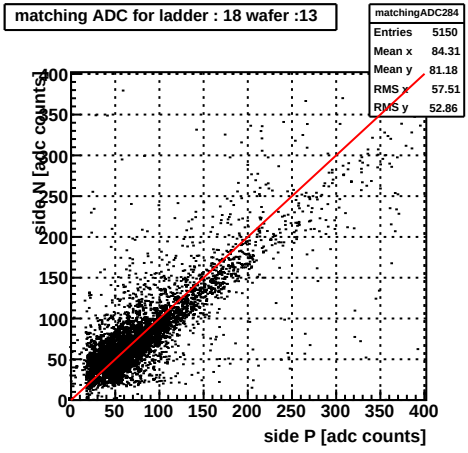

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 5257
Mean x 70.3
Mean y 80.31
RMS x 52.84
RMS y 56.88
side N [adc counts]
side P [adc counts]

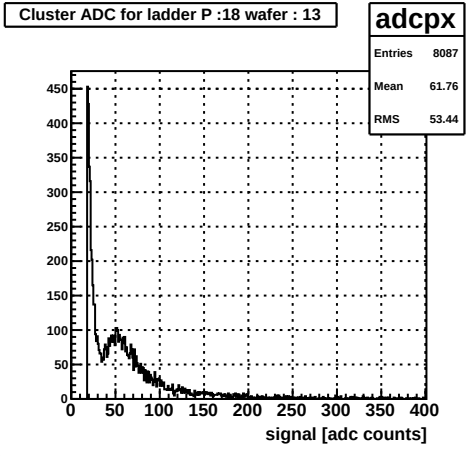

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 7017
Mean 58.58
RMS 52.22
signal [adc counts]

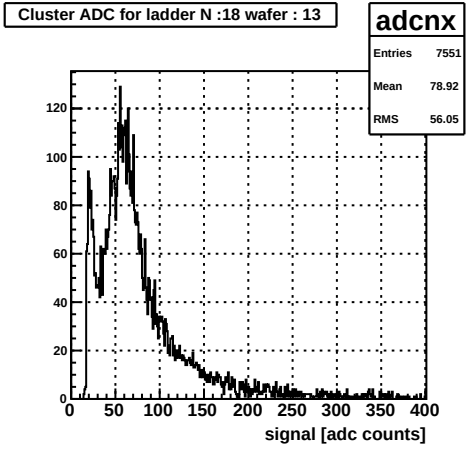

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 13857
Mean 52.22
RMS 50.88
signal [adc counts]

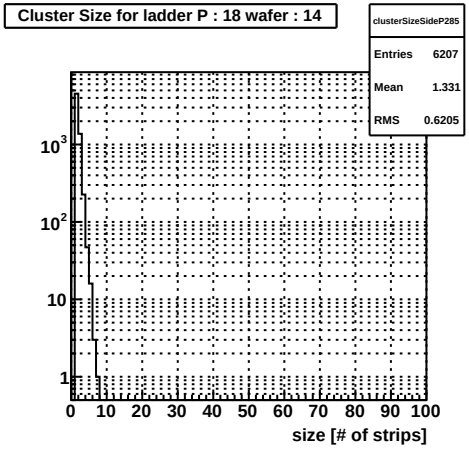

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 8087
Mean 1.302
RMS 0.6206
size [# of strips]

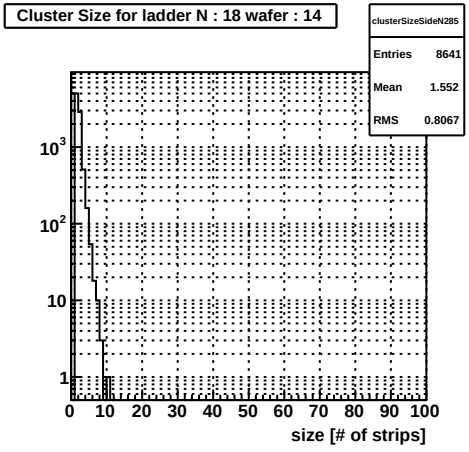

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 7551
Mean 1.529
RMS 0.7728
size [# of strips]

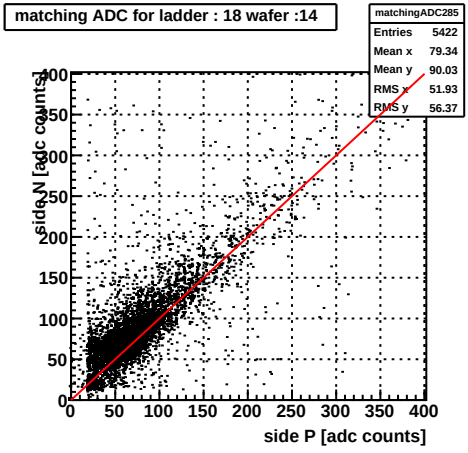

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 5150
Mean x 84.31
Mean y 81.18
RMS x 57.51
RMS y 52.86
side N [adc counts]
side P [adc counts]

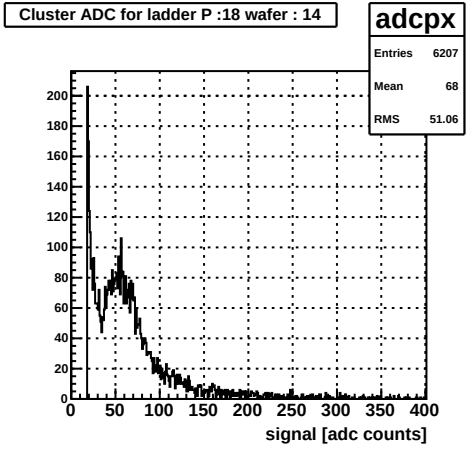

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 8087
Mean 61.76
RMS 53.44
signal [adc counts]

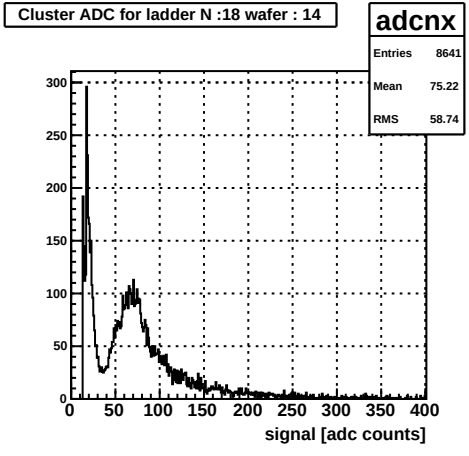

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 7551
Mean 78.92
RMS 56.05
signal [adc counts]

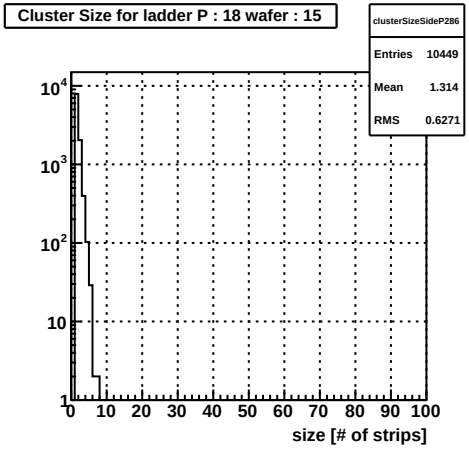

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 6207
Mean 1.331
RMS 0.6205
size [# of strips]

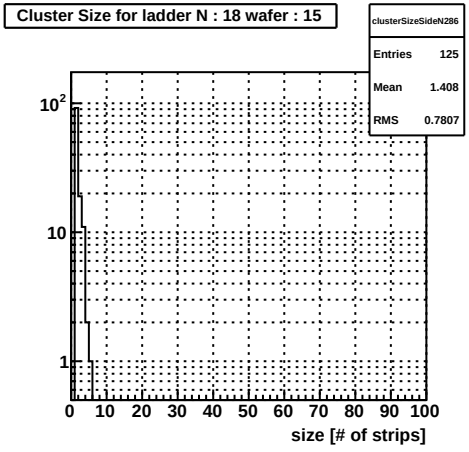

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 8641
Mean 1.552
RMS 0.8067
size [# of strips]

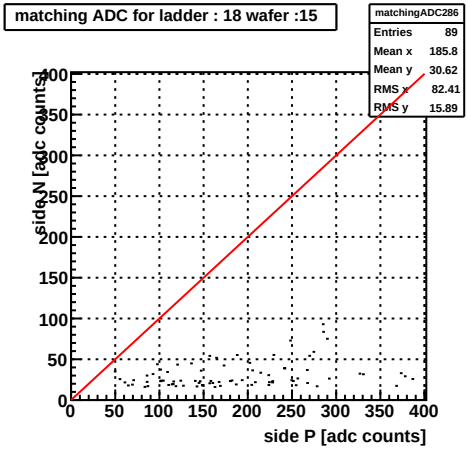

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 5422
Mean x 79.34
Mean y 90.03
RMS x 51.93
RMS y 56.37
side N [adc counts]
side P [adc counts]

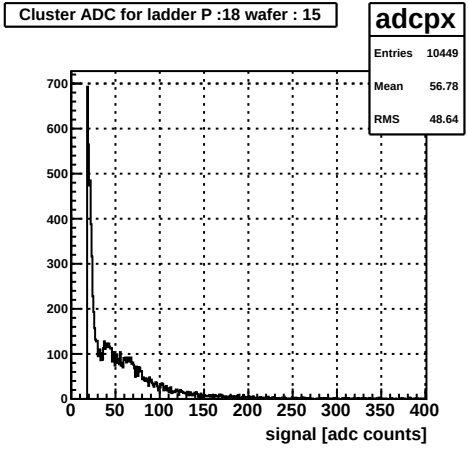

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 6207
Mean 68
RMS 51.06
signal [adc counts]

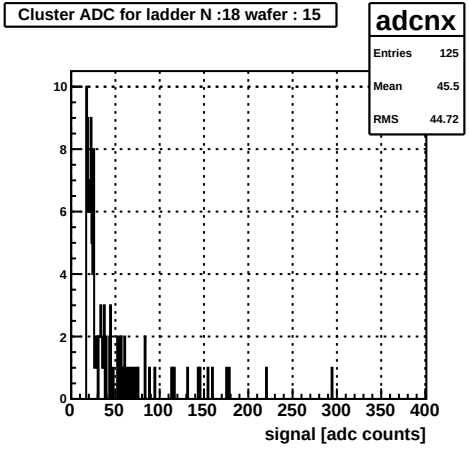

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 8641
Mean 75.22
RMS 58.74
signal [adc counts]

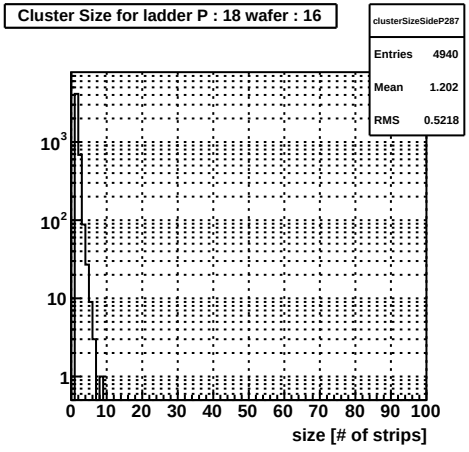

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 10449
Mean 1.314
RMS 0.6271
size [# of strips]

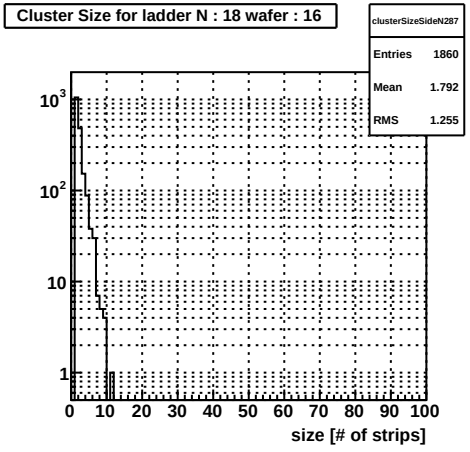

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 125
Mean 1.408
RMS 0.7807
size [# of strips]

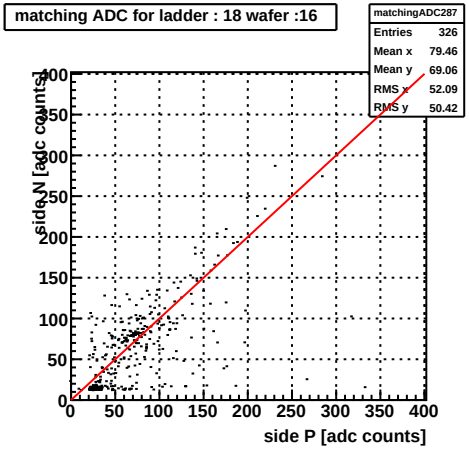

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 89
Mean x 185.8
Mean y 30.62
RMS x 82.41
RMS y 15.89
side N [adc counts]
side P [adc counts]

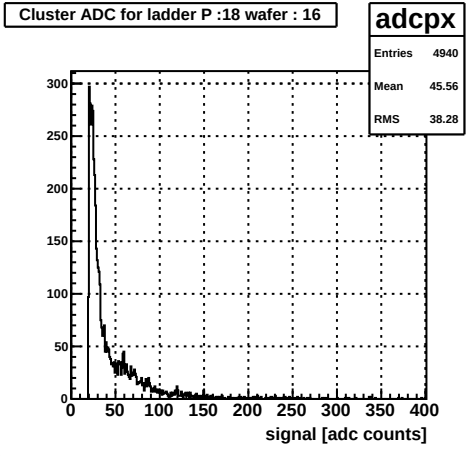

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 10449
Mean 56.78
RMS 48.64
signal [adc counts]

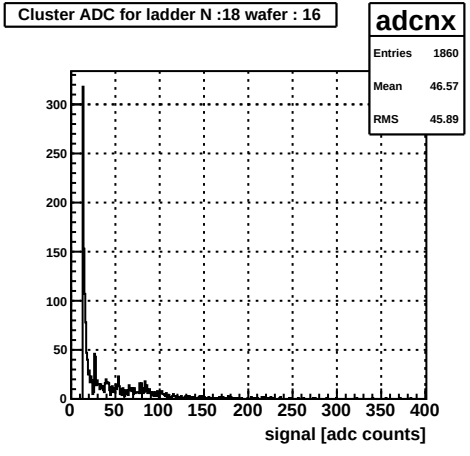

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 125
Mean 45.5
RMS 44.72
signal [adc counts]

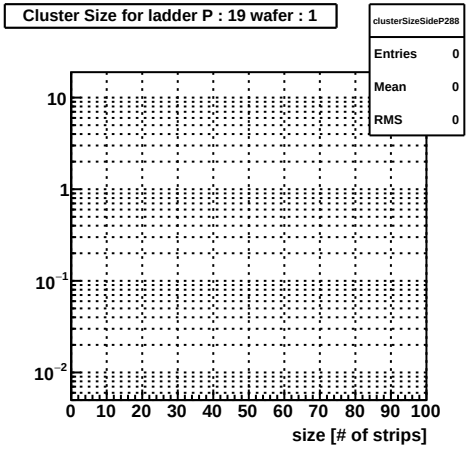

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4940
Mean 1.202
RMS 0.5218
size [# of strips]

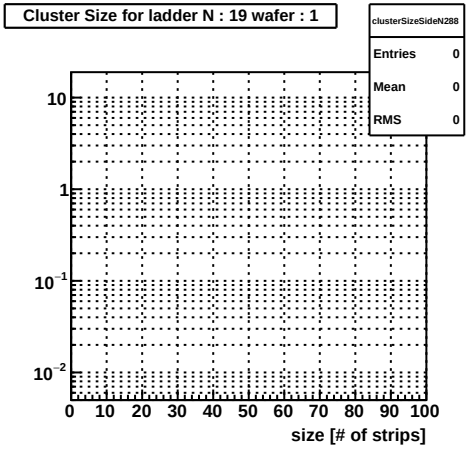

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1860
Mean 1.792
RMS 1.255
size [# of strips]

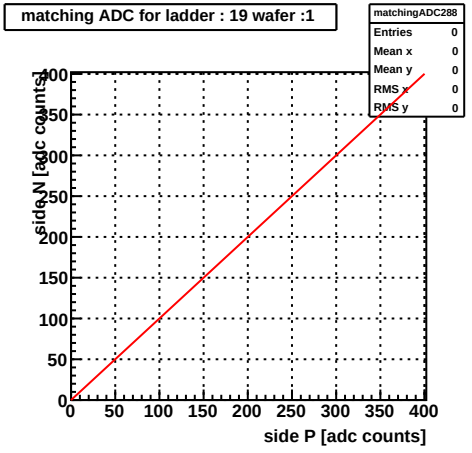

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 326
Mean x 79.46
Mean y 69.06
RMS x 52.09
RMS y 50.42
side N [adc counts]
side P [adc counts]

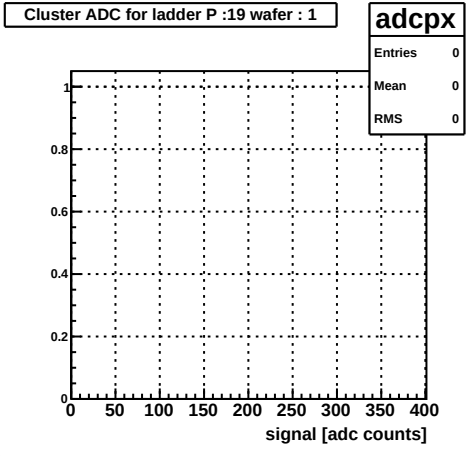

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4940
Mean 45.56
RMS 38.28
signal [adc counts]

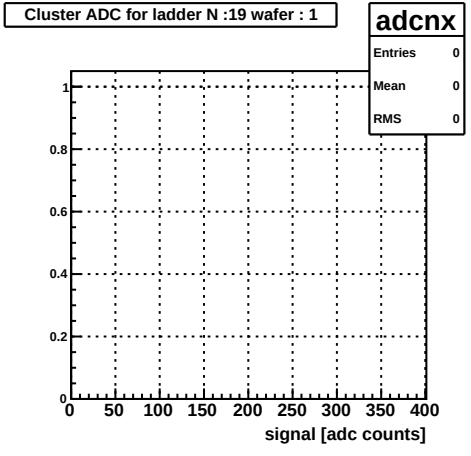

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1860
Mean 46.57
RMS 45.89
signal [adc counts]

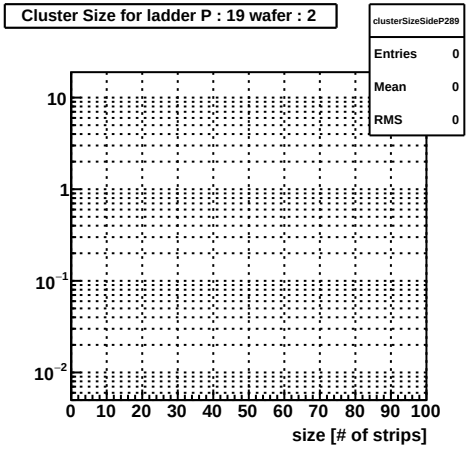

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

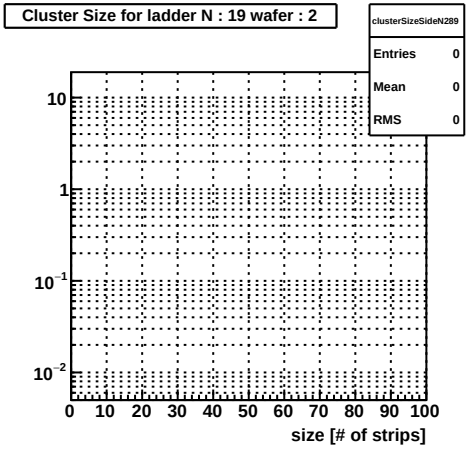

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

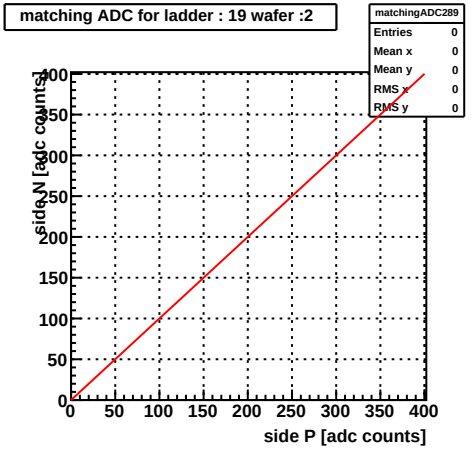

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

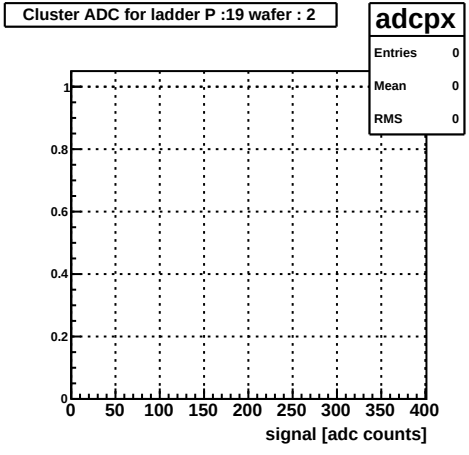

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

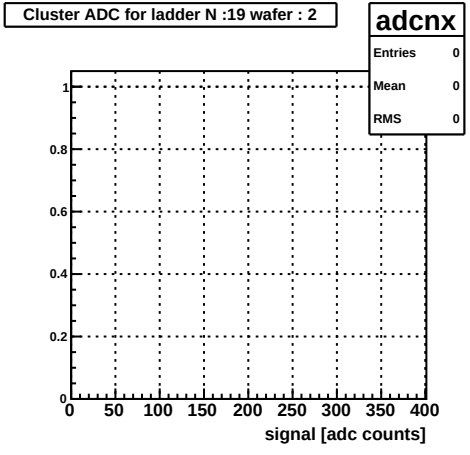

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

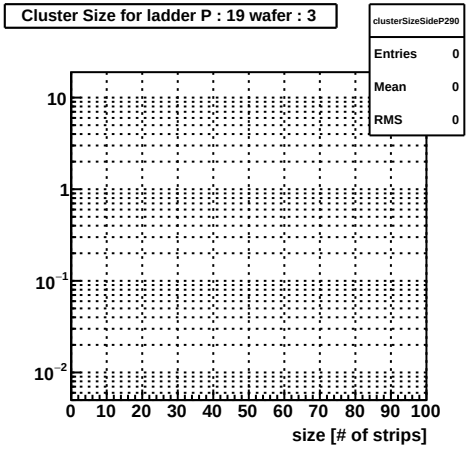

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

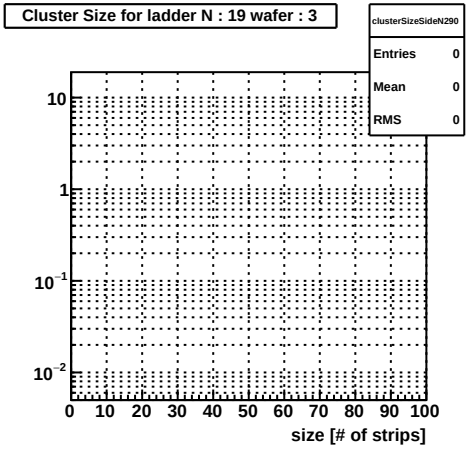

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

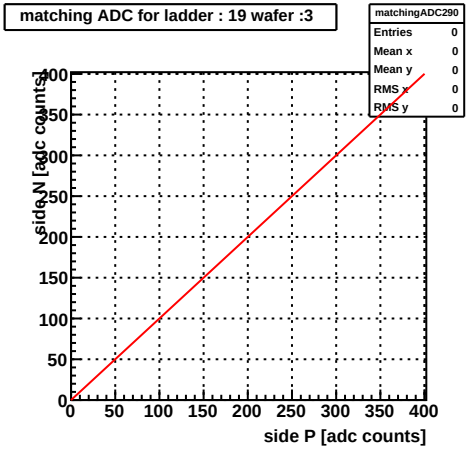

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

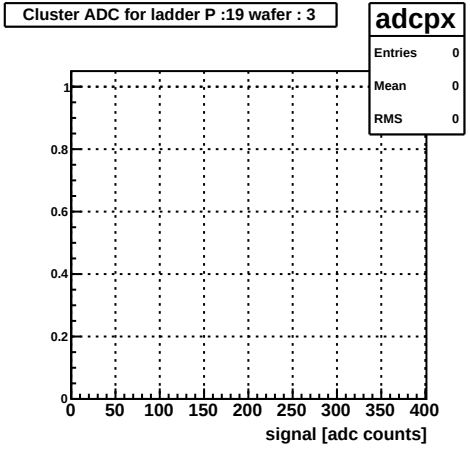

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

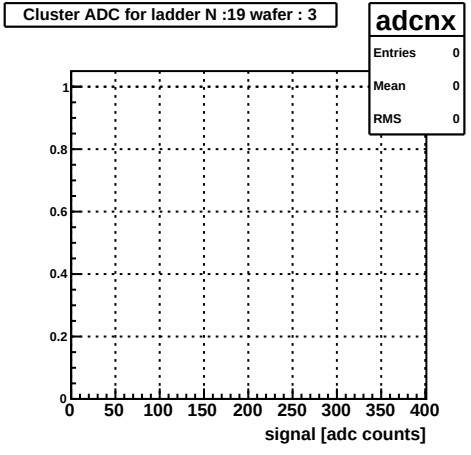

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

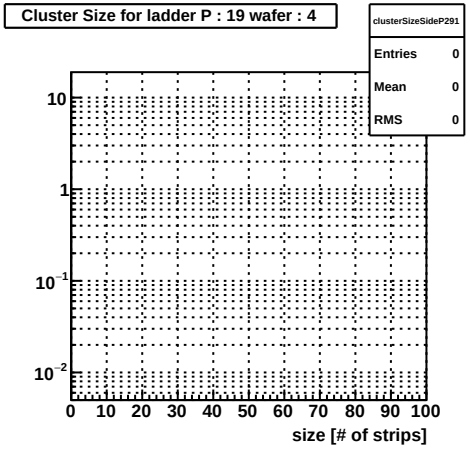

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

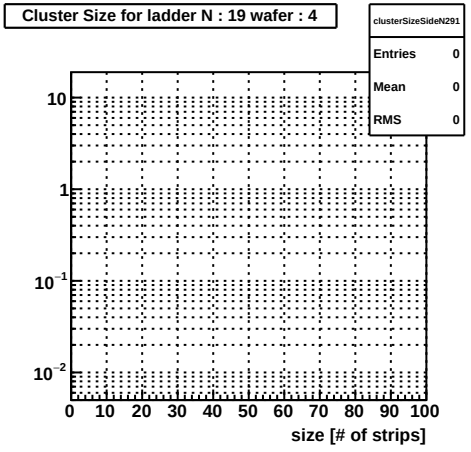

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

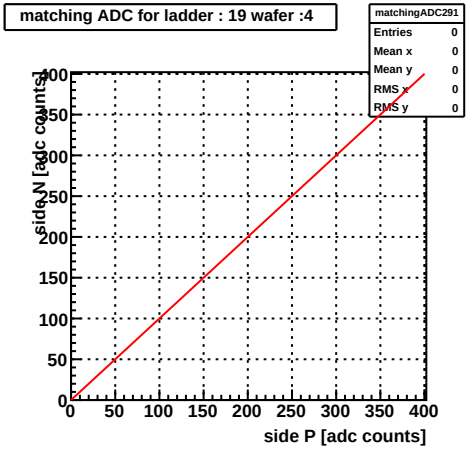

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

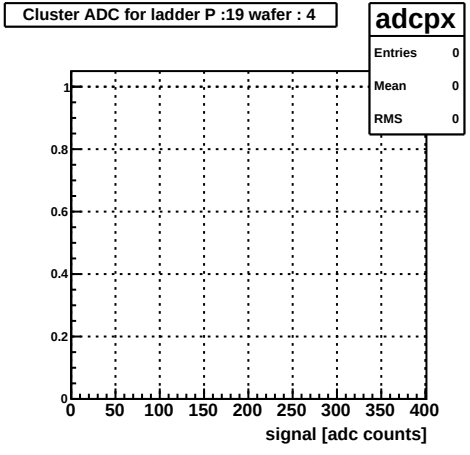

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

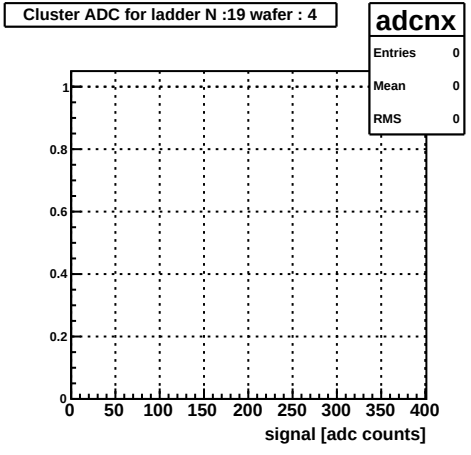

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

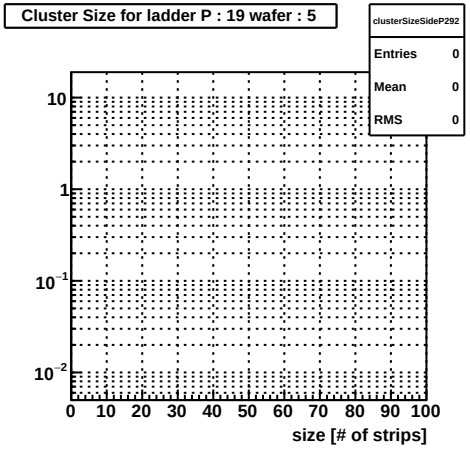

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

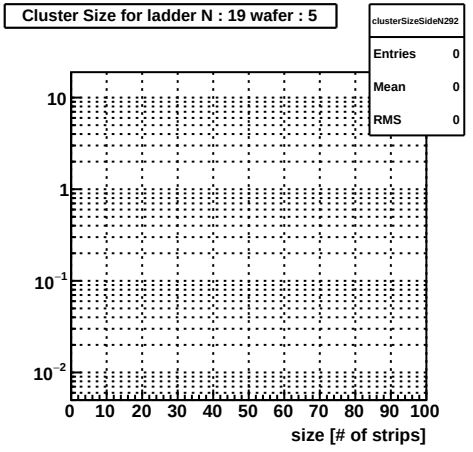

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

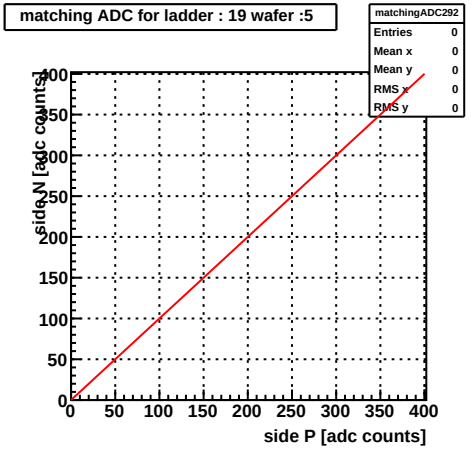

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

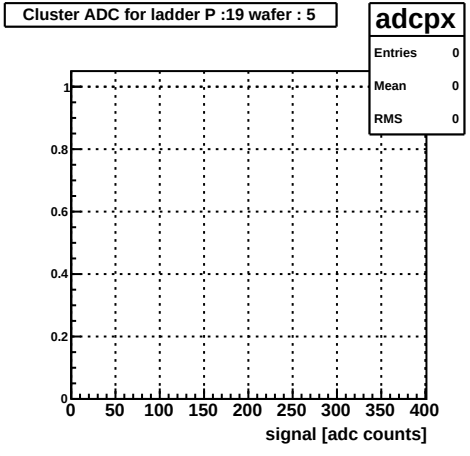

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

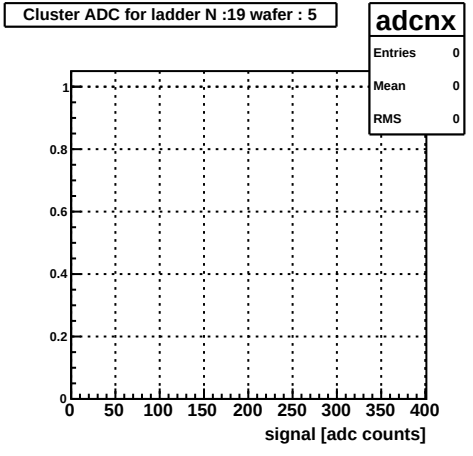

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

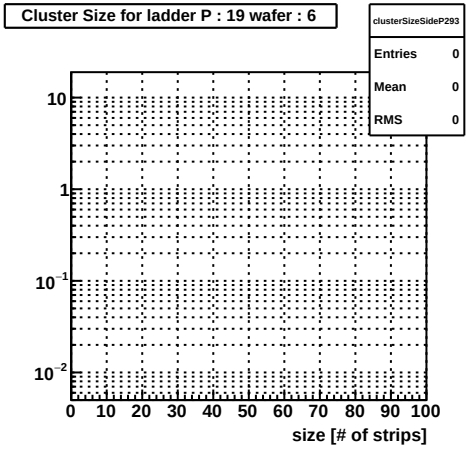

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

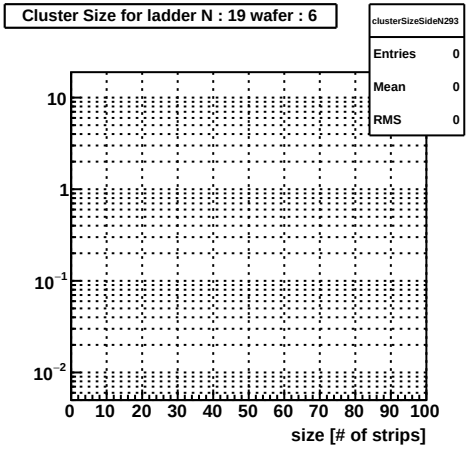

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

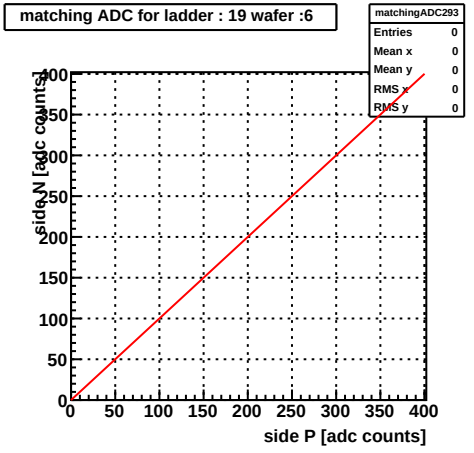

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

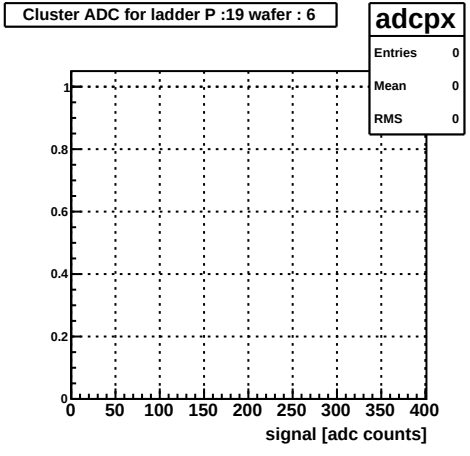

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

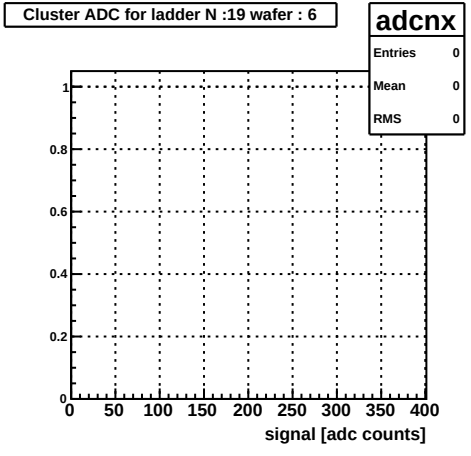

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

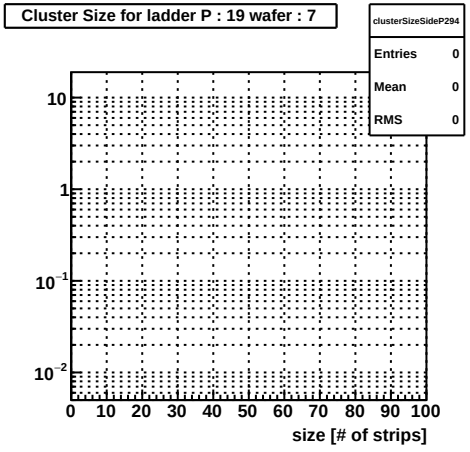

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

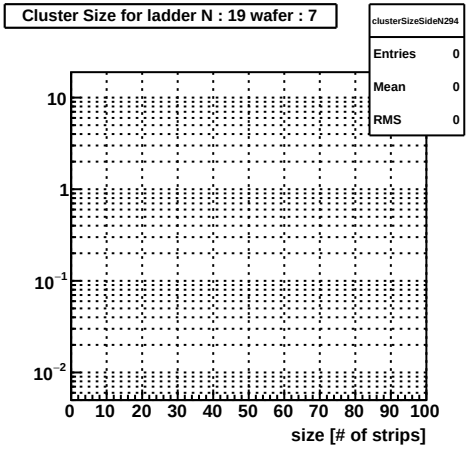

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

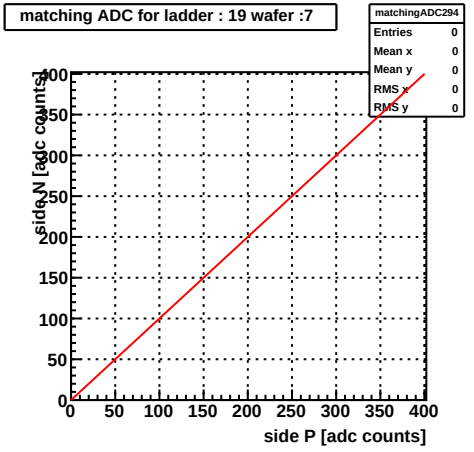

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

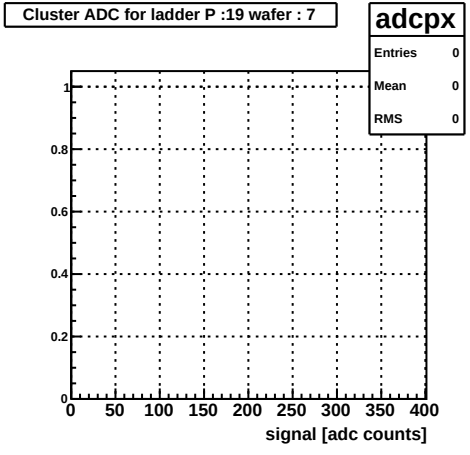

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

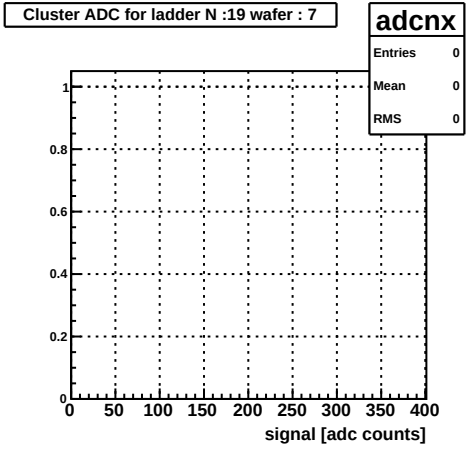

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

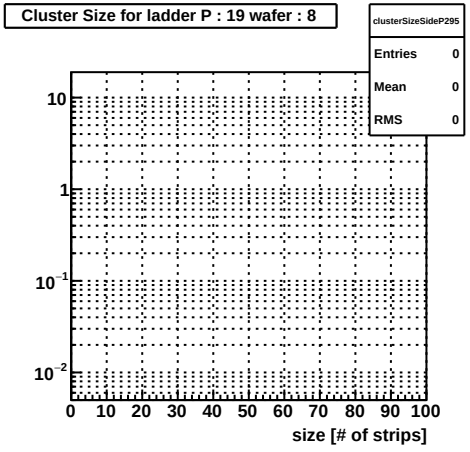

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

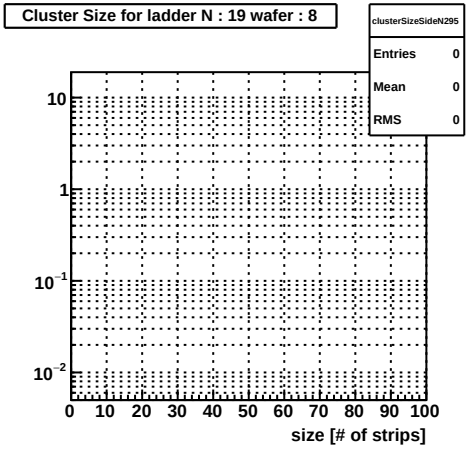

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

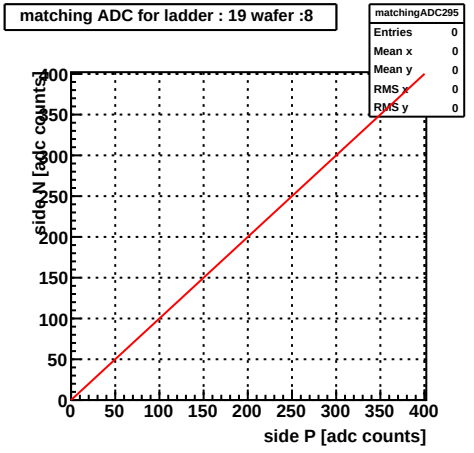

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

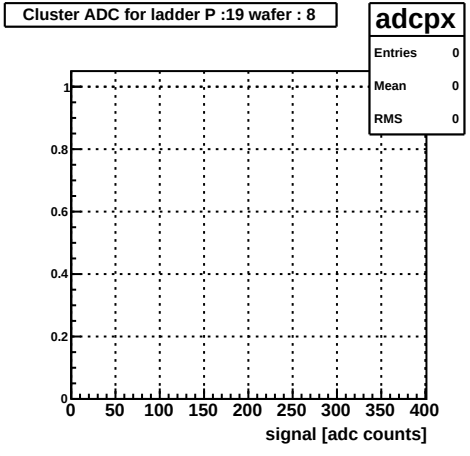

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

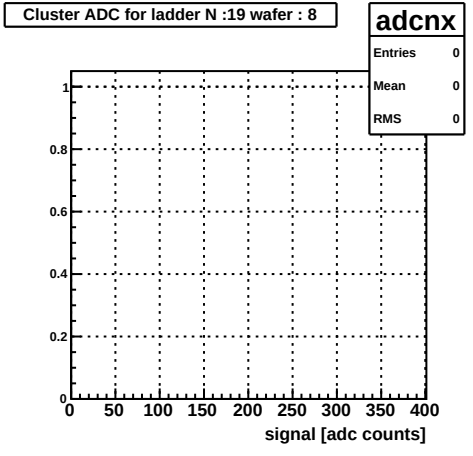

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

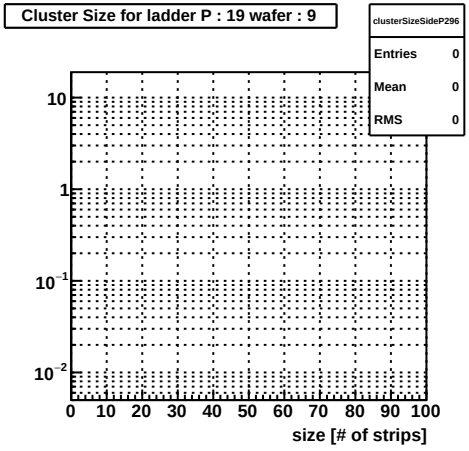

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

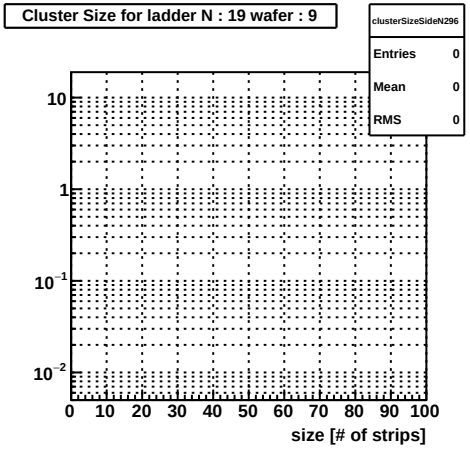

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

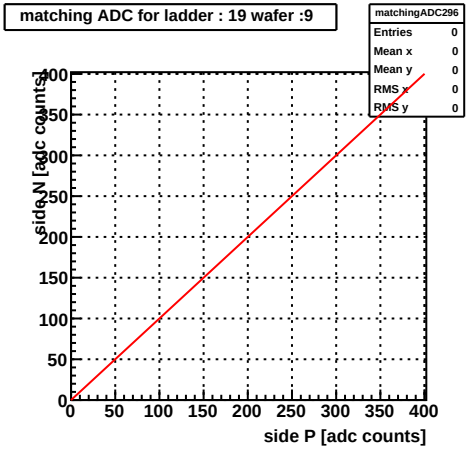

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

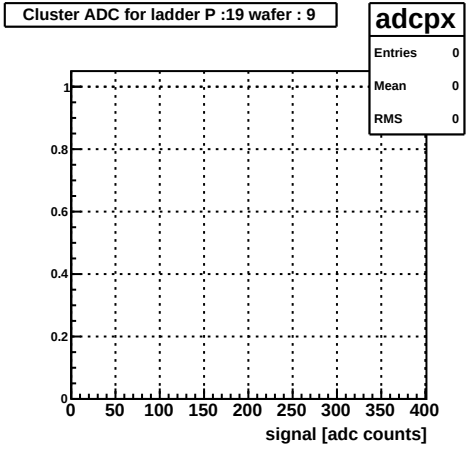

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

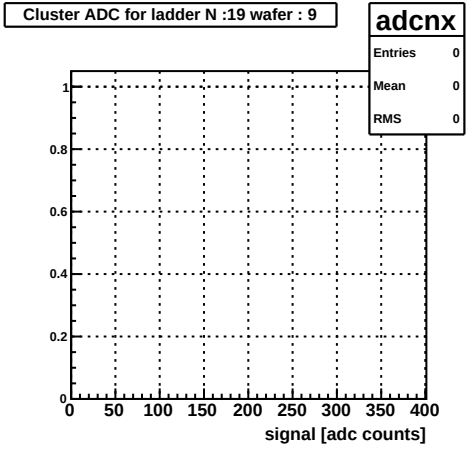

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

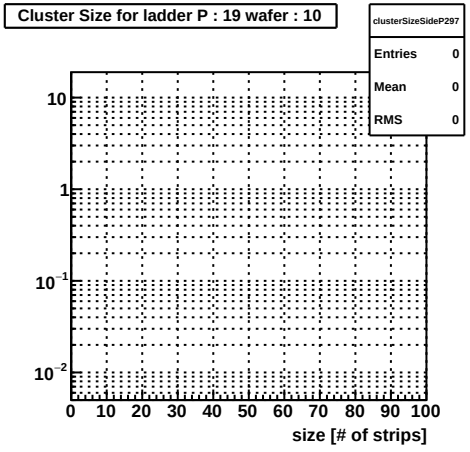

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

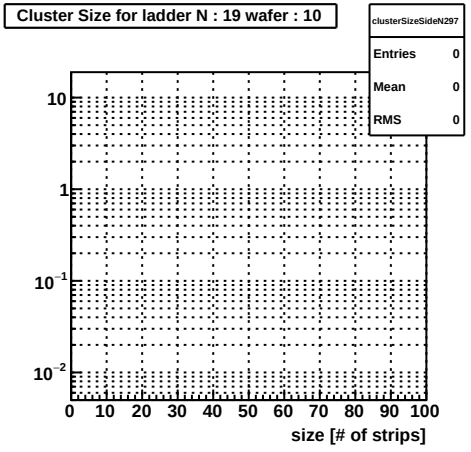

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

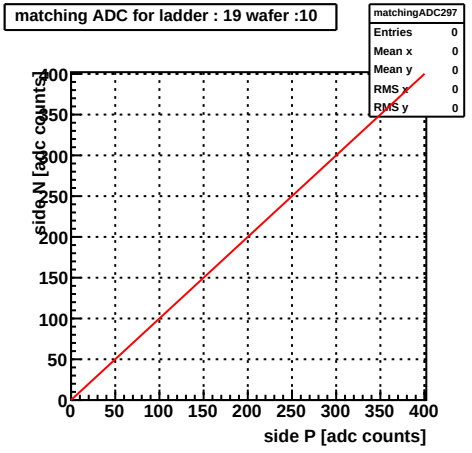

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

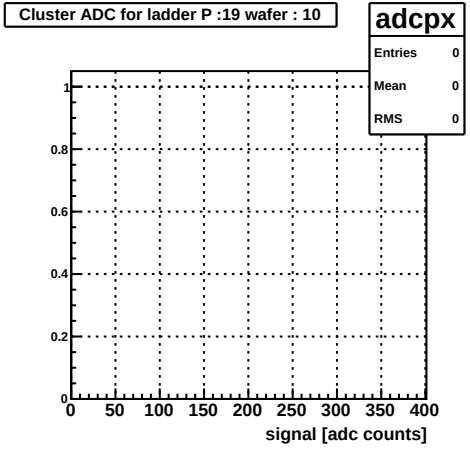

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

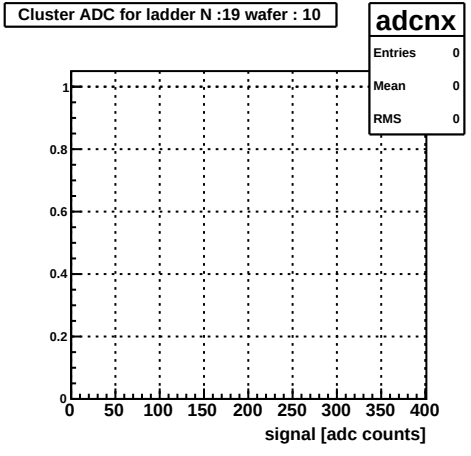

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

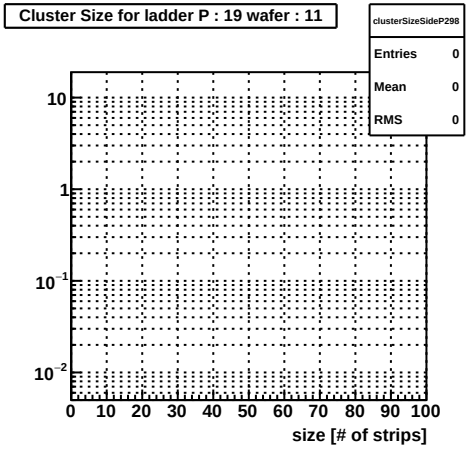

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

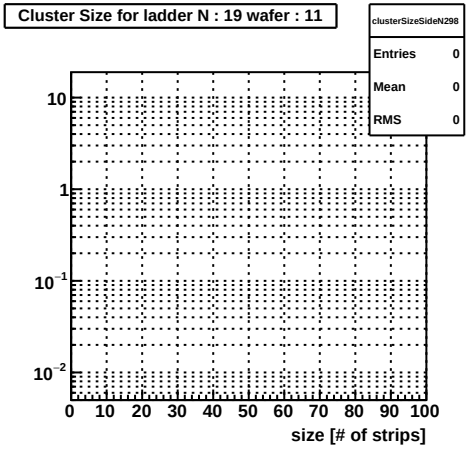

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

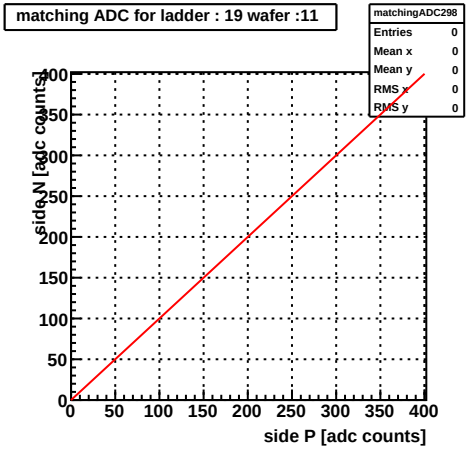

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

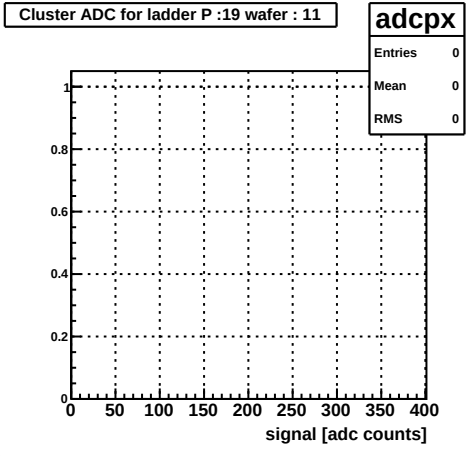

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

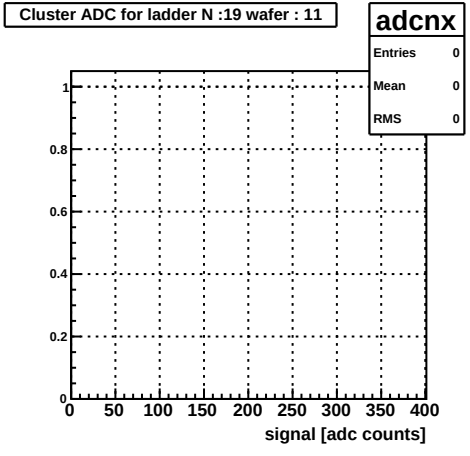

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

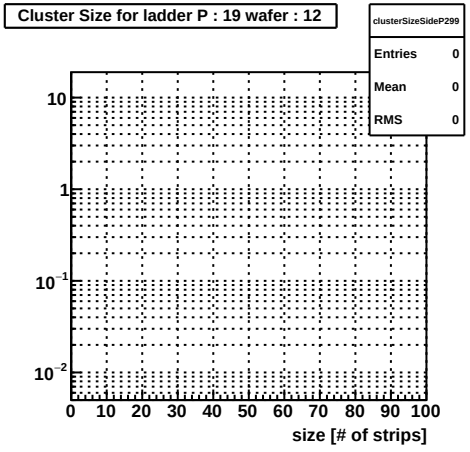

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

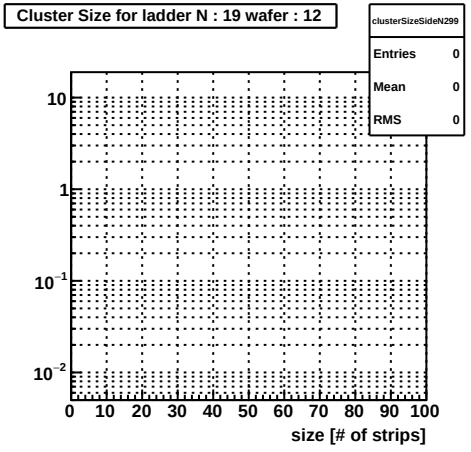

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

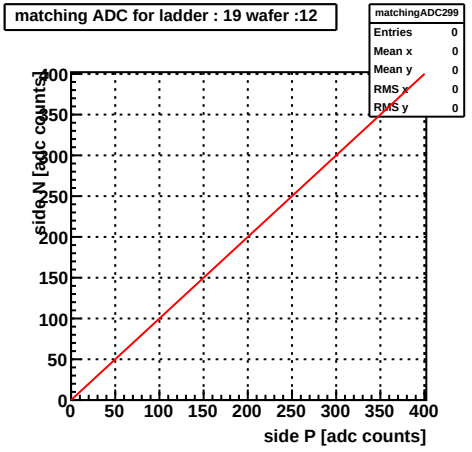

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

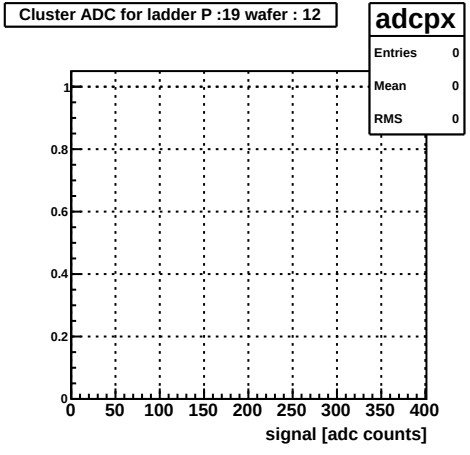

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

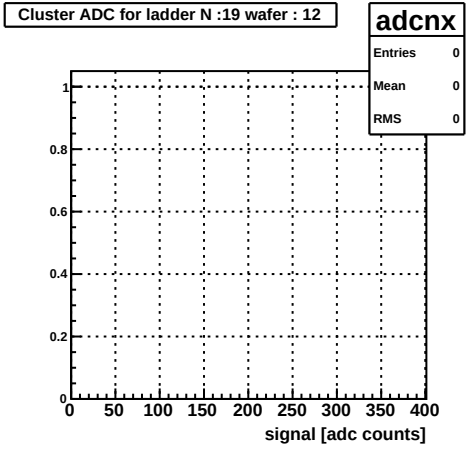

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

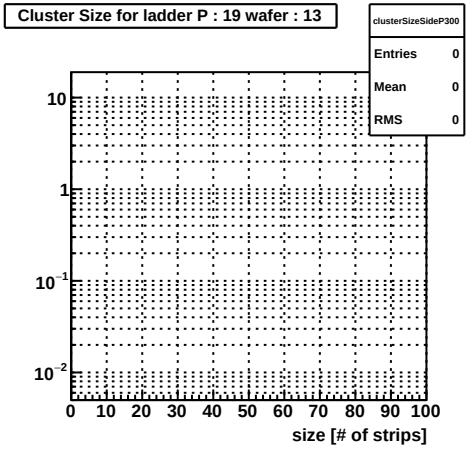

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

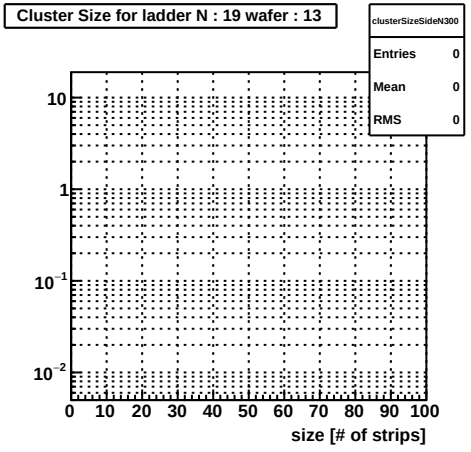

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

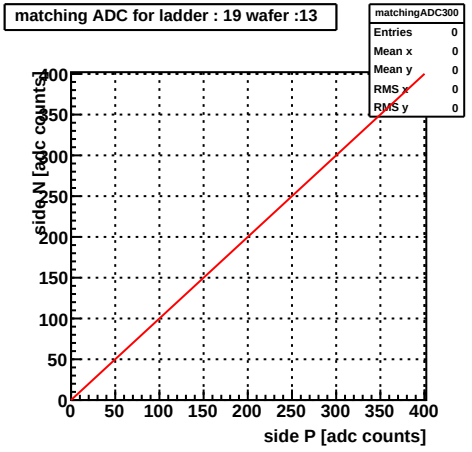

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

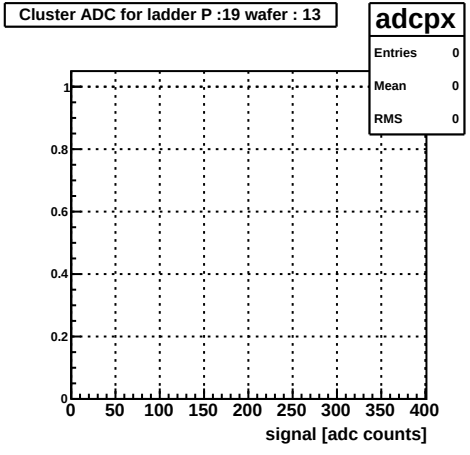

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

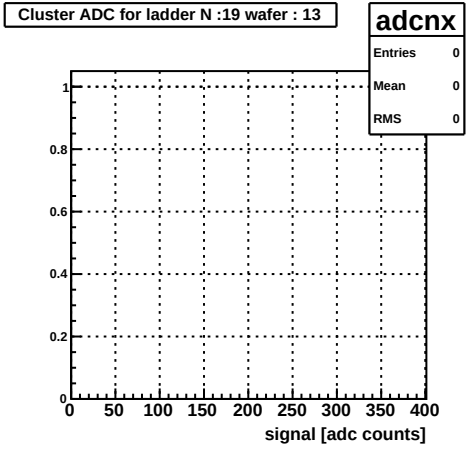

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

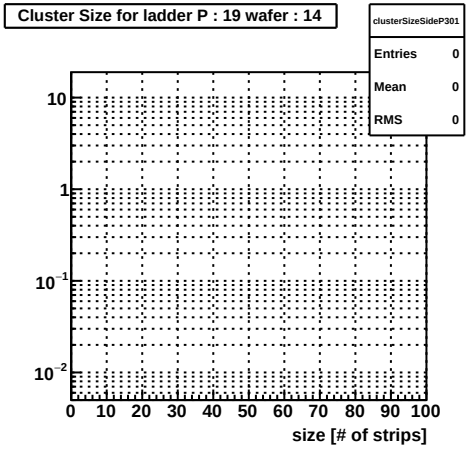

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

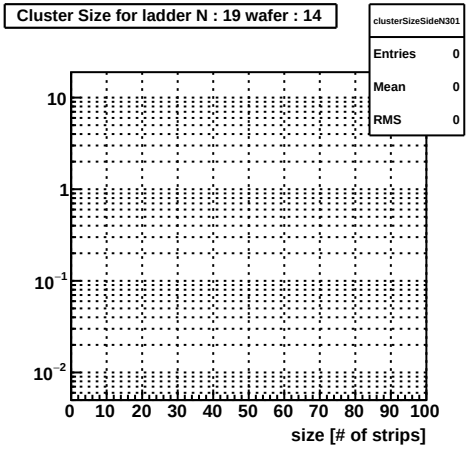

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

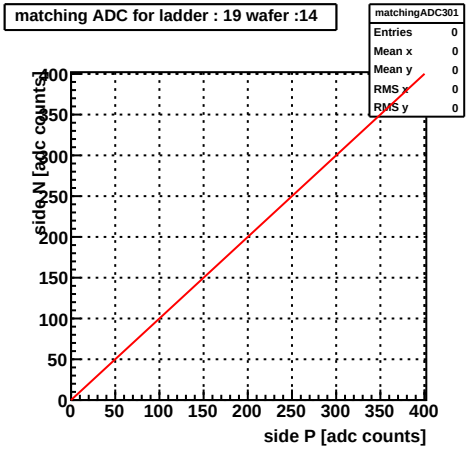

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

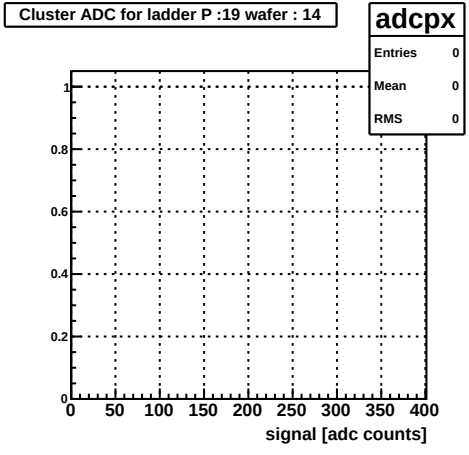

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

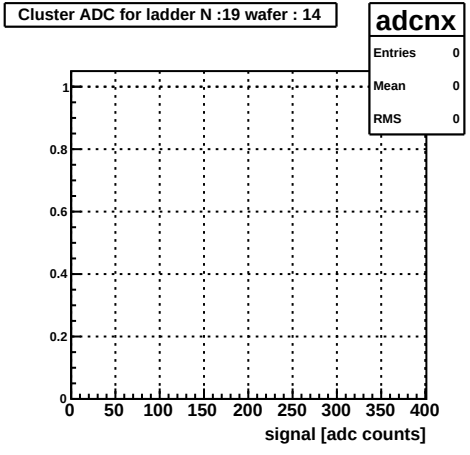

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

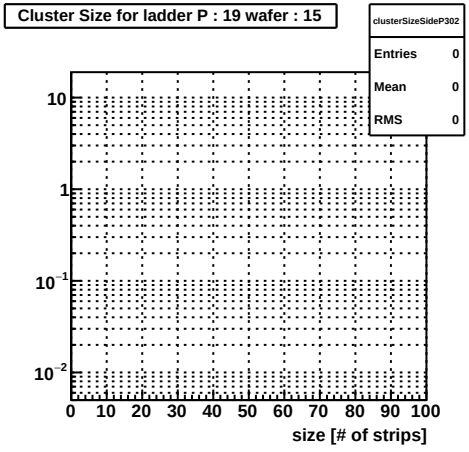

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

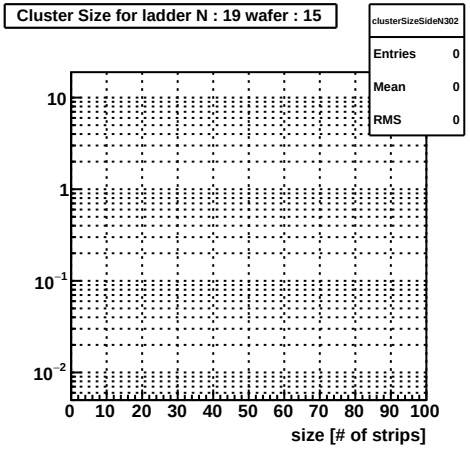

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

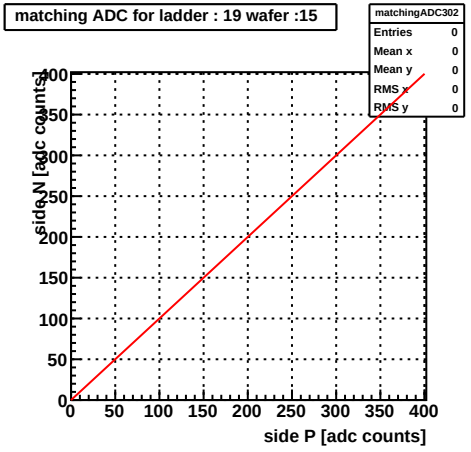

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

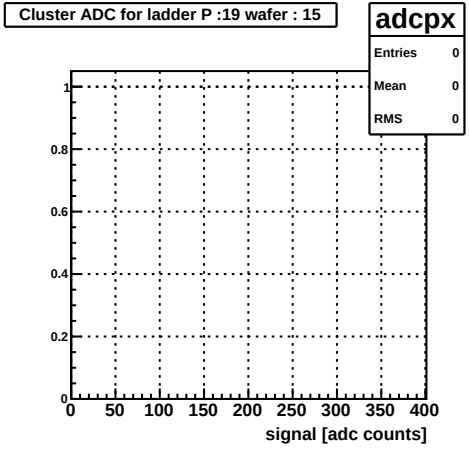

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

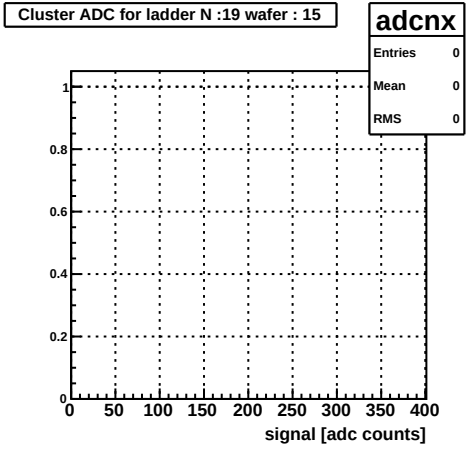

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

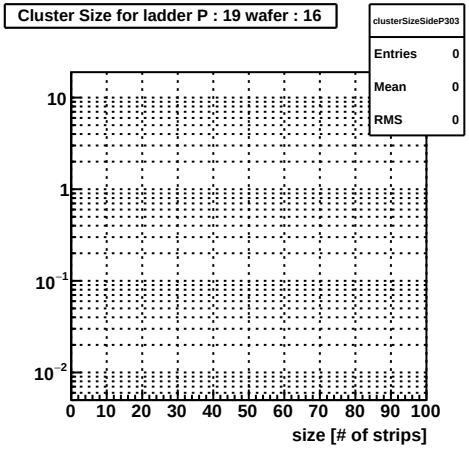

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

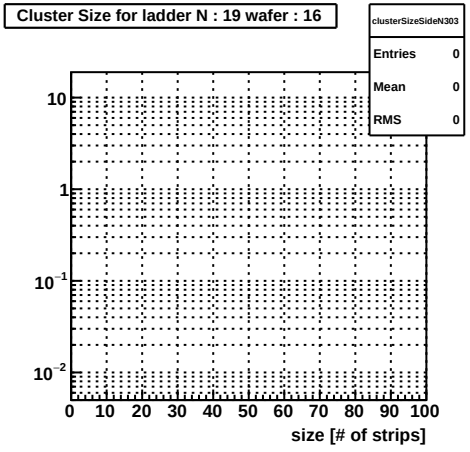

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

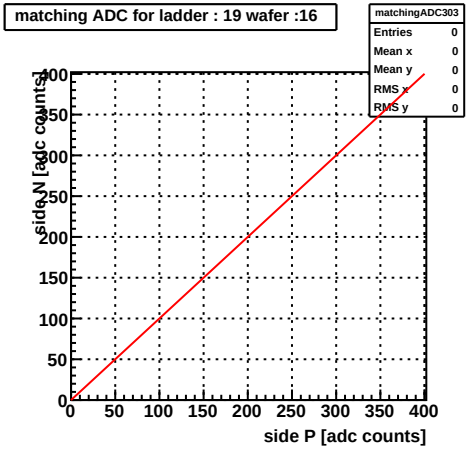

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

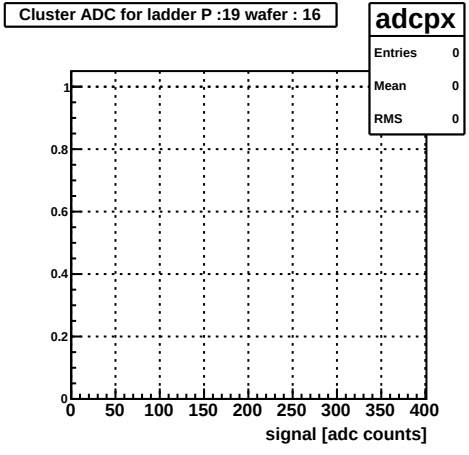

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

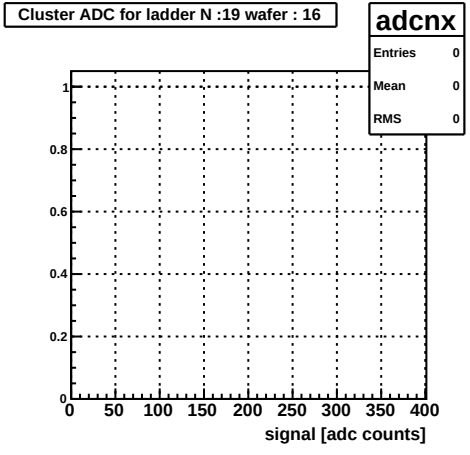

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

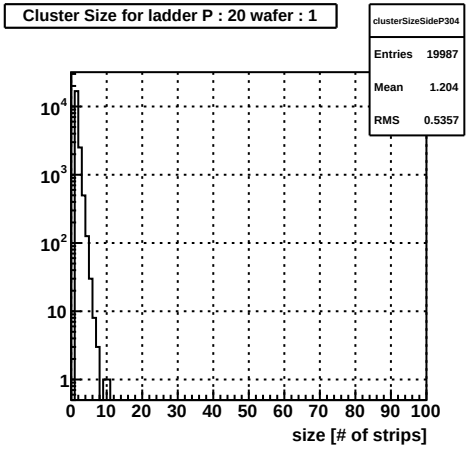

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

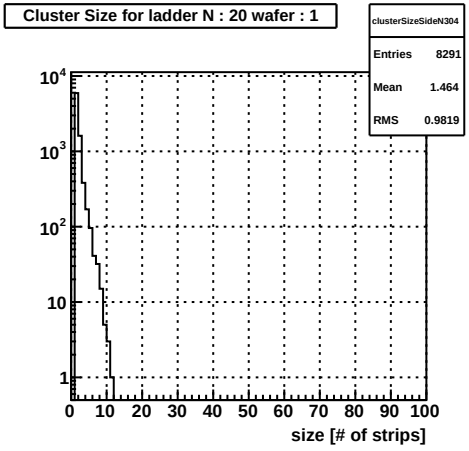

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

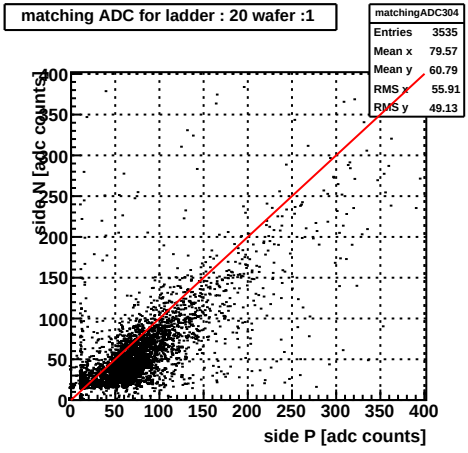

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

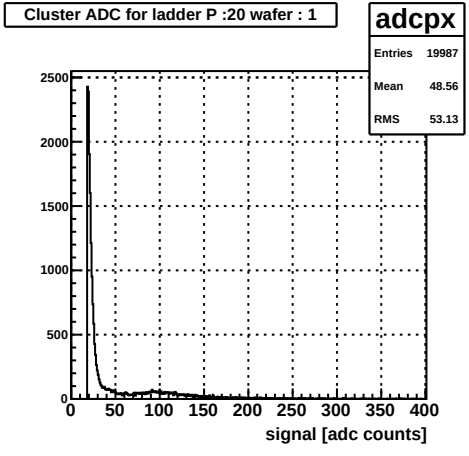

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

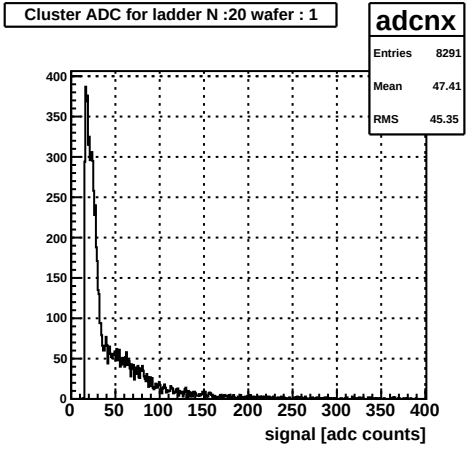

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

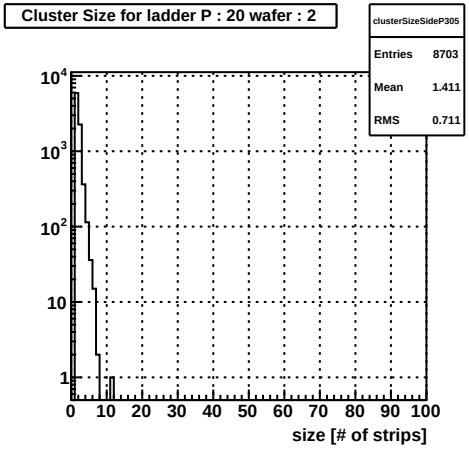

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 19987
Mean 1.204
RMS 0.5357
size [# of strips]

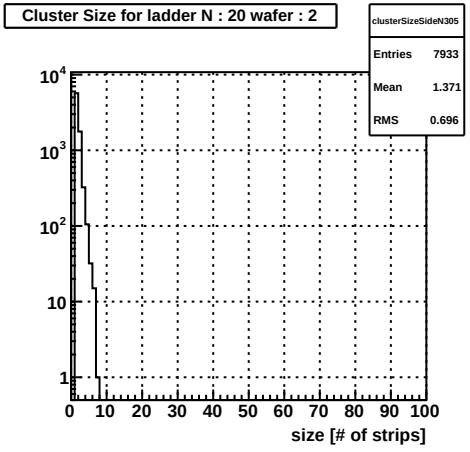

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 8291
Mean 1.464
RMS 0.9819
size [# of strips]

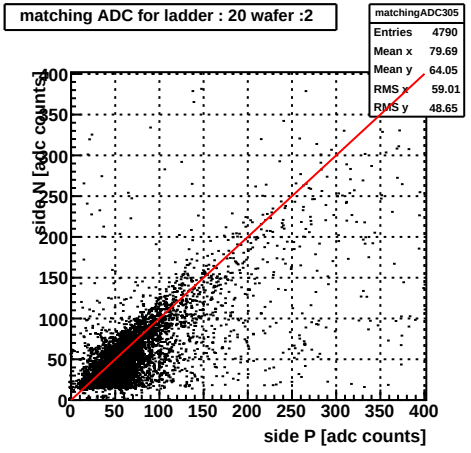

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3535
Mean x 79.57
Mean y 60.79
RMS x 55.91
RMS y 49.13
side N [adc counts]
side P [adc counts]

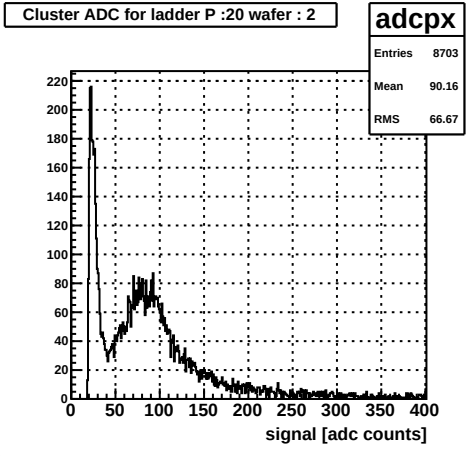

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 19987
Mean 48.56
RMS 53.13
signal [adc counts]

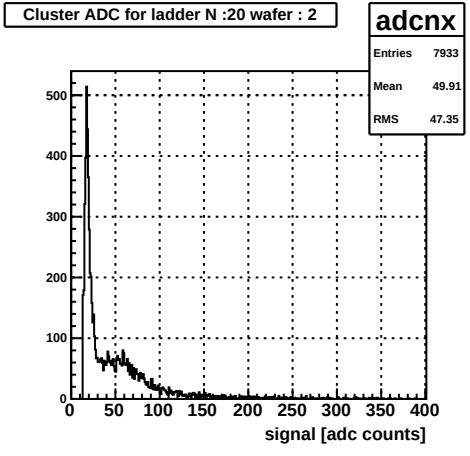

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 8291
Mean 47.41
RMS 45.35
signal [adc counts]

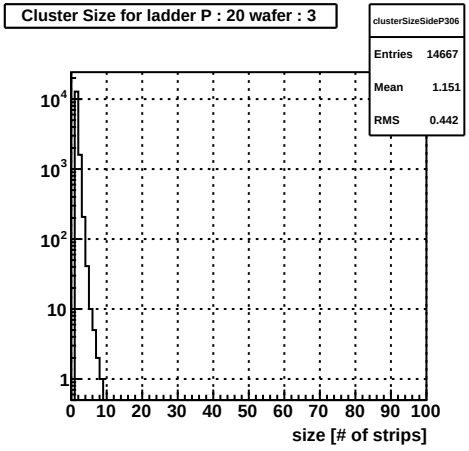

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 8703
Mean 1.411
RMS 0.711
size [# of strips]

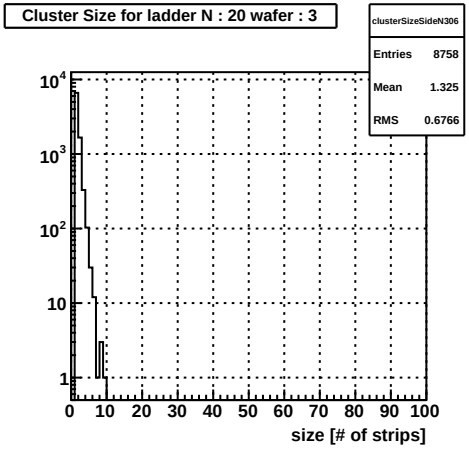

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7933
Mean 1.371
RMS 0.696
size [# of strips]

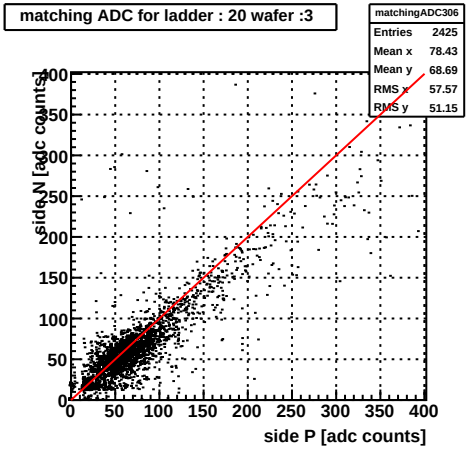

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 4790
Mean x 79.69
Mean y 64.05
RMS x 59.01
RMS y 48.65
side N [adc counts]
side P [adc counts]

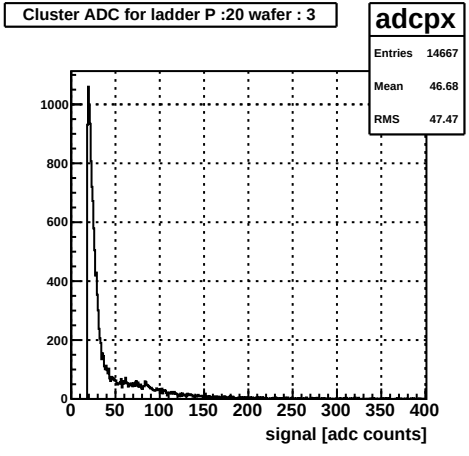

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 8703
Mean 90.16
RMS 66.67
signal [adc counts]

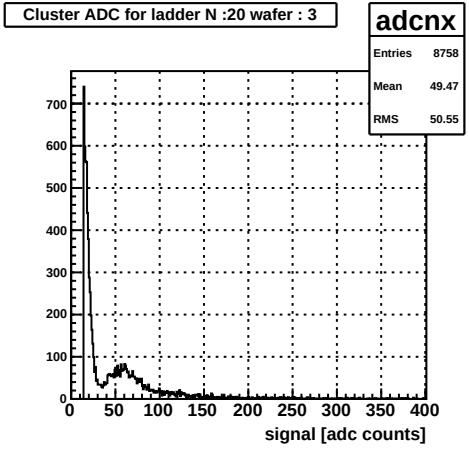

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7933
Mean 49.91
RMS 47.35
signal [adc counts]

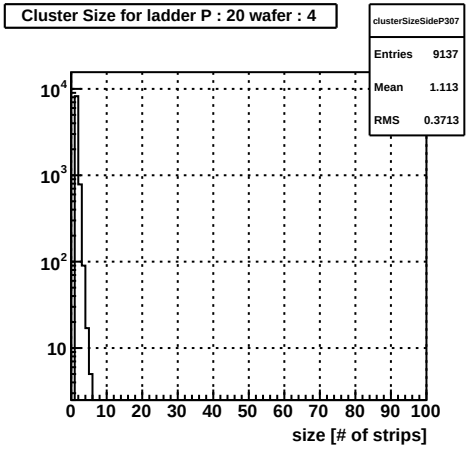

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 14667
Mean 1.151
RMS 0.442
size [# of strips]

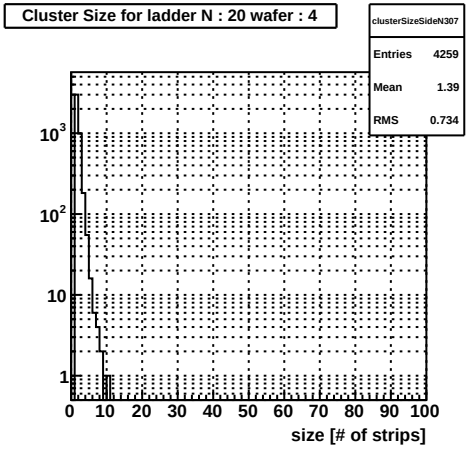

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 8758
Mean 1.325
RMS 0.6766
size [# of strips]

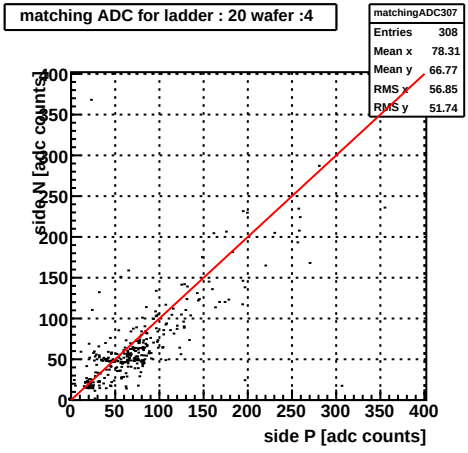

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2425
Mean x 78.43
Mean y 68.69
RMS x 57.57
RMS y 51.15
side N [adc counts]
side P [adc counts]

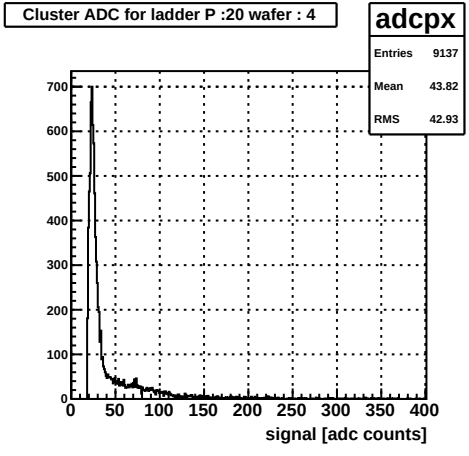

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 14667
Mean 46.68
RMS 47.47
signal [adc counts]

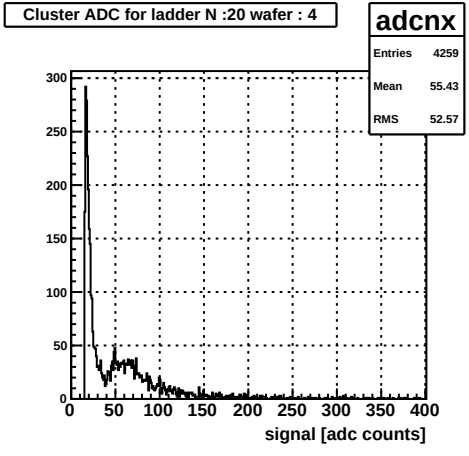

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 8758
Mean 49.47
RMS 50.55
signal [adc counts]

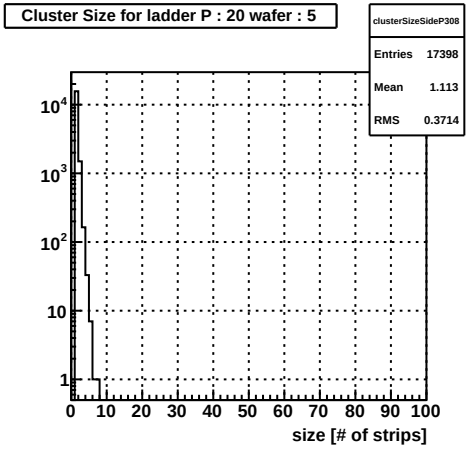

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 9137
Mean 1.113
RMS 0.3713
size [# of strips]

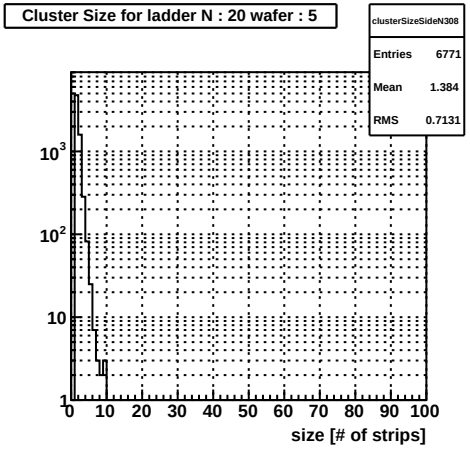

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 4259
Mean 1.39
RMS 0.734
size [# of strips]

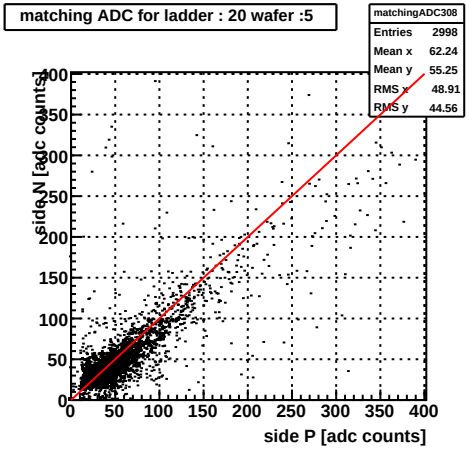

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 308
Mean x 78.31
Mean y 66.77
RMS x 56.85
RMS y 51.74
side N [adc counts]
side P [adc counts]

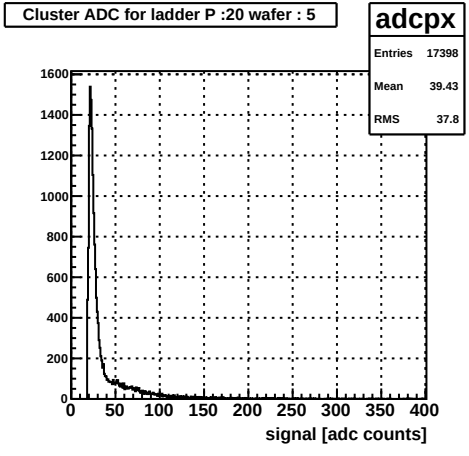

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 9137
Mean 43.82
RMS 42.93
signal [adc counts]

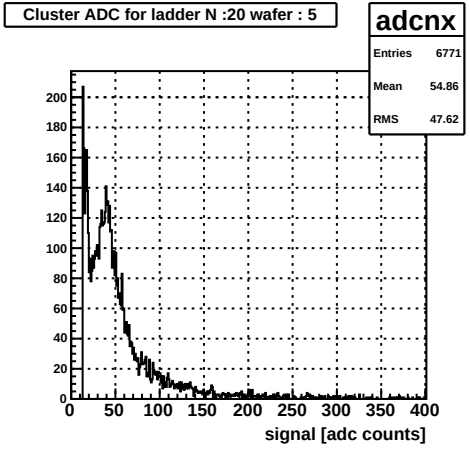

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 4259
Mean 55.43
RMS 52.57
signal [adc counts]

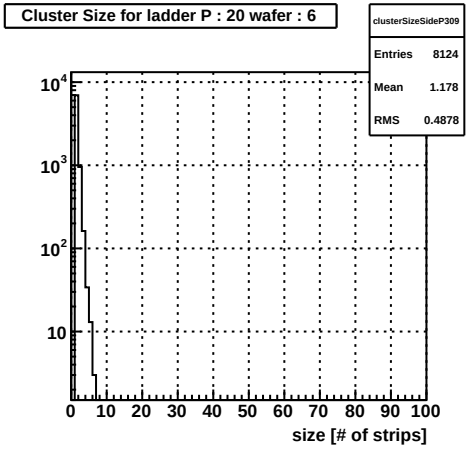

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 17398
Mean 1.113
RMS 0.3714
size [# of strips]

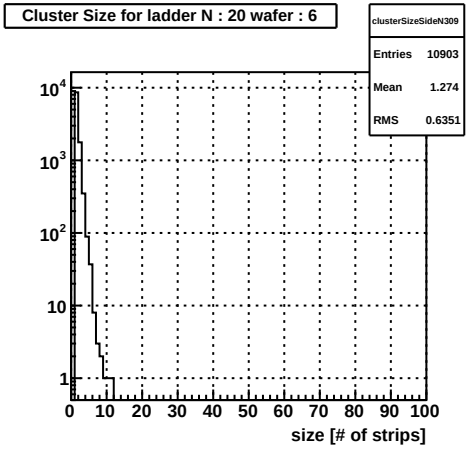

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 6771
Mean 1.384
RMS 0.7131
size [# of strips]

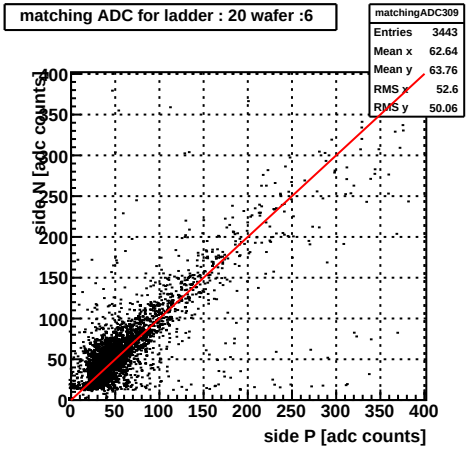

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 2998
Mean x 62.24
Mean y 55.25
RMS x 48.91
RMS y 44.56
side N [adc counts]
side P [adc counts]

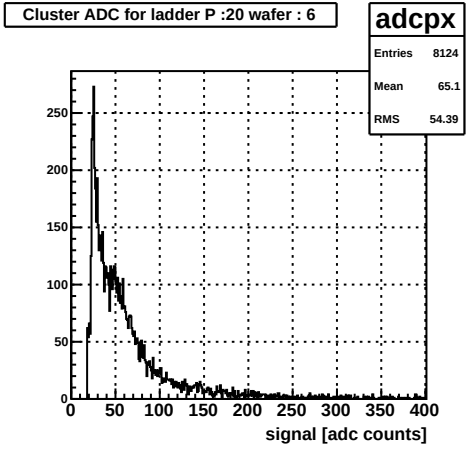

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 17398
Mean 39.43
RMS 37.8
signal [adc counts]

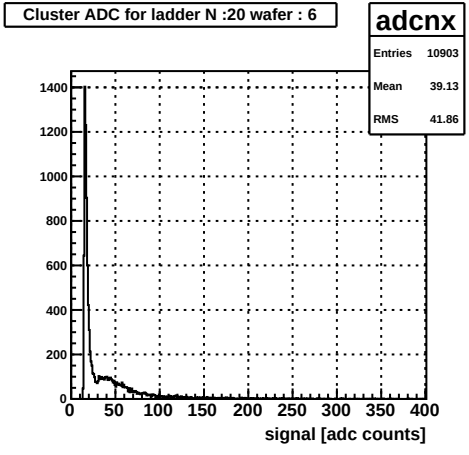

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 6771
Mean 54.86
RMS 47.62
signal [adc counts]

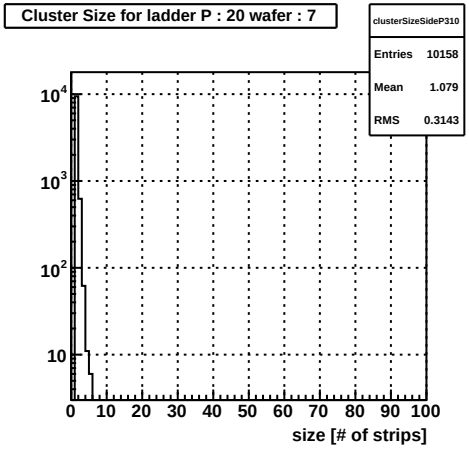

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 8124
Mean 1.178
RMS 0.4878
size [# of strips]

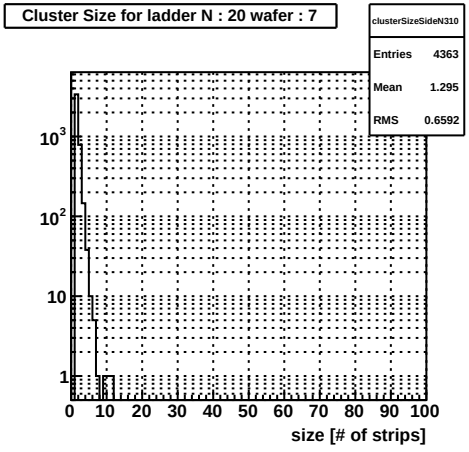

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 10903
Mean 1.274
RMS 0.6351
size [# of strips]

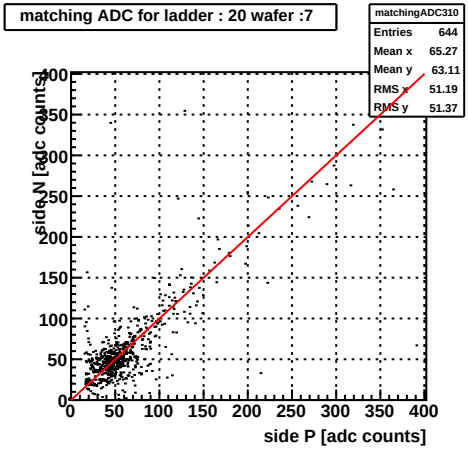

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3443
Mean x 62.64
Mean y 63.76
RMS x 52.6
RMS y 50.06
side N [adc counts]
side P [adc counts]

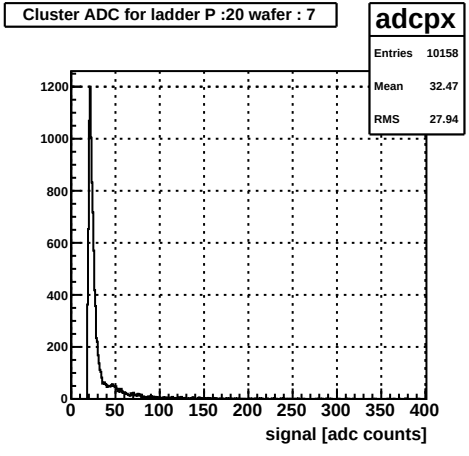

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 8124
Mean 65.1
RMS 54.39
signal [adc counts]

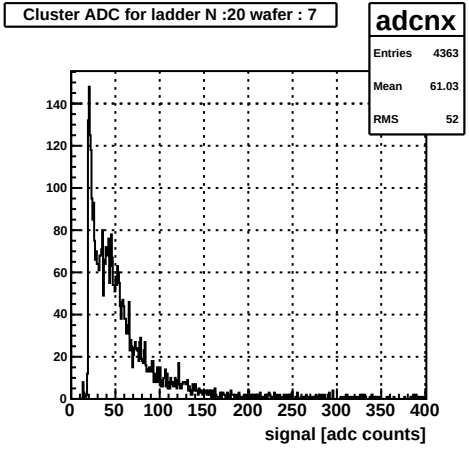

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 10903
Mean 39.13
RMS 41.86
signal [adc counts]

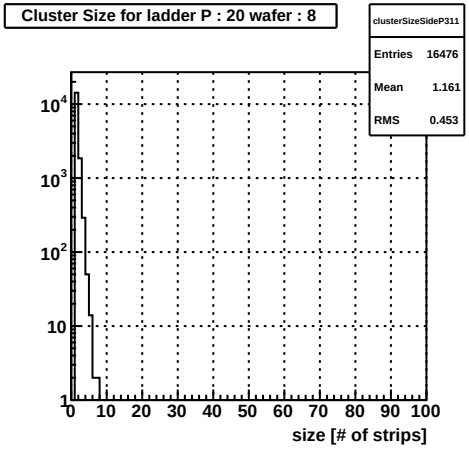

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 10158
Mean 1.079
RMS 0.3143
size [# of strips]

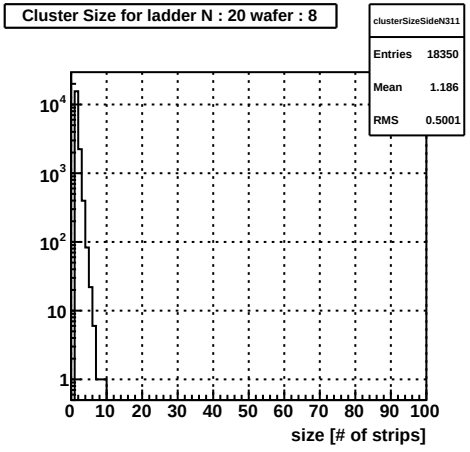

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 4363
Mean 1.295
RMS 0.6592
size [# of strips]

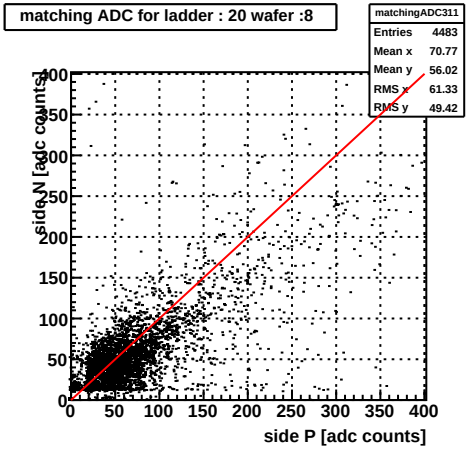

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 644
Mean x 65.27
Mean y 63.11
RMS x 51.19
RMS y 51.37
side N [adc counts]
side P [adc counts]

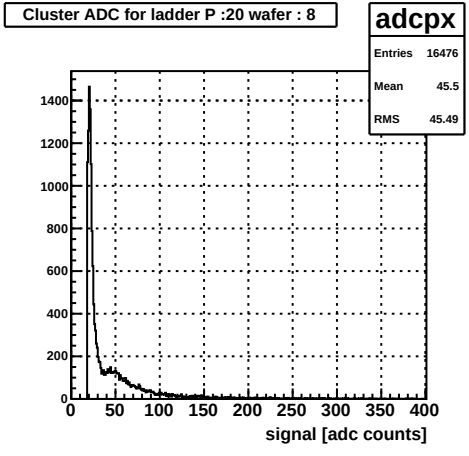

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 10158
Mean 32.47
RMS 27.94
signal [adc counts]

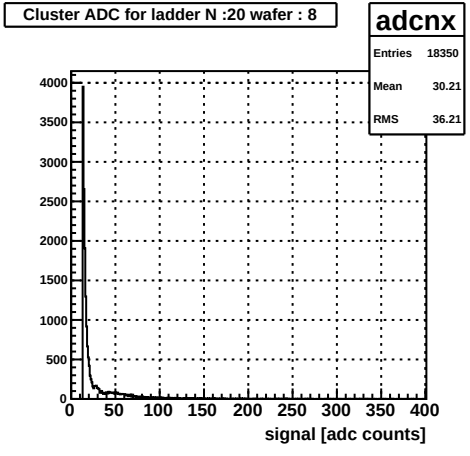

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 4363
Mean 61.03
RMS 52
signal [adc counts]

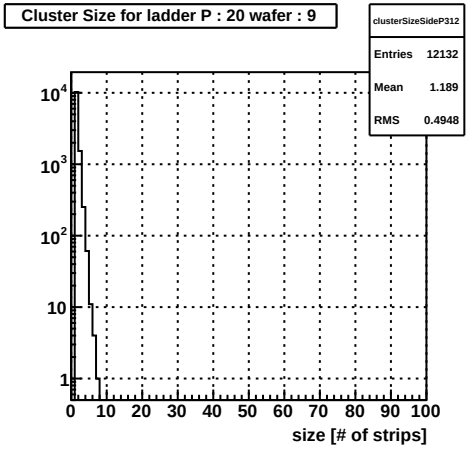

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 16476
Mean 1.161
RMS 0.453
size [# of strips]

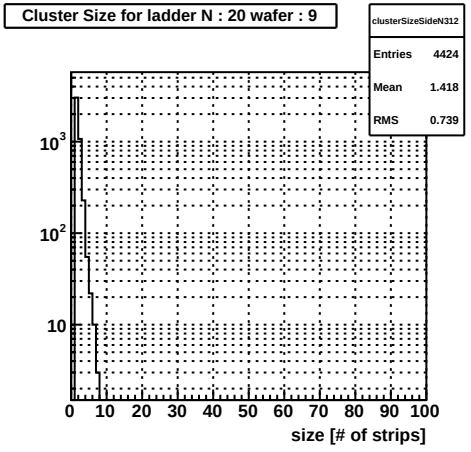

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 18350
Mean 1.186
RMS 0.5001
size [# of strips]

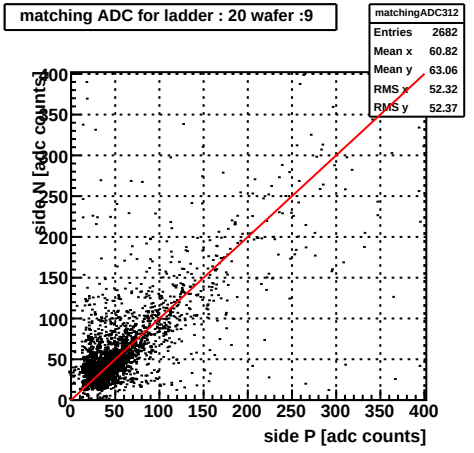

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 4483
Mean x 70.77
Mean y 56.02
RMS x 61.33
RMS y 49.42
side N [adc counts]
side P [adc counts]

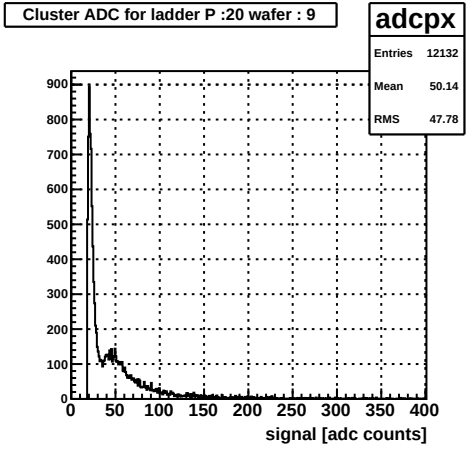

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 16476
Mean 45.5
RMS 45.49
signal [adc counts]

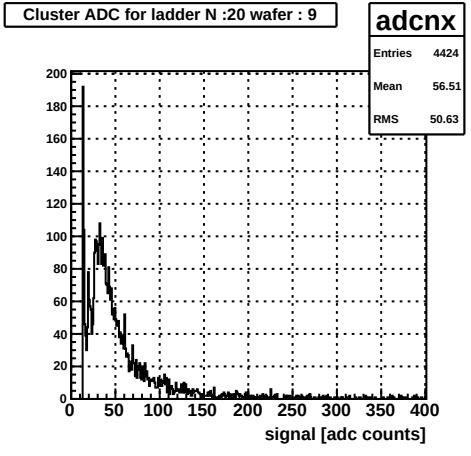

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 18350
Mean 30.21
RMS 36.21
signal [adc counts]

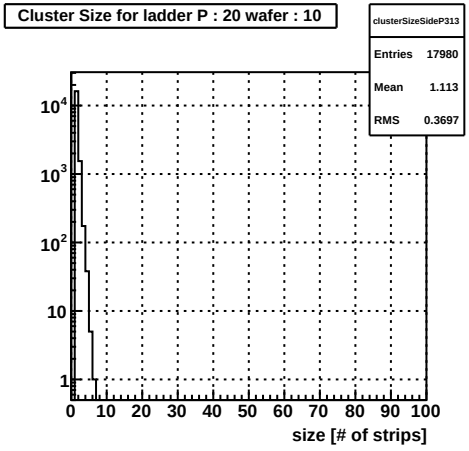

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 12132
Mean 1.189
RMS 0.4948
size [# of strips]

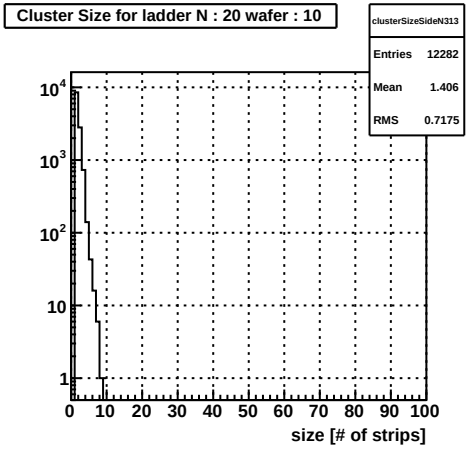

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 4424
Mean 1.418
RMS 0.739
size [# of strips]

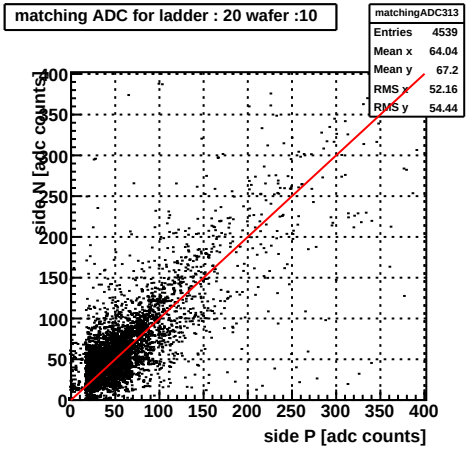

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2682
Mean x 60.82
Mean y 63.06
RMS x 52.32
RMS y 52.37
side N [adc counts]
side P [adc counts]

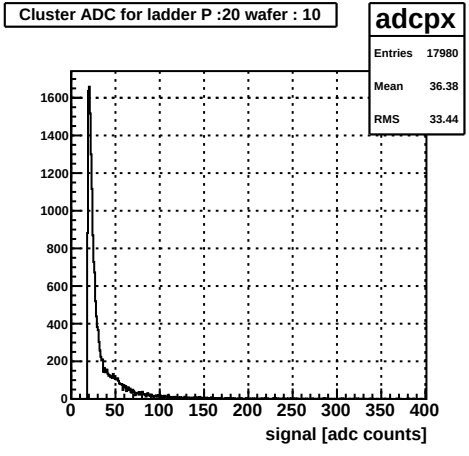

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 12132
Mean 50.14
RMS 47.78
signal [adc counts]

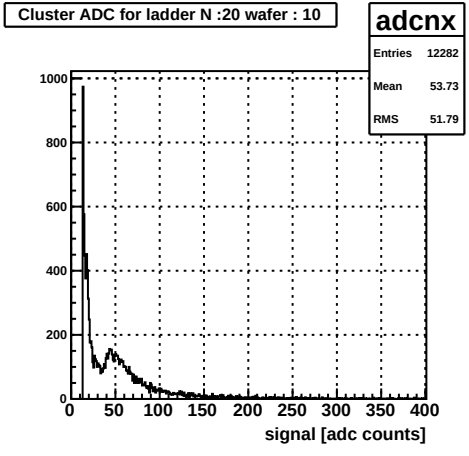

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 4424
Mean 56.51
RMS 50.63
signal [adc counts]

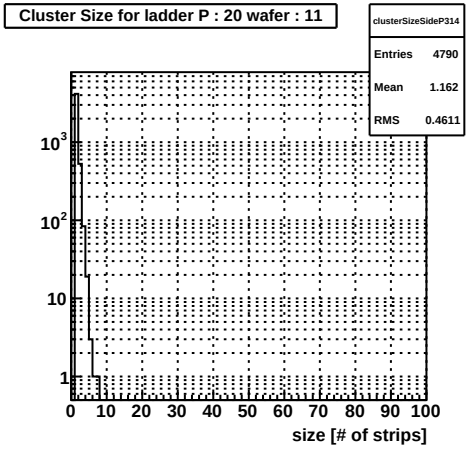

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 17980
Mean 1.113
RMS 0.3697
size [# of strips]

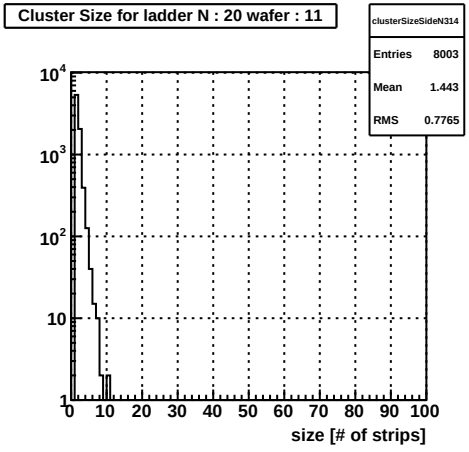

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 12282
Mean 1.406
RMS 0.7175
size [# of strips]

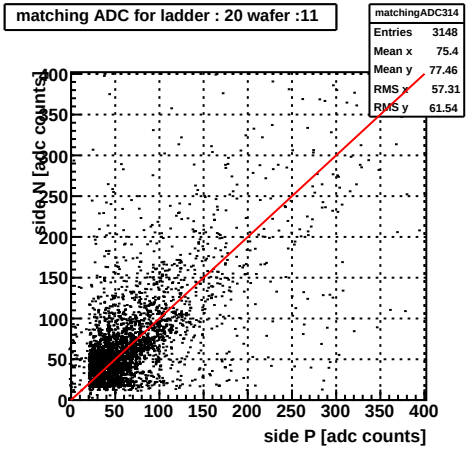

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4539
Mean x 64.04
Mean y 67.2
RMS x 52.16
RMS y 54.44
side N [adc counts]
side P [adc counts]

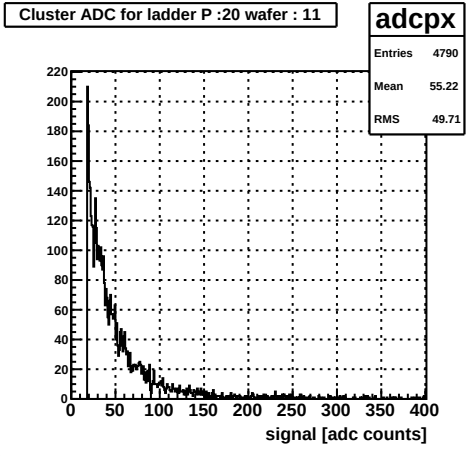

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 17980
Mean 36.38
RMS 33.44
signal [adc counts]

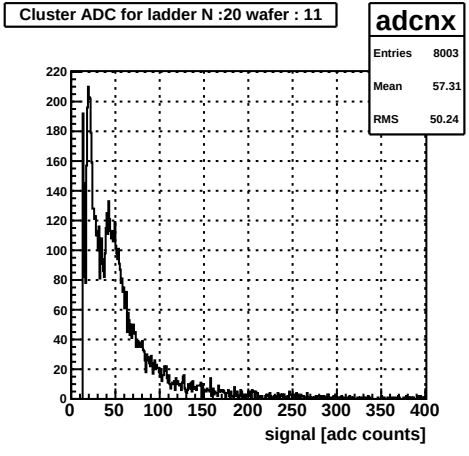

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 12282
Mean 53.73
RMS 51.79
signal [adc counts]

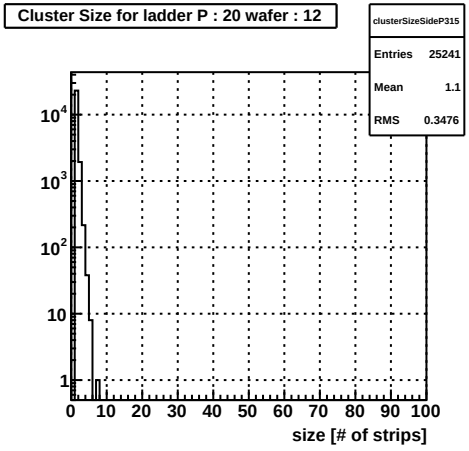

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4790
Mean 1.162
RMS 0.4611
size [# of strips]

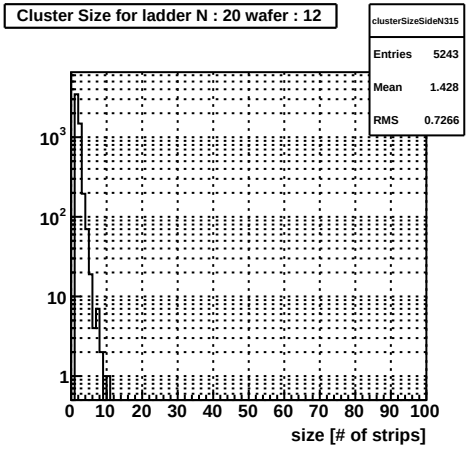

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 8003
Mean 1.443
RMS 0.7765
size [# of strips]

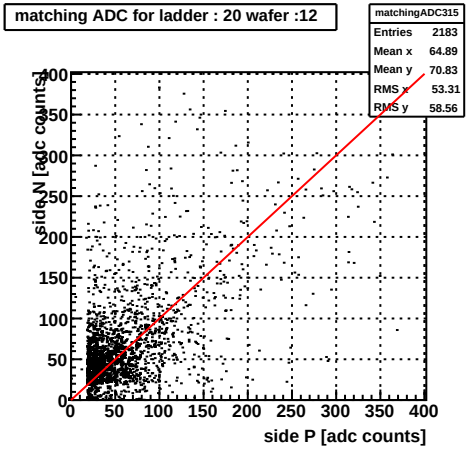

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 3148
Mean x 75.4
Mean y 77.46
RMS x 57.31
RMS y 61.54
side N [adc counts]
side P [adc counts]

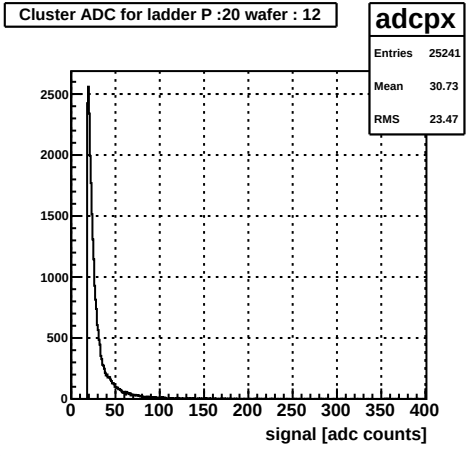

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4790
Mean 55.22
RMS 49.71
signal [adc counts]

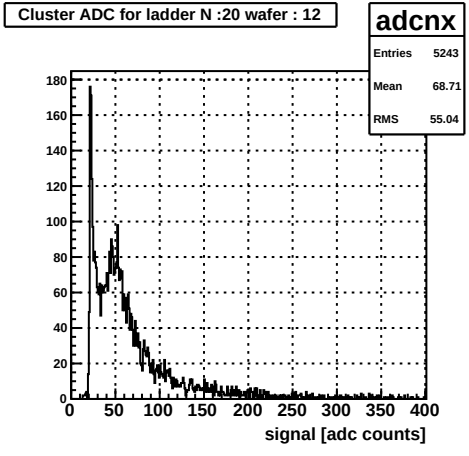

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 8003
Mean 57.31
RMS 50.24
signal [adc counts]

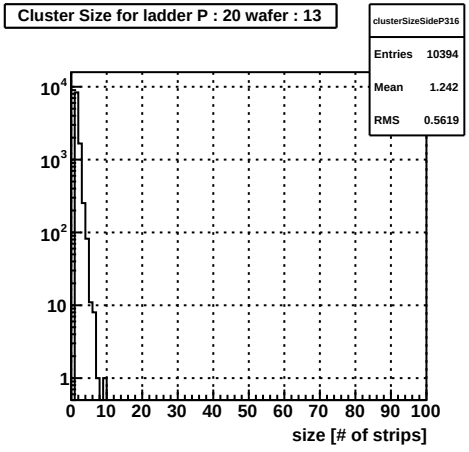

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 25241
Mean 1.1
RMS 0.3476
size [# of strips]

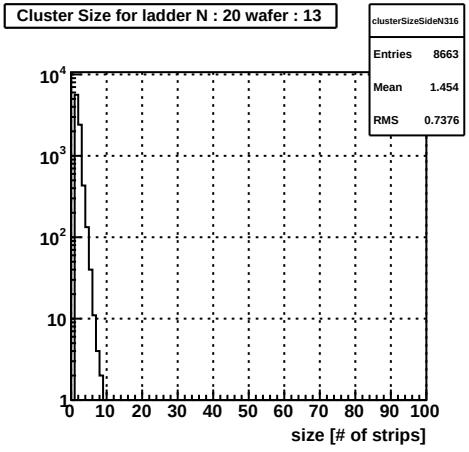

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 5243
Mean 1.428
RMS 0.7266
size [# of strips]

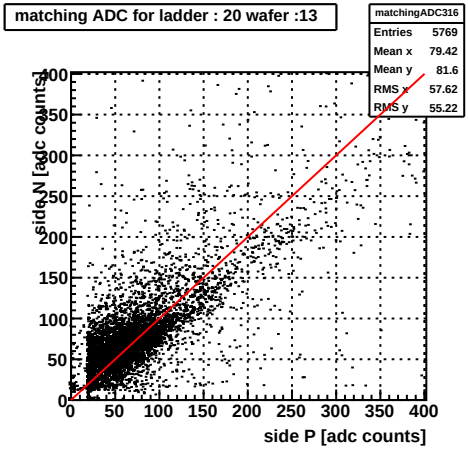

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 2183
Mean x 64.89
Mean y 70.83
RMS x 53.31
RMS y 58.56
side N [adc counts]
side P [adc counts]

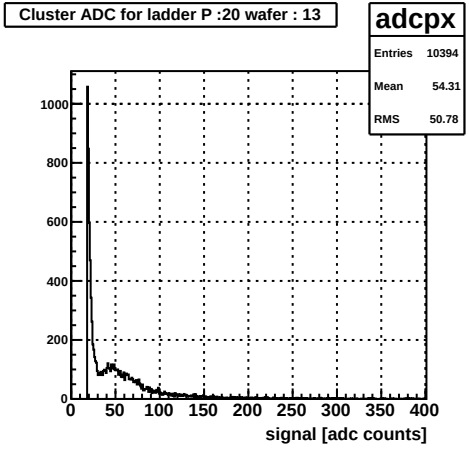

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 25241
Mean 30.73
RMS 23.47
signal [adc counts]

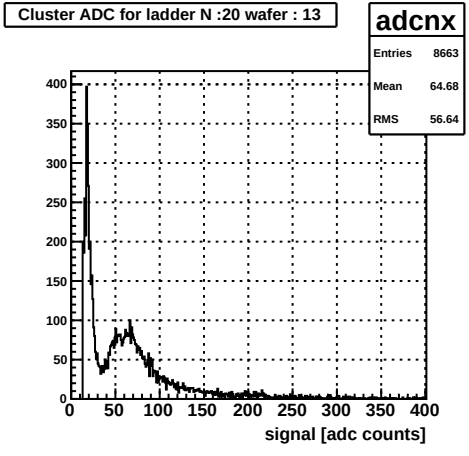

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 5243
Mean 68.71
RMS 55.04
signal [adc counts]

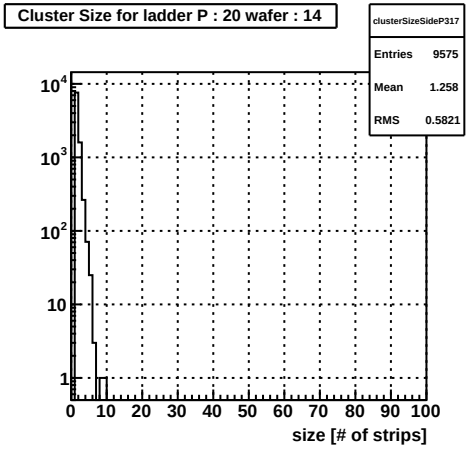

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10394
Mean 1.242
RMS 0.5619
size [# of strips]

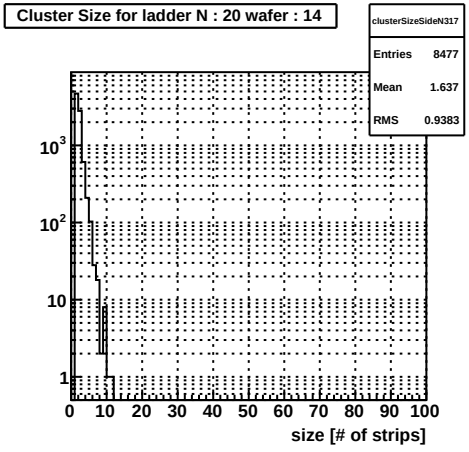

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 8663
Mean 1.454
RMS 0.7376
size [# of strips]

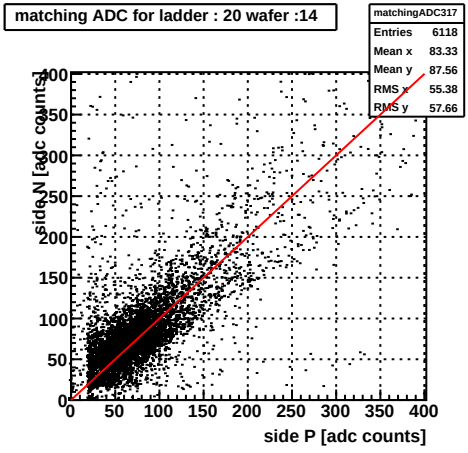

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 5769
Mean x 79.42
Mean y 81.6
RMS x 57.62
RMS y 55.22
side N [adc counts]
side P [adc counts]

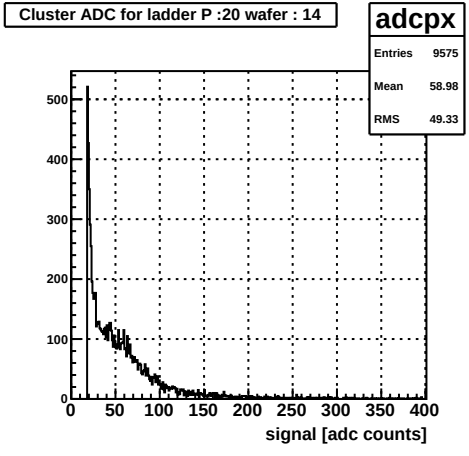

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10394
Mean 54.31
RMS 50.78
signal [adc counts]

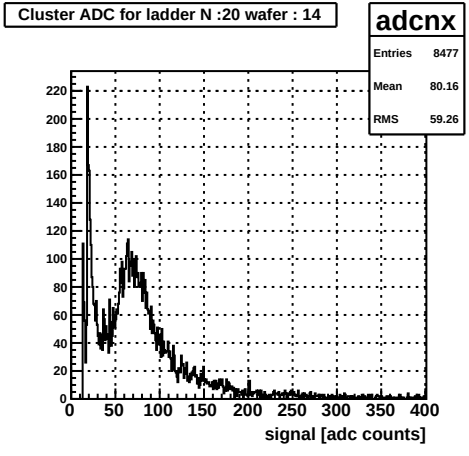

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 8663
Mean 64.68
RMS 56.64
signal [adc counts]

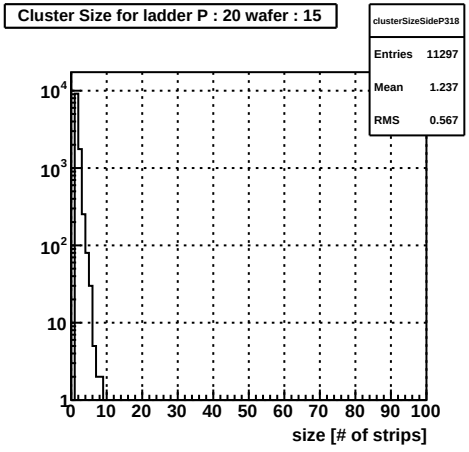

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 9575
Mean 1.258
RMS 0.5821
size [# of strips]

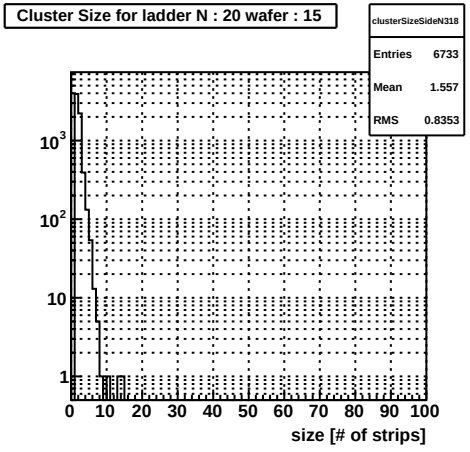

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 8477
Mean 1.637
RMS 0.9383
size [# of strips]

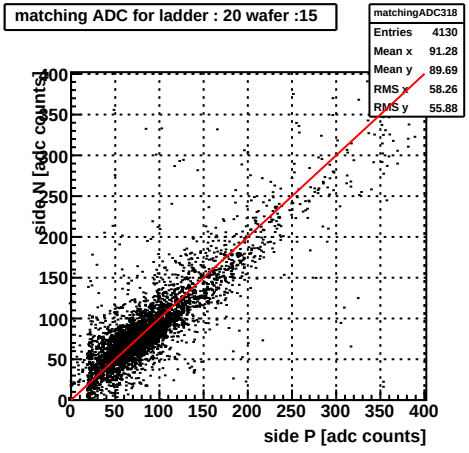

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 6118
Mean x 83.33
Mean y 87.56
RMS x 55.38
RMS y 57.66
side N [adc counts]
side P [adc counts]

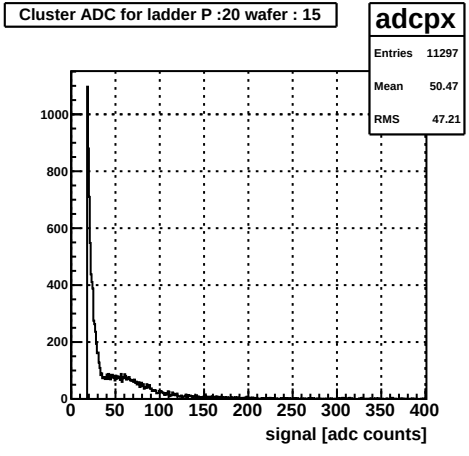

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 9575
Mean 58.98
RMS 49.33
signal [adc counts]

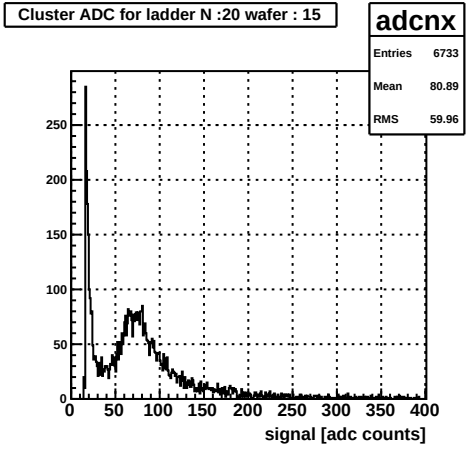

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 8477
Mean 80.16
RMS 59.26
signal [adc counts]

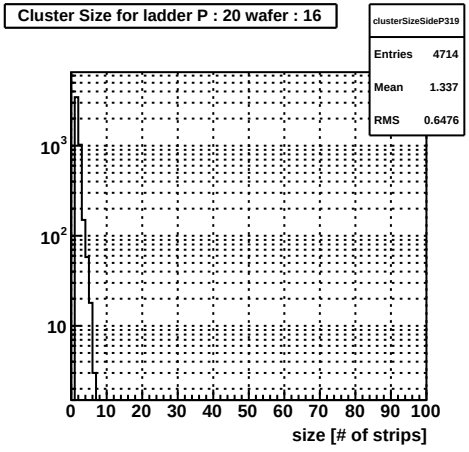

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 11297
Mean 1.237
RMS 0.567
size [# of strips]

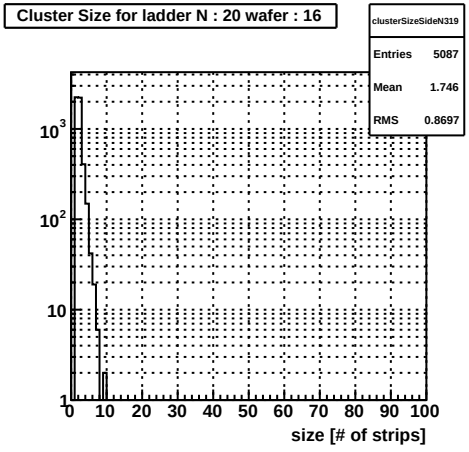

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 6733
Mean 1.557
RMS 0.8353
size [# of strips]

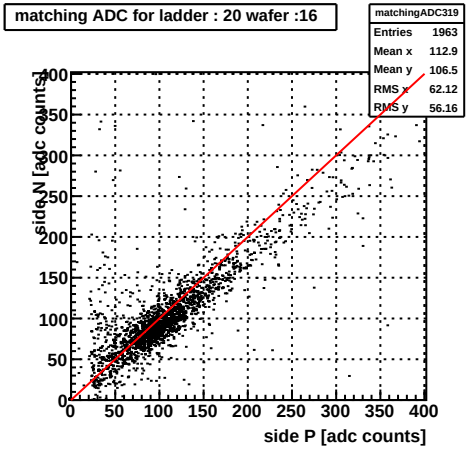

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 4130
Mean x 91.28
Mean y 89.69
RMS x 58.26
RMS y 55.88
side N [adc counts]
side P [adc counts]

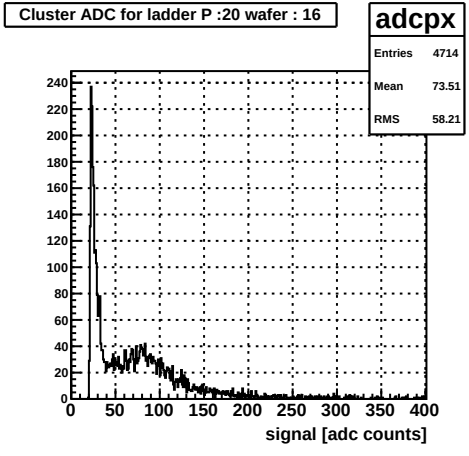

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 11297
Mean 50.47
RMS 47.21
signal [adc counts]

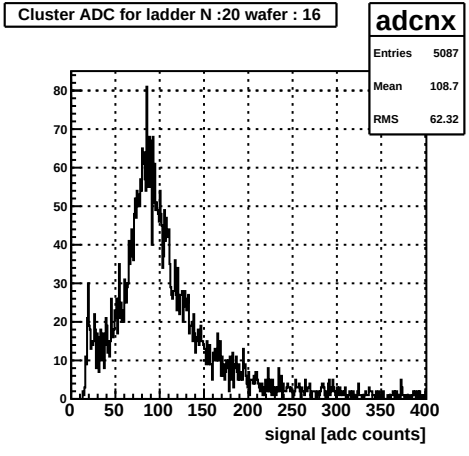

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 6733
Mean 80.89
RMS 59.96
signal [adc counts]

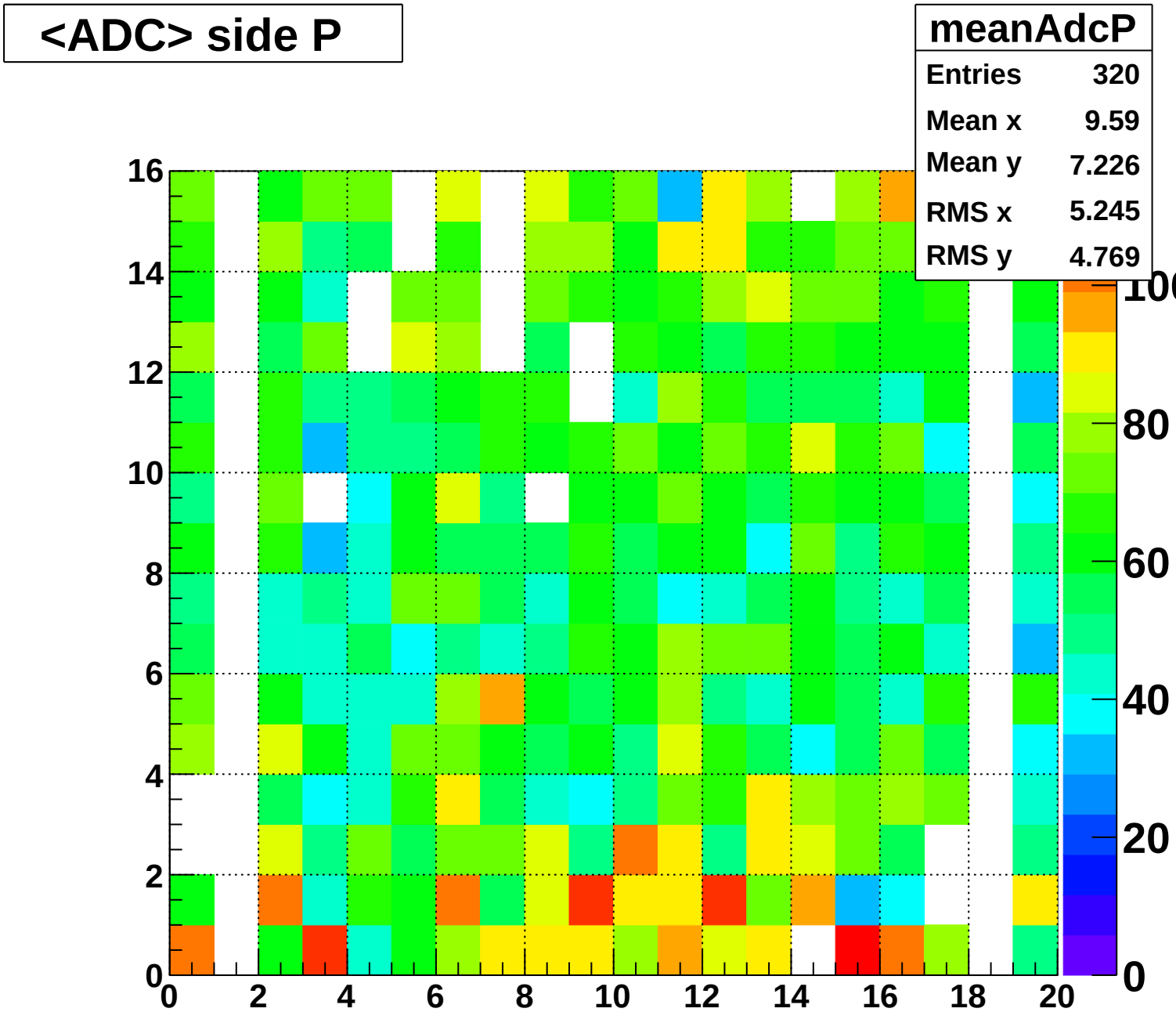

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4714
Mean 1.337
RMS 0.6476
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5087
Mean 1.746
RMS 0.8697
size [# of strips]

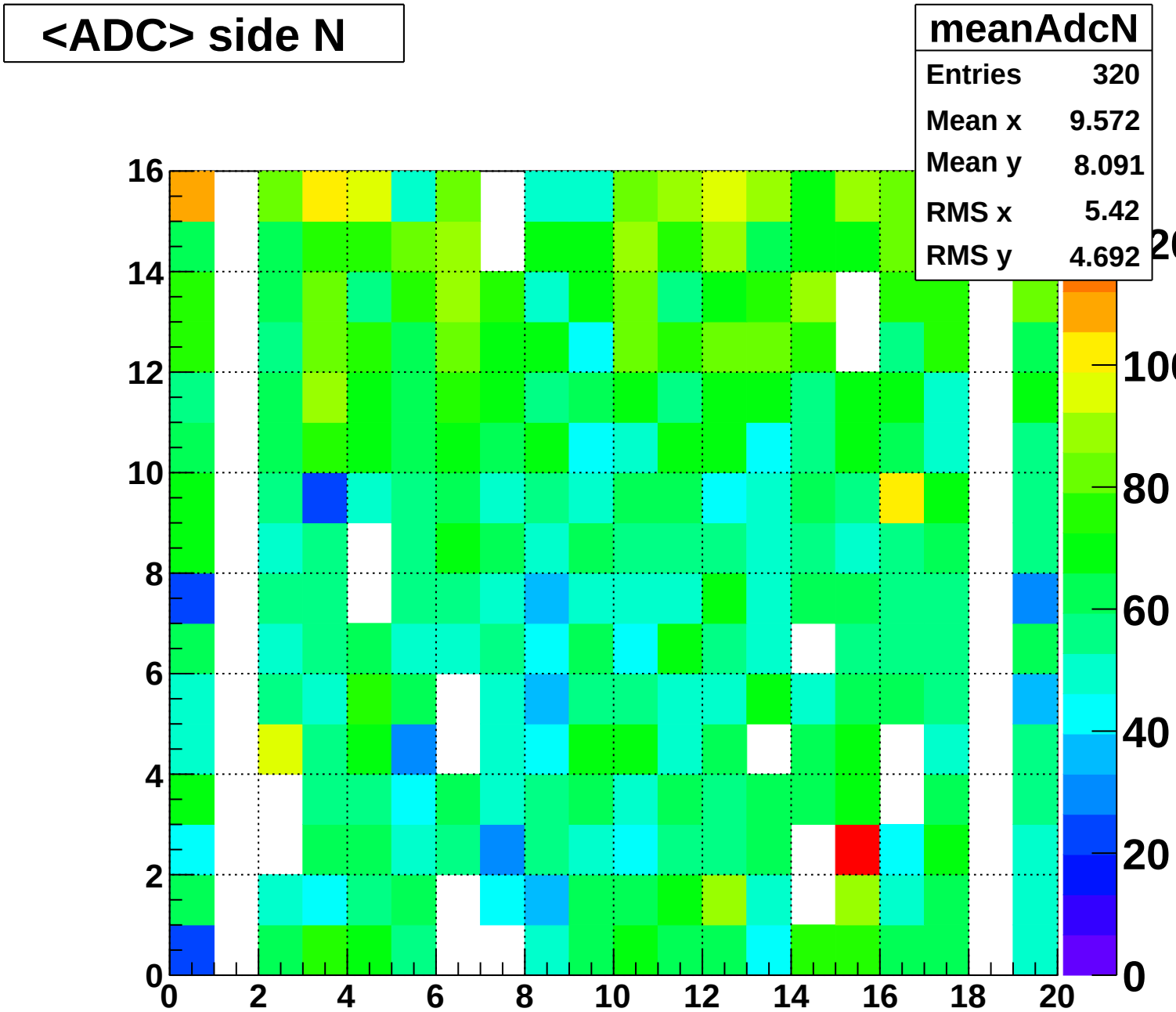

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 1963
Mean x 112.9
Mean y 106.5
RMS x 62.12
RMS y 56.16
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4714
Mean 73.51
RMS 58.21
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5087
Mean 108.7
RMS 62.32
signal [adc counts]



2016-06-19 19:53:40



2016-06-19 19:53:40