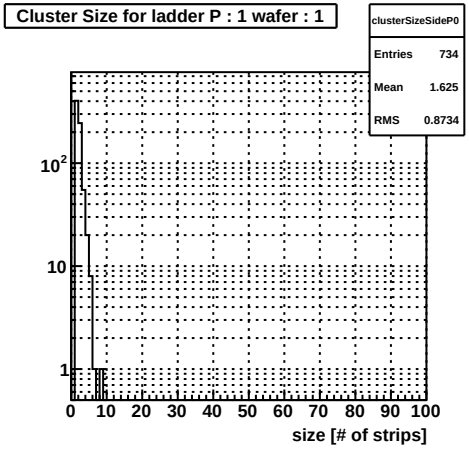
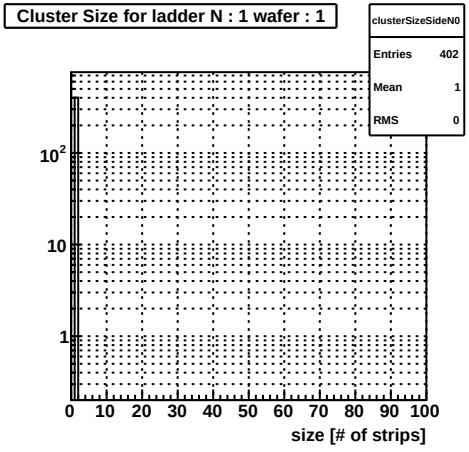
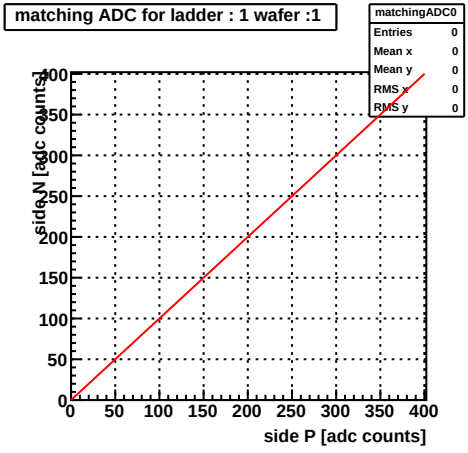
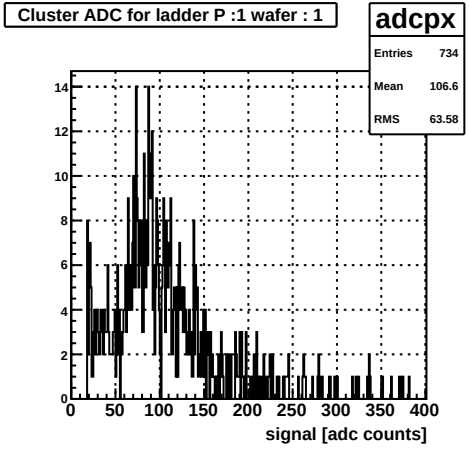
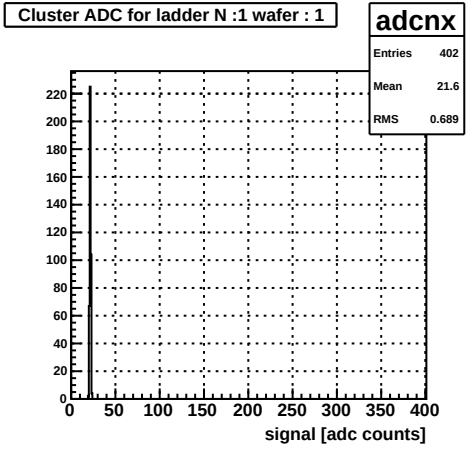
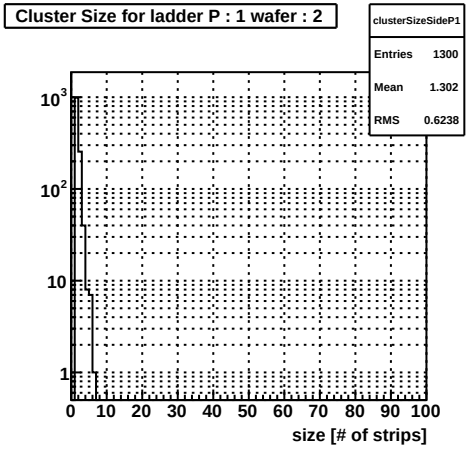

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 734
Mean 1.625
RMS 0.8734
size [# of strips]

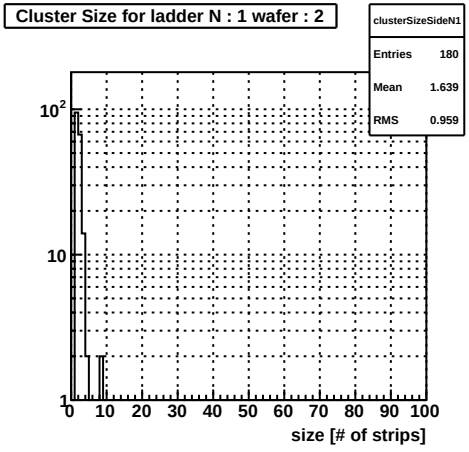

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 402
Mean 1
RMS 0
size [# of strips]

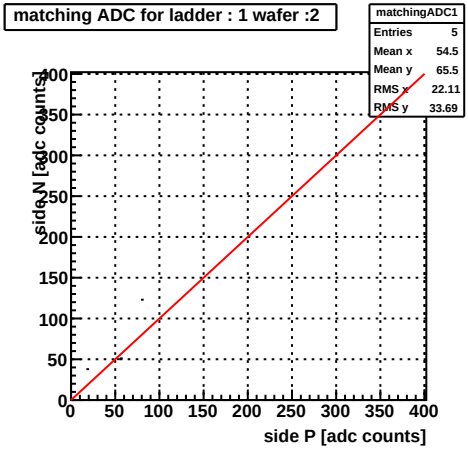

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

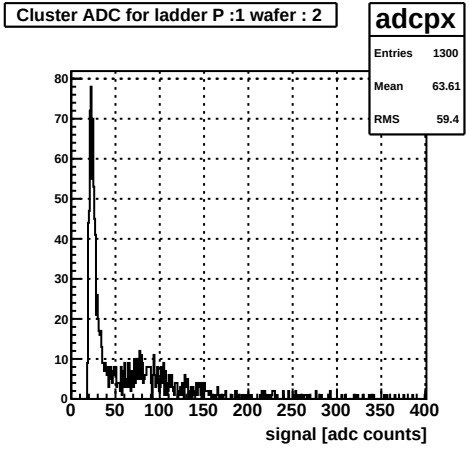

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 734
Mean 106.6
RMS 63.58
signal [adc counts]

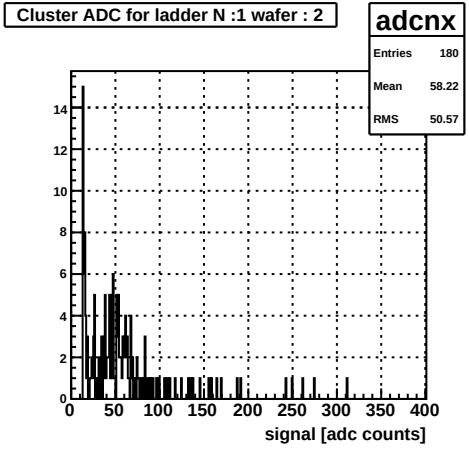

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 402
Mean 21.6
RMS 0.689
signal [adc counts]

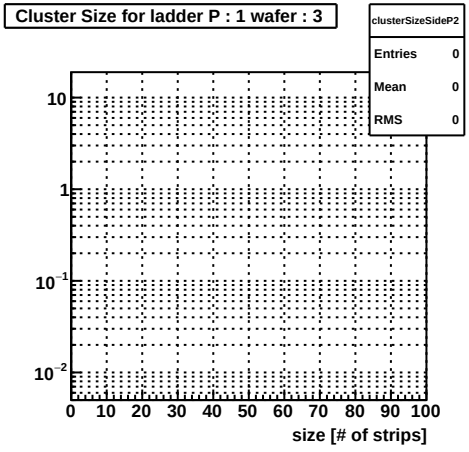

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 1300
Mean 1.302
RMS 0.6238
size [# of strips]

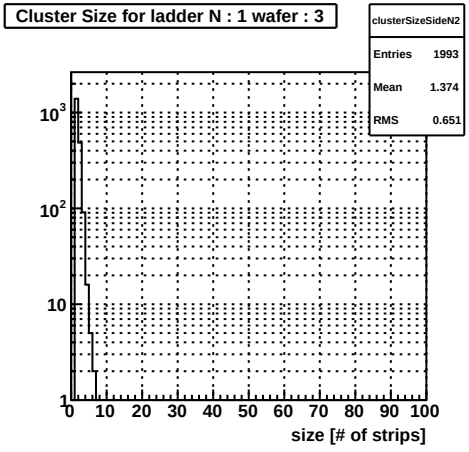

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 180
Mean 1.639
RMS 0.959
size [# of strips]

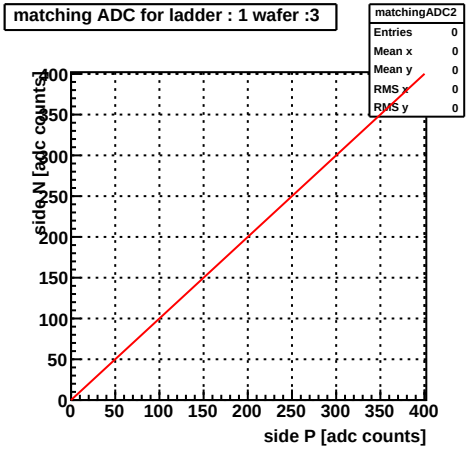

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 5
Mean x 54.5
Mean y 65.5
RMS x 22.11
RMS y 33.69
side N [adc counts]
side P [adc counts]

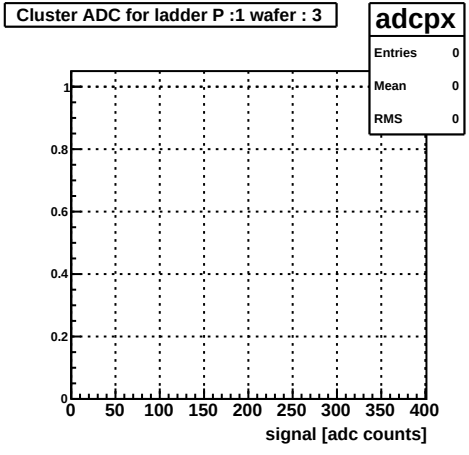

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 1300
Mean 63.61
RMS 59.4
signal [adc counts]

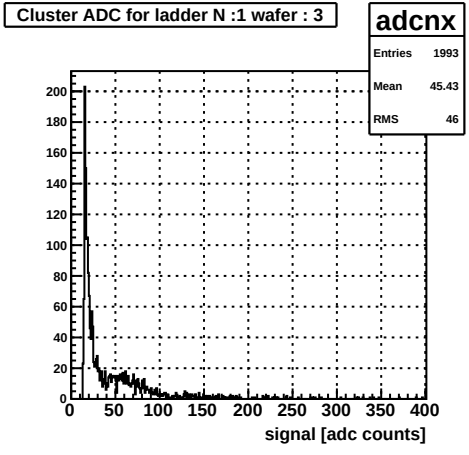

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 180
Mean 58.22
RMS 50.57
signal [adc counts]

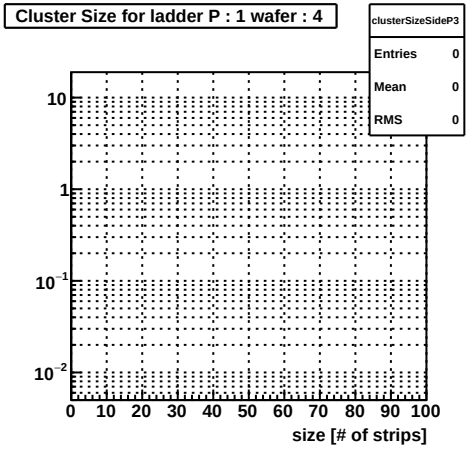

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

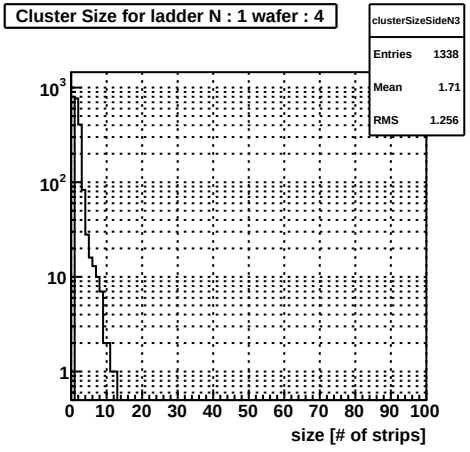

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1993
Mean 1.374
RMS 0.651
size [# of strips]

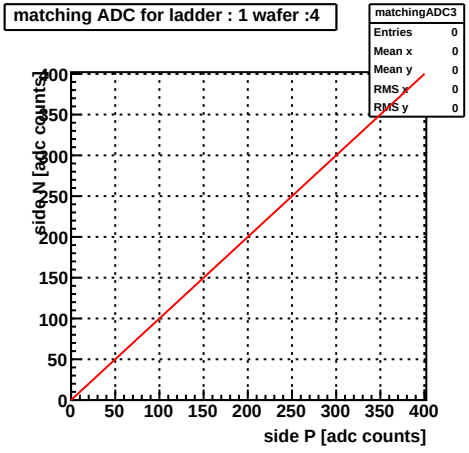

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

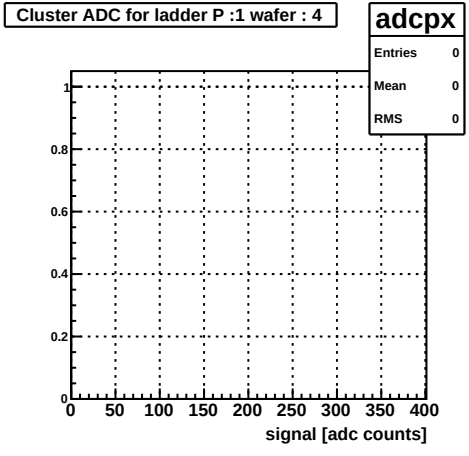

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

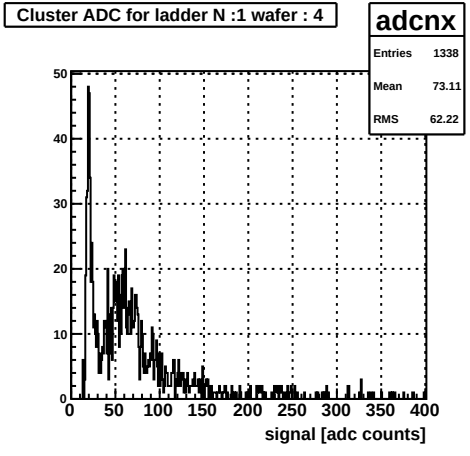

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1993
Mean 45.43
RMS 46
signal [adc counts]

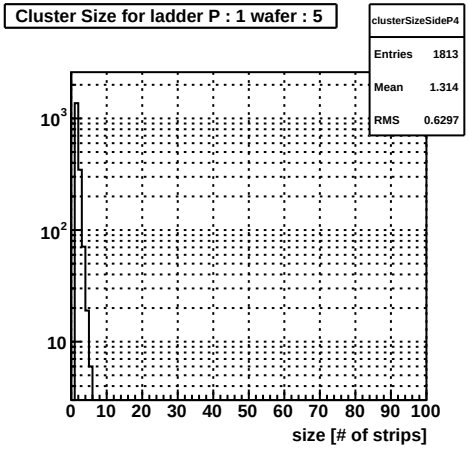

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

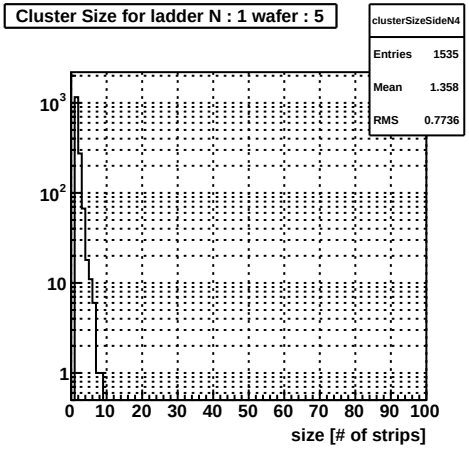

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1338
Mean 1.71
RMS 1.256
size [# of strips]

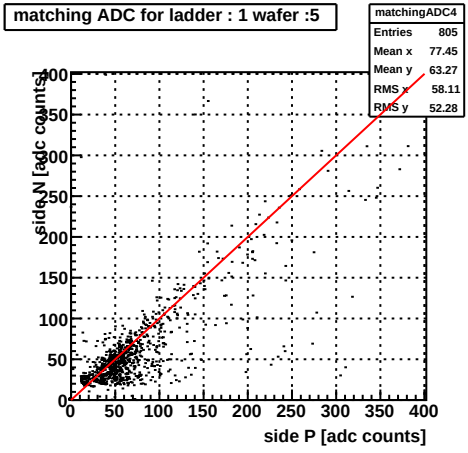

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

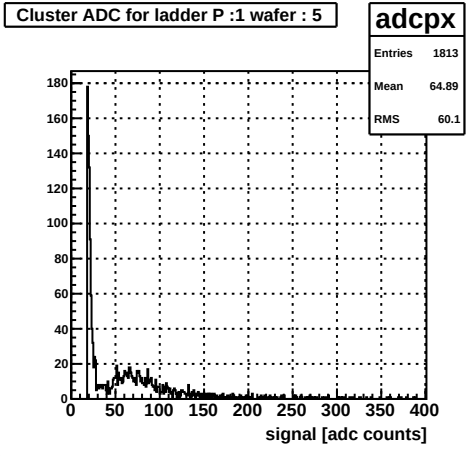

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

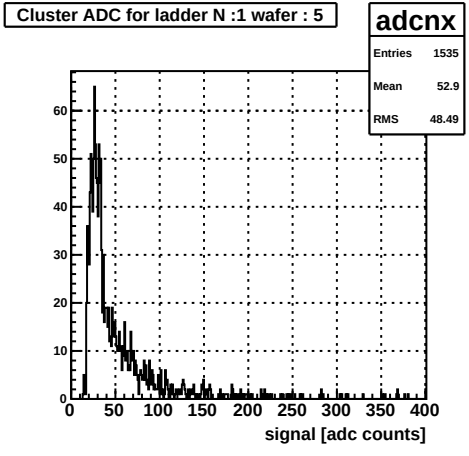

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1338
Mean 73.11
RMS 62.22
signal [adc counts]

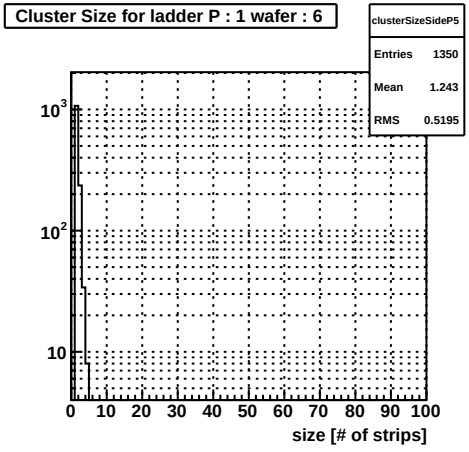

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 1813
Mean 1.314
RMS 0.6297
size [# of strips]

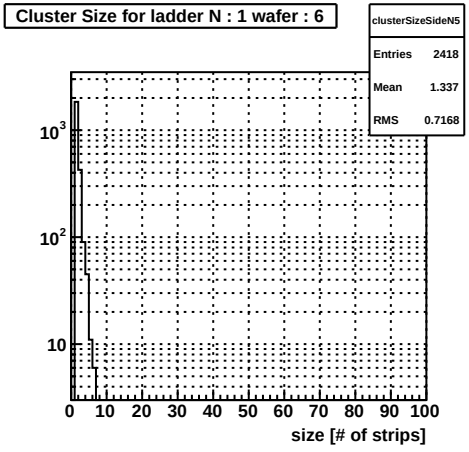

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1535
Mean 1.358
RMS 0.7736
size [# of strips]

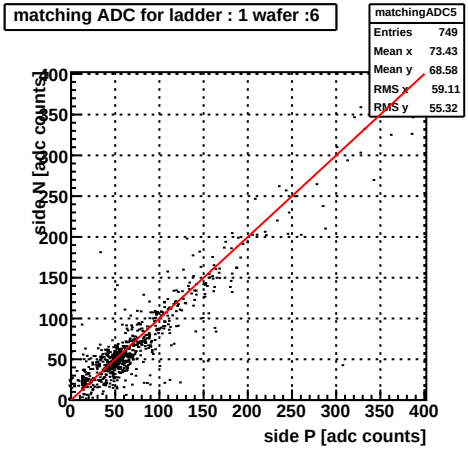

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 805
Mean x 77.45
Mean y 63.27
RMS x 58.11
RMS y 52.28
side N [adc counts]
side P [adc counts]

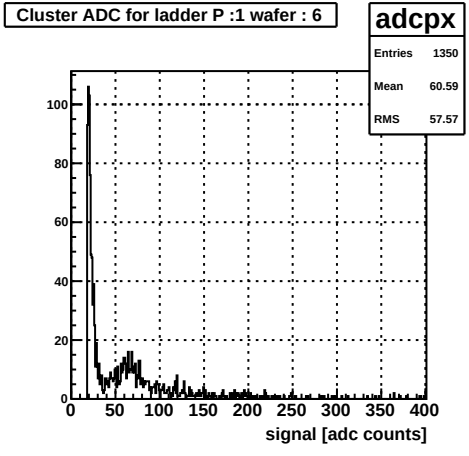

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 1813
Mean 64.89
RMS 60.1
signal [adc counts]

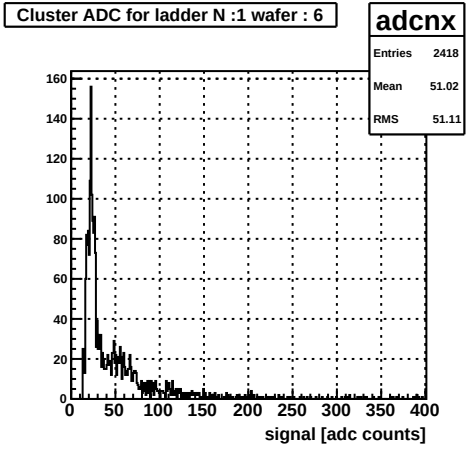

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1535
Mean 52.9
RMS 48.49
signal [adc counts]

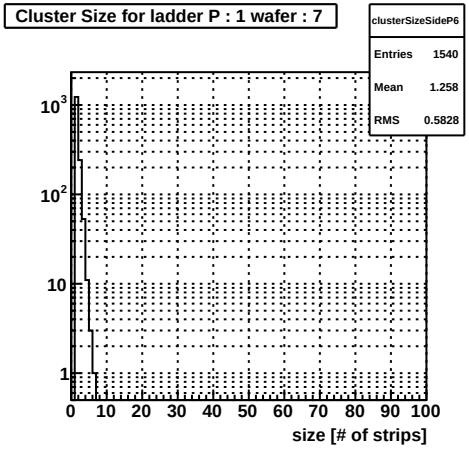

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 1350
Mean 1.243
RMS 0.5195
size [# of strips]

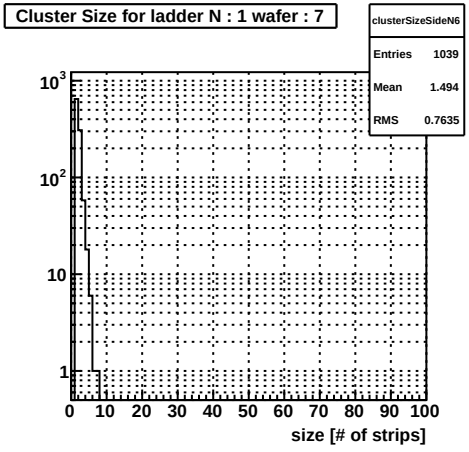

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2418
Mean 1.337
RMS 0.7168
size [# of strips]

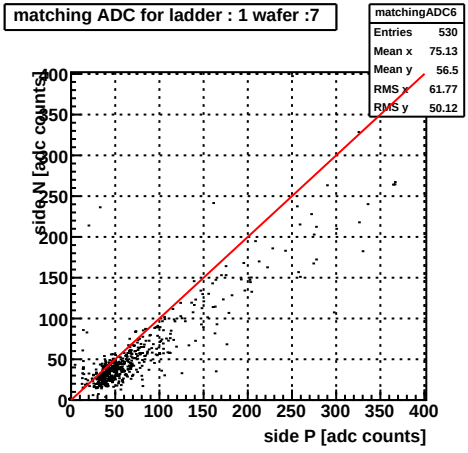

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 749
Mean x 73.43
Mean y 68.58
RMS x 59.11
RMS y 55.32
side N [adc counts]
side P [adc counts]

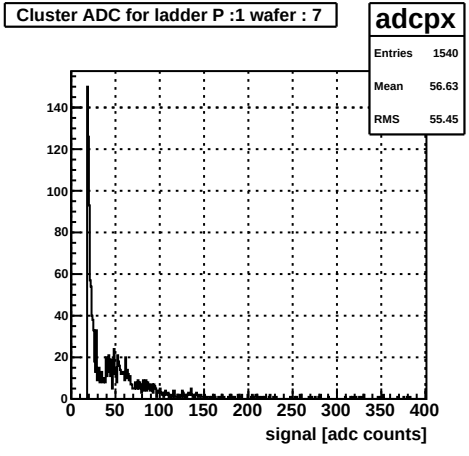

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 1350
Mean 60.59
RMS 57.57
signal [adc counts]

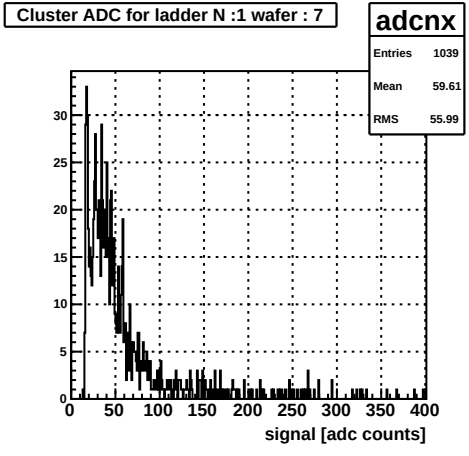

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2418
Mean 51.02
RMS 51.11
signal [adc counts]

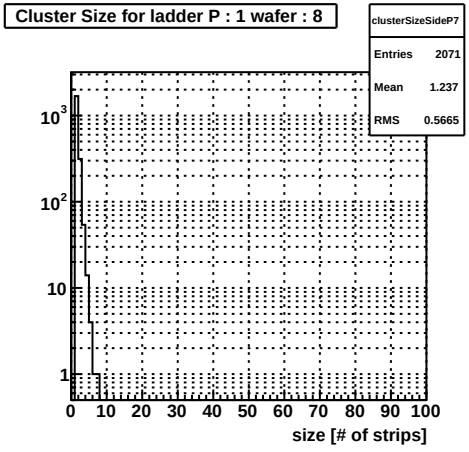

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 1540
Mean 1.258
RMS 0.5828
size [# of strips]

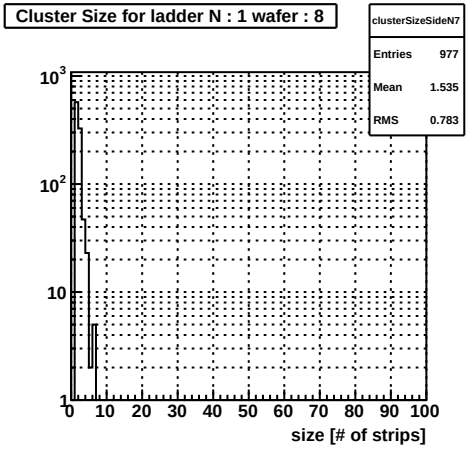

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1039
Mean 1.494
RMS 0.7635
size [# of strips]

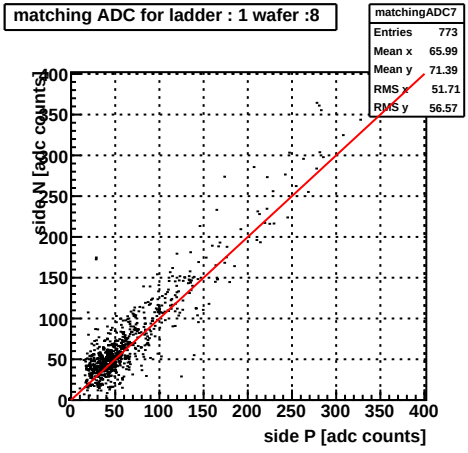

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 530
Mean x 75.13
Mean y 56.5
RMS x 61.77
RMS y 50.12
side N [adc counts]
side P [adc counts]

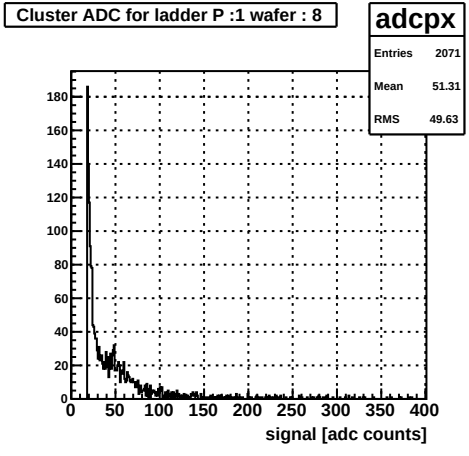

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 1540
Mean 56.63
RMS 55.45
signal [adc counts]

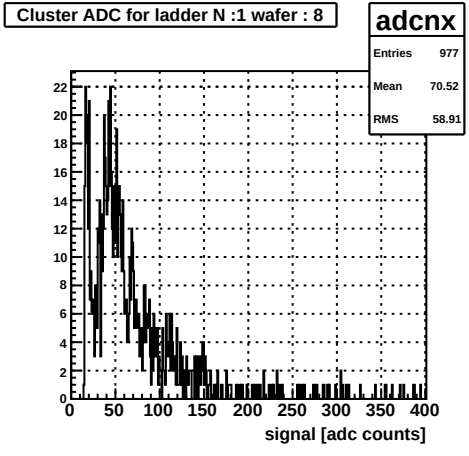

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1039
Mean 59.61
RMS 55.99
signal [adc counts]

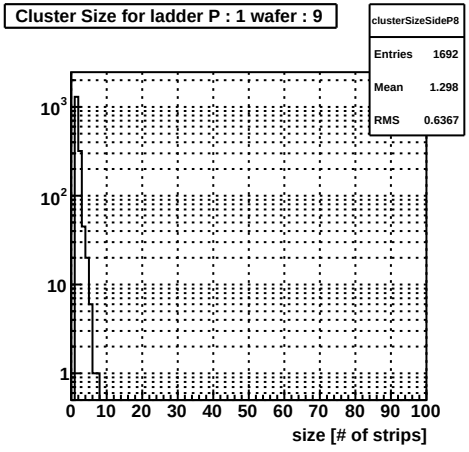

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2071
Mean 1.237
RMS 0.5665
size [# of strips]

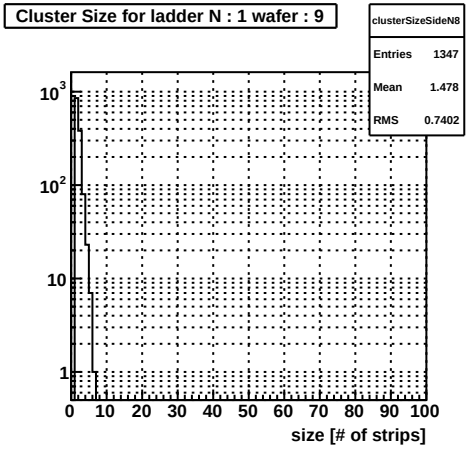

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 977
Mean 1.535
RMS 0.783
size [# of strips]

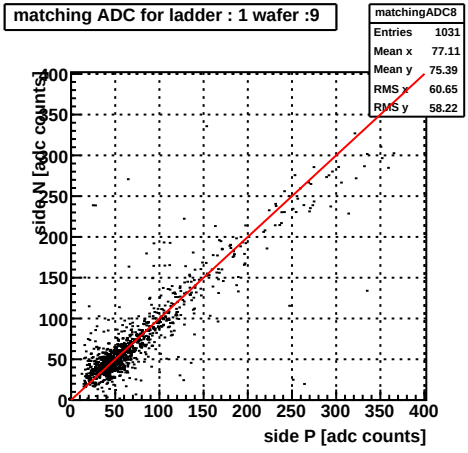

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 773
Mean x 65.99
Mean y 71.39
RMS x 51.71
RMS y 56.57
side N [adc counts]
side P [adc counts]

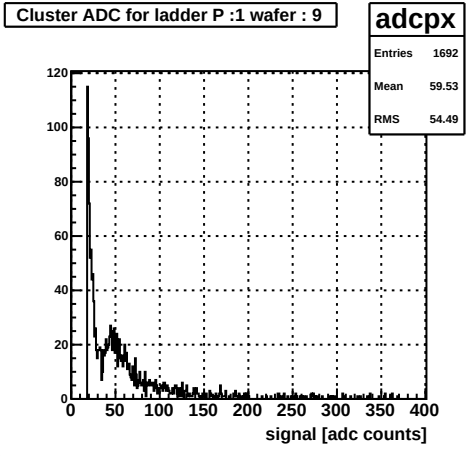

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2071
Mean 51.31
RMS 49.63
signal [adc counts]

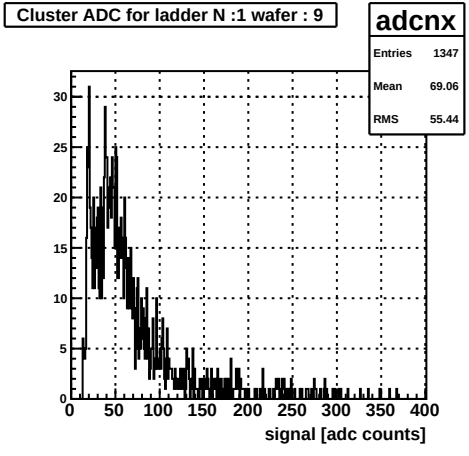

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 977
Mean 70.52
RMS 58.91
signal [adc counts]

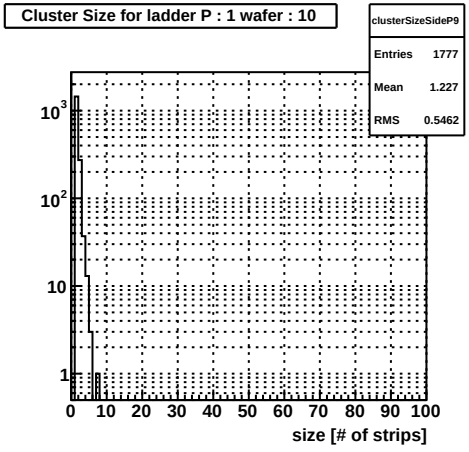

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1692
Mean 1.298
RMS 0.6367
size [# of strips]

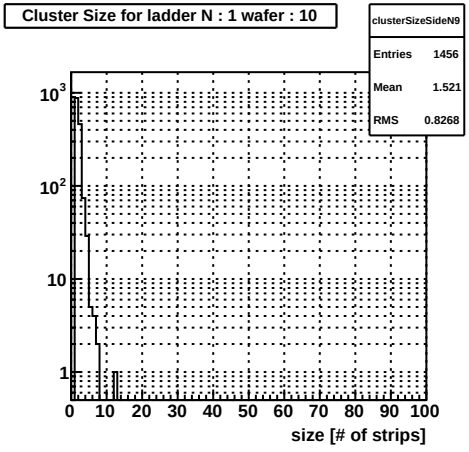

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1347
Mean 1.478
RMS 0.7402
size [# of strips]

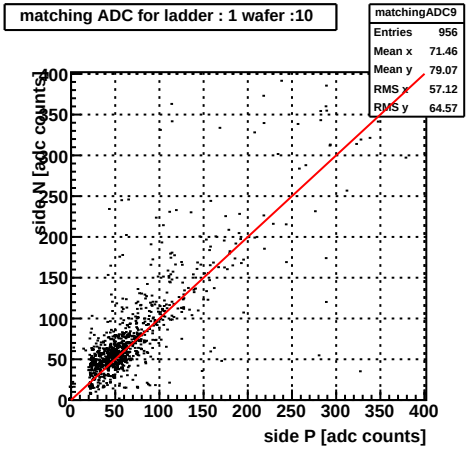

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1031
Mean x 77.11
Mean y 75.39
RMS x 60.65
RMS y 58.22
side N [adc counts]
side P [adc counts]

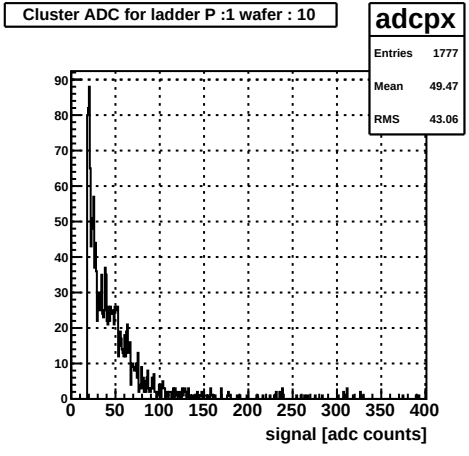

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1692
Mean 59.53
RMS 54.49
signal [adc counts]

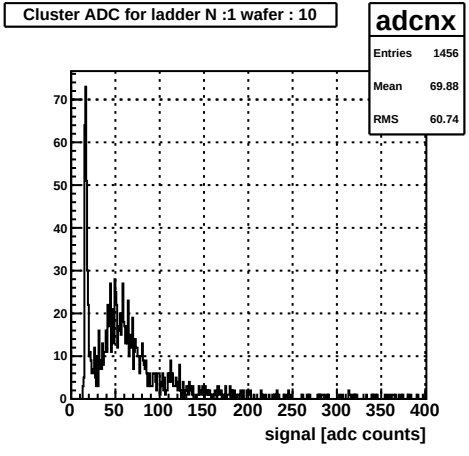

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1347
Mean 69.06
RMS 55.44
signal [adc counts]

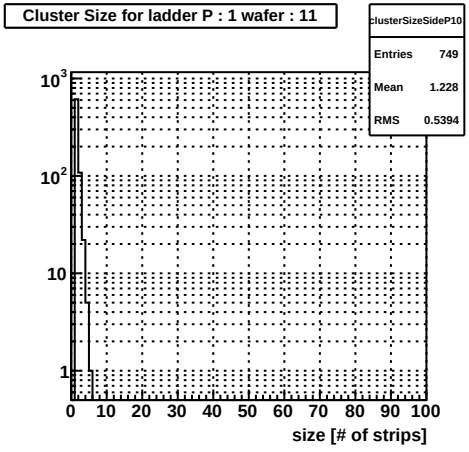

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1777
Mean 1.227
RMS 0.5462
size [# of strips]

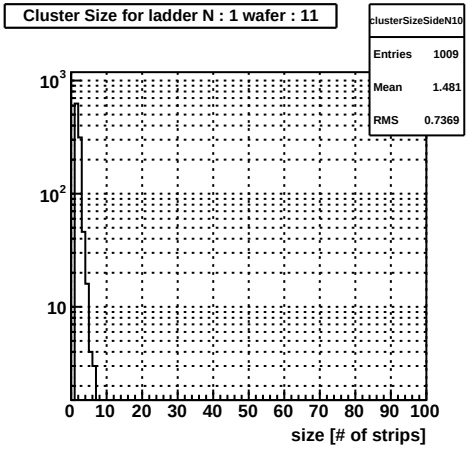

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1456
Mean 1.521
RMS 0.8268
size [# of strips]

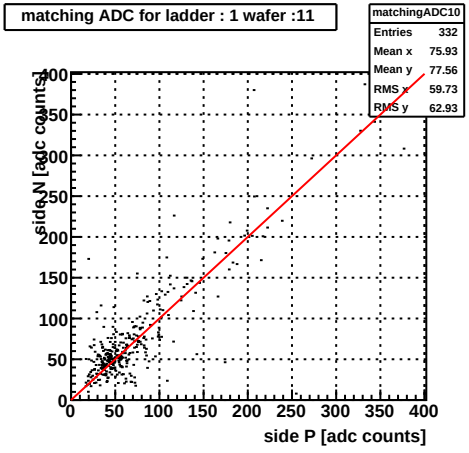

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 956
Mean x 71.46
Mean y 79.07
RMS x 57.12
RMS y 64.57
side N [adc counts]
side P [adc counts]

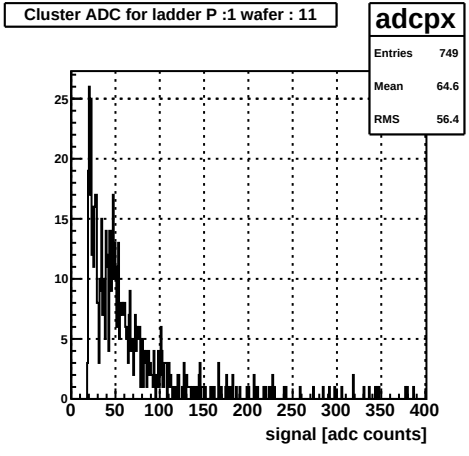

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1777
Mean 49.47
RMS 43.06
signal [adc counts]

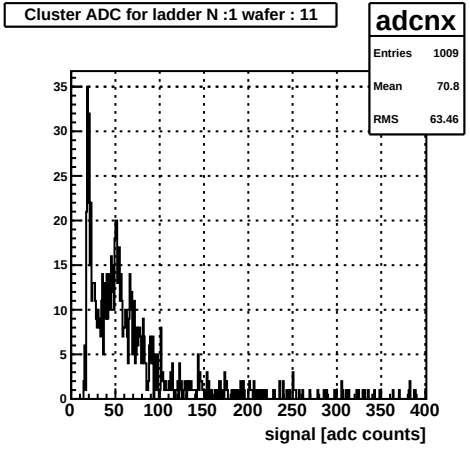

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1456
Mean 69.88
RMS 60.74
signal [adc counts]

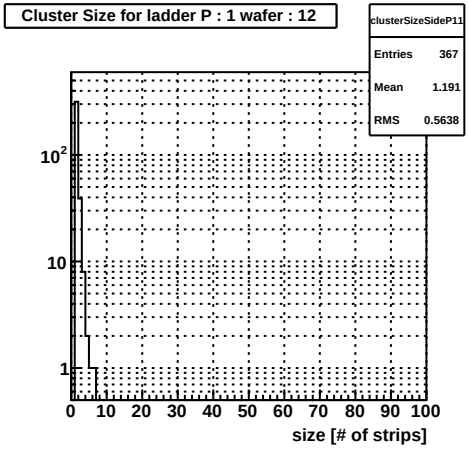

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 749
Mean 1.228
RMS 0.5394
size [# of strips]

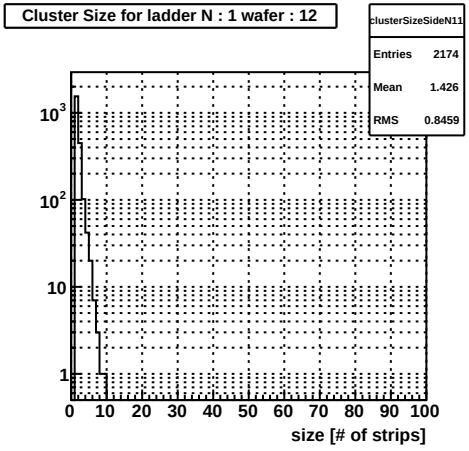

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1009
Mean 1.481
RMS 0.7369
size [# of strips]

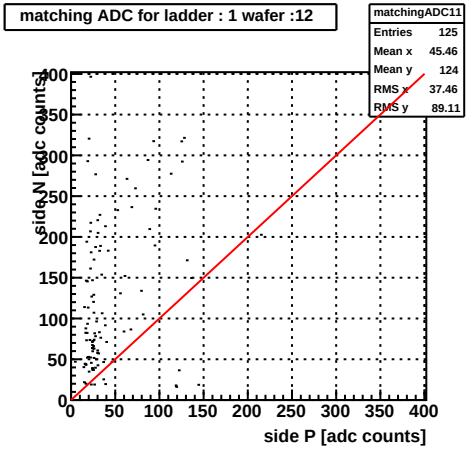

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 332
Mean x 75.93
Mean y 77.56
RMS x 59.73
RMS y 62.93
side N [adc counts]
side P [adc counts]

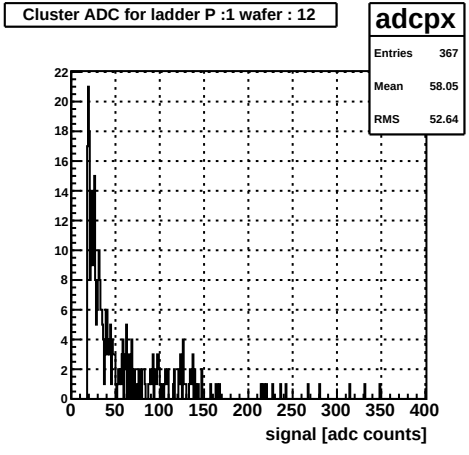

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 749
Mean 64.6
RMS 56.4
signal [adc counts]

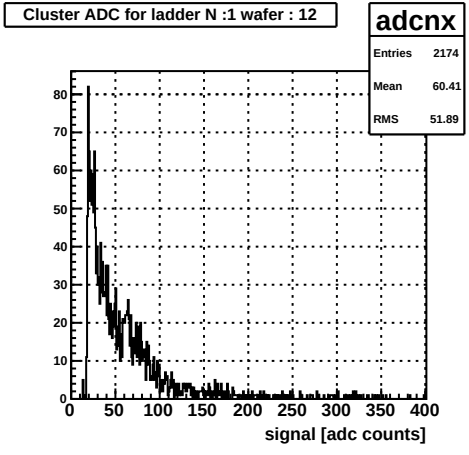

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1009
Mean 70.8
RMS 63.46
signal [adc counts]

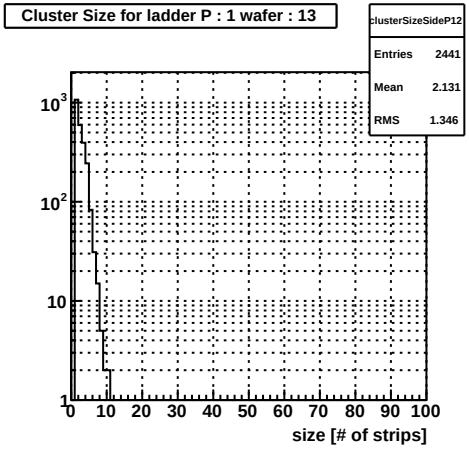

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 367
Mean 1.191
RMS 0.5638
size [# of strips]

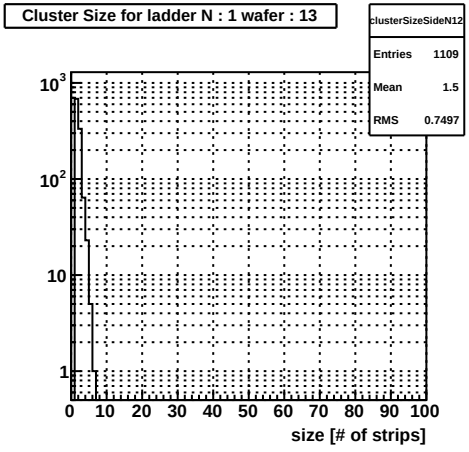

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 2174
Mean 1.426
RMS 0.8459
size [# of strips]

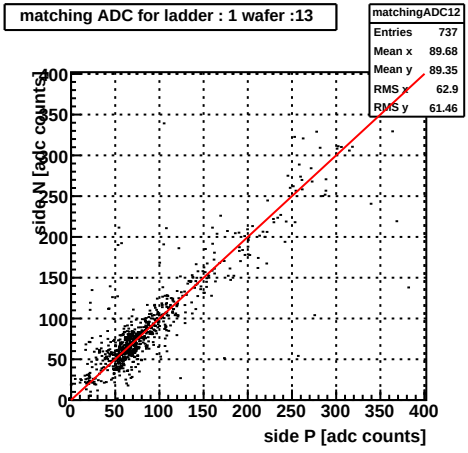

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 125
Mean x 45.46
Mean y 124
RMS x 37.46
RMS y 89.11
side N [adc counts]
side P [adc counts]

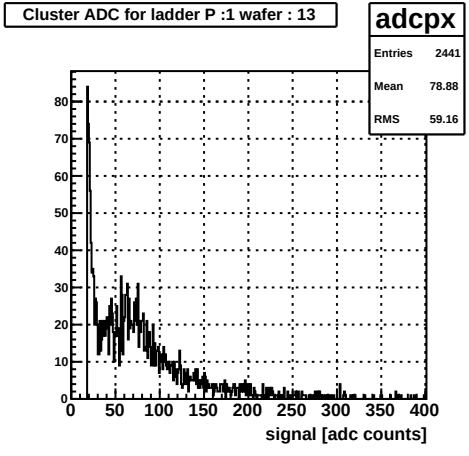

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 367
Mean 58.05
RMS 52.64
signal [adc counts]

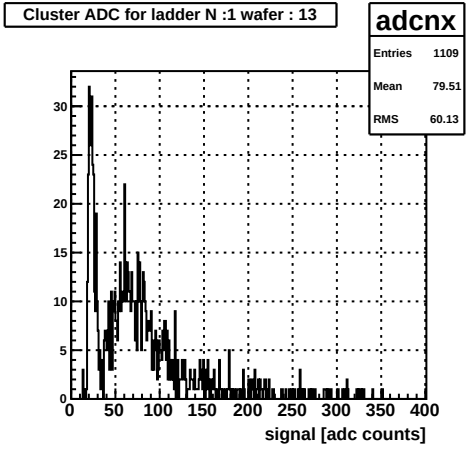

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 2174
Mean 60.41
RMS 51.89
signal [adc counts]

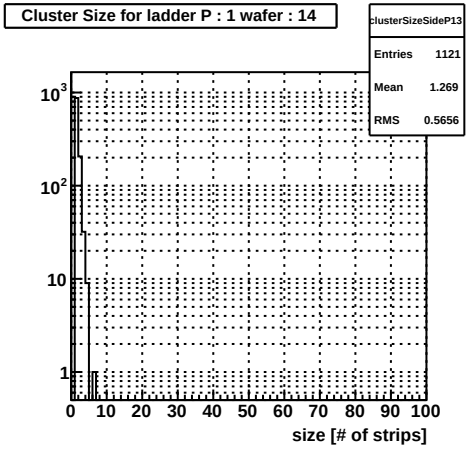

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 2441
Mean 2.131
RMS 1.346
size [# of strips]

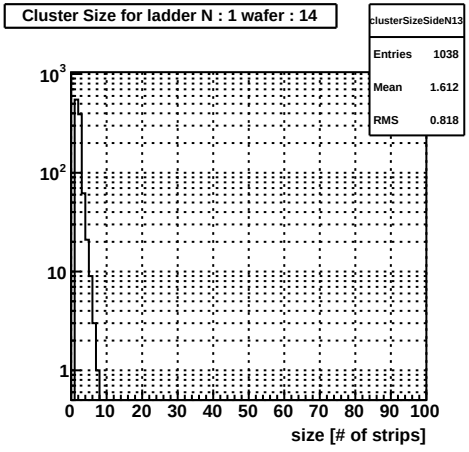

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1109
Mean 1.5
RMS 0.7497
size [# of strips]

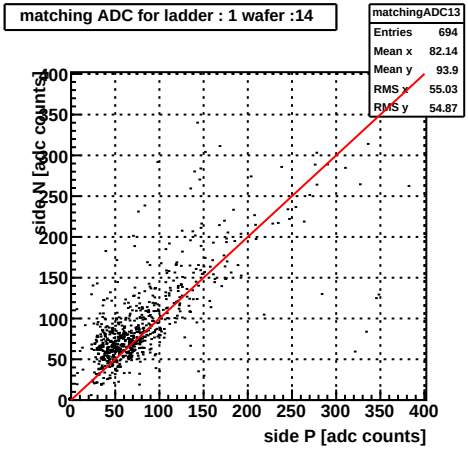

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 737
Mean x 89.68
Mean y 89.35
RMS x 62.9
RMS y 61.46
side N [adc counts]
side P [adc counts]

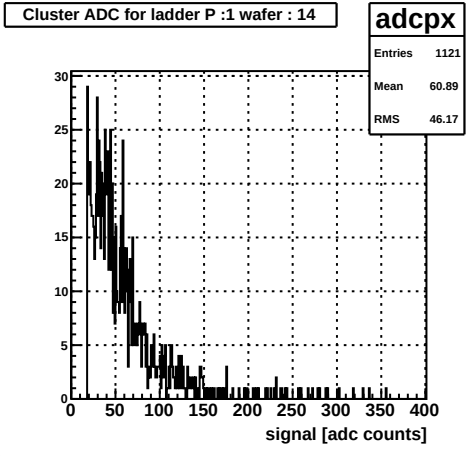

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 2441
Mean 78.88
RMS 59.16
signal [adc counts]

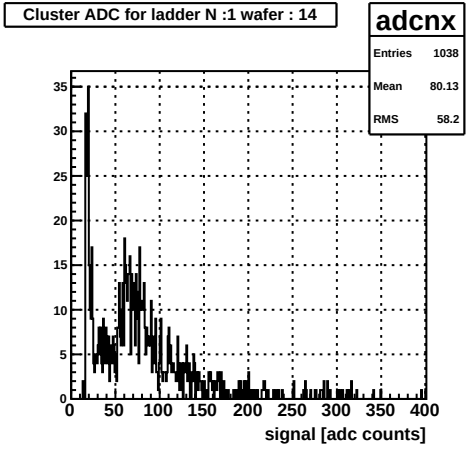

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1109
Mean 79.51
RMS 60.13
signal [adc counts]

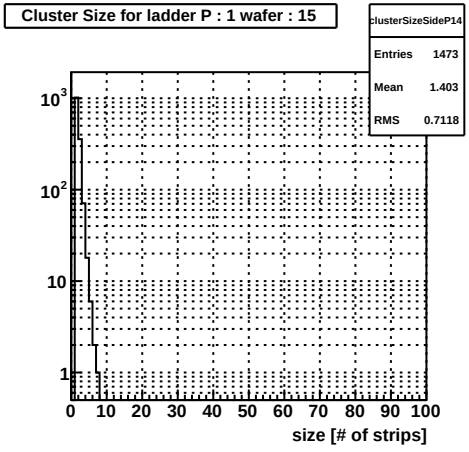

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1121
Mean 1.269
RMS 0.5656
size [# of strips]

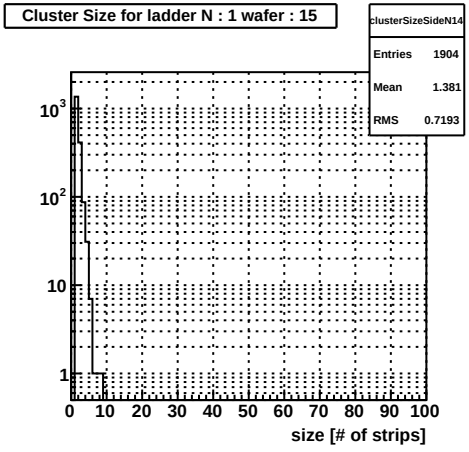

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1038
Mean 1.612
RMS 0.818
size [# of strips]

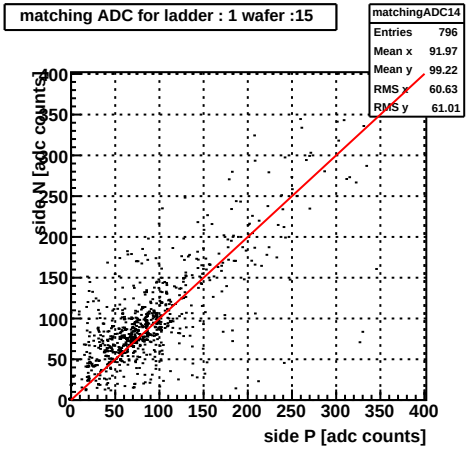

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 694
Mean x 82.14
Mean y 93.9
RMS x 55.03
RMS y 54.87
side N [adc counts]
side P [adc counts]

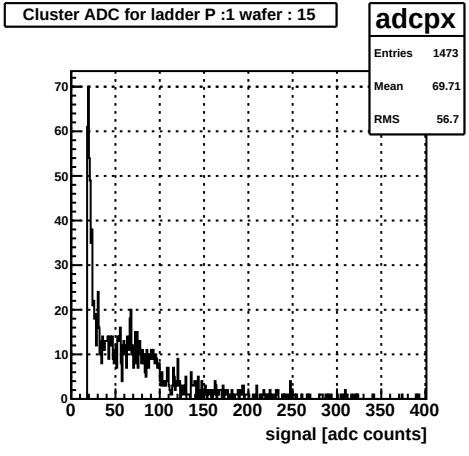

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1121
Mean 60.89
RMS 46.17
signal [adc counts]

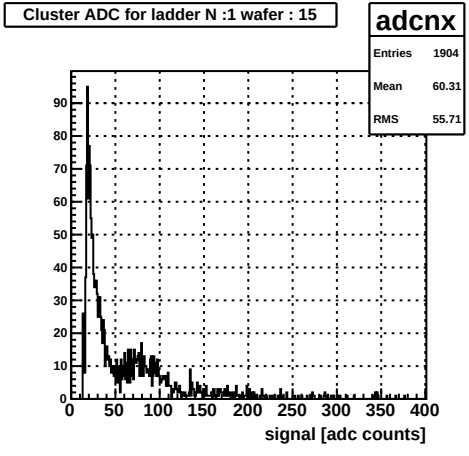

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1038
Mean 80.13
RMS 58.2
signal [adc counts]

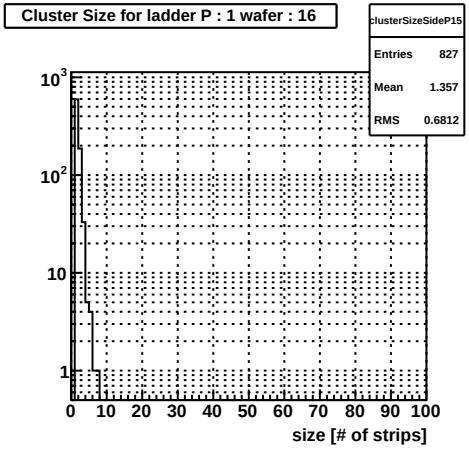

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1473
Mean 1.403
RMS 0.7118
size [# of strips]

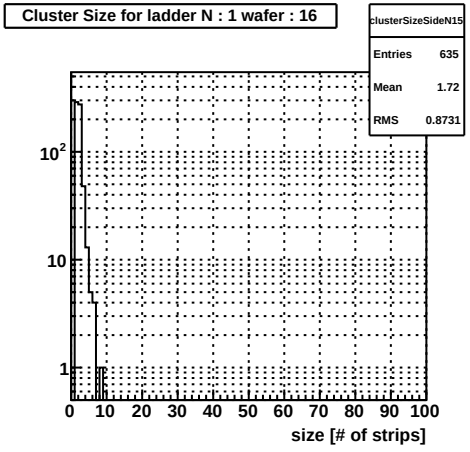

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 1904
Mean 1.381
RMS 0.7193
size [# of strips]

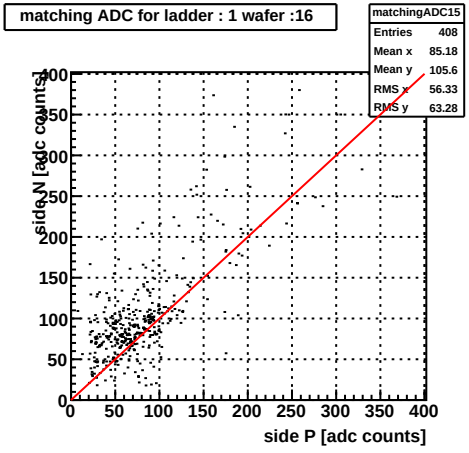

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 796
Mean x 91.97
Mean y 99.22
RMS x 60.63
RMS y 61.01
side N [adc counts]
side P [adc counts]

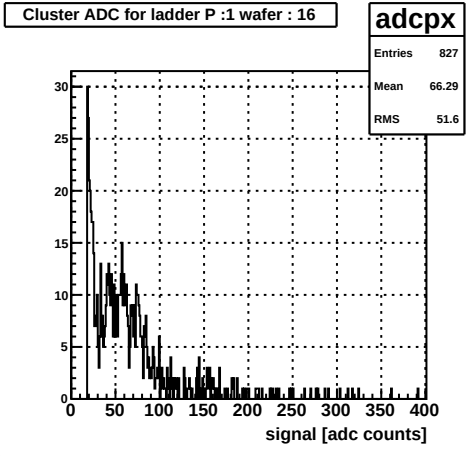

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1473
Mean 69.71
RMS 56.7
signal [adc counts]

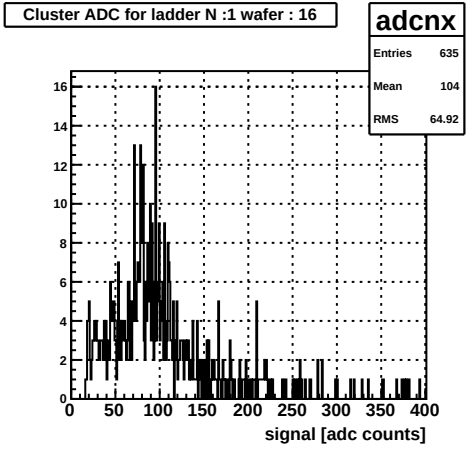

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 1904
Mean 60.31
RMS 55.71
signal [adc counts]

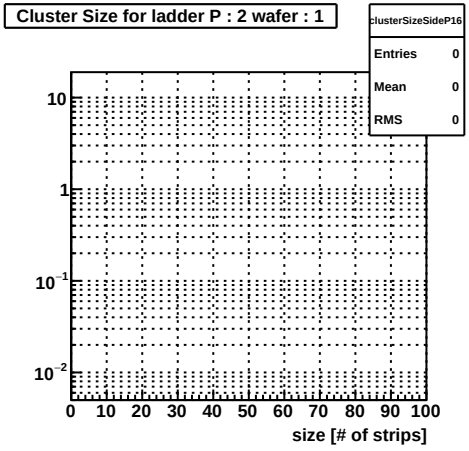

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 827
Mean 1.357
RMS 0.6812
size [# of strips]

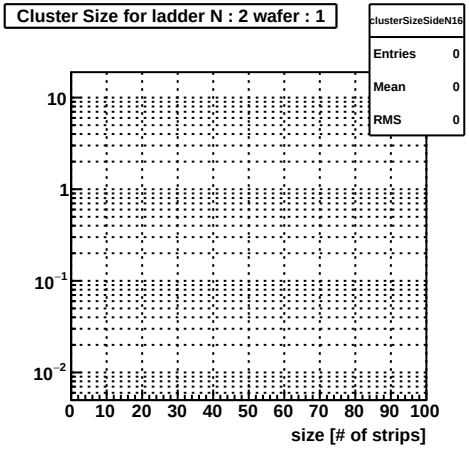

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 635
Mean 1.72
RMS 0.8731
size [# of strips]

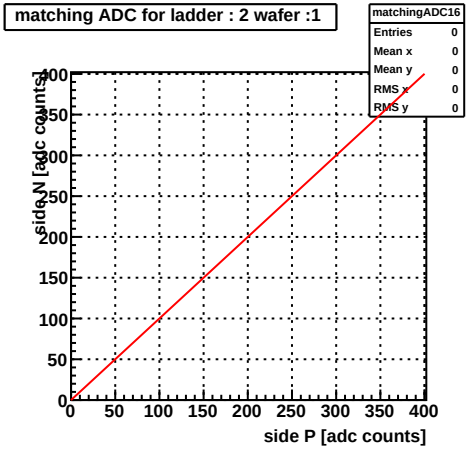

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 408
Mean x 85.18
Mean y 105.6
RMS x 56.33
RMS y 63.28
side N [adc counts]
side P [adc counts]

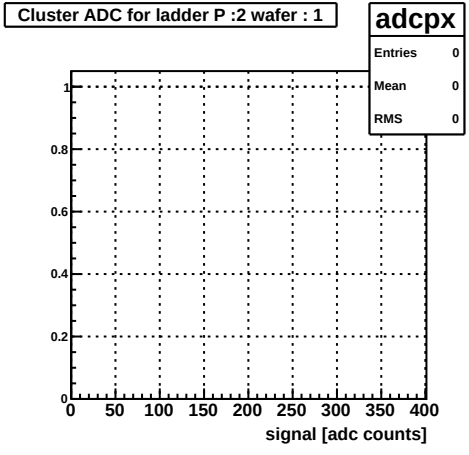

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 827
Mean 66.29
RMS 51.6
signal [adc counts]

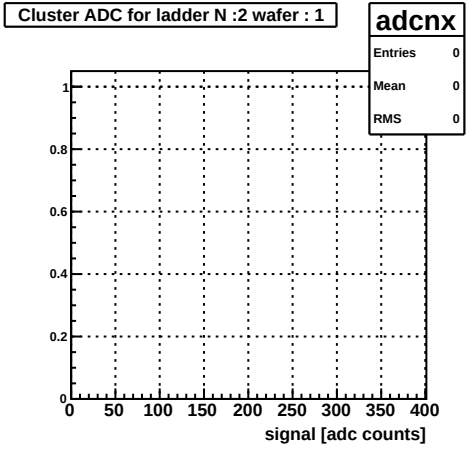

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 635
Mean 104
RMS 64.92
signal [adc counts]

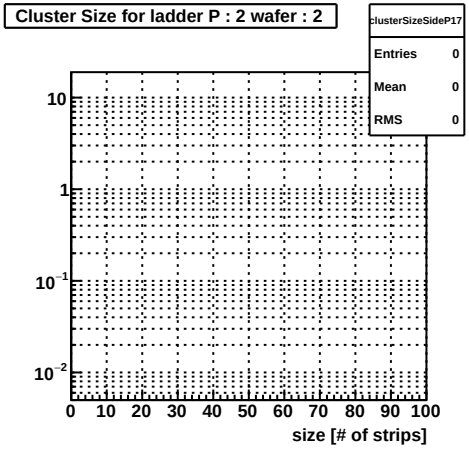

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

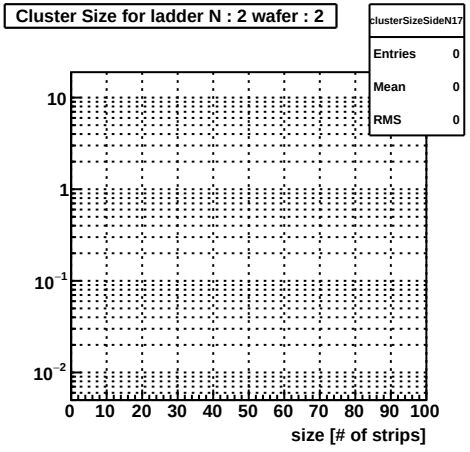

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

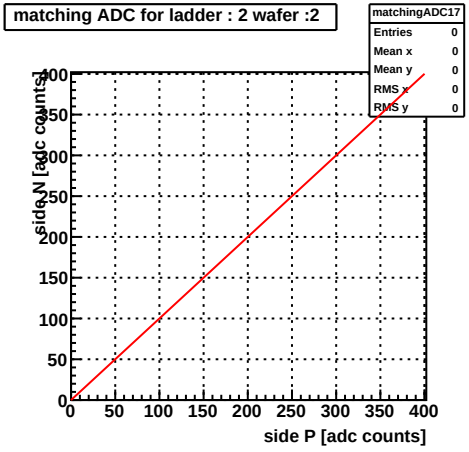

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

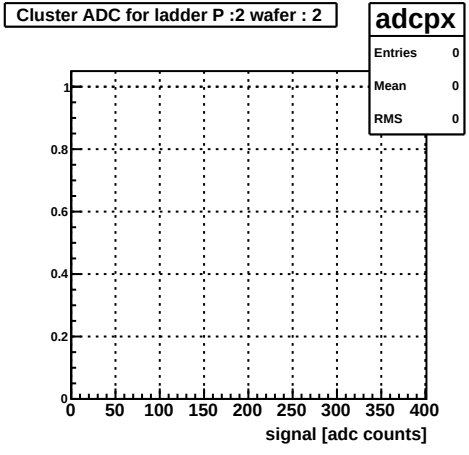

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

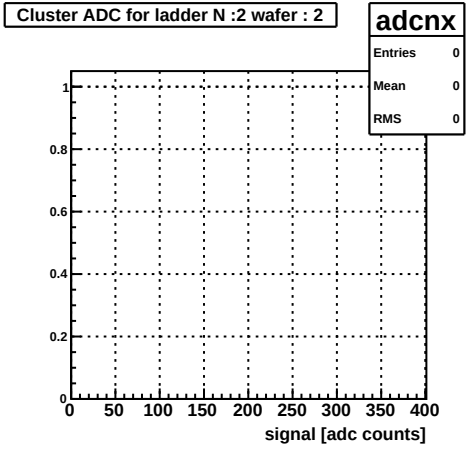

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

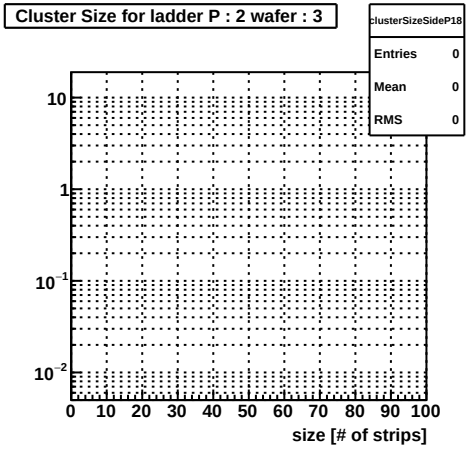

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

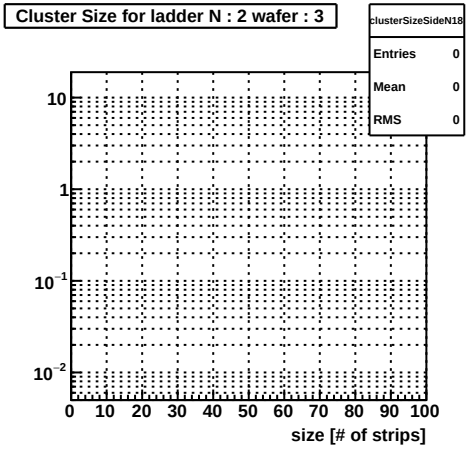

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

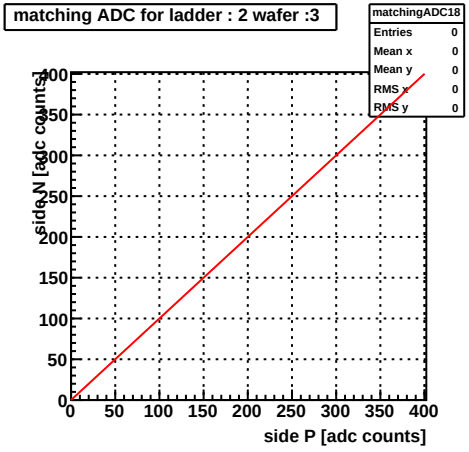

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

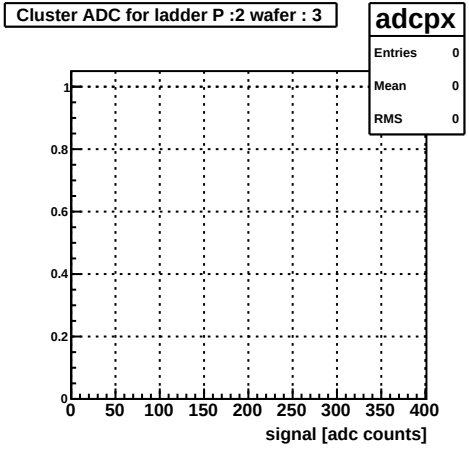

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

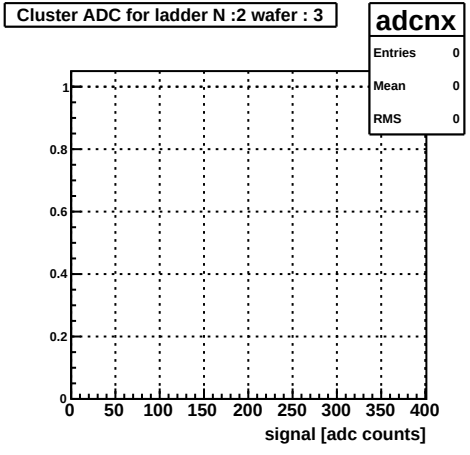

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

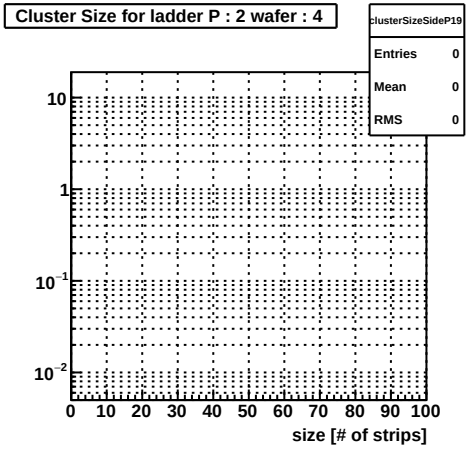

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

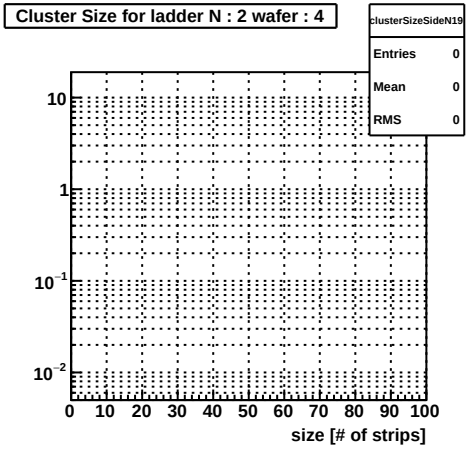

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

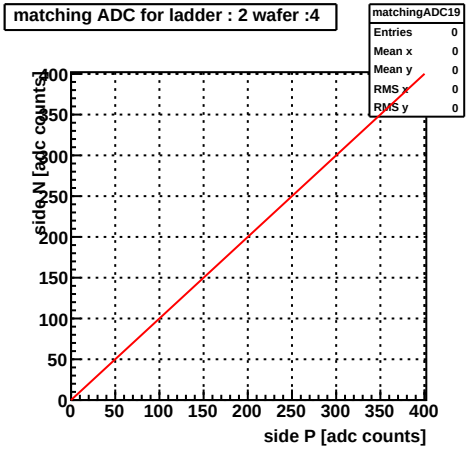

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

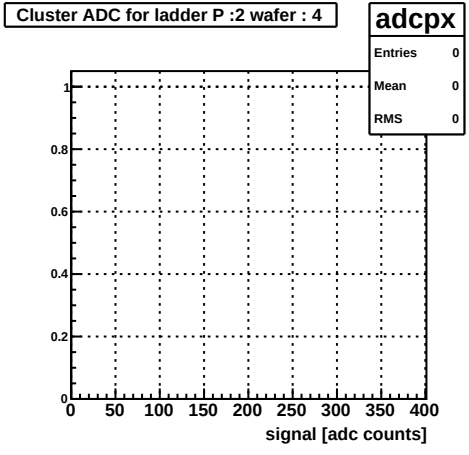

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

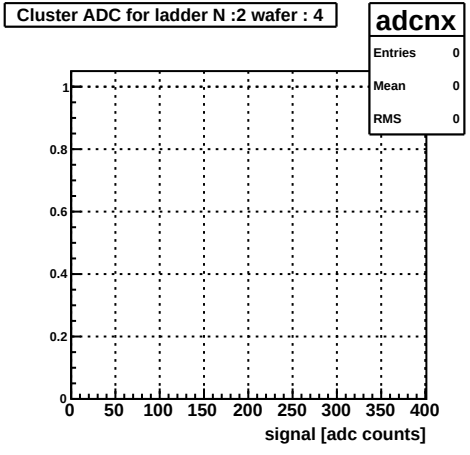

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

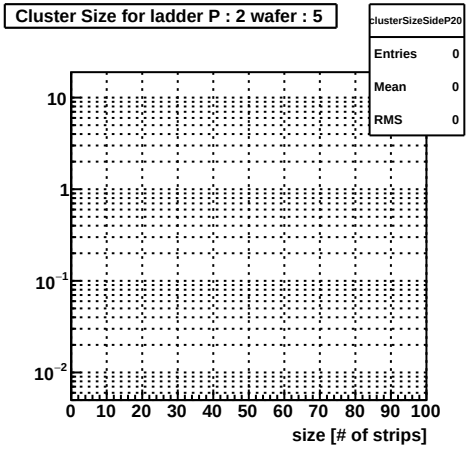

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

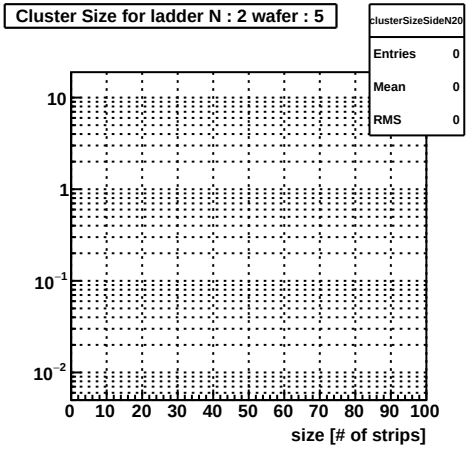

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

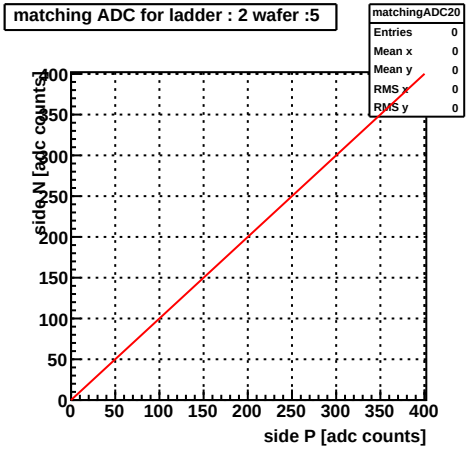

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

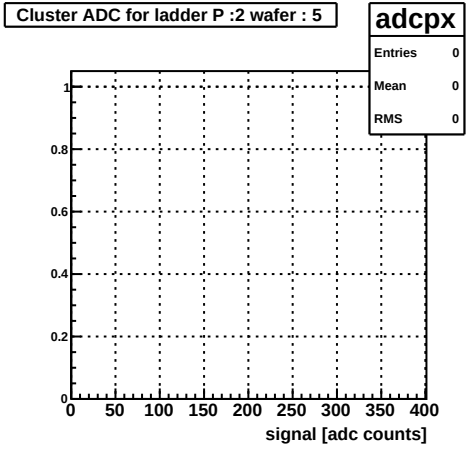

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

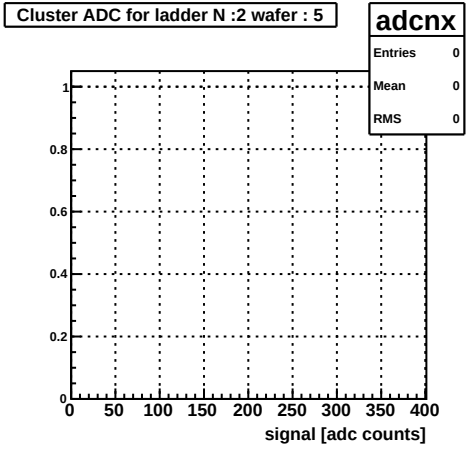

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

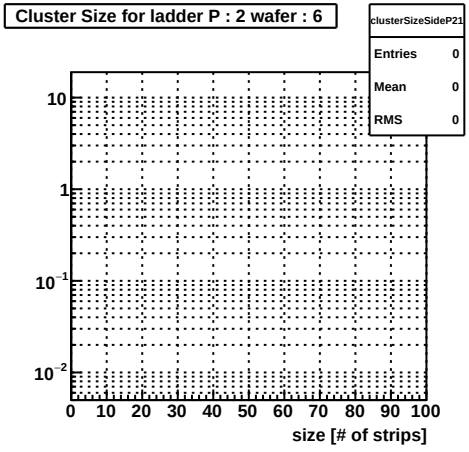

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

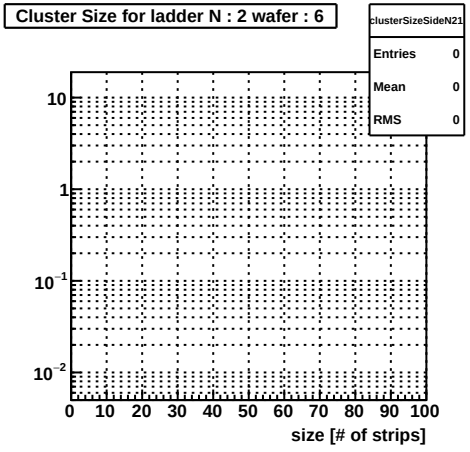

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

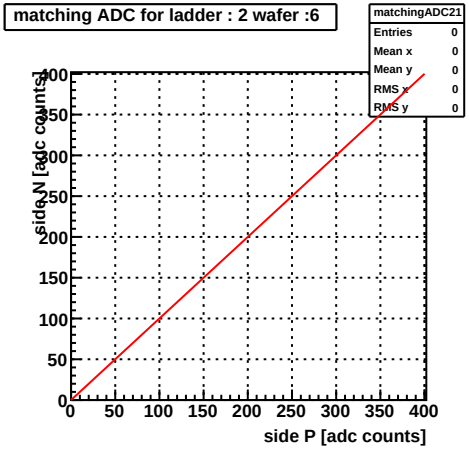

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

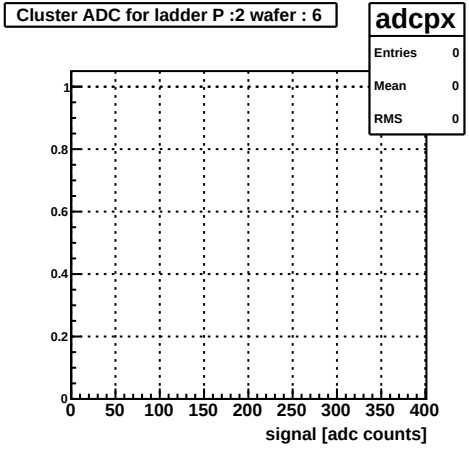

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

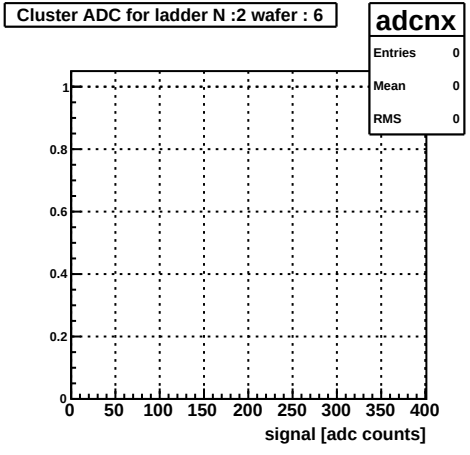

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

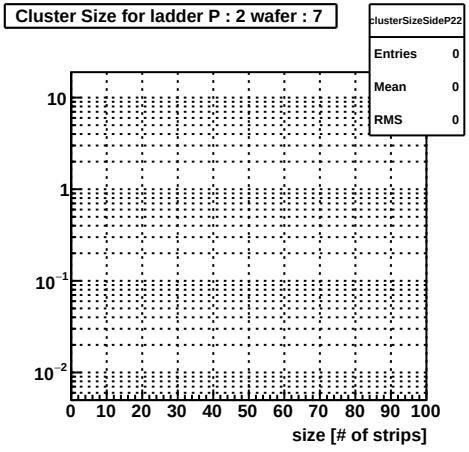

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

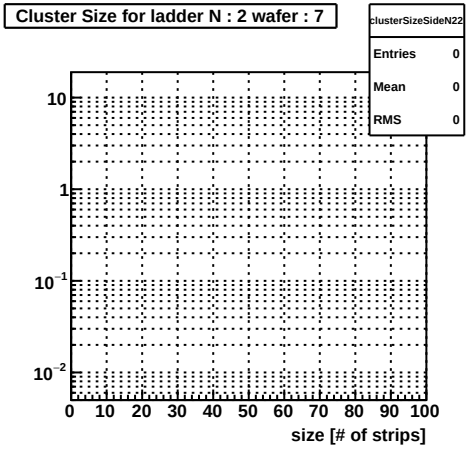

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

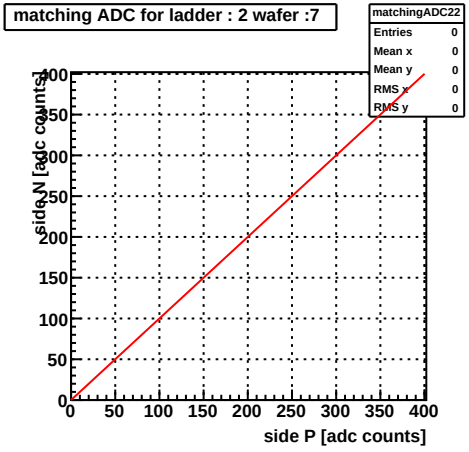

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

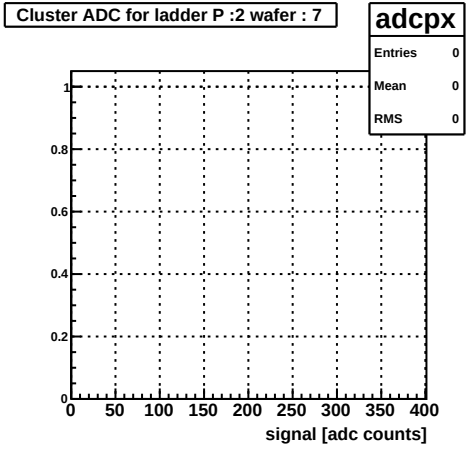

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

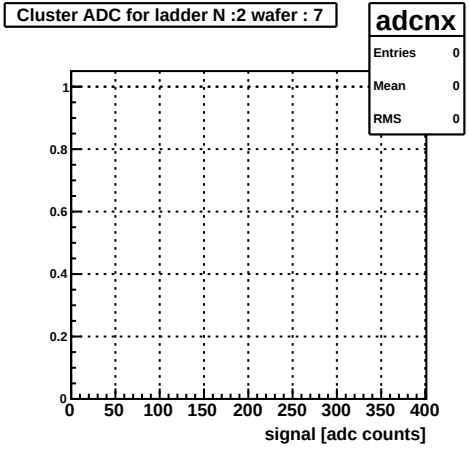

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

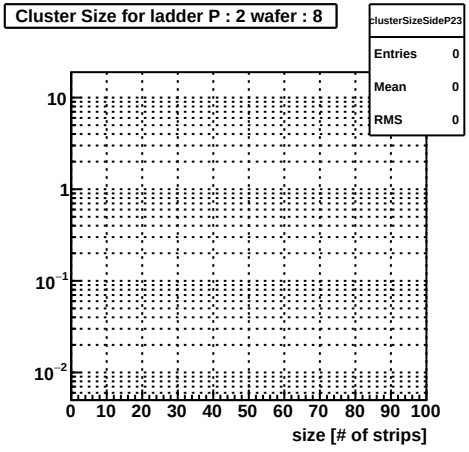

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

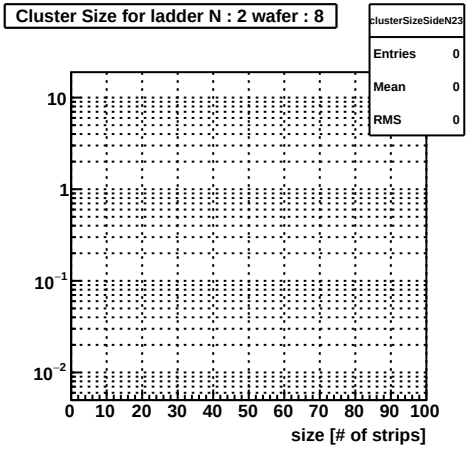

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

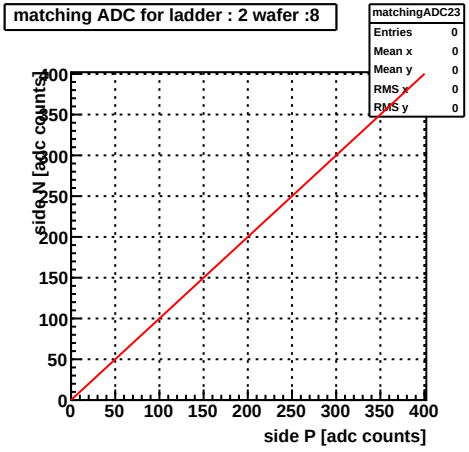

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

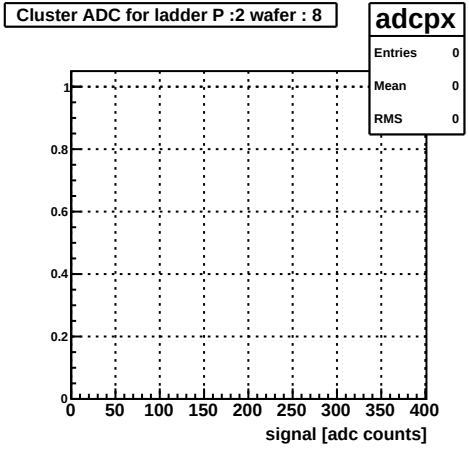

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

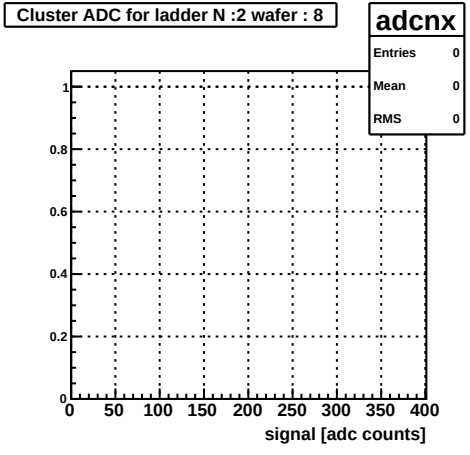

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

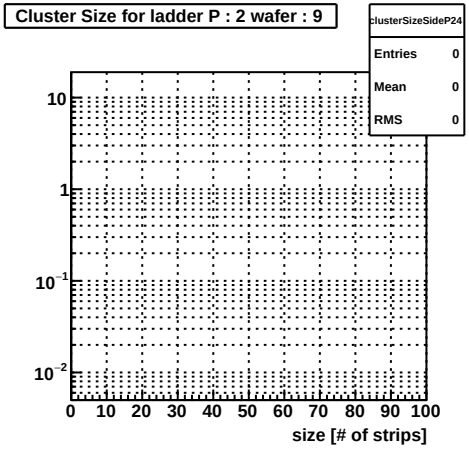

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

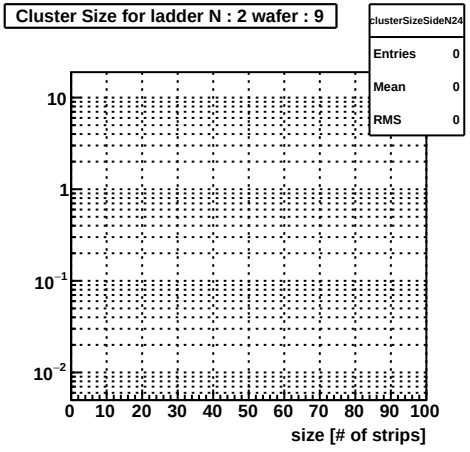

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

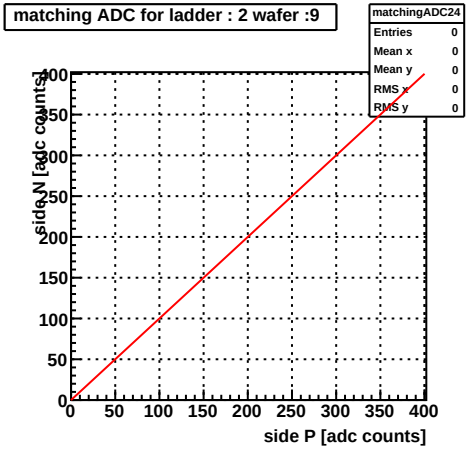

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

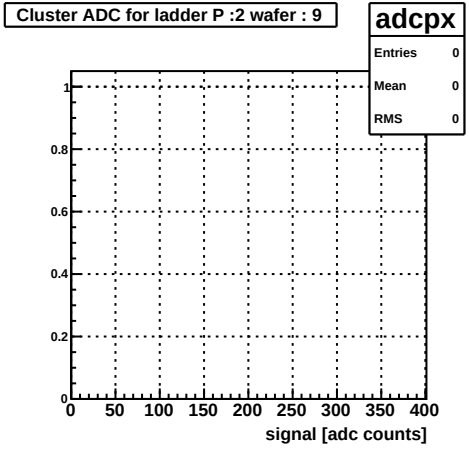

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

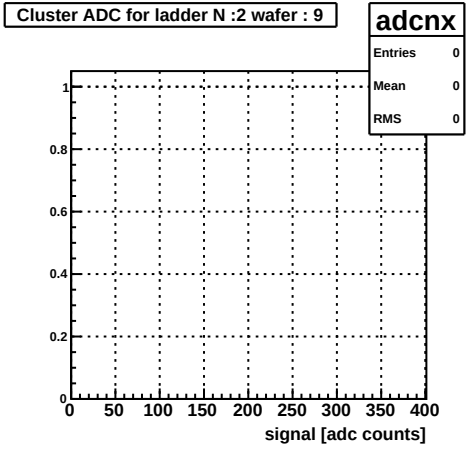

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

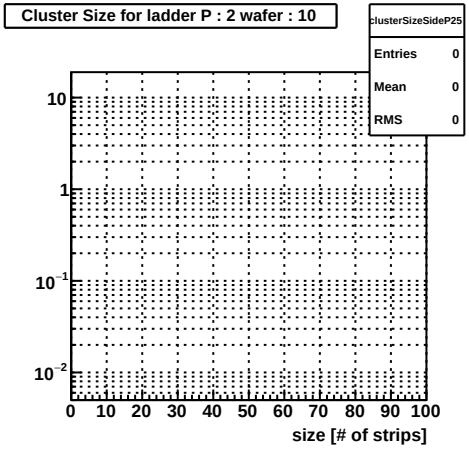

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

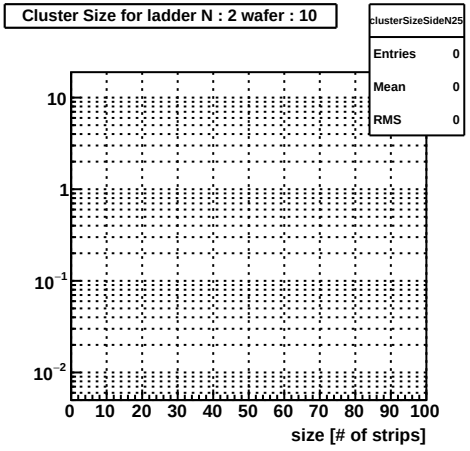

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

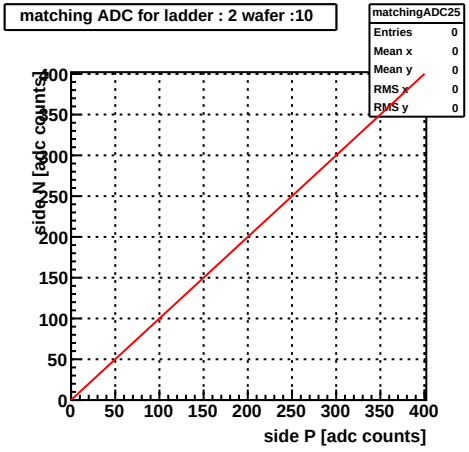

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

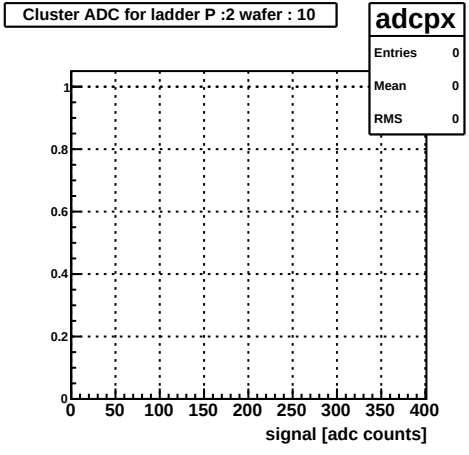

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

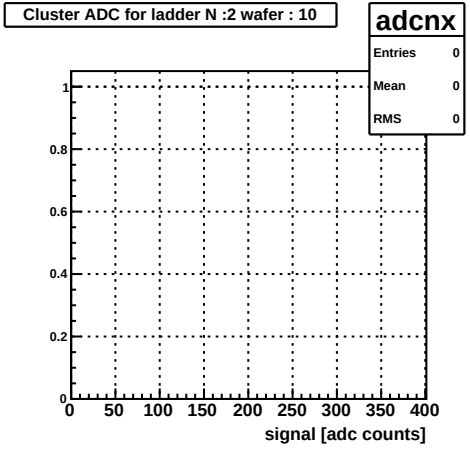

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

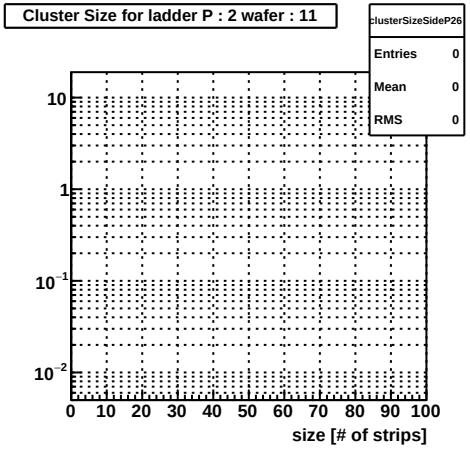

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

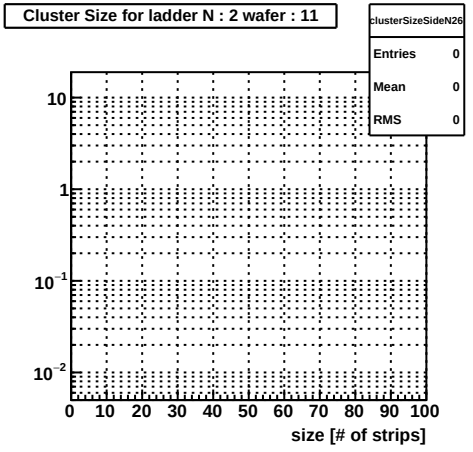

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

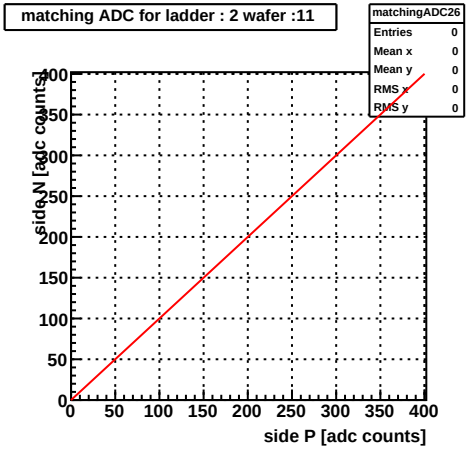

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

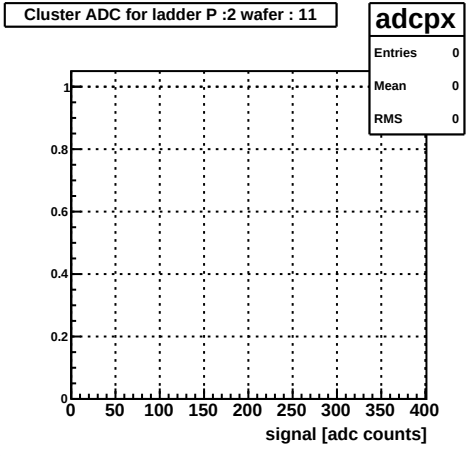

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

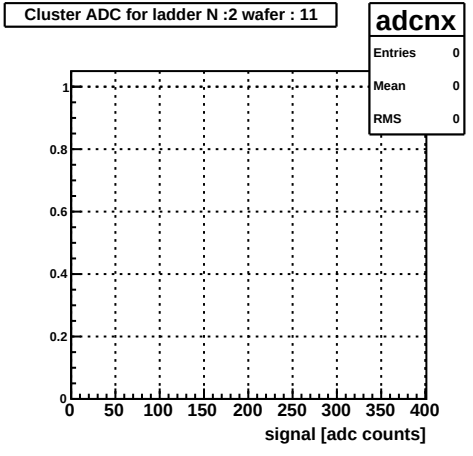

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

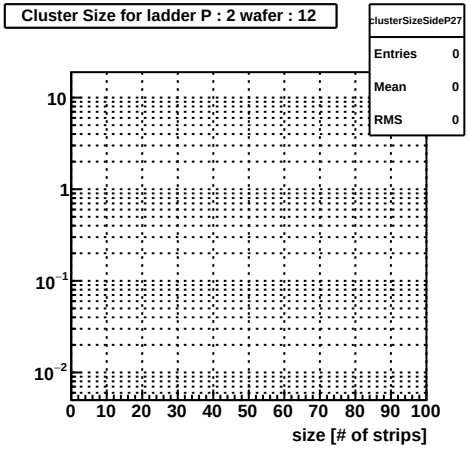

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

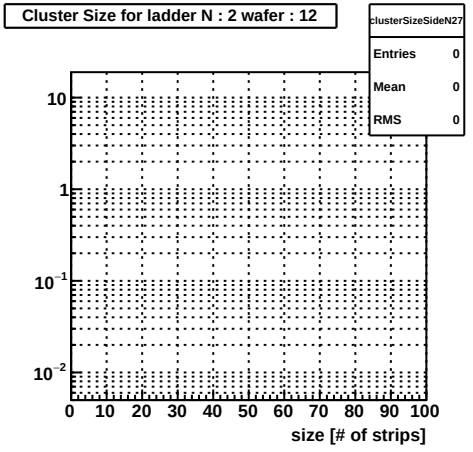

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

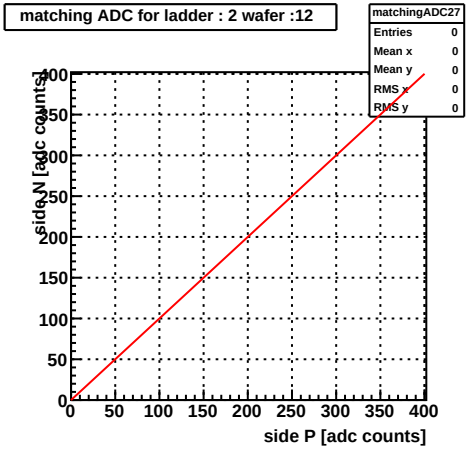

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

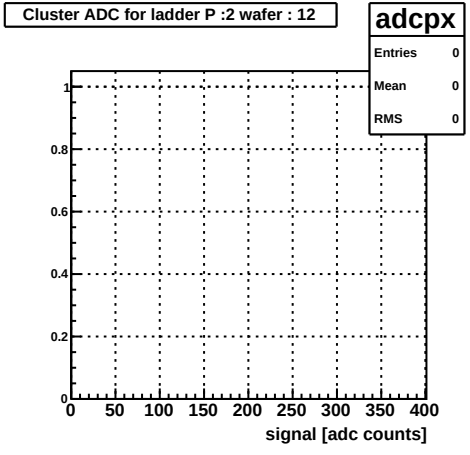

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

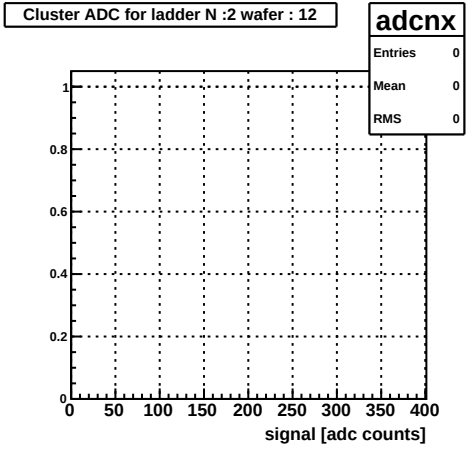

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

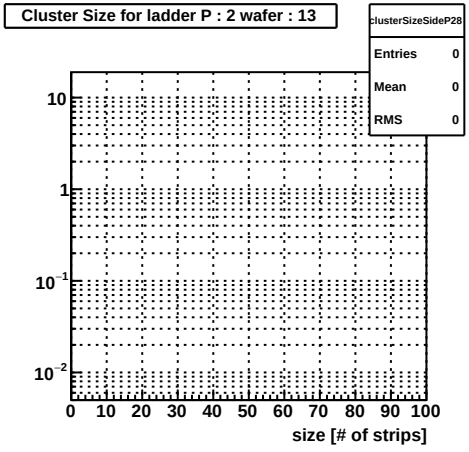

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

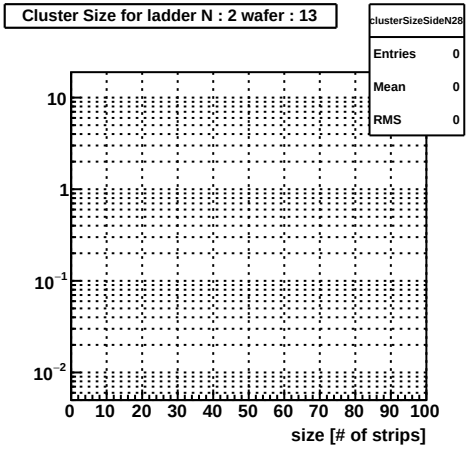

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

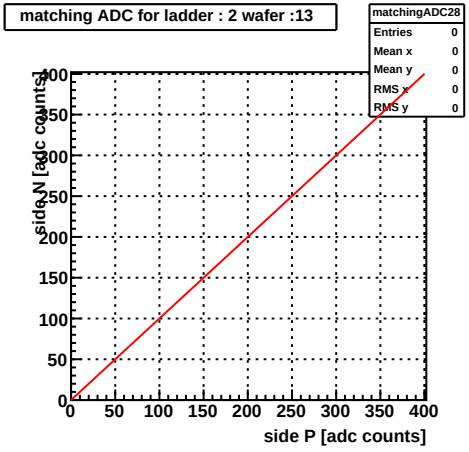

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

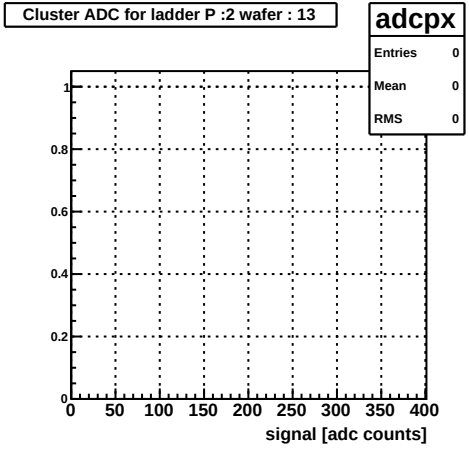

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

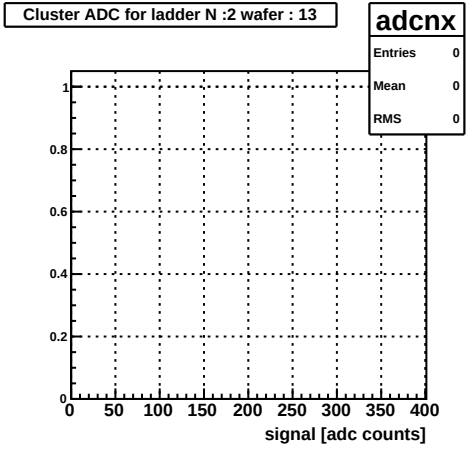

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

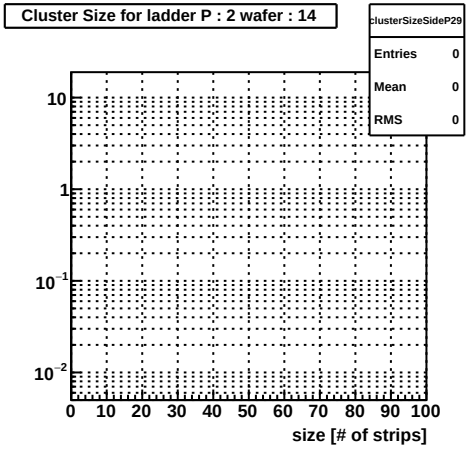

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

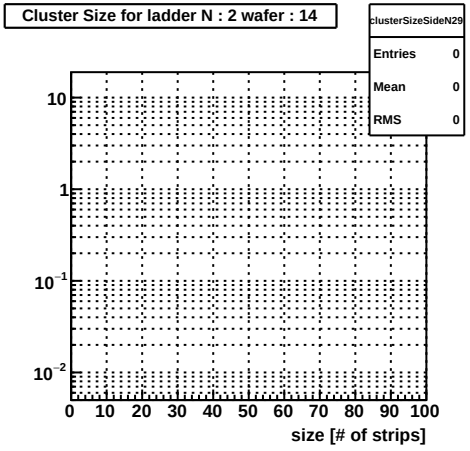

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

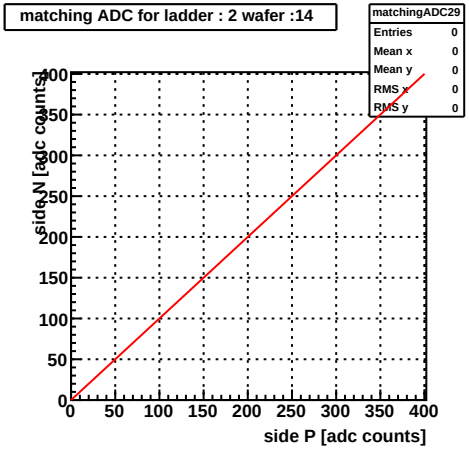

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

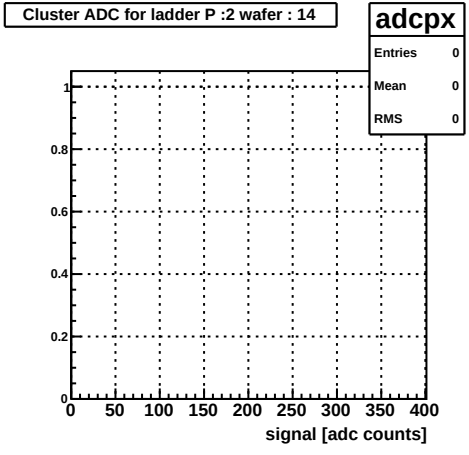

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

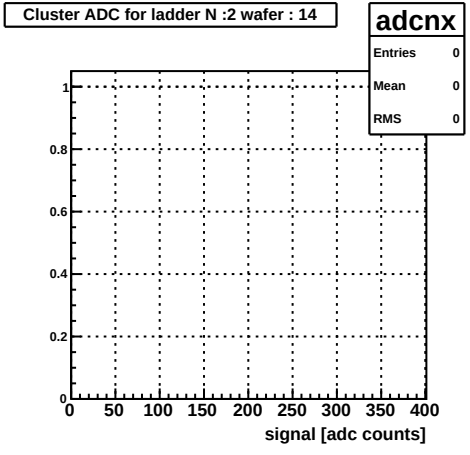

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

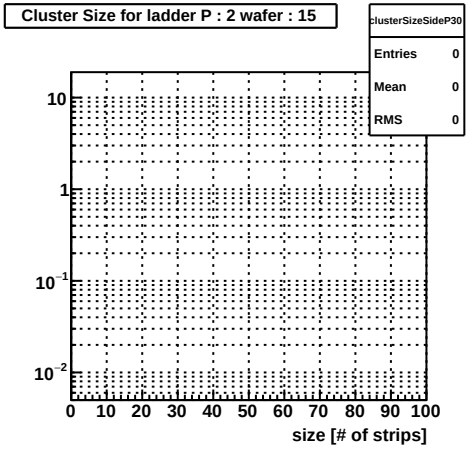

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

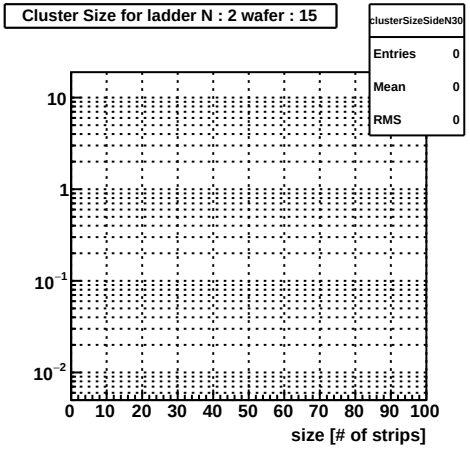

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

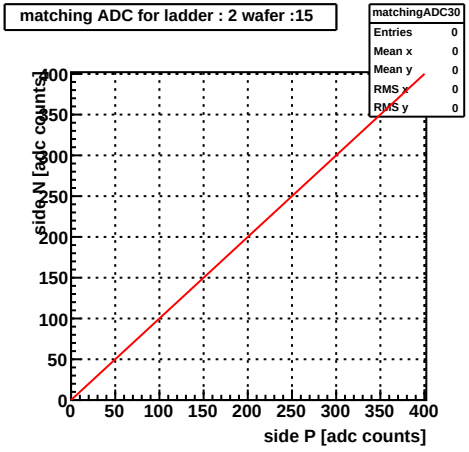

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

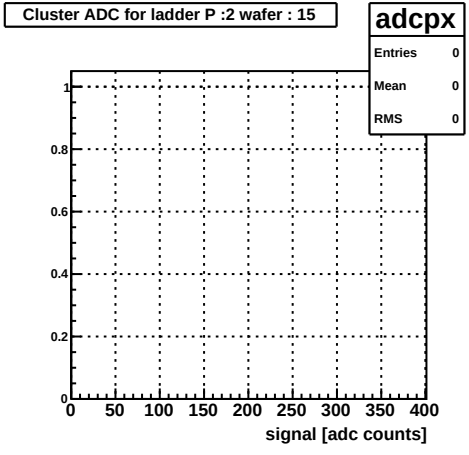

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

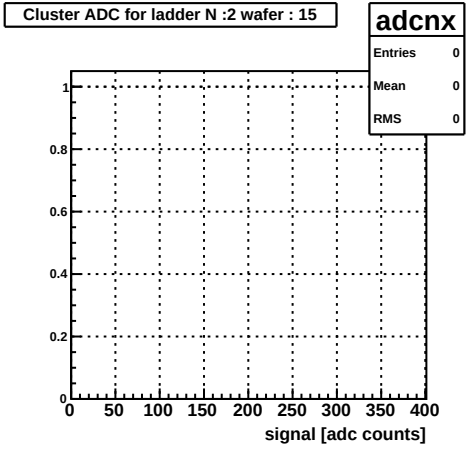

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

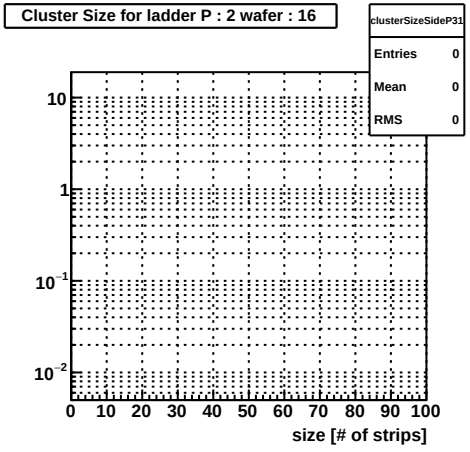

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

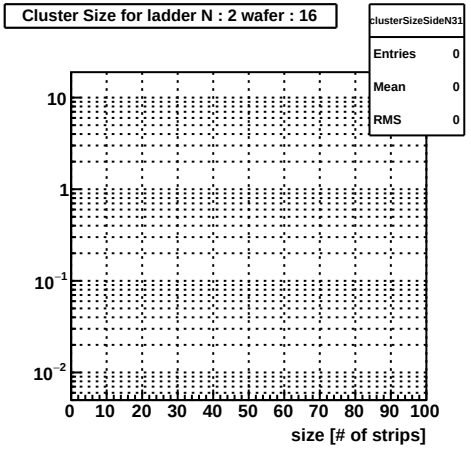

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

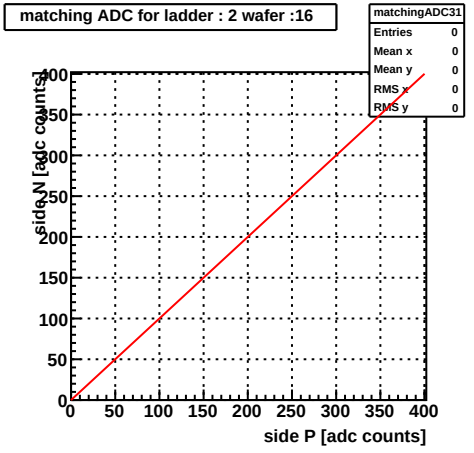

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

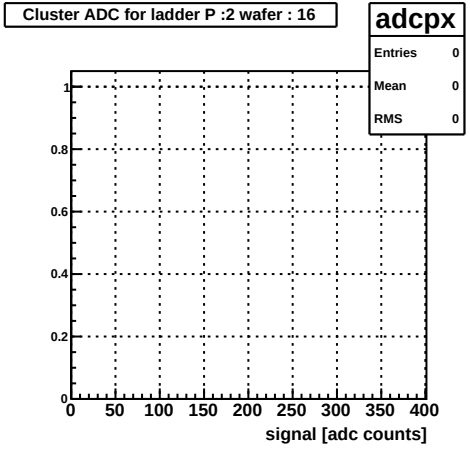

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

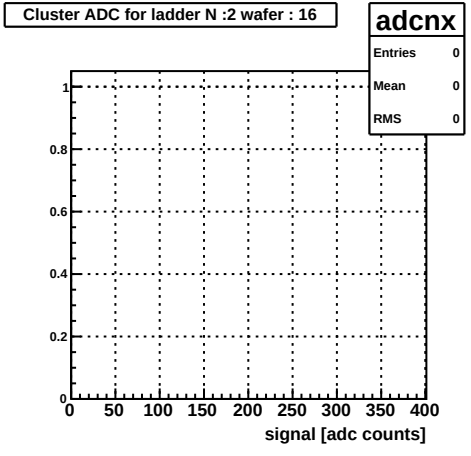

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

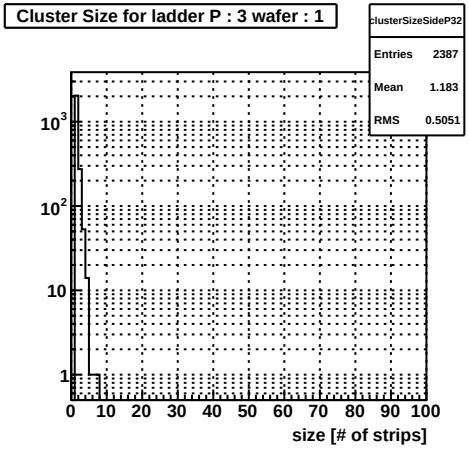

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

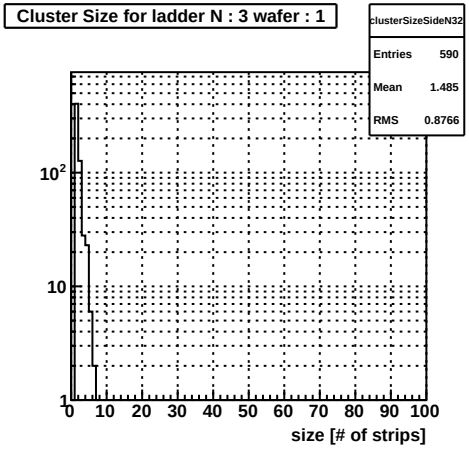

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

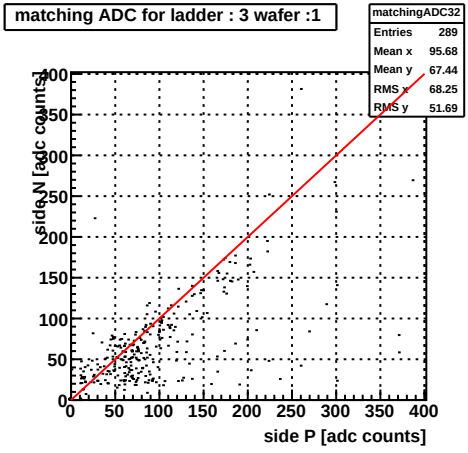

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

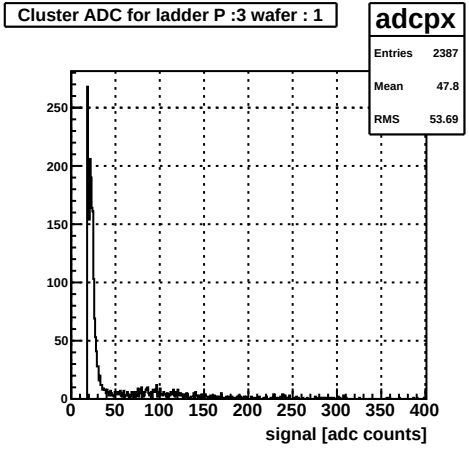

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

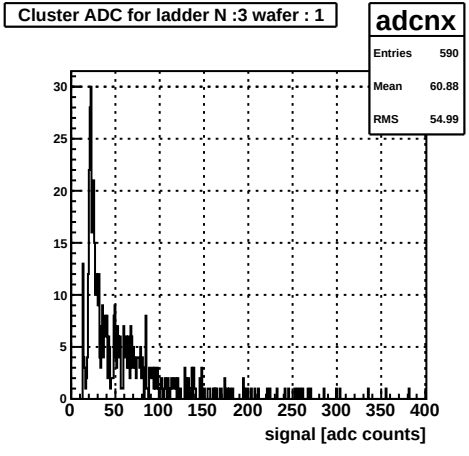

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

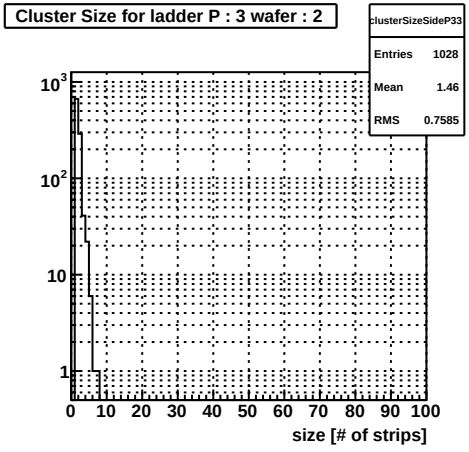

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 2387
Mean 1.183
RMS 0.5051
size [# of strips]

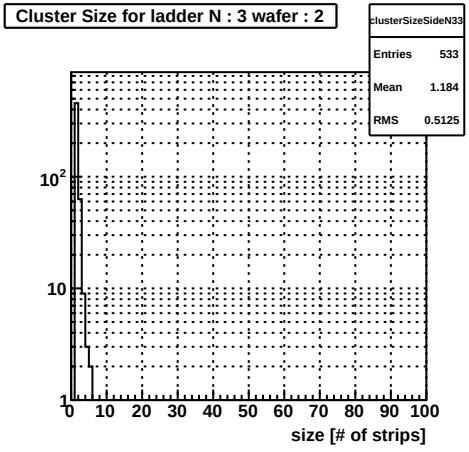

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 590
Mean 1.485
RMS 0.8766
size [# of strips]

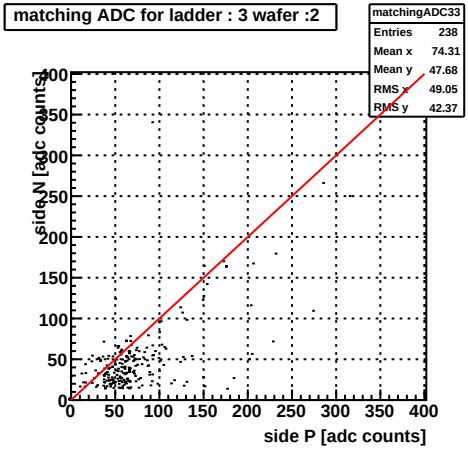

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 289
Mean x 95.68
Mean y 67.44
RMS x 68.25
RMS y 51.69
side N [adc counts]
side P [adc counts]

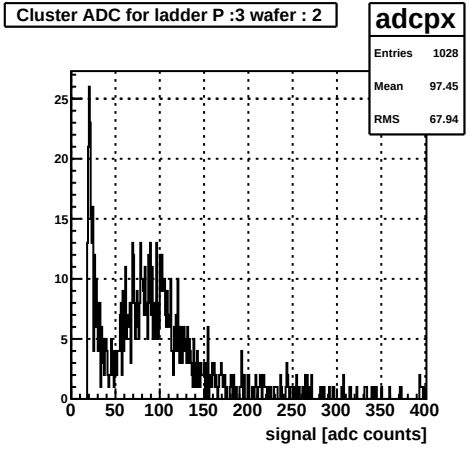

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 2387
Mean 47.8
RMS 53.69
signal [adc counts]

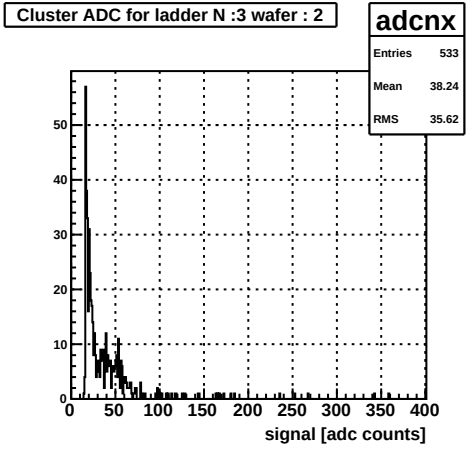

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 590
Mean 60.88
RMS 54.99
signal [adc counts]

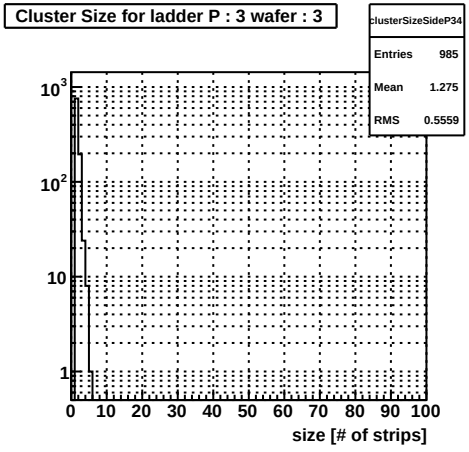

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1028
Mean 1.46
RMS 0.7585
size [# of strips]

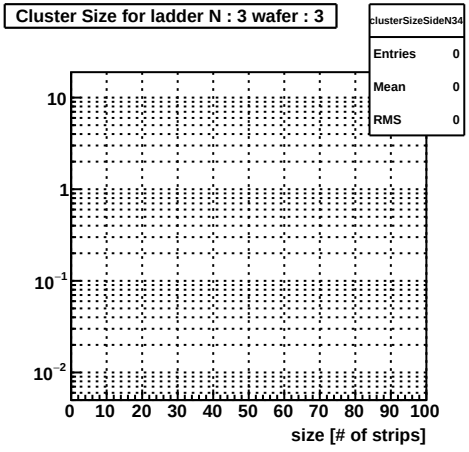

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 533
Mean 1.184
RMS 0.5125
size [# of strips]

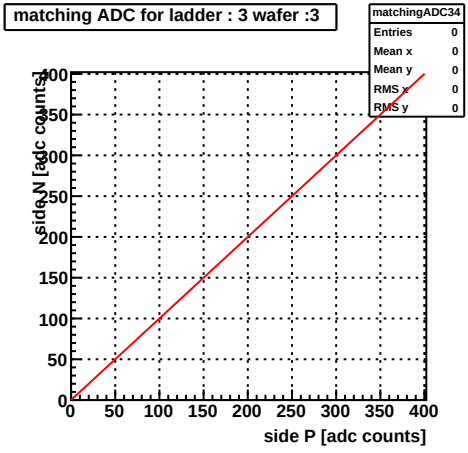

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 238
Mean x 74.31
Mean y 47.68
RMS x 49.05
RMS y 42.37
side N [adc counts]
side P [adc counts]

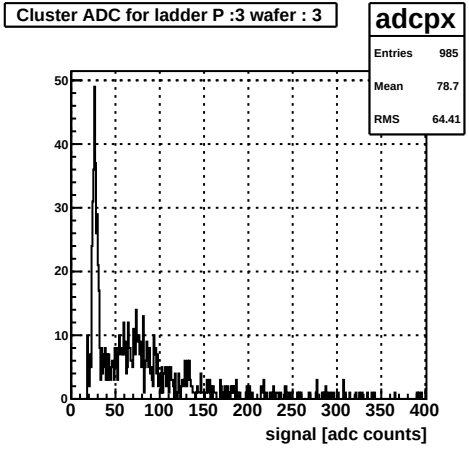

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1028
Mean 97.45
RMS 67.94
signal [adc counts]

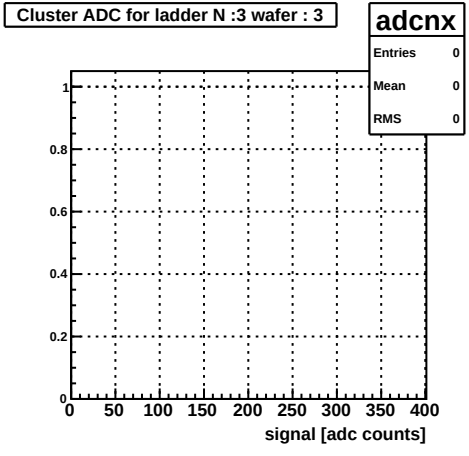

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 533
Mean 38.24
RMS 35.62
signal [adc counts]

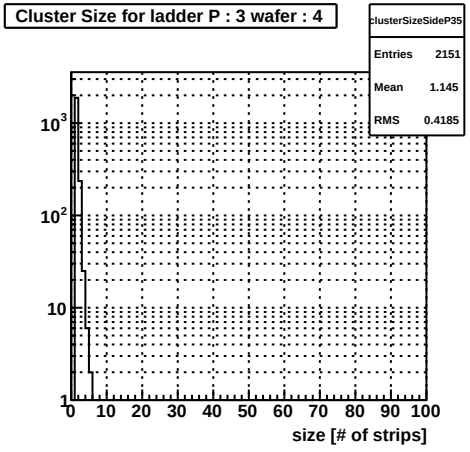

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 985
Mean 1.275
RMS 0.5559
size [# of strips]

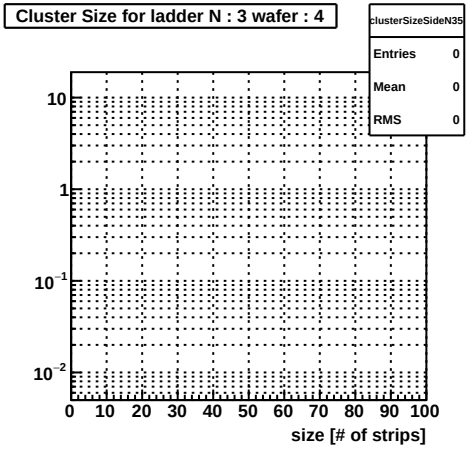

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

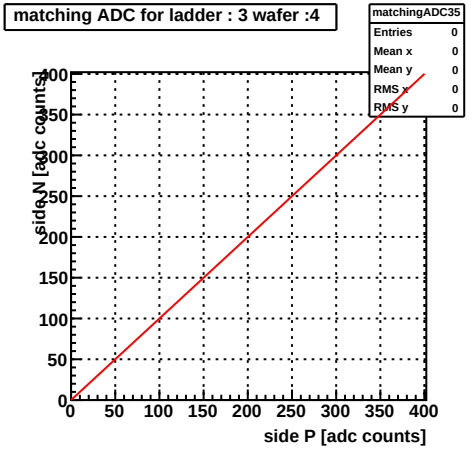

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

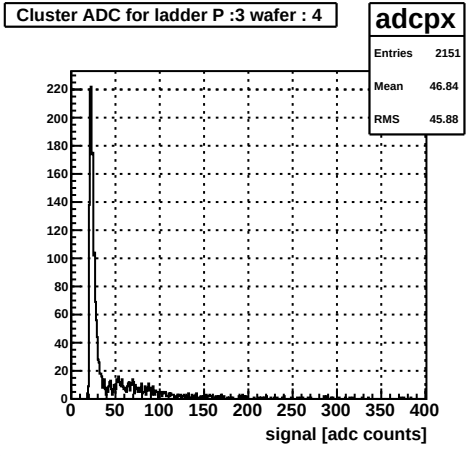

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 985
Mean 78.7
RMS 64.41
signal [adc counts]

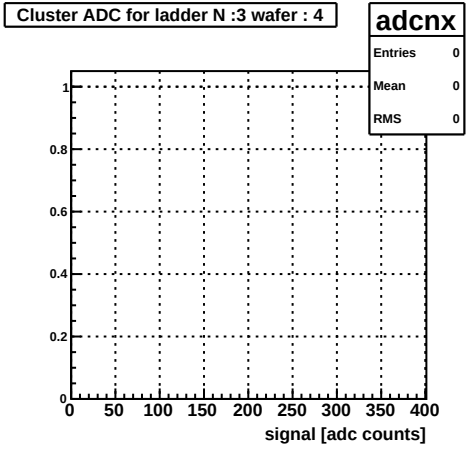

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

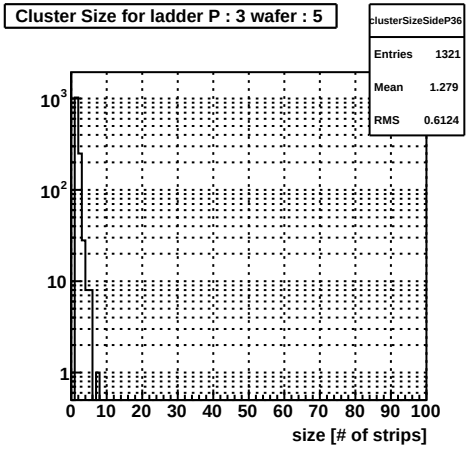

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 2151
Mean 1.145
RMS 0.4185
size [# of strips]

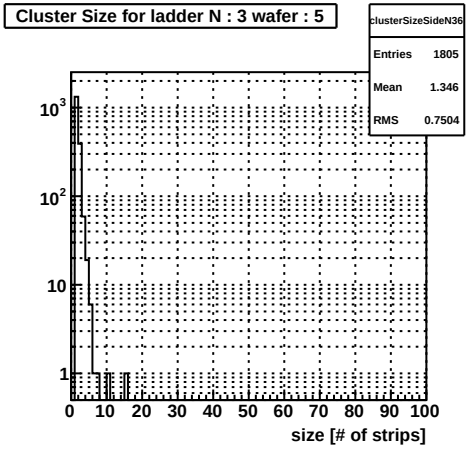

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

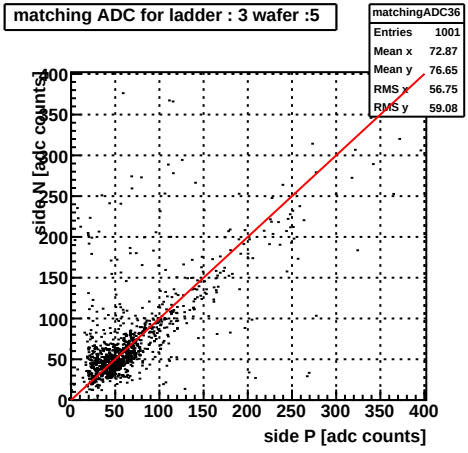

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

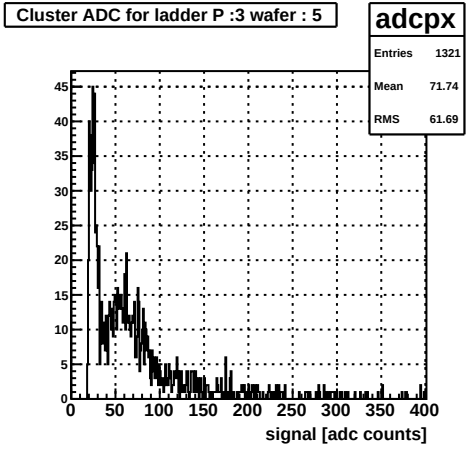

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 2151
Mean 46.84
RMS 45.88
signal [adc counts]

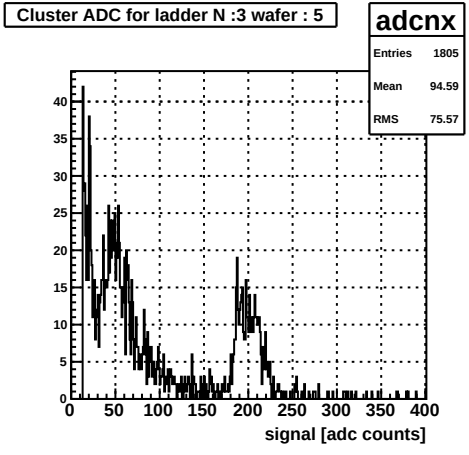

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

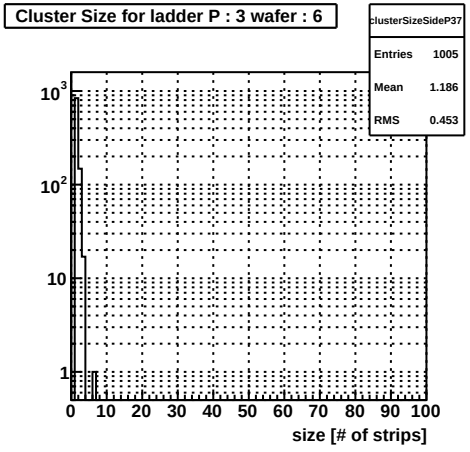

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1321
Mean 1.279
RMS 0.6124
size [# of strips]

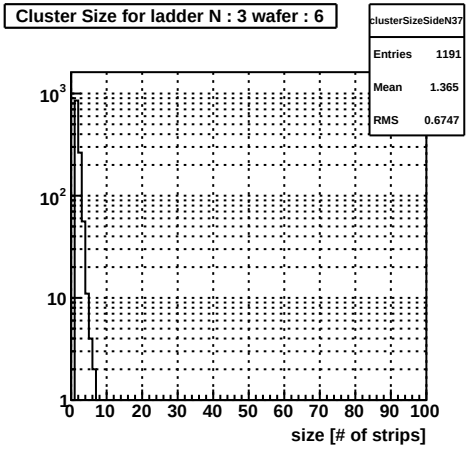

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 1805
Mean 1.346
RMS 0.7504
size [# of strips]

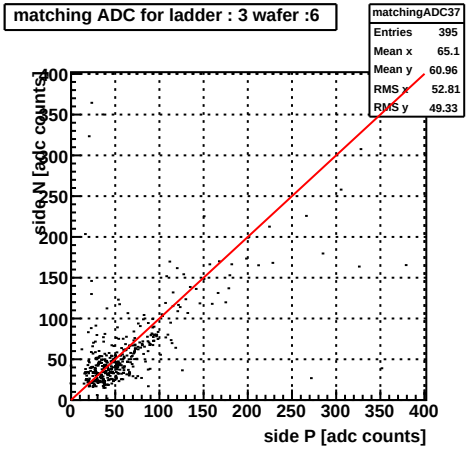

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1001
Mean x 72.87
Mean y 76.65
RMS x 56.75
RMS y 59.08
side N [adc counts]
side P [adc counts]

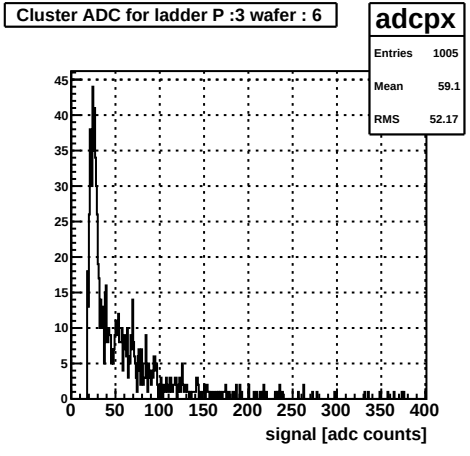

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1321
Mean 71.74
RMS 61.69
signal [adc counts]

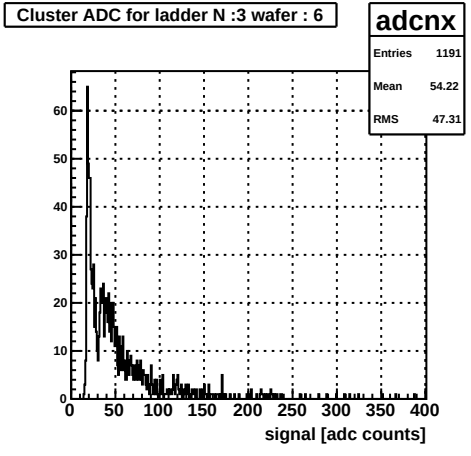

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 1805
Mean 94.59
RMS 75.57
signal [adc counts]

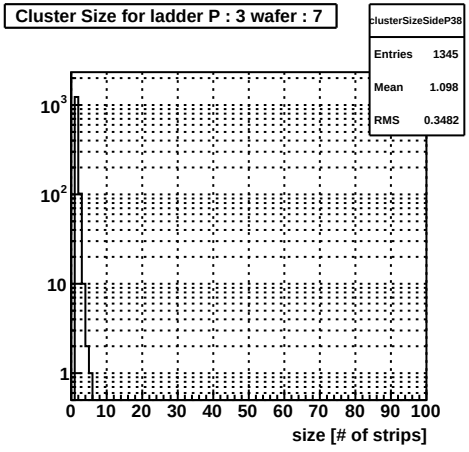

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 1005
Mean 1.186
RMS 0.453
size [# of strips]

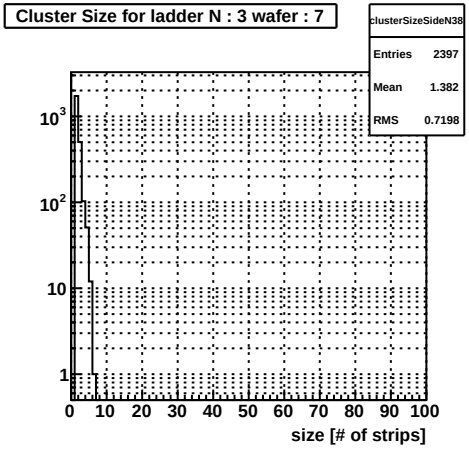

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1191
Mean 1.365
RMS 0.6747
size [# of strips]

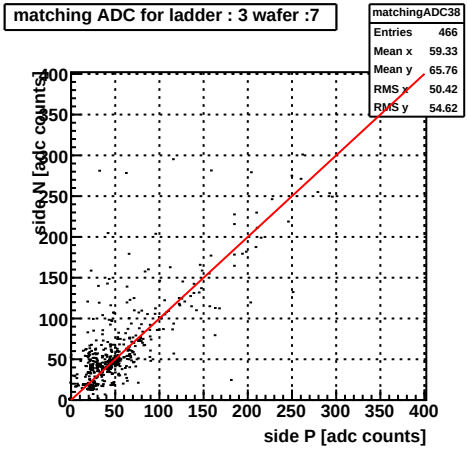

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 395
Mean x 65.1
Mean y 60.96
RMS x 52.81
RMS y 49.33
side N [adc counts]
side P [adc counts]

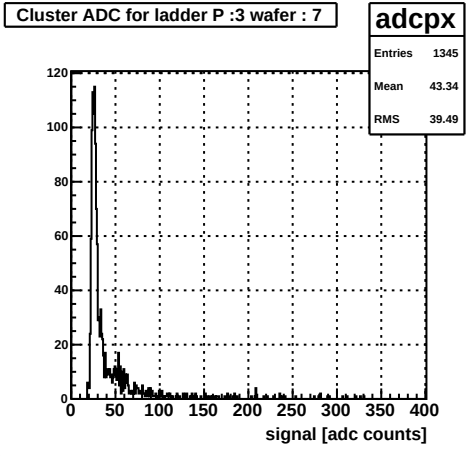

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 1005
Mean 59.1
RMS 52.17
signal [adc counts]

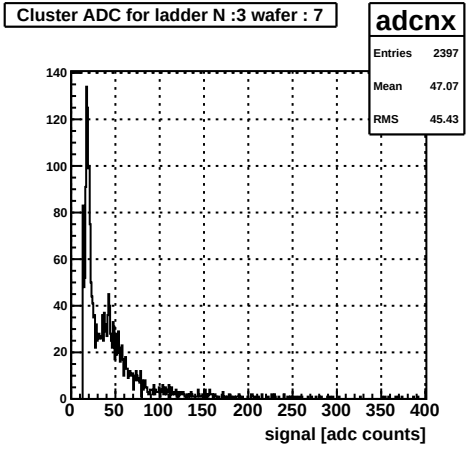

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1191
Mean 54.22
RMS 47.31
signal [adc counts]

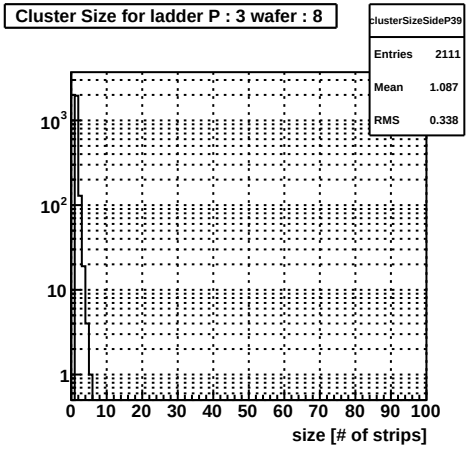

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1345
Mean 1.098
RMS 0.3482
size [# of strips]

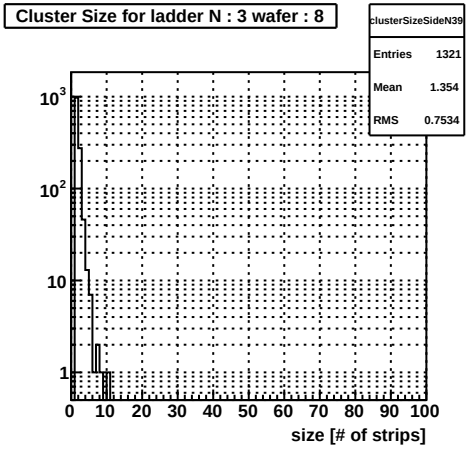

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2397
Mean 1.382
RMS 0.7198
size [# of strips]

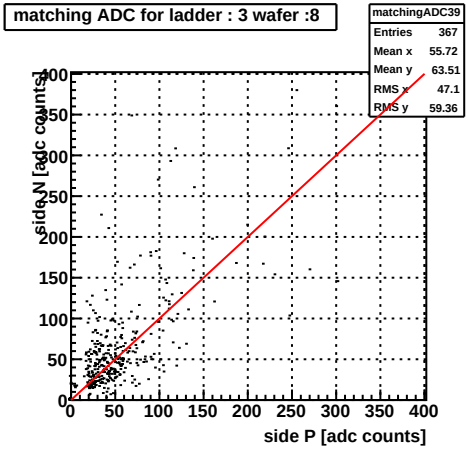

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 466
Mean x 59.33
Mean y 65.76
RMS x 50.42
RMS y 54.62
side N [adc counts]
side P [adc counts]

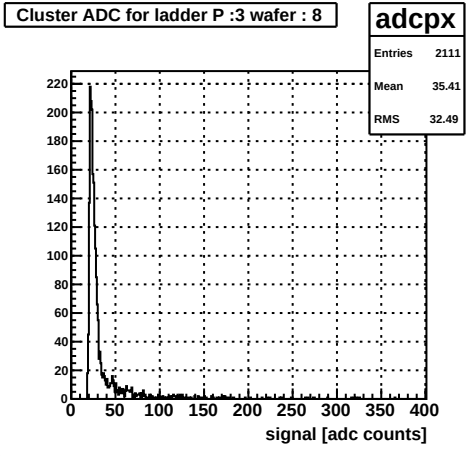

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1345
Mean 43.34
RMS 39.49
signal [adc counts]

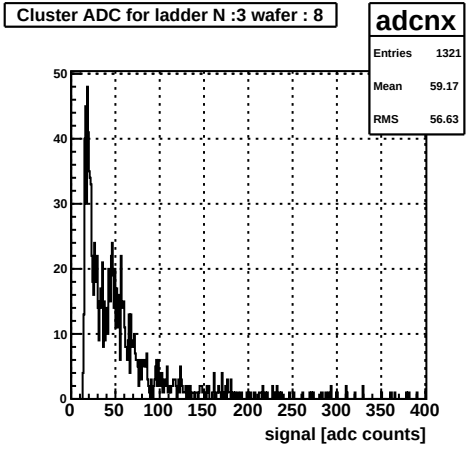

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2397
Mean 47.07
RMS 45.43
signal [adc counts]

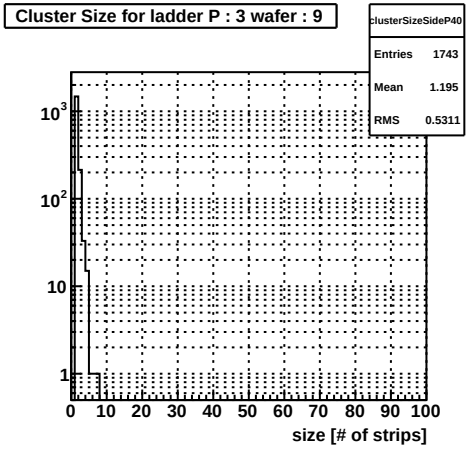

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 2111
Mean 1.087
RMS 0.338
size [# of strips]

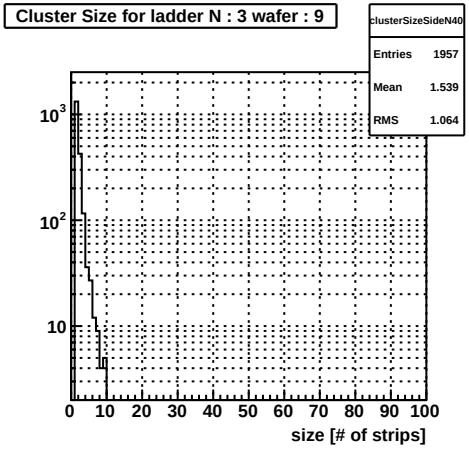

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1321
Mean 1.354
RMS 0.7534
size [# of strips]

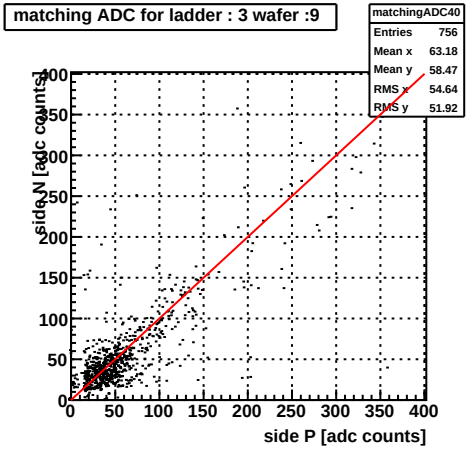

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 367
Mean x 55.72
Mean y 63.51
RMS x 47.1
RMS y 59.36
side N [adc counts]
side P [adc counts]

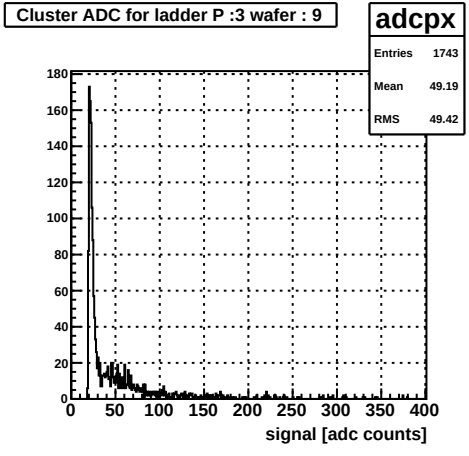

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 2111
Mean 35.41
RMS 32.49
signal [adc counts]

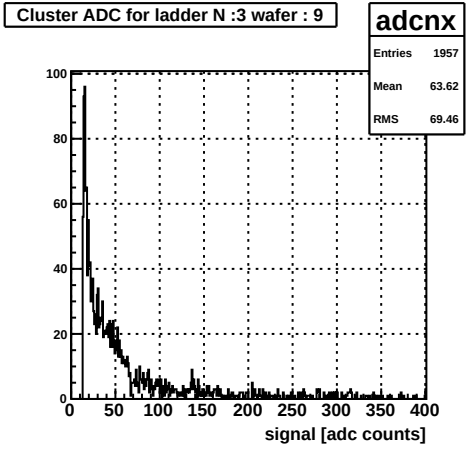

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1321
Mean 59.17
RMS 56.63
signal [adc counts]

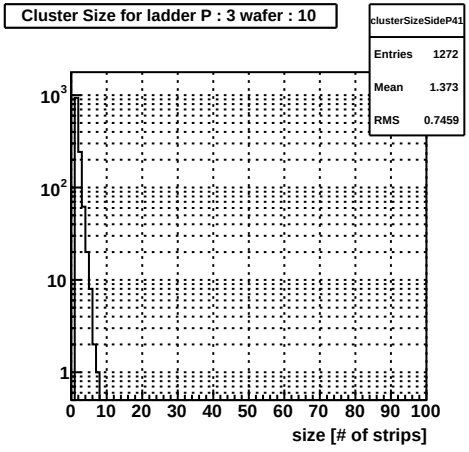

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 1743
Mean 1.195
RMS 0.5311
size [# of strips]

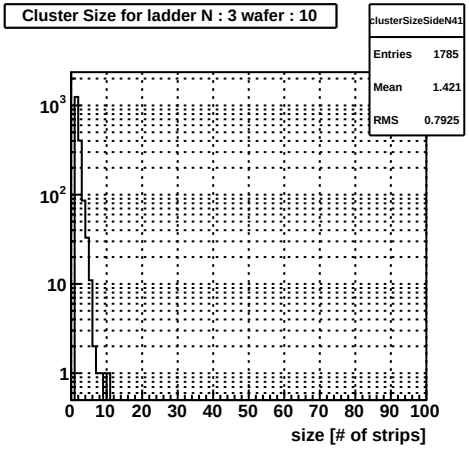

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 1957
Mean 1.539
RMS 1.064
size [# of strips]

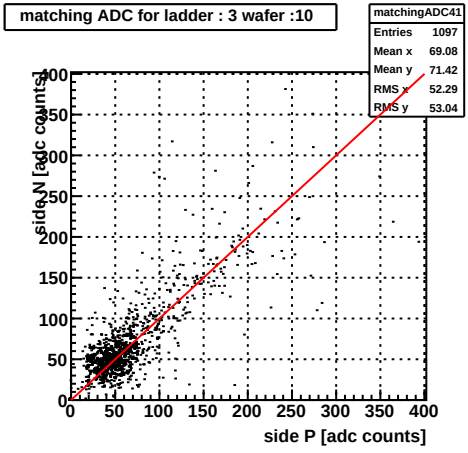

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 756
Mean x 63.18
Mean y 58.47
RMS x 54.64
RMS y 51.92
side N [adc counts]
side P [adc counts]

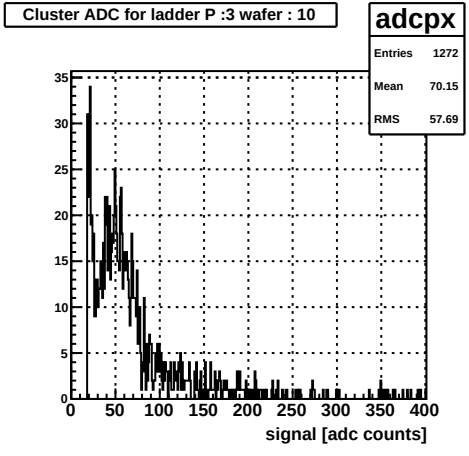

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 1743
Mean 49.19
RMS 49.42
signal [adc counts]

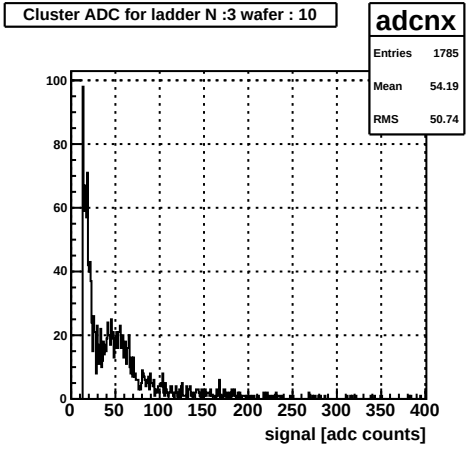

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 1957
Mean 63.62
RMS 69.46
signal [adc counts]

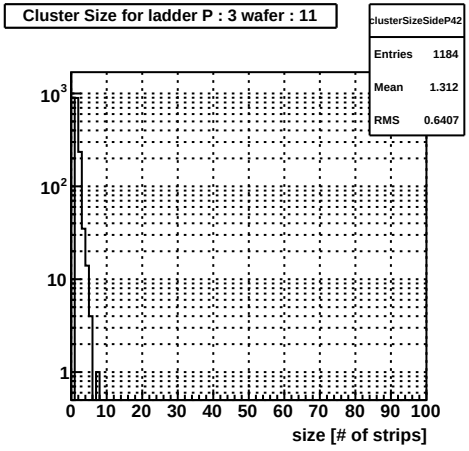

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1272
Mean 1.373
RMS 0.7459
size [# of strips]

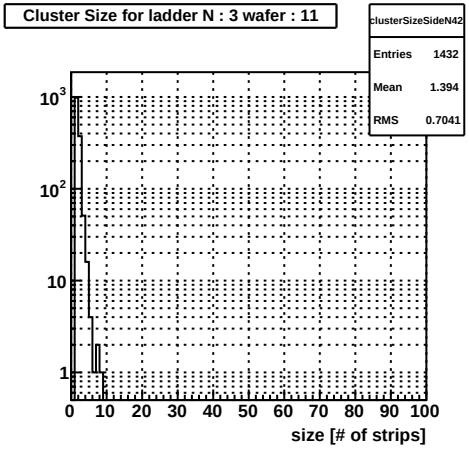

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 1785
Mean 1.421
RMS 0.7925
size [# of strips]

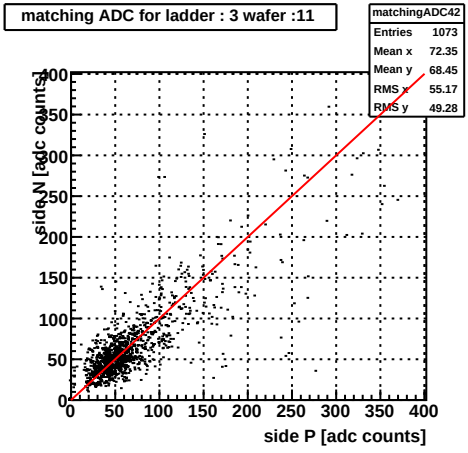

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1097
Mean x 69.08
Mean y 71.42
RMS x 52.29
RMS y 53.04
side N [adc counts]
side P [adc counts]

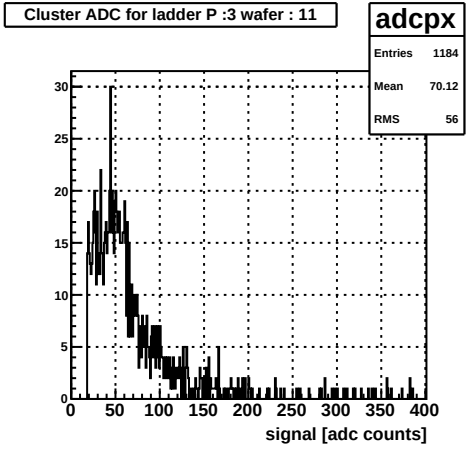

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1272
Mean 70.15
RMS 57.69
signal [adc counts]

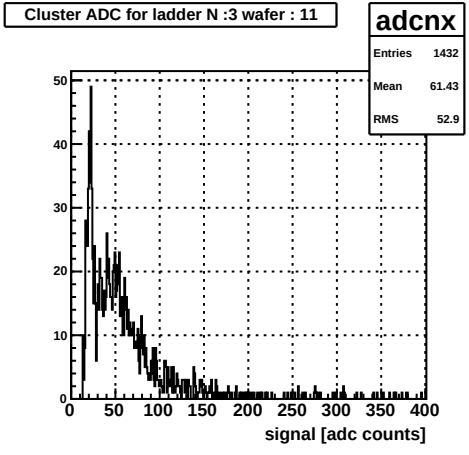

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 1785
Mean 54.19
RMS 50.74
signal [adc counts]

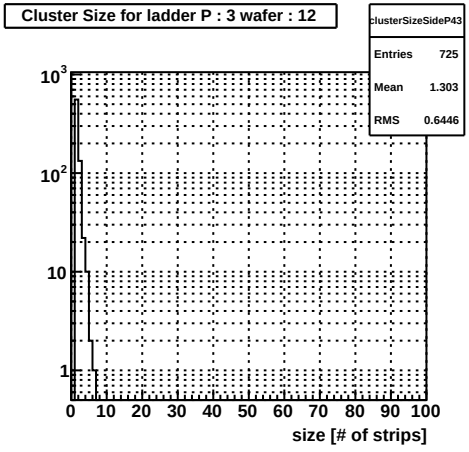

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1184
Mean 1.312
RMS 0.6407
size [# of strips]

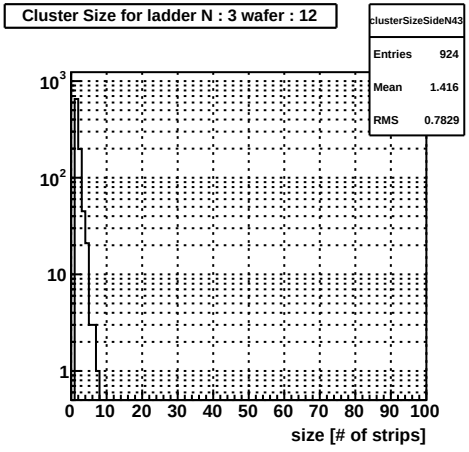

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1432
Mean 1.394
RMS 0.7041
size [# of strips]

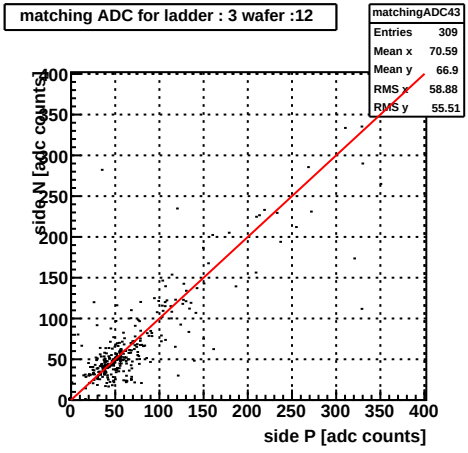

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1073
Mean x 72.35
Mean y 68.45
RMS x 55.17
RMS y 49.28
side N [adc counts]
side P [adc counts]

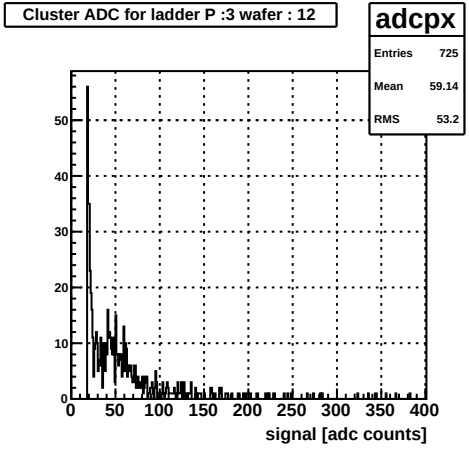

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1184
Mean 70.12
RMS 56
signal [adc counts]

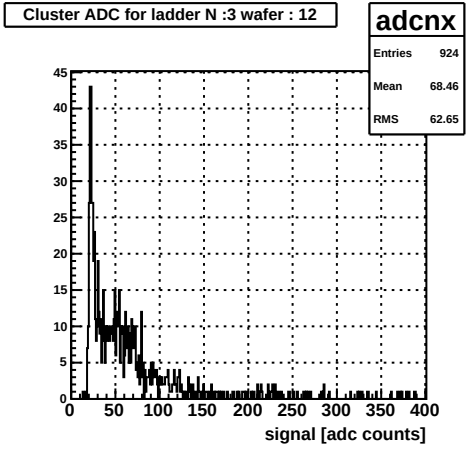

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1432
Mean 61.43
RMS 52.9
signal [adc counts]

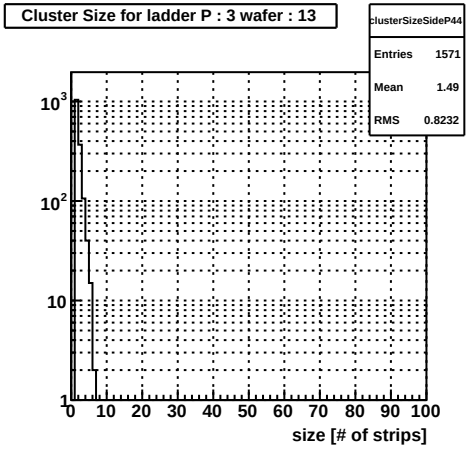

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 725
Mean 1.303
RMS 0.6446
size [# of strips]

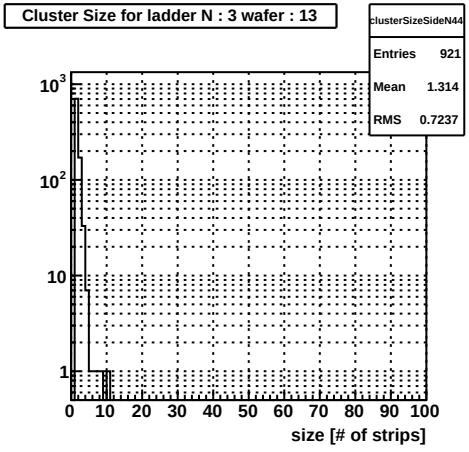

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 924
Mean 1.416
RMS 0.7829
size [# of strips]

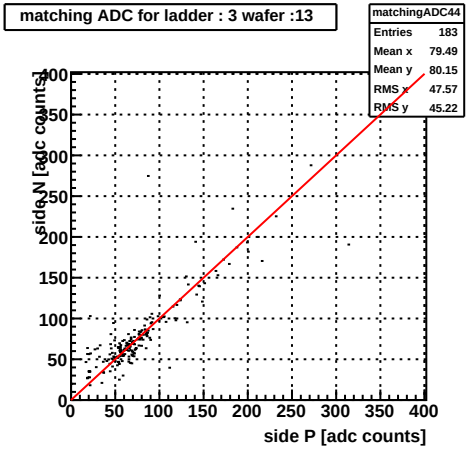

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 309
Mean x 70.59
Mean y 66.9
RMS x 58.88
RMS y 55.51
side N [adc counts]
side P [adc counts]

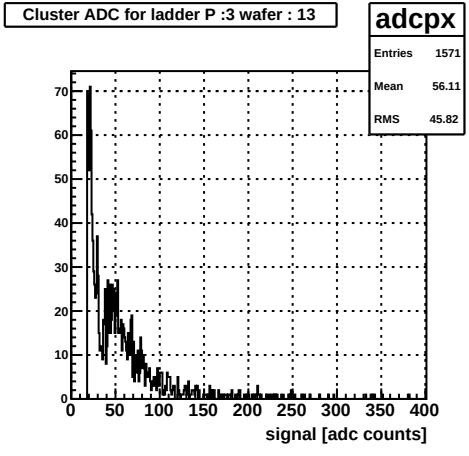

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 725
Mean 59.14
RMS 53.2
signal [adc counts]

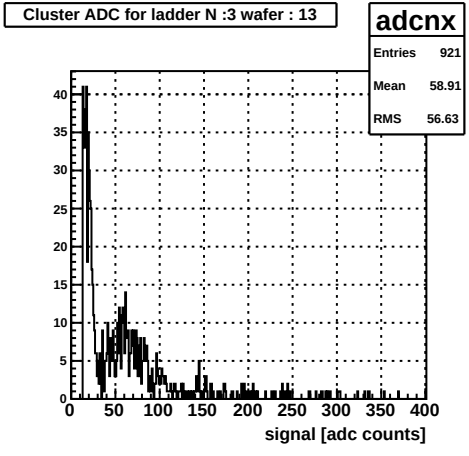

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 924
Mean 68.46
RMS 62.65
signal [adc counts]

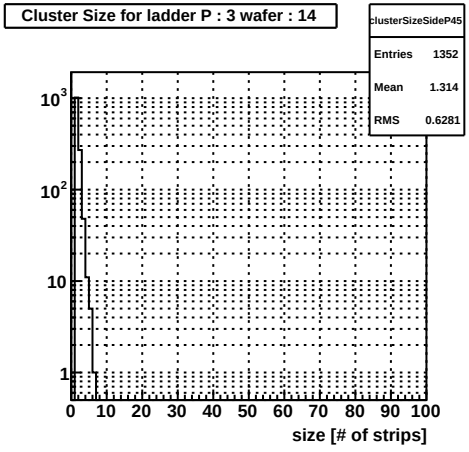

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1571
Mean 1.49
RMS 0.8232
size [# of strips]

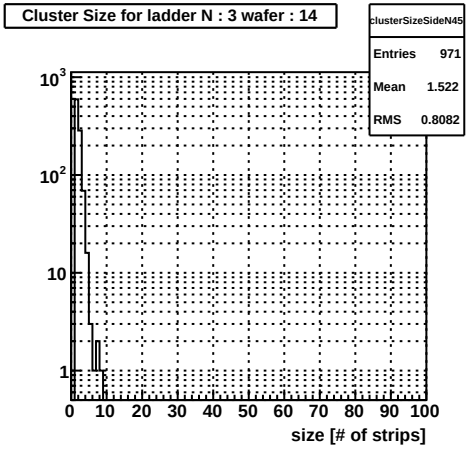

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 921
Mean 1.314
RMS 0.7237
size [# of strips]

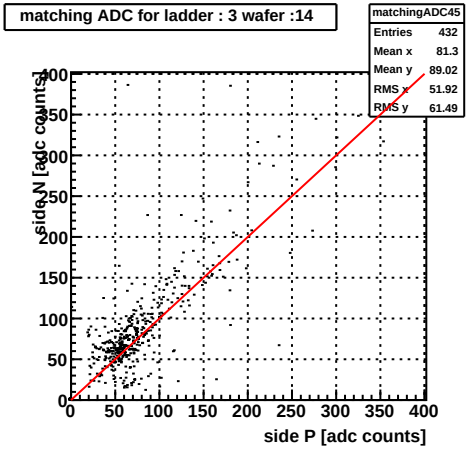

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 183
Mean x 79.49
Mean y 80.15
RMS x 47.57
RMS y 45.22
side N [adc counts]
side P [adc counts]

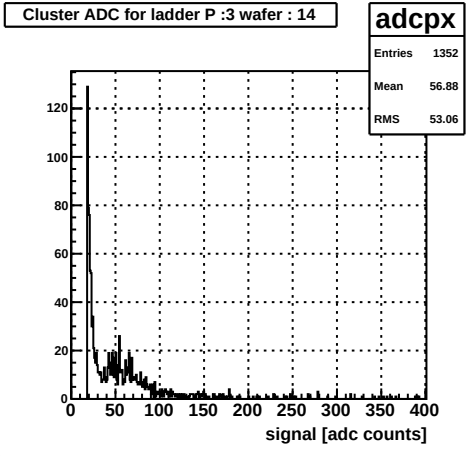

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1571
Mean 56.11
RMS 45.82
signal [adc counts]

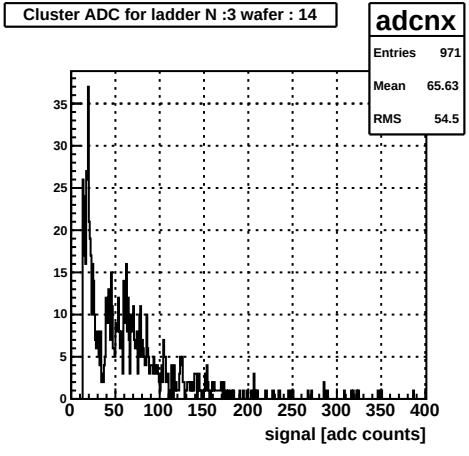

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 921
Mean 58.91
RMS 56.63
signal [adc counts]

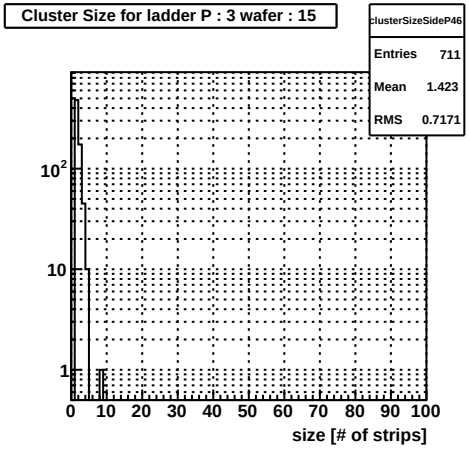

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1352
Mean 1.314
RMS 0.6281
size [# of strips]

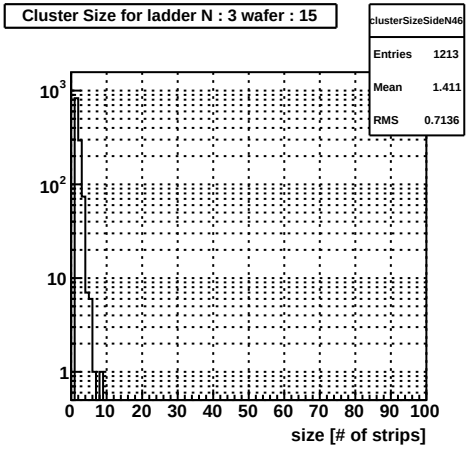

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 971
Mean 1.522
RMS 0.8082
size [# of strips]

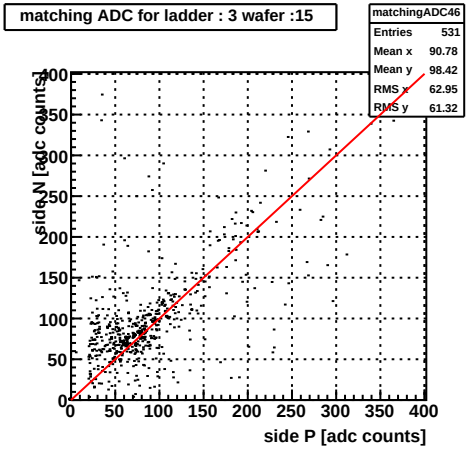

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 432
Mean x 81.3
Mean y 89.02
RMS x 51.92
RMS y 61.49
side N [adc counts]
side P [adc counts]

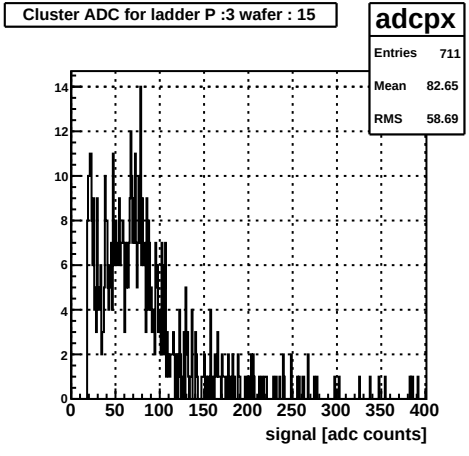

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1352
Mean 56.88
RMS 53.06
signal [adc counts]

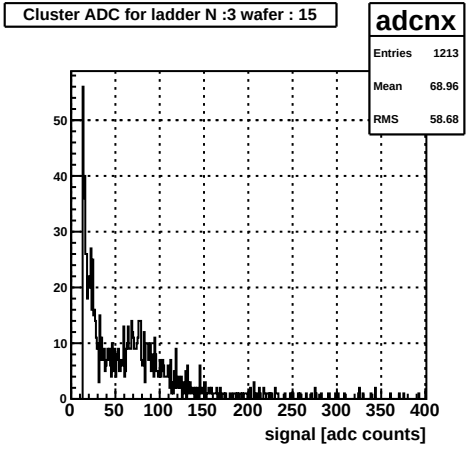

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 971
Mean 65.63
RMS 54.5
signal [adc counts]

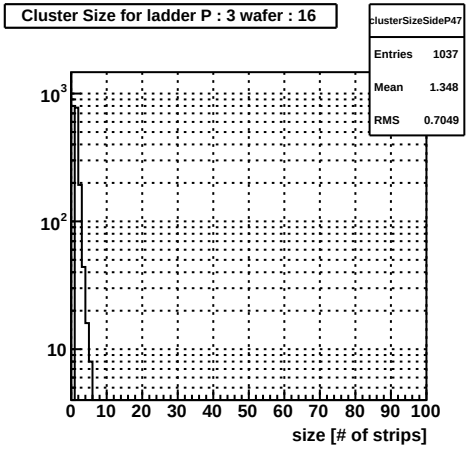

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 711
Mean 1.423
RMS 0.7171
size [# of strips]

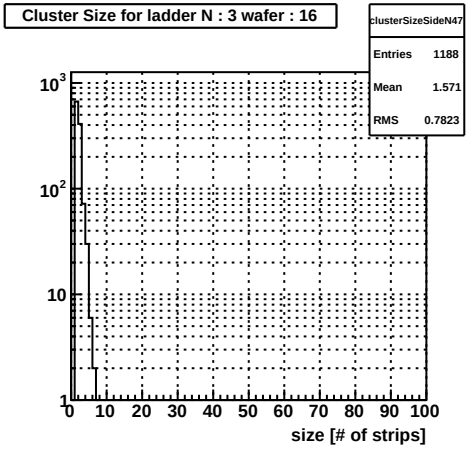

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1213
Mean 1.411
RMS 0.7136
size [# of strips]

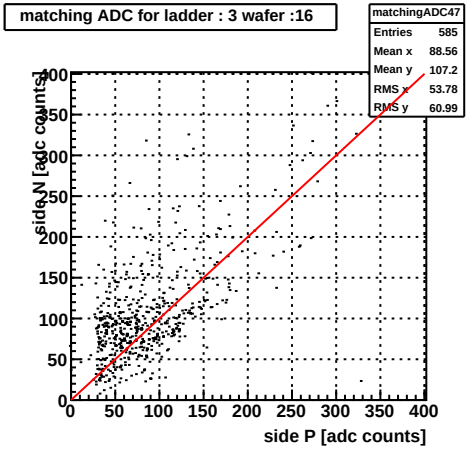

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 531
Mean x 90.78
Mean y 98.42
RMS x 62.95
RMS y 61.32
side N [adc counts]
side P [adc counts]

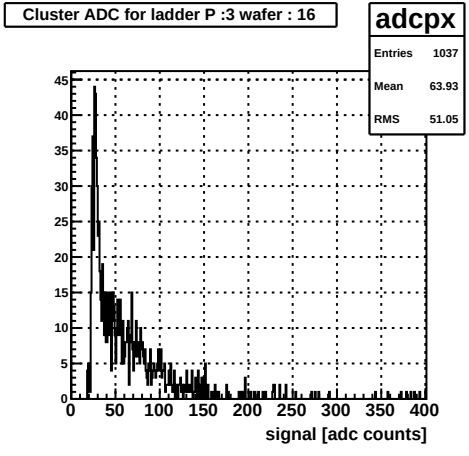

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 711
Mean 82.65
RMS 58.69
signal [adc counts]

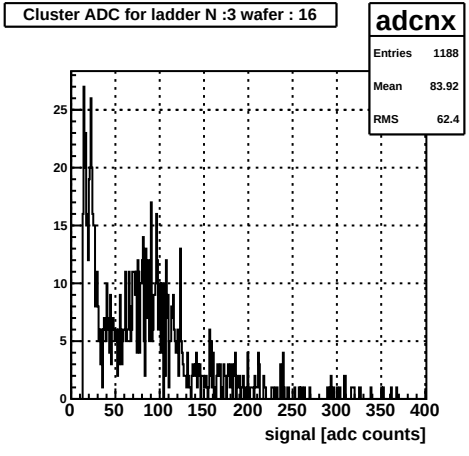

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1213
Mean 68.96
RMS 58.68
signal [adc counts]

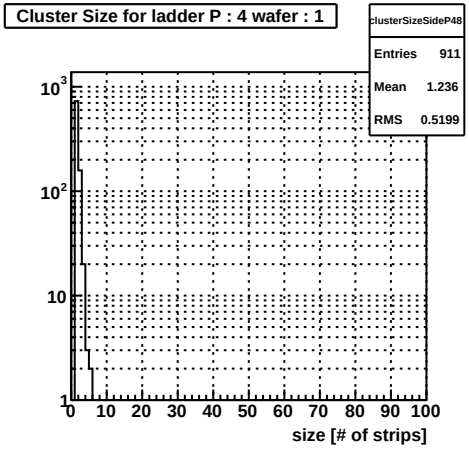

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1037
Mean 1.348
RMS 0.7049
size [# of strips]

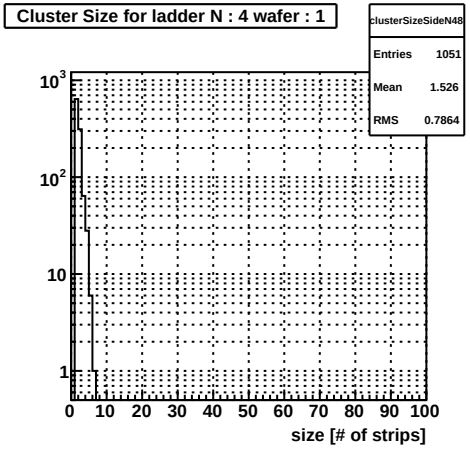

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1188
Mean 1.571
RMS 0.7823
size [# of strips]

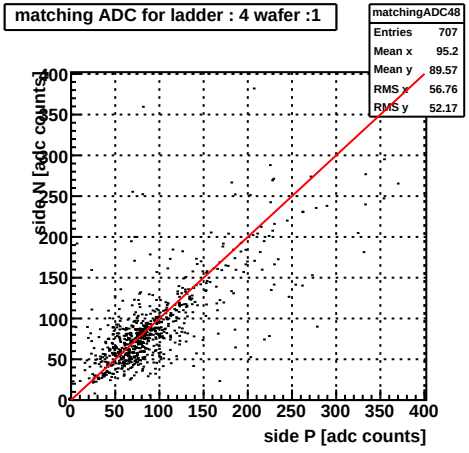

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 585
Mean x 88.56
Mean y 107.2
RMS x 53.78
RMS y 60.99
side N [adc counts]
side P [adc counts]

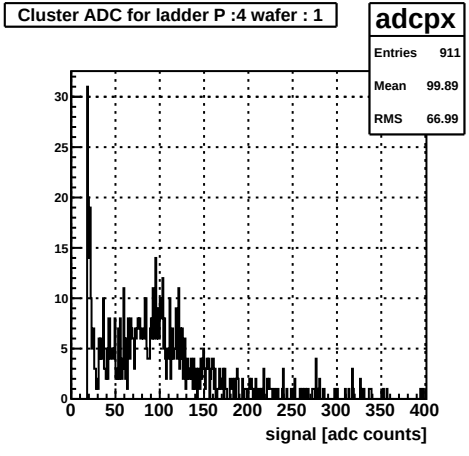

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1037
Mean 63.93
RMS 51.05
signal [adc counts]

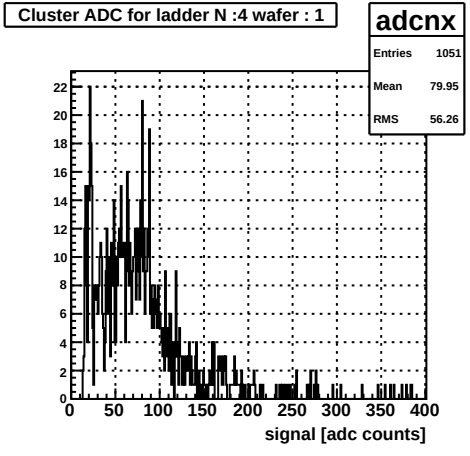

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1188
Mean 83.92
RMS 62.4
signal [adc counts]

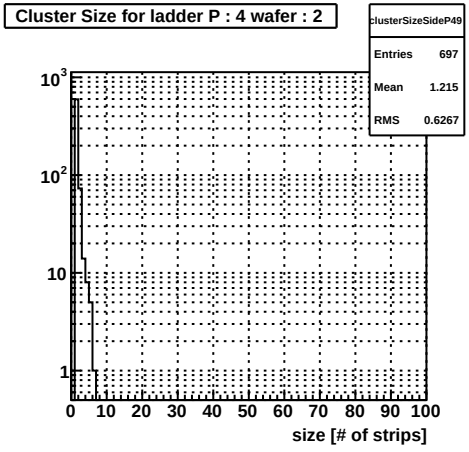

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 911
Mean 1.236
RMS 0.5199
size [# of strips]

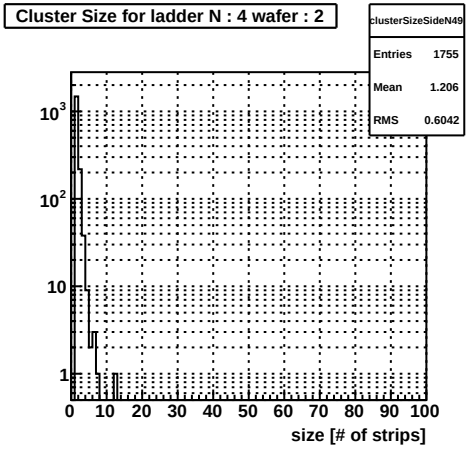

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1051
Mean 1.526
RMS 0.7864
size [# of strips]

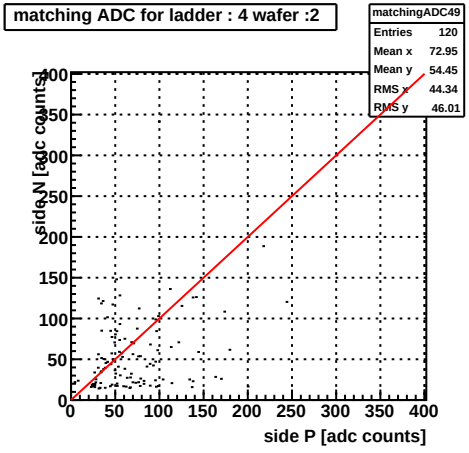

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 707
Mean x 95.2
Mean y 89.57
RMS x 56.76
RMS y 52.17
side N [adc counts]
side P [adc counts]

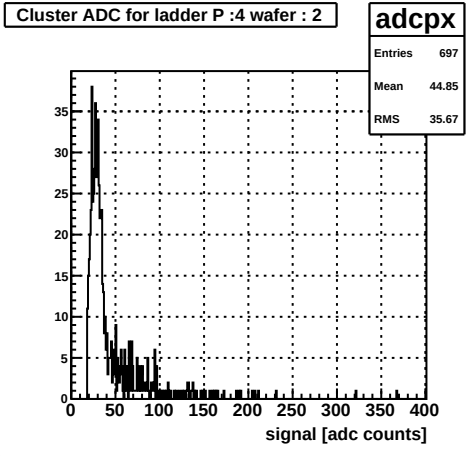

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 911
Mean 99.89
RMS 66.99
signal [adc counts]

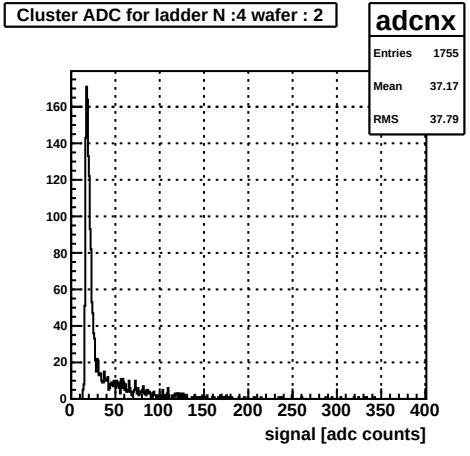

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1051
Mean 79.95
RMS 56.26
signal [adc counts]

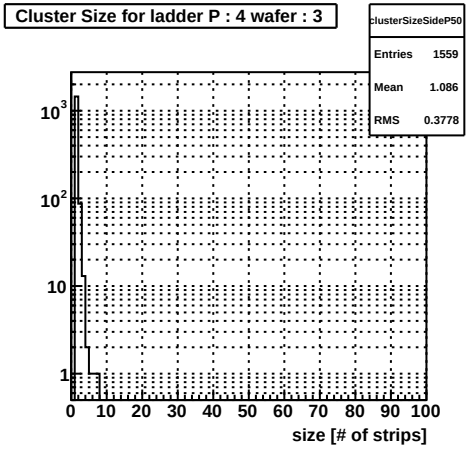

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 697
Mean 1.215
RMS 0.6267
size [# of strips]

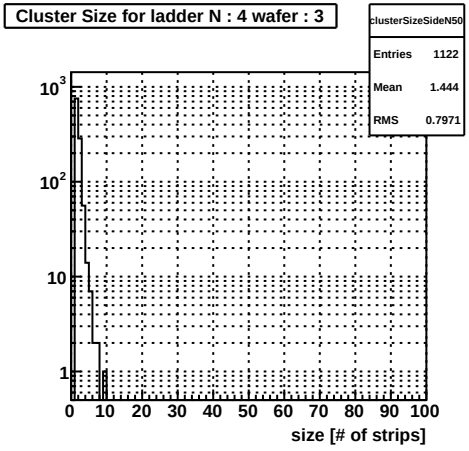

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 1755
Mean 1.206
RMS 0.6042
size [# of strips]

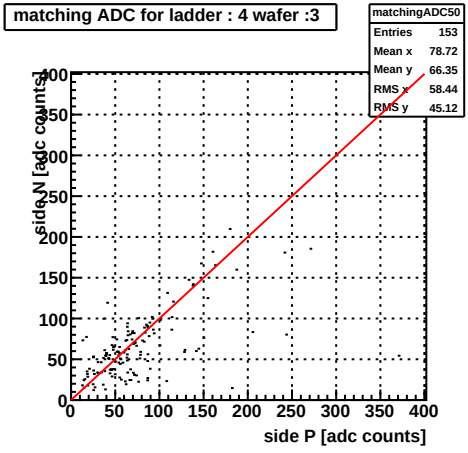

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 120
Mean x 72.95
Mean y 54.45
RMS x 44.34
RMS y 46.01
side N [adc counts]
side P [adc counts]

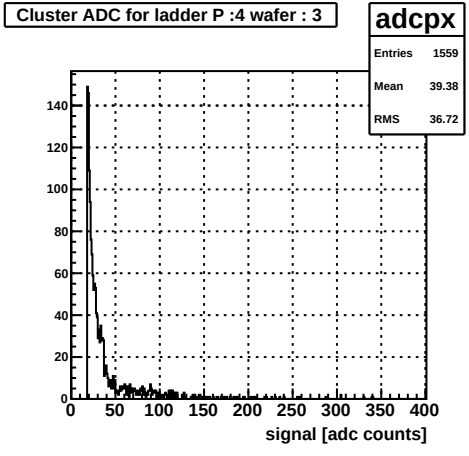

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 697
Mean 44.85
RMS 35.67
signal [adc counts]

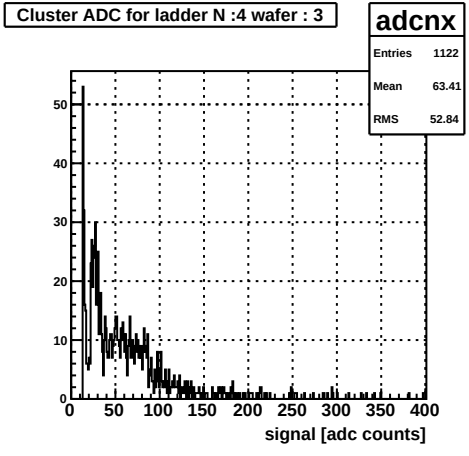

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 1755
Mean 37.17
RMS 37.79
signal [adc counts]

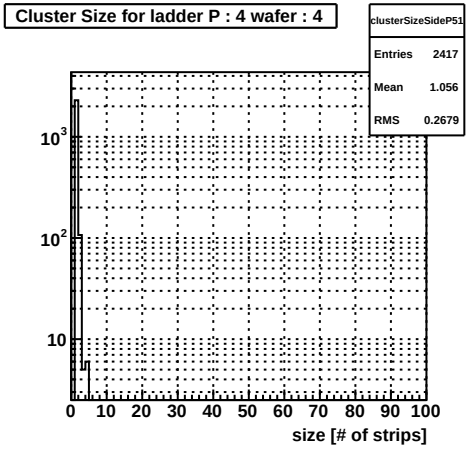

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 1559
Mean 1.086
RMS 0.3778
size [# of strips]

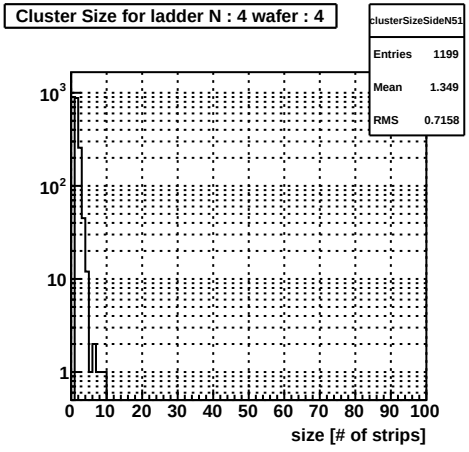

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1122
Mean 1.444
RMS 0.7971
size [# of strips]

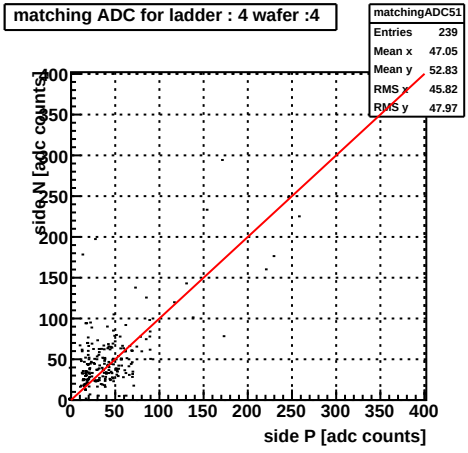

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 153
Mean x 78.72
Mean y 66.35
RMS x 58.44
RMS y 45.12
side N [adc counts]
side P [adc counts]

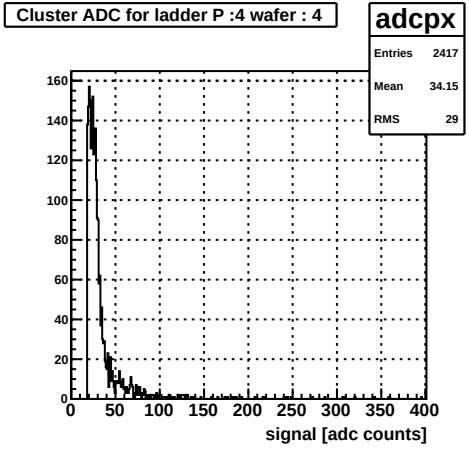

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 1559
Mean 39.38
RMS 36.72
signal [adc counts]

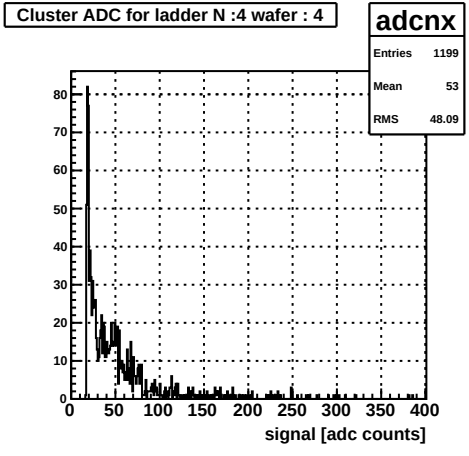

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1122
Mean 63.41
RMS 52.84
signal [adc counts]

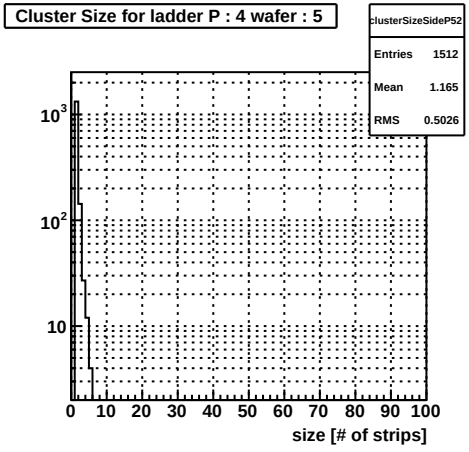

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 2417
Mean 1.056
RMS 0.2679
size [# of strips]

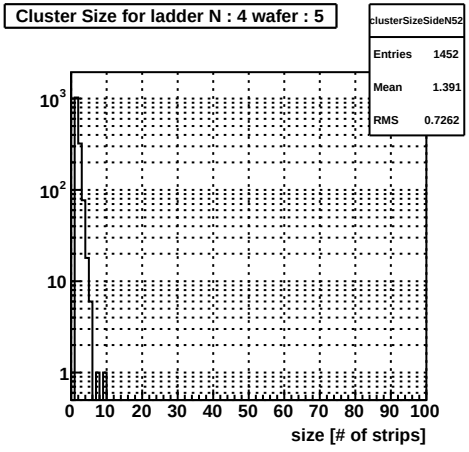

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 1199
Mean 1.349
RMS 0.7158
size [# of strips]

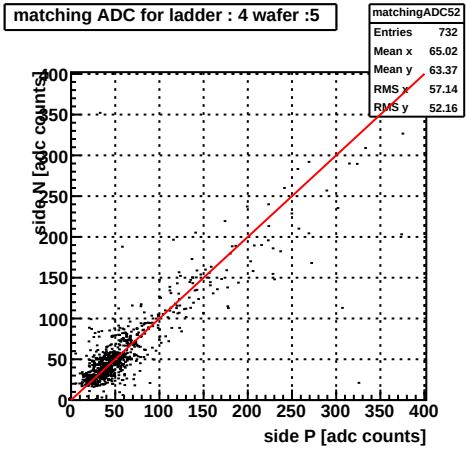

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 239
Mean x 47.05
Mean y 52.83
RMS x 45.82
RMS y 47.97
side N [adc counts]
side P [adc counts]

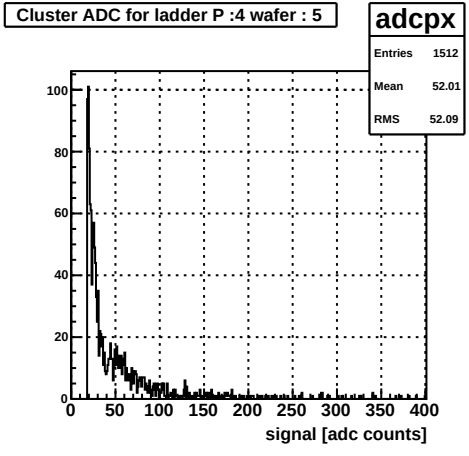

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 2417
Mean 34.15
RMS 29
signal [adc counts]

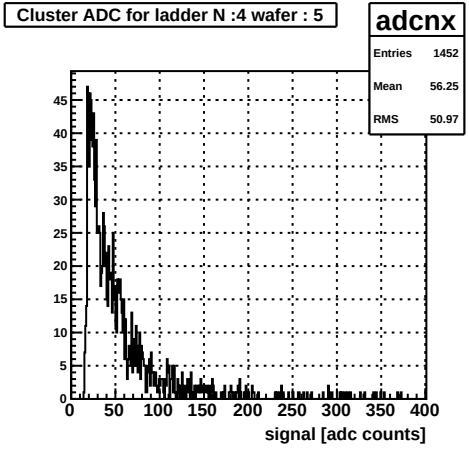

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 1199
Mean 53
RMS 48.09
signal [adc counts]

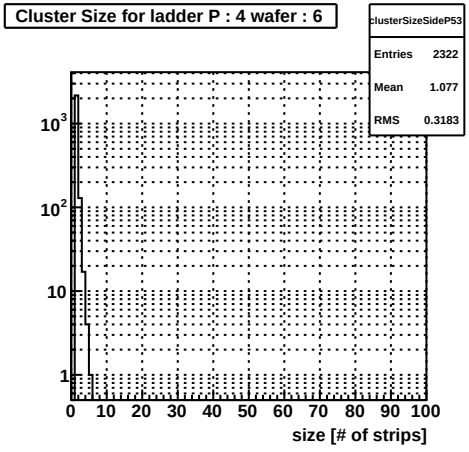

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 1512
Mean 1.165
RMS 0.5026
size [# of strips]

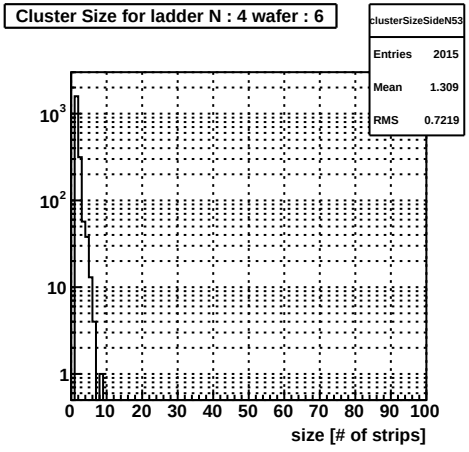

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 1452
Mean 1.391
RMS 0.7262
size [# of strips]

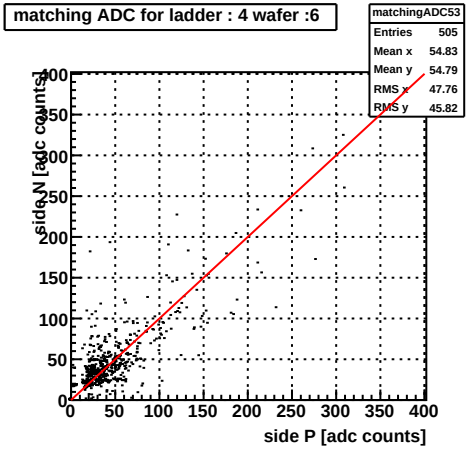

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 732
Mean x 65.02
Mean y 63.37
RMS x 57.14
RMS y 52.16
side N [adc counts]
side P [adc counts]

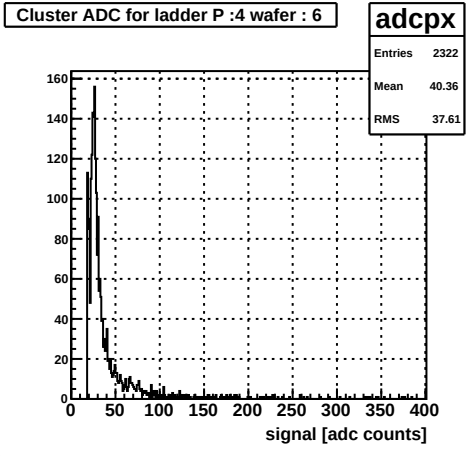

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 1512
Mean 52.01
RMS 52.09
signal [adc counts]

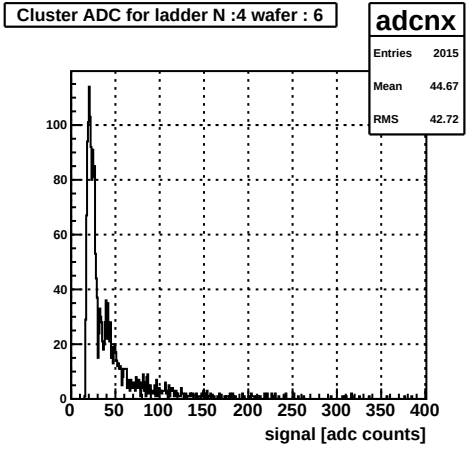

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 1452
Mean 56.25
RMS 50.97
signal [adc counts]

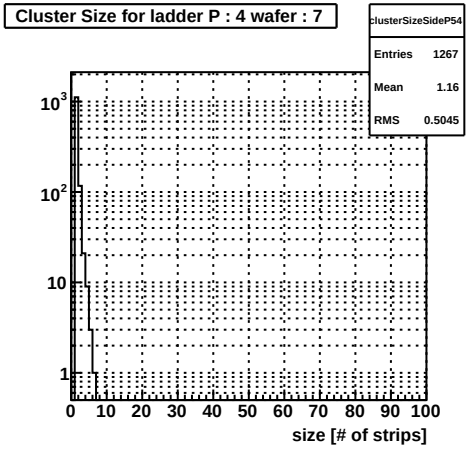

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 2322
Mean 1.077
RMS 0.3183
size [# of strips]

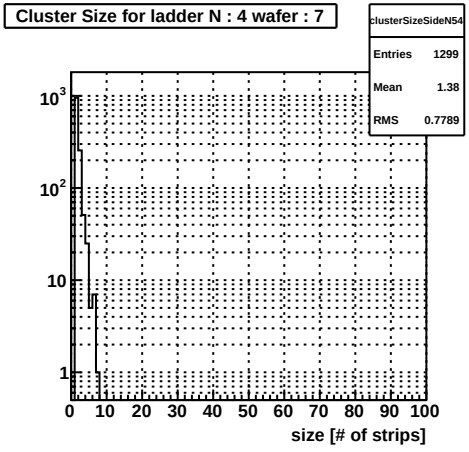

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 2015
Mean 1.309
RMS 0.7219
size [# of strips]

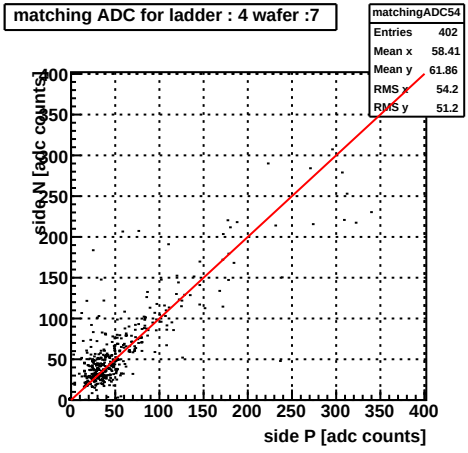

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 505
Mean x 54.83
Mean y 54.79
RMS x 47.76
RMS y 45.82
side N [adc counts]
side P [adc counts]

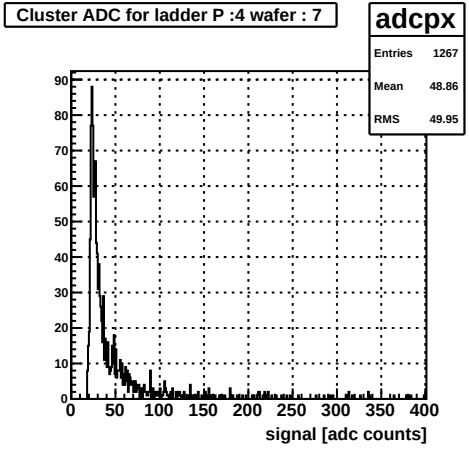

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 2322
Mean 40.36
RMS 37.61
signal [adc counts]

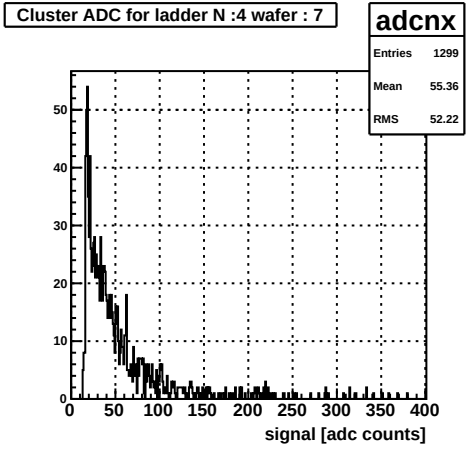

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 2015
Mean 44.67
RMS 42.72
signal [adc counts]

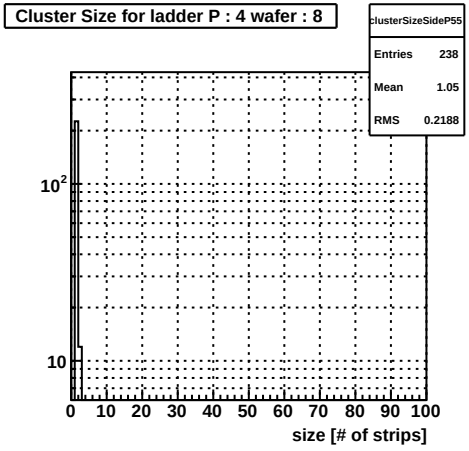

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 1267
Mean 1.16
RMS 0.5045
size [# of strips]

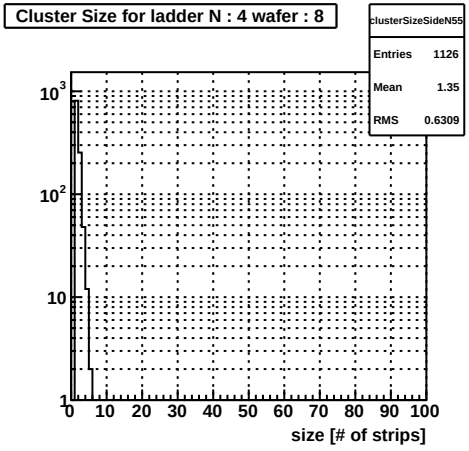

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1299
Mean 1.38
RMS 0.7789
size [# of strips]

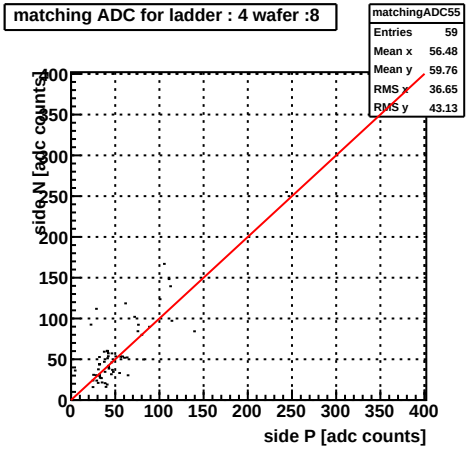

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 402
Mean x 58.41
Mean y 61.86
RMS x 54.2
RMS y 51.2
side N [adc counts]
side P [adc counts]

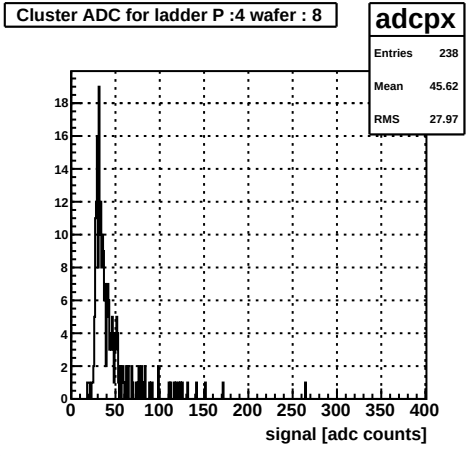

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 1267
Mean 48.86
RMS 49.95
signal [adc counts]

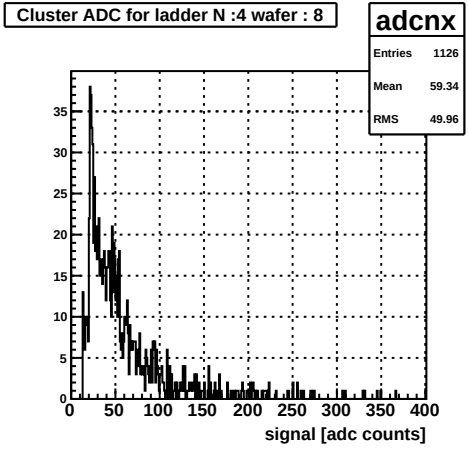

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1299
Mean 55.36
RMS 52.22
signal [adc counts]

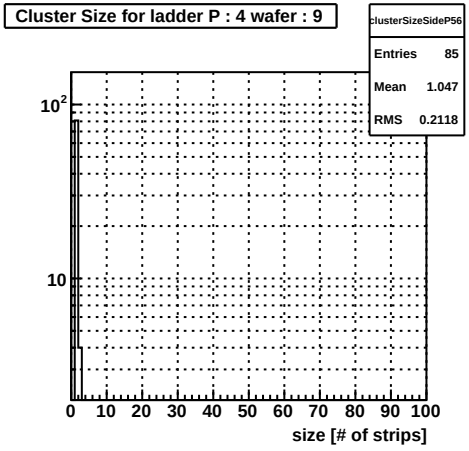

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 238
Mean 1.05
RMS 0.2188
size [# of strips]

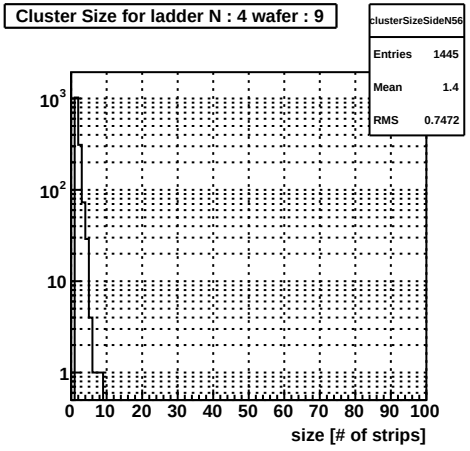

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1126
Mean 1.35
RMS 0.6309
size [# of strips]

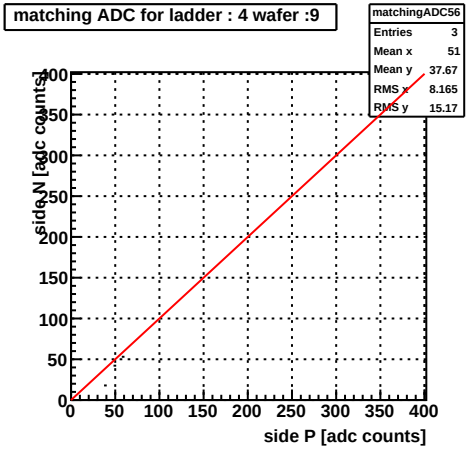

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 59
Mean x 56.48
Mean y 59.76
RMS x 36.65
RMS y 43.13
side N [adc counts]
side P [adc counts]

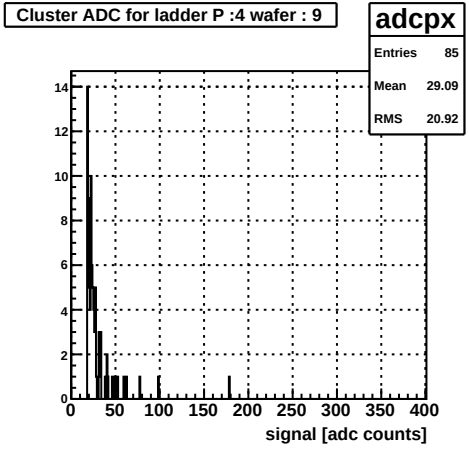

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 238
Mean 45.62
RMS 27.97
signal [adc counts]

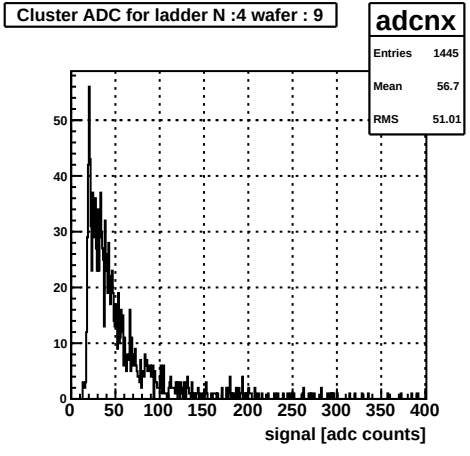

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1126
Mean 59.34
RMS 49.96
signal [adc counts]

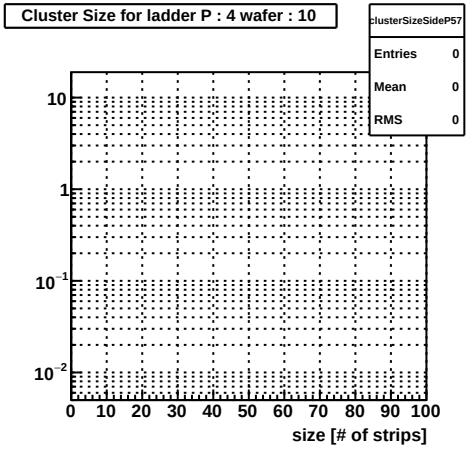

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 85
Mean 1.047
RMS 0.2118
size [# of strips]

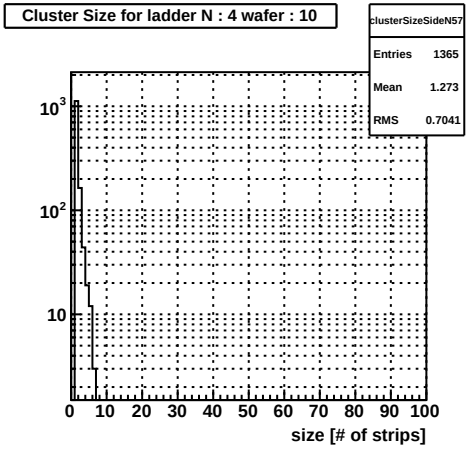

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1445
Mean 1.4
RMS 0.7472
size [# of strips]

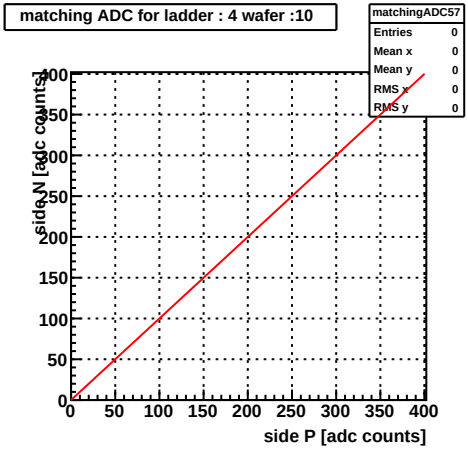

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 3
Mean x 51
Mean y 37.67
RMS x 8.165
RMS y 15.17
side N [adc counts]
side P [adc counts]

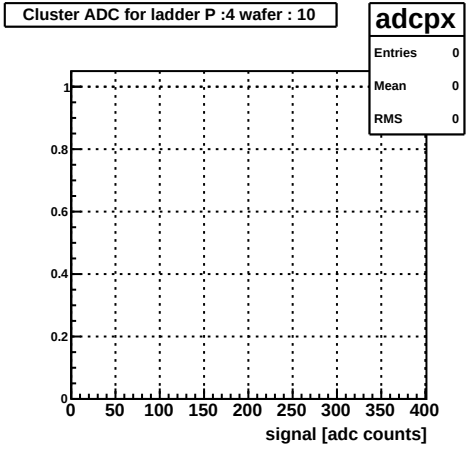

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 85
Mean 29.09
RMS 20.92
signal [adc counts]

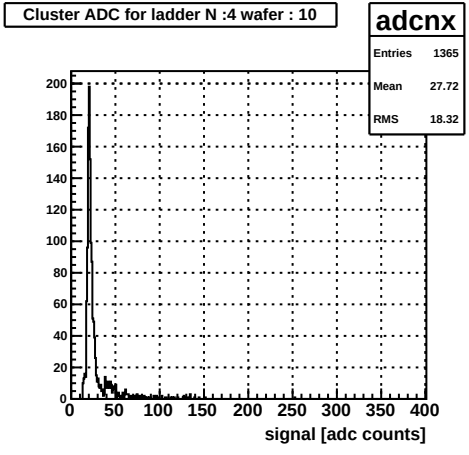

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1445
Mean 56.7
RMS 51.01
signal [adc counts]

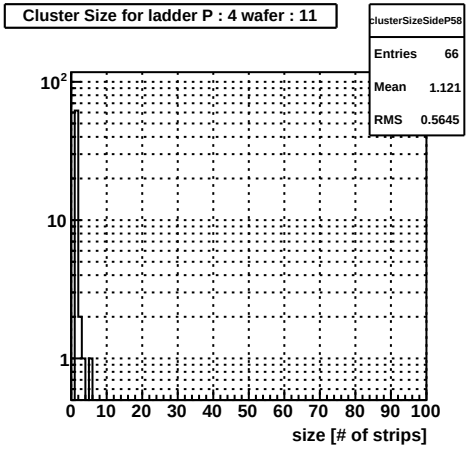

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

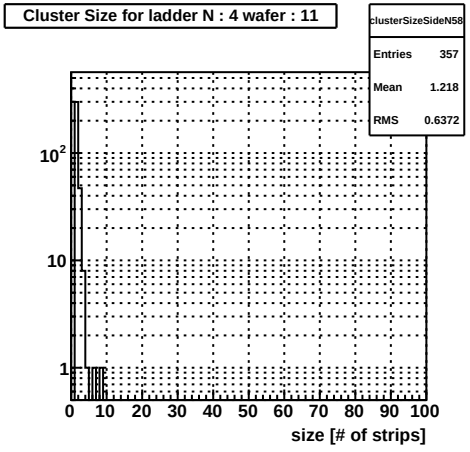

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 1365
Mean 1.273
RMS 0.7041
size [# of strips]

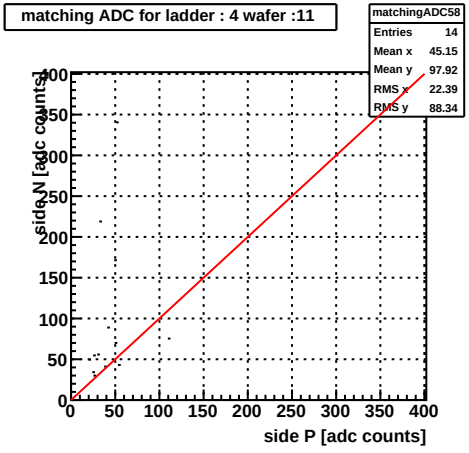

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

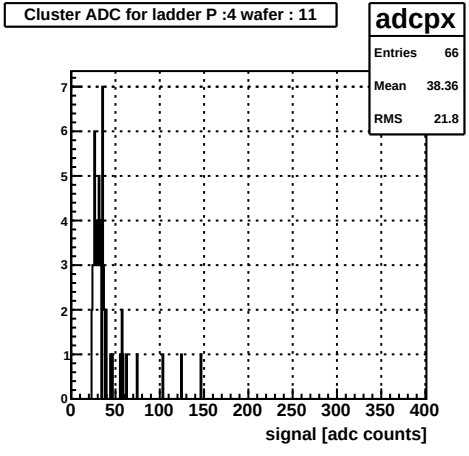

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

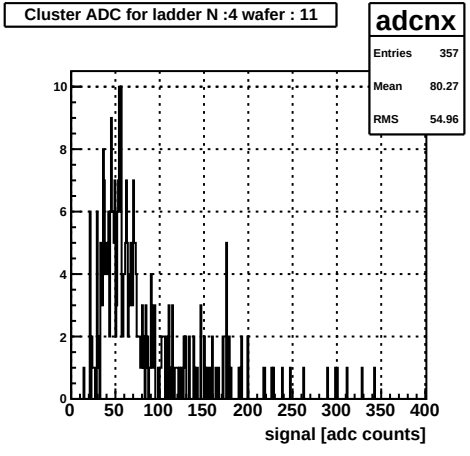

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 1365
Mean 27.72
RMS 18.32
signal [adc counts]

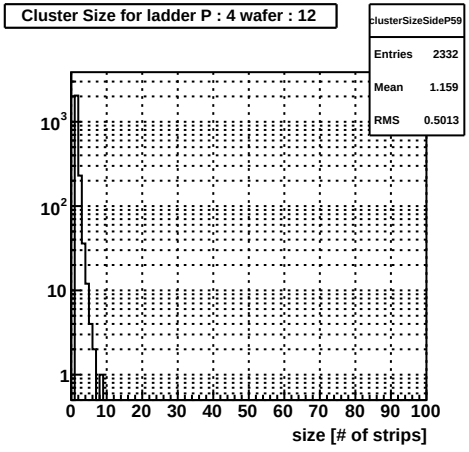

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 66
Mean 1.121
RMS 0.5645
size [# of strips]

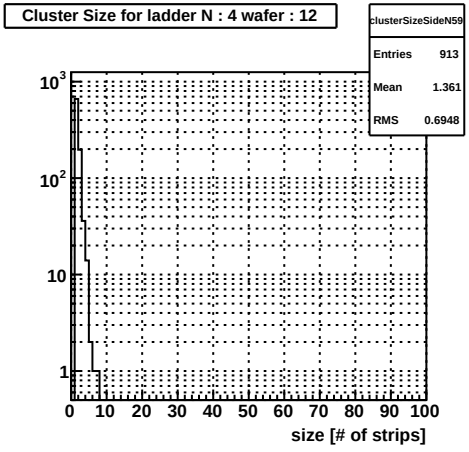

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 357
Mean 1.218
RMS 0.6372
size [# of strips]

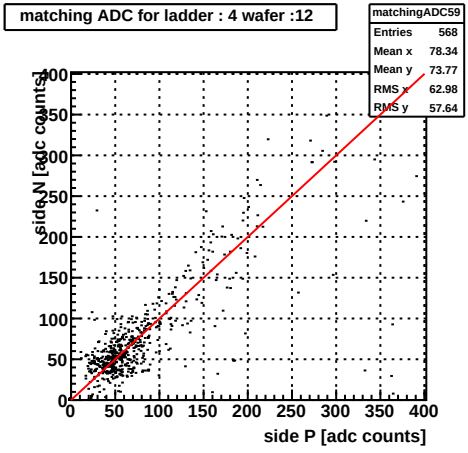

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 14
Mean x 45.15
Mean y 97.92
RMS x 22.39
RMS y 88.34
side N [adc counts]
side P [adc counts]

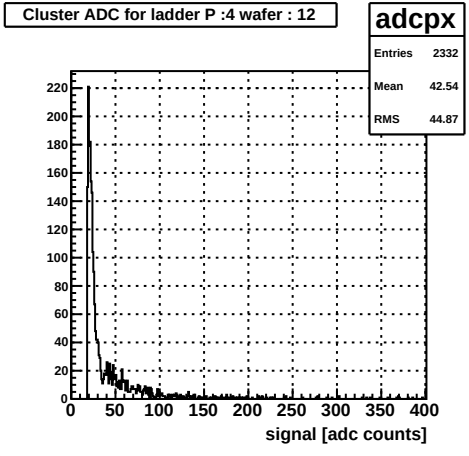

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 66
Mean 38.36
RMS 21.8
signal [adc counts]

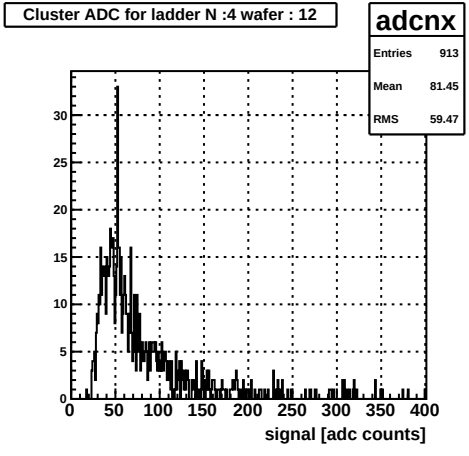

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 357
Mean 80.27
RMS 54.96
signal [adc counts]

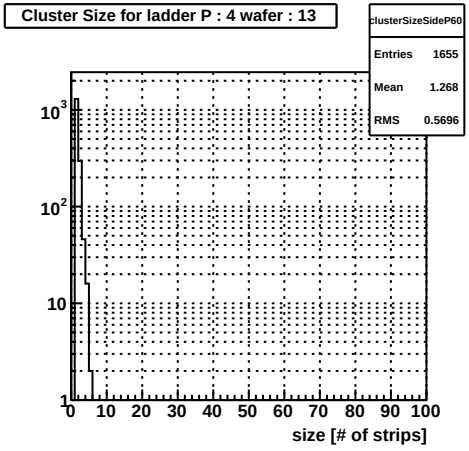

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 2332
Mean 1.159
RMS 0.5013
size [# of strips]

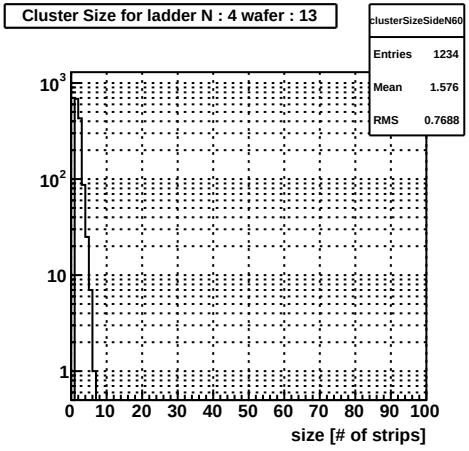

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 913
Mean 1.361
RMS 0.6948
size [# of strips]

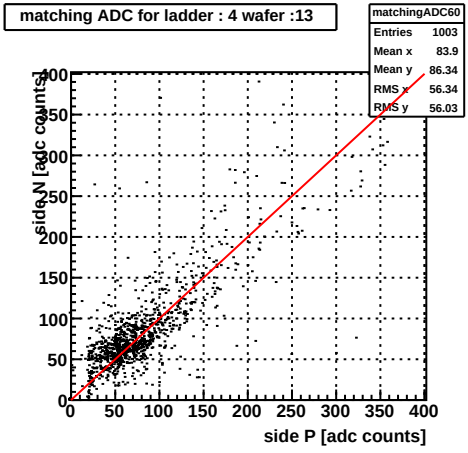

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 568
Mean x 78.34
Mean y 73.77
RMS x 62.98
RMS y 57.64
side N [adc counts]
side P [adc counts]

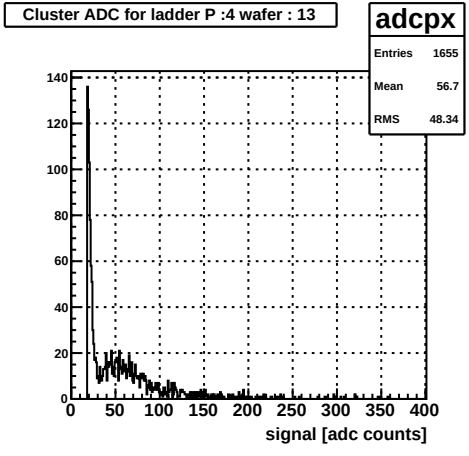

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 2332
Mean 42.54
RMS 44.87
signal [adc counts]

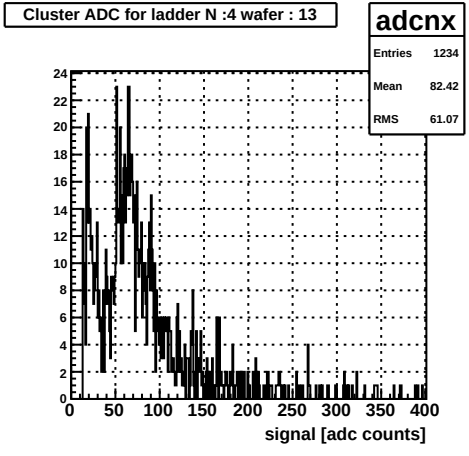

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 913
Mean 81.45
RMS 59.47
signal [adc counts]

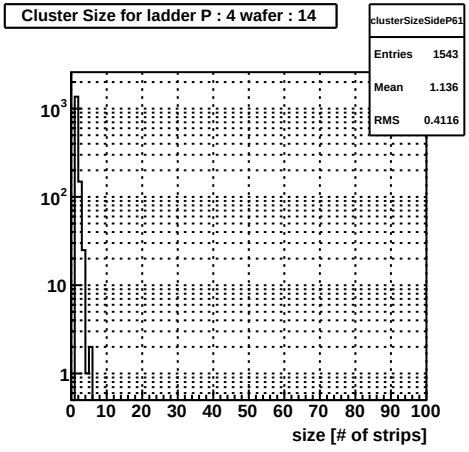

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1655
Mean 1.268
RMS 0.5696
size [# of strips]

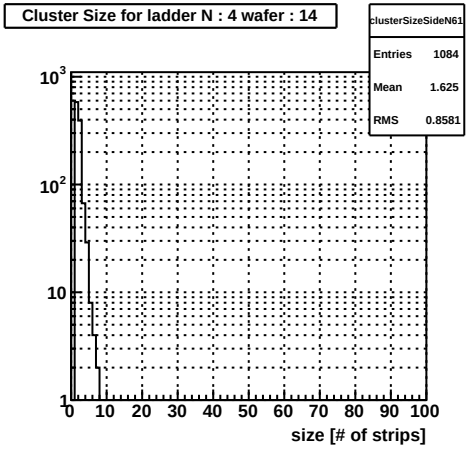

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1234
Mean 1.576
RMS 0.7688
size [# of strips]

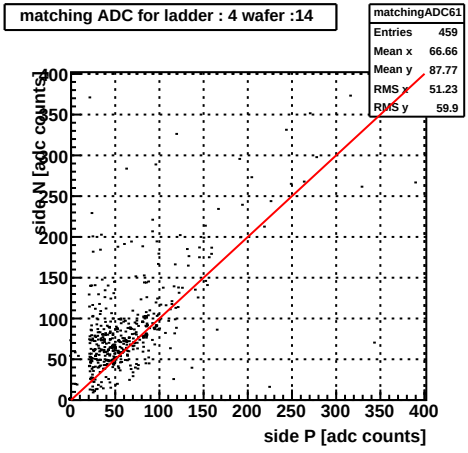

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1003
Mean x 83.9
Mean y 86.34
RMS x 56.34
RMS y 56.03
side N [adc counts]
side P [adc counts]

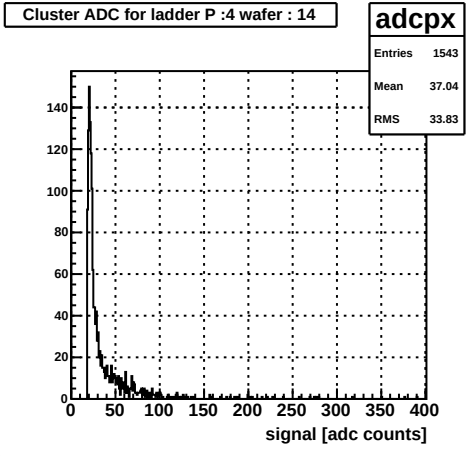

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1655
Mean 56.7
RMS 48.34
signal [adc counts]

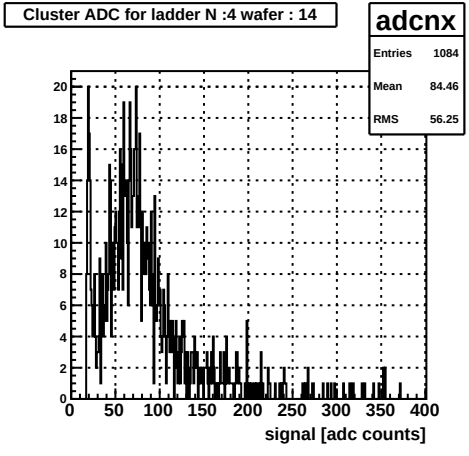

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1234
Mean 82.42
RMS 61.07
signal [adc counts]

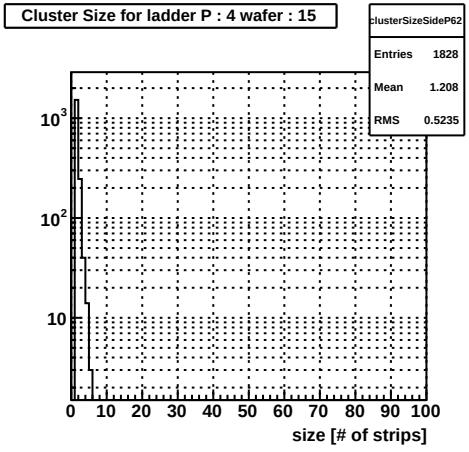

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 1543
Mean 1.136
RMS 0.4116
size [# of strips]

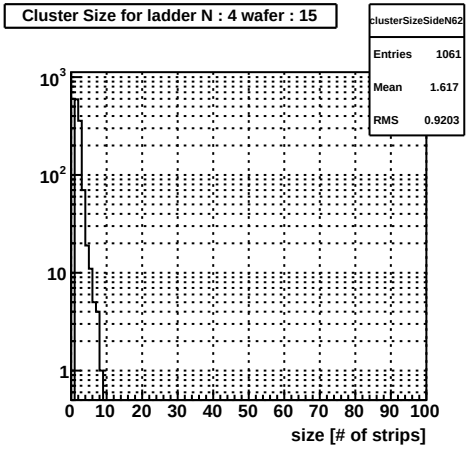

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1084
Mean 1.625
RMS 0.8581
size [# of strips]

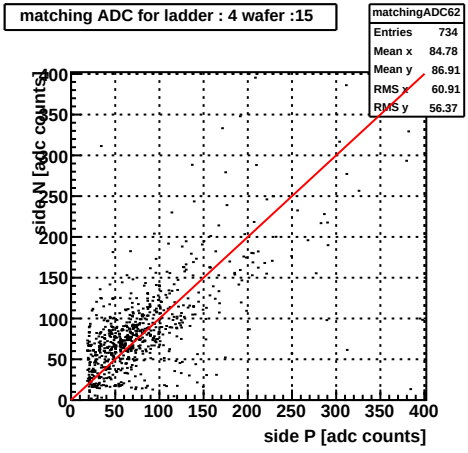

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 459
Mean x 66.66
Mean y 87.77
RMS x 51.23
RMS y 59.9
side N [adc counts]
side P [adc counts]

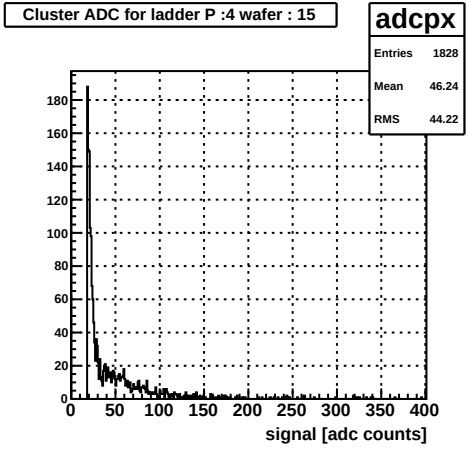

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 1543
Mean 37.04
RMS 33.83
signal [adc counts]

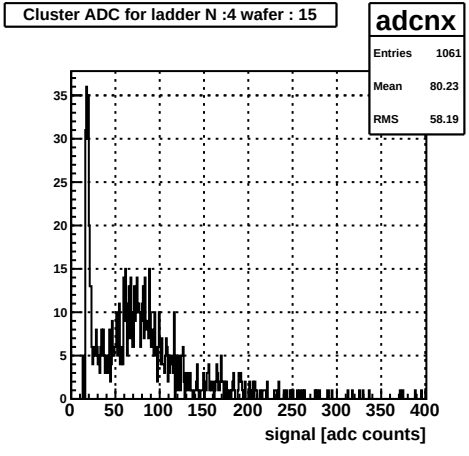

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1084
Mean 84.46
RMS 56.25
signal [adc counts]

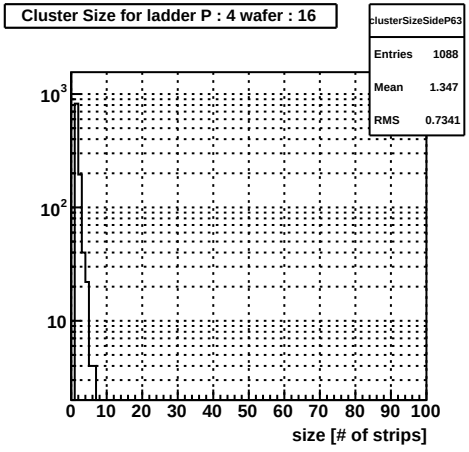

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 1828
Mean 1.208
RMS 0.5235
size [# of strips]

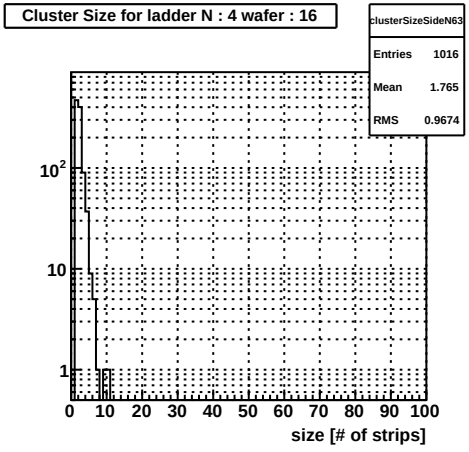

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1061
Mean 1.617
RMS 0.9203
size [# of strips]

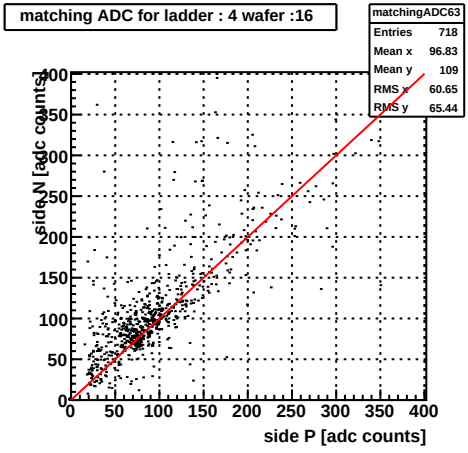

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 734
Mean x 84.78
Mean y 86.91
RMS x 60.91
RMS y 56.37
side N [adc counts]
side P [adc counts]

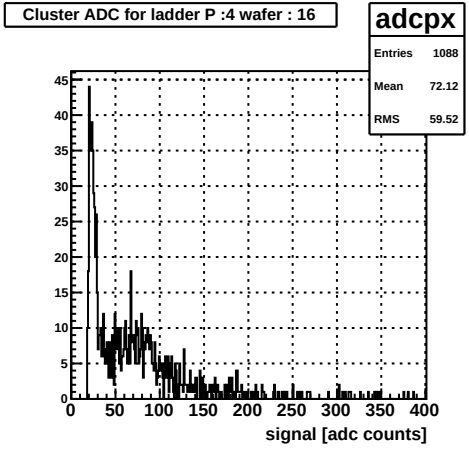

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 1828
Mean 46.24
RMS 44.22
signal [adc counts]

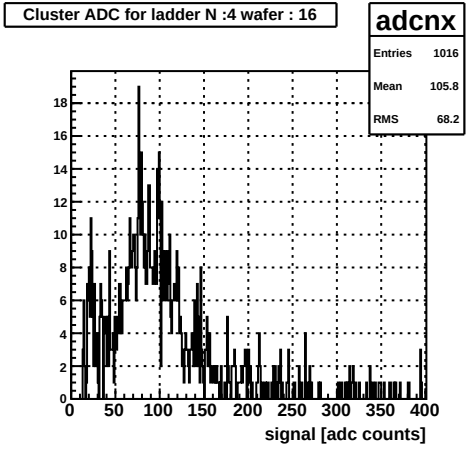

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1061
Mean 80.23
RMS 58.19
signal [adc counts]

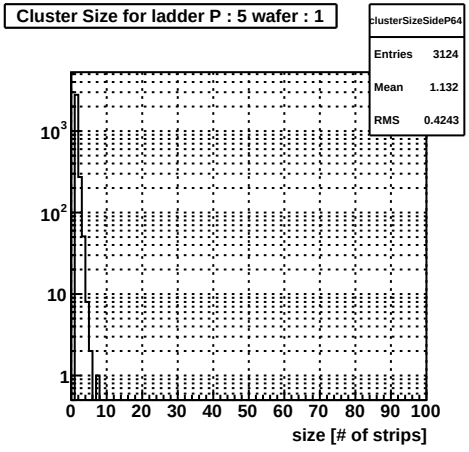

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1088
Mean 1.347
RMS 0.7341
size [# of strips]

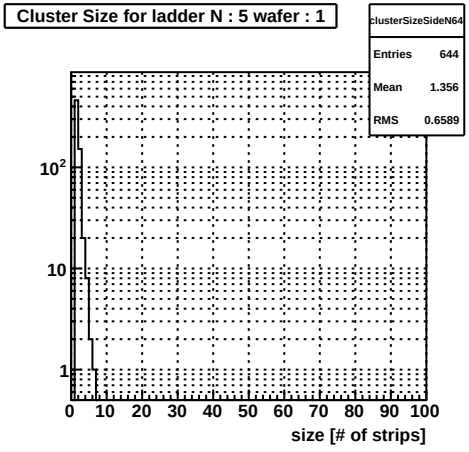

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1016
Mean 1.765
RMS 0.9674
size [# of strips]

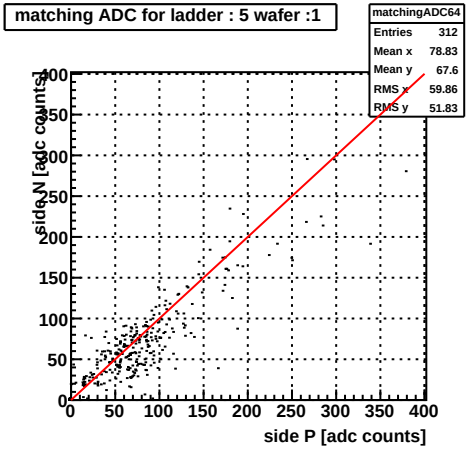

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 718
Mean x 96.83
Mean y 109
RMS x 60.65
RMS y 65.44
side N [adc counts]
side P [adc counts]

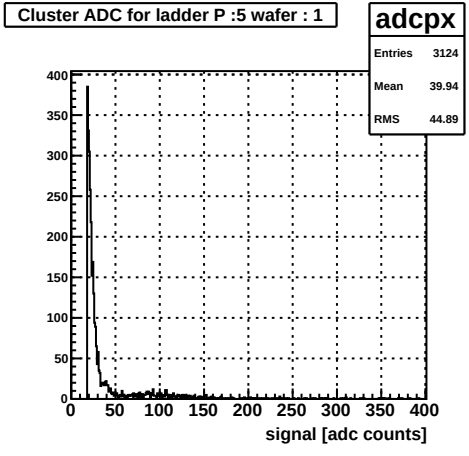

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1088
Mean 72.12
RMS 59.52
signal [adc counts]

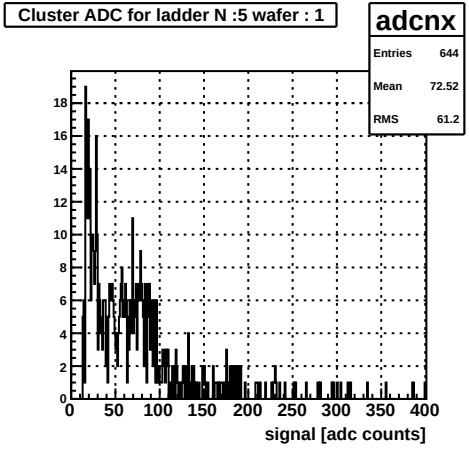

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1016
Mean 105.8
RMS 68.2
signal [adc counts]

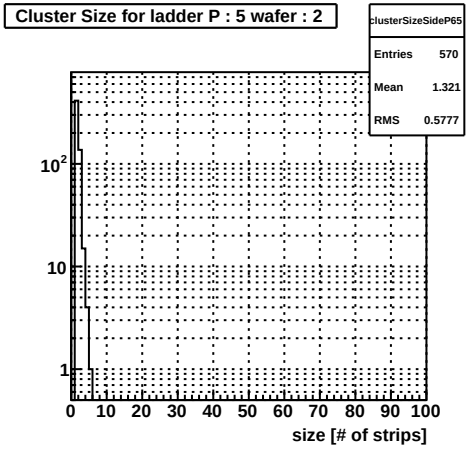

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 3124
Mean 1.132
RMS 0.4243
size [# of strips]

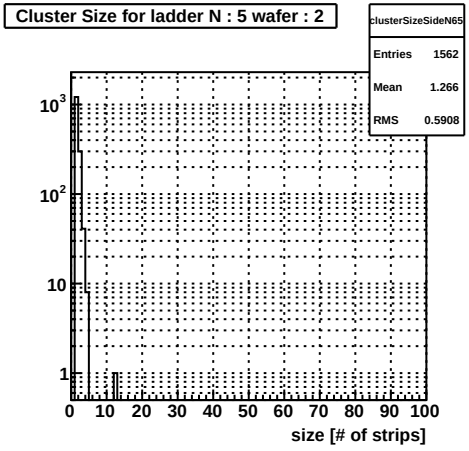

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 644
Mean 1.356
RMS 0.6589
size [# of strips]

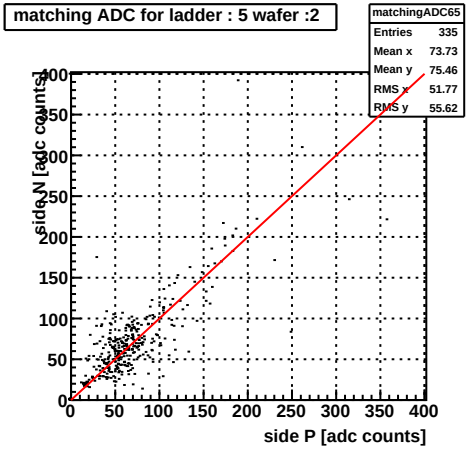

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 312
Mean x 78.83
Mean y 67.6
RMS x 59.86
RMS y 51.83
side N [adc counts]
side P [adc counts]

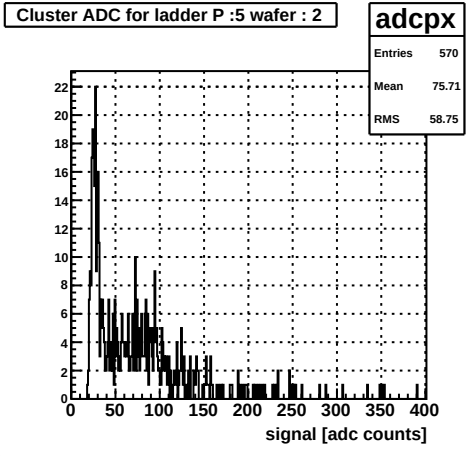

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 3124
Mean 39.94
RMS 44.89
signal [adc counts]

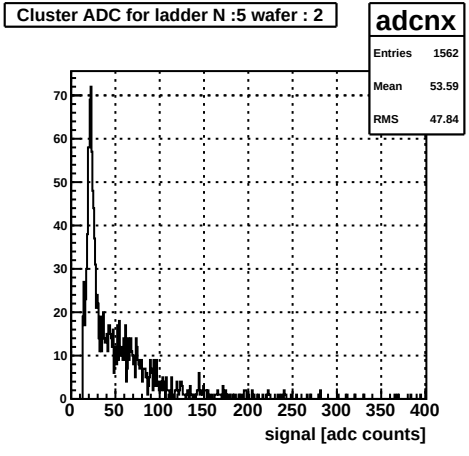

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 644
Mean 72.52
RMS 61.2
signal [adc counts]

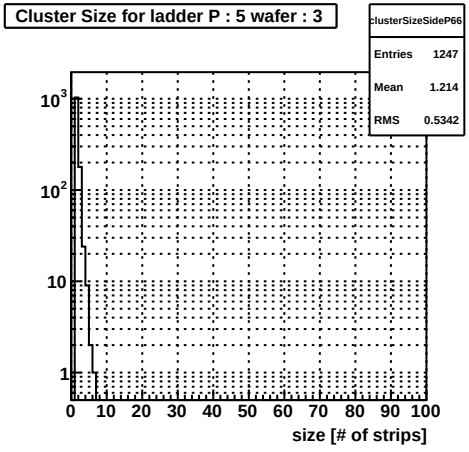

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 570
Mean 1.321
RMS 0.5777
size [# of strips]

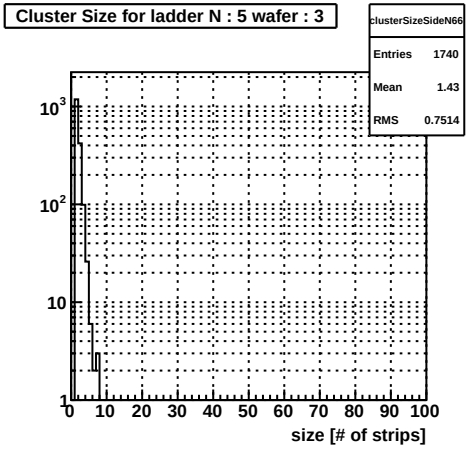

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 1562
Mean 1.266
RMS 0.5908
size [# of strips]

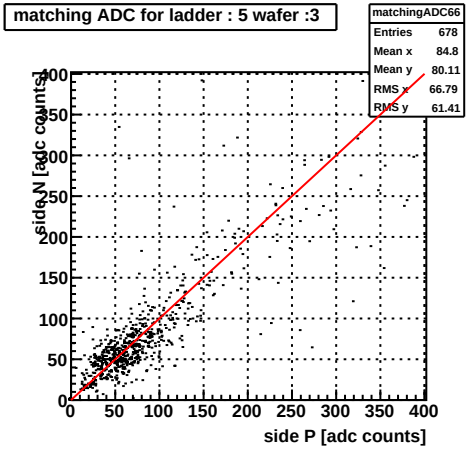

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 335
Mean x 73.73
Mean y 75.46
RMS x 51.77
RMS y 55.62
side N [adc counts]
side P [adc counts]

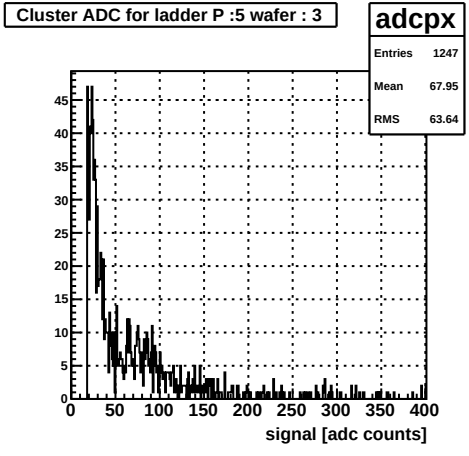

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 570
Mean 75.71
RMS 58.75
signal [adc counts]

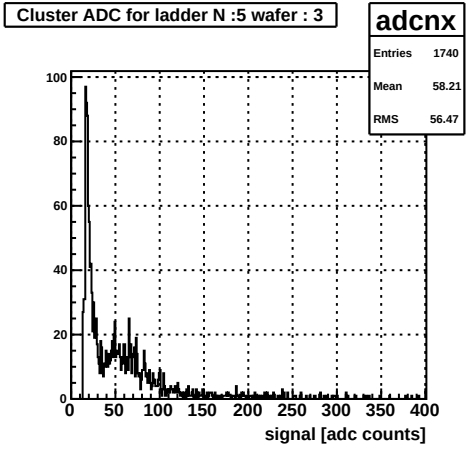

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 1562
Mean 53.59
RMS 47.84
signal [adc counts]

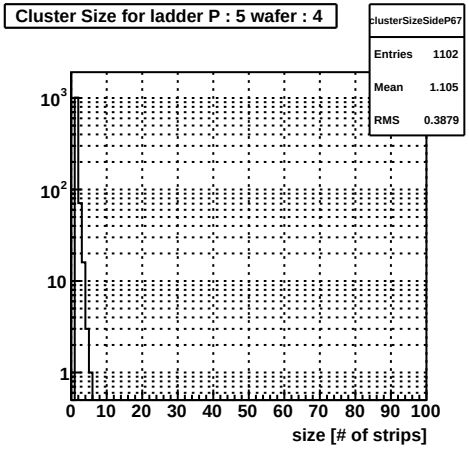

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 1247
Mean 1.214
RMS 0.5342
size [# of strips]

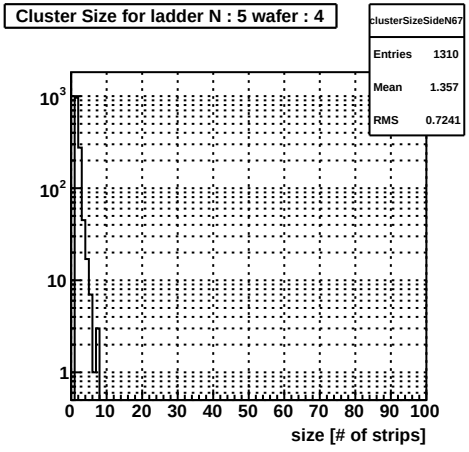

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1740
Mean 1.43
RMS 0.7514
size [# of strips]

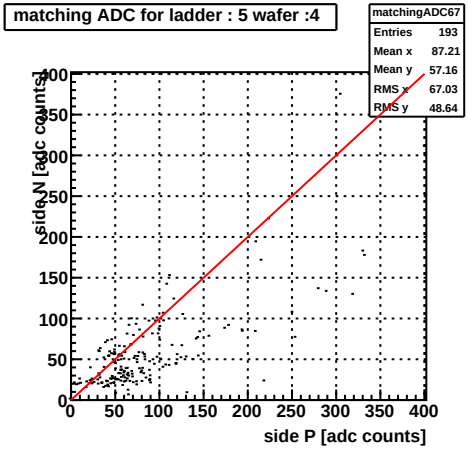

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 678
Mean x 84.8
Mean y 80.11
RMS x 66.79
RMS y 61.41
side N [adc counts]
side P [adc counts]

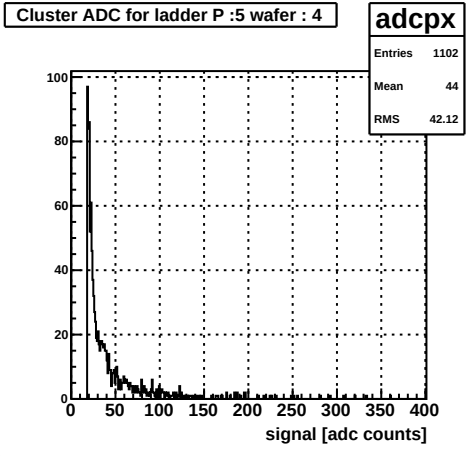

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 1247
Mean 67.95
RMS 63.64
signal [adc counts]

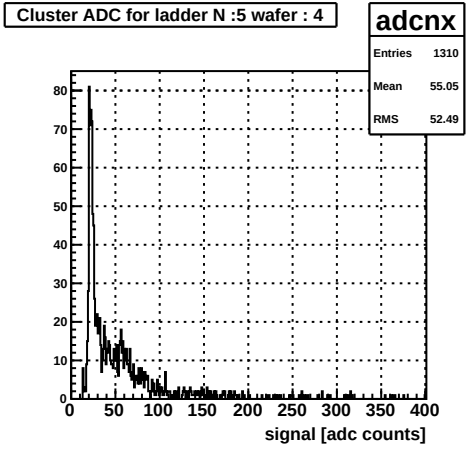

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1740
Mean 58.21
RMS 56.47
signal [adc counts]

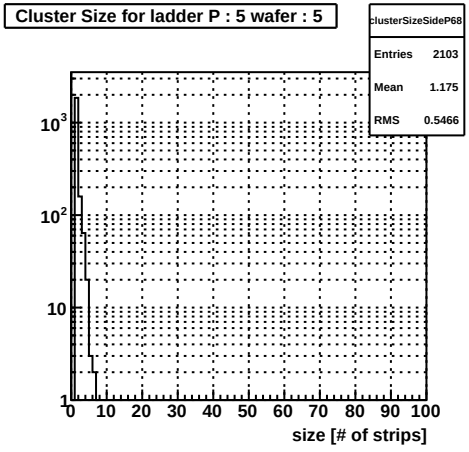

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 1102
Mean 1.105
RMS 0.3879
size [# of strips]

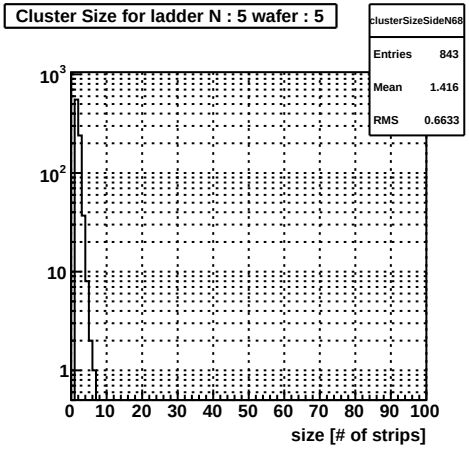

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1310
Mean 1.357
RMS 0.7241
size [# of strips]

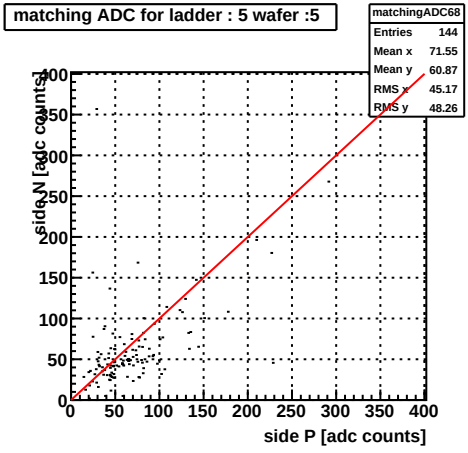

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 193
Mean x 87.21
Mean y 57.16
RMS x 67.03
RMS y 48.64
side N [adc counts]
side P [adc counts]

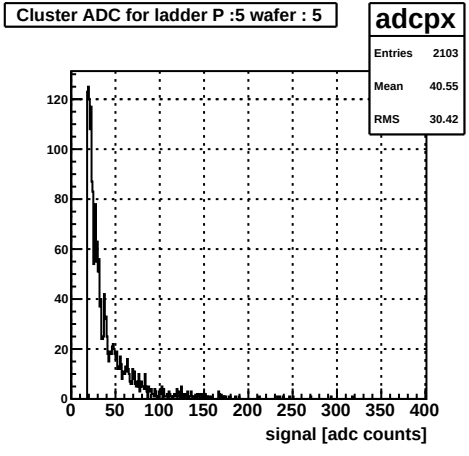

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 1102
Mean 44
RMS 42.12
signal [adc counts]

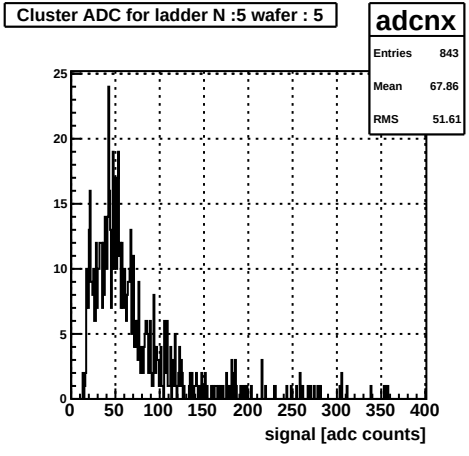

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1310
Mean 55.05
RMS 52.49
signal [adc counts]

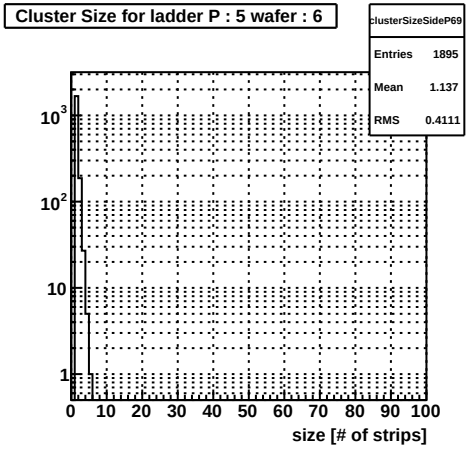

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2103
Mean 1.175
RMS 0.5466
size [# of strips]

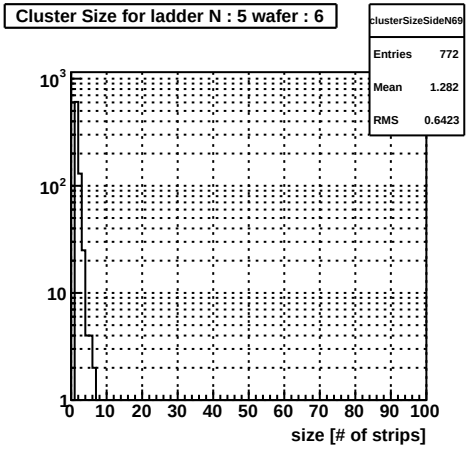

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 843
Mean 1.416
RMS 0.6633
size [# of strips]

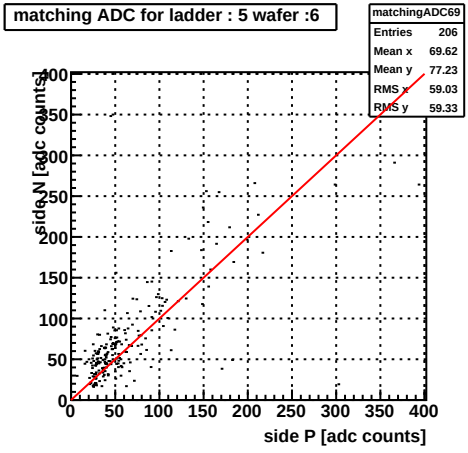

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 144
Mean x 71.55
Mean y 60.87
RMS x 45.17
RMS y 48.26
side N [adc counts]
side P [adc counts]

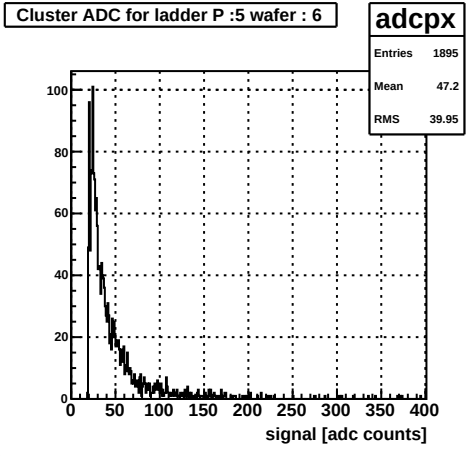

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2103
Mean 40.55
RMS 30.42
signal [adc counts]

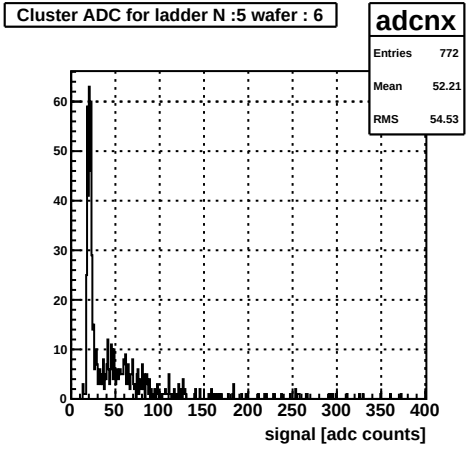

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 843
Mean 67.86
RMS 51.61
signal [adc counts]

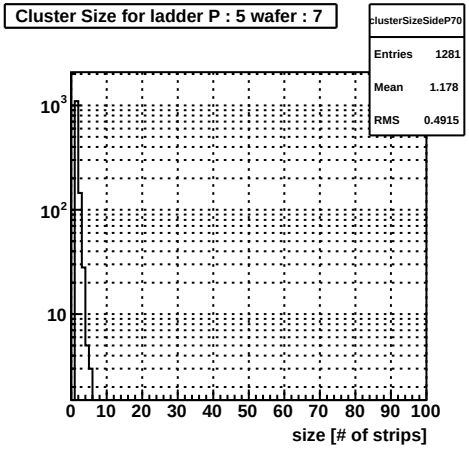

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 1895
Mean 1.137
RMS 0.4111
size [# of strips]

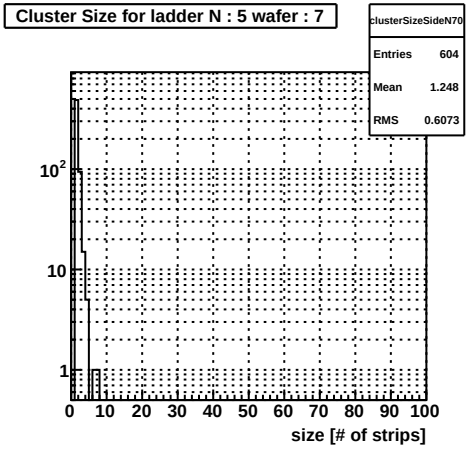

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 772
Mean 1.282
RMS 0.6423
size [# of strips]

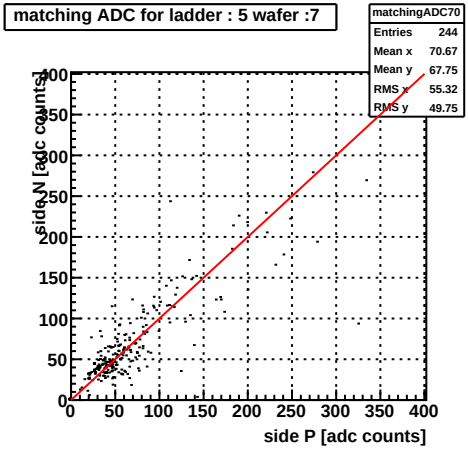

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 206
Mean x 69.62
Mean y 77.23
RMS x 59.03
RMS y 59.33
side N [adc counts]
side P [adc counts]

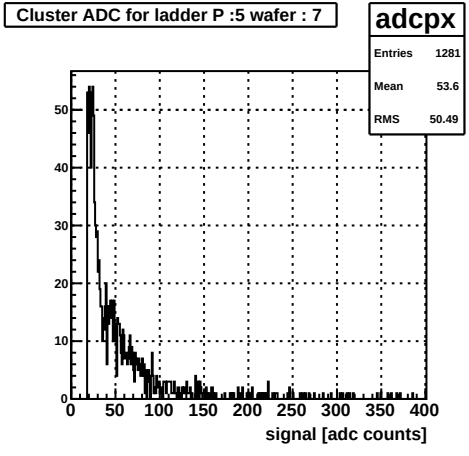

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 1895
Mean 47.2
RMS 39.95
signal [adc counts]

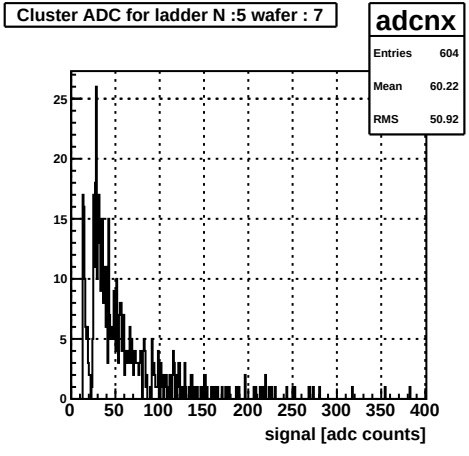

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 772
Mean 52.21
RMS 54.53
signal [adc counts]

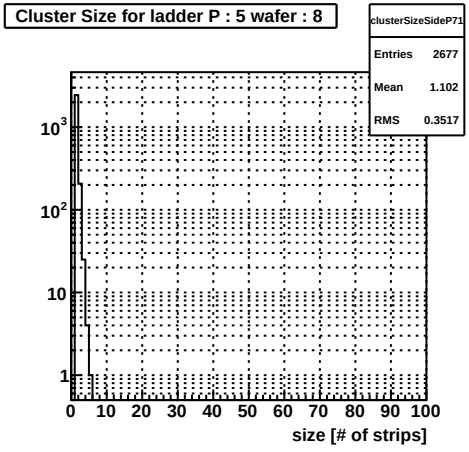

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 1281
Mean 1.178
RMS 0.4915
size [# of strips]

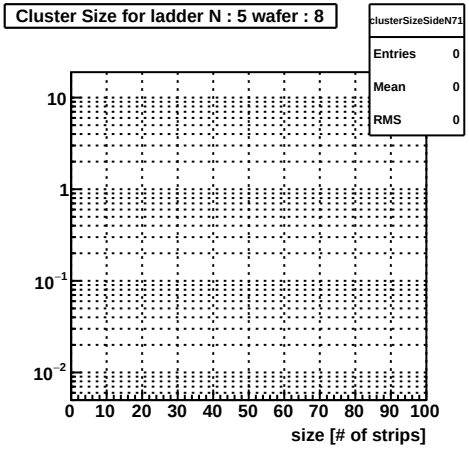

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 604
Mean 1.248
RMS 0.6073
size [# of strips]

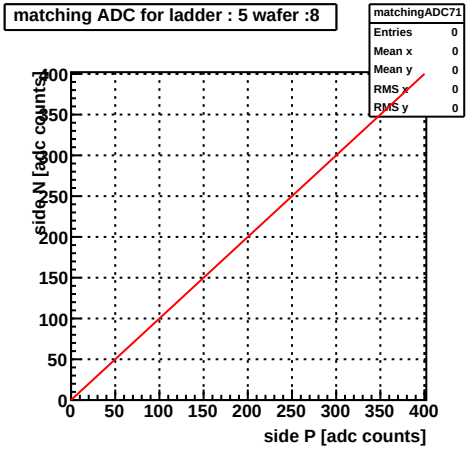

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 244
Mean x 70.67
Mean y 67.75
RMS x 55.32
RMS y 49.75
side N [adc counts]
side P [adc counts]

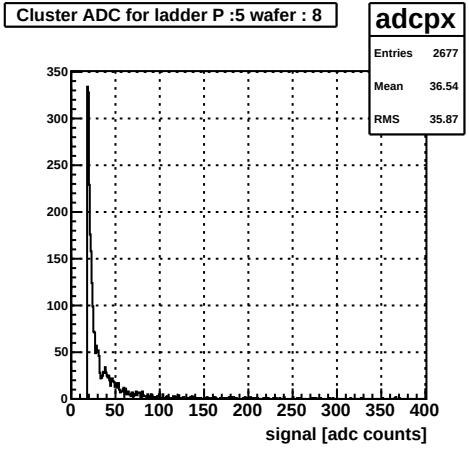

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 1281
Mean 53.6
RMS 50.49
signal [adc counts]

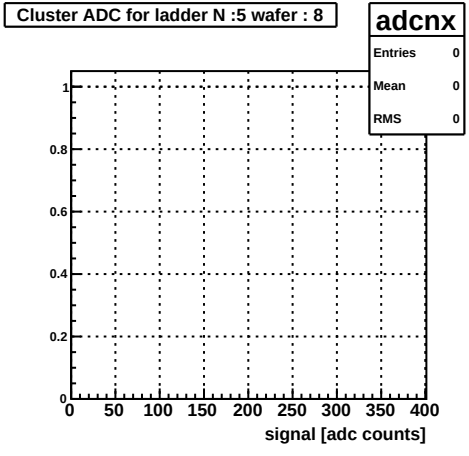

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 604
Mean 60.22
RMS 50.92
signal [adc counts]

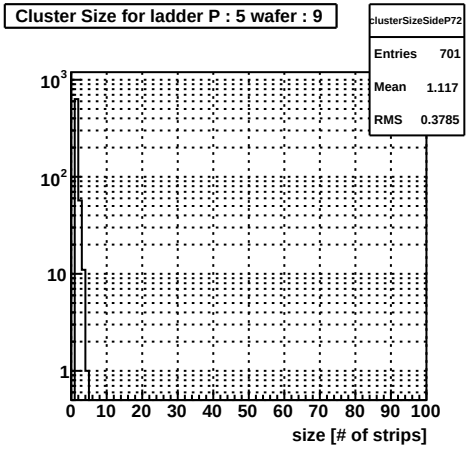

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 2677
Mean 1.102
RMS 0.3517
size [# of strips]

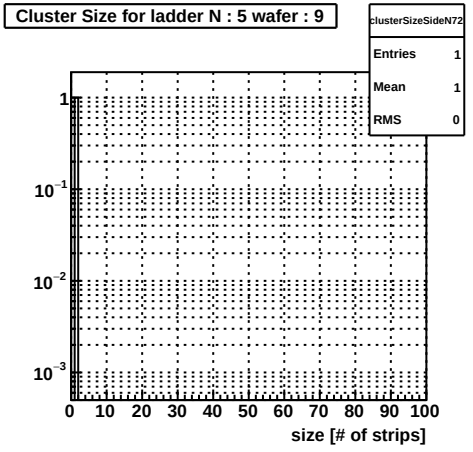

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

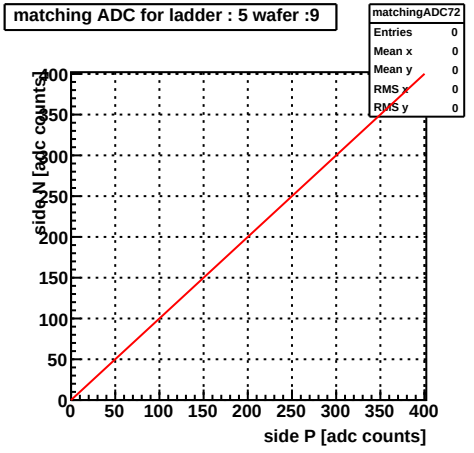

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

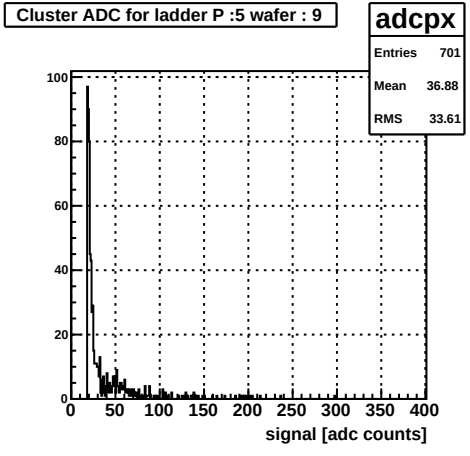

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 2677
Mean 36.54
RMS 35.87
signal [adc counts]

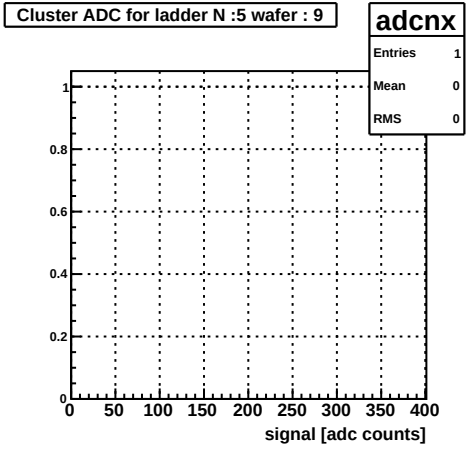

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

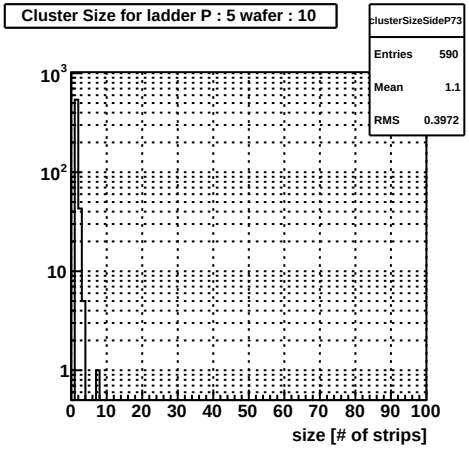

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 701
Mean 1.117
RMS 0.3785
size [# of strips]

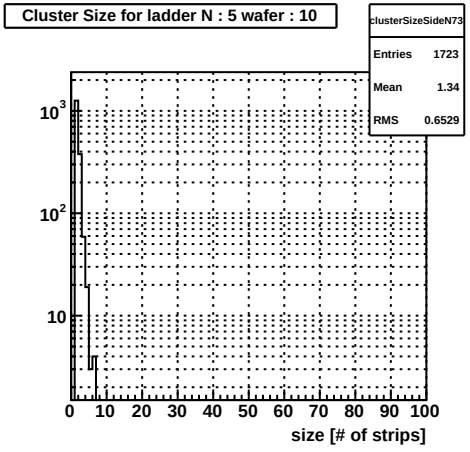

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

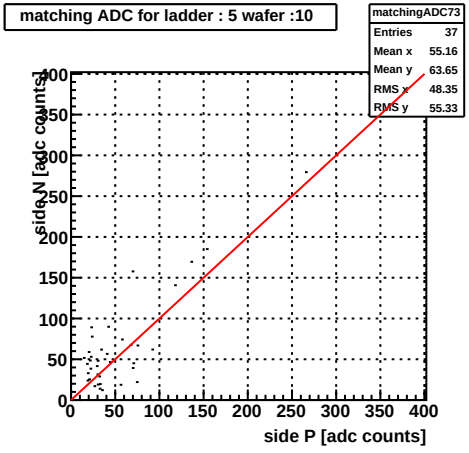

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

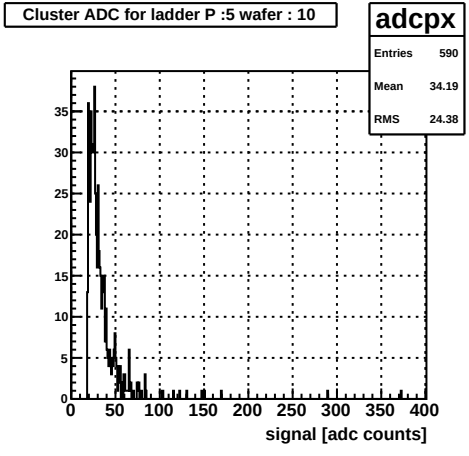

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 701
Mean 36.88
RMS 33.61
signal [adc counts]

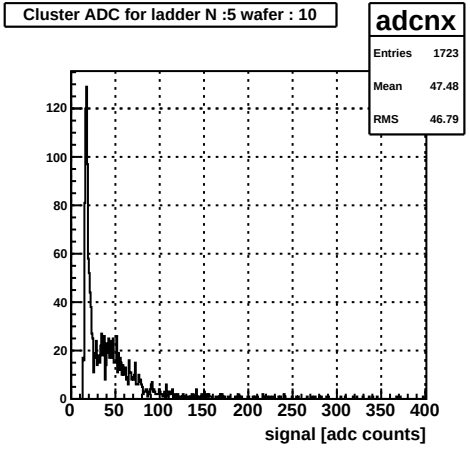

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

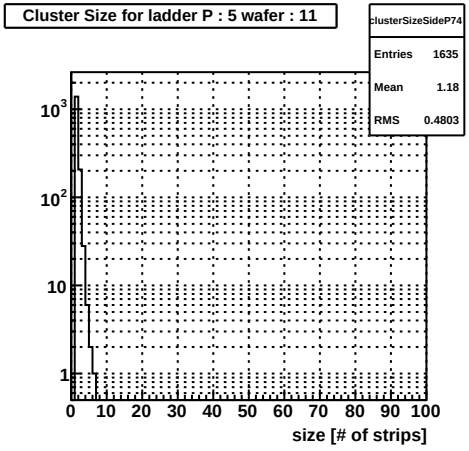

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 590
Mean 1.1
RMS 0.3972
size [# of strips]

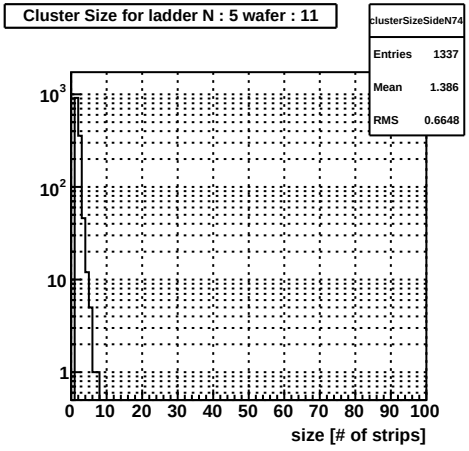

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 1723
Mean 1.34
RMS 0.6529
size [# of strips]

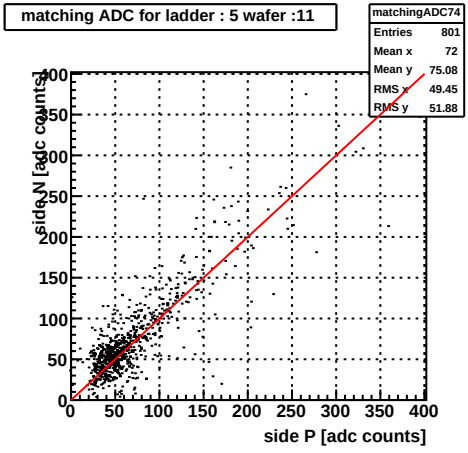

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 37
Mean x 55.16
Mean y 63.65
RMS x 48.35
RMS y 55.33
side N [adc counts]
side P [adc counts]

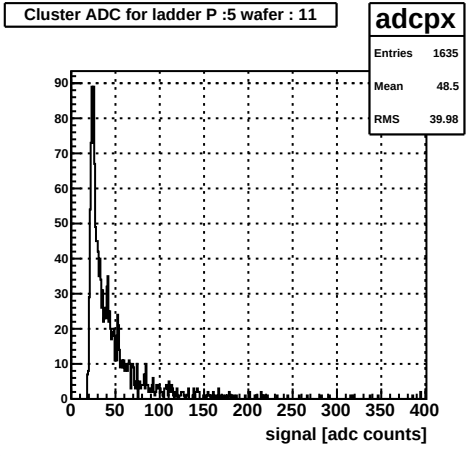

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 590
Mean 34.19
RMS 24.38
signal [adc counts]

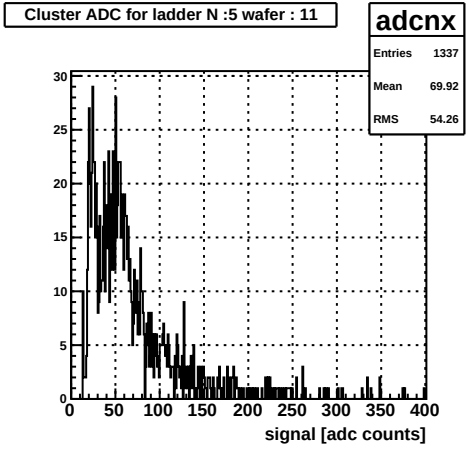

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 1723
Mean 47.48
RMS 46.79
signal [adc counts]

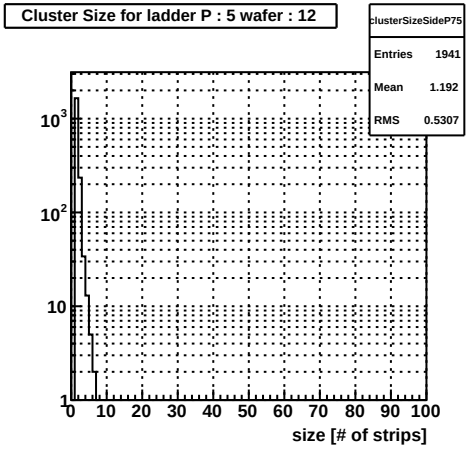

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 1635
Mean 1.18
RMS 0.4803
size [# of strips]

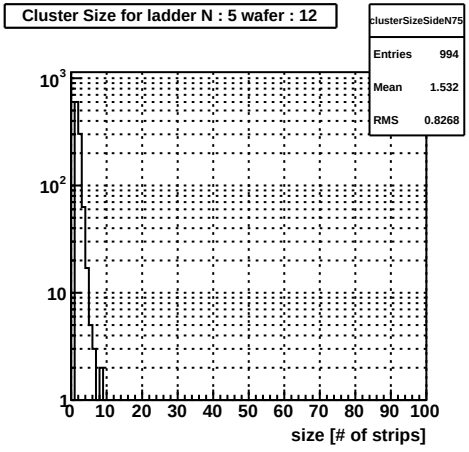

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1337
Mean 1.386
RMS 0.6648
size [# of strips]

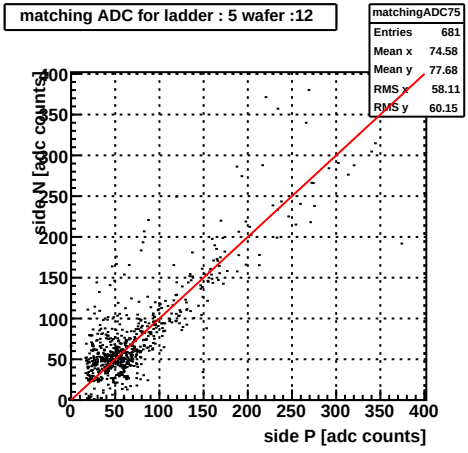

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 801
Mean x 72
Mean y 75.08
RMS x 49.45
RMS y 51.88
side N [adc counts]
side P [adc counts]

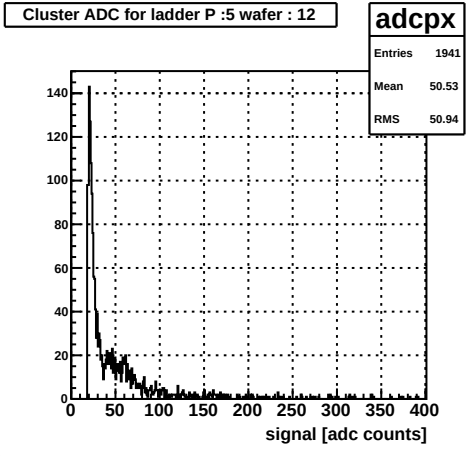

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 1635
Mean 48.5
RMS 39.98
signal [adc counts]

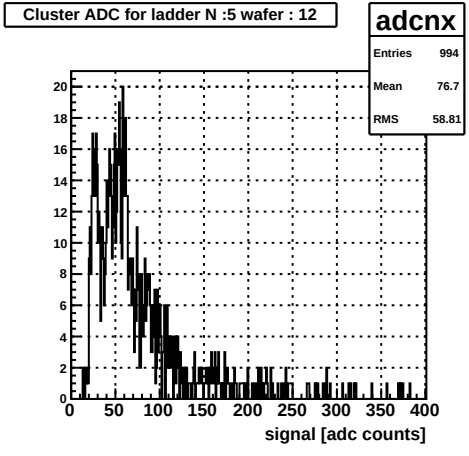

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1337
Mean 69.92
RMS 54.26
signal [adc counts]

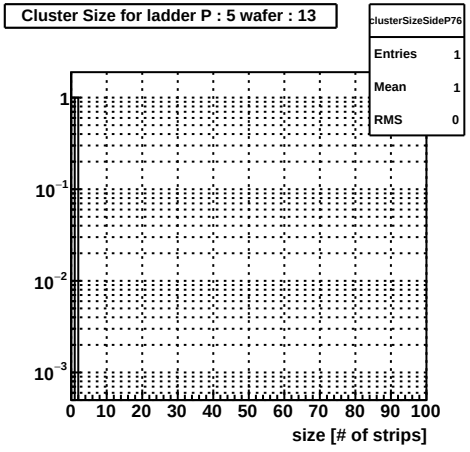

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 1941
Mean 1.192
RMS 0.5307
size [# of strips]

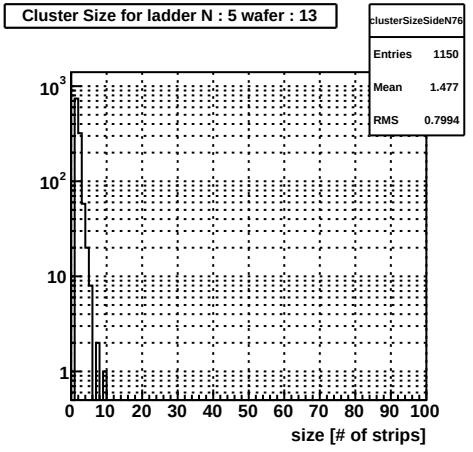

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 994
Mean 1.532
RMS 0.8268
size [# of strips]

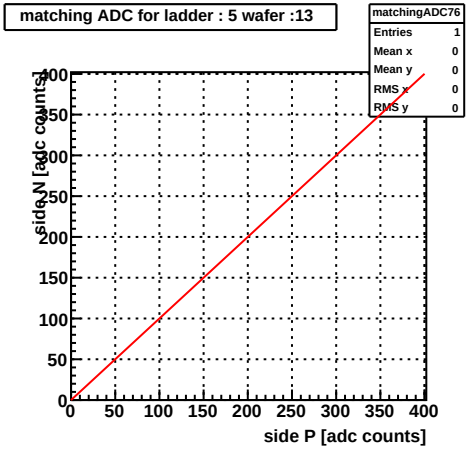

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 681
Mean x 74.58
Mean y 77.68
RMS x 58.11
RMS y 60.15
side N [adc counts]
side P [adc counts]

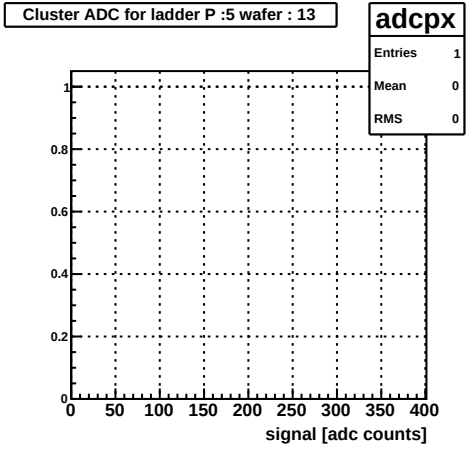

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 1941
Mean 50.53
RMS 50.94
signal [adc counts]

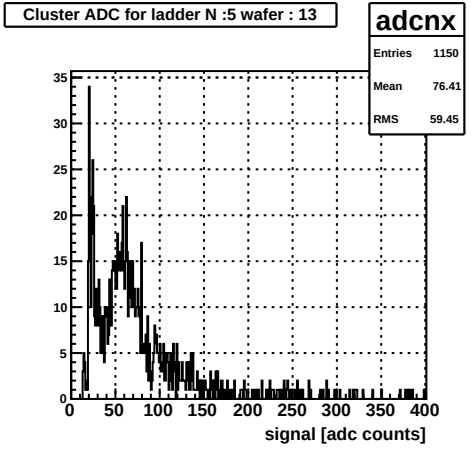

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 994
Mean 76.7
RMS 58.81
signal [adc counts]

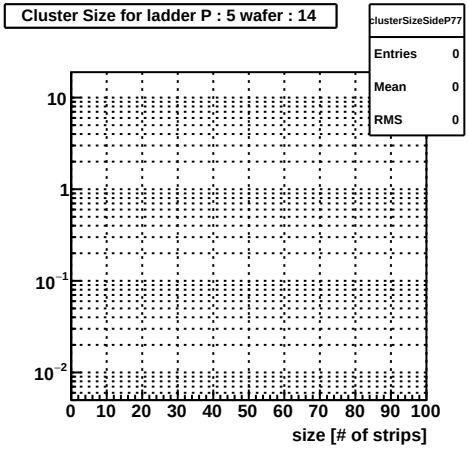

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

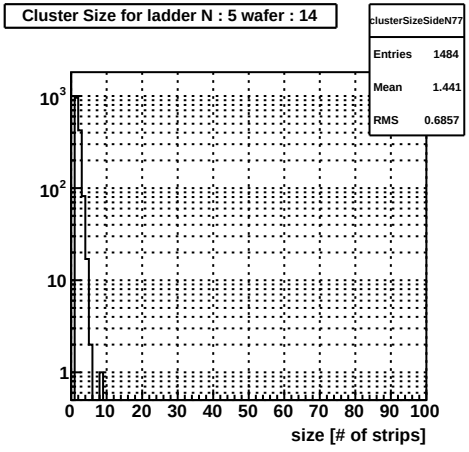

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1150
Mean 1.477
RMS 0.7994
size [# of strips]

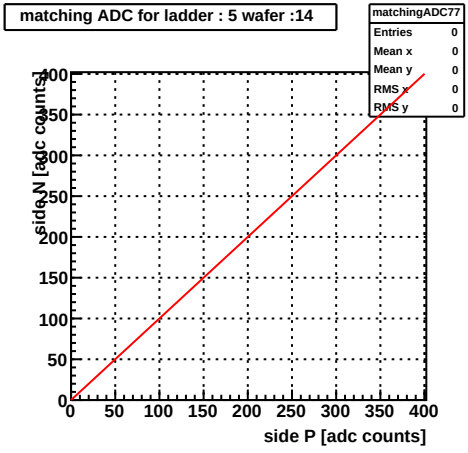

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

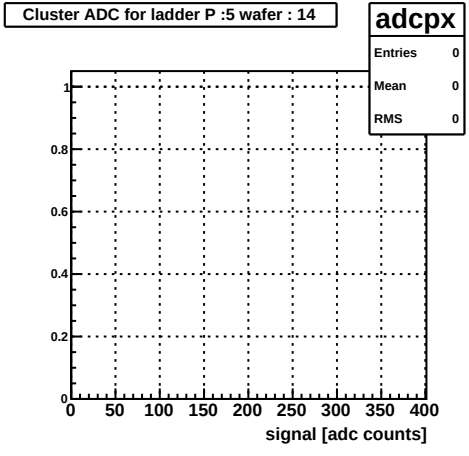

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

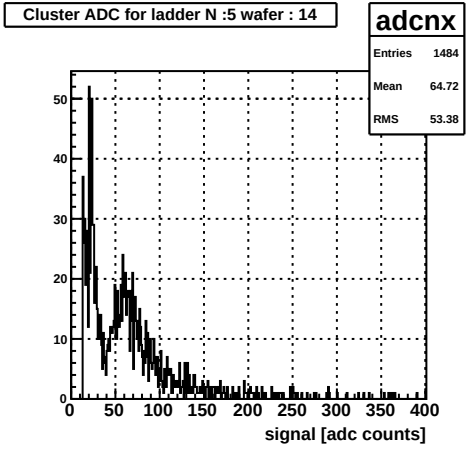

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1150
Mean 76.41
RMS 59.45
signal [adc counts]

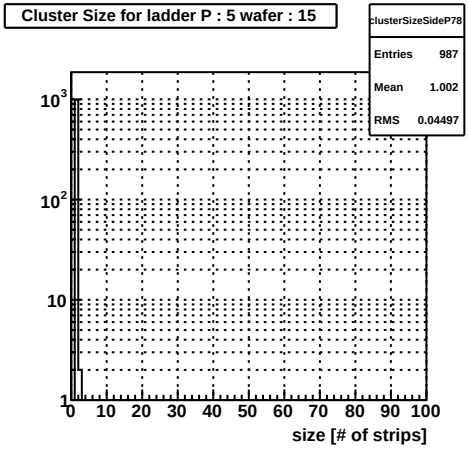

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

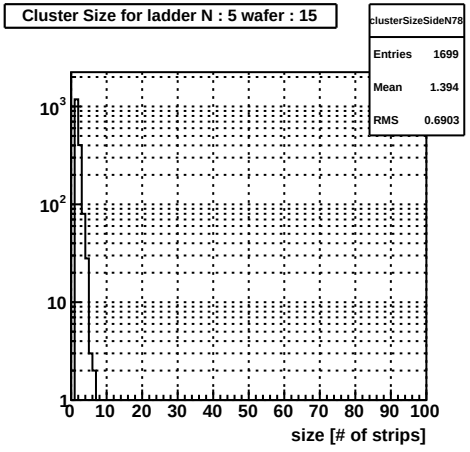

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1484
Mean 1.441
RMS 0.6857
size [# of strips]

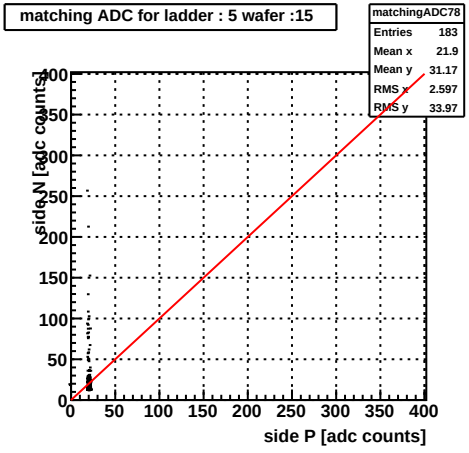

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

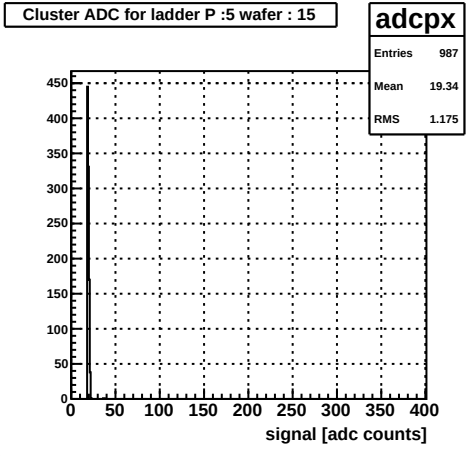

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

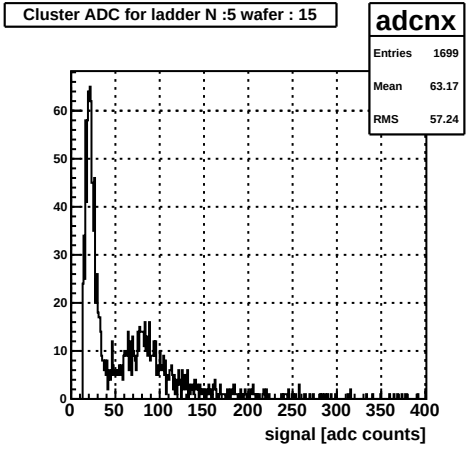

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1484
Mean 64.72
RMS 53.38
signal [adc counts]

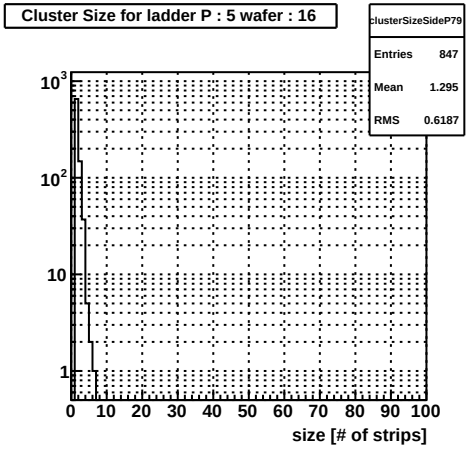

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 987
Mean 1.002
RMS 0.04497
size [# of strips]

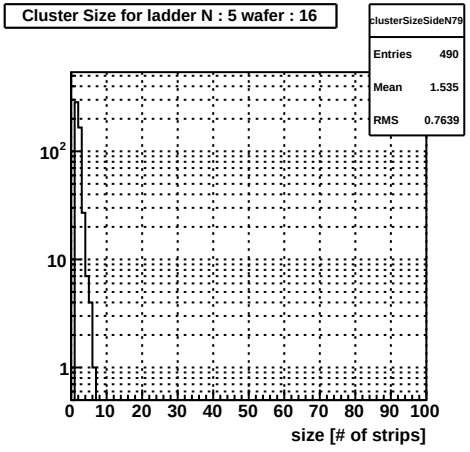

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1699
Mean 1.394
RMS 0.6903
size [# of strips]

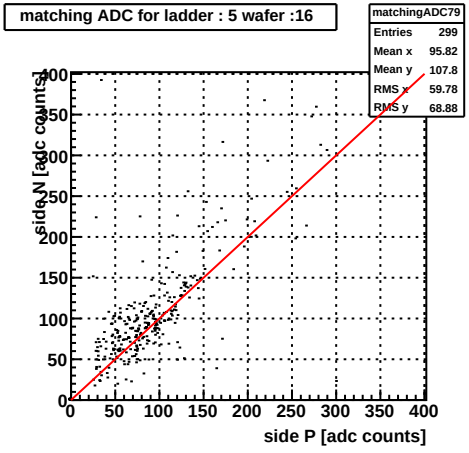

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 183
Mean x 21.9
Mean y 31.17
RMS x 2.597
RMS y 33.97
side N [adc counts]
side P [adc counts]

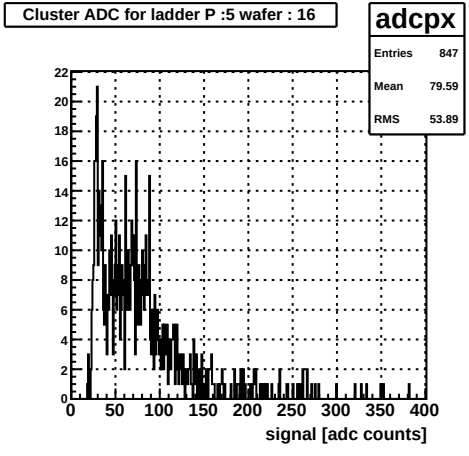

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 987
Mean 19.34
RMS 1.175
signal [adc counts]

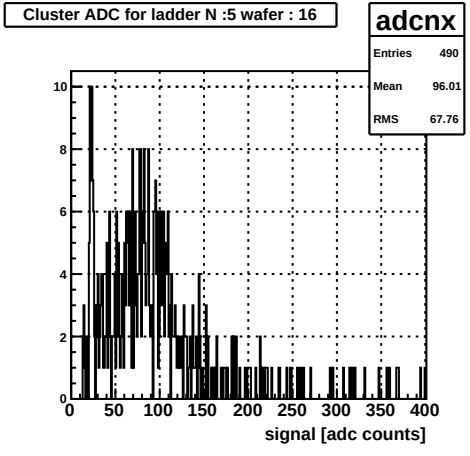

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1699
Mean 63.17
RMS 57.24
signal [adc counts]

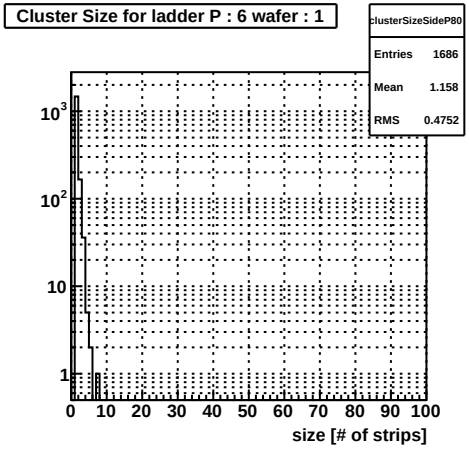

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 847
Mean 1.295
RMS 0.6187
size [# of strips]

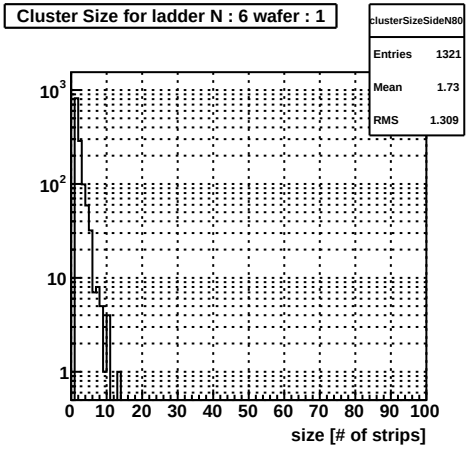

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 490
Mean 1.535
RMS 0.7639
size [# of strips]

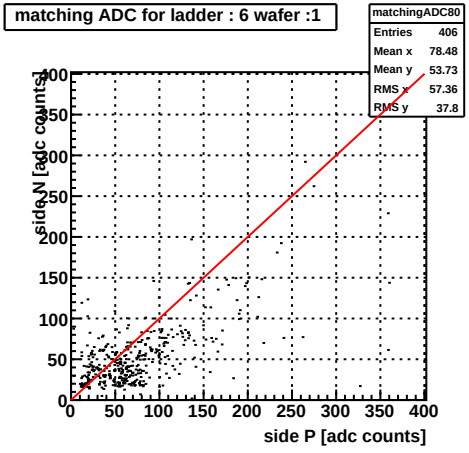

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 299
Mean x 95.82
Mean y 107.8
RMS x 59.78
RMS y 68.88
side N [adc counts]
side P [adc counts]

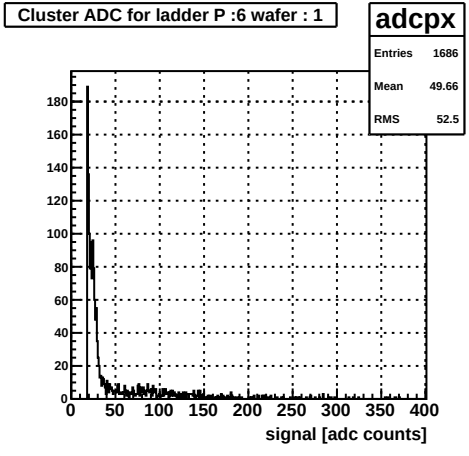

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 847
Mean 79.59
RMS 53.89
signal [adc counts]

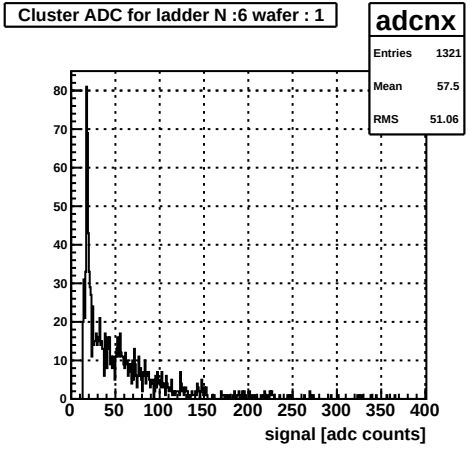

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 490
Mean 96.01
RMS 67.76
signal [adc counts]

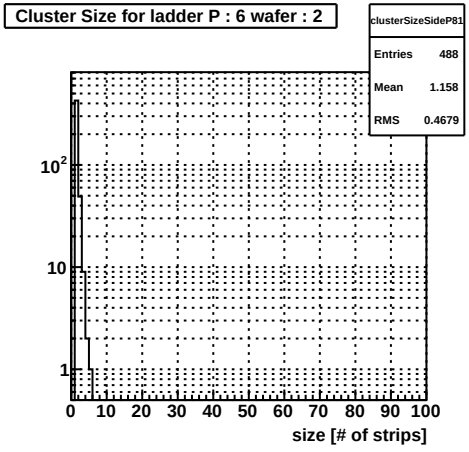

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 1686
Mean 1.158
RMS 0.4752
size [# of strips]

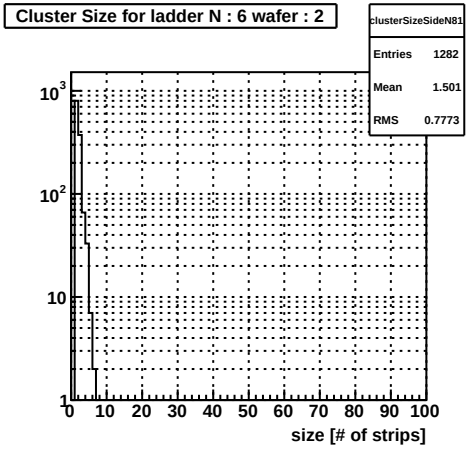

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1321
Mean 1.73
RMS 1.309
size [# of strips]

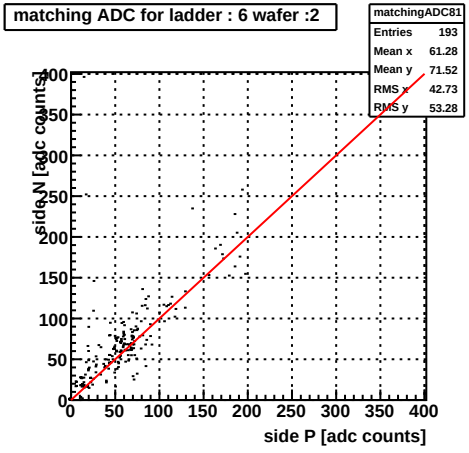

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 406
Mean x 78.48
Mean y 53.73
RMS x 57.36
RMS y 37.8
side N [adc counts]
side P [adc counts]

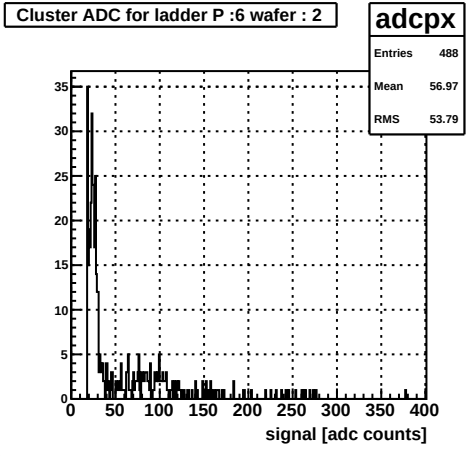

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 1686
Mean 49.66
RMS 52.5
signal [adc counts]

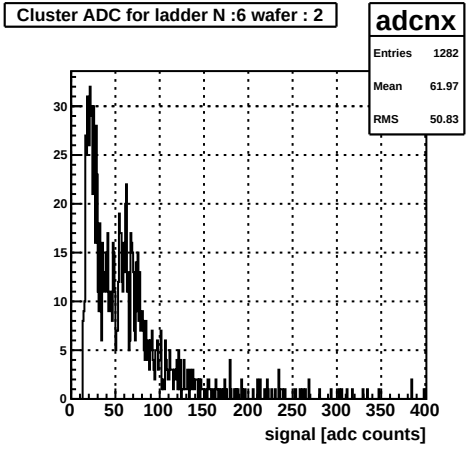

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1321
Mean 57.5
RMS 51.06
signal [adc counts]

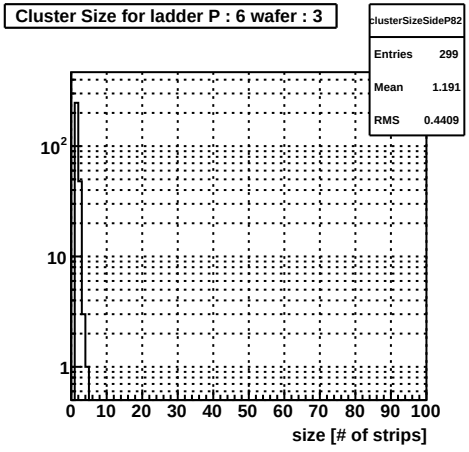

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 488
Mean 1.158
RMS 0.4679
size [# of strips]

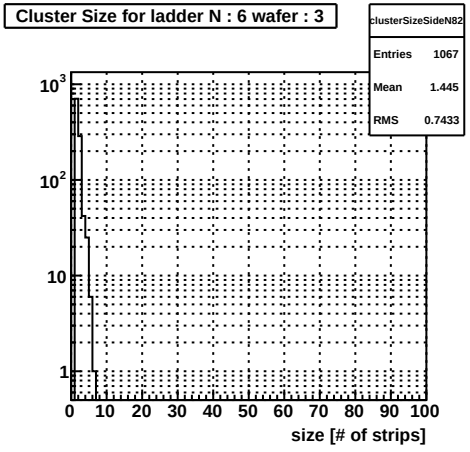

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1282
Mean 1.501
RMS 0.7773
size [# of strips]

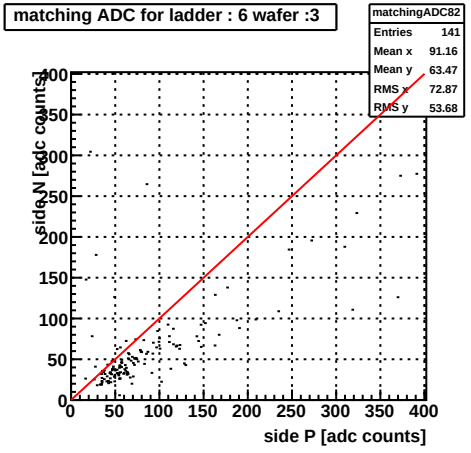

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 193
Mean x 61.28
Mean y 71.52
RMS x 42.73
RMS y 53.28
side N [adc counts]
side P [adc counts]

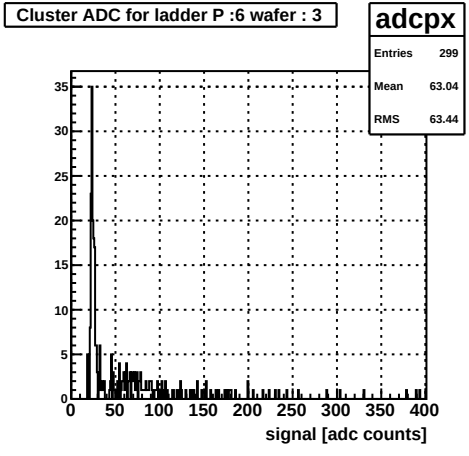

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 488
Mean 56.97
RMS 53.79
signal [adc counts]

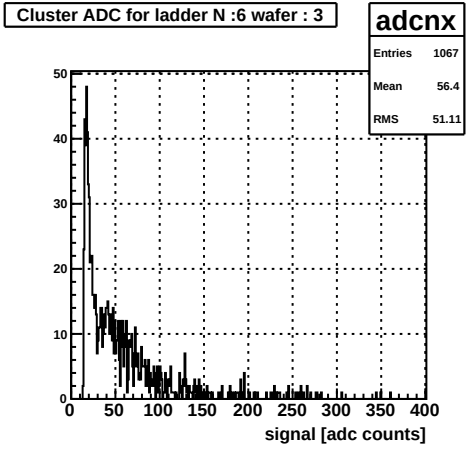

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1282
Mean 61.97
RMS 50.83
signal [adc counts]

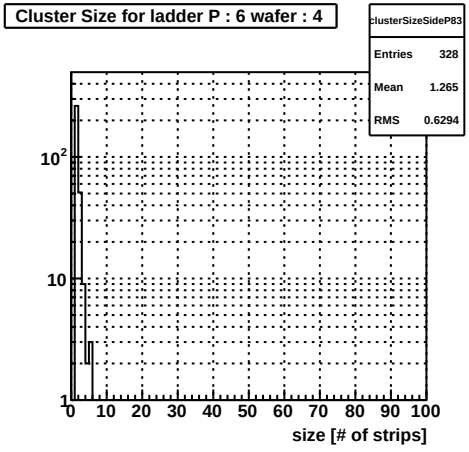

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 299
Mean 1.191
RMS 0.4409
size [# of strips]

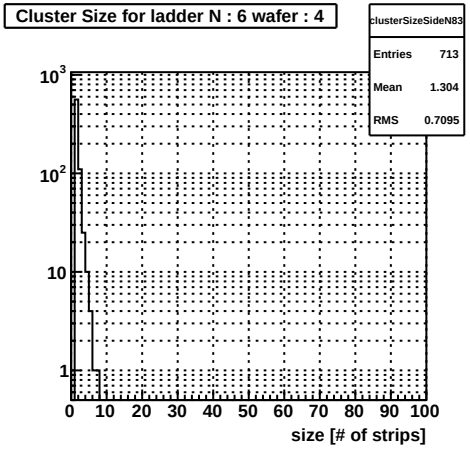

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1067
Mean 1.445
RMS 0.7433
size [# of strips]

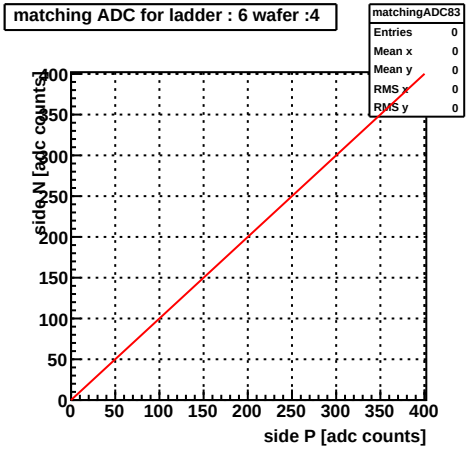

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 141
Mean x 91.16
Mean y 63.47
RMS x 72.87
RMS y 53.68
side N [adc counts]
side P [adc counts]

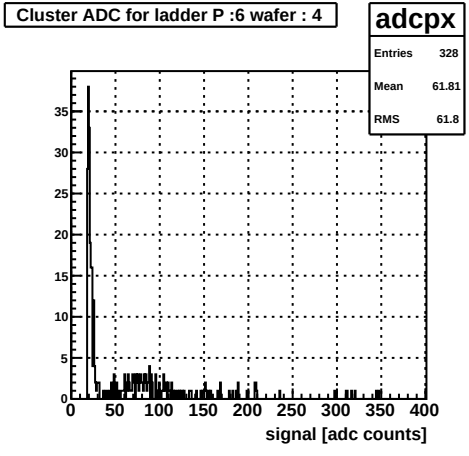

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 299
Mean 63.04
RMS 63.44
signal [adc counts]

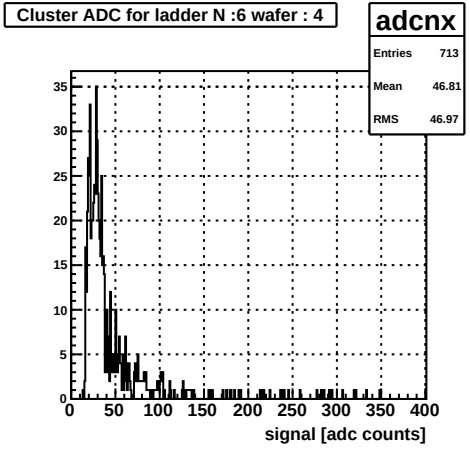

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1067
Mean 56.4
RMS 51.11
signal [adc counts]

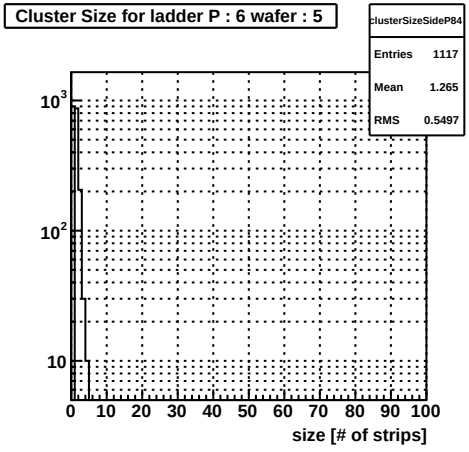

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 328
Mean 1.265
RMS 0.6294
size [# of strips]

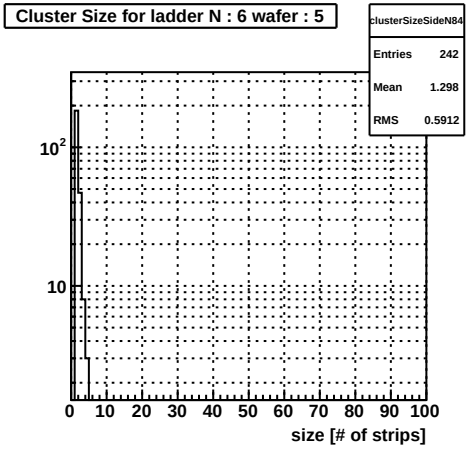

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 713
Mean 1.304
RMS 0.7095
size [# of strips]

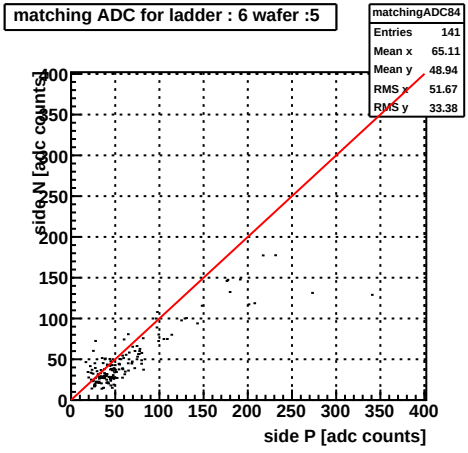

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

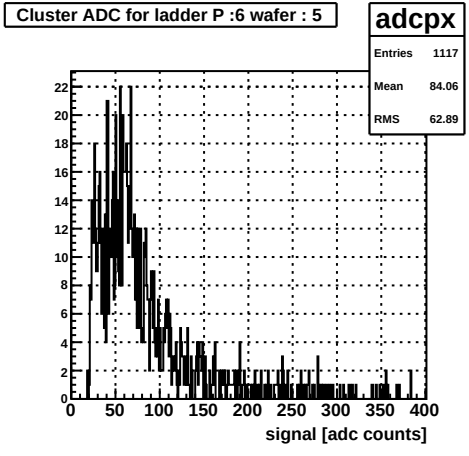

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 328
Mean 61.81
RMS 61.8
signal [adc counts]

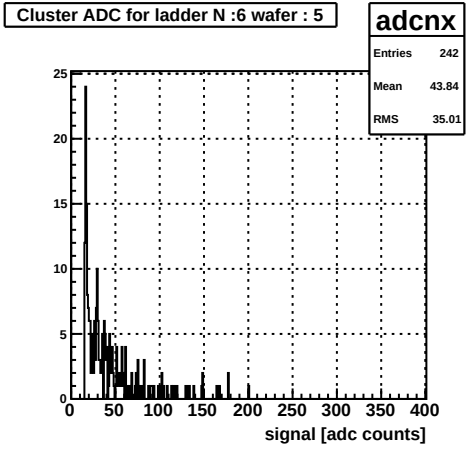

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 713
Mean 46.81
RMS 46.97
signal [adc counts]

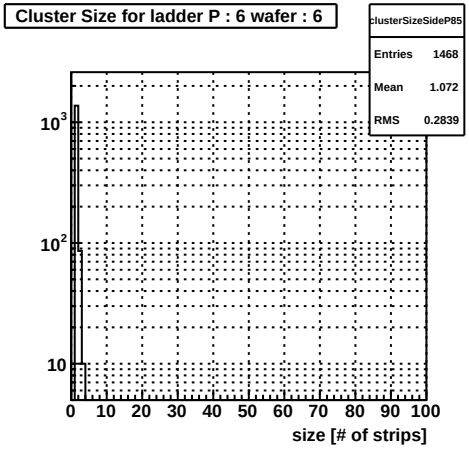

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1117
Mean 1.265
RMS 0.5497
size [# of strips]

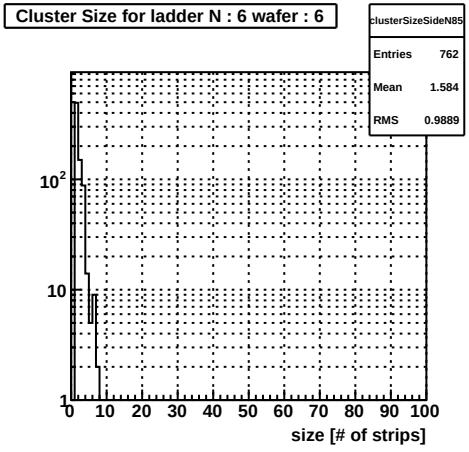

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 242
Mean 1.298
RMS 0.5912
size [# of strips]

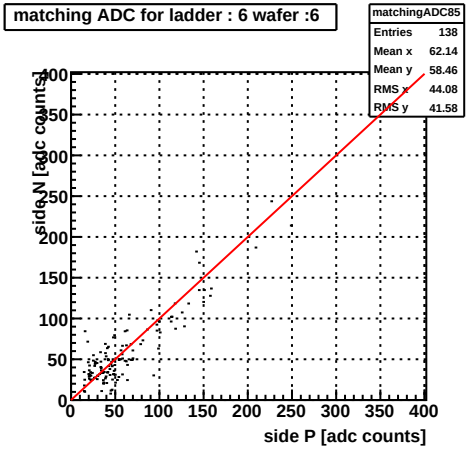

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 141
Mean x 65.11
Mean y 48.94
RMS x 51.67
RMS y 33.38
side N [adc counts]
side P [adc counts]

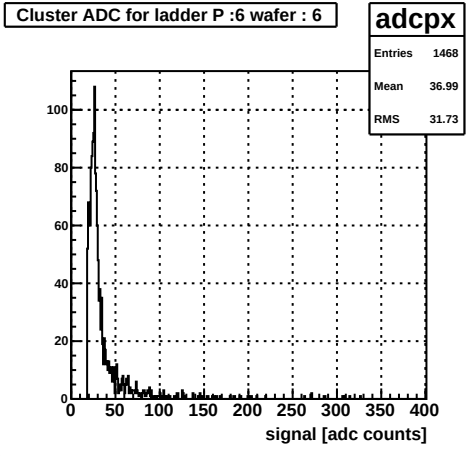

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1117
Mean 84.06
RMS 62.89
signal [adc counts]

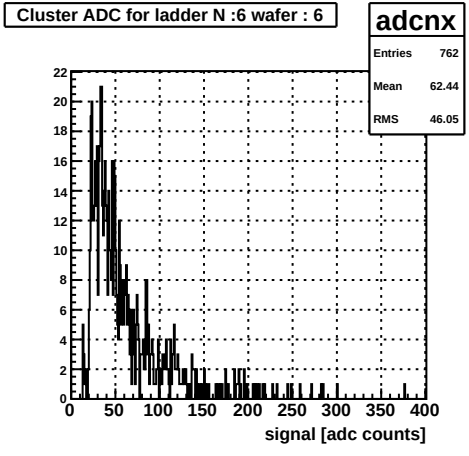

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 242
Mean 43.84
RMS 35.01
signal [adc counts]

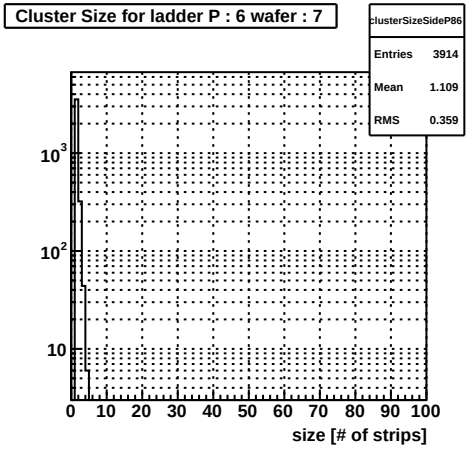

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 1468
Mean 1.072
RMS 0.2839
size [# of strips]

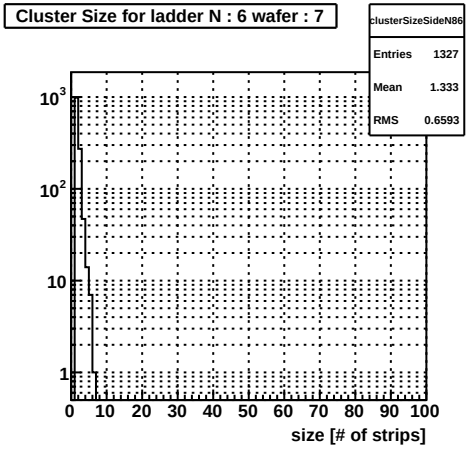

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 762
Mean 1.584
RMS 0.9889
size [# of strips]

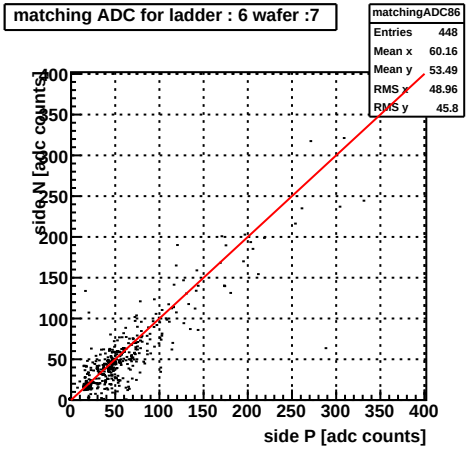

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 138
Mean x 62.14
Mean y 58.46
RMS x 44.08
RMS y 41.58
side N [adc counts]
side P [adc counts]

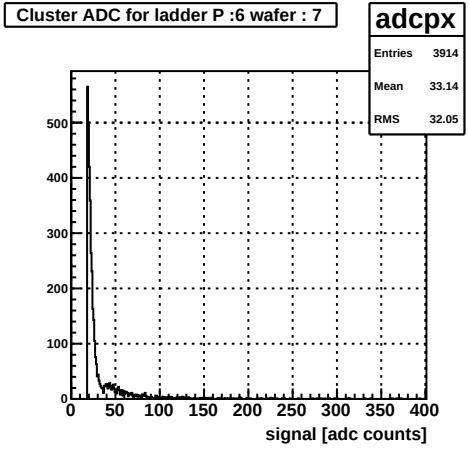

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 1468
Mean 36.99
RMS 31.73
signal [adc counts]

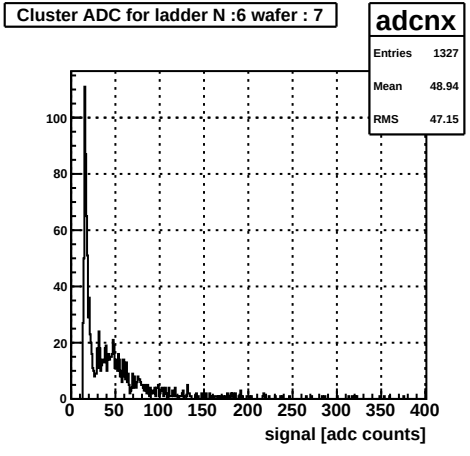

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 762
Mean 62.44
RMS 46.05
signal [adc counts]

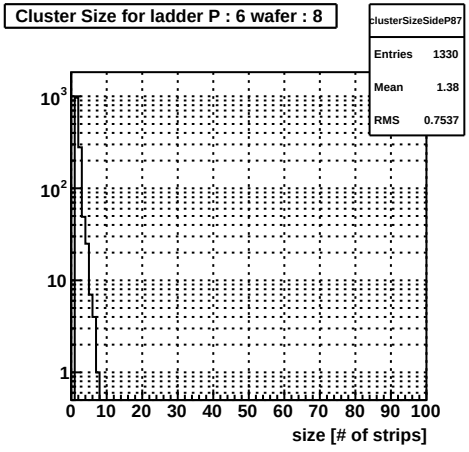

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 3914
Mean 1.109
RMS 0.359
size [# of strips]

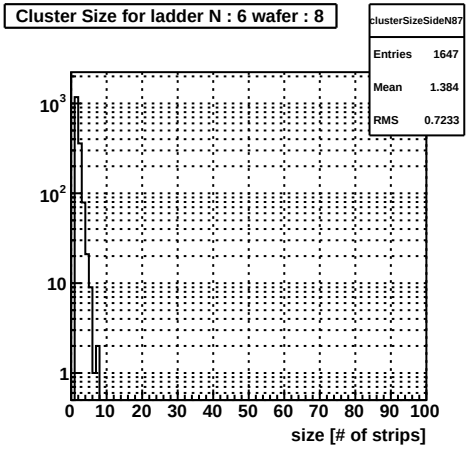

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1327
Mean 1.333
RMS 0.6593
size [# of strips]

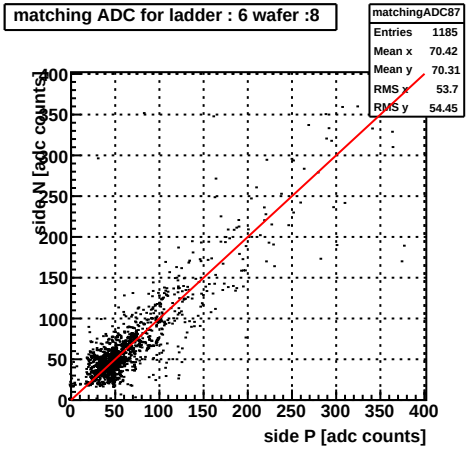

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 448
Mean x 60.16
Mean y 53.49
RMS x 48.96
RMS y 45.8
side N [adc counts]
side P [adc counts]

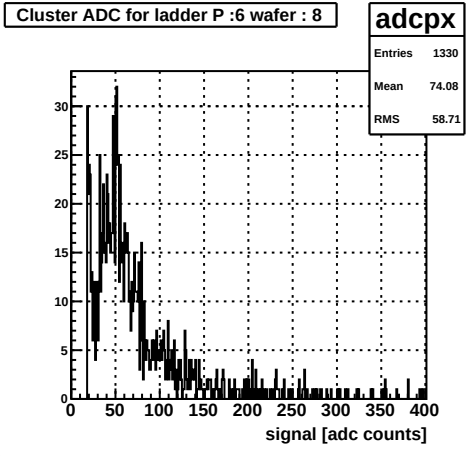

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 3914
Mean 33.14
RMS 32.05
signal [adc counts]

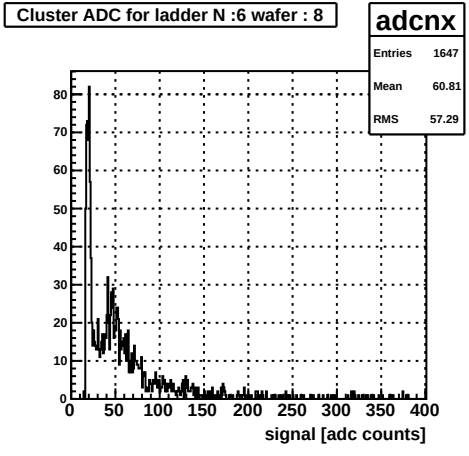

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1327
Mean 48.94
RMS 47.15
signal [adc counts]

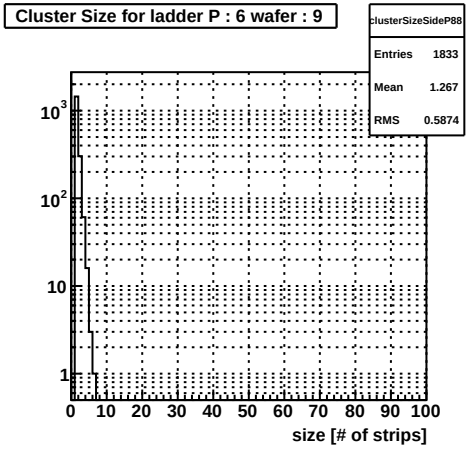

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1330
Mean 1.38
RMS 0.7537
size [# of strips]

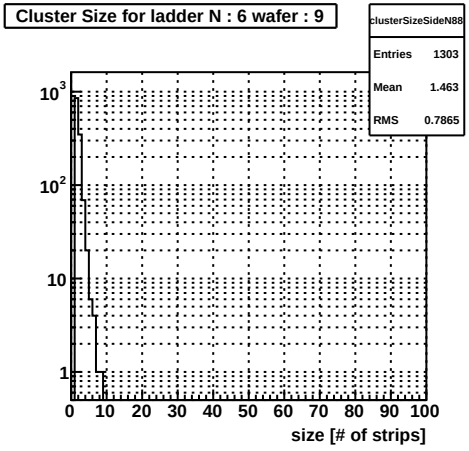

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1647
Mean 1.384
RMS 0.7233
size [# of strips]

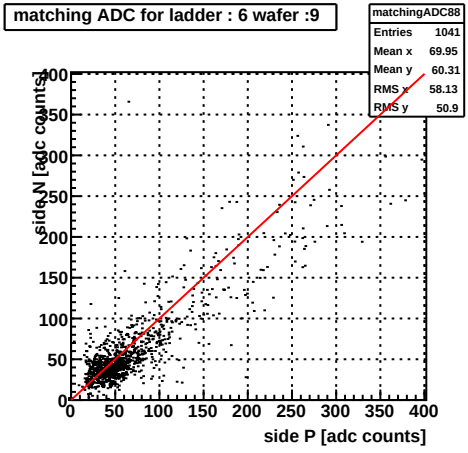

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1185
Mean x 70.42
Mean y 70.31
RMS x 53.7
RMS y 54.45
side N [adc counts]
side P [adc counts]

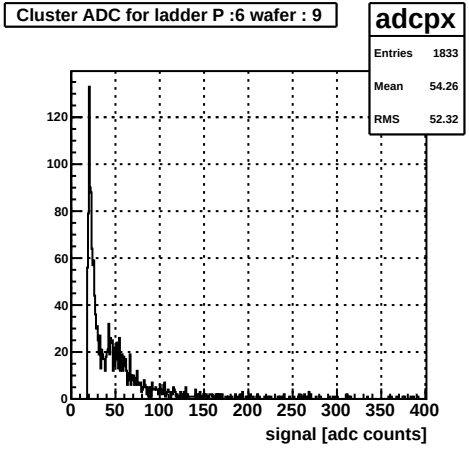

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1330
Mean 74.08
RMS 58.71
signal [adc counts]

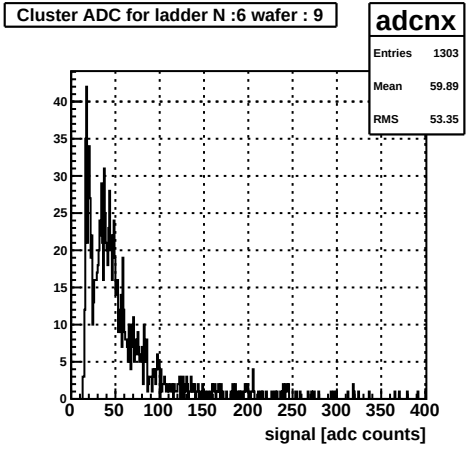

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1647
Mean 60.81
RMS 57.29
signal [adc counts]

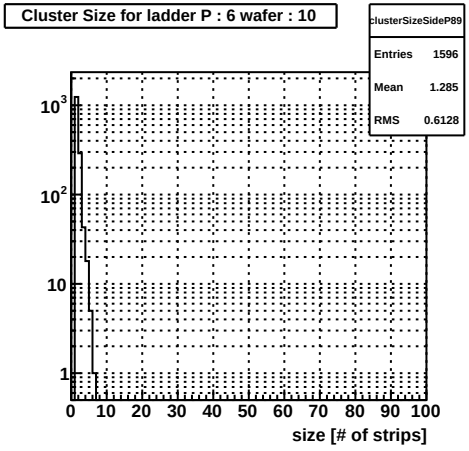

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 1833
Mean 1.267
RMS 0.5874
size [# of strips]

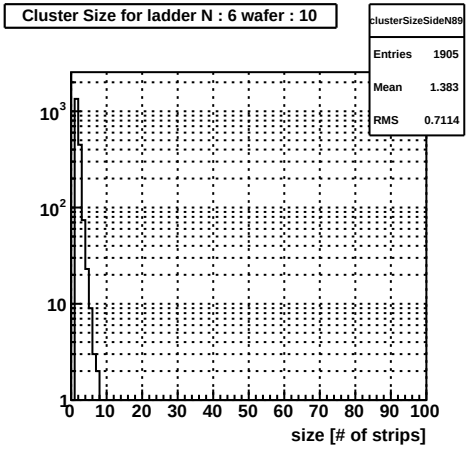

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1303
Mean 1.463
RMS 0.7865
size [# of strips]

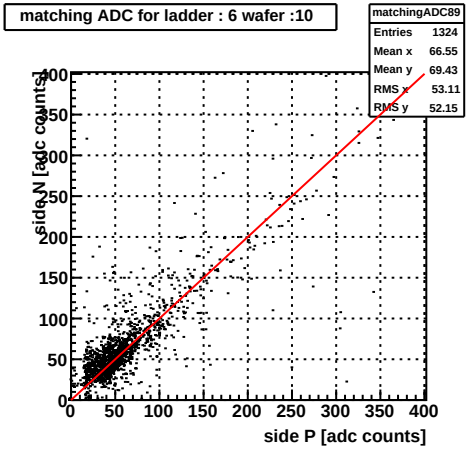

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1041
Mean x 69.95
Mean y 60.31
RMS x 58.13
RMS y 50.9
side N [adc counts]
side P [adc counts]

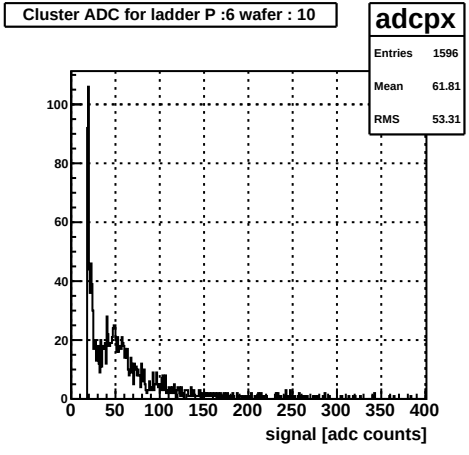

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 1833
Mean 54.26
RMS 52.32
signal [adc counts]

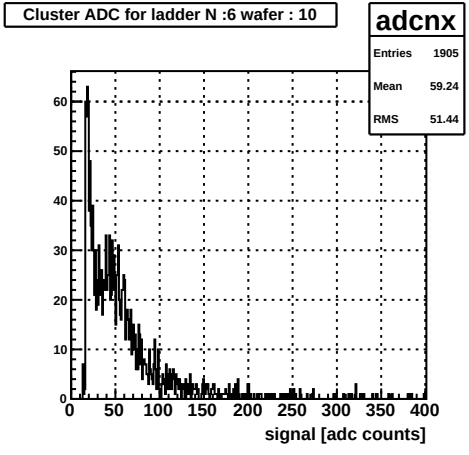

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1303
Mean 59.89
RMS 53.35
signal [adc counts]

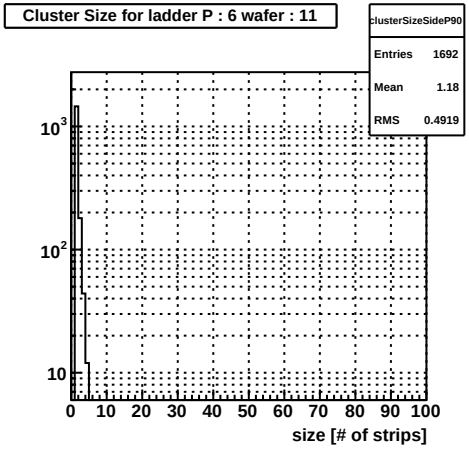

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1596
Mean 1.285
RMS 0.6128
size [# of strips]

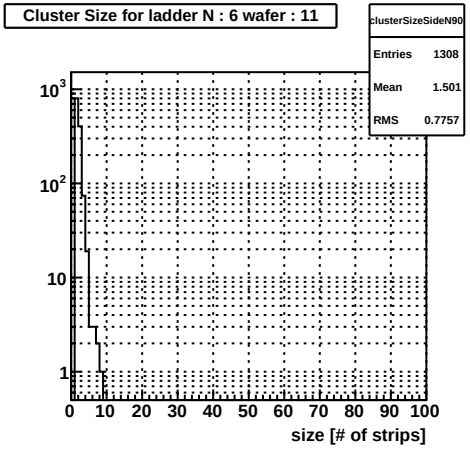

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 1905
Mean 1.383
RMS 0.7114
size [# of strips]

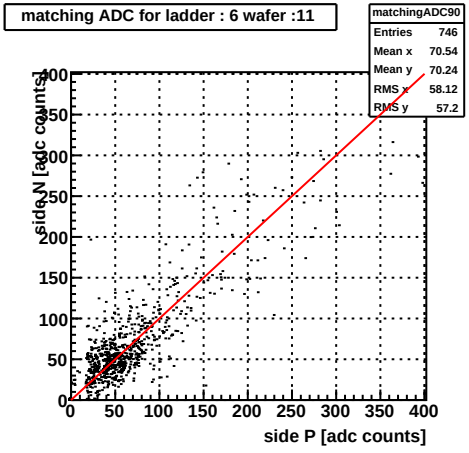

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1324
Mean x 66.55
Mean y 69.43
RMS x 53.11
RMS y 52.15
side N [adc counts]
side P [adc counts]

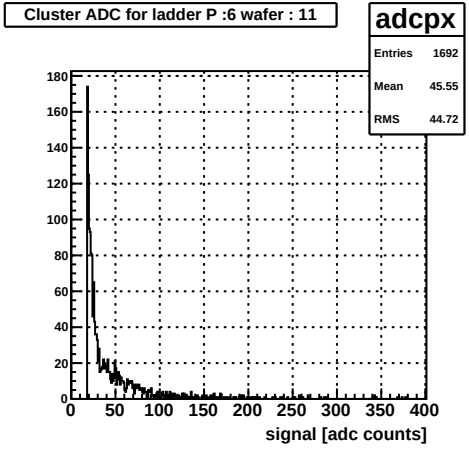

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1596
Mean 61.81
RMS 53.31
signal [adc counts]

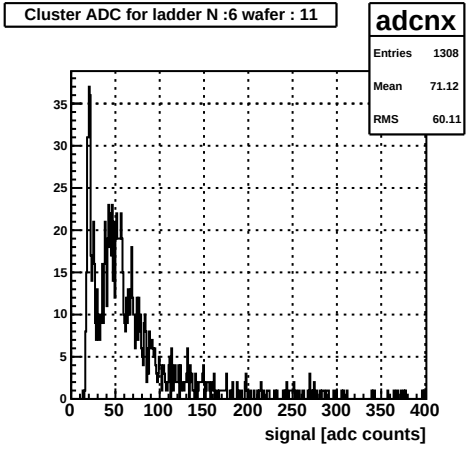

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 1905
Mean 59.24
RMS 51.44
signal [adc counts]

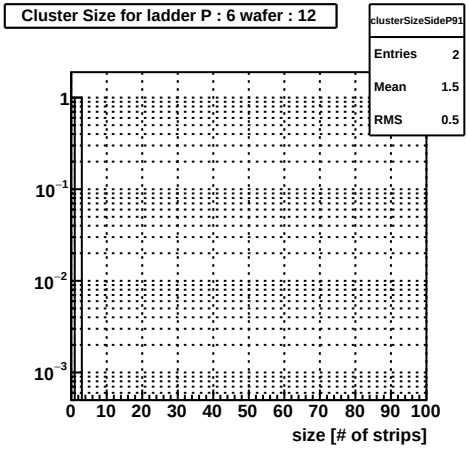

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 1692
Mean 1.18
RMS 0.4919
size [# of strips]

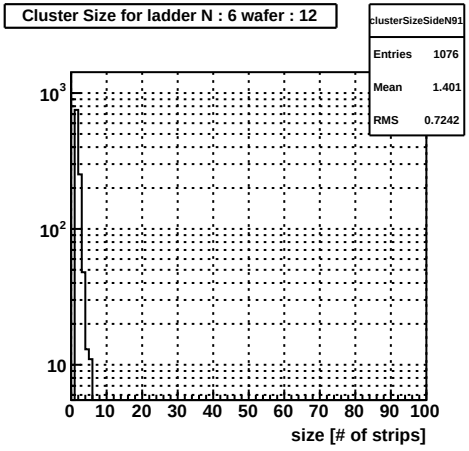

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1308
Mean 1.501
RMS 0.7757
size [# of strips]

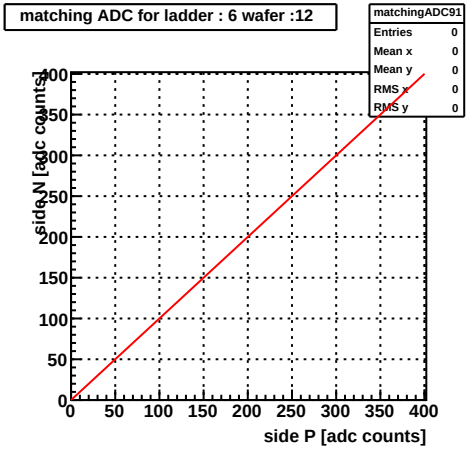

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 746
Mean x 70.54
Mean y 70.24
RMS x 58.12
RMS y 57.2
side N [adc counts]
side P [adc counts]

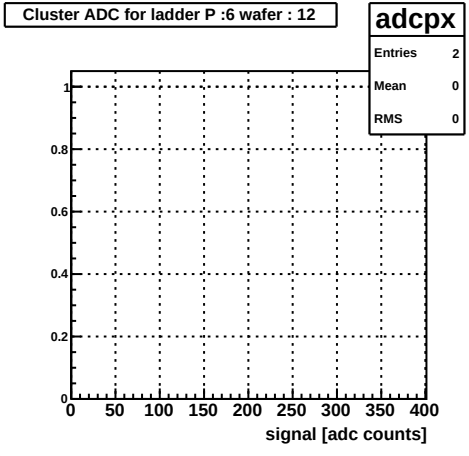

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 1692
Mean 45.55
RMS 44.72
signal [adc counts]

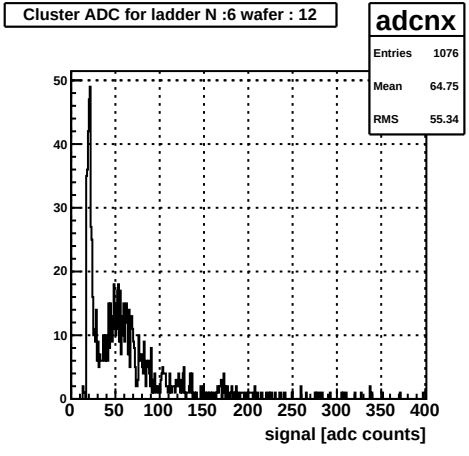

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1308
Mean 71.12
RMS 60.11
signal [adc counts]

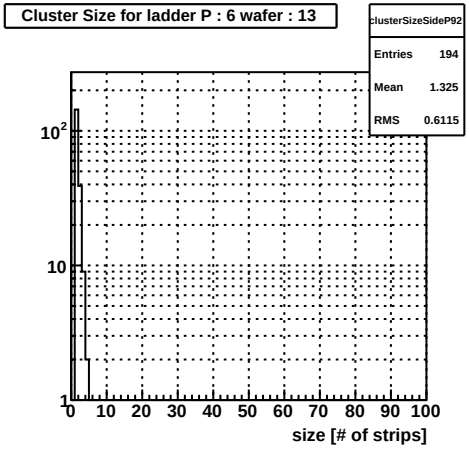

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

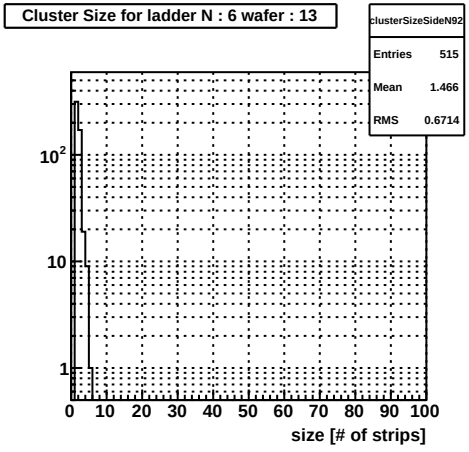

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1076
Mean 1.401
RMS 0.7242
size [# of strips]

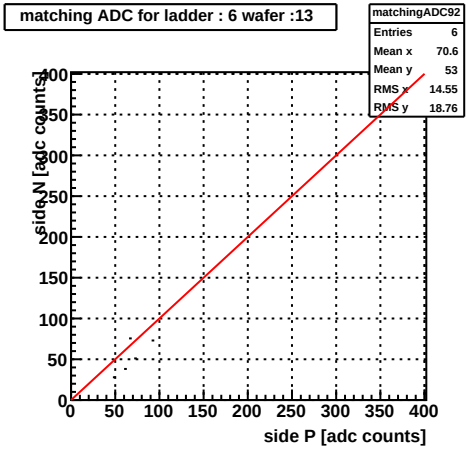

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

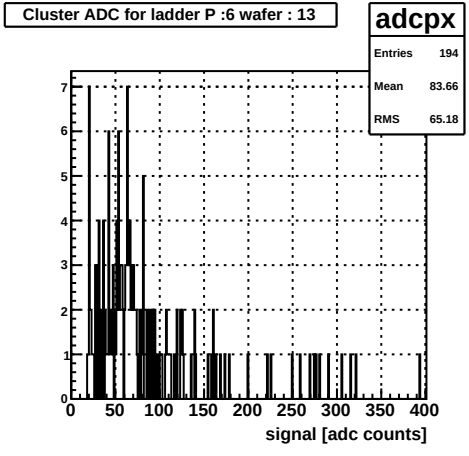

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

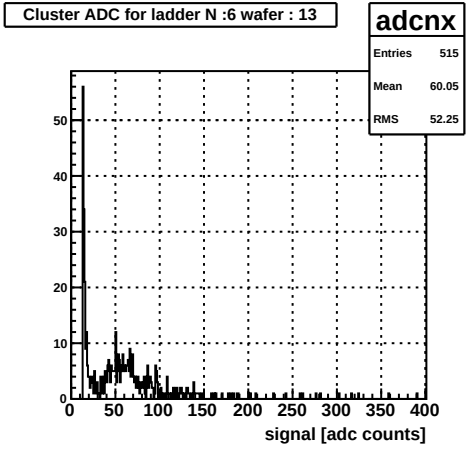

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1076
Mean 64.75
RMS 55.34
signal [adc counts]

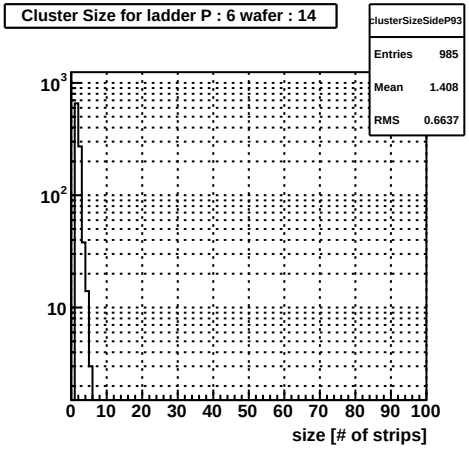

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 194
Mean 1.325
RMS 0.6115
size [# of strips]

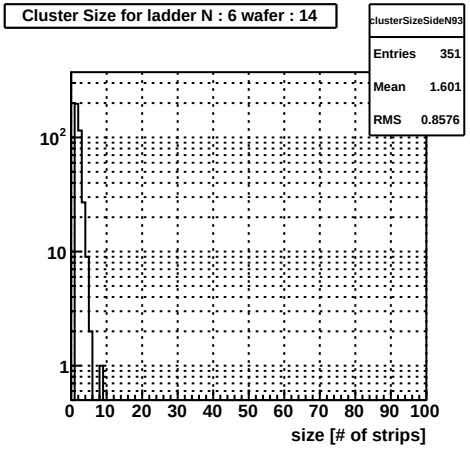

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 515
Mean 1.466
RMS 0.6714
size [# of strips]

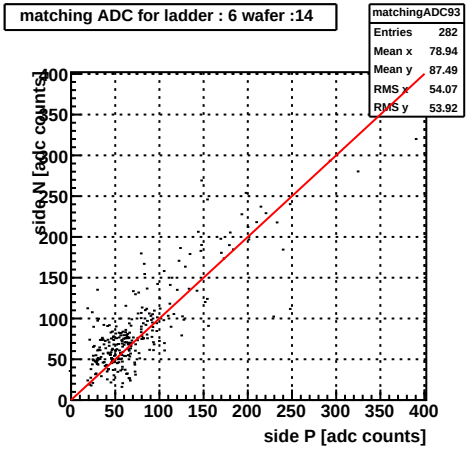

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 6
Mean x 70.6
Mean y 53
RMS x 14.55
RMS y 18.76
side N [adc counts]
side P [adc counts]

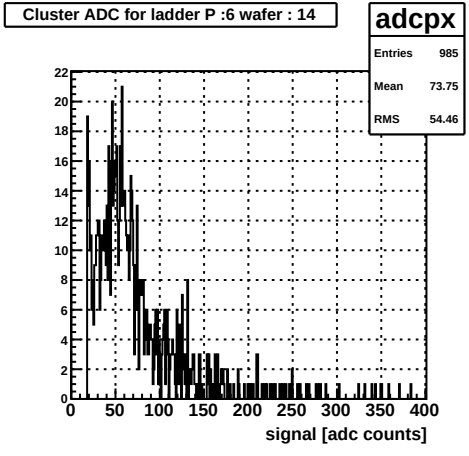

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 194
Mean 83.66
RMS 65.18
signal [adc counts]

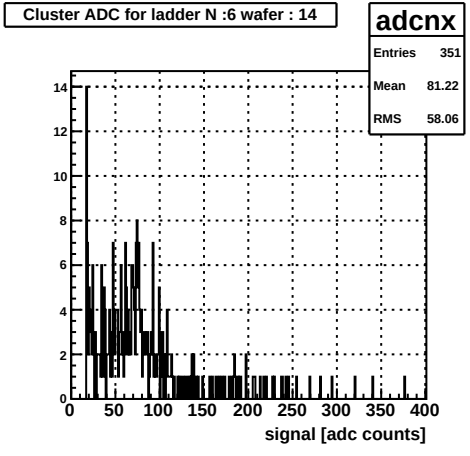

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 515
Mean 60.05
RMS 52.25
signal [adc counts]

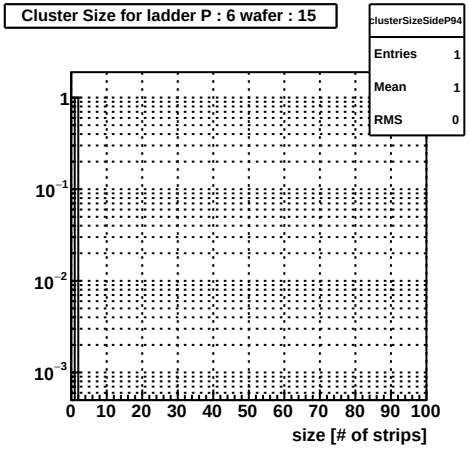

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 985
Mean 1.408
RMS 0.6637
size [# of strips]

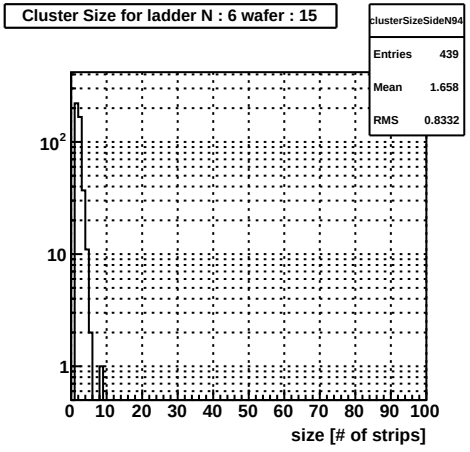

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 351
Mean 1.601
RMS 0.8576
size [# of strips]

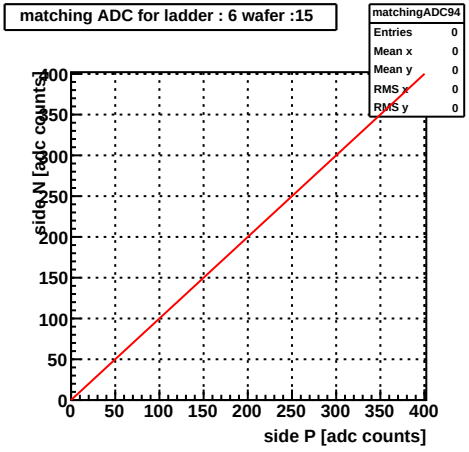

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 282
Mean x 78.94
Mean y 87.49
RMS x 54.07
RMS y 53.92
side N [adc counts]
side P [adc counts]

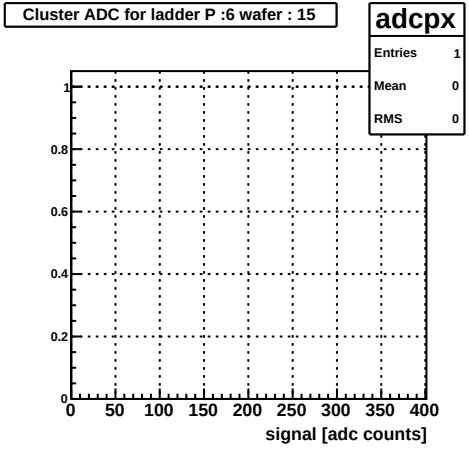

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 985
Mean 73.75
RMS 54.46
signal [adc counts]

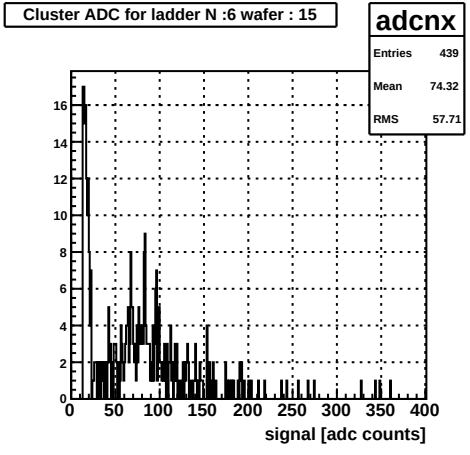

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 351
Mean 81.22
RMS 58.06
signal [adc counts]

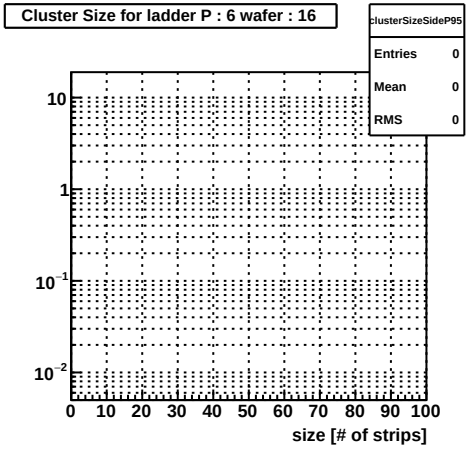

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

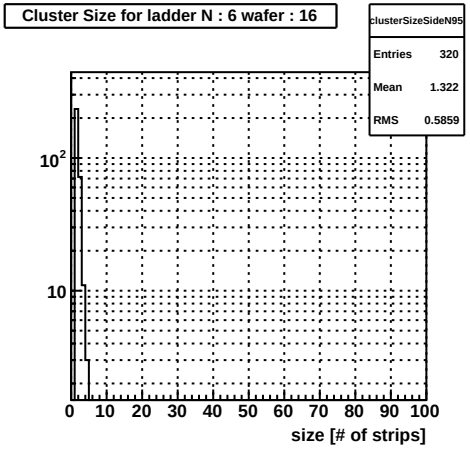

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 439
Mean 1.658
RMS 0.8332
size [# of strips]

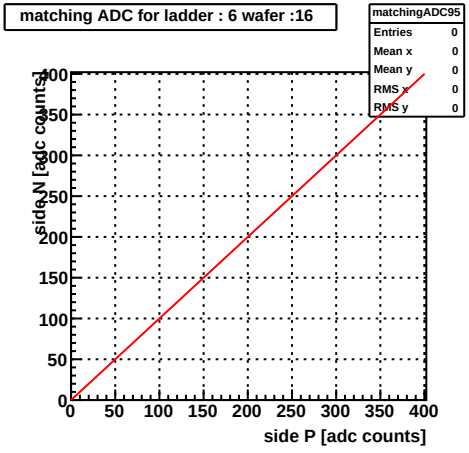

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

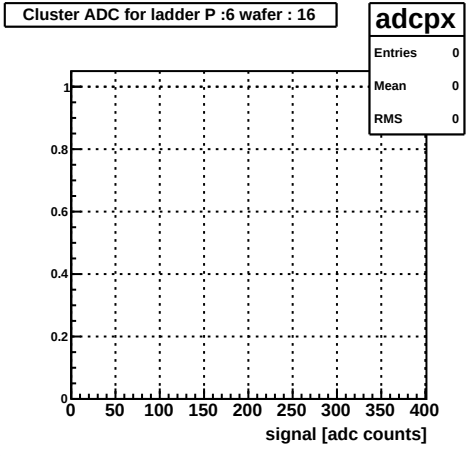

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

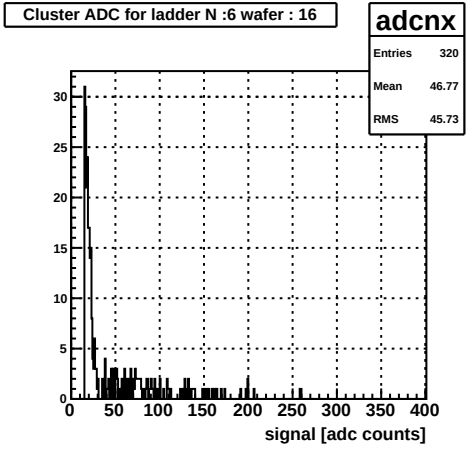

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 439
Mean 74.32
RMS 57.71
signal [adc counts]

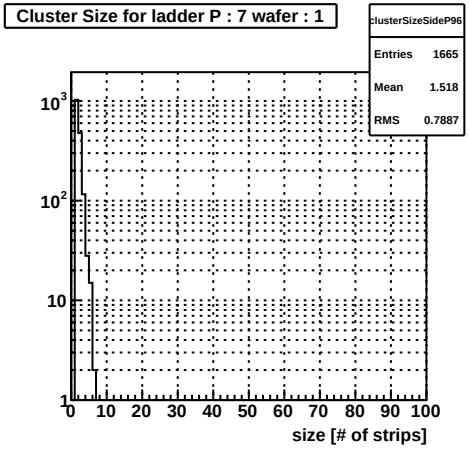

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

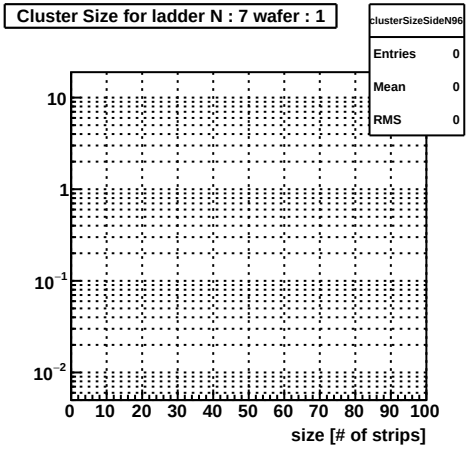

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 320
Mean 1.322
RMS 0.5859
size [# of strips]

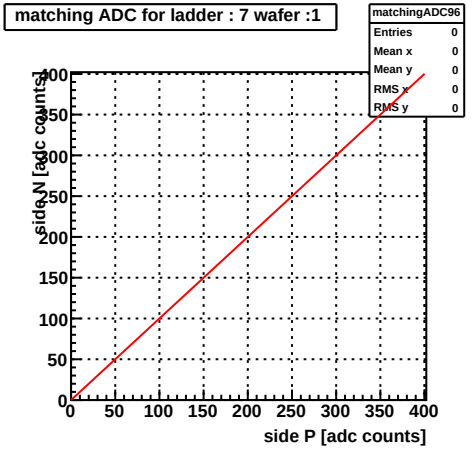

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

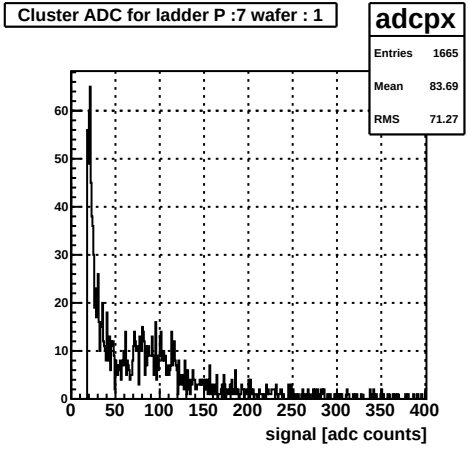

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

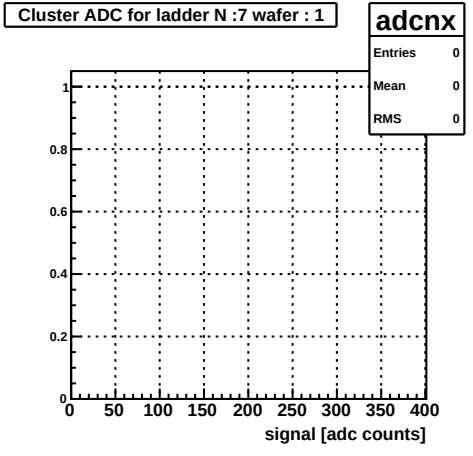

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 320
Mean 46.77
RMS 45.73
signal [adc counts]

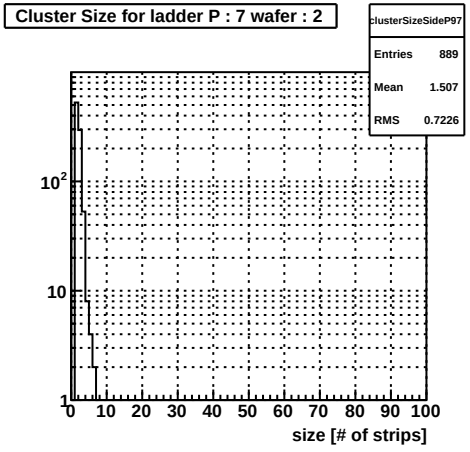

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 1665
Mean 1.518
RMS 0.7887
size [# of strips]

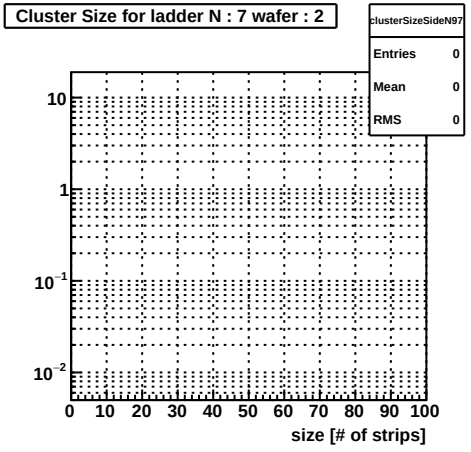

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

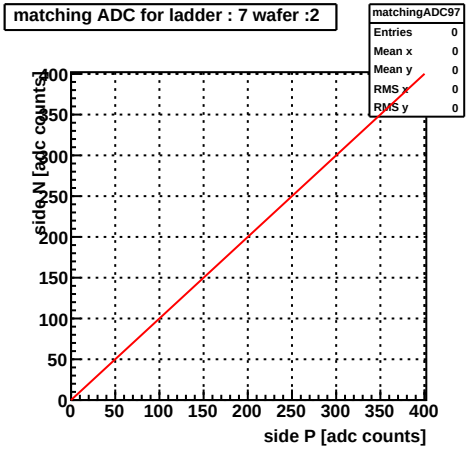

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

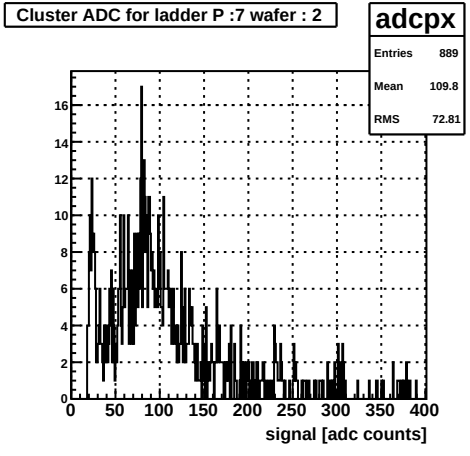

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 1665
Mean 83.69
RMS 71.27
signal [adc counts]

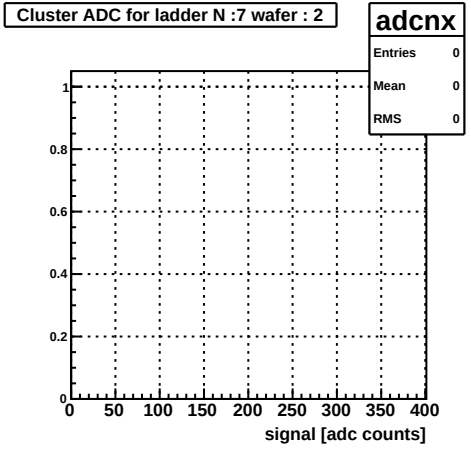

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

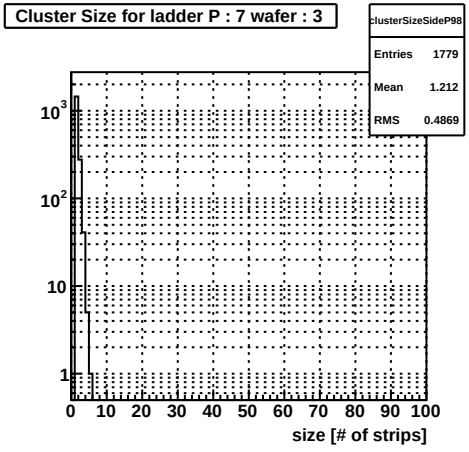

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 889
Mean 1.507
RMS 0.7226
size [# of strips]

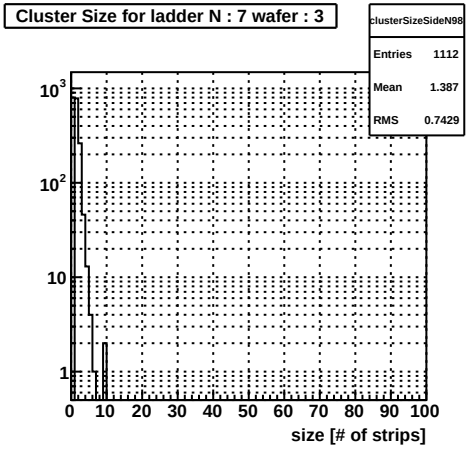

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

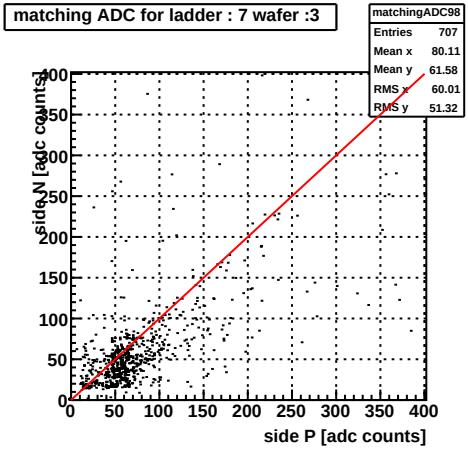

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

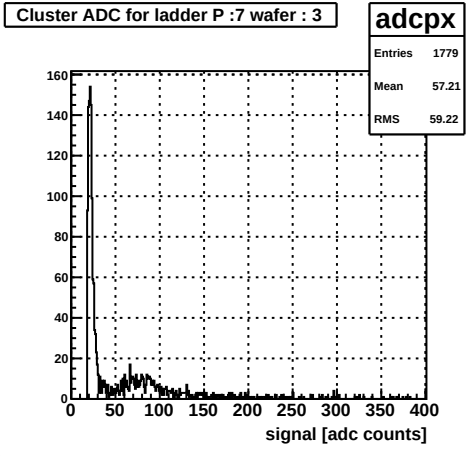

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 889
Mean 109.8
RMS 72.81
signal [adc counts]

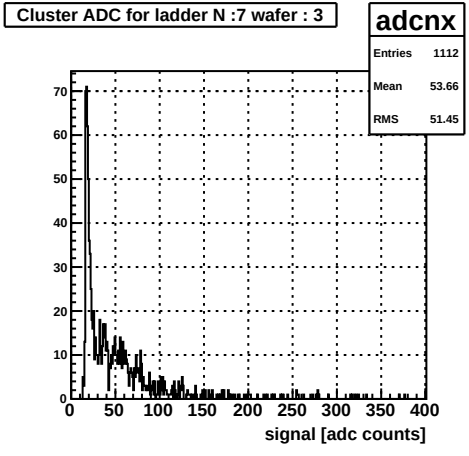

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

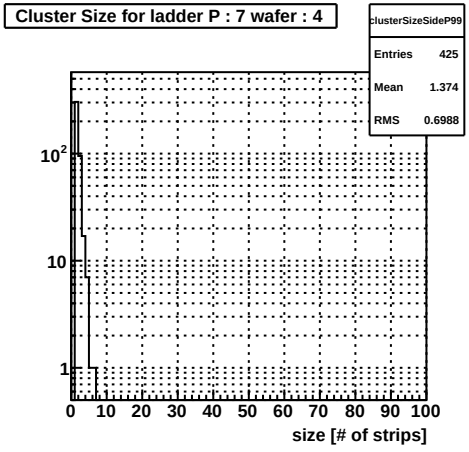

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 1779
Mean 1.212
RMS 0.4869
size [# of strips]

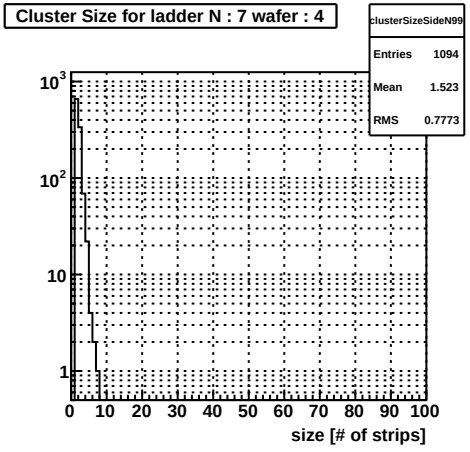

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1112
Mean 1.387
RMS 0.7429
size [# of strips]

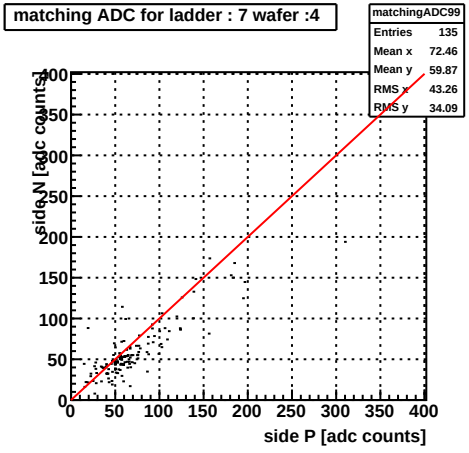

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 707
Mean x 80.11
Mean y 61.58
RMS x 60.01
RMS y 51.32
side N [adc counts]
side P [adc counts]

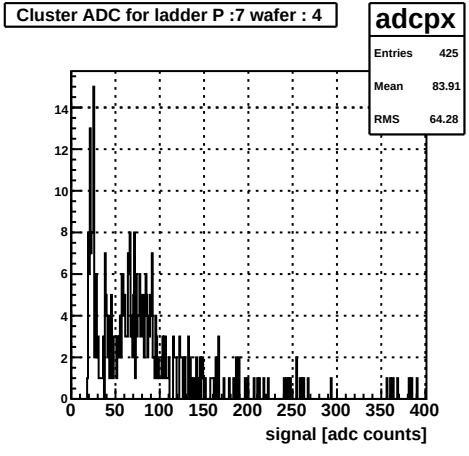

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 1779
Mean 57.21
RMS 59.22
signal [adc counts]

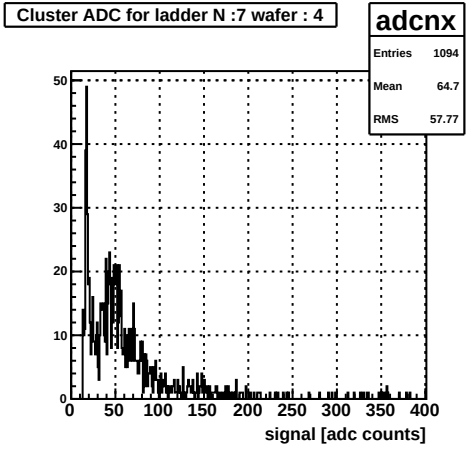

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1112
Mean 53.66
RMS 51.45
signal [adc counts]

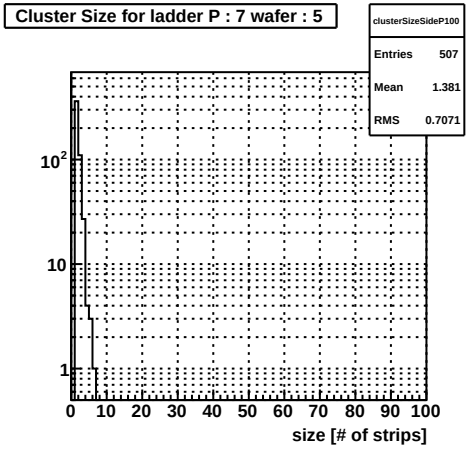

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 425
Mean 1.374
RMS 0.6988
size [# of strips]

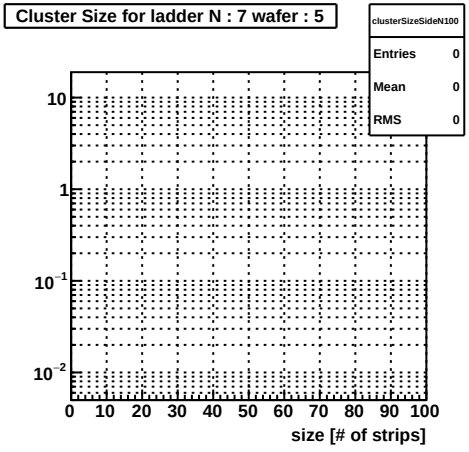

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 1094
Mean 1.523
RMS 0.7773
size [# of strips]

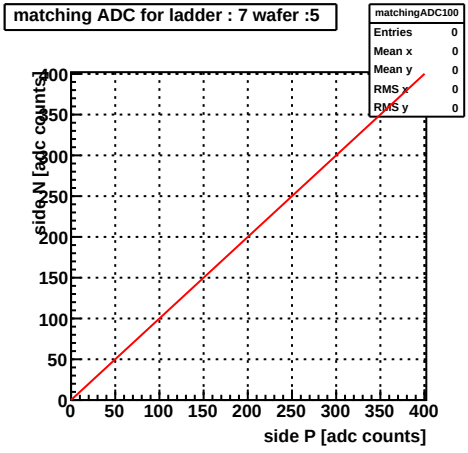

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 135
Mean x 72.46
Mean y 59.87
RMS x 43.26
RMS y 34.09
side N [adc counts]
side P [adc counts]

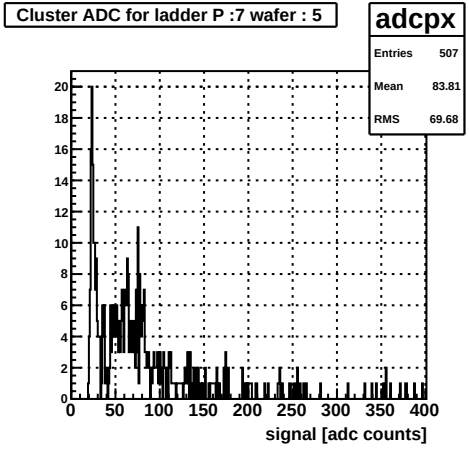

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 425
Mean 83.91
RMS 64.28
signal [adc counts]

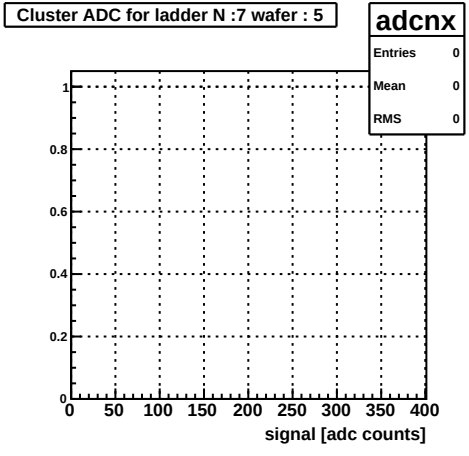

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 1094
Mean 64.7
RMS 57.77
signal [adc counts]

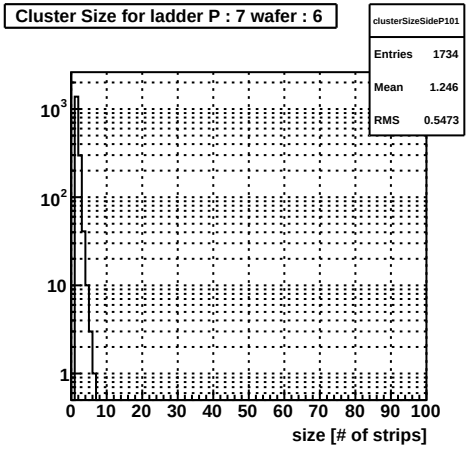

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 507
Mean 1.381
RMS 0.7071
size [# of strips]

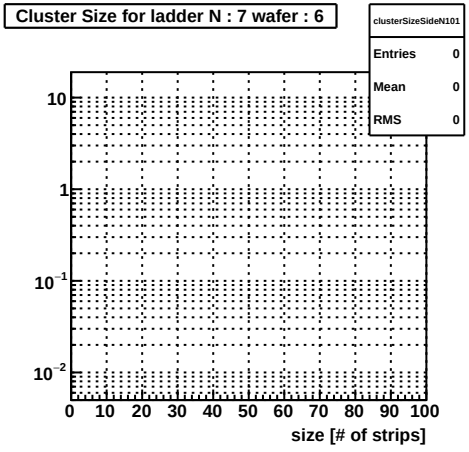

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

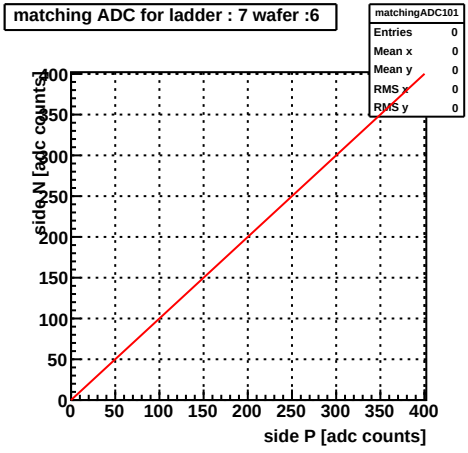

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

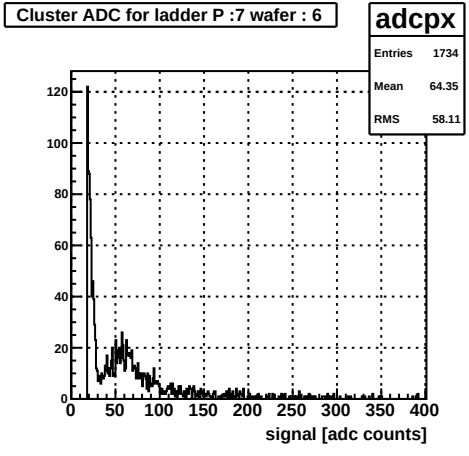

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 507
Mean 83.81
RMS 69.68
signal [adc counts]

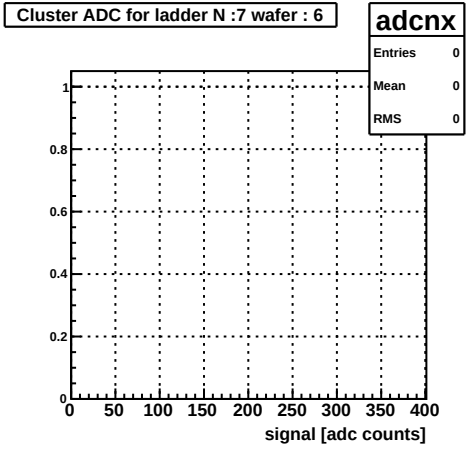

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

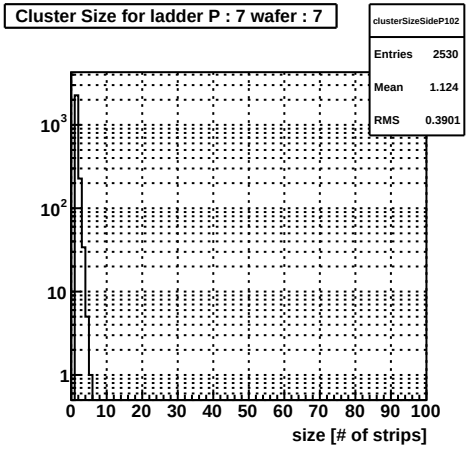

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1734
Mean 1.246
RMS 0.5473
size [# of strips]

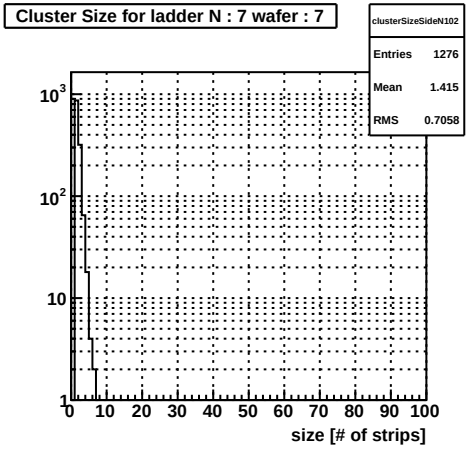

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

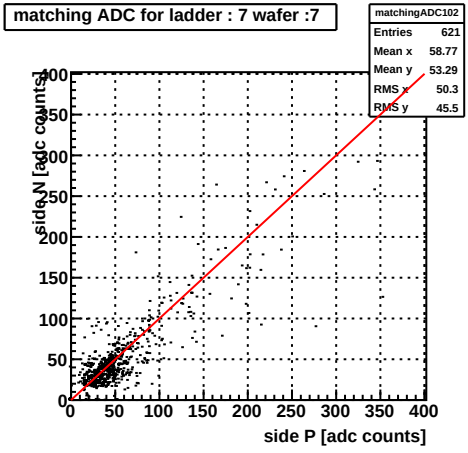

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

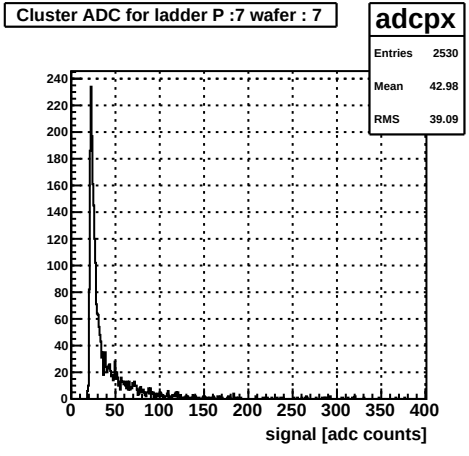

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1734
Mean 64.35
RMS 58.11
signal [adc counts]

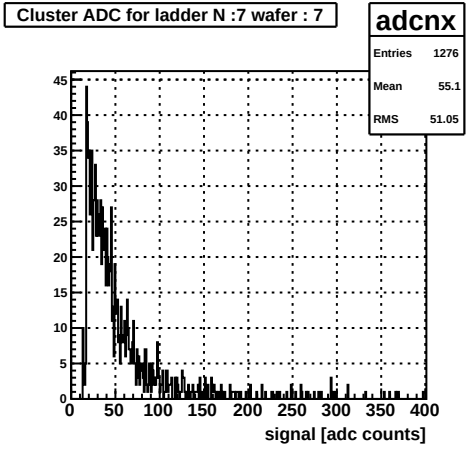

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

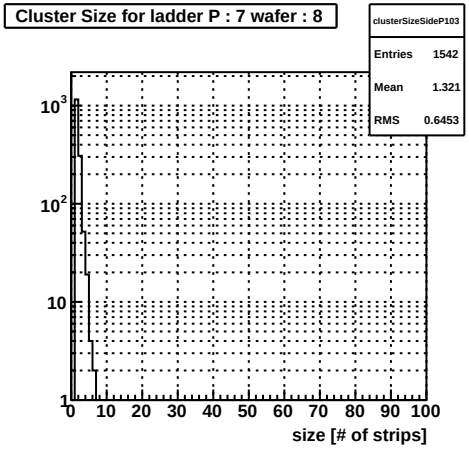

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 2530
Mean 1.124
RMS 0.3901
size [# of strips]

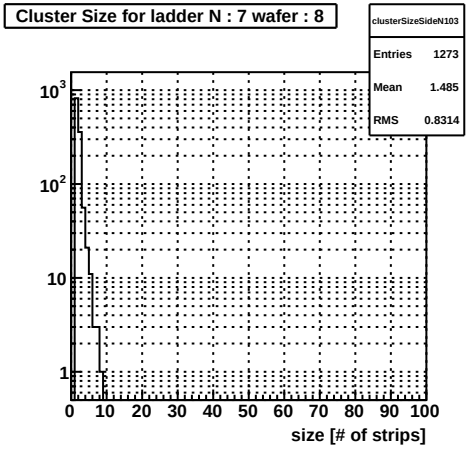

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1276
Mean 1.415
RMS 0.7058
size [# of strips]

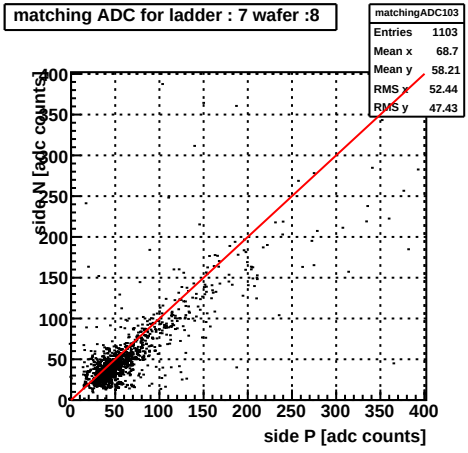

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 621
Mean x 58.77
Mean y 53.29
RMS x 50.3
RMS y 45.5
side N [adc counts]
side P [adc counts]

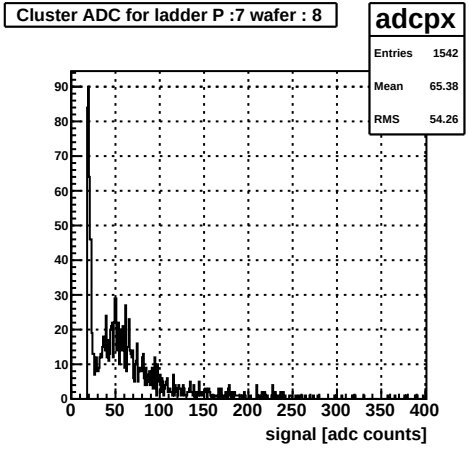

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 2530
Mean 42.98
RMS 39.09
signal [adc counts]

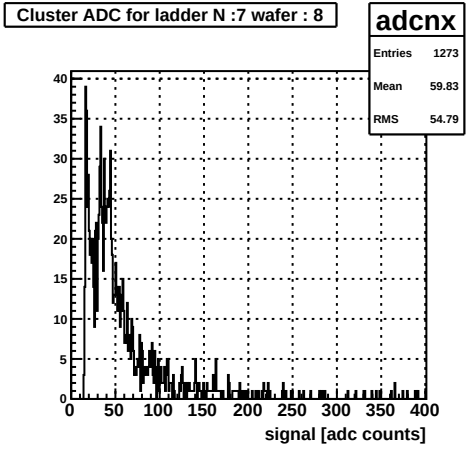

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1276
Mean 55.1
RMS 51.05
signal [adc counts]

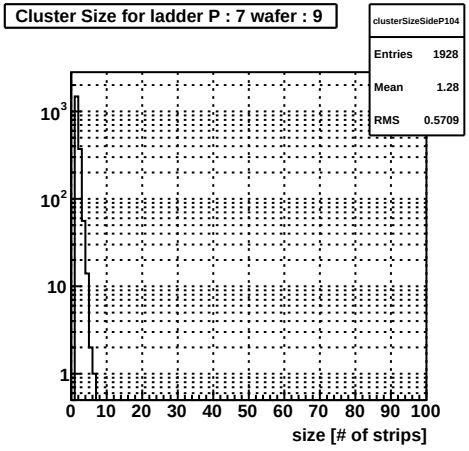

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1542
Mean 1.321
RMS 0.6453
size [# of strips]

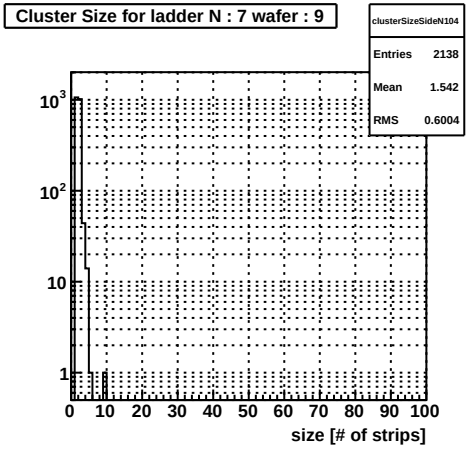

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1273
Mean 1.485
RMS 0.8314
size [# of strips]

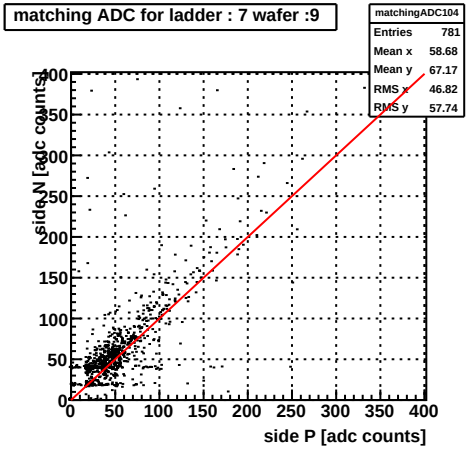

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1103
Mean x 68.7
Mean y 58.21
RMS x 52.44
RMS y 47.43
side N [adc counts]
side P [adc counts]

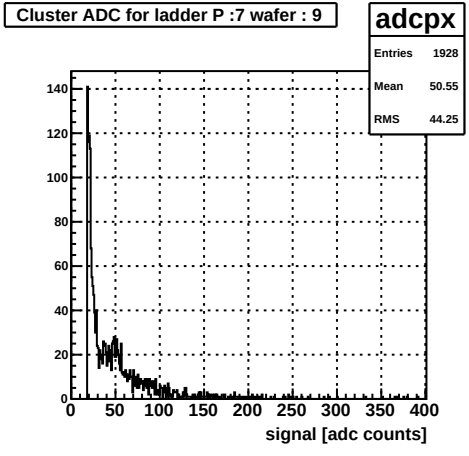

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1542
Mean 65.38
RMS 54.26
signal [adc counts]

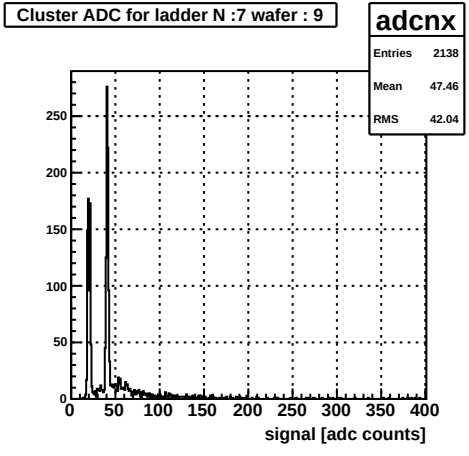

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1273
Mean 59.83
RMS 54.79
signal [adc counts]

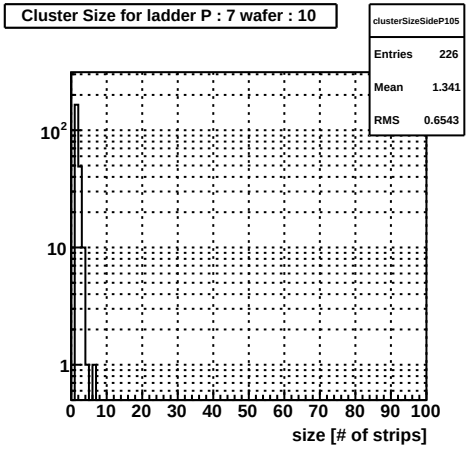

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 1928
Mean 1.28
RMS 0.5709
size [# of strips]

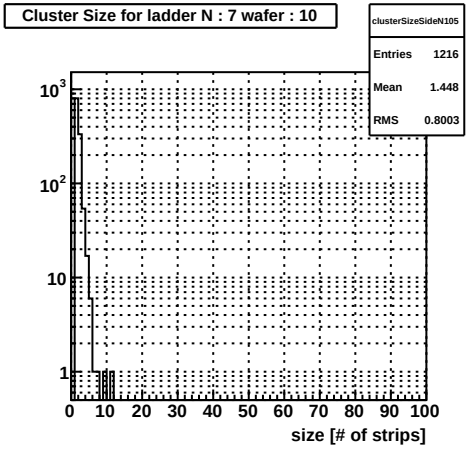

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2138
Mean 1.542
RMS 0.6004
size [# of strips]

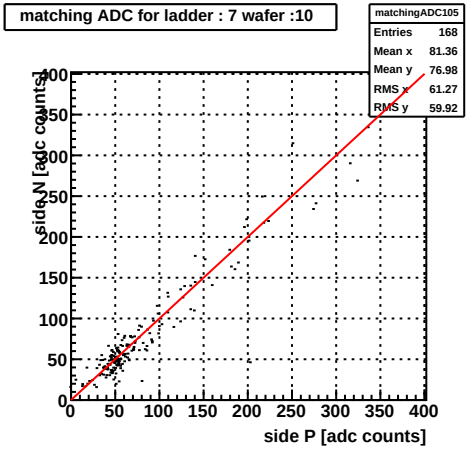

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 781
Mean x 58.68
Mean y 67.17
RMS x 46.82
RMS y 57.74
side N [adc counts]
side P [adc counts]

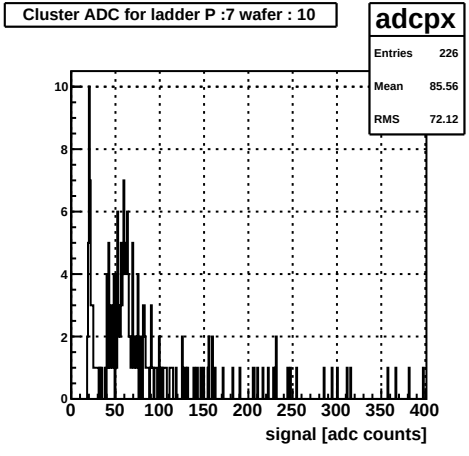

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 1928
Mean 50.55
RMS 44.25
signal [adc counts]

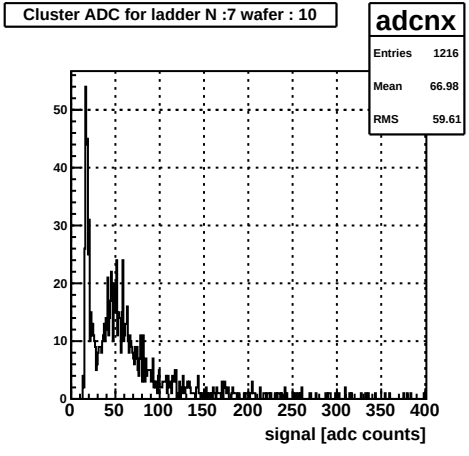

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2138
Mean 47.46
RMS 42.04
signal [adc counts]

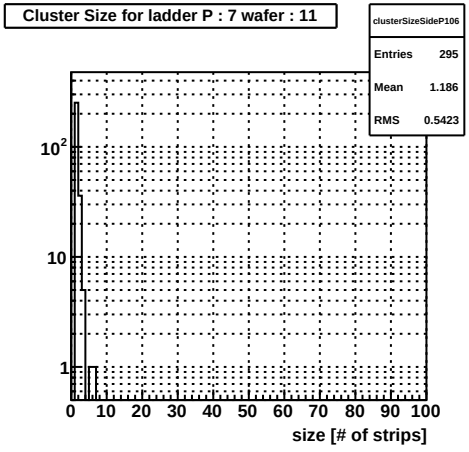

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 226
Mean 1.341
RMS 0.6543
size [# of strips]

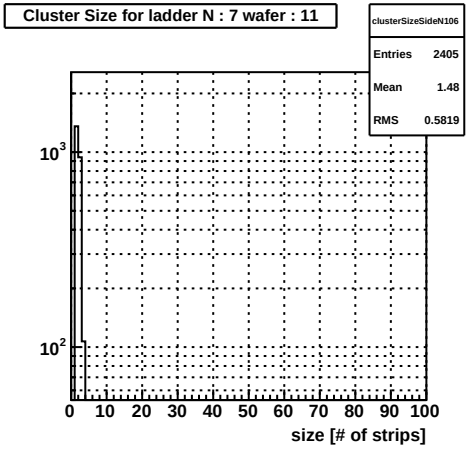

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1216
Mean 1.448
RMS 0.8003
size [# of strips]

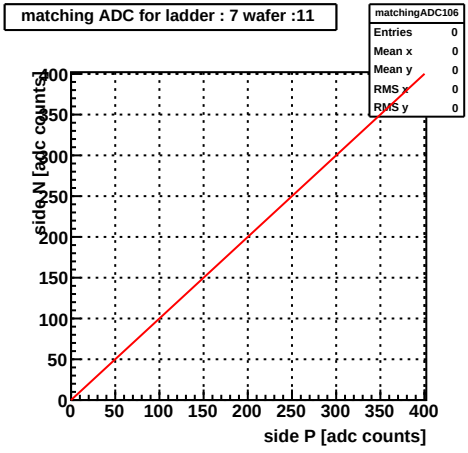

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 168
Mean x 81.36
Mean y 76.98
RMS x 61.27
RMS y 59.92
side N [adc counts]
side P [adc counts]

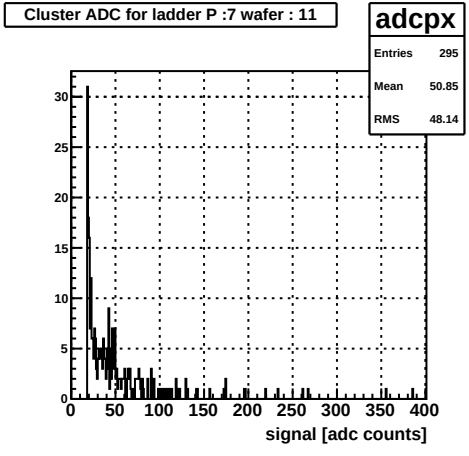

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 226
Mean 85.56
RMS 72.12
signal [adc counts]

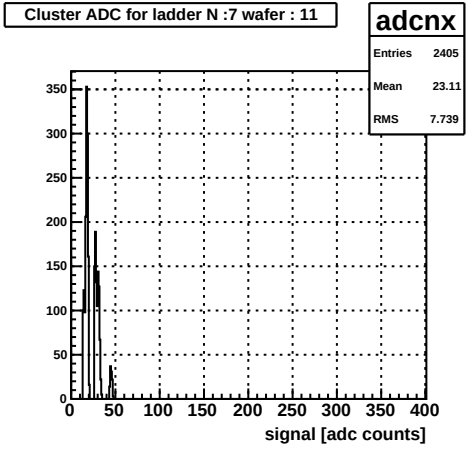

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1216
Mean 66.98
RMS 59.61
signal [adc counts]

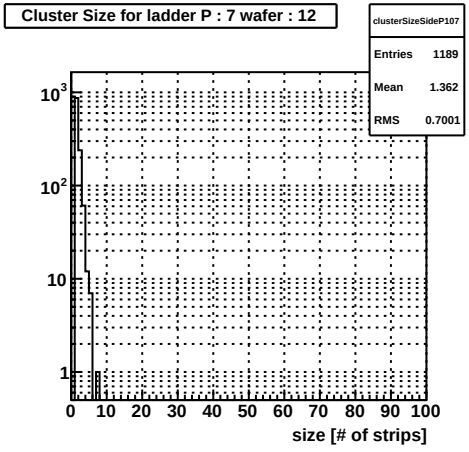

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 295
Mean 1.186
RMS 0.5423
size [# of strips]

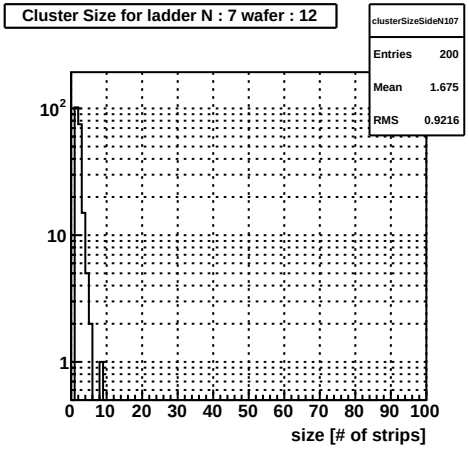

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2405
Mean 1.48
RMS 0.5819
size [# of strips]

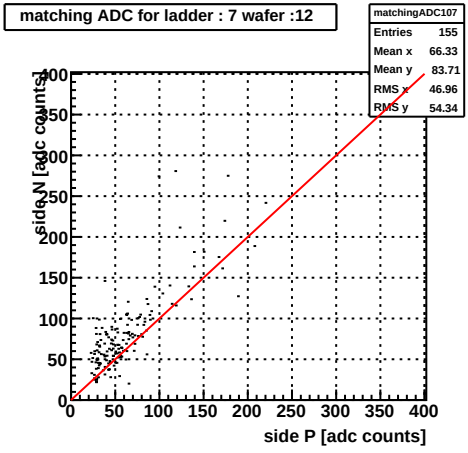

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

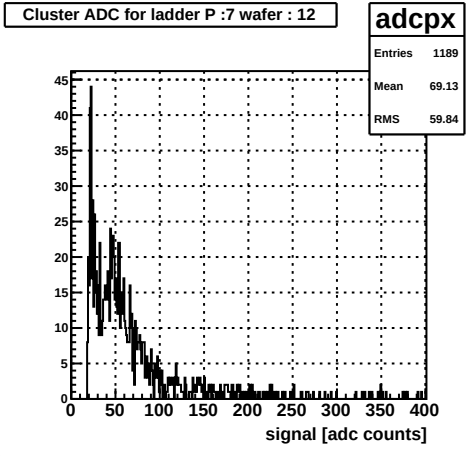

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 295
Mean 50.85
RMS 48.14
signal [adc counts]

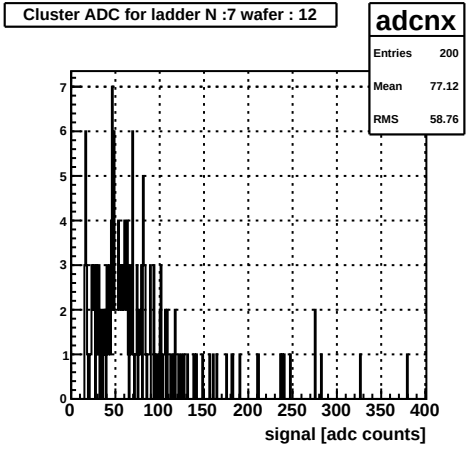

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2405
Mean 23.11
RMS 7.739
signal [adc counts]

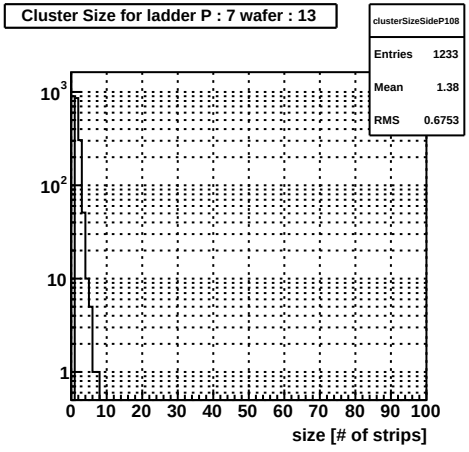

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1189
Mean 1.362
RMS 0.7001
size [# of strips]

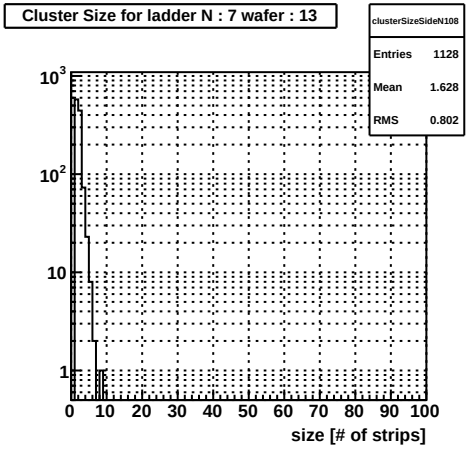

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 200
Mean 1.675
RMS 0.9216
size [# of strips]

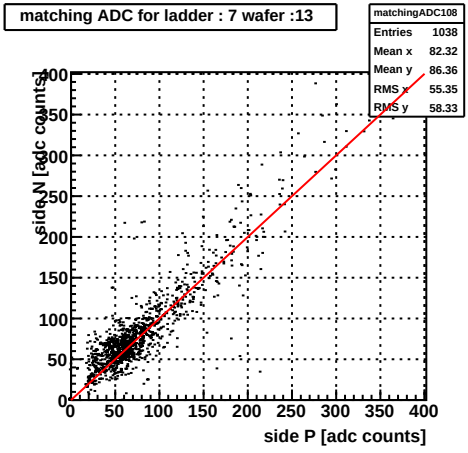

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 155
Mean x 66.33
Mean y 83.71
RMS x 46.96
RMS y 54.34
side N [adc counts]
side P [adc counts]

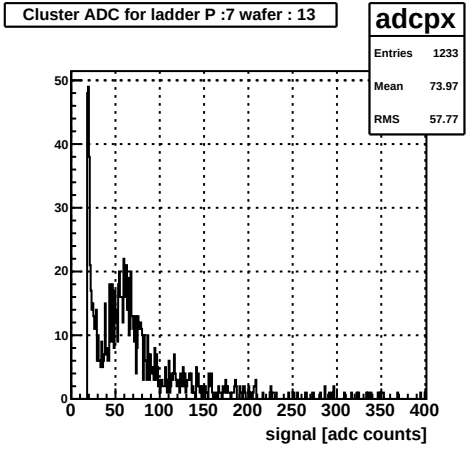

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1189
Mean 69.13
RMS 59.84
signal [adc counts]

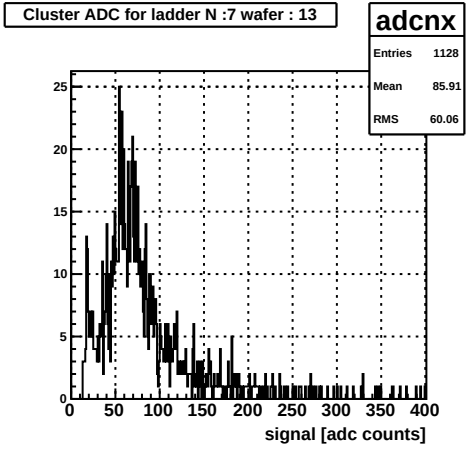

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 200
Mean 77.12
RMS 58.76
signal [adc counts]

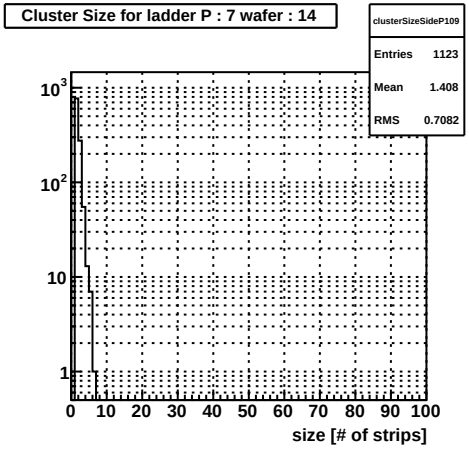

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1233
Mean 1.38
RMS 0.6753
size [# of strips]

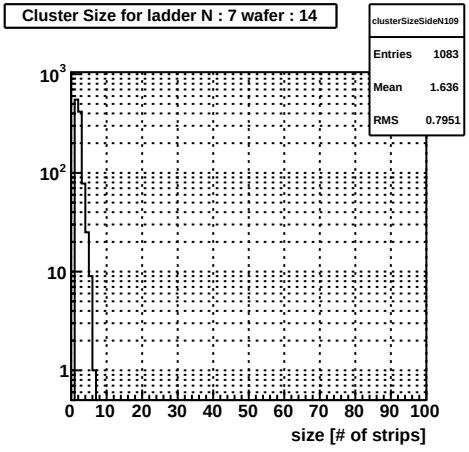

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1128
Mean 1.628
RMS 0.802
size [# of strips]

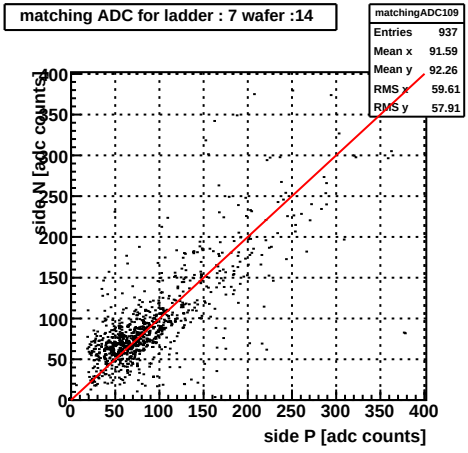

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1038
Mean x 82.32
Mean y 86.36
RMS x 55.35
RMS y 58.33
side N [adc counts]
side P [adc counts]

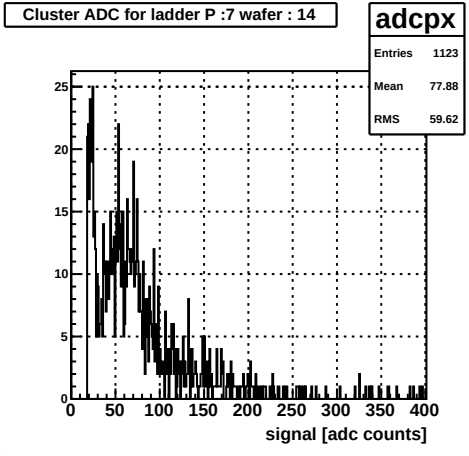

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1233
Mean 73.97
RMS 57.77
signal [adc counts]

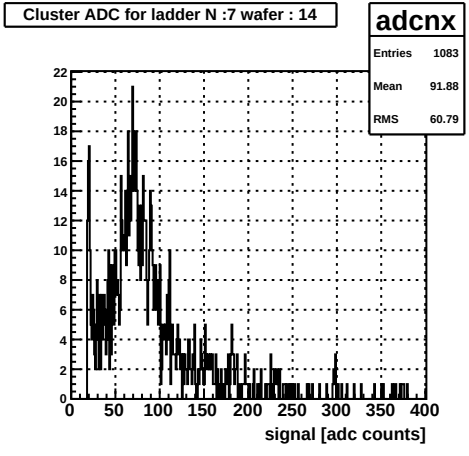

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1128
Mean 85.91
RMS 60.06
signal [adc counts]

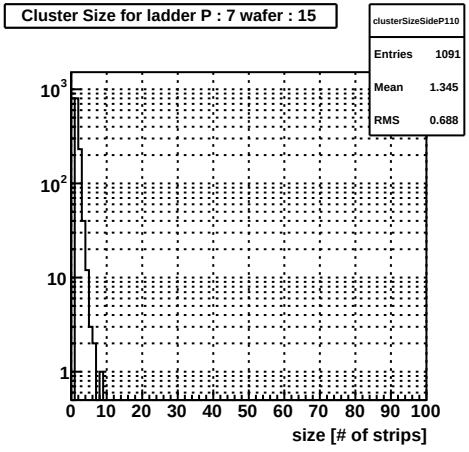

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1123
Mean 1.408
RMS 0.7082
size [# of strips]

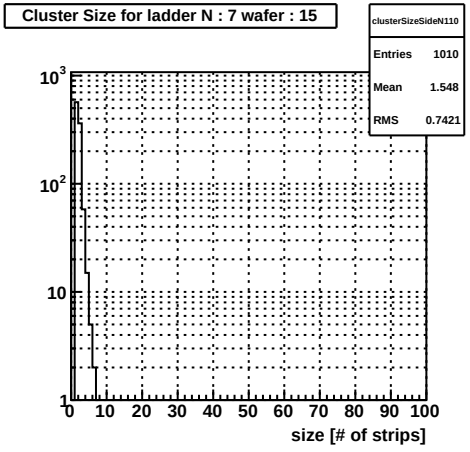

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1083
Mean 1.636
RMS 0.7951
size [# of strips]

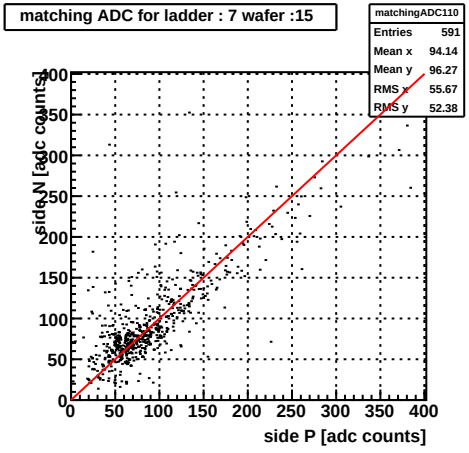

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 937
Mean x 91.59
Mean y 92.26
RMS x 59.61
RMS y 57.91
side N [adc counts]
side P [adc counts]

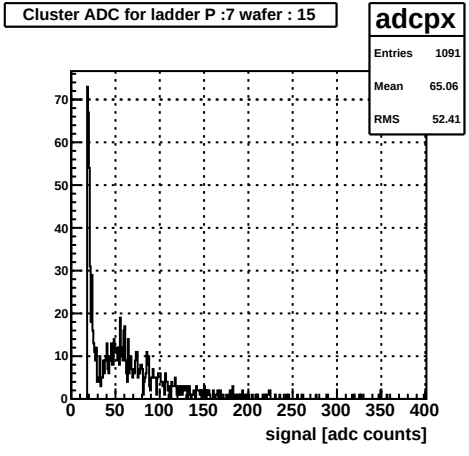

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1123
Mean 77.88
RMS 59.62
signal [adc counts]

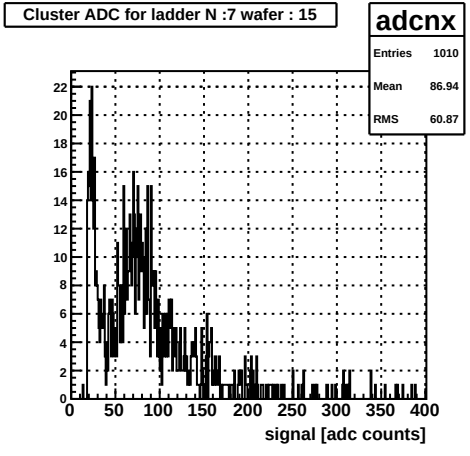

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1083
Mean 91.88
RMS 60.79
signal [adc counts]

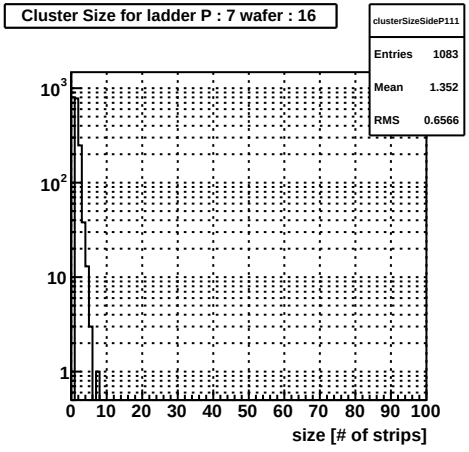

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1091
Mean 1.345
RMS 0.688
size [# of strips]

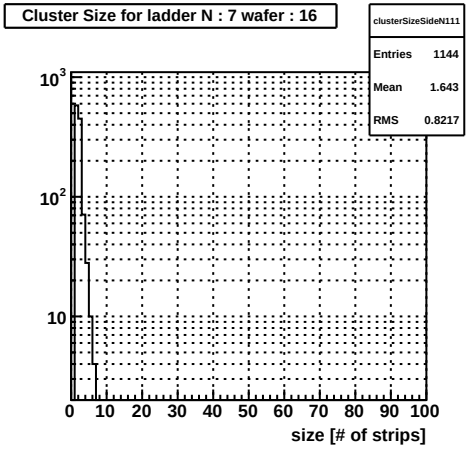

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1010
Mean 1.548
RMS 0.7421
size [# of strips]

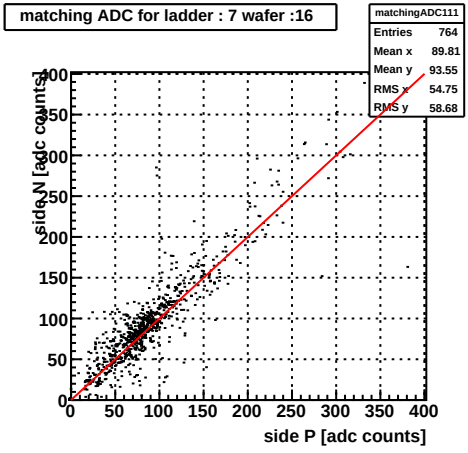

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 591
Mean x 94.14
Mean y 96.27
RMS x 55.67
RMS y 52.38
side N [adc counts]
side P [adc counts]

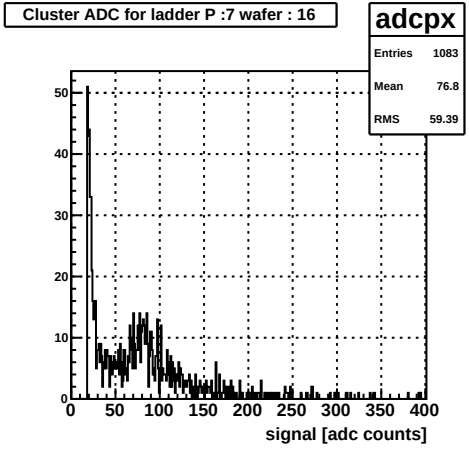

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1091
Mean 65.06
RMS 52.41
signal [adc counts]

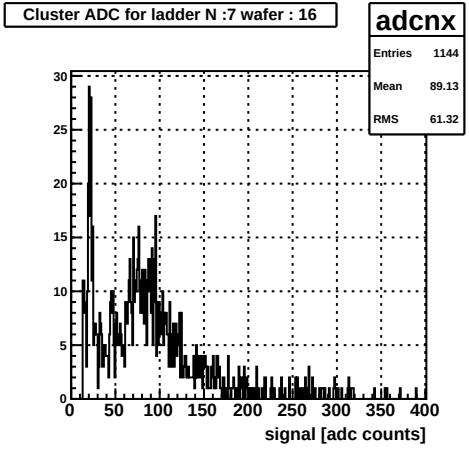

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1010
Mean 86.94
RMS 60.87
signal [adc counts]

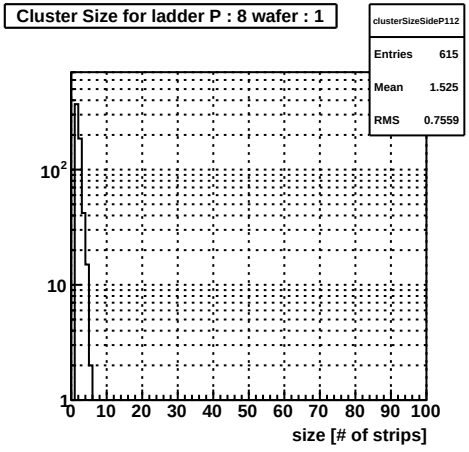

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1083
Mean 1.352
RMS 0.6566
size [# of strips]

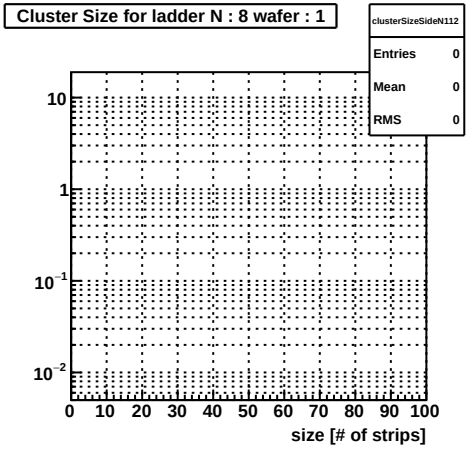

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1144
Mean 1.643
RMS 0.8217
size [# of strips]

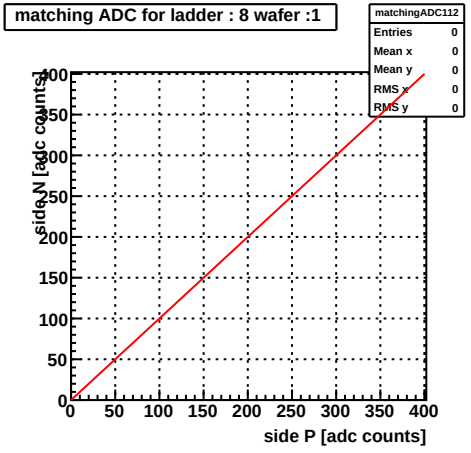

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 764
Mean x 89.81
Mean y 93.55
RMS x 54.75
RMS y 58.68
side N [adc counts]
side P [adc counts]

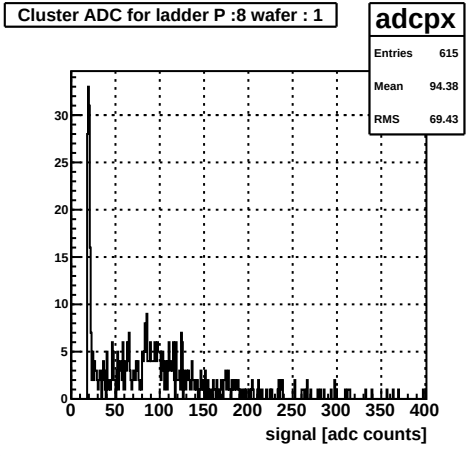

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1083
Mean 76.8
RMS 59.39
signal [adc counts]

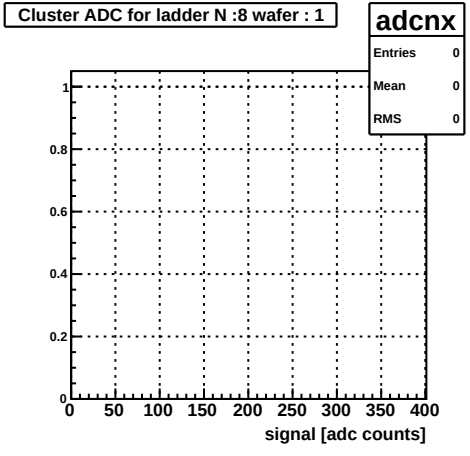

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1144
Mean 89.13
RMS 61.32
signal [adc counts]

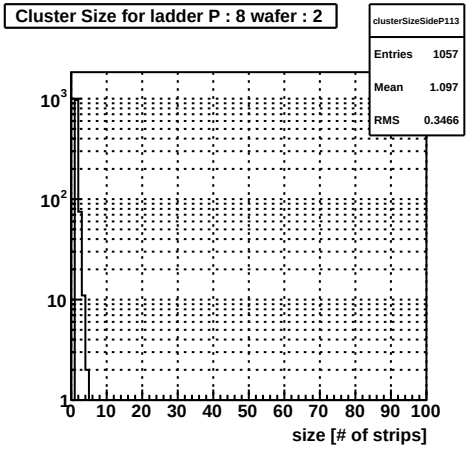

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 615
Mean 1.525
RMS 0.7559
size [# of strips]

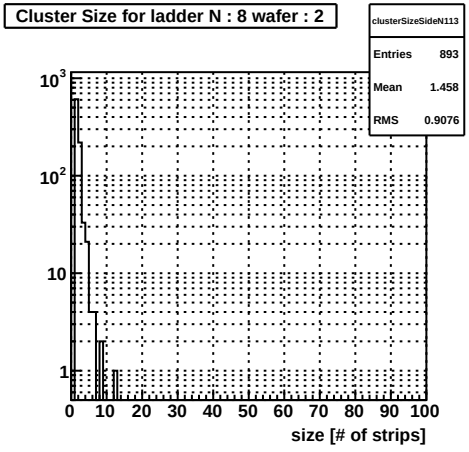

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

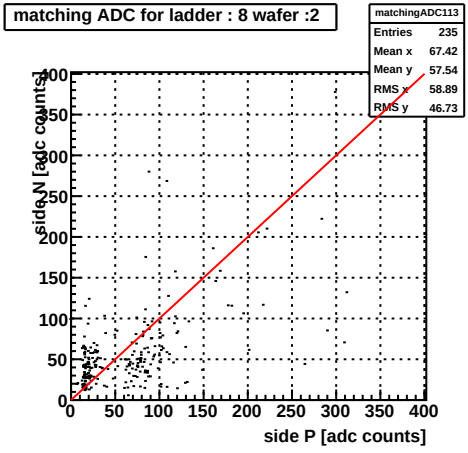

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

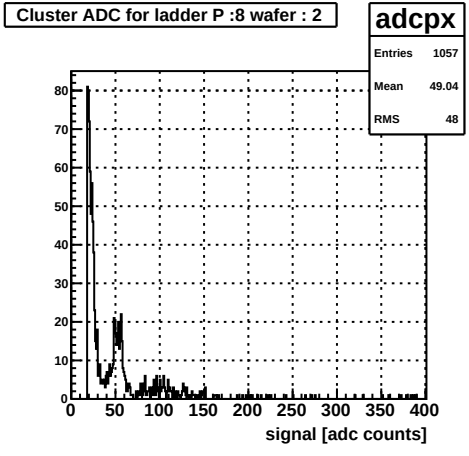

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 615
Mean 94.38
RMS 69.43
signal [adc counts]

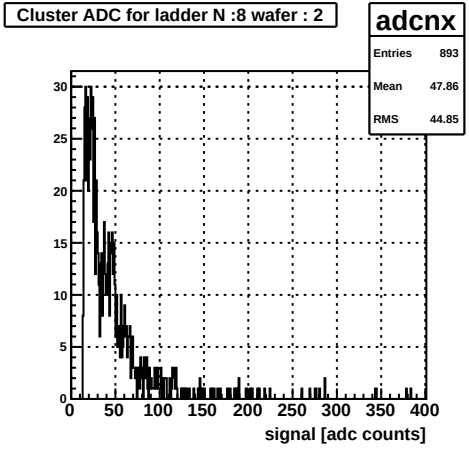

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

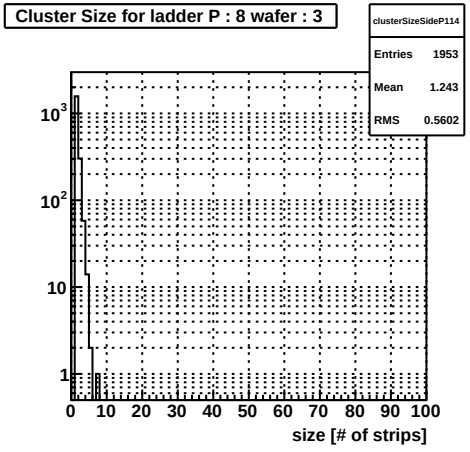

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 1057
Mean 1.097
RMS 0.3466
size [# of strips]

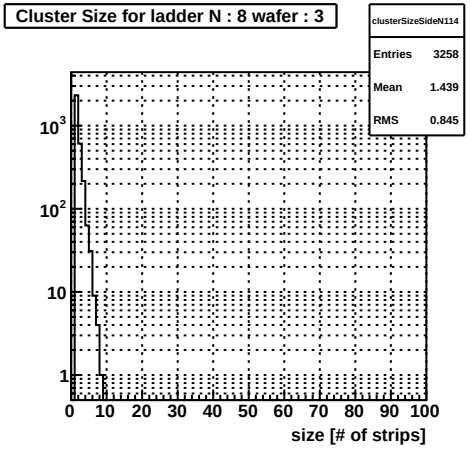

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 893
Mean 1.458
RMS 0.9076
size [# of strips]

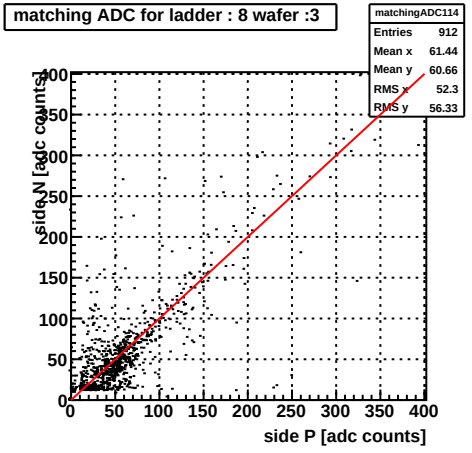

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 235
Mean x 67.42
Mean y 57.54
RMS x 58.89
RMS y 46.73
side N [adc counts]
side P [adc counts]

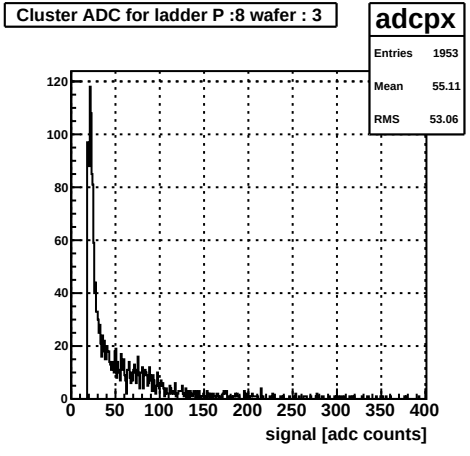

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 1057
Mean 49.04
RMS 48
signal [adc counts]

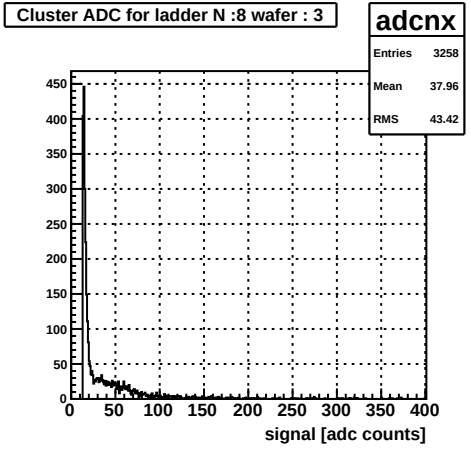

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 893
Mean 47.86
RMS 44.85
signal [adc counts]

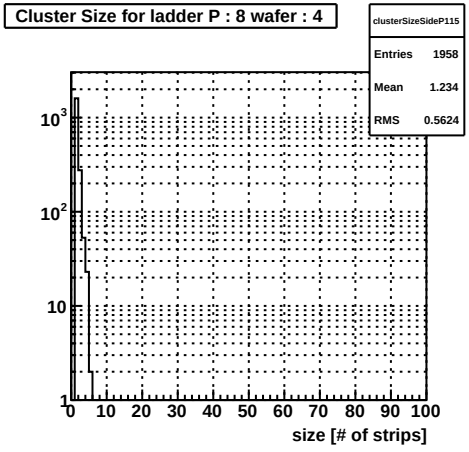

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 1953
Mean 1.243
RMS 0.5602
size [# of strips]

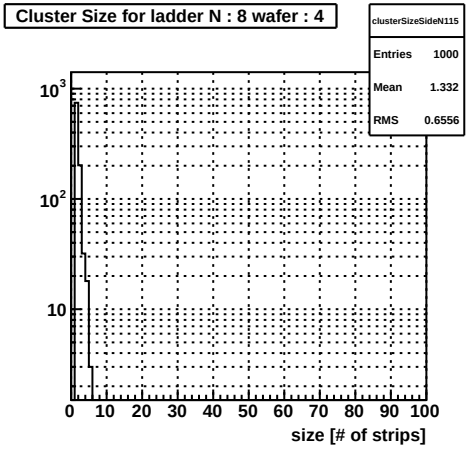

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3258
Mean 1.439
RMS 0.845
size [# of strips]

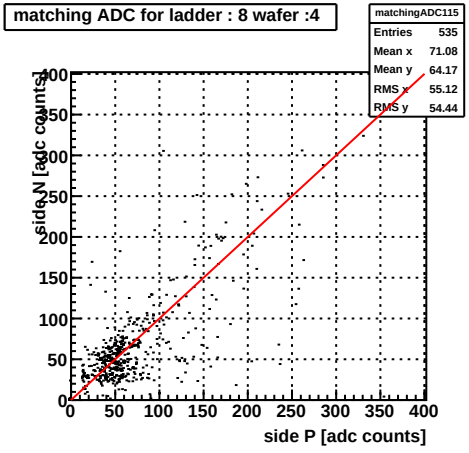

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 912
Mean x 61.44
Mean y 60.66
RMS x 52.3
RMS y 56.33
side N [adc counts]
side P [adc counts]

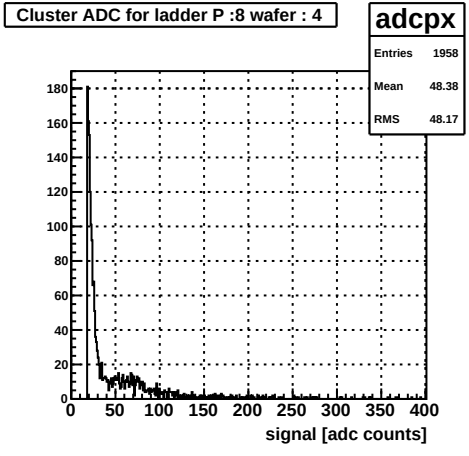

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 1953
Mean 55.11
RMS 53.06
signal [adc counts]

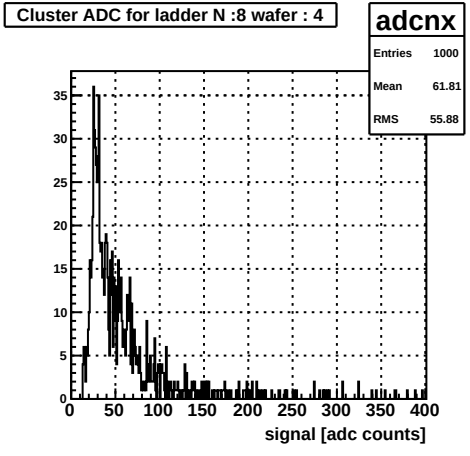

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3258
Mean 37.96
RMS 43.42
signal [adc counts]

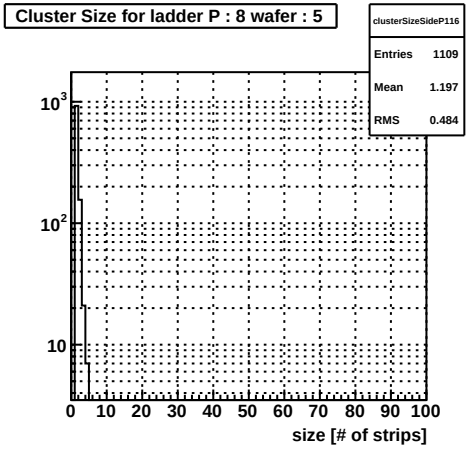

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 1958
Mean 1.234
RMS 0.5624
size [# of strips]

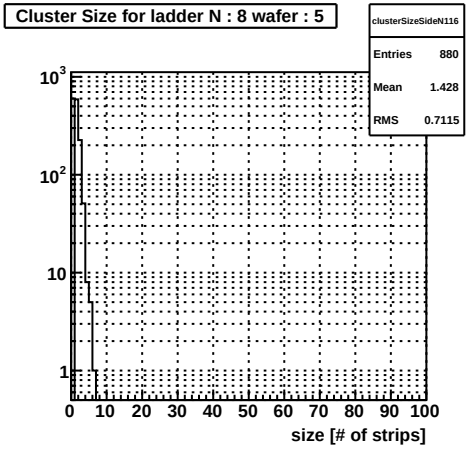

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1000
Mean 1.332
RMS 0.6556
size [# of strips]

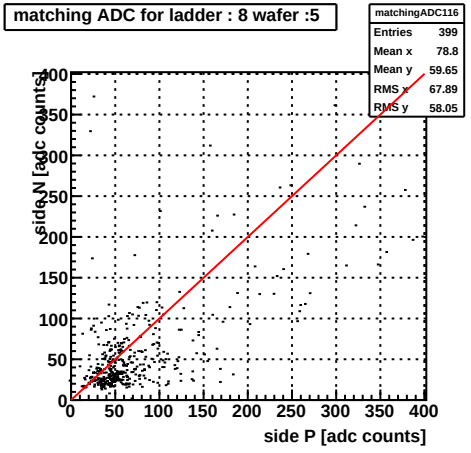

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 535
Mean x 71.08
Mean y 64.17
RMS x 55.12
RMS y 54.44
side N [adc counts]
side P [adc counts]

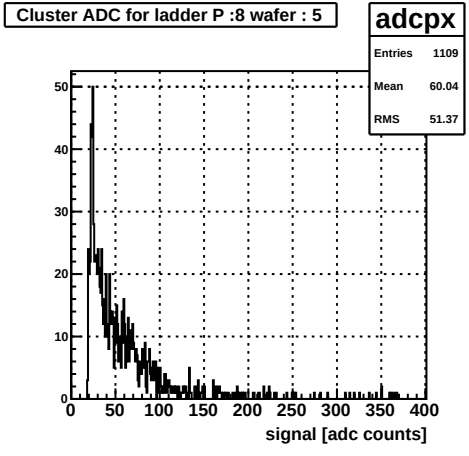

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 1958
Mean 48.38
RMS 48.17
signal [adc counts]

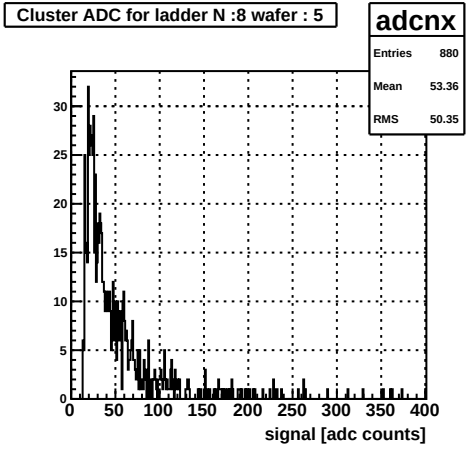

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1000
Mean 61.81
RMS 55.88
signal [adc counts]

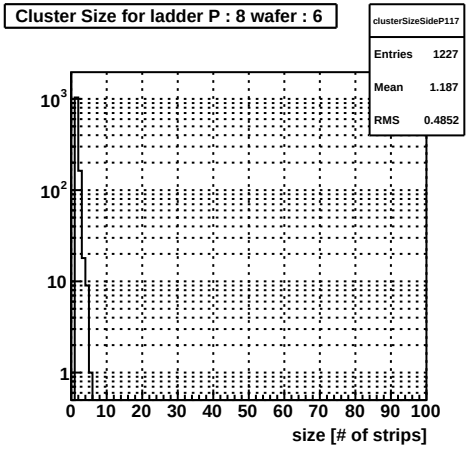

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 1109
Mean 1.197
RMS 0.484
size [# of strips]

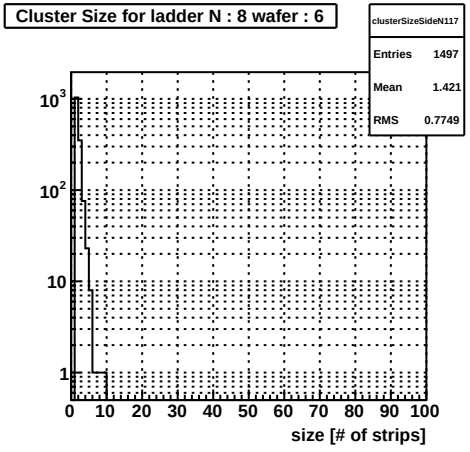

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 880
Mean 1.428
RMS 0.7115
size [# of strips]

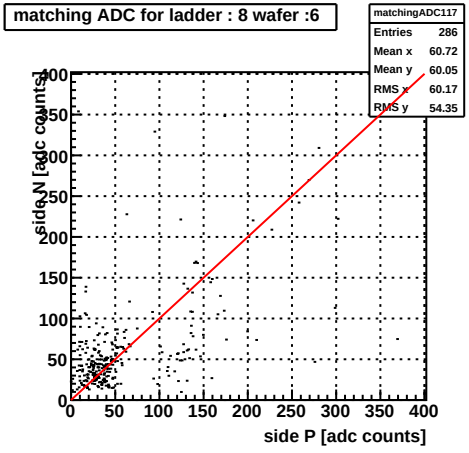

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 399
Mean x 78.8
Mean y 59.65
RMS x 67.89
RMS y 58.05
side N [adc counts]
side P [adc counts]

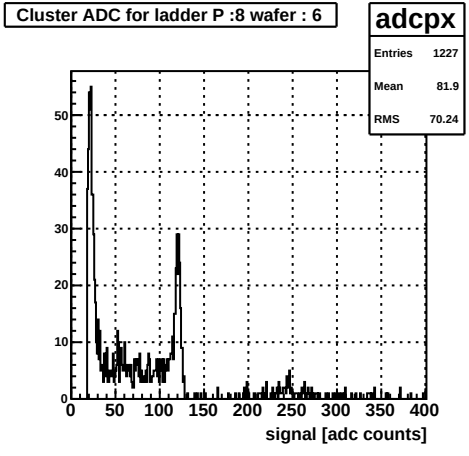

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 1109
Mean 60.04
RMS 51.37
signal [adc counts]

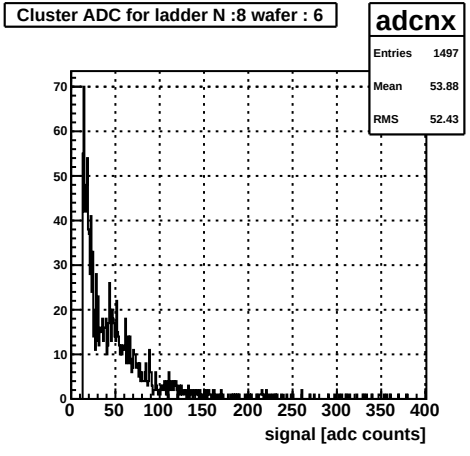

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 880
Mean 53.36
RMS 50.35
signal [adc counts]

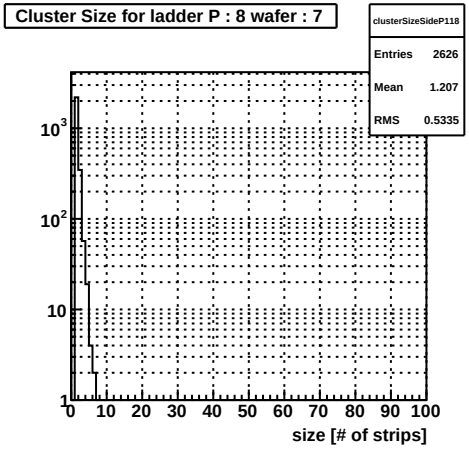

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 1227
Mean 1.187
RMS 0.4852
size [# of strips]

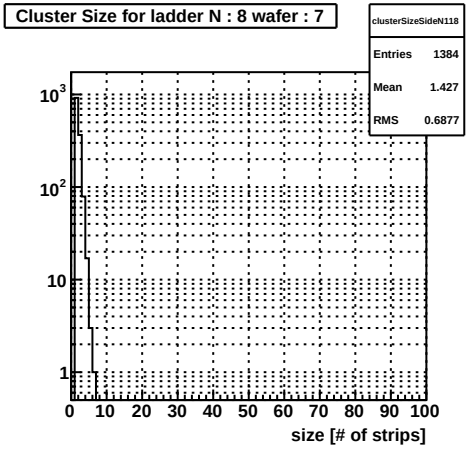

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 1497
Mean 1.421
RMS 0.7749
size [# of strips]

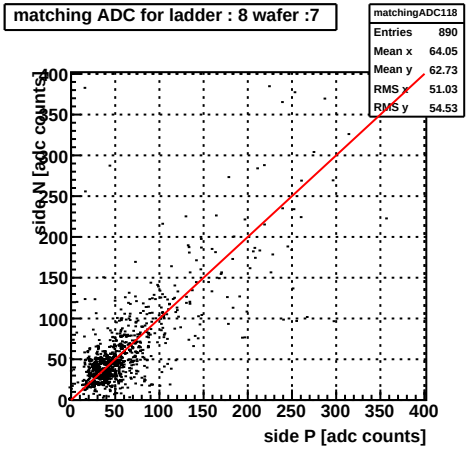

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 286
Mean x 60.72
Mean y 60.05
RMS x 60.17
RMS y 54.35
side N [adc counts]
side P [adc counts]

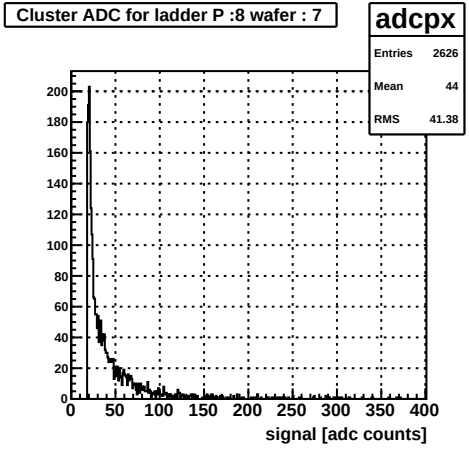

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 1227
Mean 81.9
RMS 70.24
signal [adc counts]

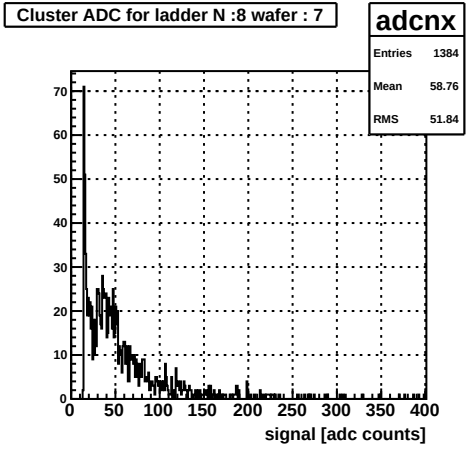

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 1497
Mean 53.88
RMS 52.43
signal [adc counts]

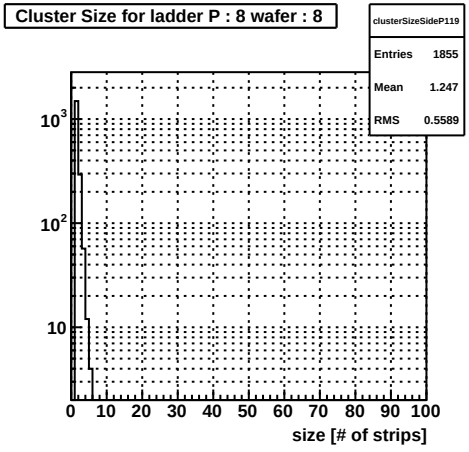

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 2626
Mean 1.207
RMS 0.5335
size [# of strips]

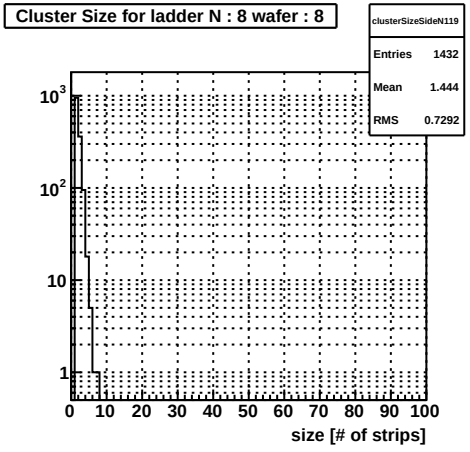

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1384
Mean 1.427
RMS 0.6877
size [# of strips]

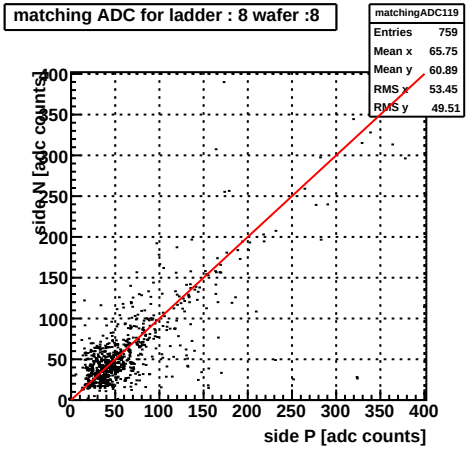

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 890
Mean x 64.05
Mean y 62.73
RMS x 51.03
RMS y 54.53
side N [adc counts]
side P [adc counts]

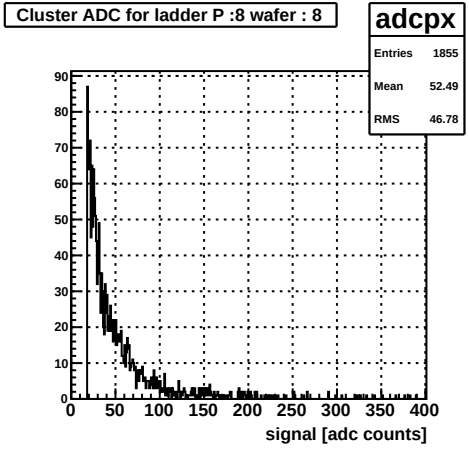

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 2626
Mean 44
RMS 41.38
signal [adc counts]

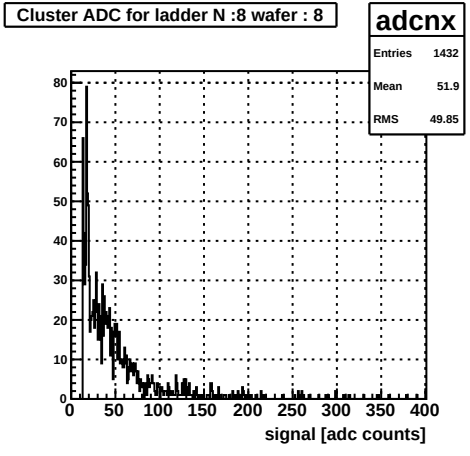

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1384
Mean 58.76
RMS 51.84
signal [adc counts]

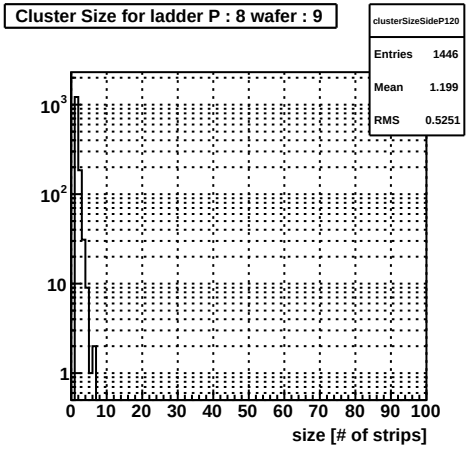

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 1855
Mean 1.247
RMS 0.5589
size [# of strips]

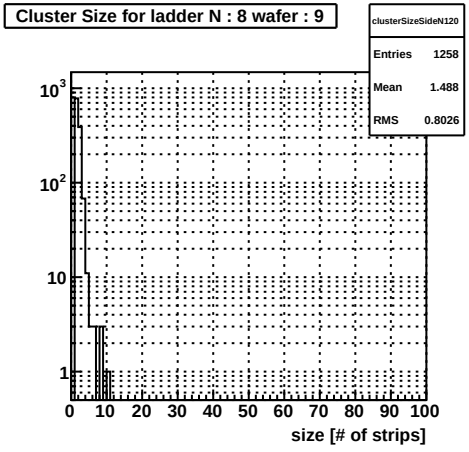

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1432
Mean 1.444
RMS 0.7292
size [# of strips]

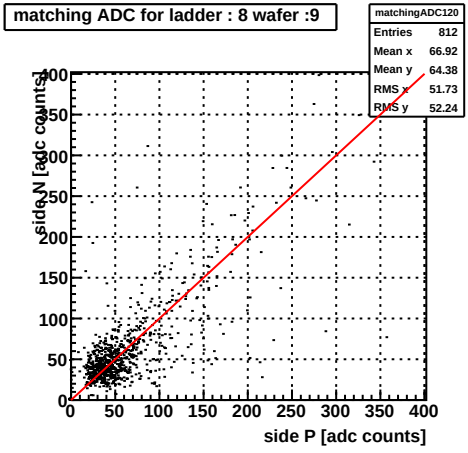

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 759
Mean x 65.75
Mean y 60.89
RMS x 53.45
RMS y 49.51
side N [adc counts]
side P [adc counts]

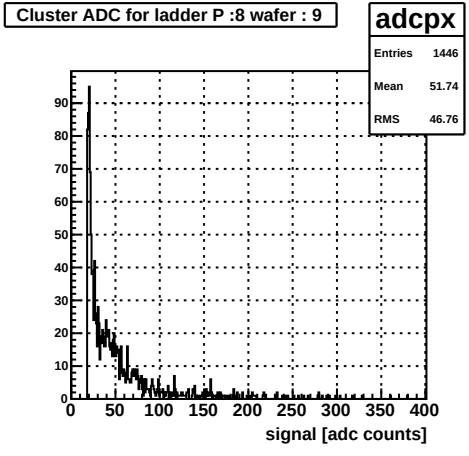

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 1855
Mean 52.49
RMS 46.78
signal [adc counts]

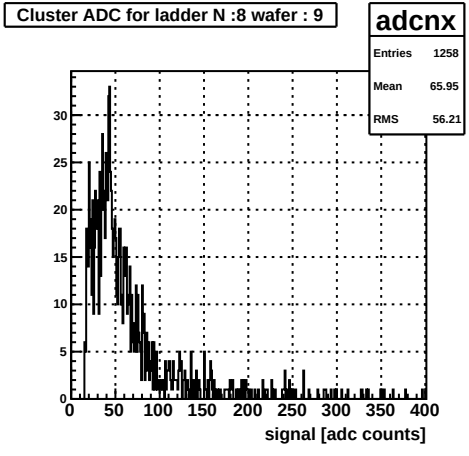

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1432
Mean 51.9
RMS 49.85
signal [adc counts]

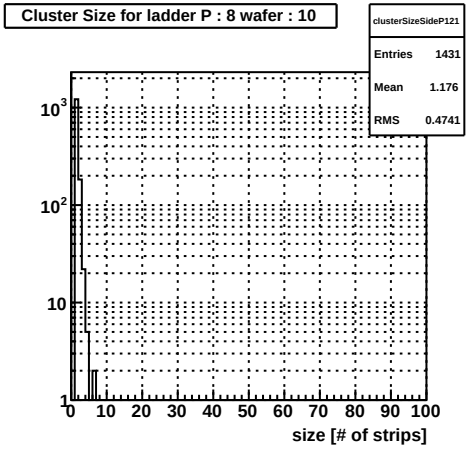

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1446
Mean 1.199
RMS 0.5251
size [# of strips]

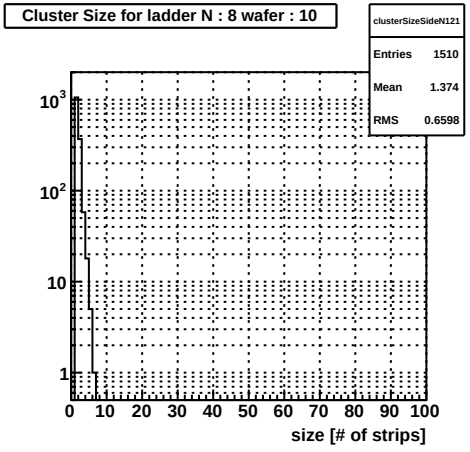

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1258
Mean 1.488
RMS 0.8026
size [# of strips]

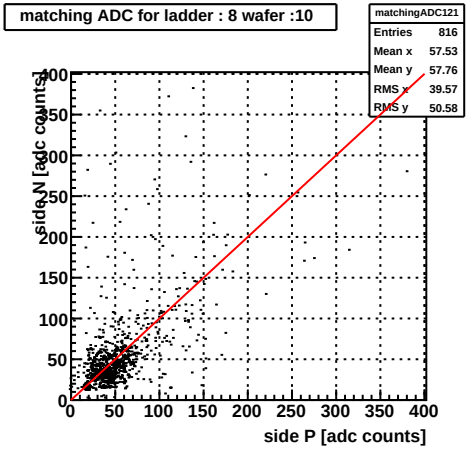

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 812
Mean x 66.92
Mean y 64.38
RMS x 51.73
RMS y 52.24
side N [adc counts]
side P [adc counts]

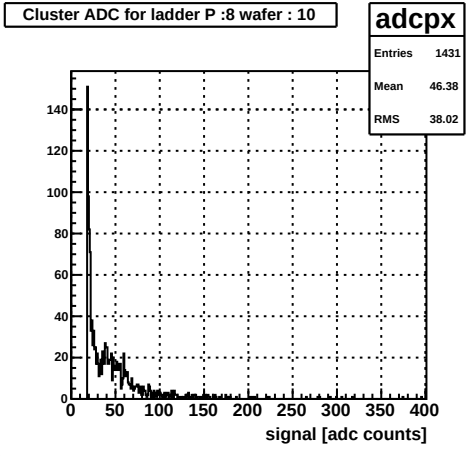

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1446
Mean 51.74
RMS 46.76
signal [adc counts]

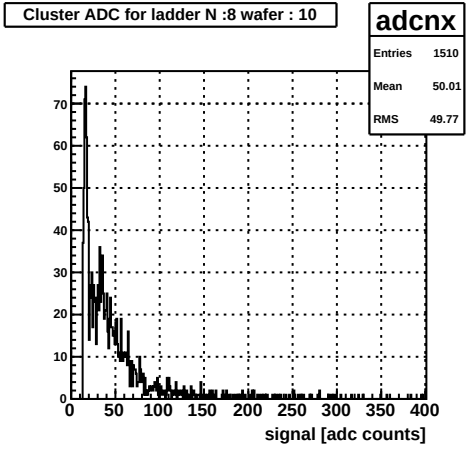

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1258
Mean 65.95
RMS 56.21
signal [adc counts]

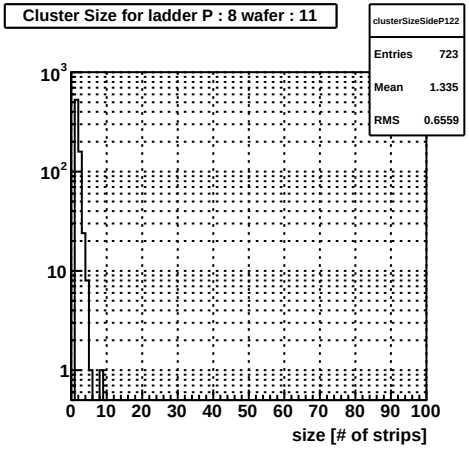

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 1431
Mean 1.176
RMS 0.4741
size [# of strips]

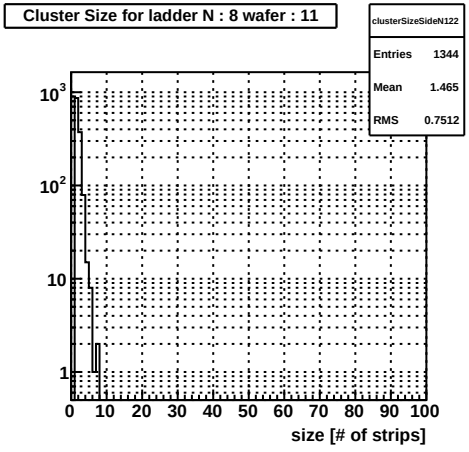

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1510
Mean 1.374
RMS 0.6598
size [# of strips]

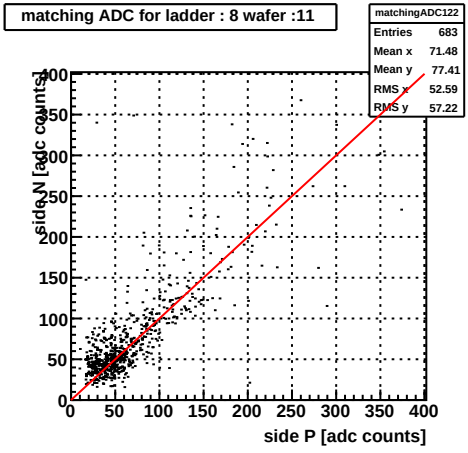

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 816
Mean x 57.53
Mean y 57.76
RMS x 39.57
RMS y 50.58
side N [adc counts]
side P [adc counts]

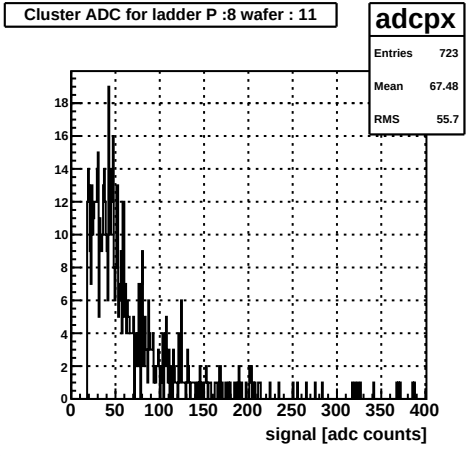

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 1431
Mean 46.38
RMS 38.02
signal [adc counts]

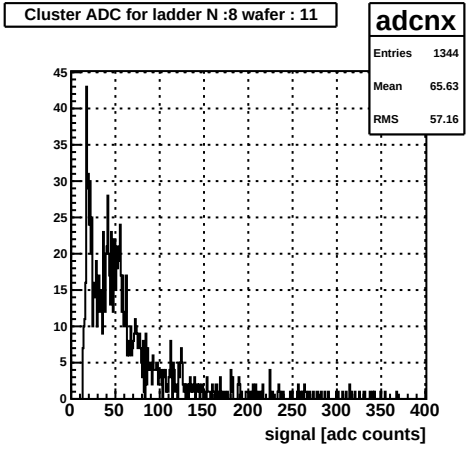

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1510
Mean 50.01
RMS 49.77
signal [adc counts]

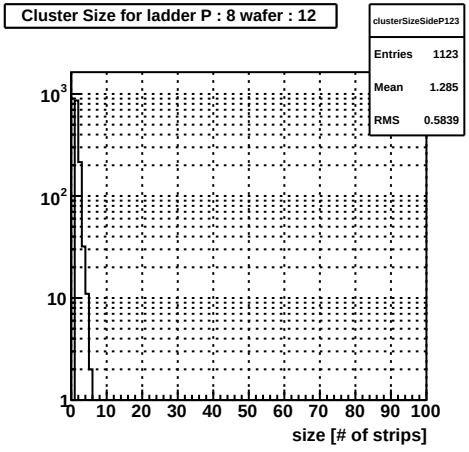

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 723
Mean 1.335
RMS 0.6559
size [# of strips]

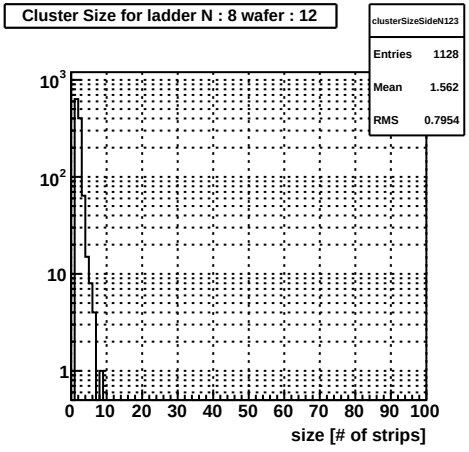

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1344
Mean 1.465
RMS 0.7512
size [# of strips]

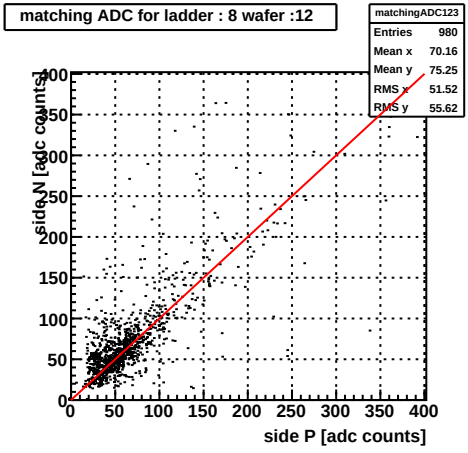

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 683
Mean x 71.48
Mean y 77.41
RMS x 52.59
RMS y 57.22
side N [adc counts]
side P [adc counts]

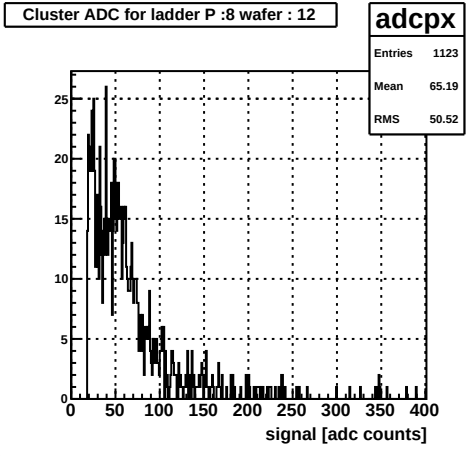

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 723
Mean 67.48
RMS 55.7
signal [adc counts]

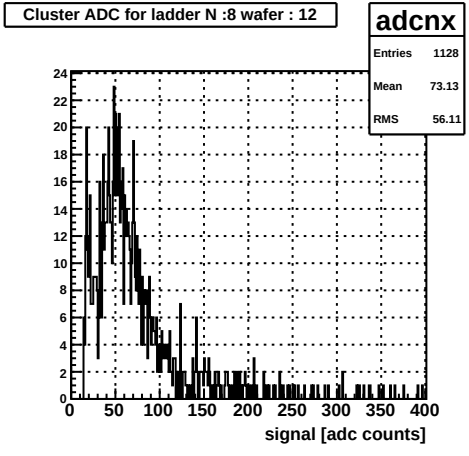

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1344
Mean 65.63
RMS 57.16
signal [adc counts]

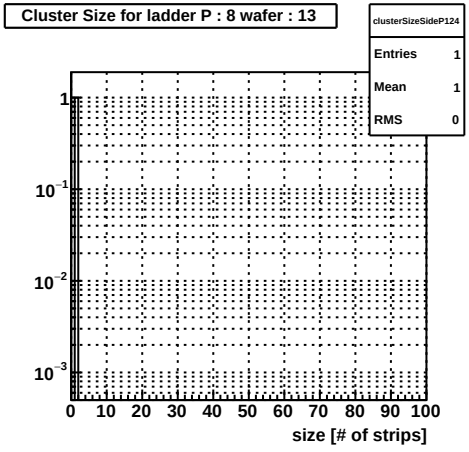

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1123
Mean 1.285
RMS 0.5839
size [# of strips]

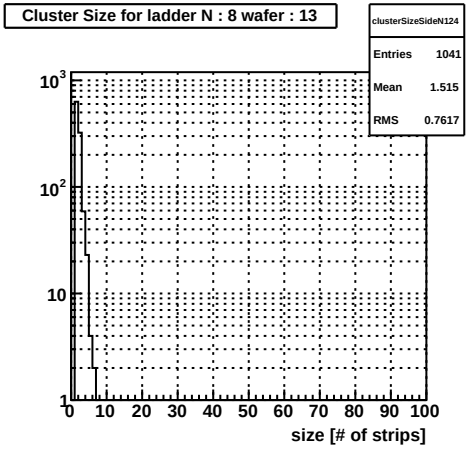

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1128
Mean 1.562
RMS 0.7954
size [# of strips]

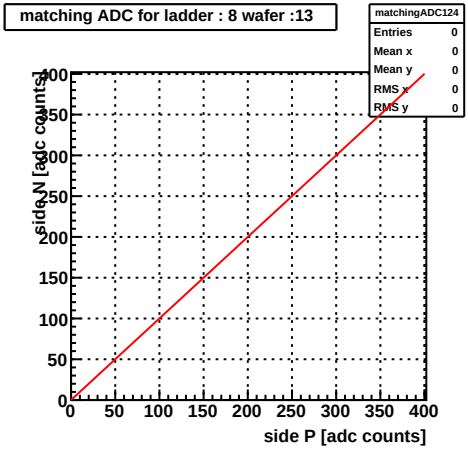

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 980
Mean x 70.16
Mean y 75.25
RMS x 51.52
RMS y 55.62
side N [adc counts]
side P [adc counts]

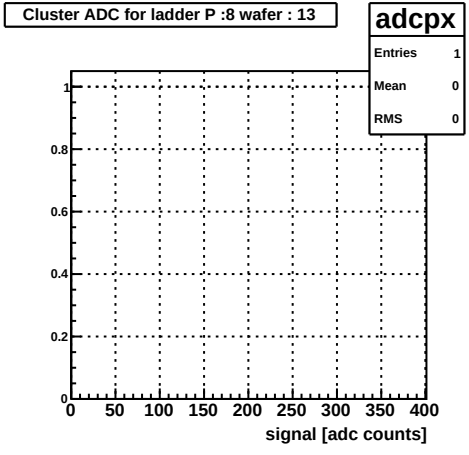

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1123
Mean 65.19
RMS 50.52
signal [adc counts]

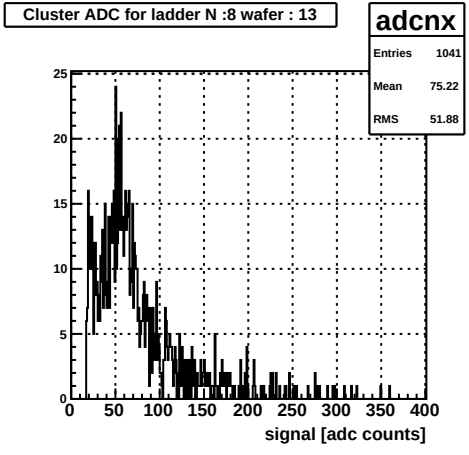

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1128
Mean 73.13
RMS 56.11
signal [adc counts]

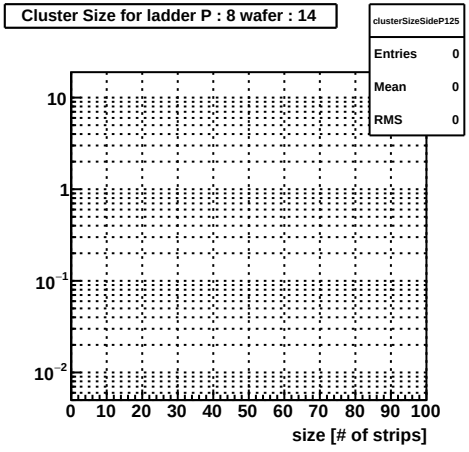

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

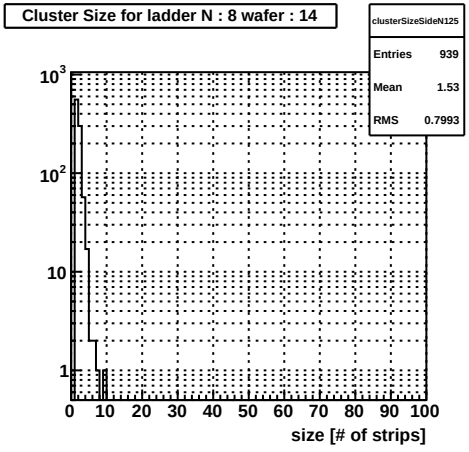

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1041
Mean 1.515
RMS 0.7617
size [# of strips]

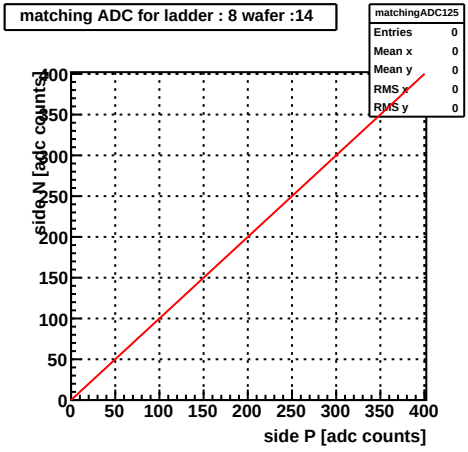

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

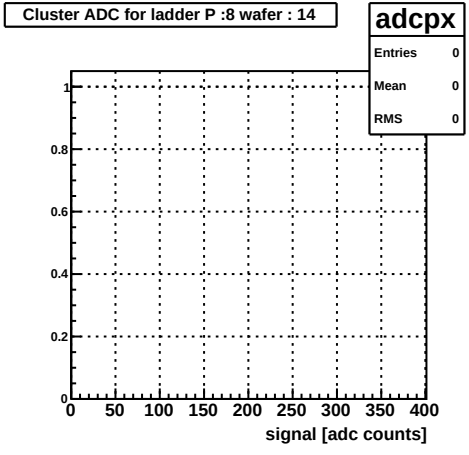

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

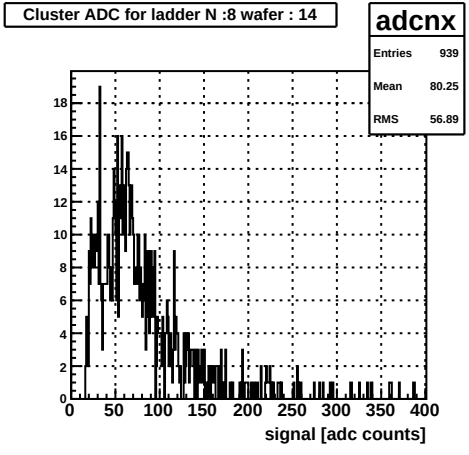

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1041
Mean 75.22
RMS 51.88
signal [adc counts]

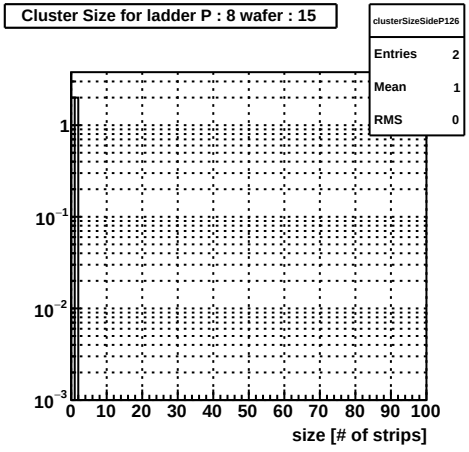

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

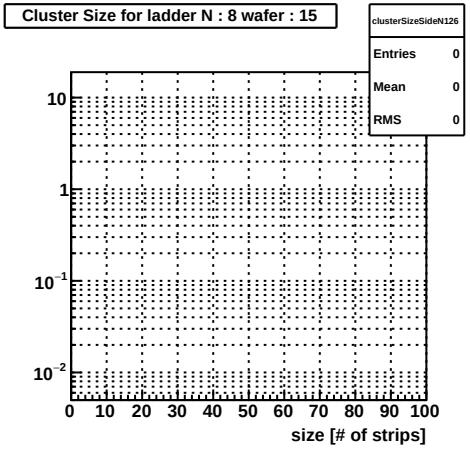

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 939
Mean 1.53
RMS 0.7993
size [# of strips]

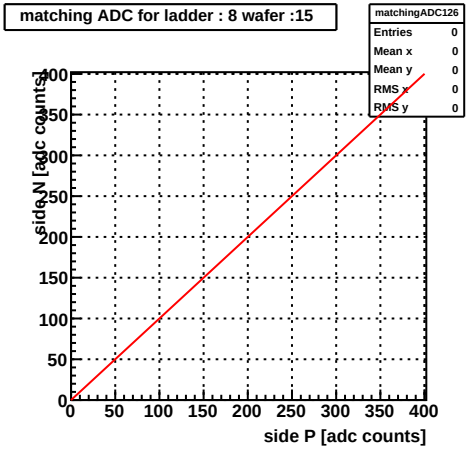

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

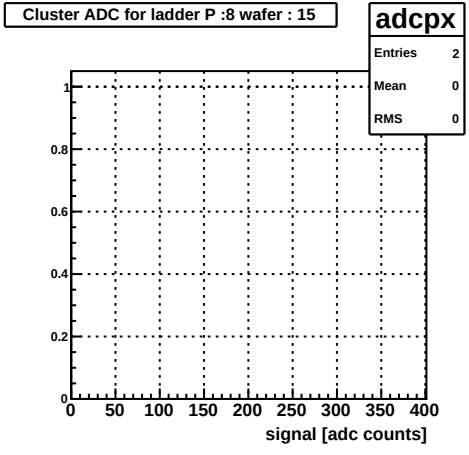

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

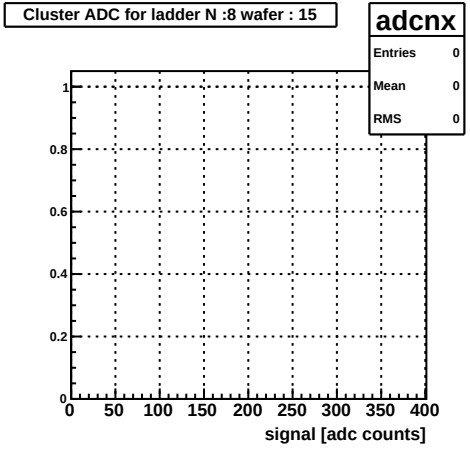

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 939
Mean 80.25
RMS 56.89
signal [adc counts]

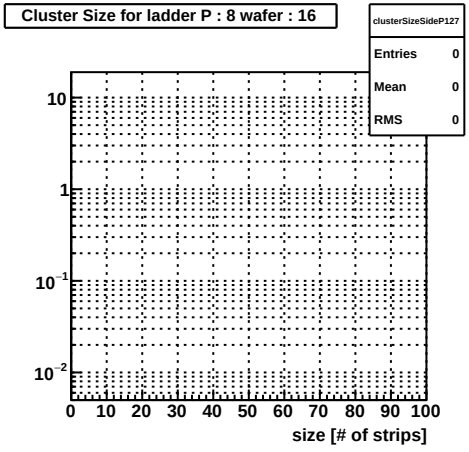

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

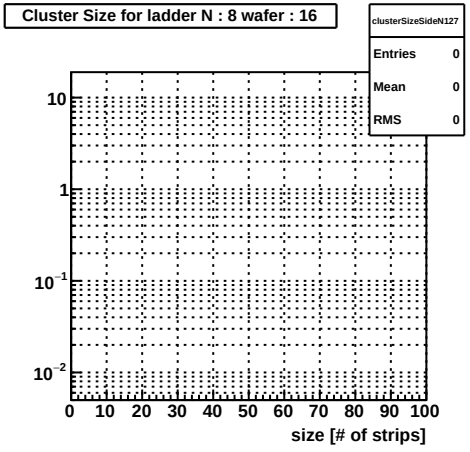

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

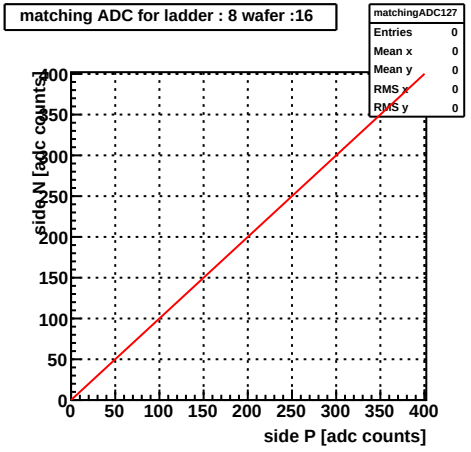

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

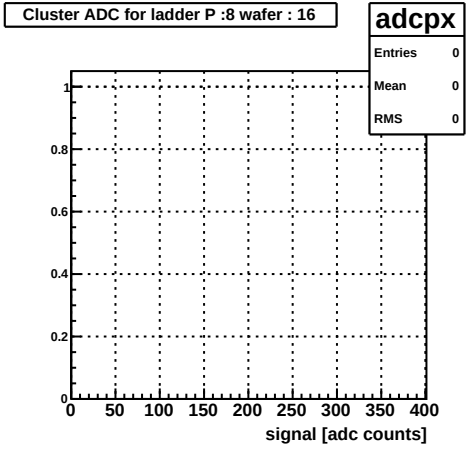

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

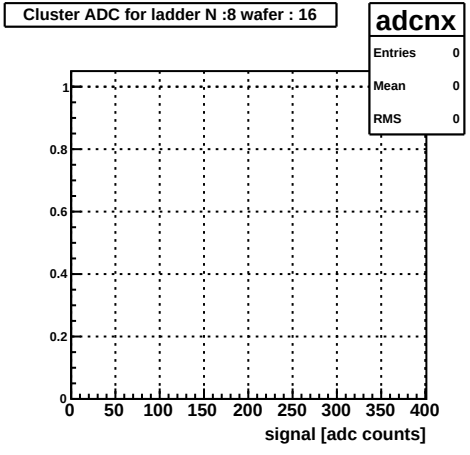

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

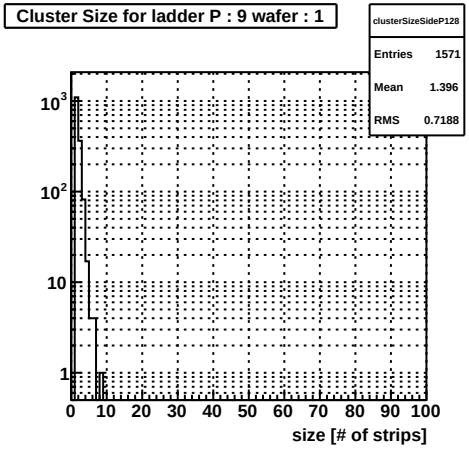

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

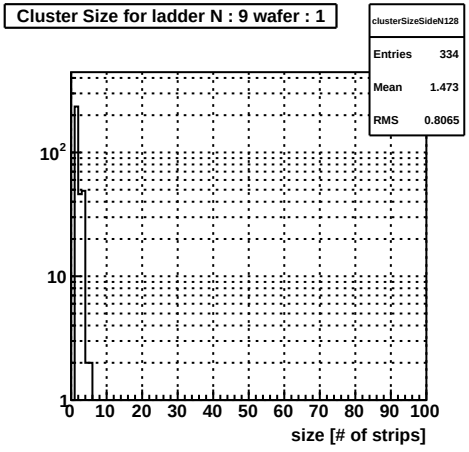

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

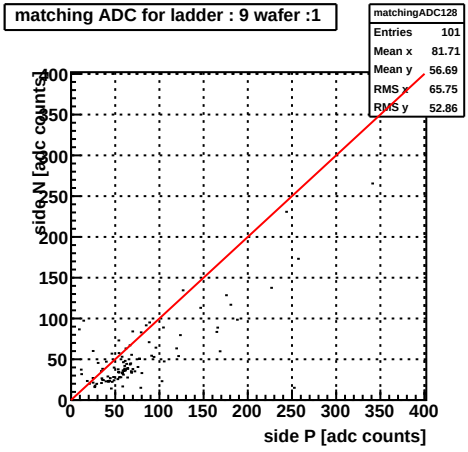

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

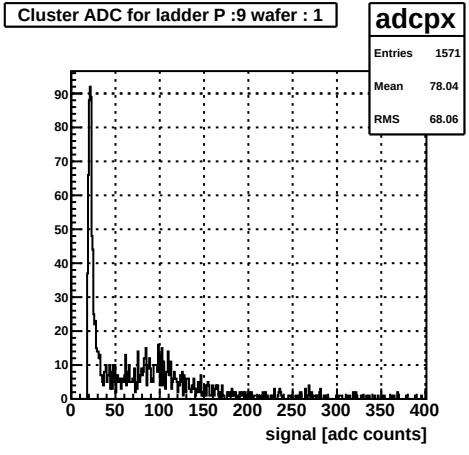

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

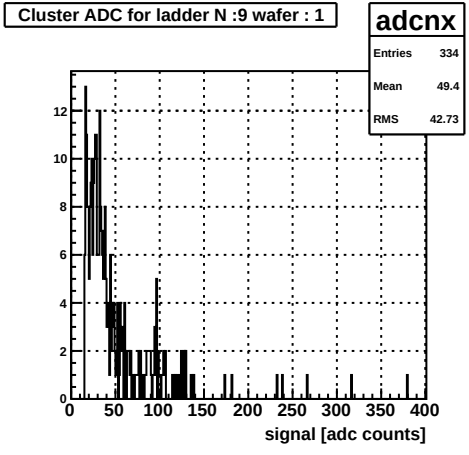

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

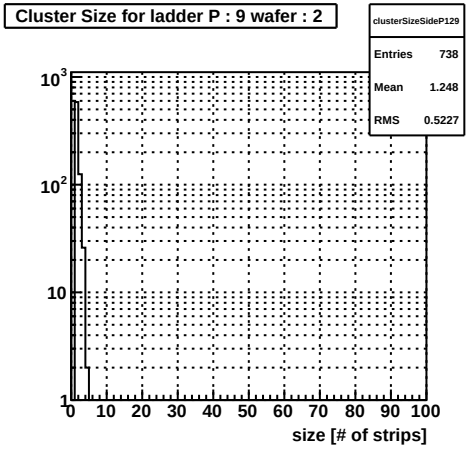

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 1571
Mean 1.396
RMS 0.7188
size [# of strips]

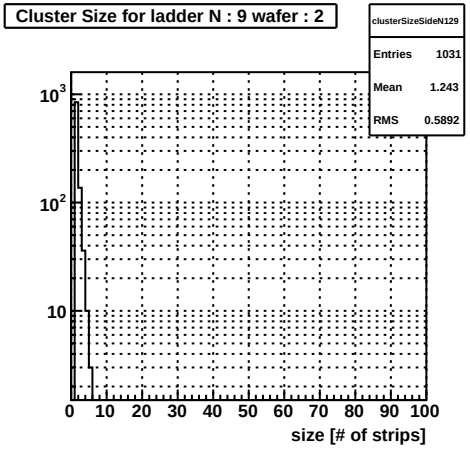

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 334
Mean 1.473
RMS 0.8065
size [# of strips]

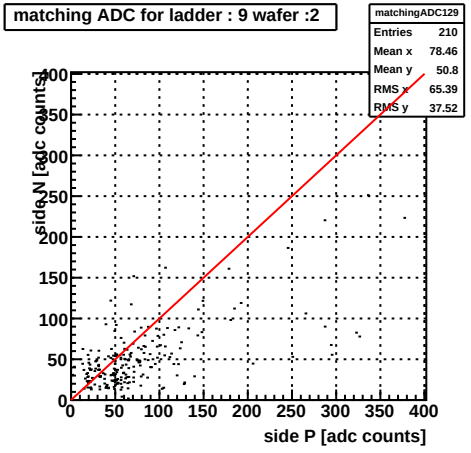

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 101
Mean x 81.71
Mean y 56.69
RMS x 65.75
RMS y 52.86
side N [adc counts]
side P [adc counts]

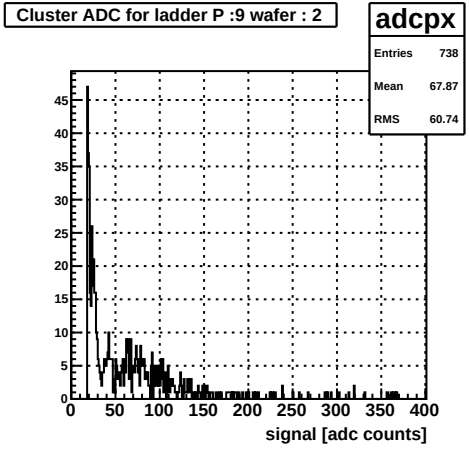

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 1571
Mean 78.04
RMS 68.06
signal [adc counts]

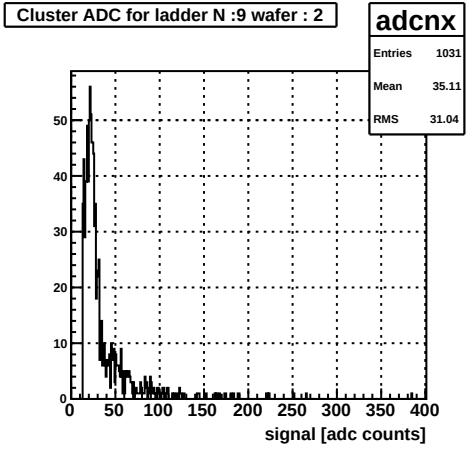

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 334
Mean 49.4
RMS 42.73
signal [adc counts]

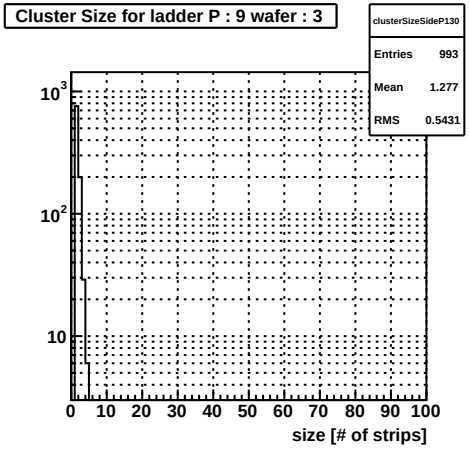

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 738
Mean 1.248
RMS 0.5227
size [# of strips]

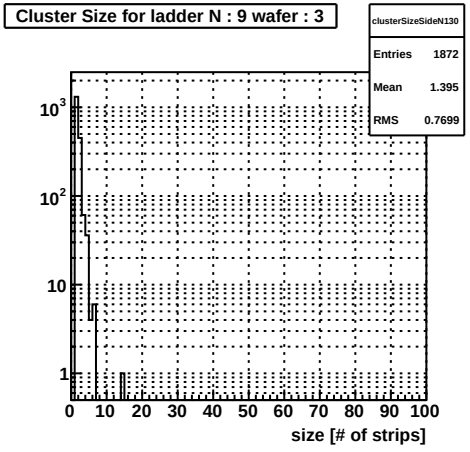

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1031
Mean 1.243
RMS 0.5892
size [# of strips]

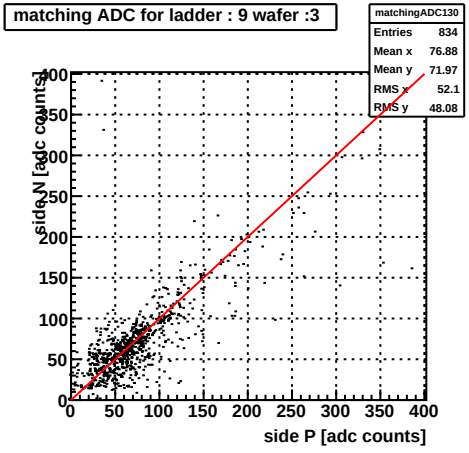

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 210
Mean x 78.46
Mean y 50.8
RMS x 65.39
RMS y 37.52
side N [adc counts]
side P [adc counts]

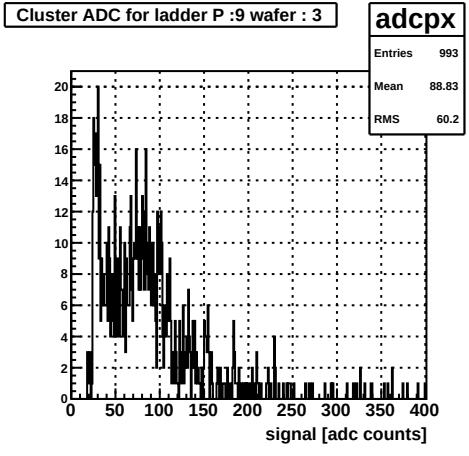

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 738
Mean 67.87
RMS 60.74
signal [adc counts]

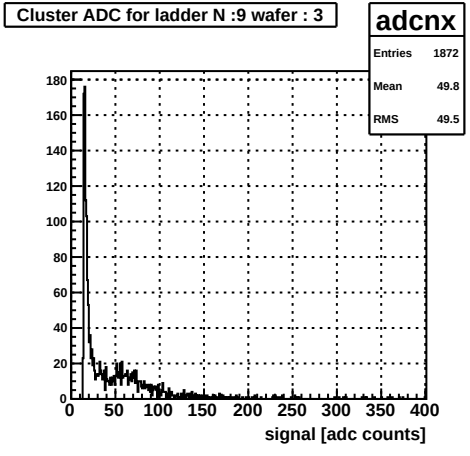

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1031
Mean 35.11
RMS 31.04
signal [adc counts]

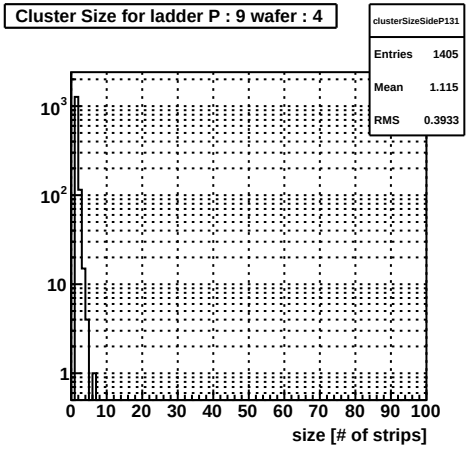

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 993
Mean 1.277
RMS 0.5431
size [# of strips]

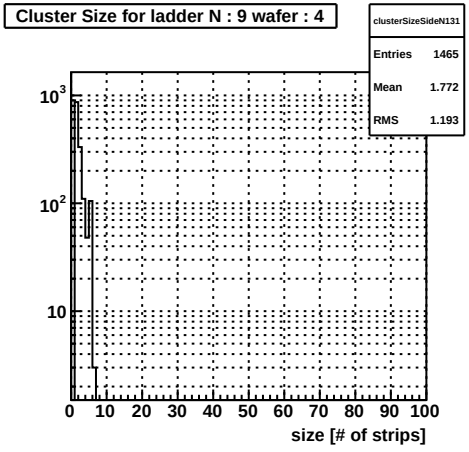

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 1872
Mean 1.395
RMS 0.7699
size [# of strips]

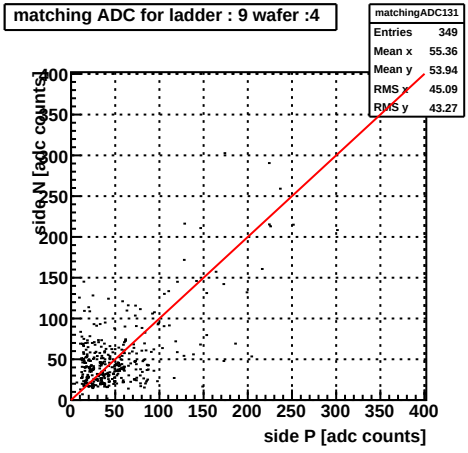

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 834
Mean x 76.88
Mean y 71.97
RMS x 52.1
RMS y 48.08
side N [adc counts]
side P [adc counts]

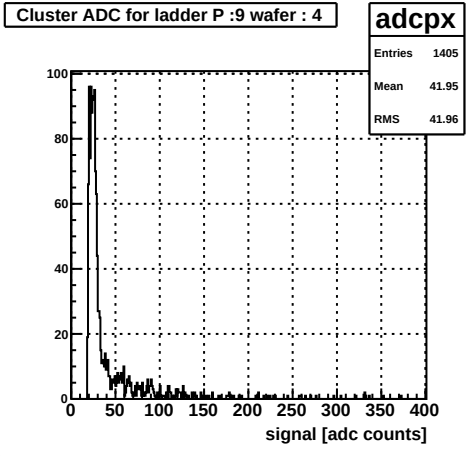

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 993
Mean 88.83
RMS 60.2
signal [adc counts]

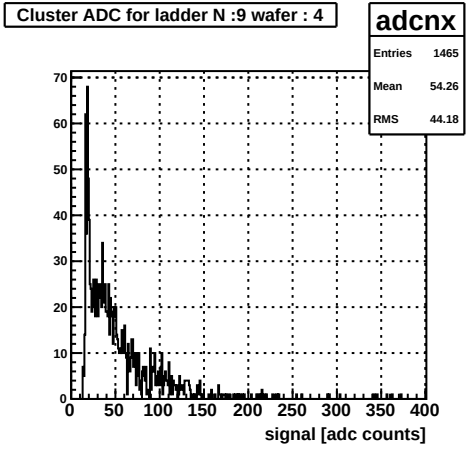

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 1872
Mean 49.8
RMS 49.5
signal [adc counts]

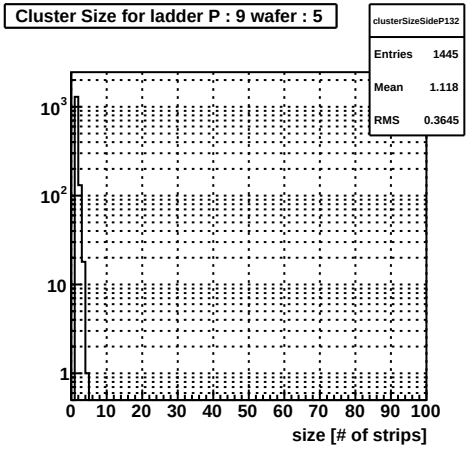

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 1405
Mean 1.115
RMS 0.3933
size [# of strips]

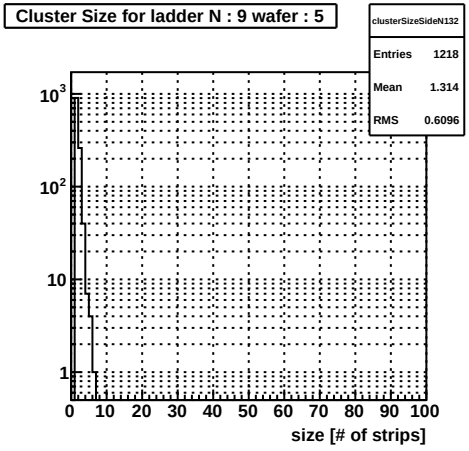

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1465
Mean 1.772
RMS 1.193
size [# of strips]

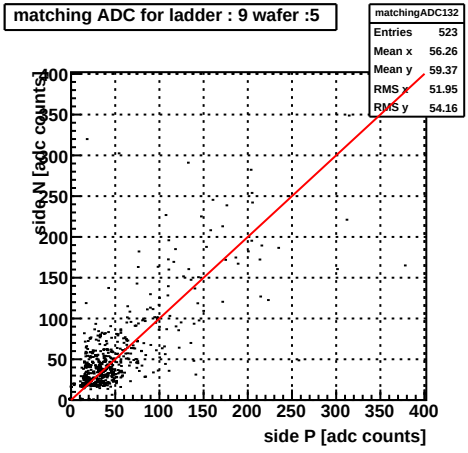

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 349
Mean x 55.36
Mean y 53.94
RMS x 45.09
RMS y 43.27
side N [adc counts]
side P [adc counts]

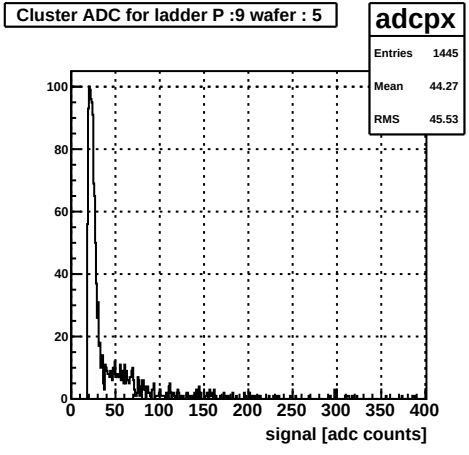

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 1405
Mean 41.95
RMS 41.96
signal [adc counts]

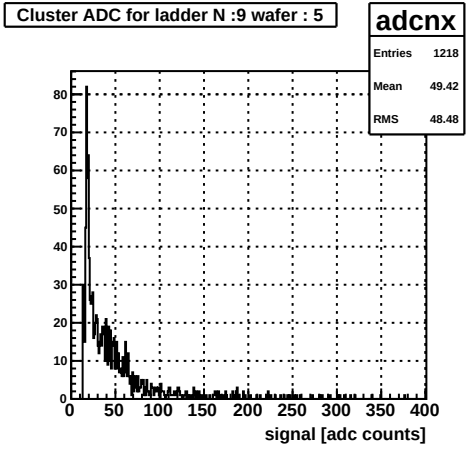

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1465
Mean 54.26
RMS 44.18
signal [adc counts]

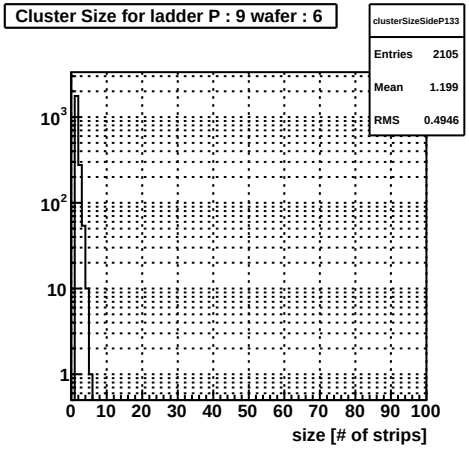

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 1445
Mean 1.118
RMS 0.3645
size [# of strips]

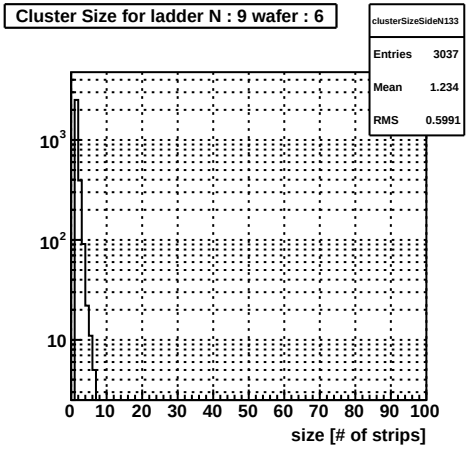

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1218
Mean 1.314
RMS 0.6096
size [# of strips]

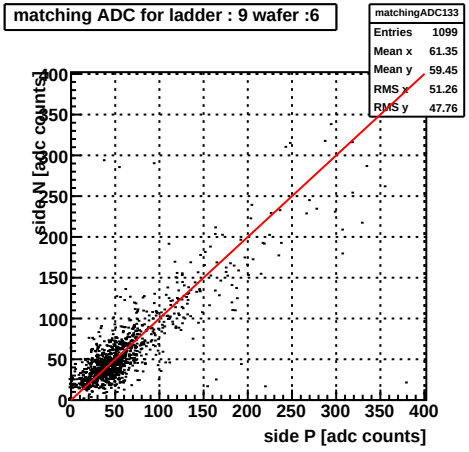

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 523
Mean x 56.26
Mean y 59.37
RMS x 51.95
RMS y 54.16
side N [adc counts]
side P [adc counts]

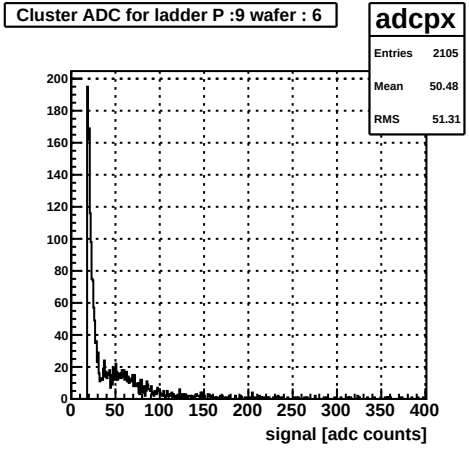

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 1445
Mean 44.27
RMS 45.53
signal [adc counts]

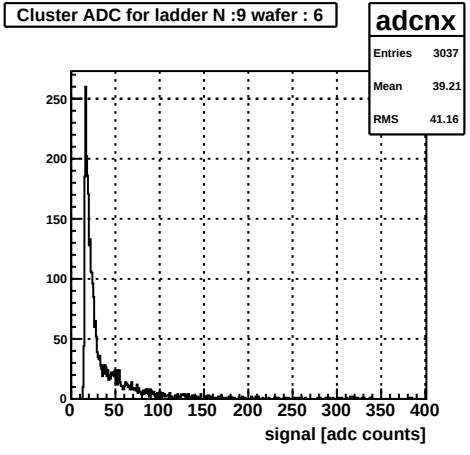

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1218
Mean 49.42
RMS 48.48
signal [adc counts]

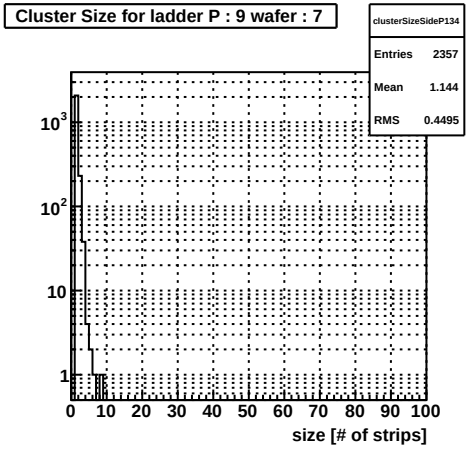

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 2105
Mean 1.199
RMS 0.4946
size [# of strips]

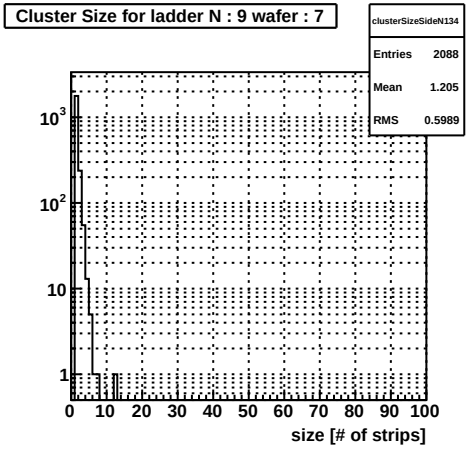

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 3037
Mean 1.234
RMS 0.5991
size [# of strips]

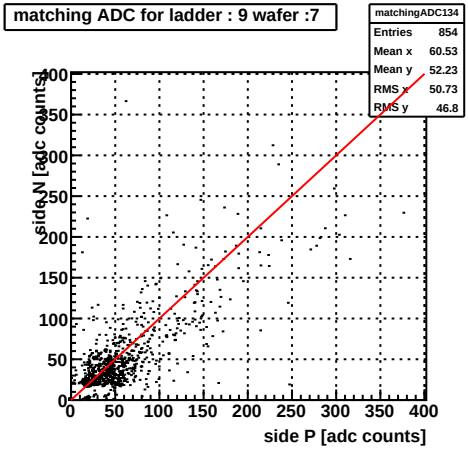

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1099
Mean x 61.35
Mean y 59.45
RMS x 51.26
RMS y 47.76
side N [adc counts]
side P [adc counts]

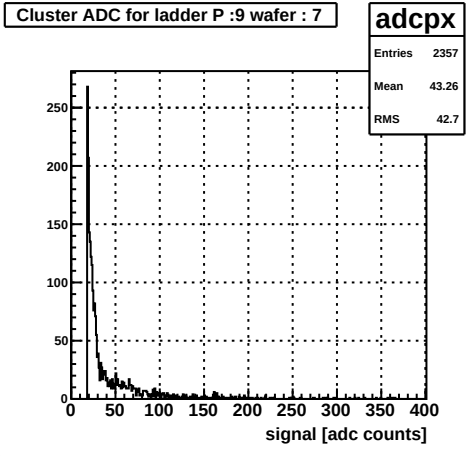

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 2105
Mean 50.48
RMS 51.31
signal [adc counts]

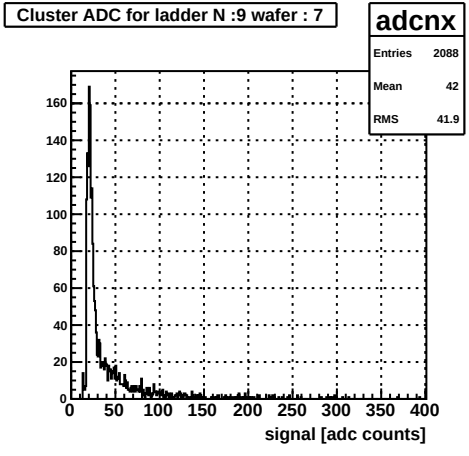

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 3037
Mean 39.21
RMS 41.16
signal [adc counts]

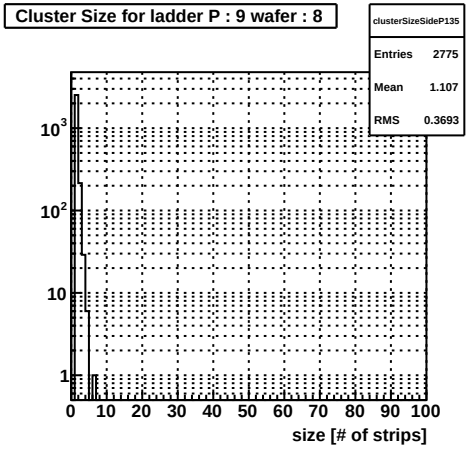

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 2357
Mean 1.144
RMS 0.4495
size [# of strips]

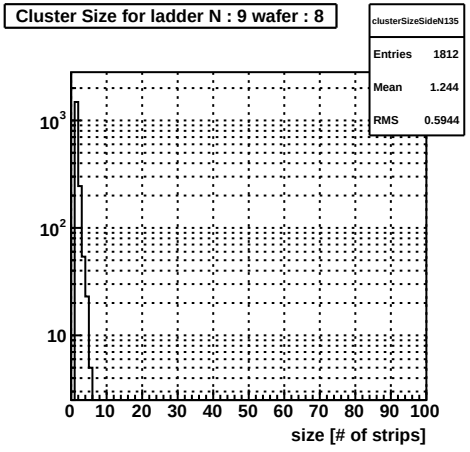

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2088
Mean 1.205
RMS 0.5989
size [# of strips]

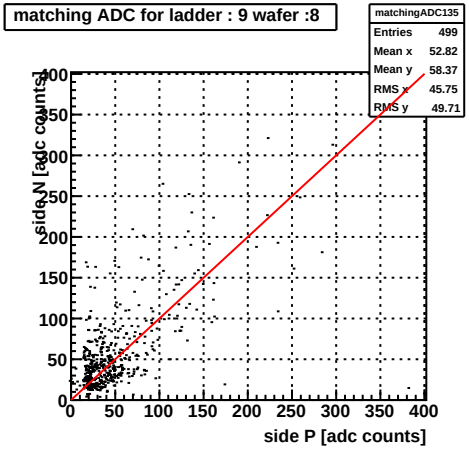

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 854
Mean x 60.53
Mean y 52.23
RMS x 50.73
RMS y 46.8
side N [adc counts]
side P [adc counts]

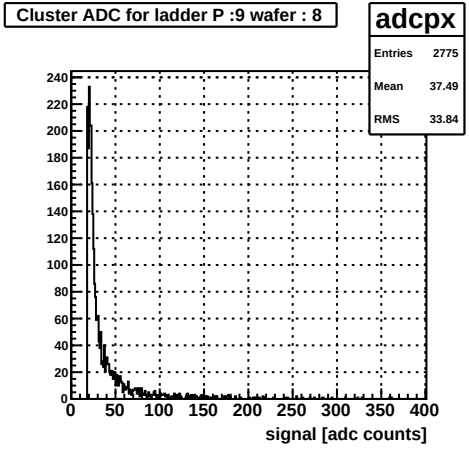

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 2357
Mean 43.26
RMS 42.7
signal [adc counts]

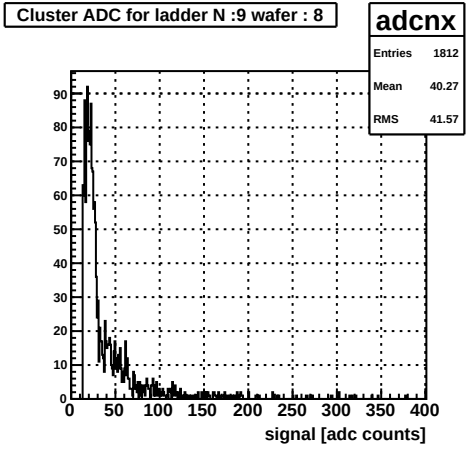

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2088
Mean 42
RMS 41.9
signal [adc counts]

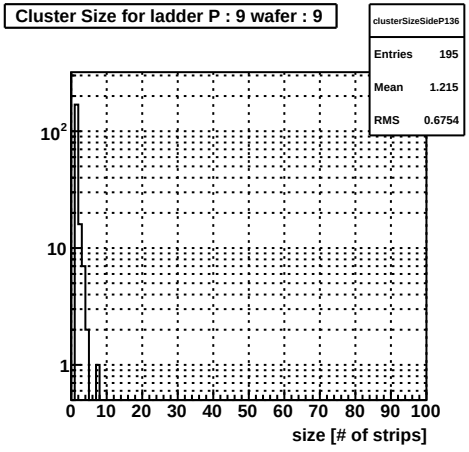

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 2775
Mean 1.107
RMS 0.3693
size [# of strips]

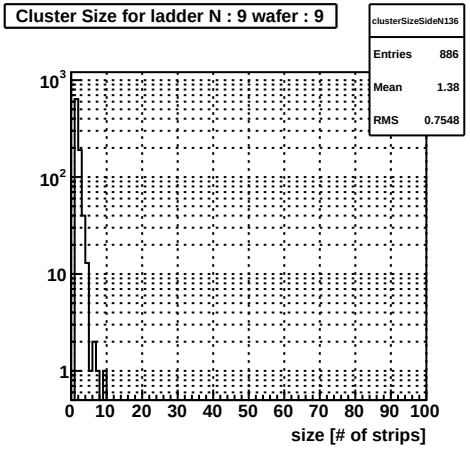

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 1812
Mean 1.244
RMS 0.5944
size [# of strips]

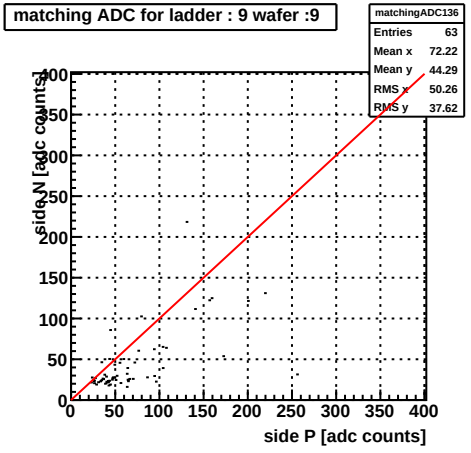

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 499
Mean x 52.82
Mean y 58.37
RMS x 45.75
RMS y 49.71
side N [adc counts]
side P [adc counts]

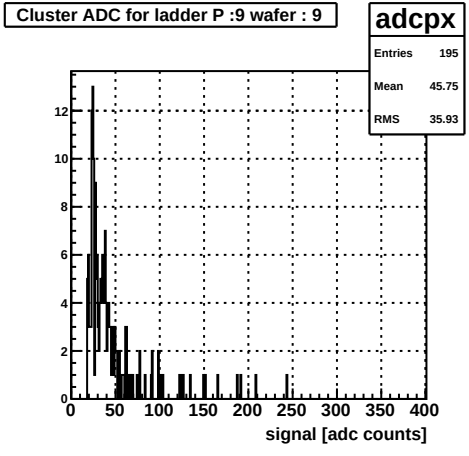

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 2775
Mean 37.49
RMS 33.84
signal [adc counts]

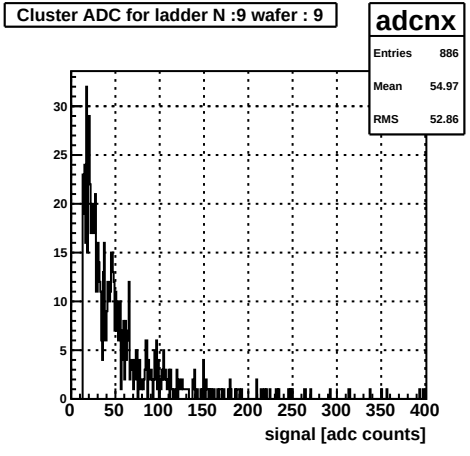

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 1812
Mean 40.27
RMS 41.57
signal [adc counts]

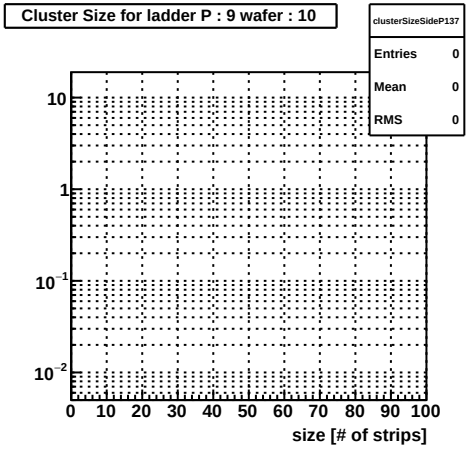

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 195
Mean 1.215
RMS 0.6754
size [# of strips]

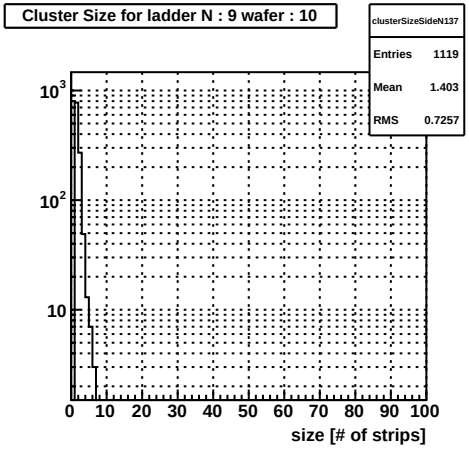

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 886
Mean 1.38
RMS 0.7548
size [# of strips]

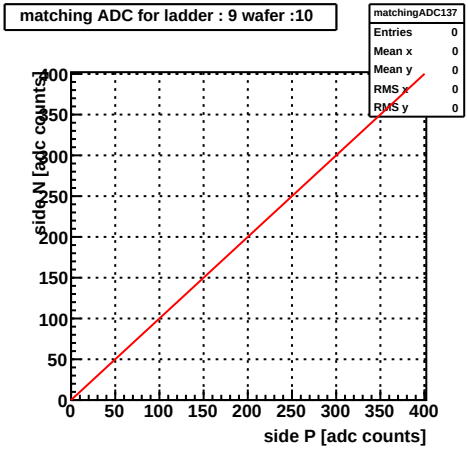

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 63
Mean x 72.22
Mean y 44.29
RMS x 50.26
RMS y 37.62
side N [adc counts]
side P [adc counts]

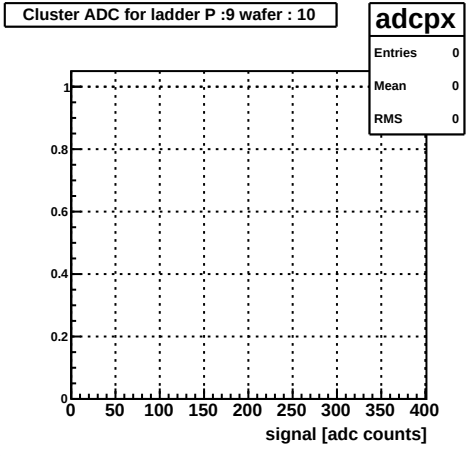

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 195
Mean 45.75
RMS 35.93
signal [adc counts]

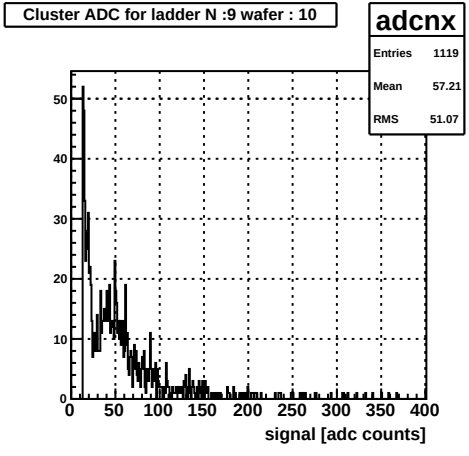

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 886
Mean 54.97
RMS 52.86
signal [adc counts]

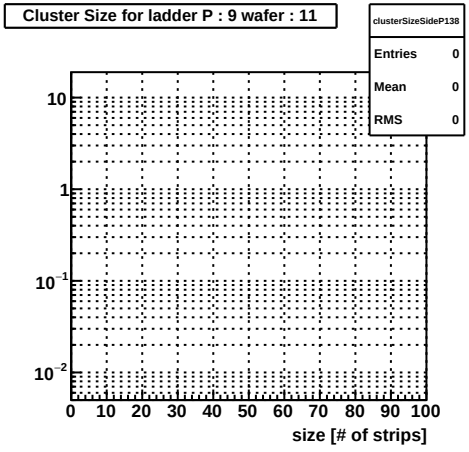

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

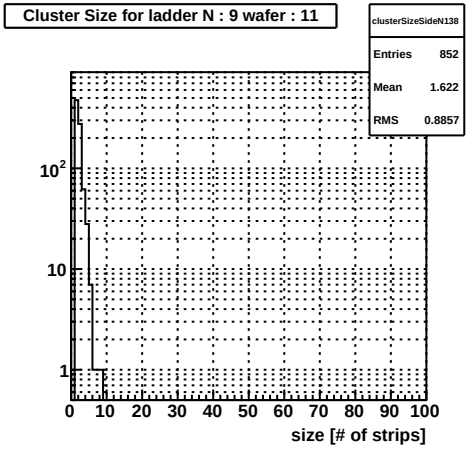

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1119
Mean 1.403
RMS 0.7257
size [# of strips]

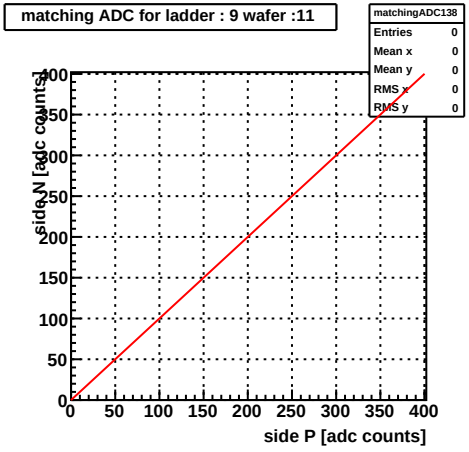

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

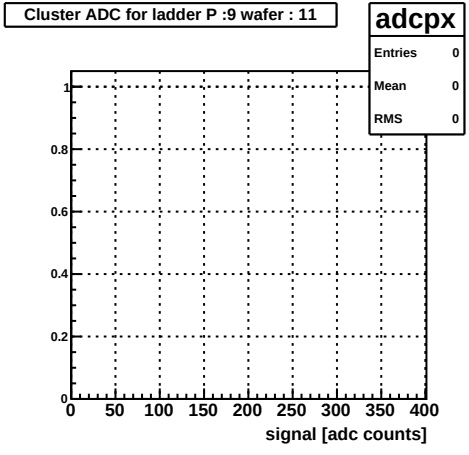

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

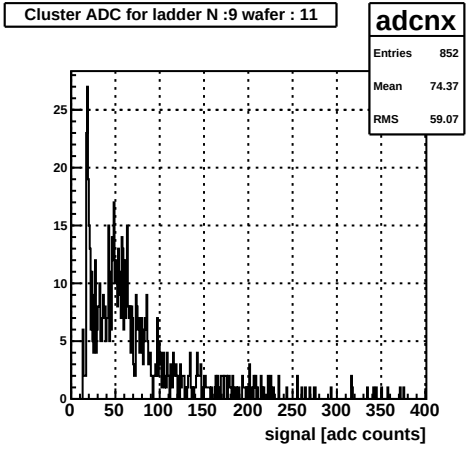

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1119
Mean 57.21
RMS 51.07
signal [adc counts]

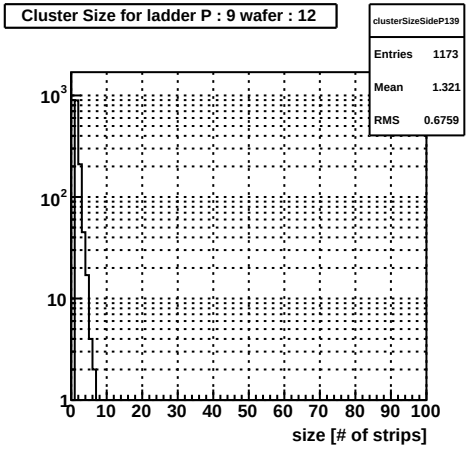

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

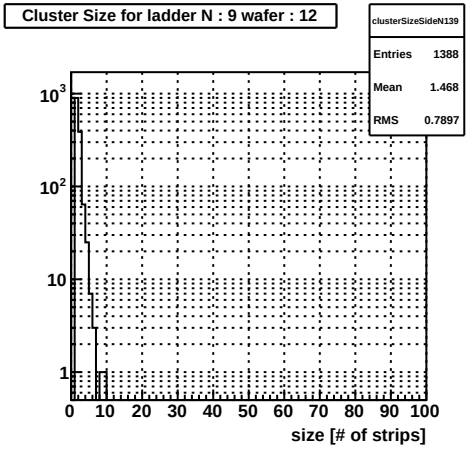

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 852
Mean 1.622
RMS 0.8857
size [# of strips]

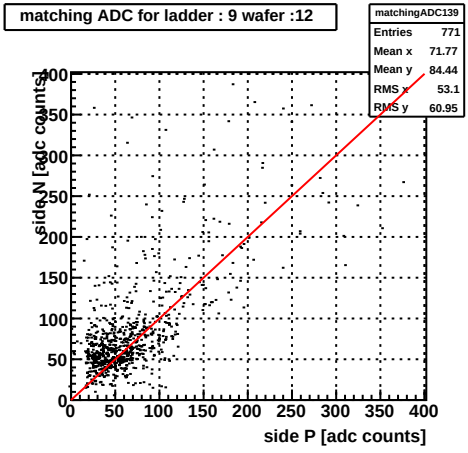

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

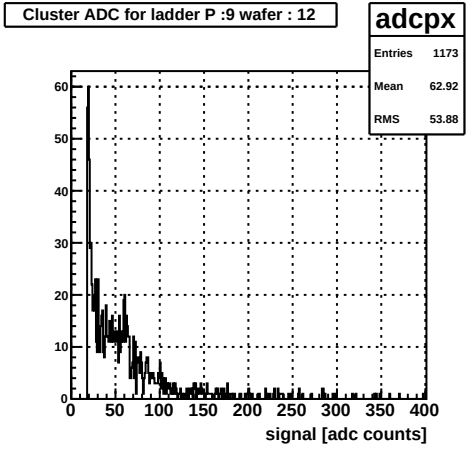

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

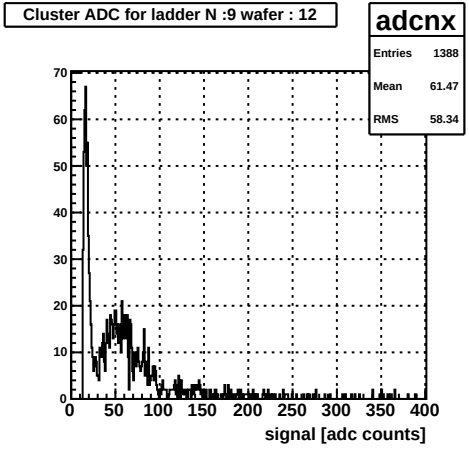

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 852
Mean 74.37
RMS 59.07
signal [adc counts]

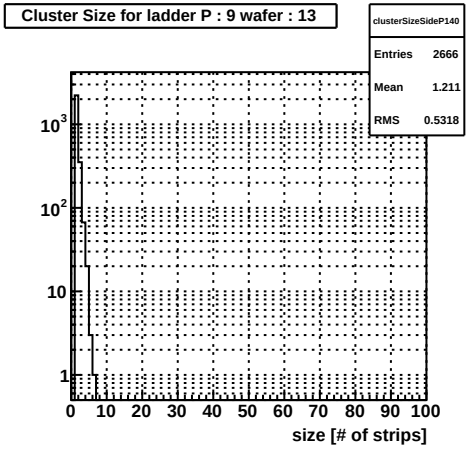

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1173
Mean 1.321
RMS 0.6759
size [# of strips]

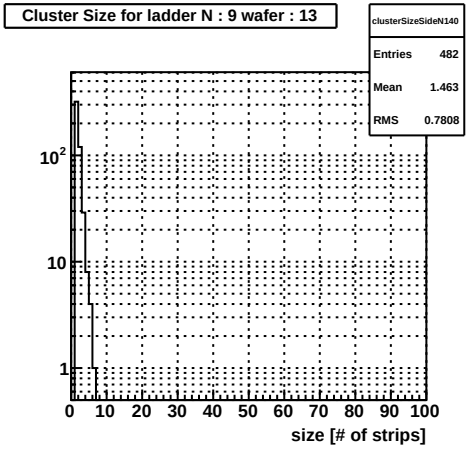

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1388
Mean 1.468
RMS 0.7897
size [# of strips]

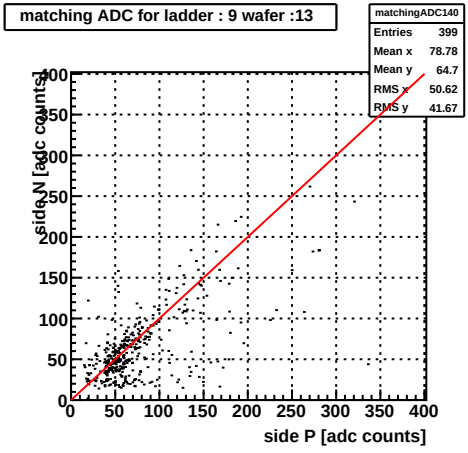

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 771
Mean x 71.77
Mean y 84.44
RMS x 53.1
RMS y 60.95
side N [adc counts]
side P [adc counts]

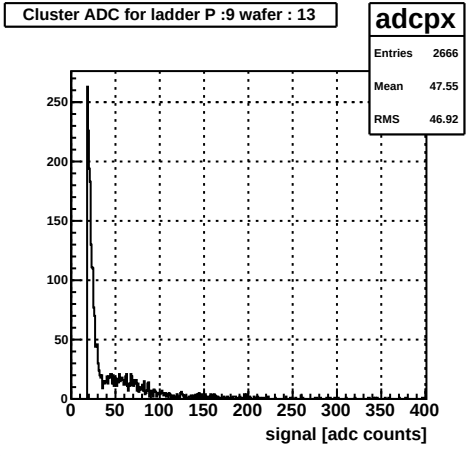

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1173
Mean 62.92
RMS 53.88
signal [adc counts]

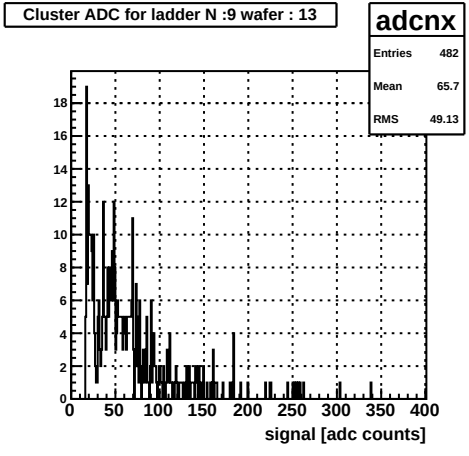

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1388
Mean 61.47
RMS 58.34
signal [adc counts]

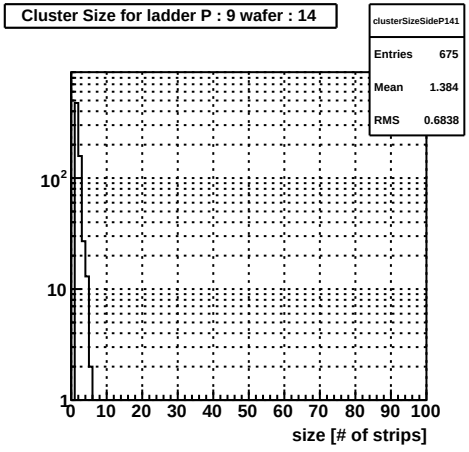

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 2666
Mean 1.211
RMS 0.5318
size [# of strips]

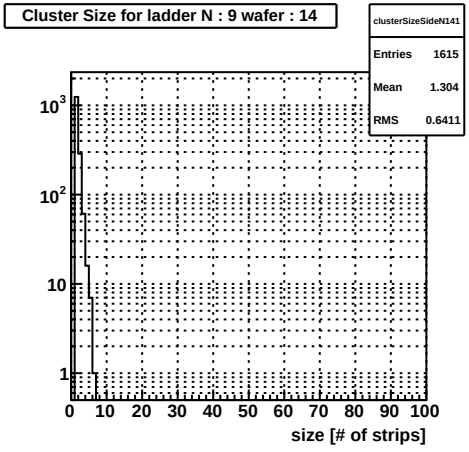

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 482
Mean 1.463
RMS 0.7808
size [# of strips]

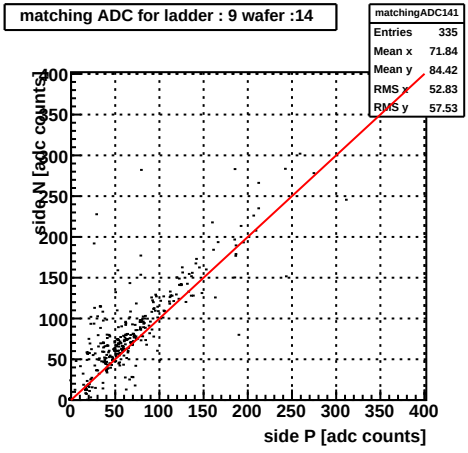

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 399
Mean x 78.78
Mean y 64.7
RMS x 50.62
RMS y 41.67
side N [adc counts]
side P [adc counts]

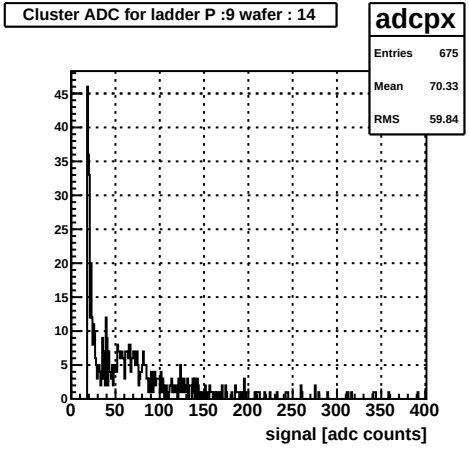

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 2666
Mean 47.55
RMS 46.92
signal [adc counts]

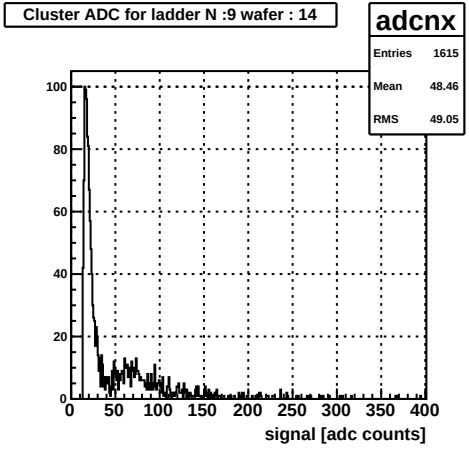

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 482
Mean 65.7
RMS 49.13
signal [adc counts]

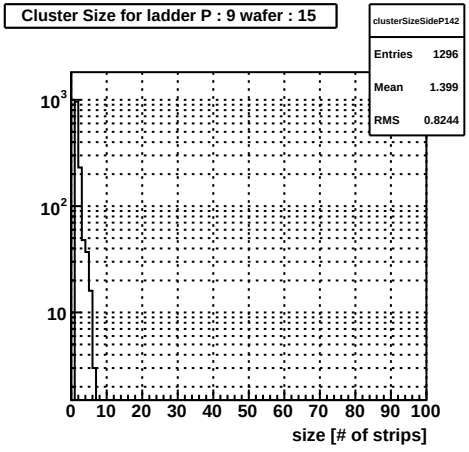

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 675
Mean 1.384
RMS 0.6838
size [# of strips]

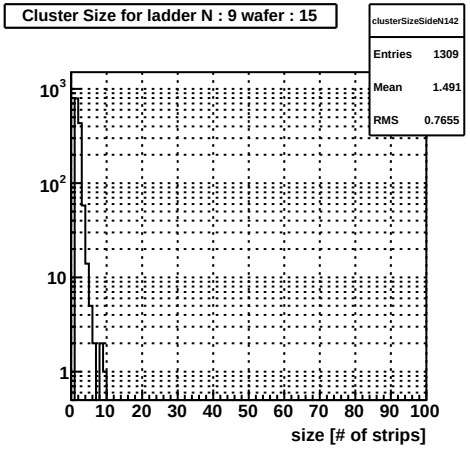

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 1615
Mean 1.304
RMS 0.6411
size [# of strips]

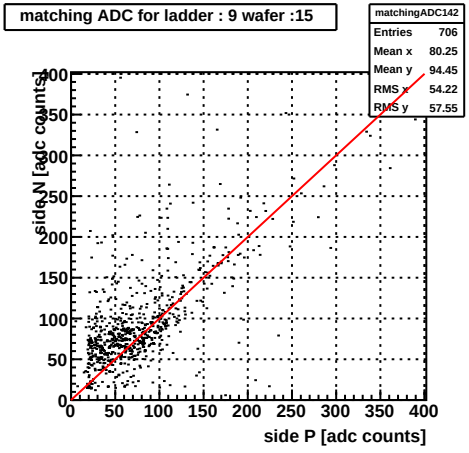

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 335
Mean x 71.84
Mean y 84.42
RMS x 52.83
RMS y 57.53
side N [adc counts]
side P [adc counts]

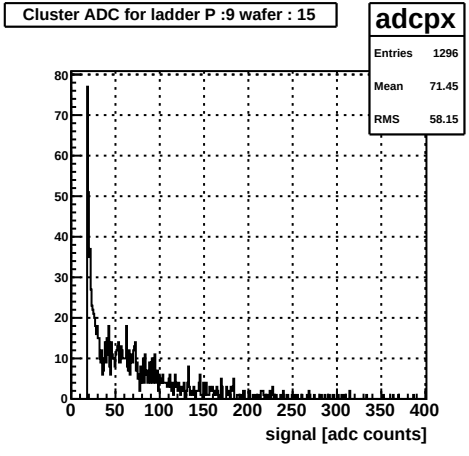

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 675
Mean 70.33
RMS 59.84
signal [adc counts]

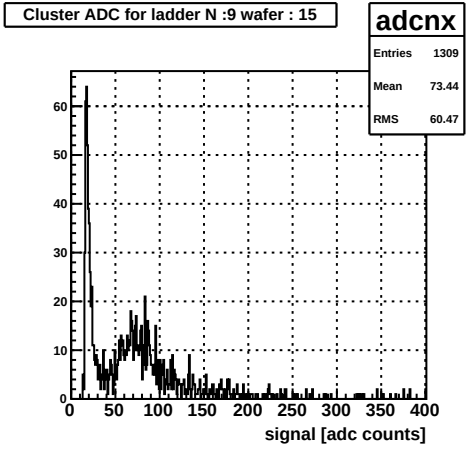

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 1615
Mean 48.46
RMS 49.05
signal [adc counts]

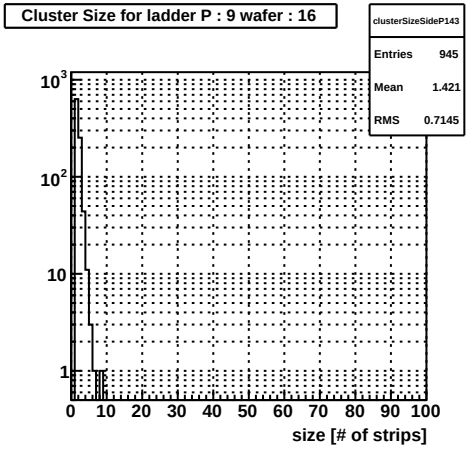

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1296
Mean 1.399
RMS 0.8244
size [# of strips]

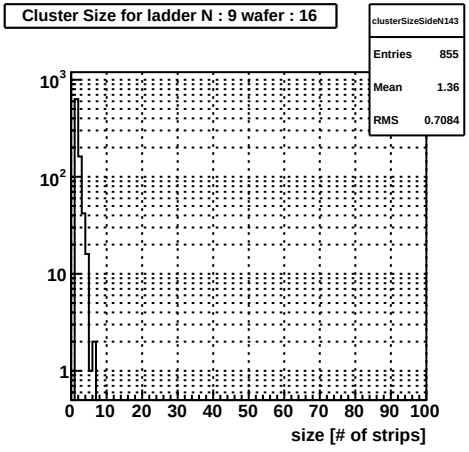

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1309
Mean 1.491
RMS 0.7655
size [# of strips]

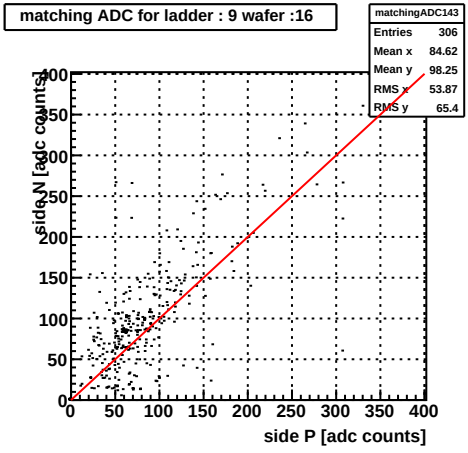

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 706
Mean x 80.25
Mean y 94.45
RMS x 54.22
RMS y 57.55
side N [adc counts]
side P [adc counts]

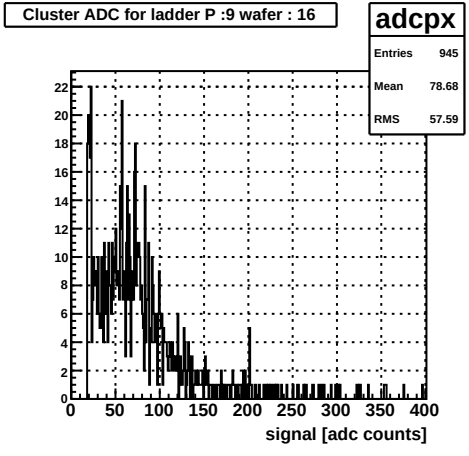

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1296
Mean 71.45
RMS 58.15
signal [adc counts]

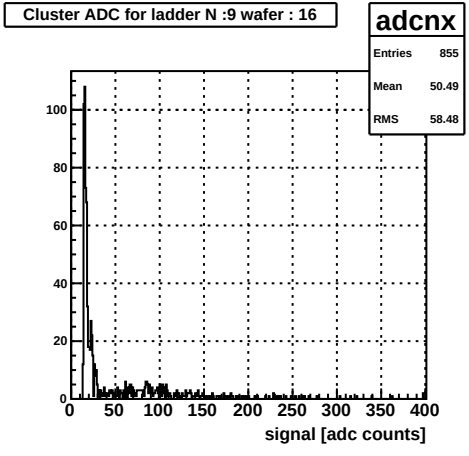

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1309
Mean 73.44
RMS 60.47
signal [adc counts]

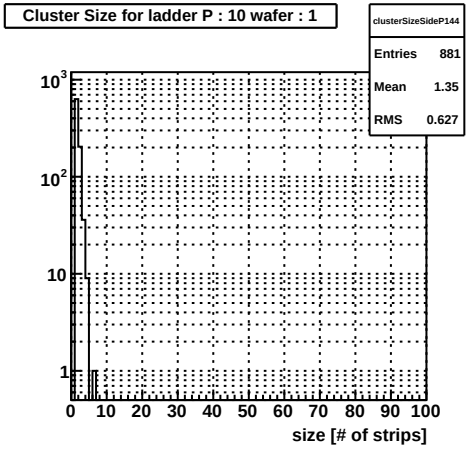

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 945
Mean 1.421
RMS 0.7145
size [# of strips]

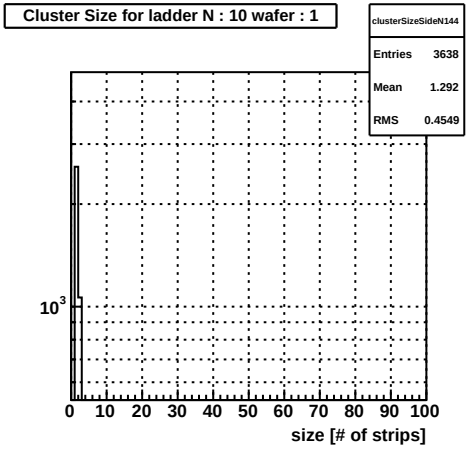

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 855
Mean 1.36
RMS 0.7084
size [# of strips]

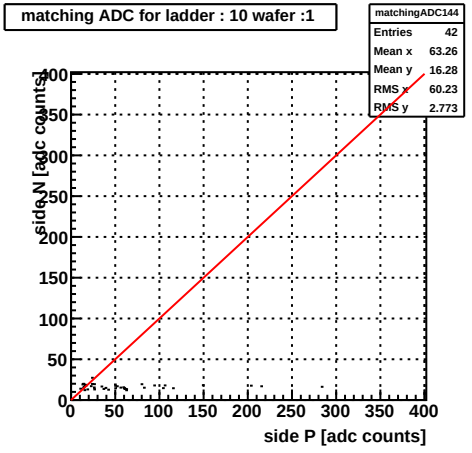

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 306
Mean x 84.62
Mean y 98.25
RMS x 53.87
RMS y 65.4
side N [adc counts]
side P [adc counts]

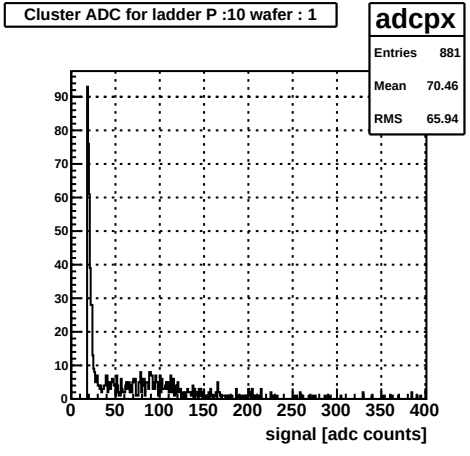

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 945
Mean 78.68
RMS 57.59
signal [adc counts]

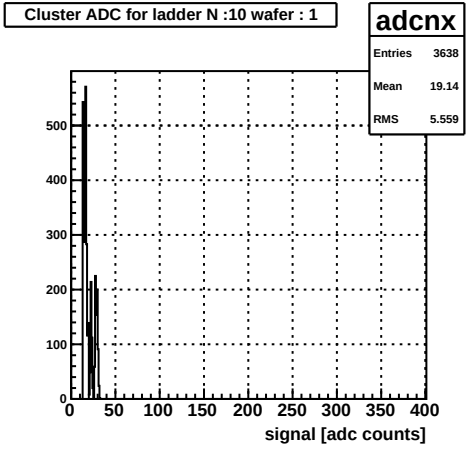

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 855
Mean 50.49
RMS 58.48
signal [adc counts]

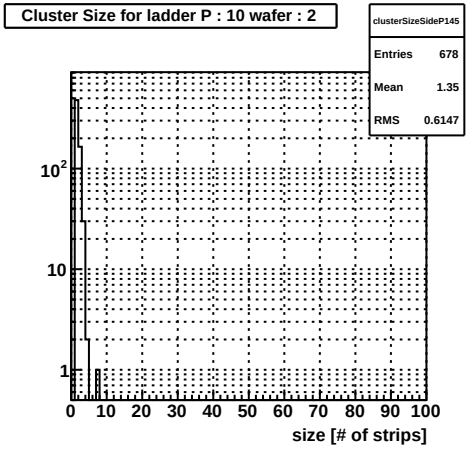

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 881
Mean 1.35
RMS 0.627
size [# of strips]

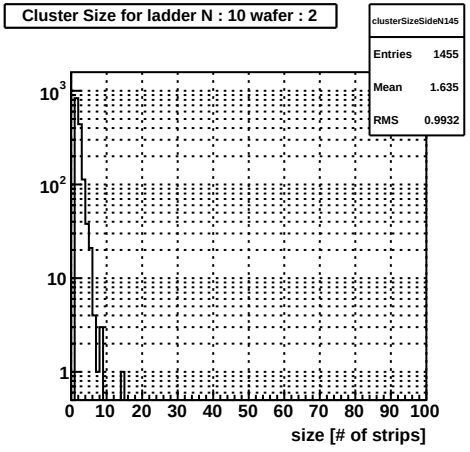

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3638
Mean 1.292
RMS 0.4549
size [# of strips]

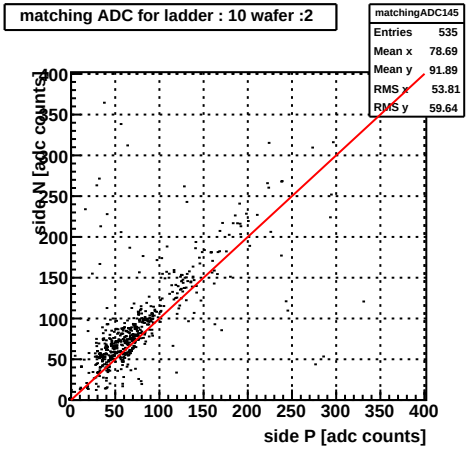

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 42
Mean x 63.26
Mean y 16.28
RMS x 60.23
RMS y 2.773
side N [adc counts]
side P [adc counts]

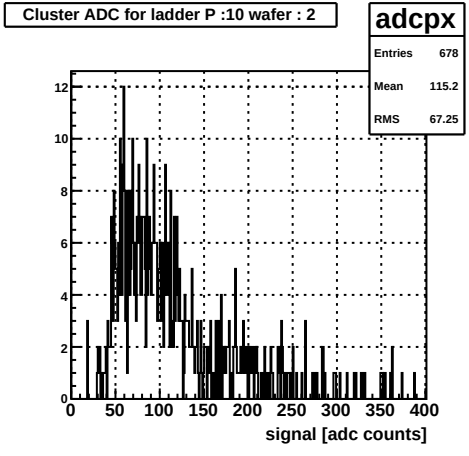

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 881
Mean 70.46
RMS 65.94
signal [adc counts]

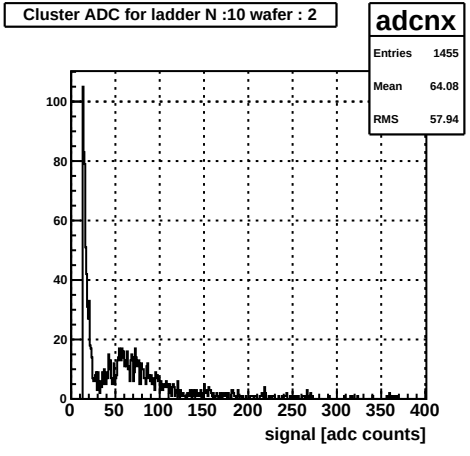

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3638
Mean 19.14
RMS 5.559
signal [adc counts]

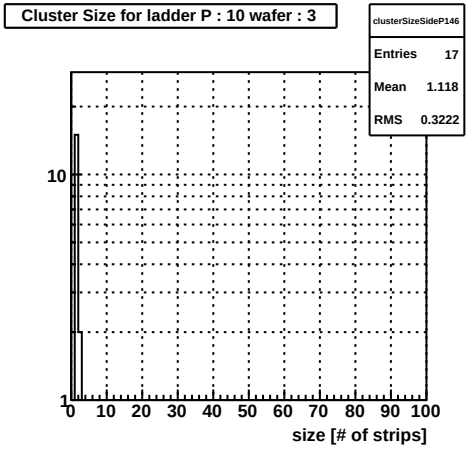

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 678
Mean 1.35
RMS 0.6147
size [# of strips]

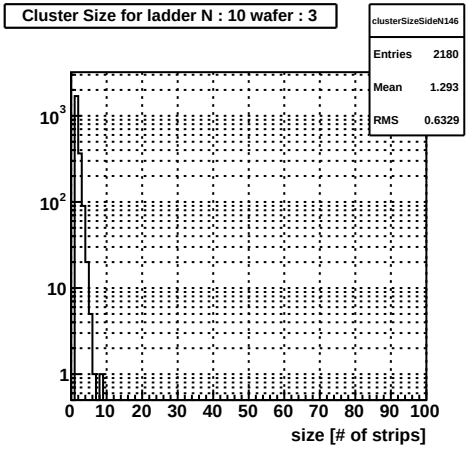

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1455
Mean 1.635
RMS 0.9932
size [# of strips]

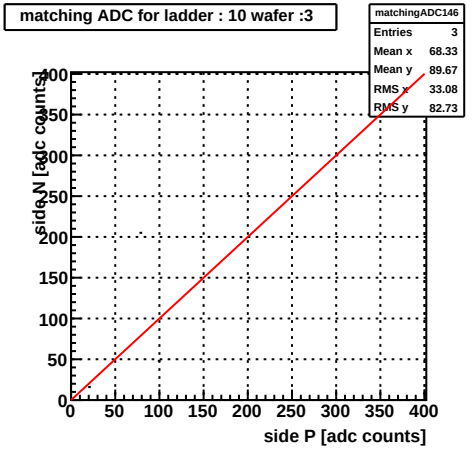

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 535
Mean x 78.69
Mean y 91.89
RMS x 53.81
RMS y 59.64
side N [adc counts]
side P [adc counts]

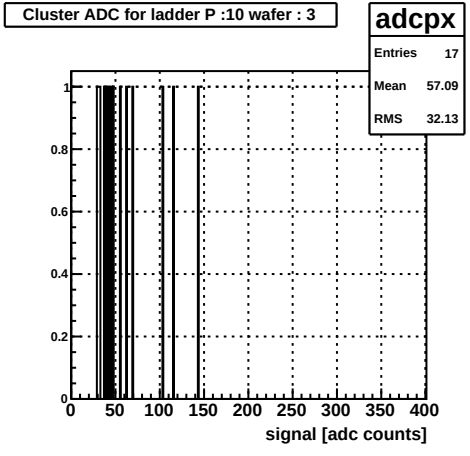

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 678
Mean 115.2
RMS 67.25
signal [adc counts]

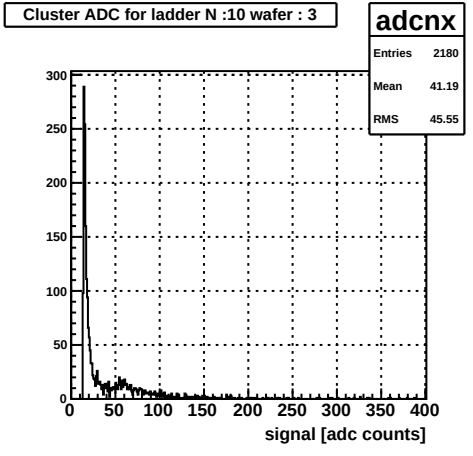

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1455
Mean 64.08
RMS 57.94
signal [adc counts]

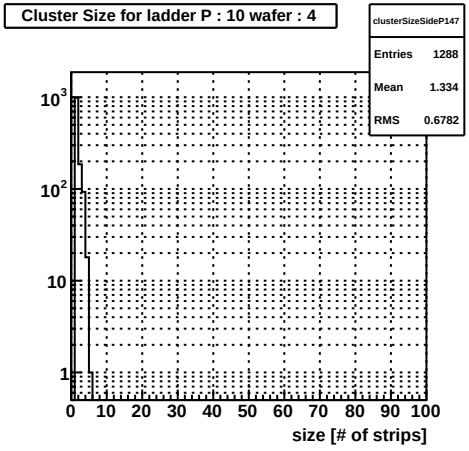

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 17
Mean 1.118
RMS 0.3222
size [# of strips]

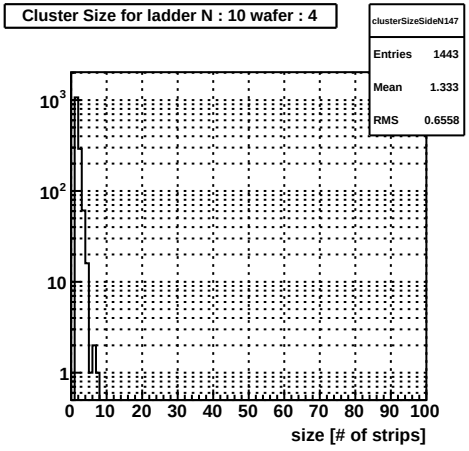

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 2180
Mean 1.293
RMS 0.6329
size [# of strips]

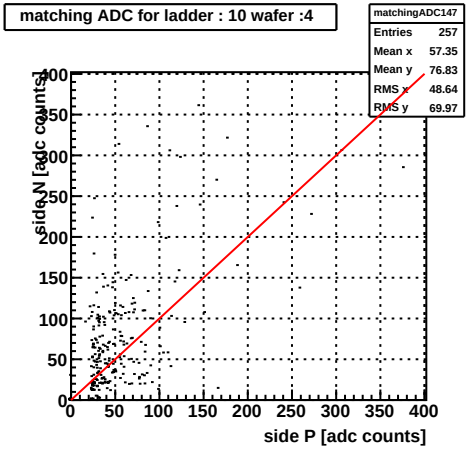

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 68.33
Mean y 89.67
RMS x 33.08
RMS y 82.73
side N [adc counts]
side P [adc counts]

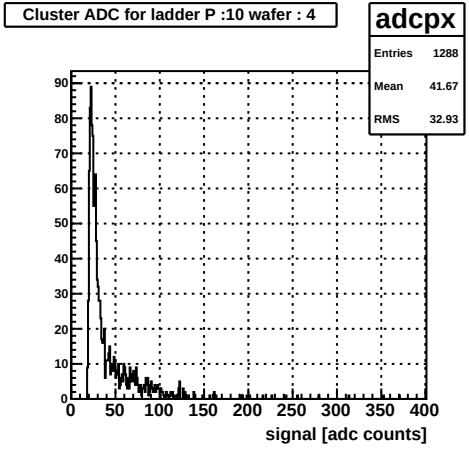

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 17
Mean 57.09
RMS 32.13
signal [adc counts]

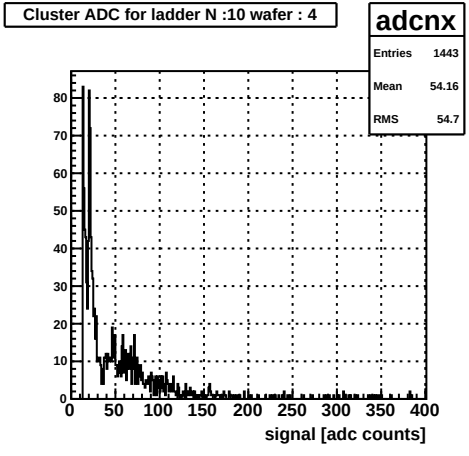

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 2180
Mean 41.19
RMS 45.55
signal [adc counts]

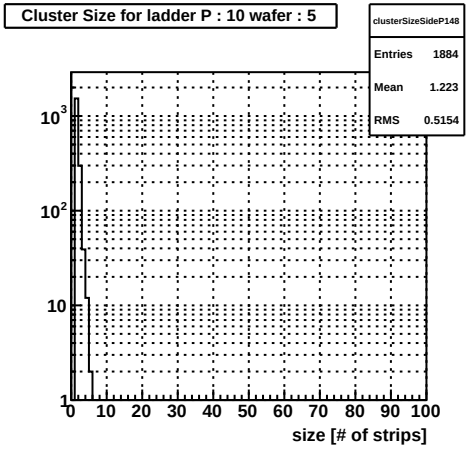

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 1288
Mean 1.334
RMS 0.6782
size [# of strips]

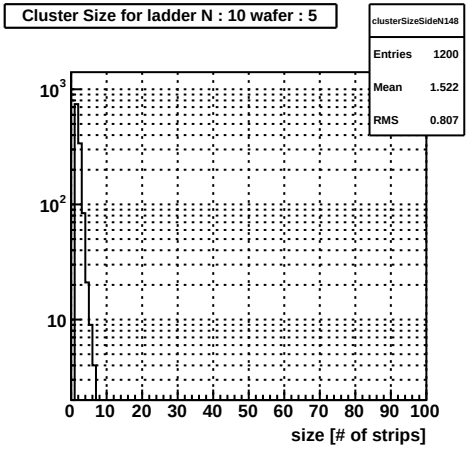

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1443
Mean 1.333
RMS 0.6558
size [# of strips]

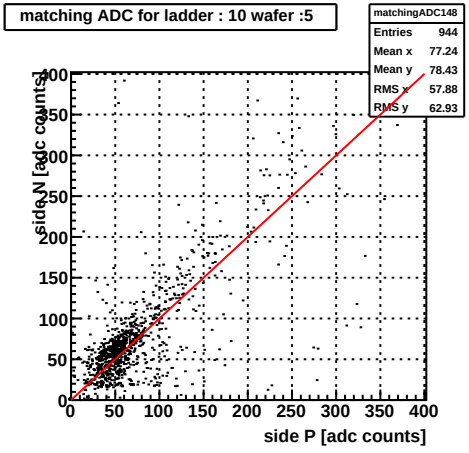

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 257
Mean x 57.35
Mean y 76.83
RMS x 48.64
RMS y 69.97
side N [adc counts]
side P [adc counts]

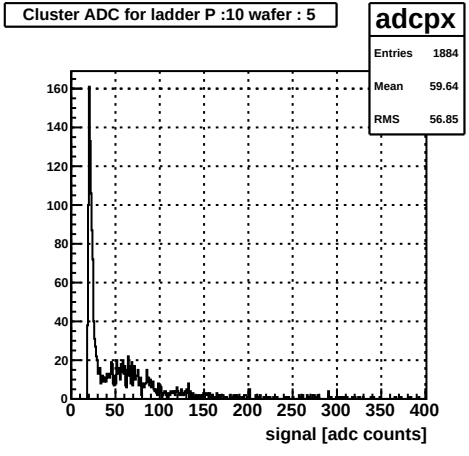

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 1288
Mean 41.67
RMS 32.93
signal [adc counts]

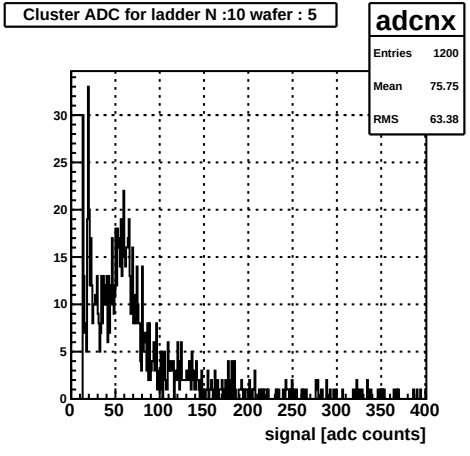

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1443
Mean 54.16
RMS 54.7
signal [adc counts]

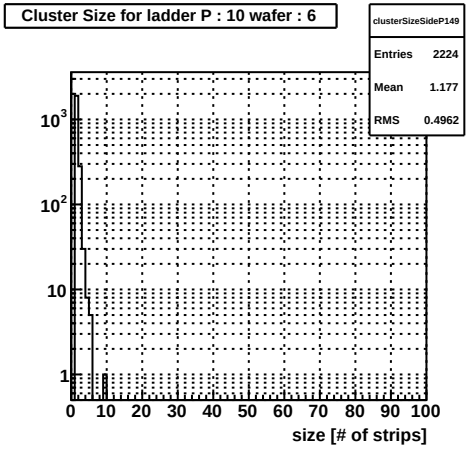

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 1884
Mean 1.223
RMS 0.5154
size [# of strips]

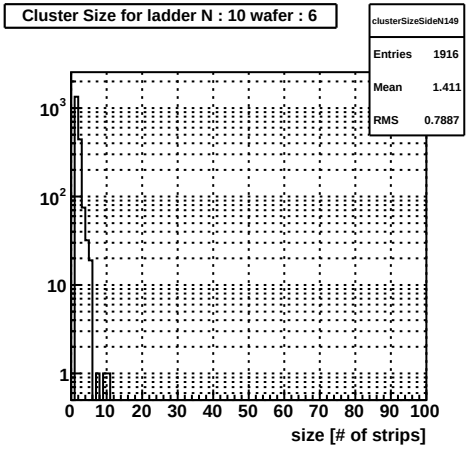

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1200
Mean 1.522
RMS 0.807
size [# of strips]

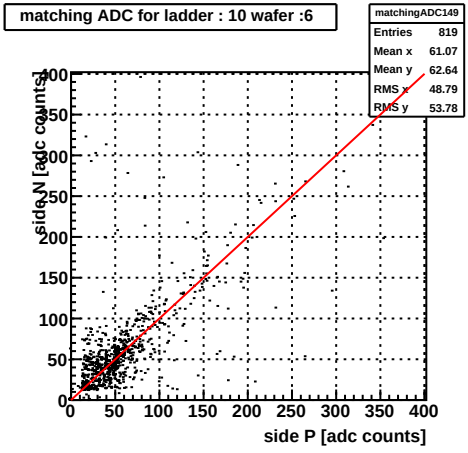

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 944
Mean x 77.24
Mean y 78.43
RMS x 57.88
RMS y 62.93
side N [adc counts]
side P [adc counts]

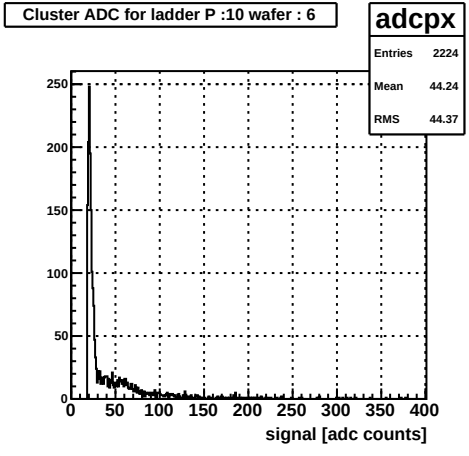

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 1884
Mean 59.64
RMS 56.85
signal [adc counts]

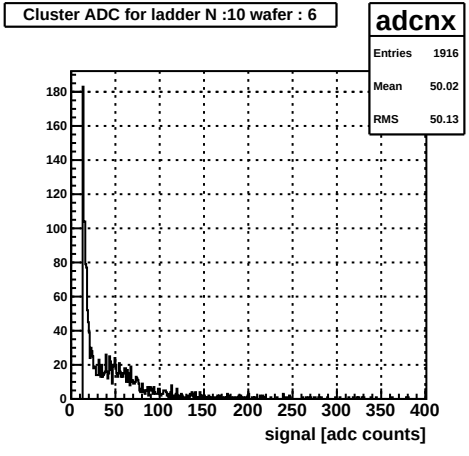

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1200
Mean 75.75
RMS 63.38
signal [adc counts]

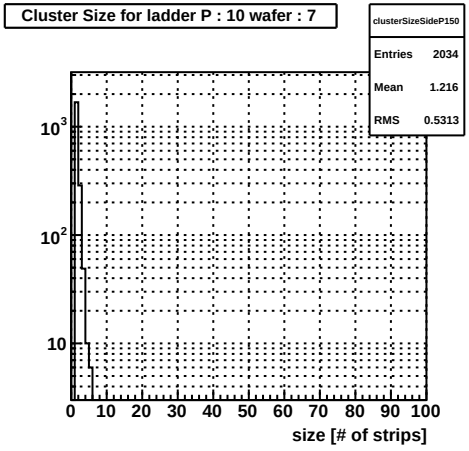

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 2224
Mean 1.177
RMS 0.4962
size [# of strips]

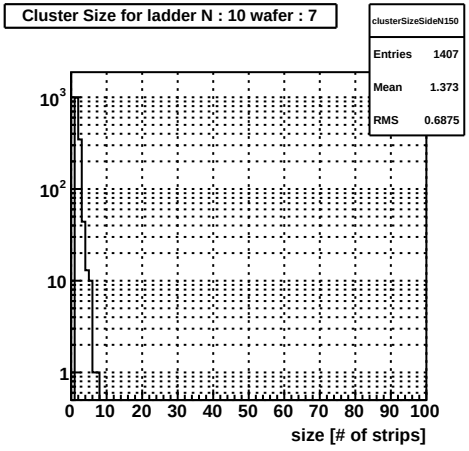

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 1916
Mean 1.411
RMS 0.7887
size [# of strips]

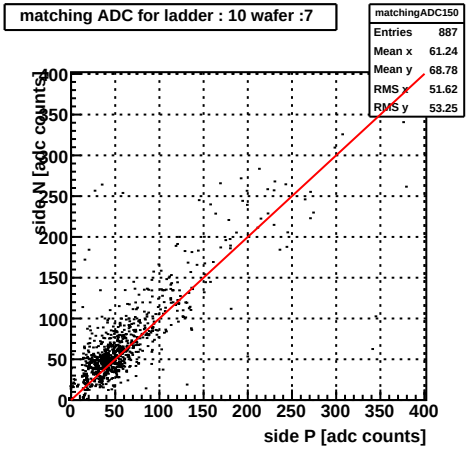

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 819
Mean x 61.07
Mean y 62.64
RMS x 48.79
RMS y 53.78
side N [adc counts]
side P [adc counts]

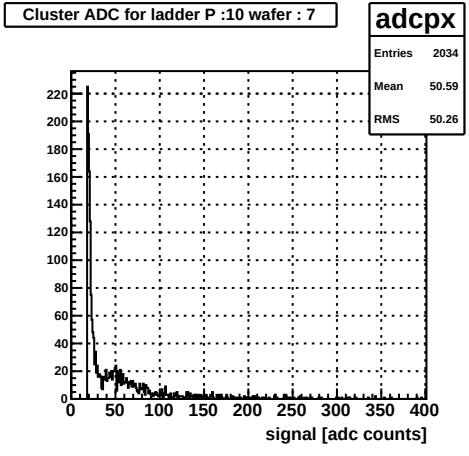

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 2224
Mean 44.24
RMS 44.37
signal [adc counts]

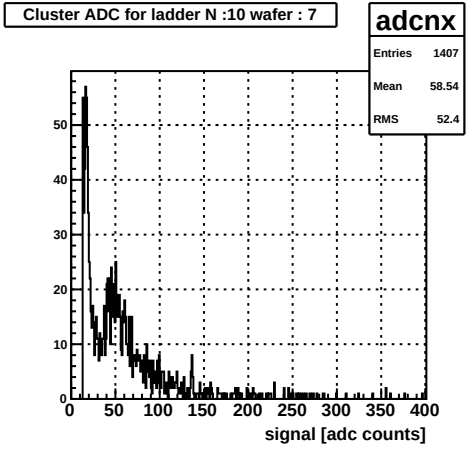

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 1916
Mean 50.02
RMS 50.13
signal [adc counts]

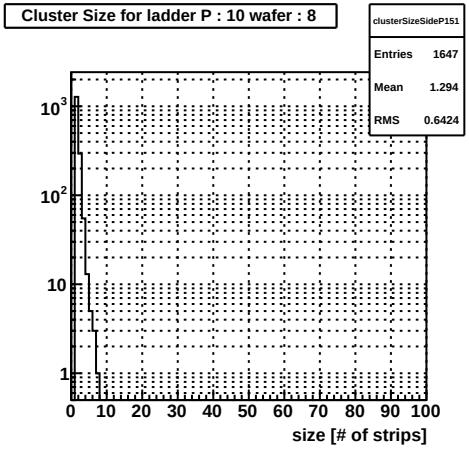

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 2034
Mean 1.216
RMS 0.5313
size [# of strips]

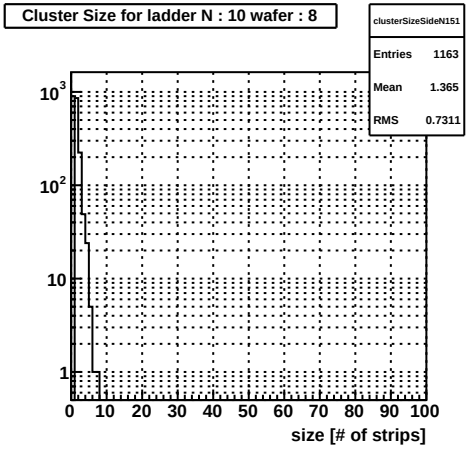

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 1407
Mean 1.373
RMS 0.6875
size [# of strips]

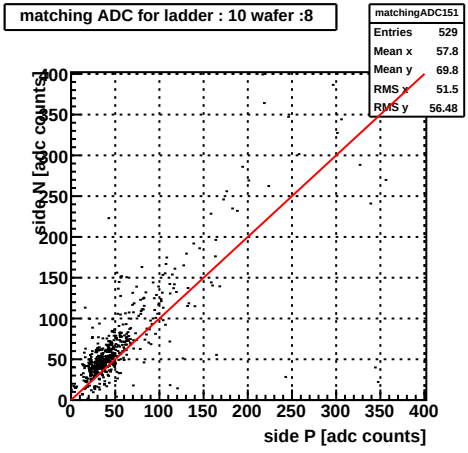

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 887
Mean x 61.24
Mean y 68.78
RMS x 51.62
RMS y 53.25
side N [adc counts]
side P [adc counts]

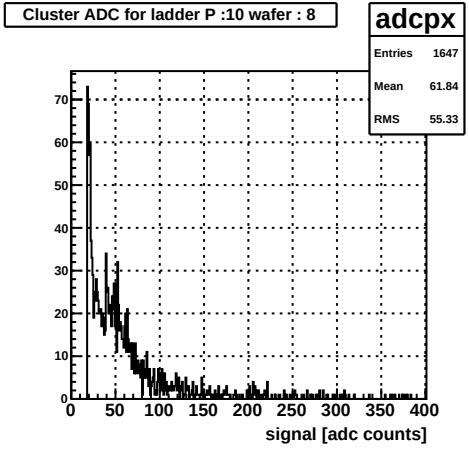

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 2034
Mean 50.59
RMS 50.26
signal [adc counts]

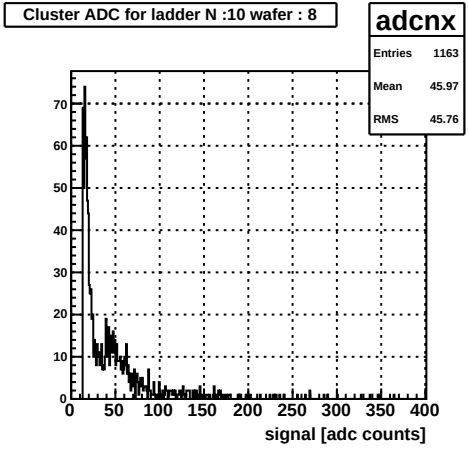

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 1407
Mean 58.54
RMS 52.4
signal [adc counts]

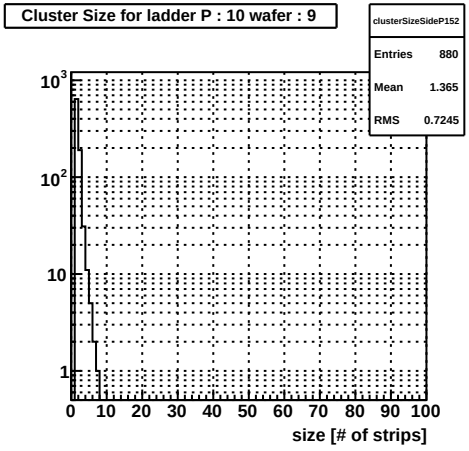

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1647
Mean 1.294
RMS 0.6424
size [# of strips]

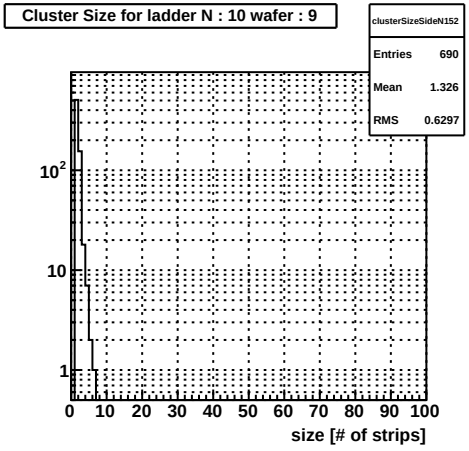

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1163
Mean 1.365
RMS 0.7311
size [# of strips]

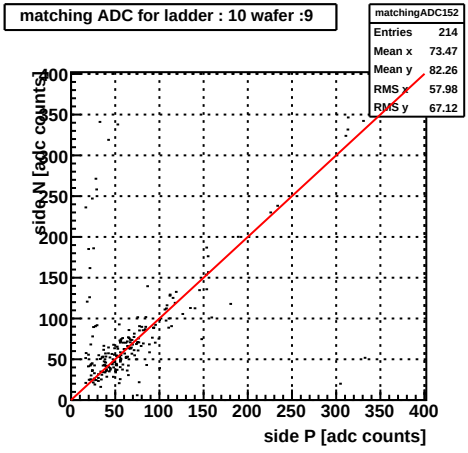

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 529
Mean x 57.8
Mean y 69.8
RMS x 51.5
RMS y 56.48
side N [adc counts]
side P [adc counts]

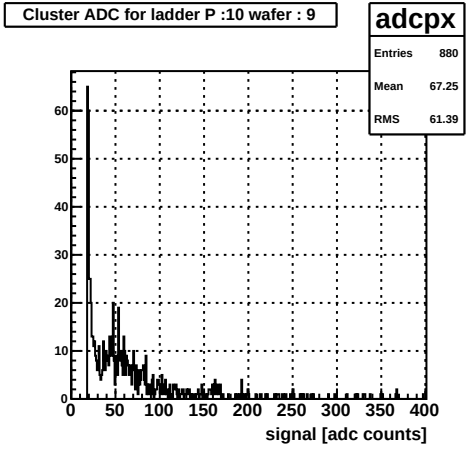

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1647
Mean 61.84
RMS 55.33
signal [adc counts]

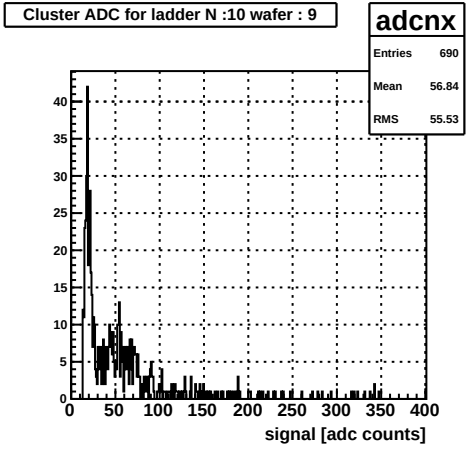

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1163
Mean 45.97
RMS 45.76
signal [adc counts]

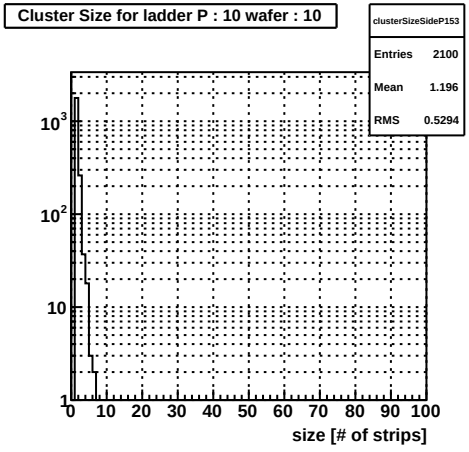

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 880
Mean 1.365
RMS 0.7245
size [# of strips]

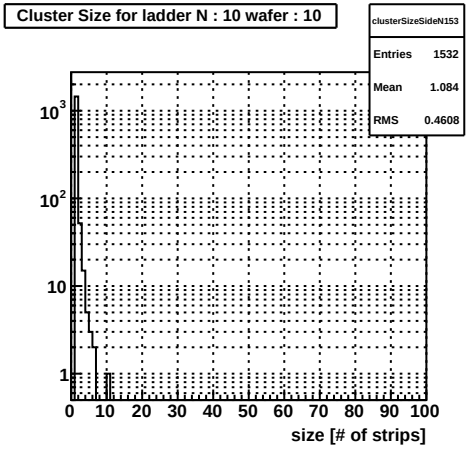

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 690
Mean 1.326
RMS 0.6297
size [# of strips]

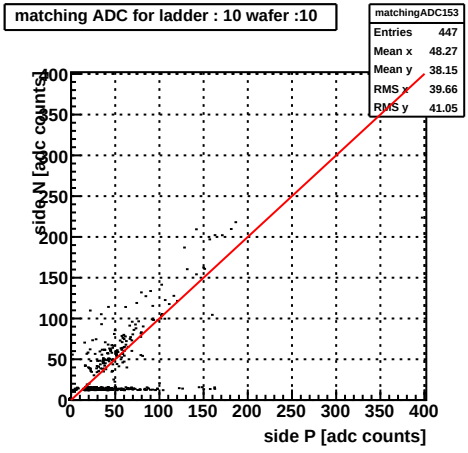

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 214
Mean x 73.47
Mean y 82.26
RMS x 57.98
RMS y 67.12
side N [adc counts]
side P [adc counts]

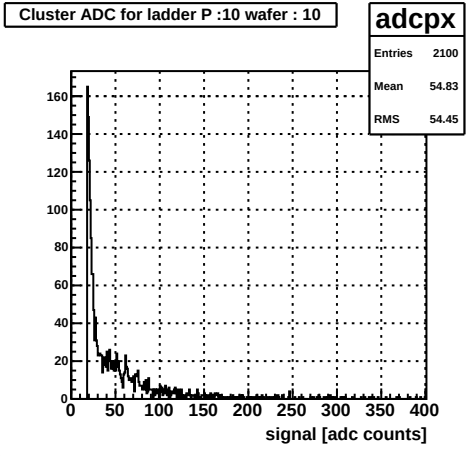

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 880
Mean 67.25
RMS 61.39
signal [adc counts]

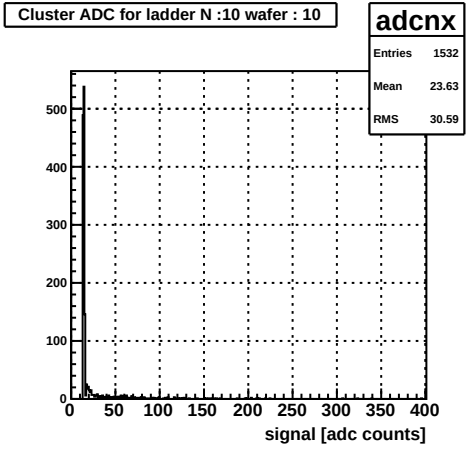

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 690
Mean 56.84
RMS 55.53
signal [adc counts]

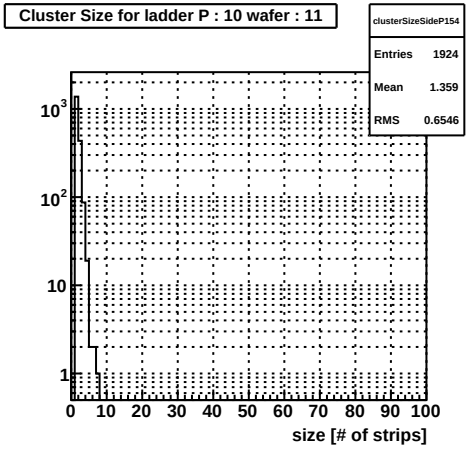

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 2100
Mean 1.196
RMS 0.5294
size [# of strips]

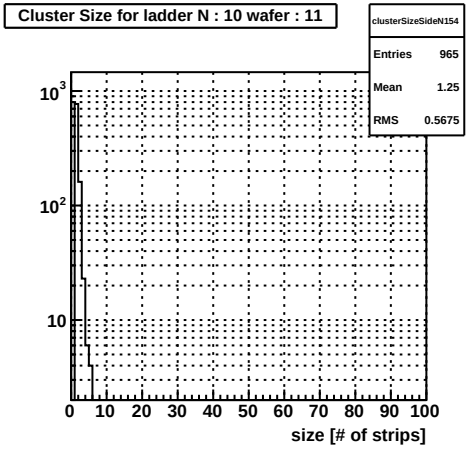

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1532
Mean 1.084
RMS 0.4608
size [# of strips]

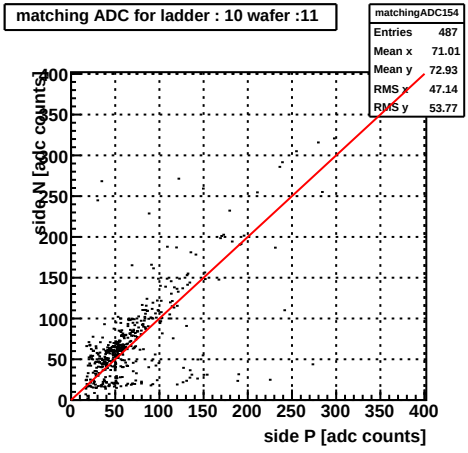

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 447
Mean x 48.27
Mean y 38.15
RMS x 39.66
RMS y 41.05
side N [adc counts]
side P [adc counts]

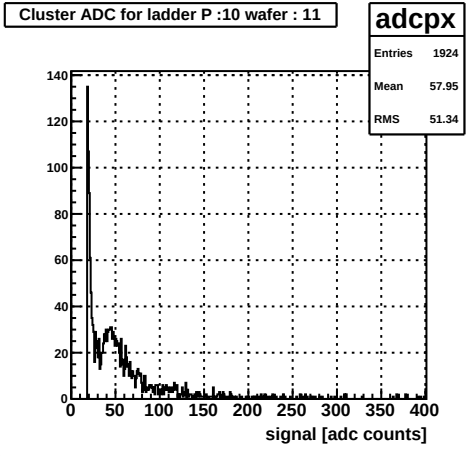

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 2100
Mean 54.83
RMS 54.45
signal [adc counts]

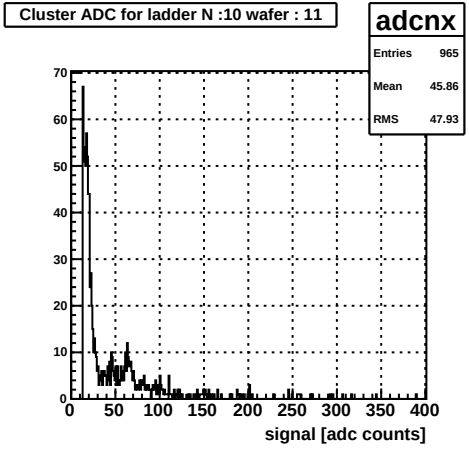

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1532
Mean 23.63
RMS 30.59
signal [adc counts]

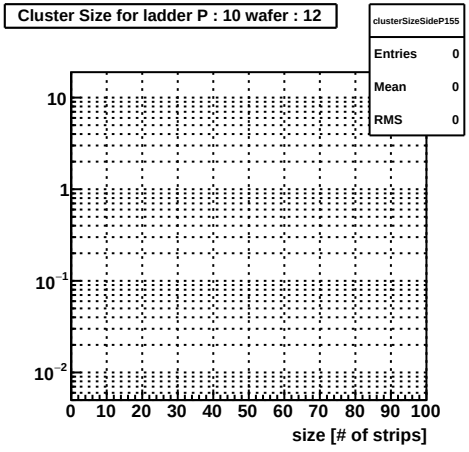

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 1924
Mean 1.359
RMS 0.6546
size [# of strips]

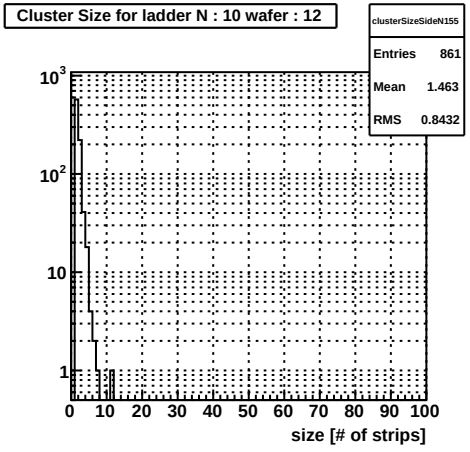

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 965
Mean 1.25
RMS 0.5675
size [# of strips]

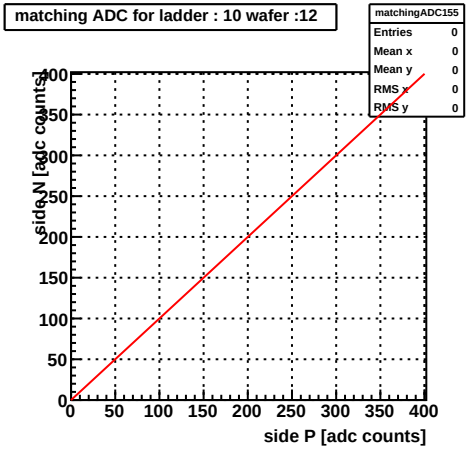

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 487
Mean x 71.01
Mean y 72.93
RMS x 47.14
RMS y 53.77
side N [adc counts]
side P [adc counts]

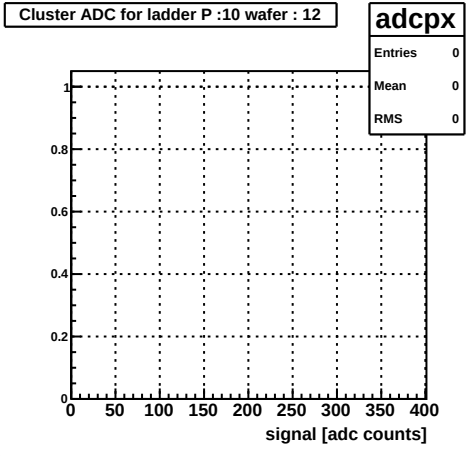

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 1924
Mean 57.95
RMS 51.34
signal [adc counts]

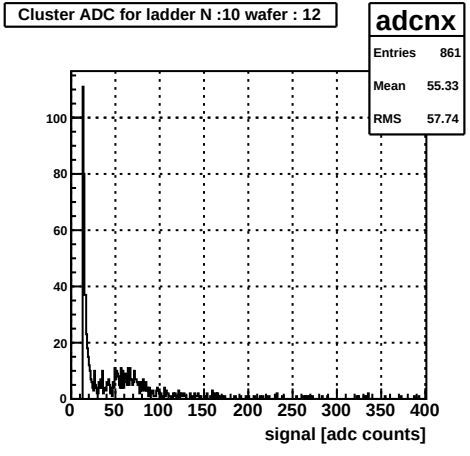

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 965
Mean 45.86
RMS 47.93
signal [adc counts]

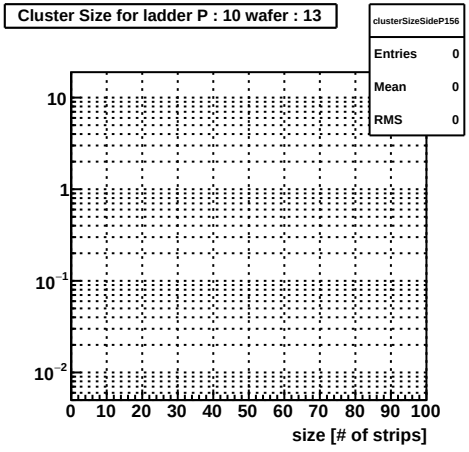

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

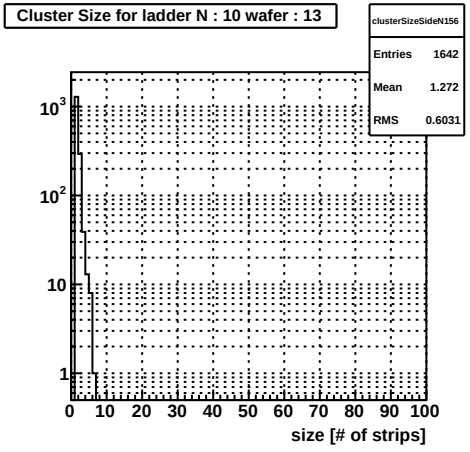

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 861
Mean 1.463
RMS 0.8432
size [# of strips]

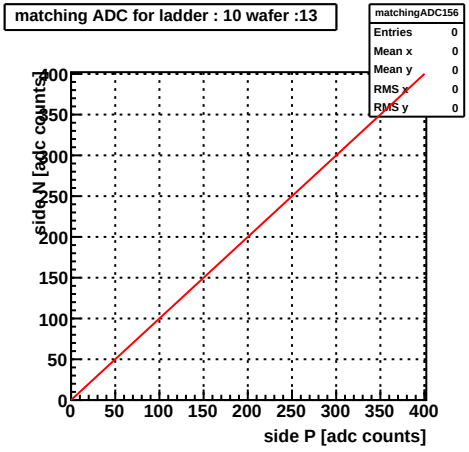

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

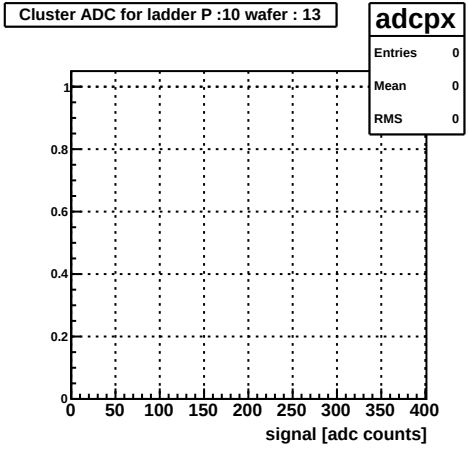

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

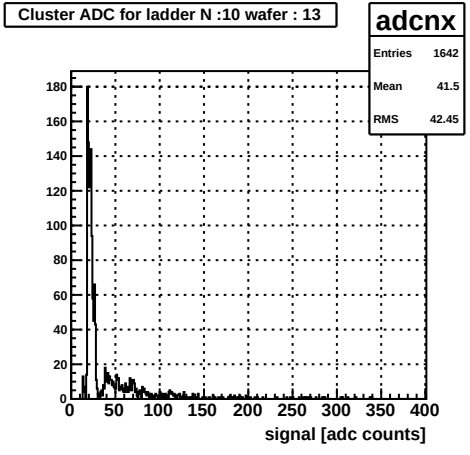

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 861
Mean 55.33
RMS 57.74
signal [adc counts]

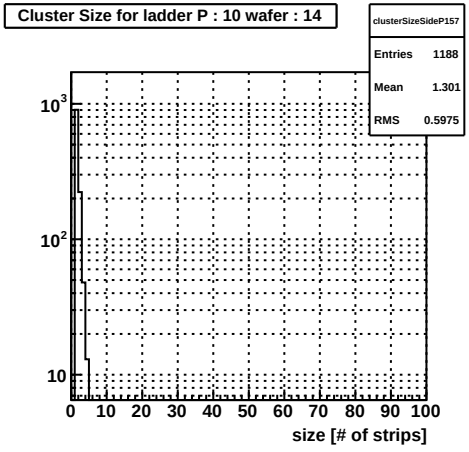

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

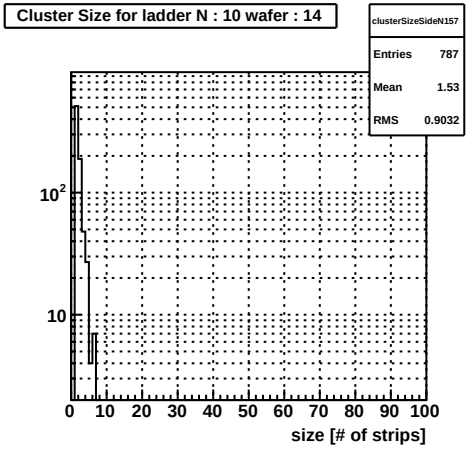

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1642
Mean 1.272
RMS 0.6031
size [# of strips]

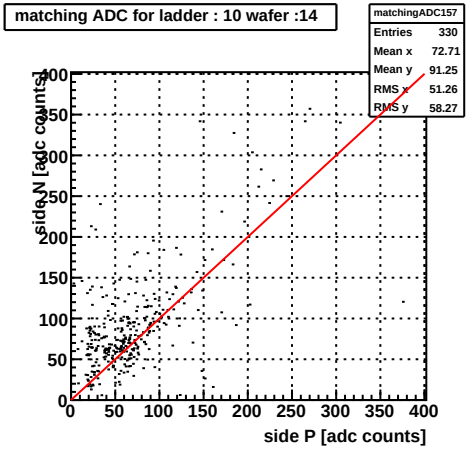

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

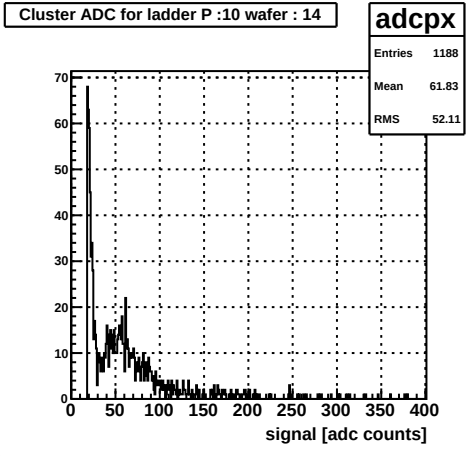

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

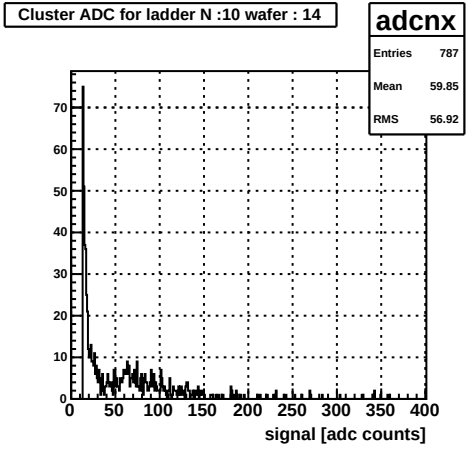

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1642
Mean 41.5
RMS 42.45
signal [adc counts]

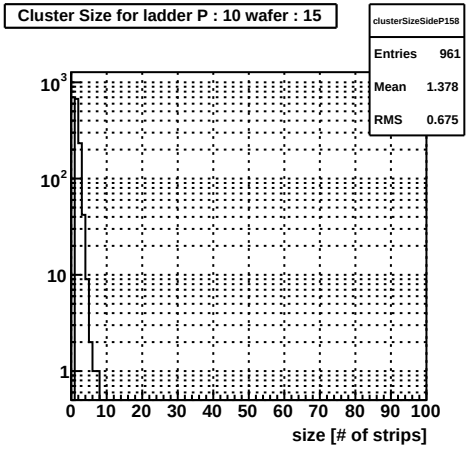

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1188
Mean 1.301
RMS 0.5975
size [# of strips]

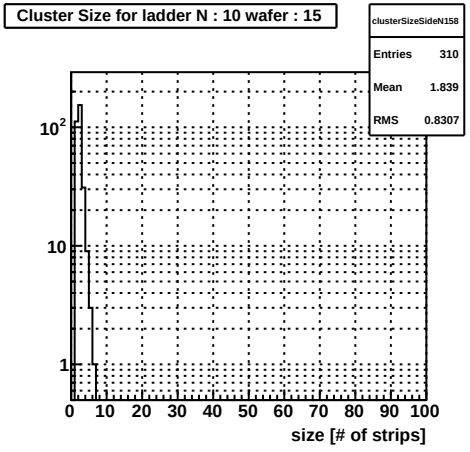

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 787
Mean 1.53
RMS 0.9032
size [# of strips]

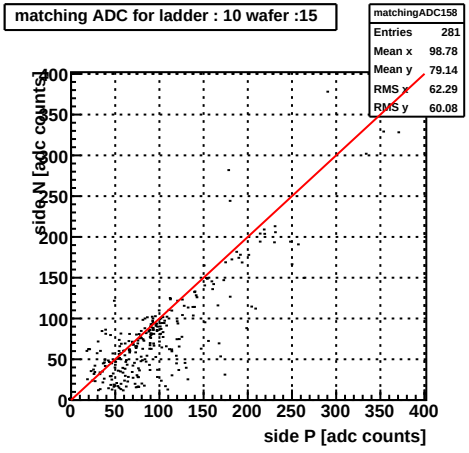

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 330
Mean x 72.71
Mean y 91.25
RMS x 51.26
RMS y 58.27
side N [adc counts]
side P [adc counts]

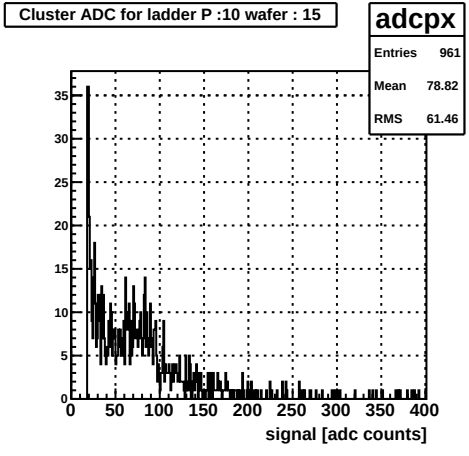

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1188
Mean 61.83
RMS 52.11
signal [adc counts]

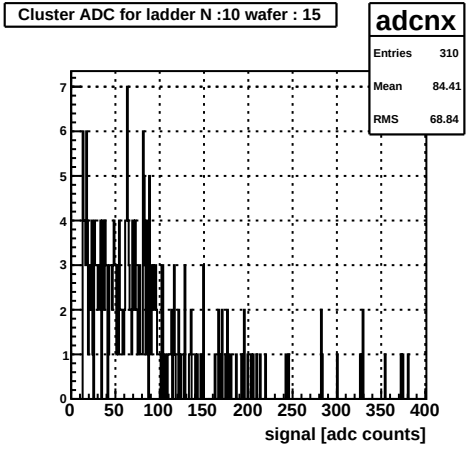

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 787
Mean 59.85
RMS 56.92
signal [adc counts]

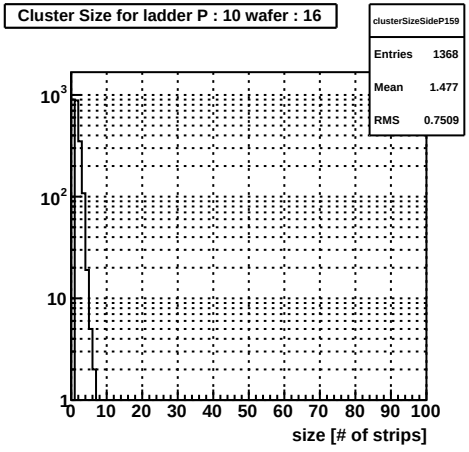

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 961
Mean 1.378
RMS 0.675
size [# of strips]

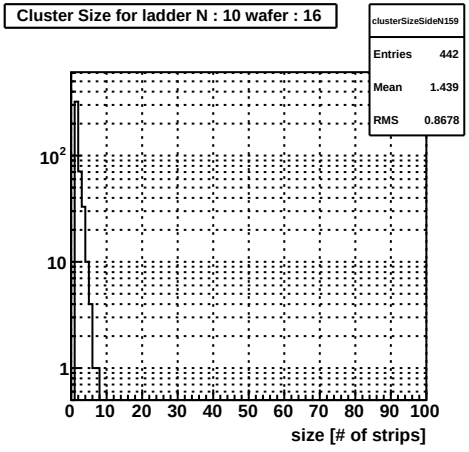

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 310
Mean 1.839
RMS 0.8307
size [# of strips]

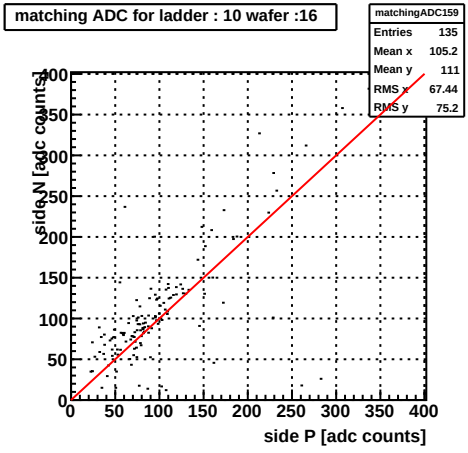

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 281
Mean x 98.78
Mean y 79.14
RMS x 62.29
RMS y 60.08
side N [adc counts]
side P [adc counts]

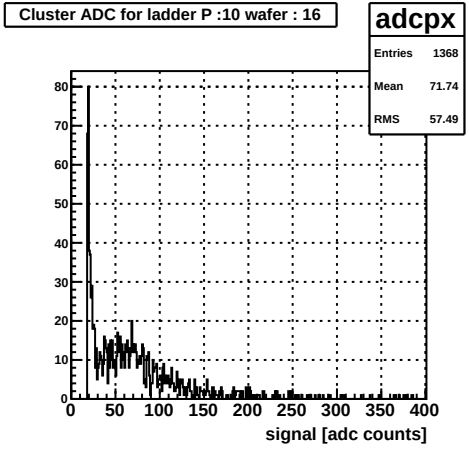

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 961
Mean 78.82
RMS 61.46
signal [adc counts]

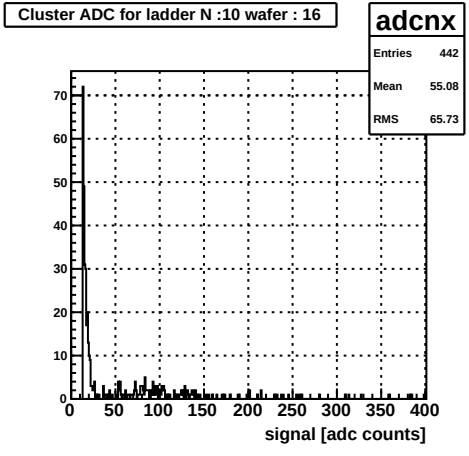

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 310
Mean 84.41
RMS 68.84
signal [adc counts]

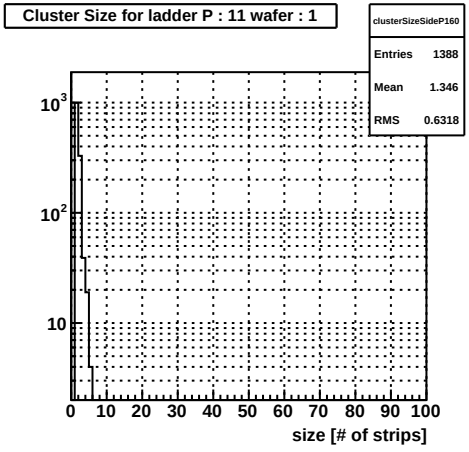

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1368
Mean 1.477
RMS 0.7509
size [# of strips]

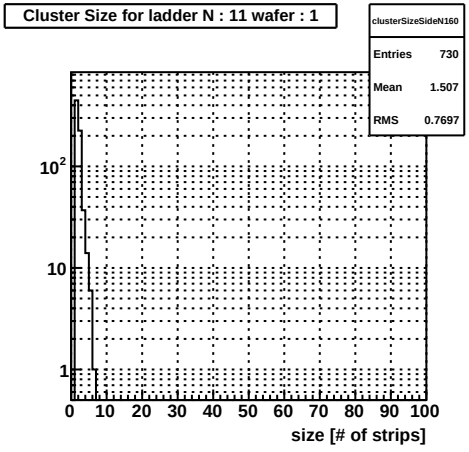

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 442
Mean 1.439
RMS 0.8678
size [# of strips]

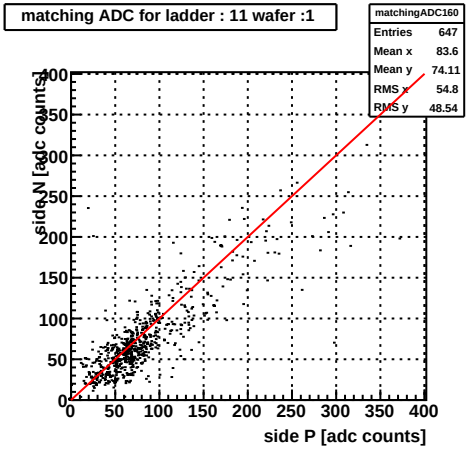

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 135
Mean x 105.2
Mean y 111
RMS x 67.44
RMS y 75.2
side N [adc counts]
side P [adc counts]

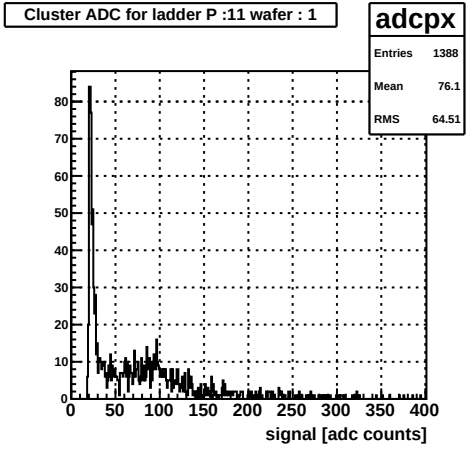

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1368
Mean 71.74
RMS 57.49
signal [adc counts]

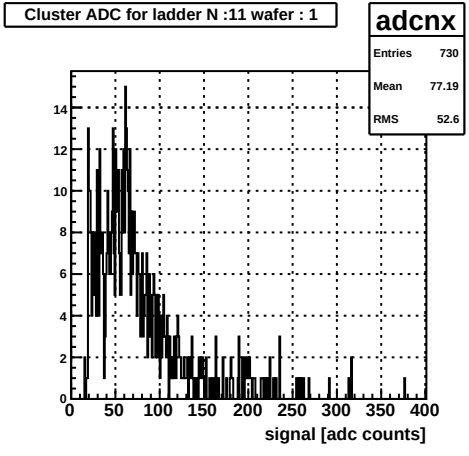

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 442
Mean 55.08
RMS 65.73
signal [adc counts]

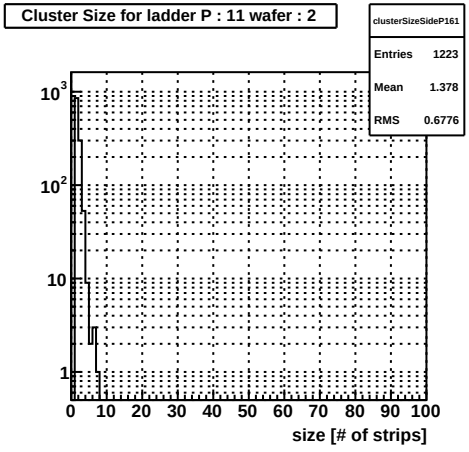

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1388
Mean 1.346
RMS 0.6318
size [# of strips]

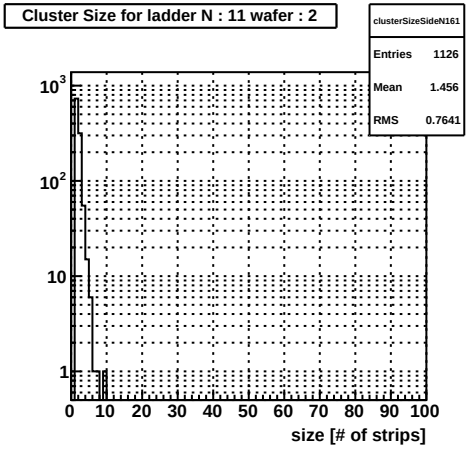

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 730
Mean 1.507
RMS 0.7697
size [# of strips]

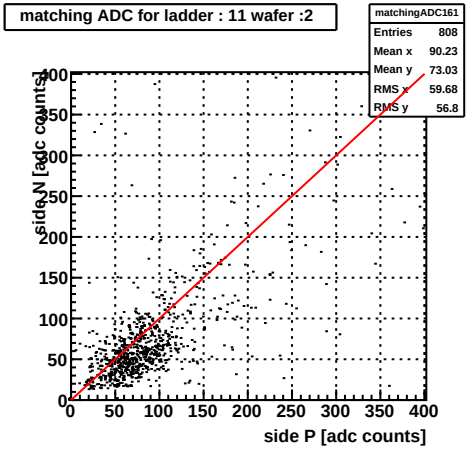

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 647
Mean x 83.6
Mean y 74.11
RMS x 54.8
RMS y 48.54
side N [adc counts]
side P [adc counts]

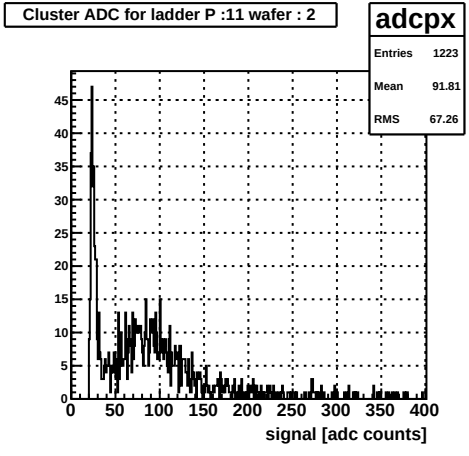

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1388
Mean 76.1
RMS 64.51
signal [adc counts]

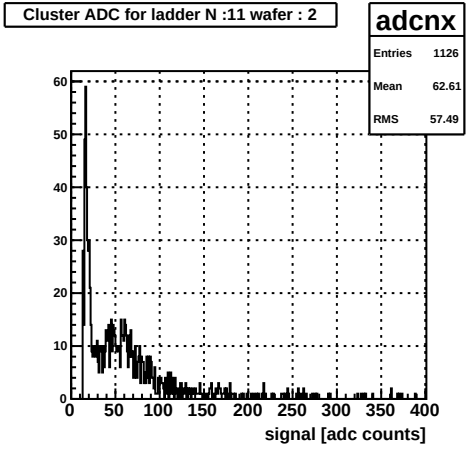

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 730
Mean 77.19
RMS 52.6
signal [adc counts]

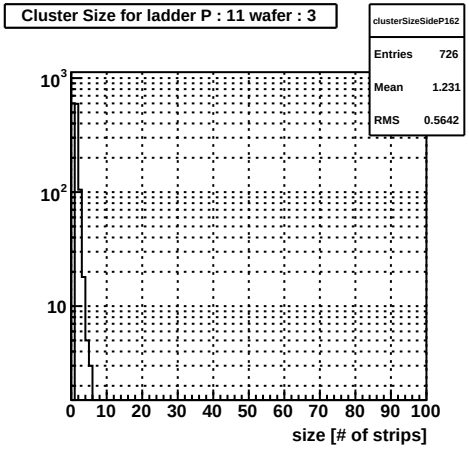

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1223
Mean 1.378
RMS 0.6776
size [# of strips]

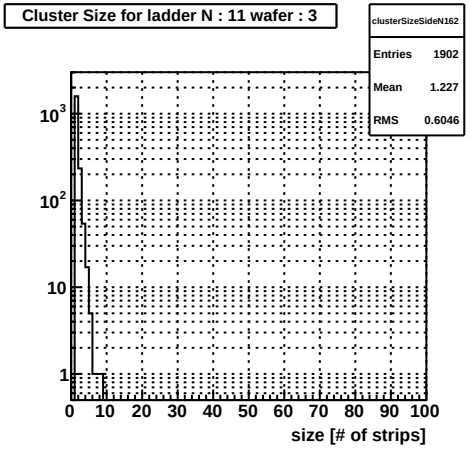

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1126
Mean 1.456
RMS 0.7641
size [# of strips]

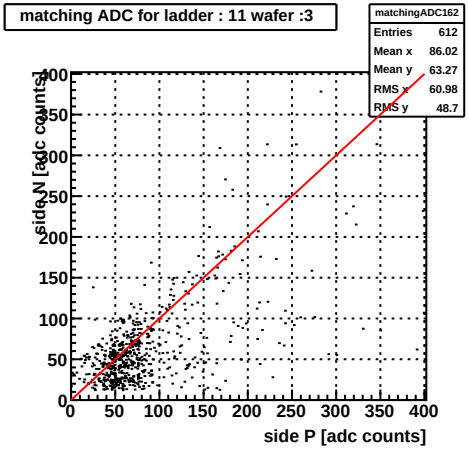

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 808
Mean x 90.23
Mean y 73.03
RMS x 59.68
RMS y 56.8
side N [adc counts]
side P [adc counts]

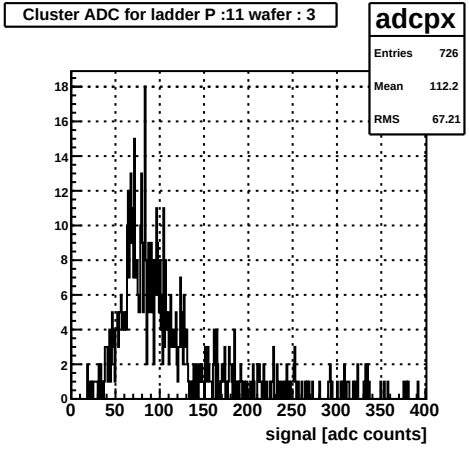

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1223
Mean 91.81
RMS 67.26
signal [adc counts]

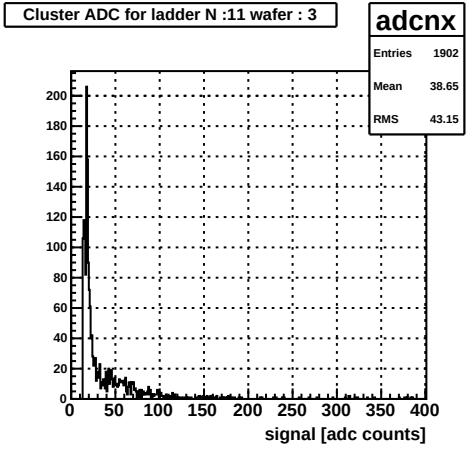

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1126
Mean 62.61
RMS 57.49
signal [adc counts]

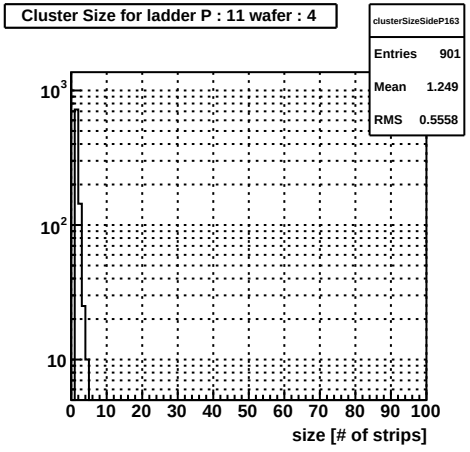

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 726
Mean 1.231
RMS 0.5642
size [# of strips]

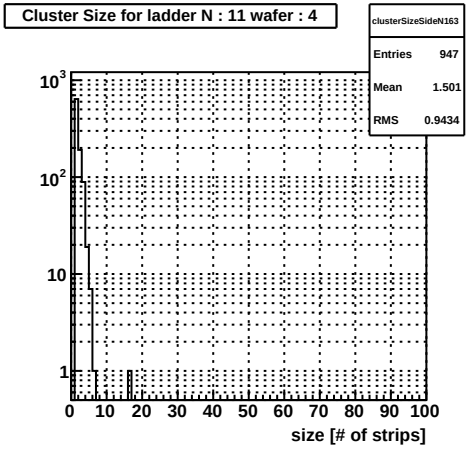

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1902
Mean 1.227
RMS 0.6046
size [# of strips]

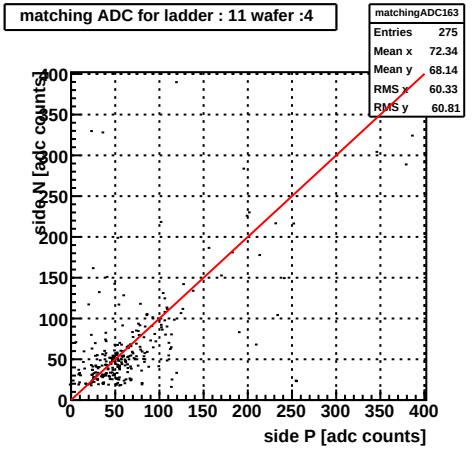

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 612
Mean x 86.02
Mean y 63.27
RMS x 60.98
RMS y 48.7
side N [adc counts]
side P [adc counts]

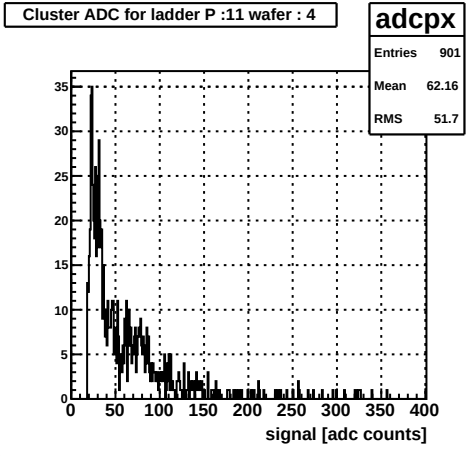

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 726
Mean 112.2
RMS 67.21
signal [adc counts]

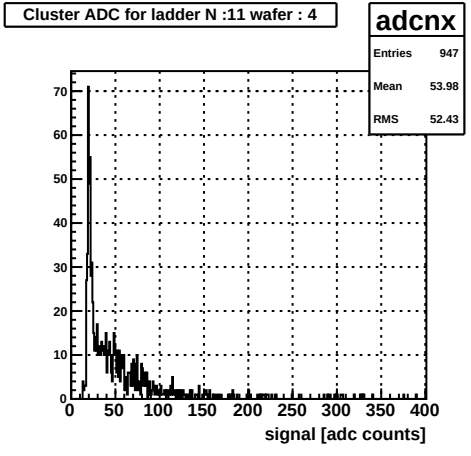

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1902
Mean 38.65
RMS 43.15
signal [adc counts]

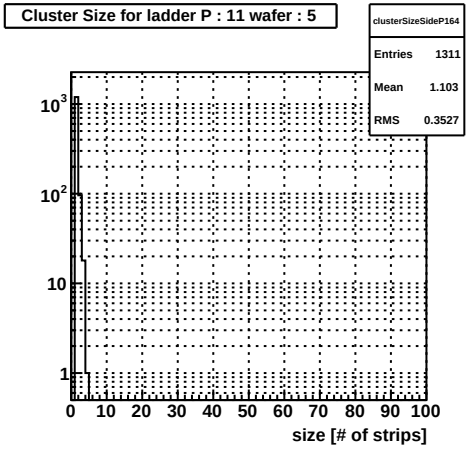

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 901
Mean 1.249
RMS 0.5558
size [# of strips]

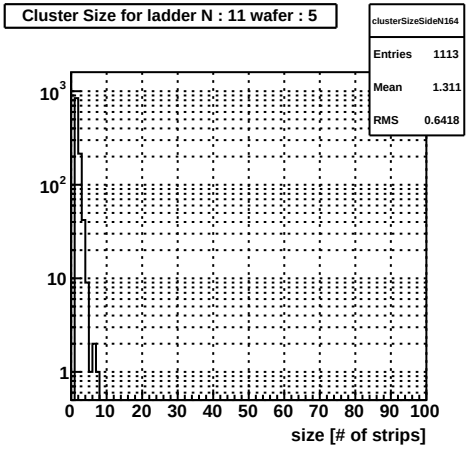

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 947
Mean 1.501
RMS 0.9434
size [# of strips]

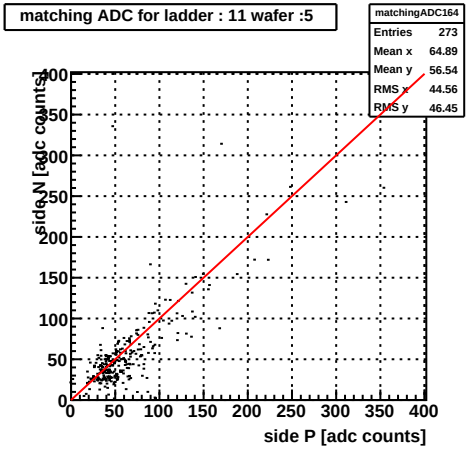

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 275
Mean x 72.34
Mean y 68.14
RMS x 60.33
RMS y 60.81
side N [adc counts]
side P [adc counts]

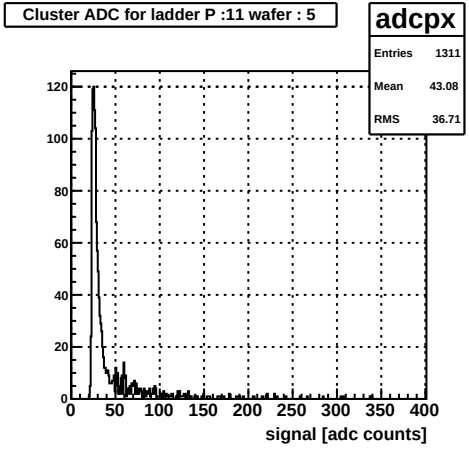

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 901
Mean 62.16
RMS 51.7
signal [adc counts]

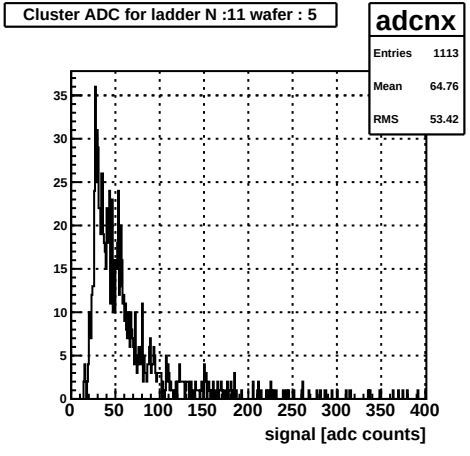

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 947
Mean 53.98
RMS 52.43
signal [adc counts]

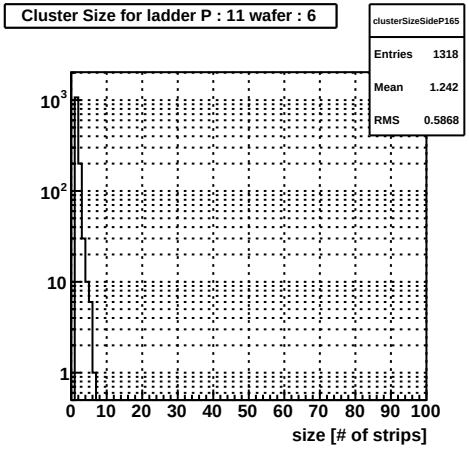

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 1311
Mean 1.103
RMS 0.3527
size [# of strips]

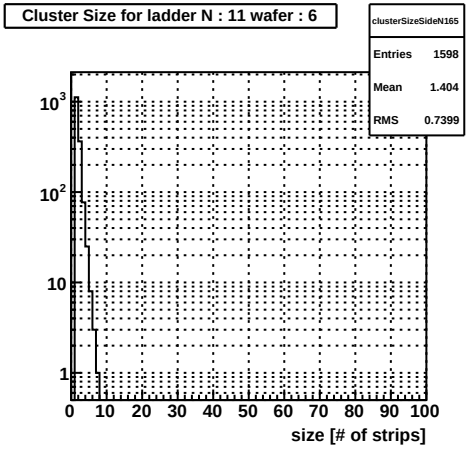

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1113
Mean 1.311
RMS 0.6418
size [# of strips]

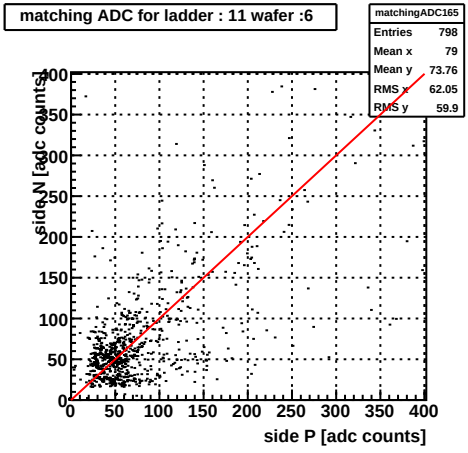

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 273
Mean x 64.89
Mean y 56.54
RMS x 44.56
RMS y 46.45
side N [adc counts]
side P [adc counts]

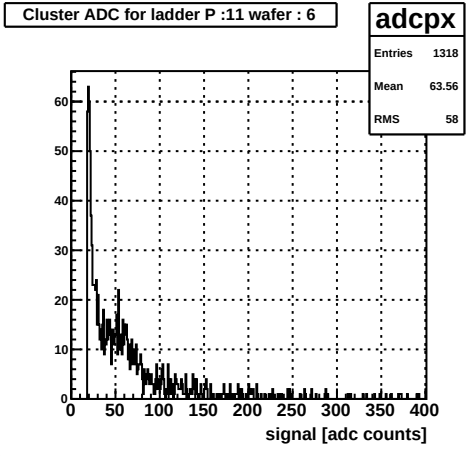

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 1311
Mean 43.08
RMS 36.71
signal [adc counts]

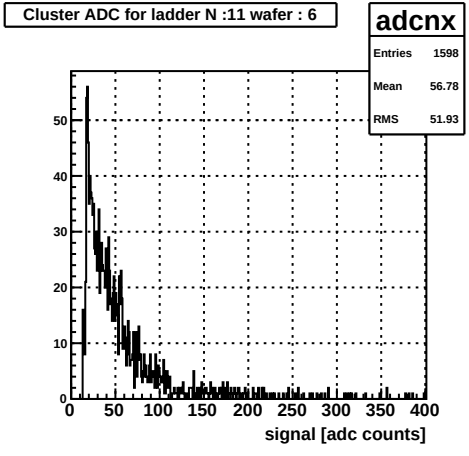

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1113
Mean 64.76
RMS 53.42
signal [adc counts]

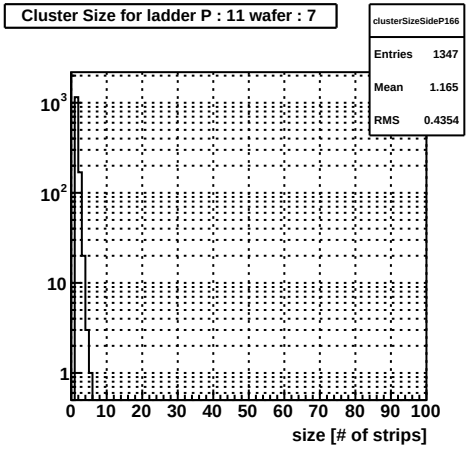

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1318
Mean 1.242
RMS 0.5868
size [# of strips]

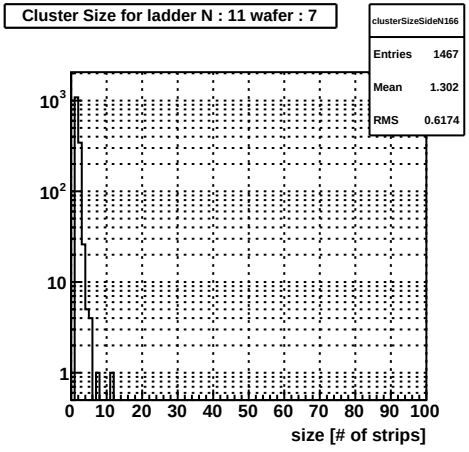

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1598
Mean 1.404
RMS 0.7399
size [# of strips]

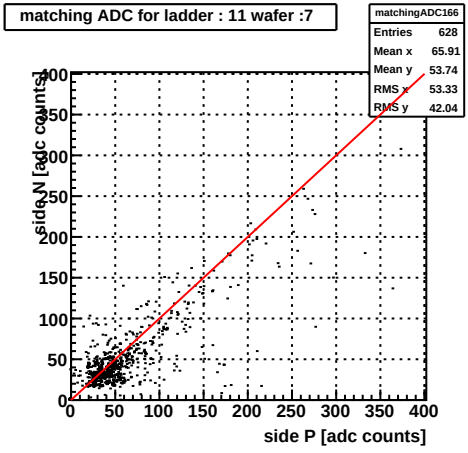

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 798
Mean x 79
Mean y 73.76
RMS x 62.05
RMS y 59.9
side N [adc counts]
side P [adc counts]

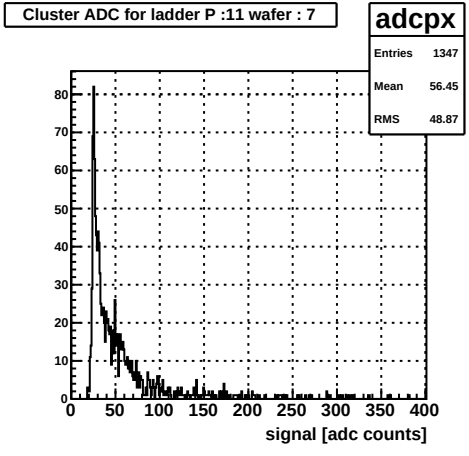

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1318
Mean 63.56
RMS 58
signal [adc counts]

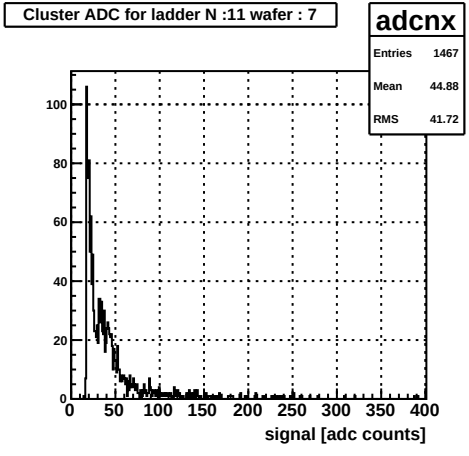

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1598
Mean 56.78
RMS 51.93
signal [adc counts]

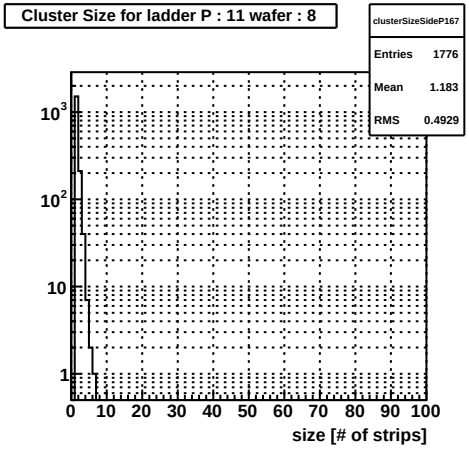

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 1347
Mean 1.165
RMS 0.4354
size [# of strips]

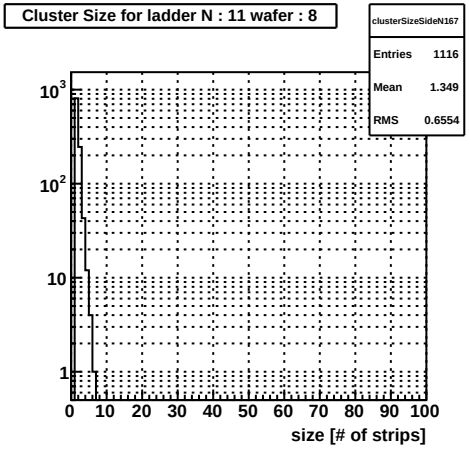

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1467
Mean 1.302
RMS 0.6174
size [# of strips]

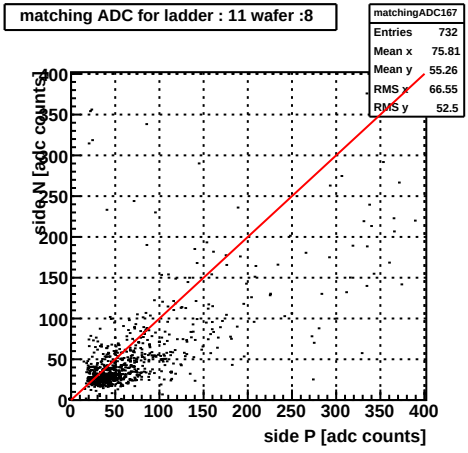

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 628
Mean x 65.91
Mean y 53.74
RMS x 53.33
RMS y 42.04
side N [adc counts]
side P [adc counts]

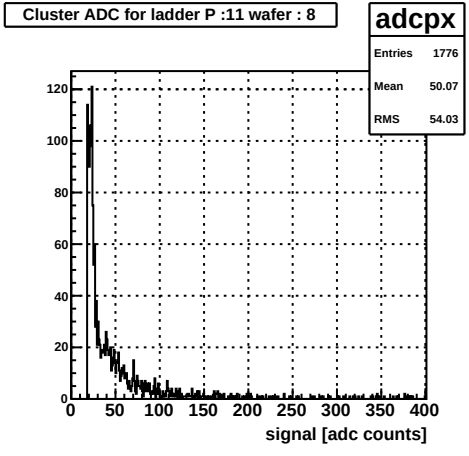

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 1347
Mean 56.45
RMS 48.87
signal [adc counts]

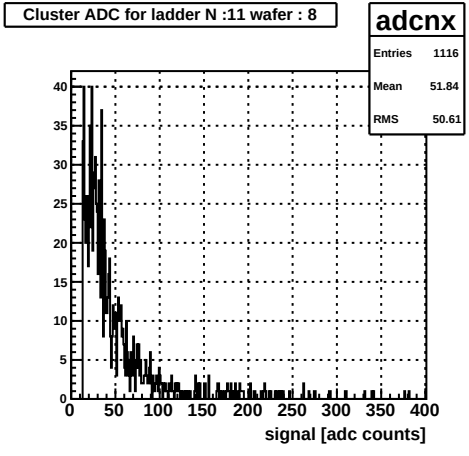

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1467
Mean 44.88
RMS 41.72
signal [adc counts]

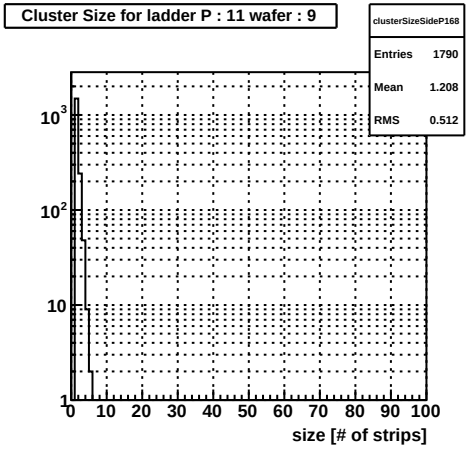

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 1776
Mean 1.183
RMS 0.4929
size [# of strips]

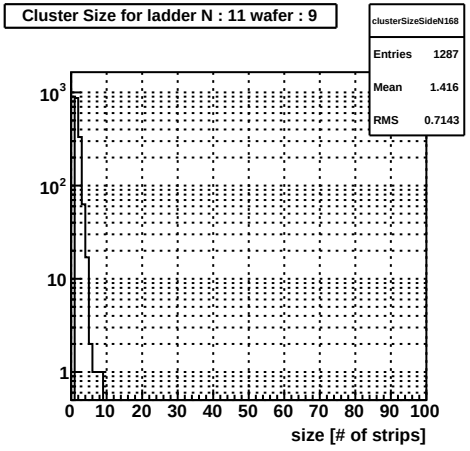

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1116
Mean 1.349
RMS 0.6554
size [# of strips]

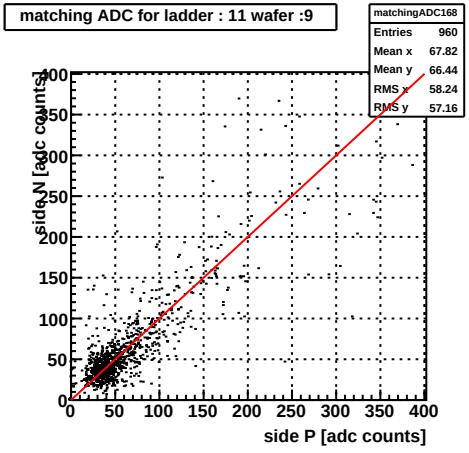

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 732
Mean x 75.81
Mean y 55.26
RMS x 66.55
RMS y 52.5
side N [adc counts]
side P [adc counts]

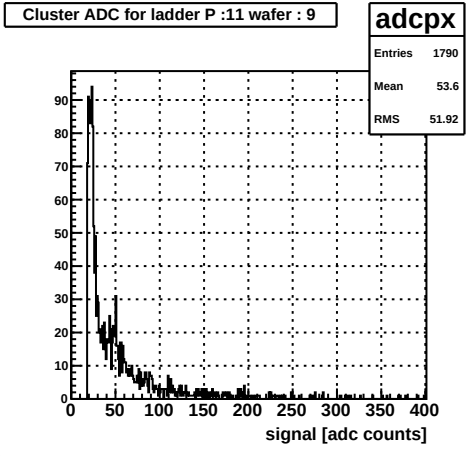

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 1776
Mean 50.07
RMS 54.03
signal [adc counts]

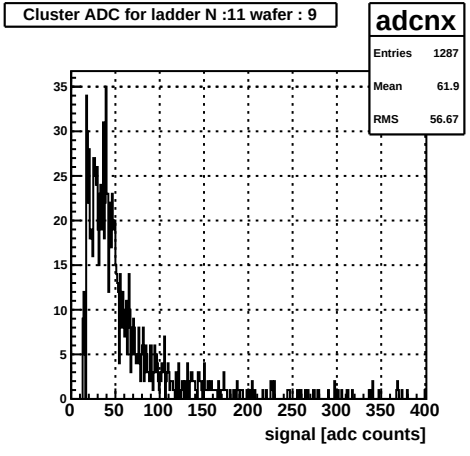

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1116
Mean 51.84
RMS 50.61
signal [adc counts]

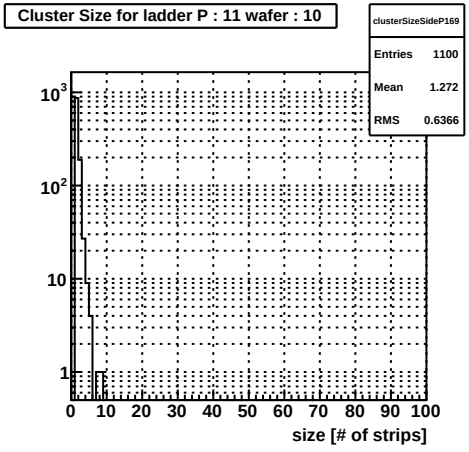

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 1790
Mean 1.208
RMS 0.512
size [# of strips]

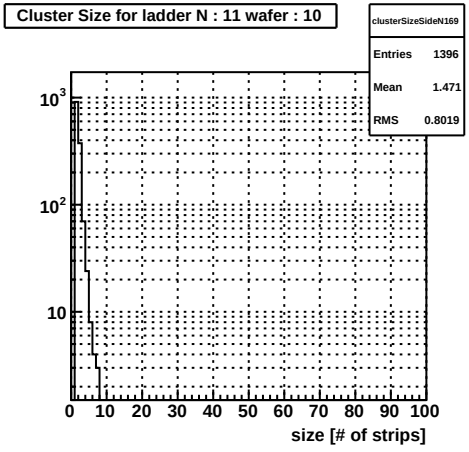

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1287
Mean 1.416
RMS 0.7143
size [# of strips]

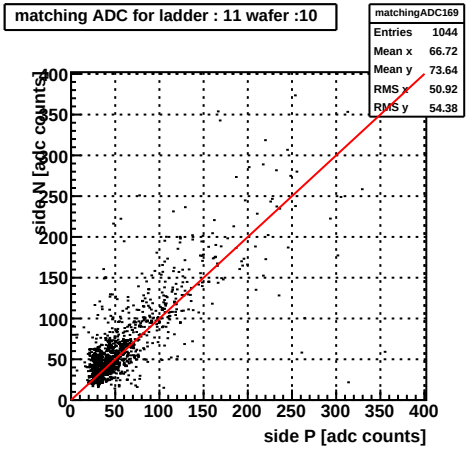

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 960
Mean x 67.82
Mean y 66.44
RMS x 58.24
RMS y 57.16
side N [adc counts]
side P [adc counts]

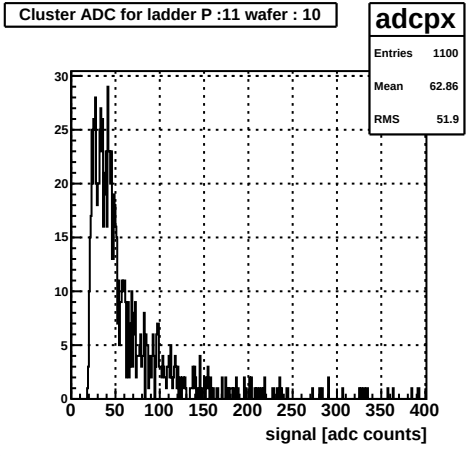

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 1790
Mean 53.6
RMS 51.92
signal [adc counts]

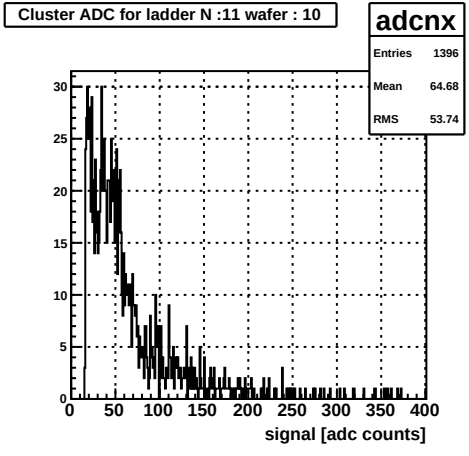

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1287
Mean 61.9
RMS 56.67
signal [adc counts]

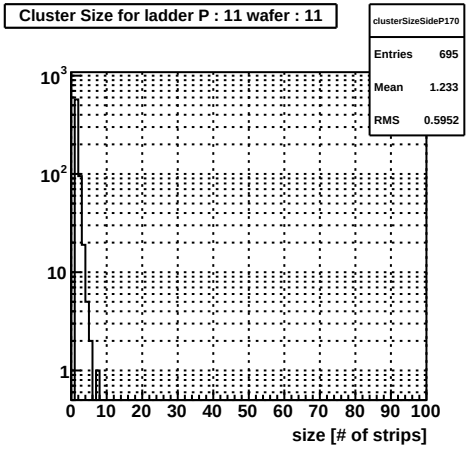

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1100
Mean 1.272
RMS 0.6366
size [# of strips]

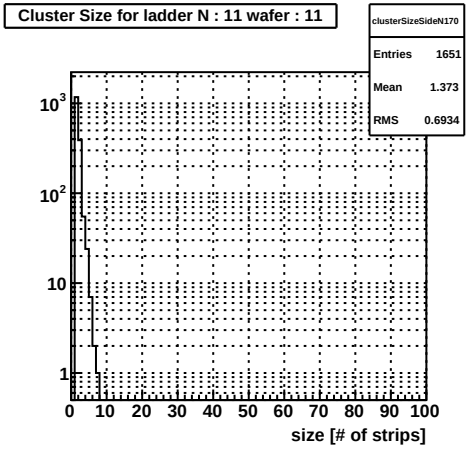

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1396
Mean 1.471
RMS 0.8019
size [# of strips]

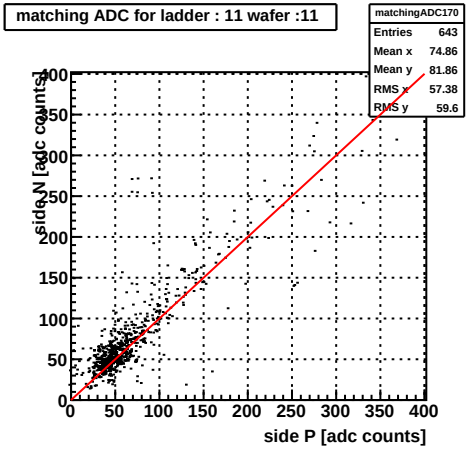

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1044
Mean x 66.72
Mean y 73.64
RMS x 50.92
RMS y 54.38
side N [adc counts]
side P [adc counts]

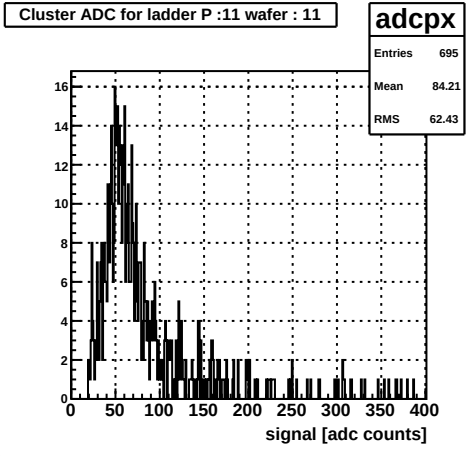

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1100
Mean 62.86
RMS 51.9
signal [adc counts]

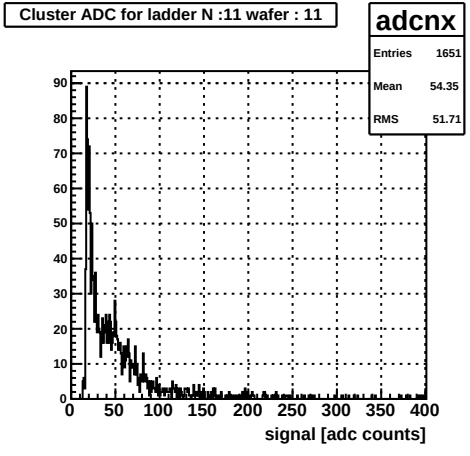

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1396
Mean 64.68
RMS 53.74
signal [adc counts]

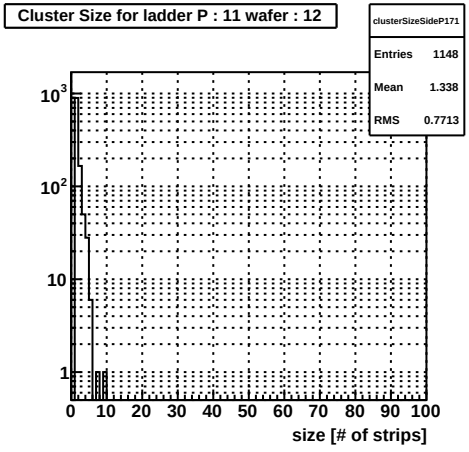

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 695
Mean 1.233
RMS 0.5952
size [# of strips]

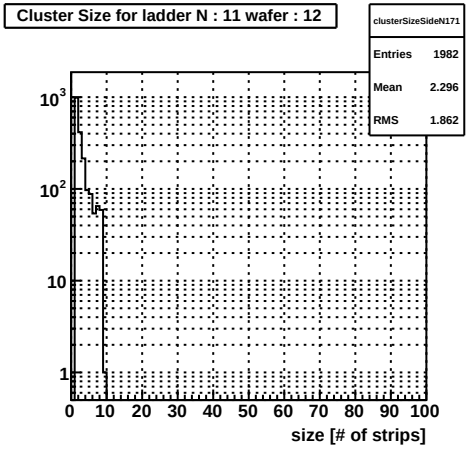

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1651
Mean 1.373
RMS 0.6934
size [# of strips]

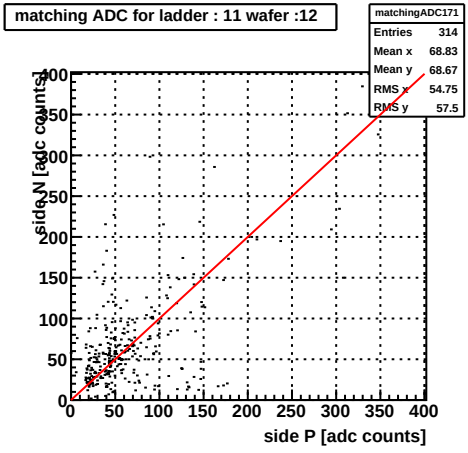

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 643
Mean x 74.86
Mean y 81.86
RMS x 57.38
RMS y 59.6
side N [adc counts]
side P [adc counts]

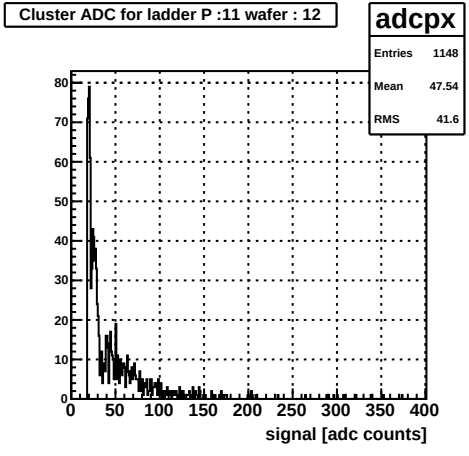

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 695
Mean 84.21
RMS 62.43
signal [adc counts]

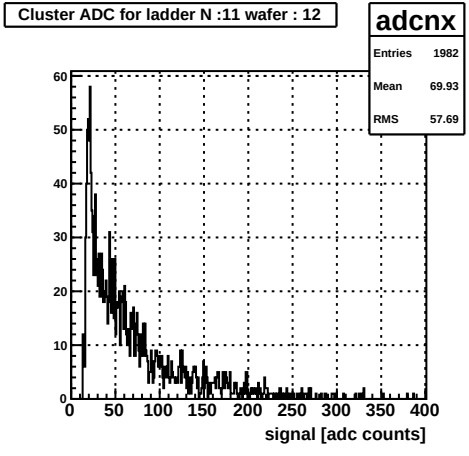

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1651
Mean 54.35
RMS 51.71
signal [adc counts]

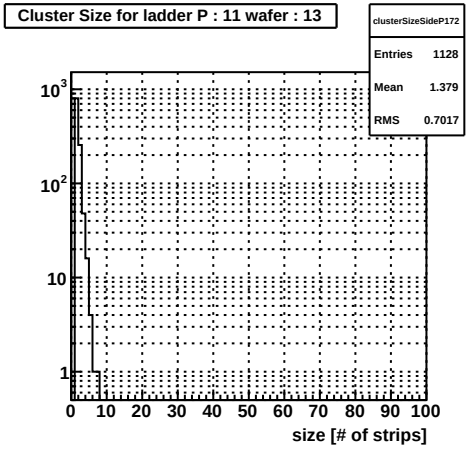

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 1148
Mean 1.338
RMS 0.7713
size [# of strips]

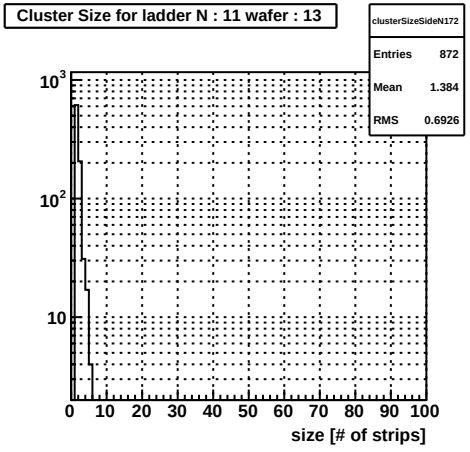

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 1982
Mean 2.296
RMS 1.862
size [# of strips]

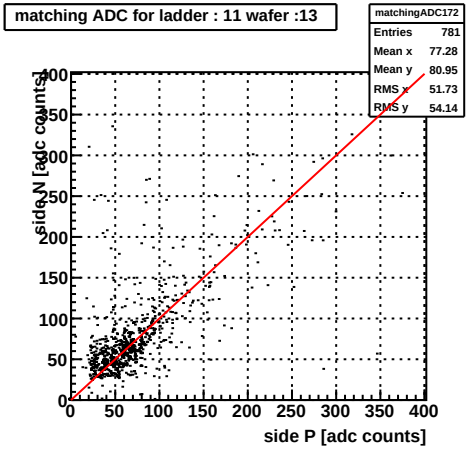

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 314
Mean x 68.83
Mean y 68.67
RMS x 54.75
RMS y 57.5
side N [adc counts]
side P [adc counts]

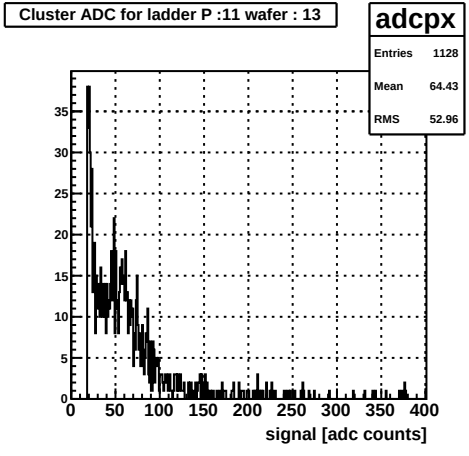

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 1148
Mean 47.54
RMS 41.6
signal [adc counts]

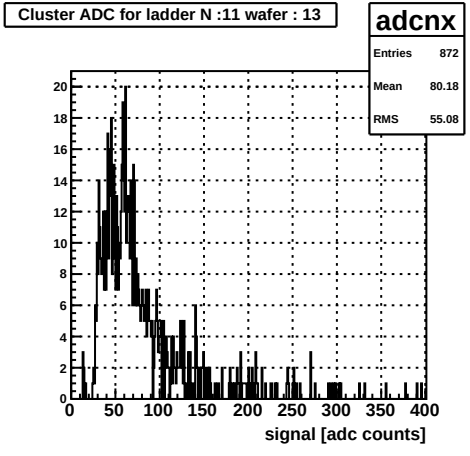

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 1982
Mean 69.93
RMS 57.69
signal [adc counts]

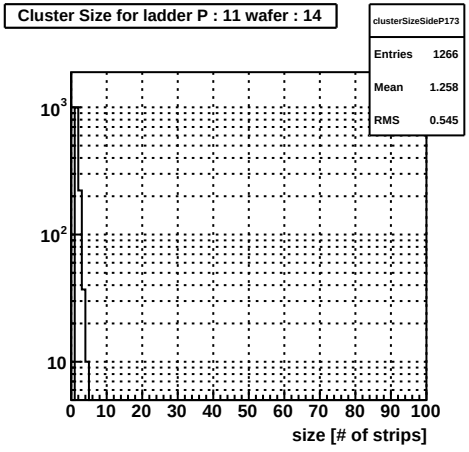

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1128
Mean 1.379
RMS 0.7017
size [# of strips]

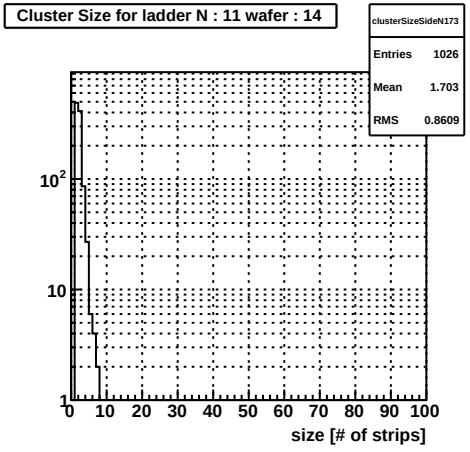

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 872
Mean 1.384
RMS 0.6926
size [# of strips]

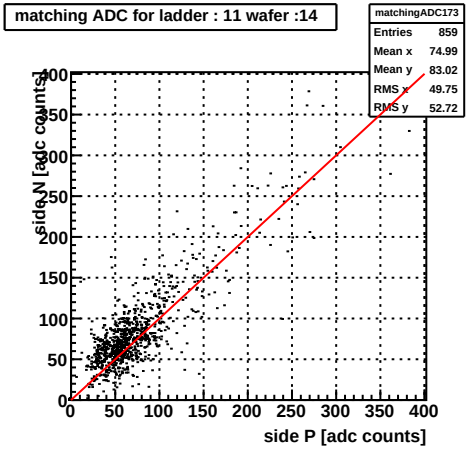

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 781
Mean x 77.28
Mean y 80.95
RMS x 51.73
RMS y 54.14
side N [adc counts]
side P [adc counts]

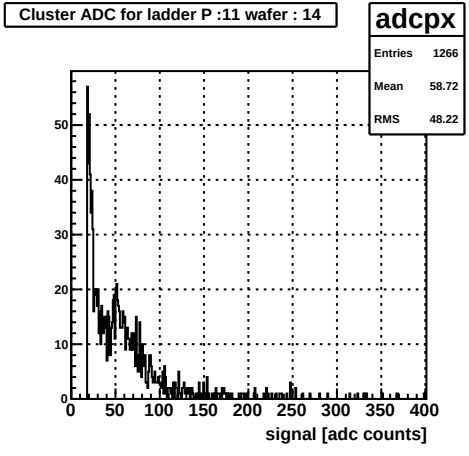

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1128
Mean 64.43
RMS 52.96
signal [adc counts]

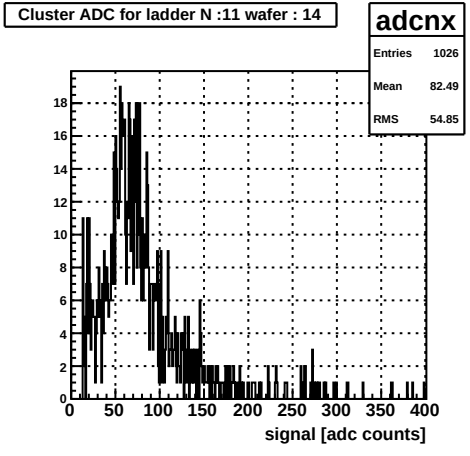

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 872
Mean 80.18
RMS 55.08
signal [adc counts]

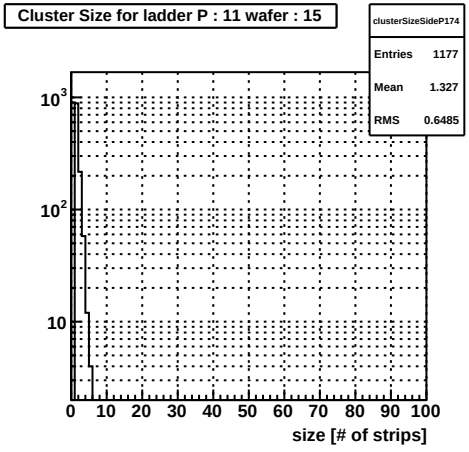

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1266
Mean 1.258
RMS 0.545
size [# of strips]

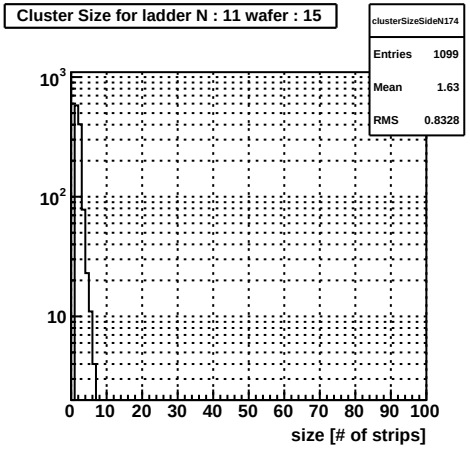

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1026
Mean 1.703
RMS 0.8609
size [# of strips]

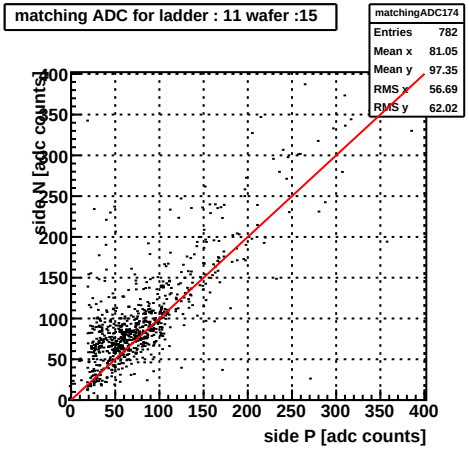

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 859
Mean x 74.99
Mean y 83.02
RMS x 49.75
RMS y 52.72
side N [adc counts]
side P [adc counts]

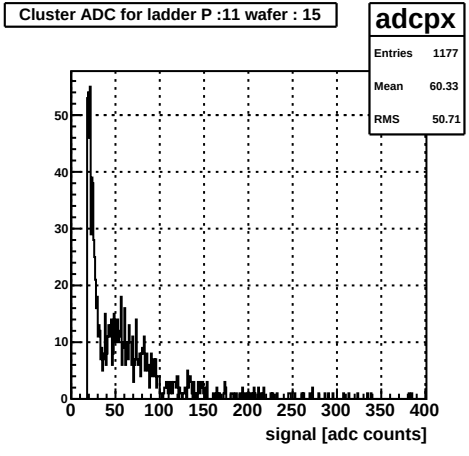

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1266
Mean 58.72
RMS 48.22
signal [adc counts]

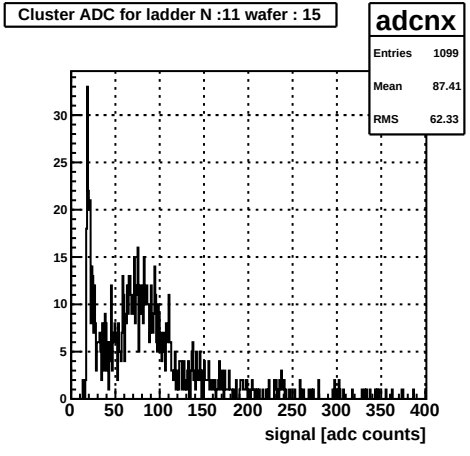

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1026
Mean 82.49
RMS 54.85
signal [adc counts]

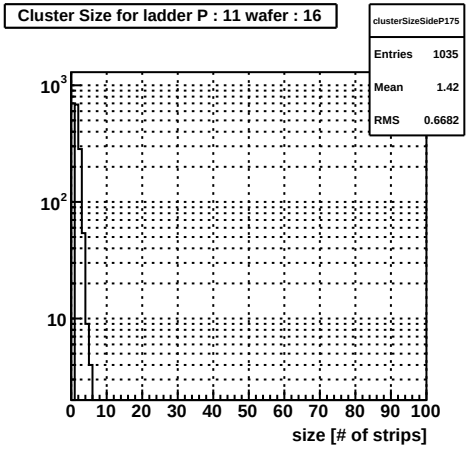

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1177
Mean 1.327
RMS 0.6485
size [# of strips]

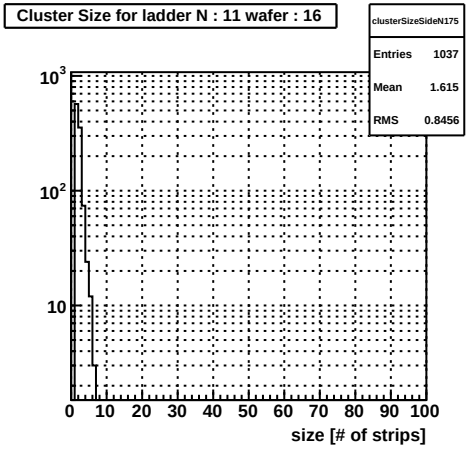

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1099
Mean 1.63
RMS 0.8328
size [# of strips]

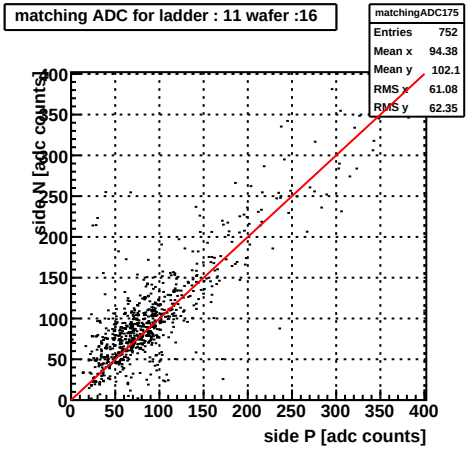

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 782
Mean x 81.05
Mean y 97.35
RMS x 56.69
RMS y 62.02
side N [adc counts]
side P [adc counts]

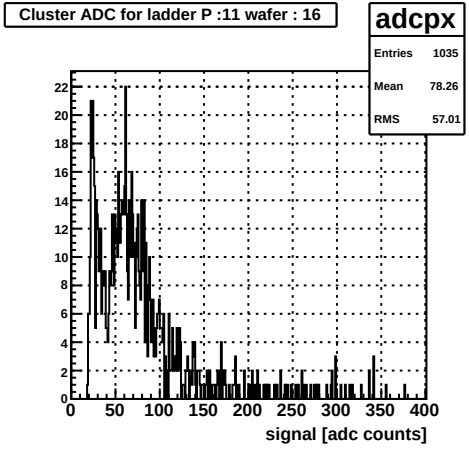

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1177
Mean 60.33
RMS 50.71
signal [adc counts]

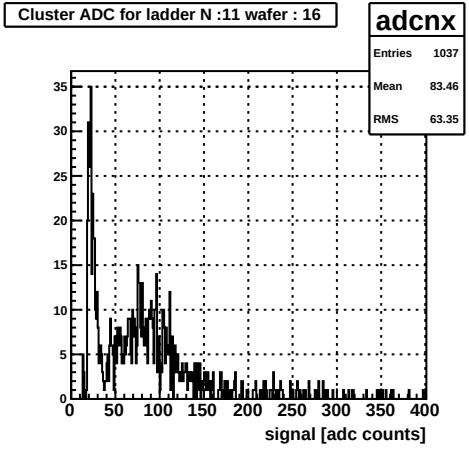

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1099
Mean 87.41
RMS 62.33
signal [adc counts]

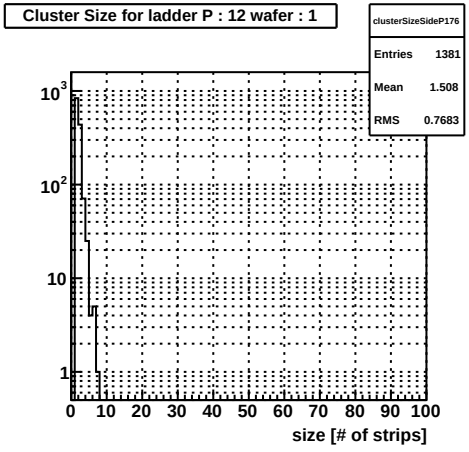

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1035
Mean 1.42
RMS 0.6682
size [# of strips]

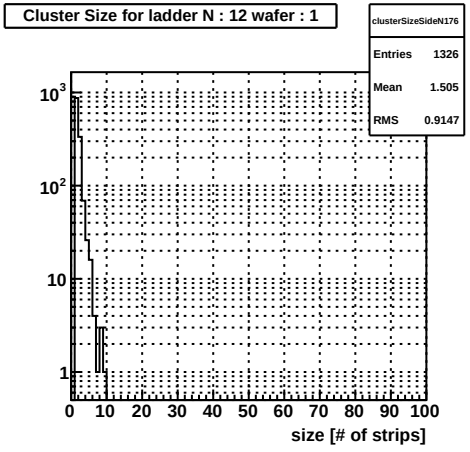

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1037
Mean 1.615
RMS 0.8456
size [# of strips]

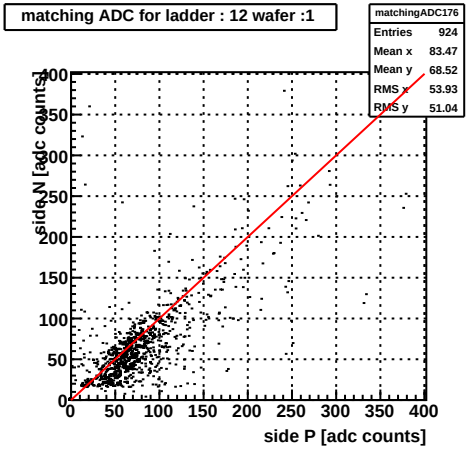

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 752
Mean x 94.38
Mean y 102.1
RMS x 61.08
RMS y 62.35
side N [adc counts]
side P [adc counts]

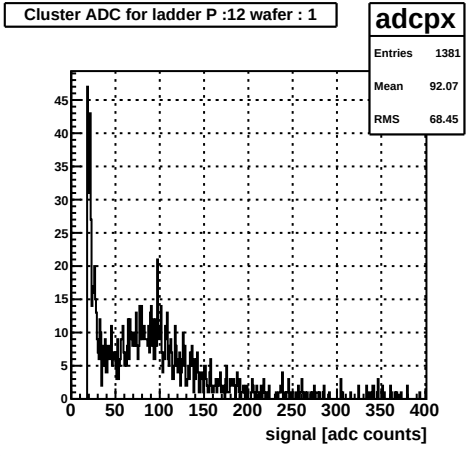

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1035
Mean 78.26
RMS 57.01
signal [adc counts]

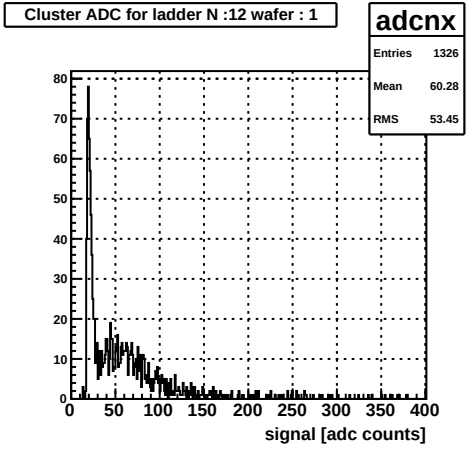

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1037
Mean 83.46
RMS 63.35
signal [adc counts]

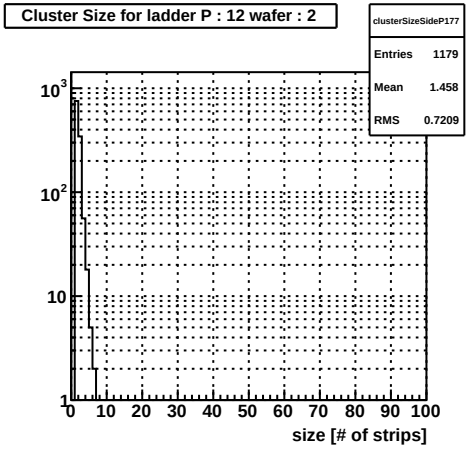

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1381
Mean 1.508
RMS 0.7683
size [# of strips]

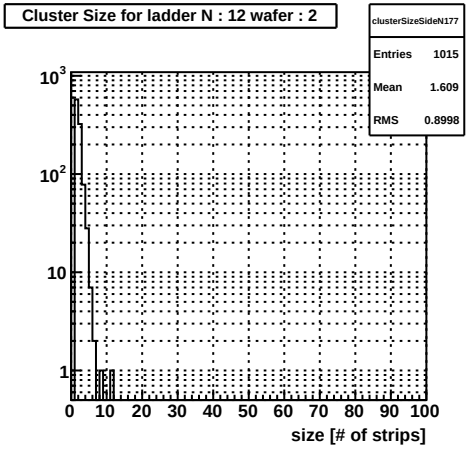

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1326
Mean 1.505
RMS 0.9147
size [# of strips]

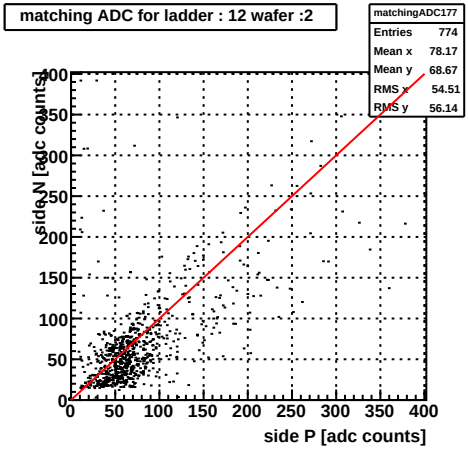

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 924
Mean x 83.47
Mean y 68.52
RMS x 53.93
RMS y 51.04
side N [adc counts]
side P [adc counts]

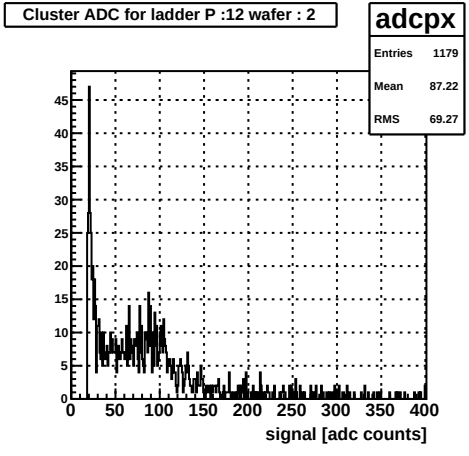

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1381
Mean 92.07
RMS 68.45
signal [adc counts]

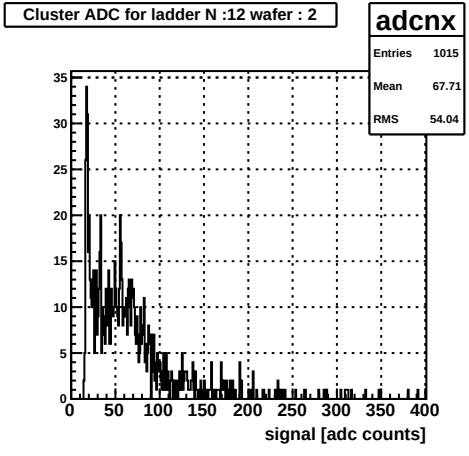

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1326
Mean 60.28
RMS 53.45
signal [adc counts]

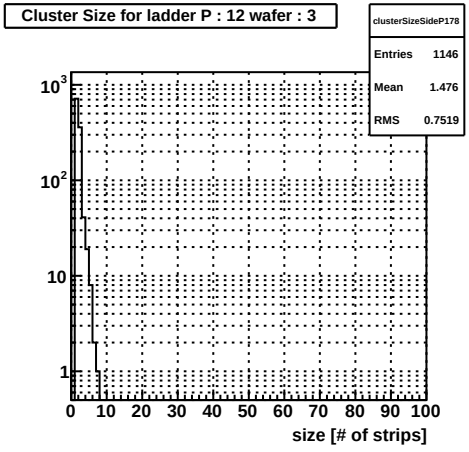

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1179
Mean 1.458
RMS 0.7209
size [# of strips]

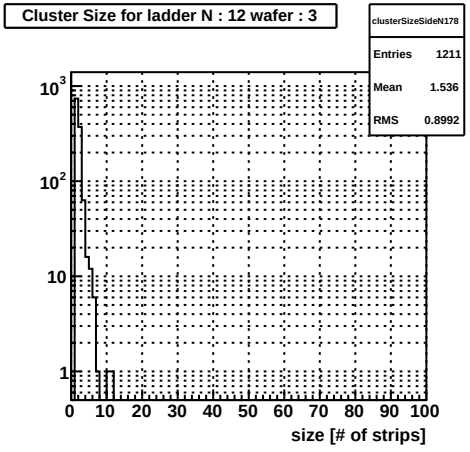

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1015
Mean 1.609
RMS 0.8998
size [# of strips]

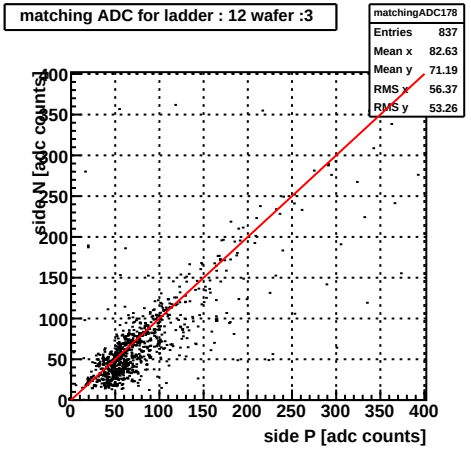

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 774
Mean x 78.17
Mean y 68.67
RMS x 54.51
RMS y 56.14
side N [adc counts]
side P [adc counts]

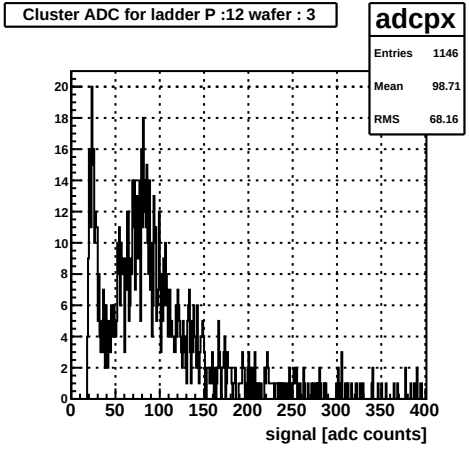

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1179
Mean 87.22
RMS 69.27
signal [adc counts]

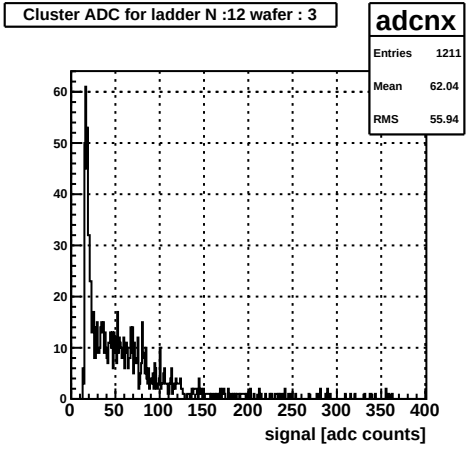

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1015
Mean 67.71
RMS 54.04
signal [adc counts]

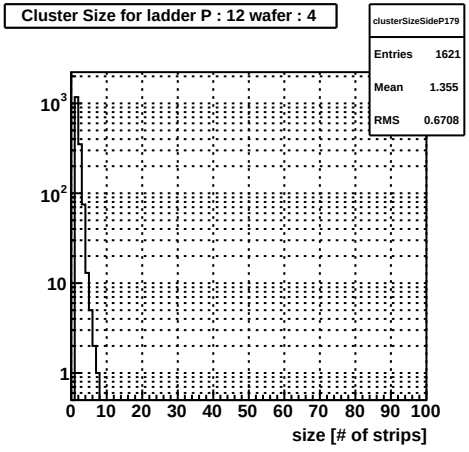

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1146
Mean 1.476
RMS 0.7519
size [# of strips]

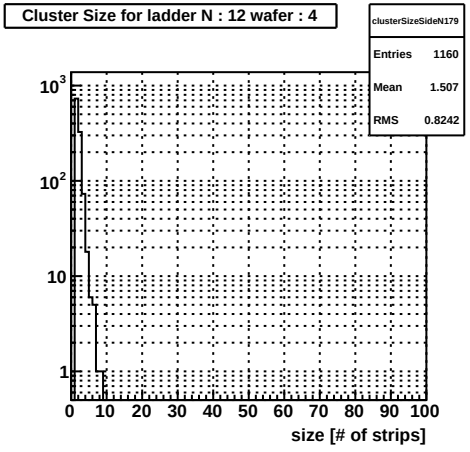

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1211
Mean 1.536
RMS 0.8992
size [# of strips]

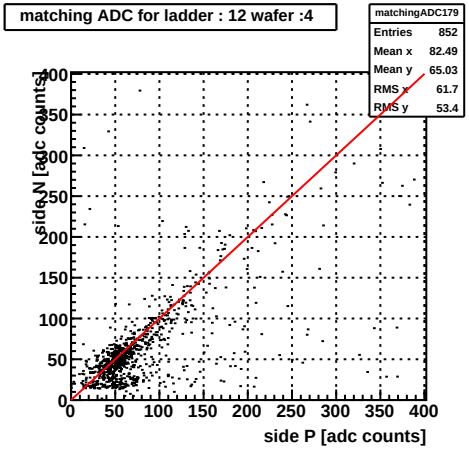

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 837
Mean x 82.63
Mean y 71.19
RMS x 56.37
RMS y 53.26
side N [adc counts]
side P [adc counts]

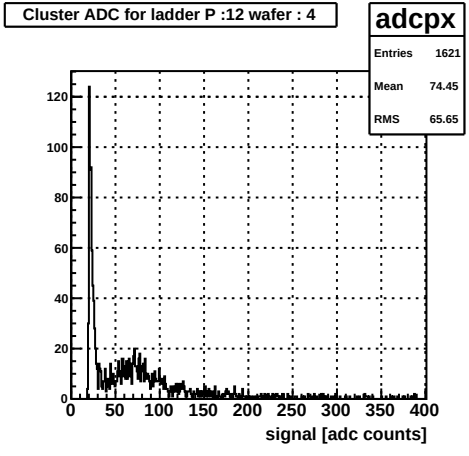

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1146
Mean 98.71
RMS 68.16
signal [adc counts]

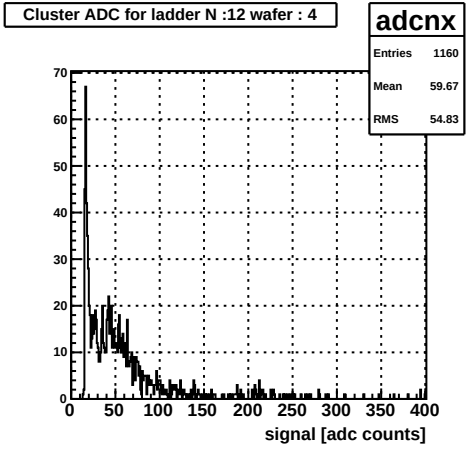

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1211
Mean 62.04
RMS 55.94
signal [adc counts]

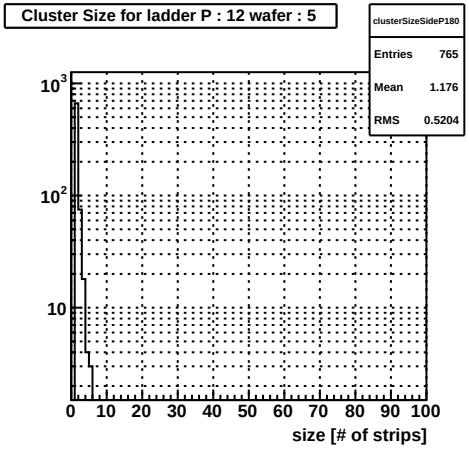

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 1621
Mean 1.355
RMS 0.6708
size [# of strips]

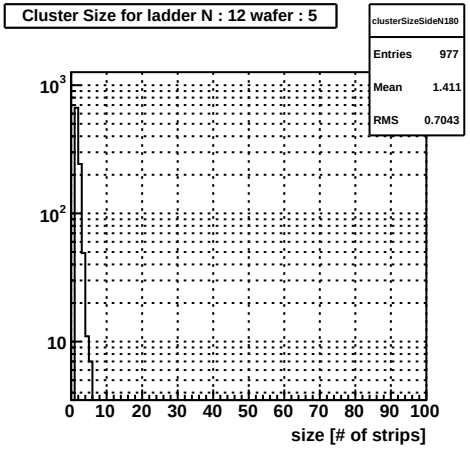

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1160
Mean 1.507
RMS 0.8242
size [# of strips]

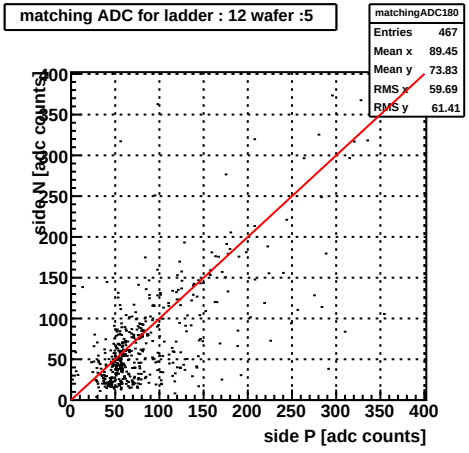

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 852
Mean x 82.49
Mean y 65.03
RMS x 61.7
RMS y 53.4
side N [adc counts]
side P [adc counts]

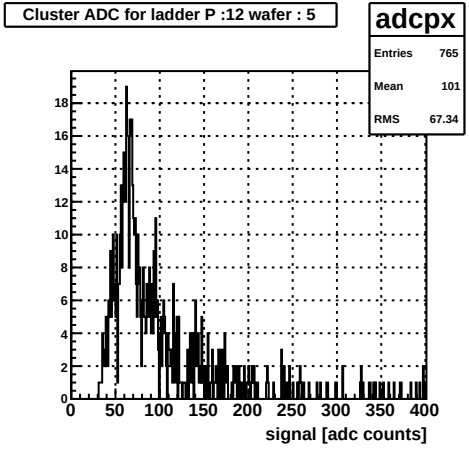

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 1621
Mean 74.45
RMS 65.65
signal [adc counts]

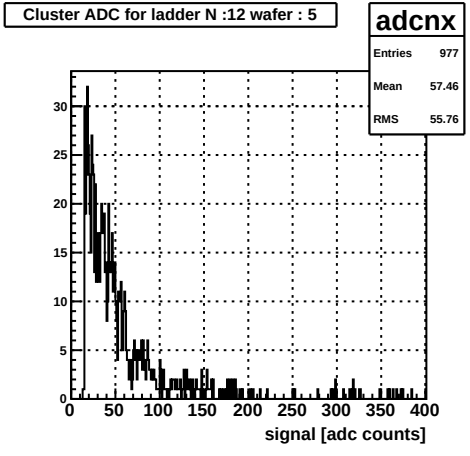

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1160
Mean 59.67
RMS 54.83
signal [adc counts]

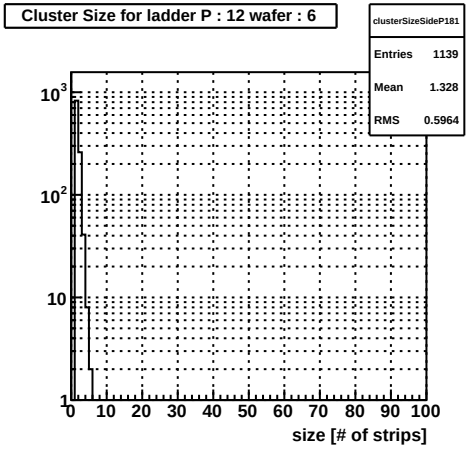

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 765
Mean 1.176
RMS 0.5204
size [# of strips]

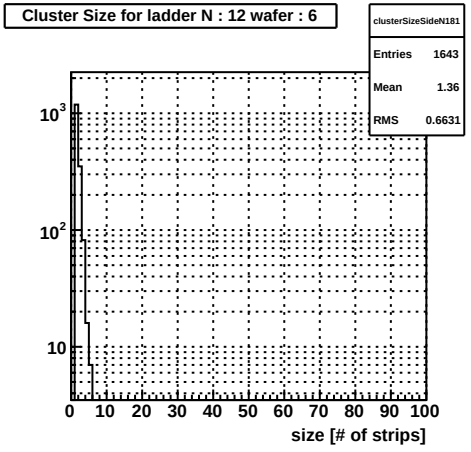

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 977
Mean 1.411
RMS 0.7043
size [# of strips]

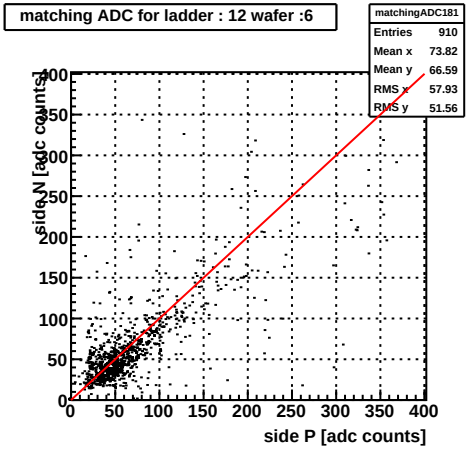

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 467
Mean x 89.45
Mean y 73.83
RMS x 59.69
RMS y 61.41
side N [adc counts]
side P [adc counts]

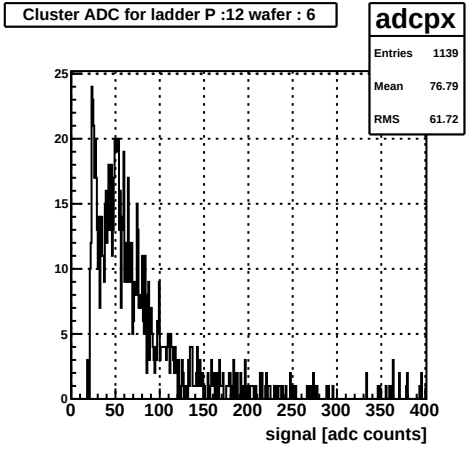

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 765
Mean 101
RMS 67.34
signal [adc counts]

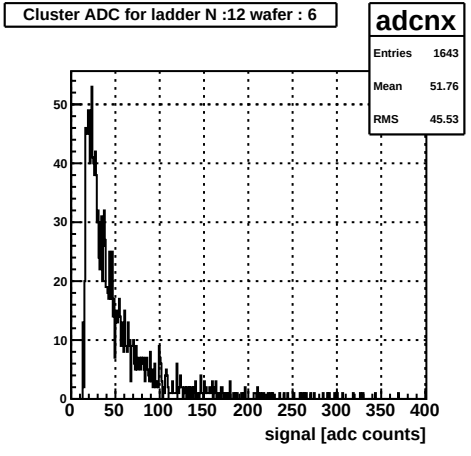

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 977
Mean 57.46
RMS 55.76
signal [adc counts]

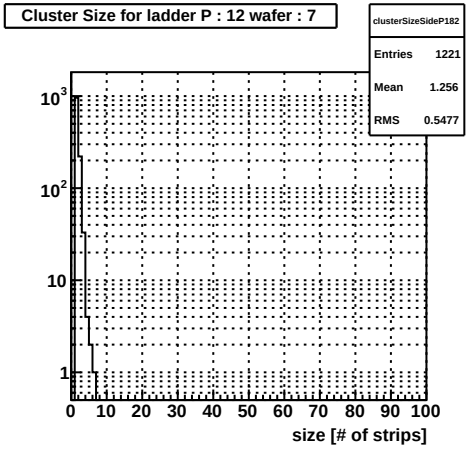

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1139
Mean 1.328
RMS 0.5964
size [# of strips]

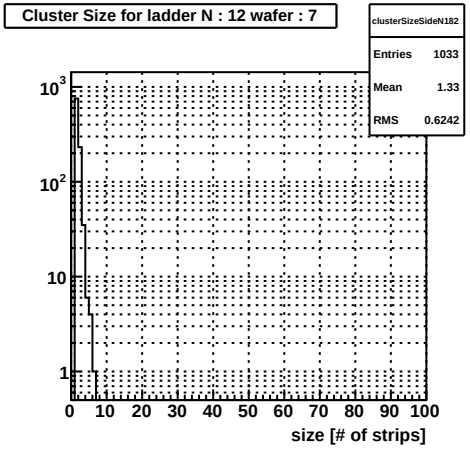

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 1643
Mean 1.36
RMS 0.6631
size [# of strips]

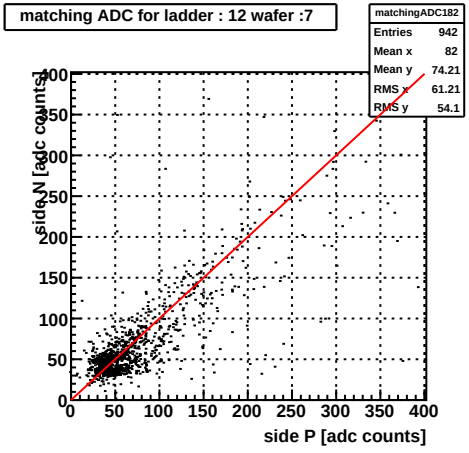

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 910
Mean x 73.82
Mean y 66.59
RMS x 57.93
RMS y 51.56
side N [adc counts]
side P [adc counts]

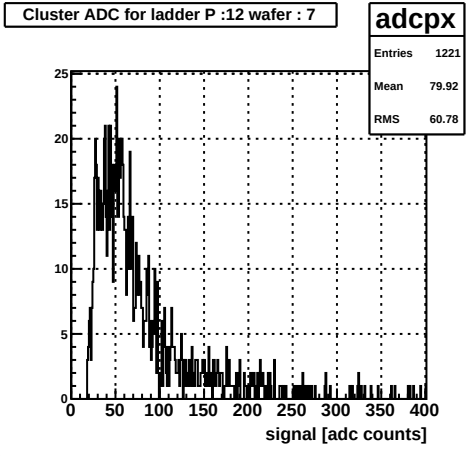

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1139
Mean 76.79
RMS 61.72
signal [adc counts]

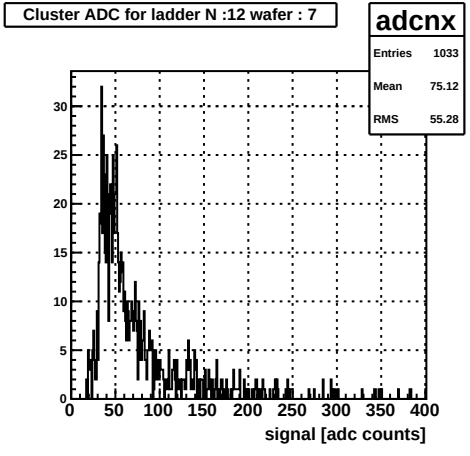

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 1643
Mean 51.76
RMS 45.53
signal [adc counts]

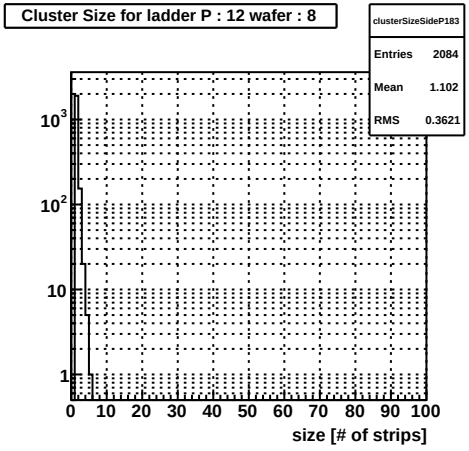

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1221
Mean 1.256
RMS 0.5477
size [# of strips]

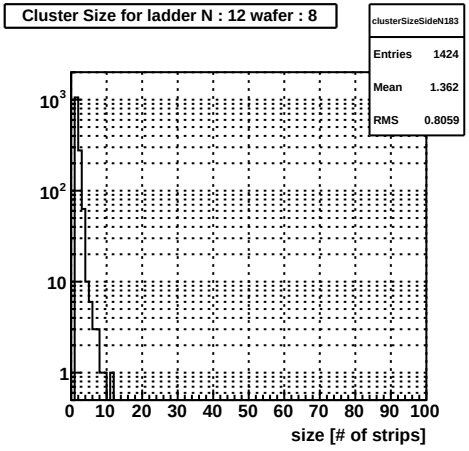

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1033
Mean 1.33
RMS 0.6242
size [# of strips]

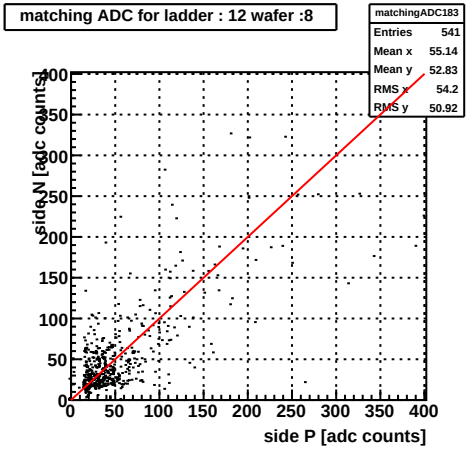

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 942
Mean x 82
Mean y 74.21
RMS x 61.21
RMS y 54.1
side N [adc counts]
side P [adc counts]

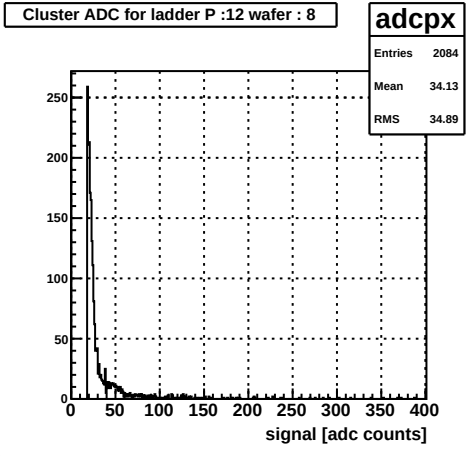

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1221
Mean 79.92
RMS 60.78
signal [adc counts]

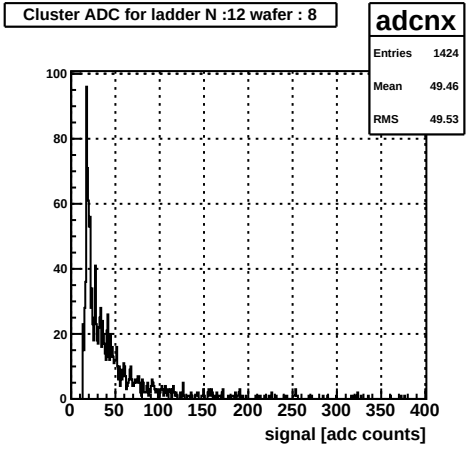

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1033
Mean 75.12
RMS 55.28
signal [adc counts]

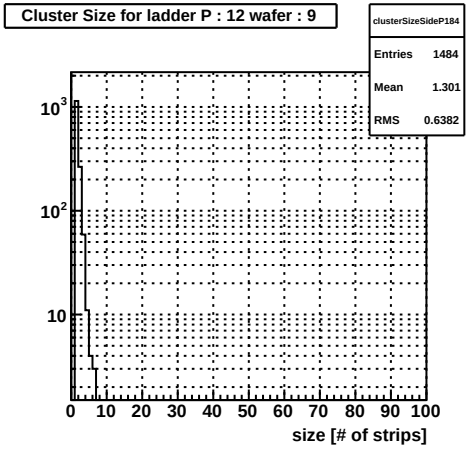

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 2084
Mean 1.102
RMS 0.3621
size [# of strips]

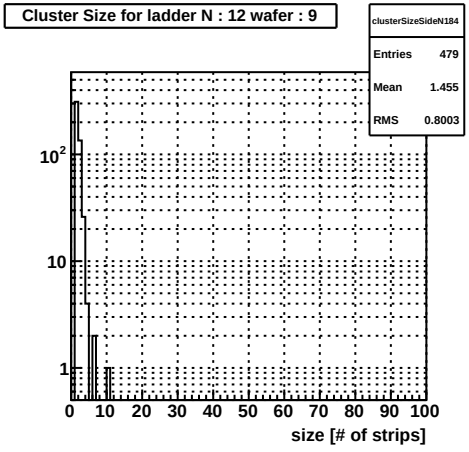

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1424
Mean 1.362
RMS 0.8059
size [# of strips]

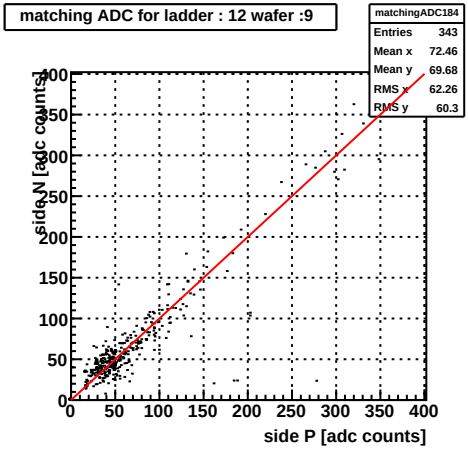

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 541
Mean x 55.14
Mean y 52.83
RMS x 54.2
RMS y 50.92
side N [adc counts]
side P [adc counts]

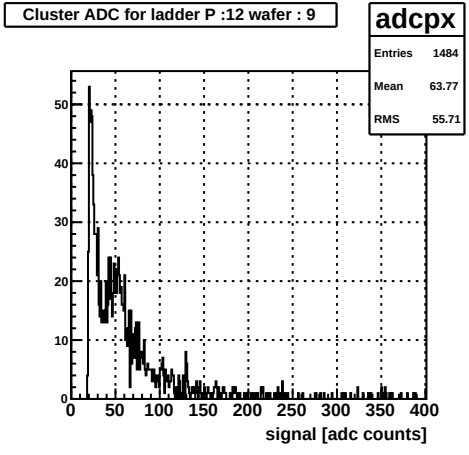

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 2084
Mean 34.13
RMS 34.89
signal [adc counts]

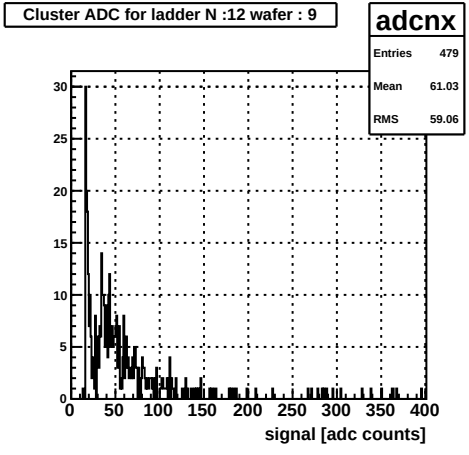

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1424
Mean 49.46
RMS 49.53
signal [adc counts]

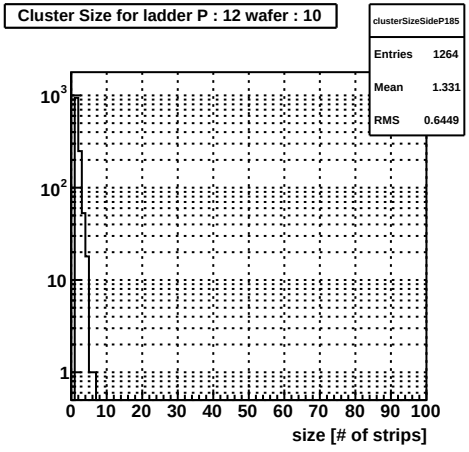

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 1484
Mean 1.301
RMS 0.6382
size [# of strips]

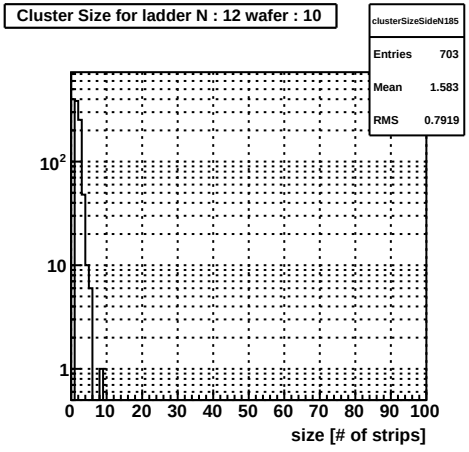

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 479
Mean 1.455
RMS 0.8003
size [# of strips]

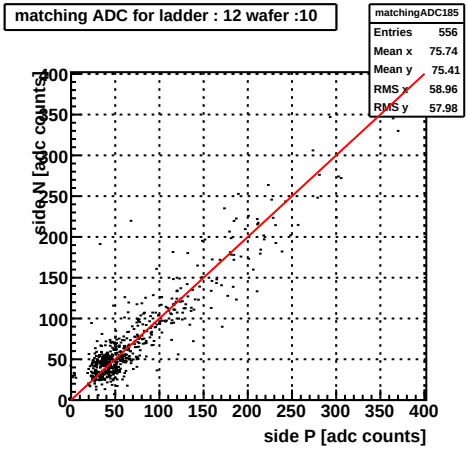

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 343
Mean x 72.46
Mean y 69.68
RMS x 62.26
RMS y 60.3
side N [adc counts]
side P [adc counts]

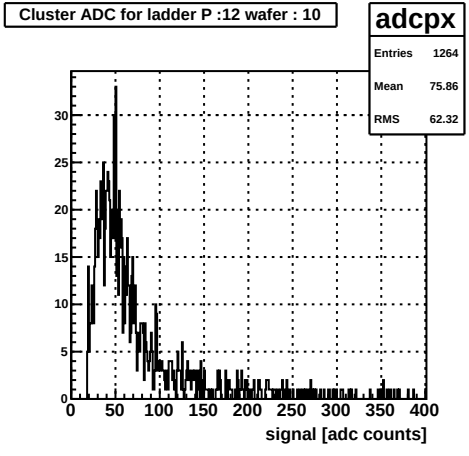

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 1484
Mean 63.77
RMS 55.71
signal [adc counts]

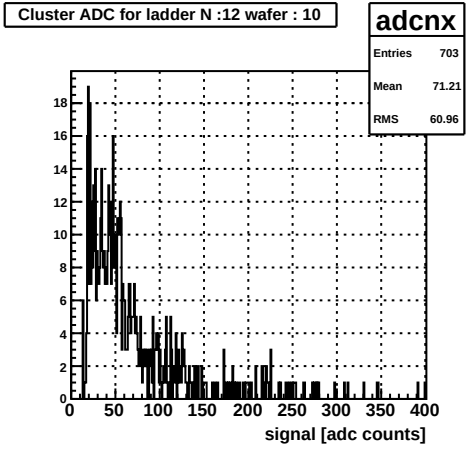

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 479
Mean 61.03
RMS 59.06
signal [adc counts]

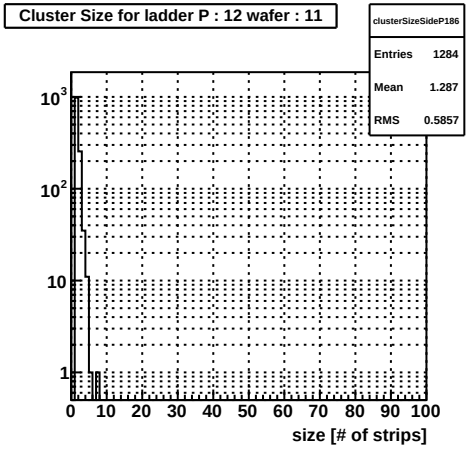

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1264
Mean 1.331
RMS 0.6449
size [# of strips]

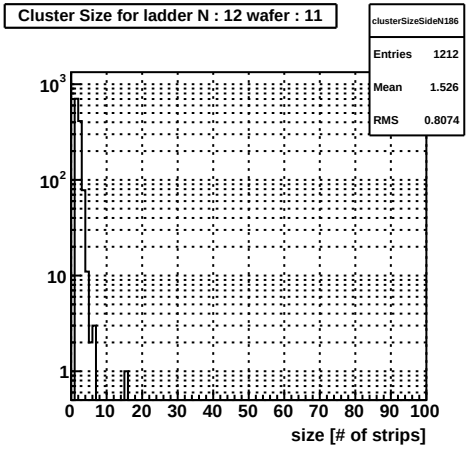

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 703
Mean 1.583
RMS 0.7919
size [# of strips]

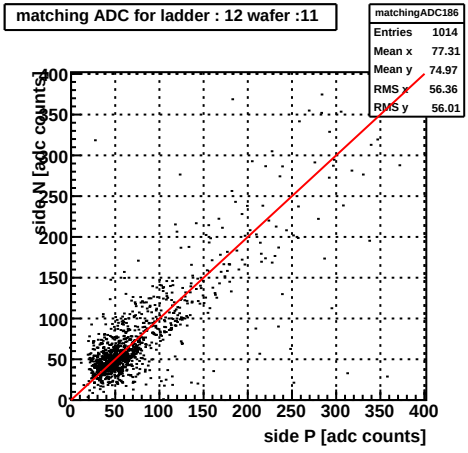

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 556
Mean x 75.74
Mean y 75.41
RMS x 58.96
RMS y 57.98
side N [adc counts]
side P [adc counts]

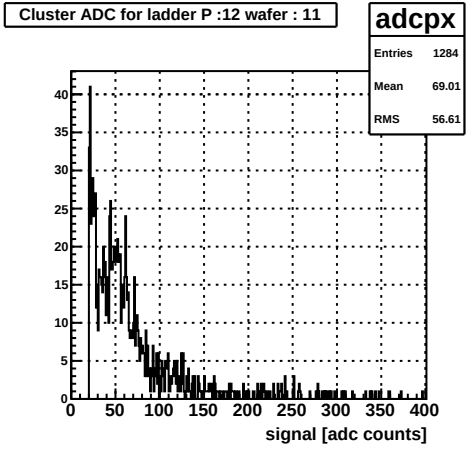

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1264
Mean 75.86
RMS 62.32
signal [adc counts]

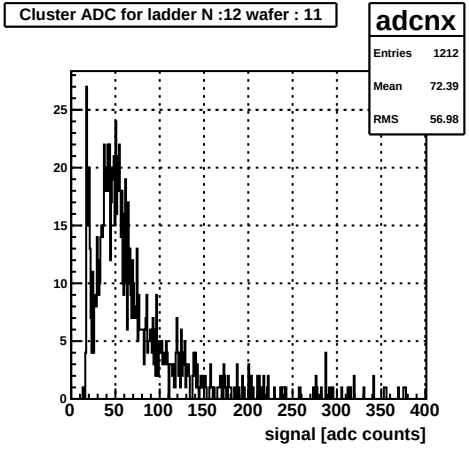

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 703
Mean 71.21
RMS 60.96
signal [adc counts]

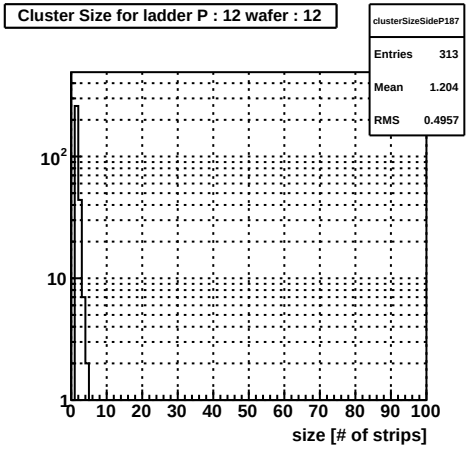

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1284
Mean 1.287
RMS 0.5857
size [# of strips]

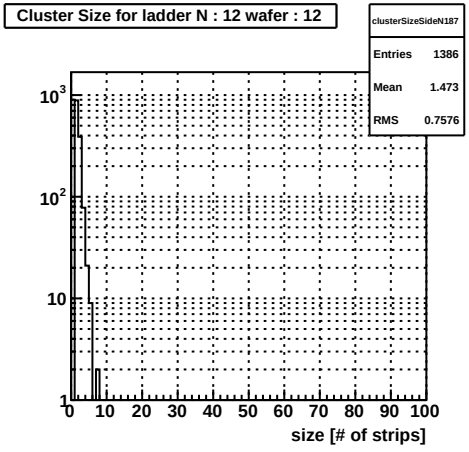

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1212
Mean 1.526
RMS 0.8074
size [# of strips]

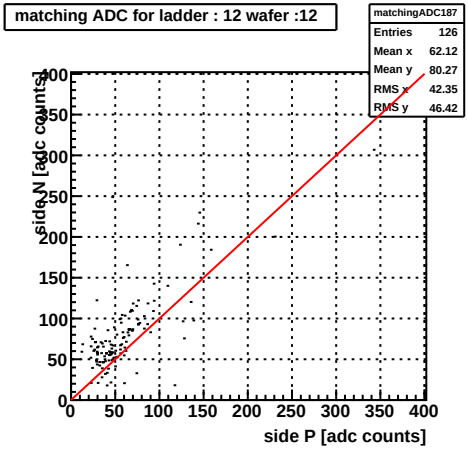

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1014
Mean x 77.31
Mean y 74.97
RMS x 56.36
RMS y 56.01
side N [adc counts]
side P [adc counts]

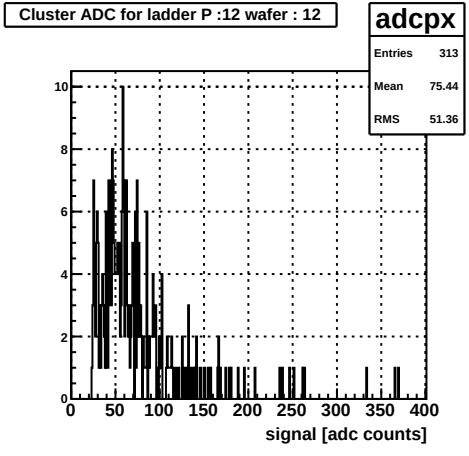

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1284
Mean 69.01
RMS 56.61
signal [adc counts]

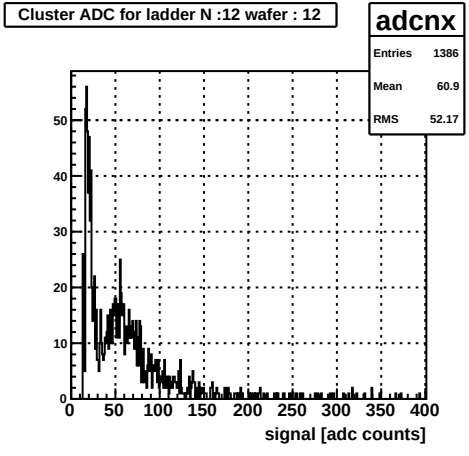

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1212
Mean 72.39
RMS 56.98
signal [adc counts]

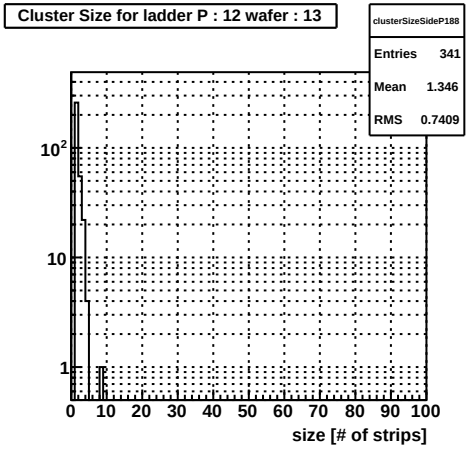

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 313
Mean 1.204
RMS 0.4957
size [# of strips]

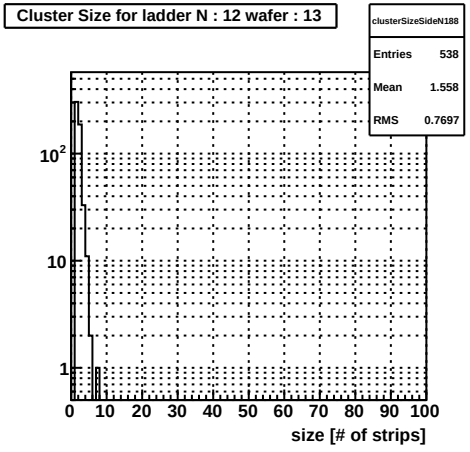

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1386
Mean 1.473
RMS 0.7576
size [# of strips]

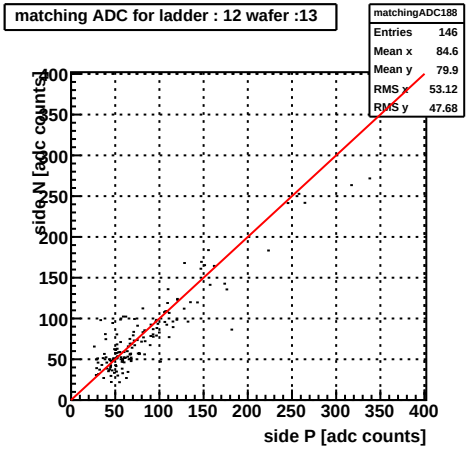

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 126
Mean x 62.12
Mean y 80.27
RMS x 42.35
RMS y 46.42
side N [adc counts]
side P [adc counts]

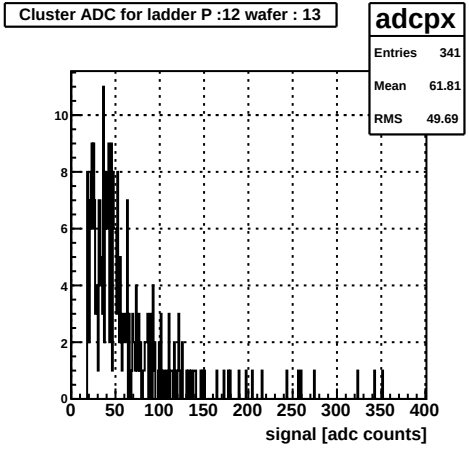

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 313
Mean 75.44
RMS 51.36
signal [adc counts]

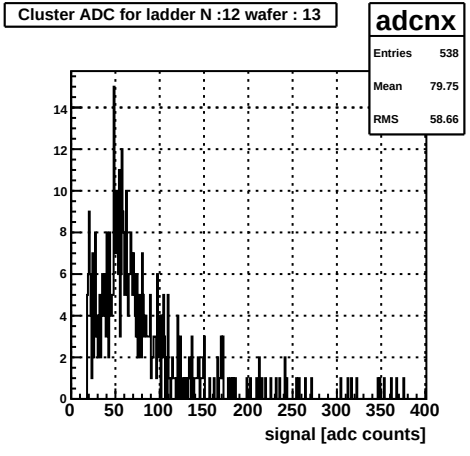

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1386
Mean 60.9
RMS 52.17
signal [adc counts]

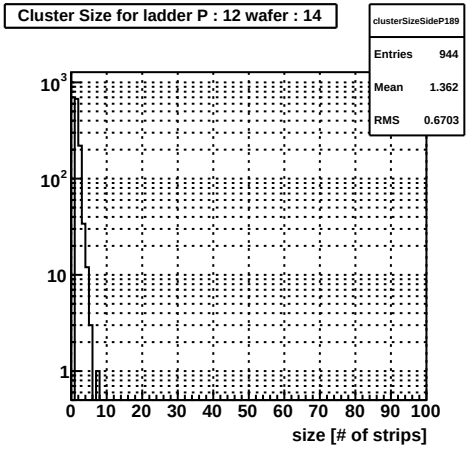

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 341
Mean 1.346
RMS 0.7409
size [# of strips]

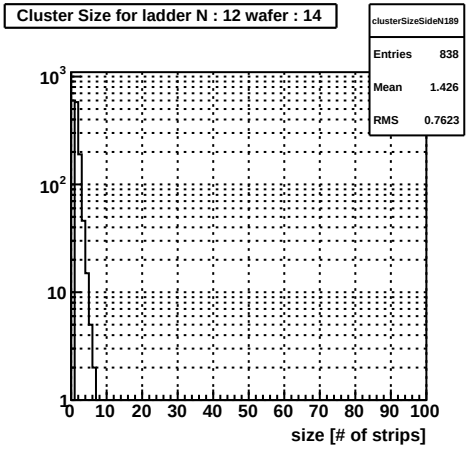

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 538
Mean 1.558
RMS 0.7697
size [# of strips]

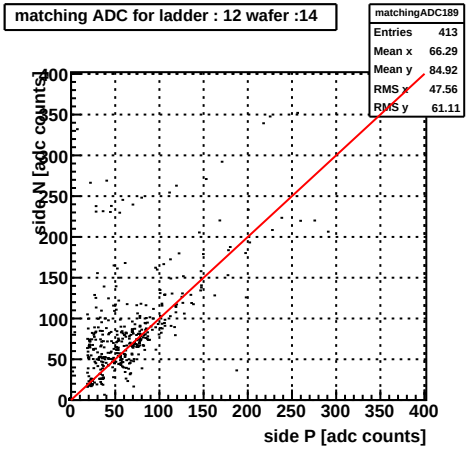

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 146
Mean x 84.6
Mean y 79.9
RMS x 53.12
RMS y 47.68
side N [adc counts]
side P [adc counts]

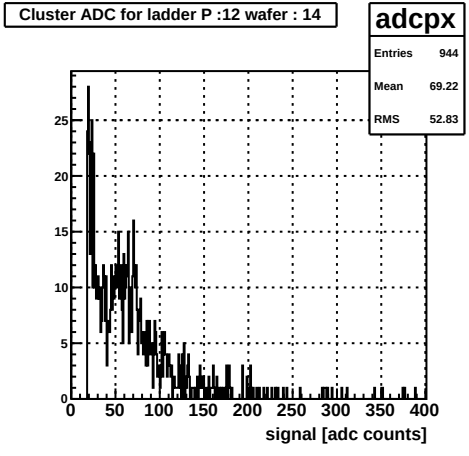

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 341
Mean 61.81
RMS 49.69
signal [adc counts]

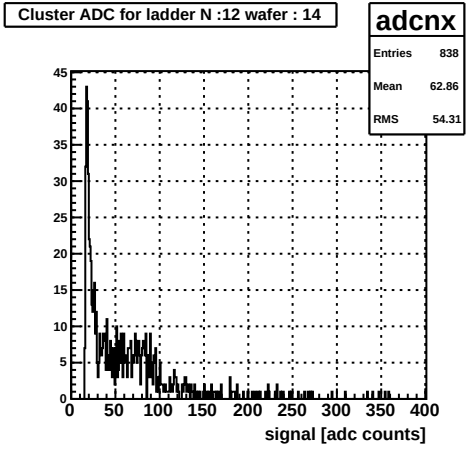

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 538
Mean 79.75
RMS 58.66
signal [adc counts]

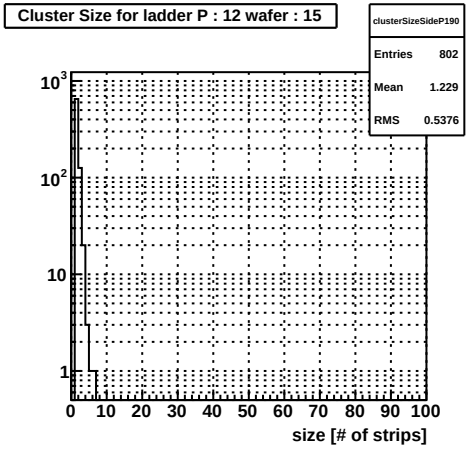

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 944
Mean 1.362
RMS 0.6703
size [# of strips]

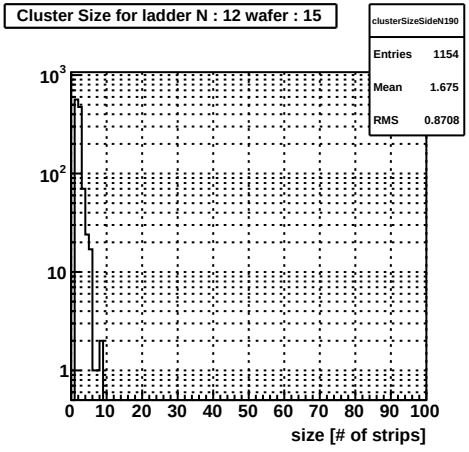

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 838
Mean 1.426
RMS 0.7623
size [# of strips]

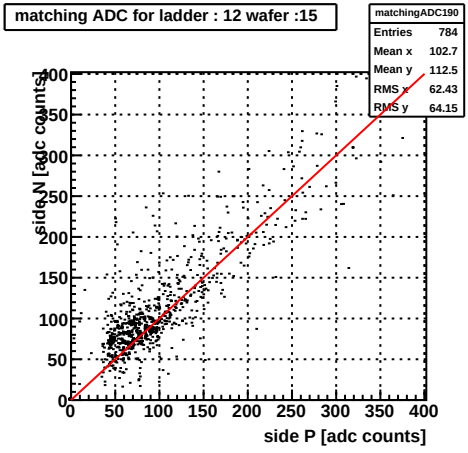

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 413
Mean x 66.29
Mean y 84.92
RMS x 47.56
RMS y 61.11
side N [adc counts]
side P [adc counts]

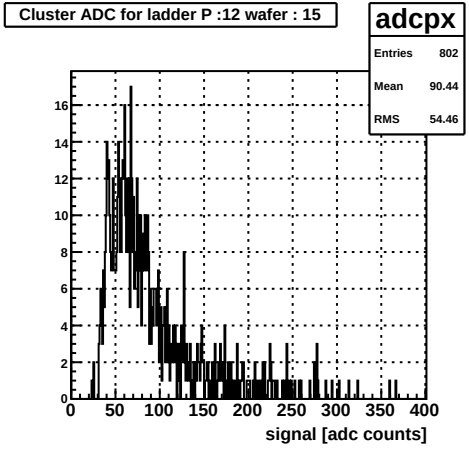

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 944
Mean 69.22
RMS 52.83
signal [adc counts]

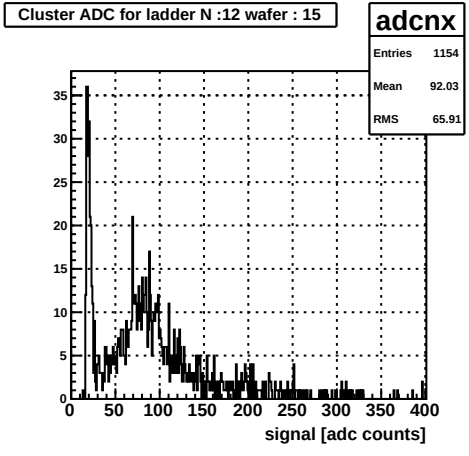

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 838
Mean 62.86
RMS 54.31
signal [adc counts]

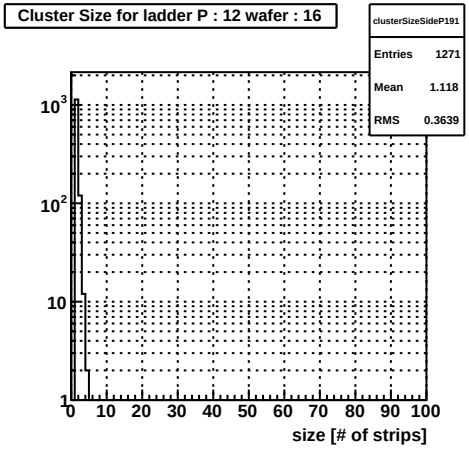

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 802
Mean 1.229
RMS 0.5376
size [# of strips]

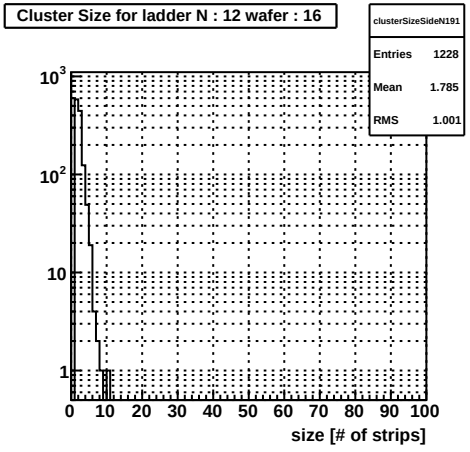

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1154
Mean 1.675
RMS 0.8708
size [# of strips]

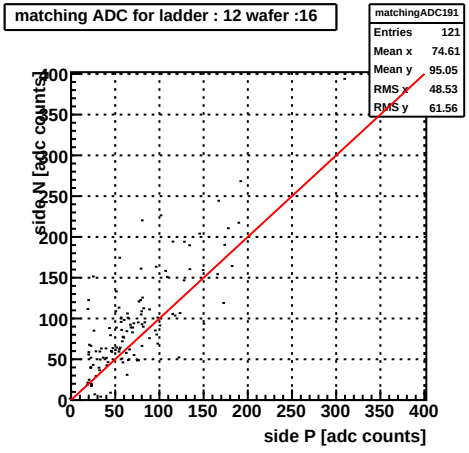

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 784
Mean x 102.7
Mean y 112.5
RMS x 62.43
RMS y 64.15
side N [adc counts]
side P [adc counts]

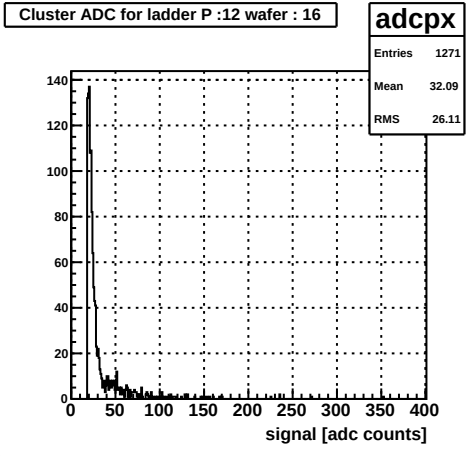

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 802
Mean 90.44
RMS 54.46
signal [adc counts]

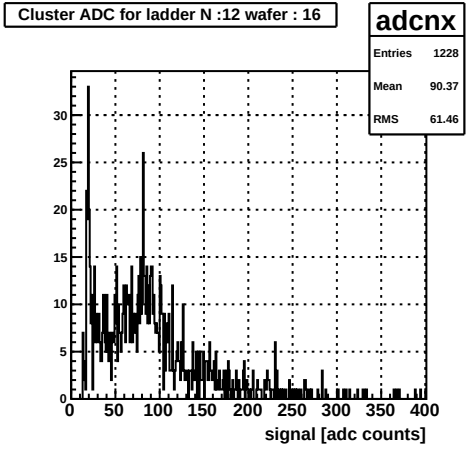

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1154
Mean 92.03
RMS 65.91
signal [adc counts]

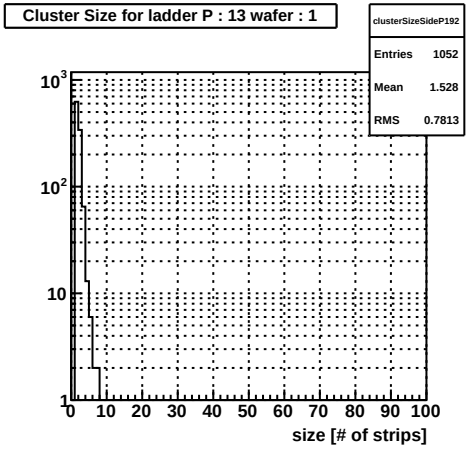

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 1271
Mean 1.118
RMS 0.3639
size [# of strips]

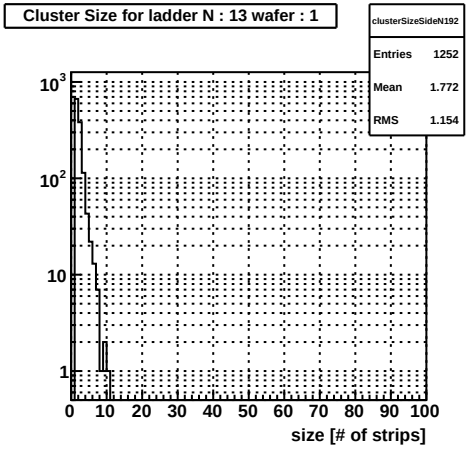

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1228
Mean 1.785
RMS 1.001
size [# of strips]

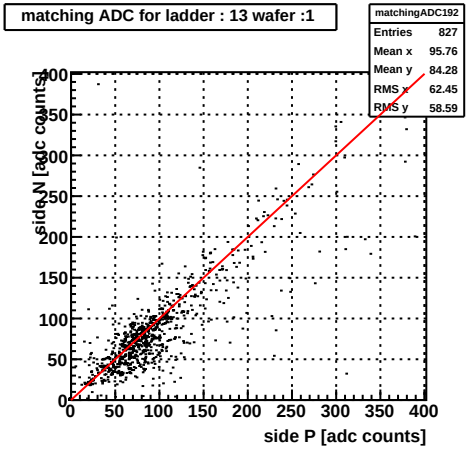

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 121
Mean x 74.61
Mean y 95.05
RMS x 48.53
RMS y 61.56
side N [adc counts]
side P [adc counts]

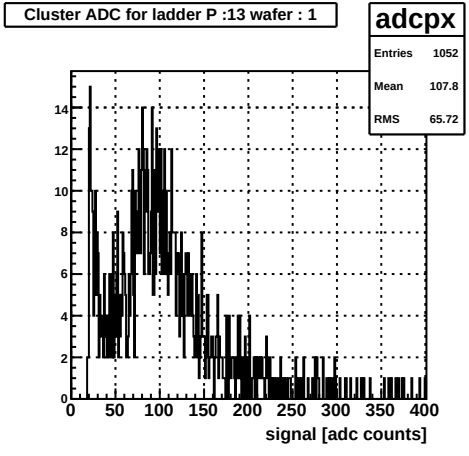

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 1271
Mean 32.09
RMS 26.11
signal [adc counts]

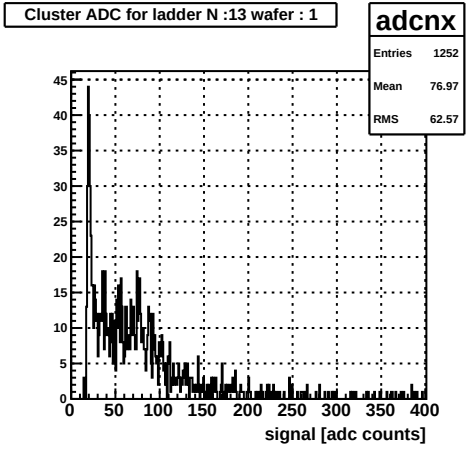

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1228
Mean 90.37
RMS 61.46
signal [adc counts]

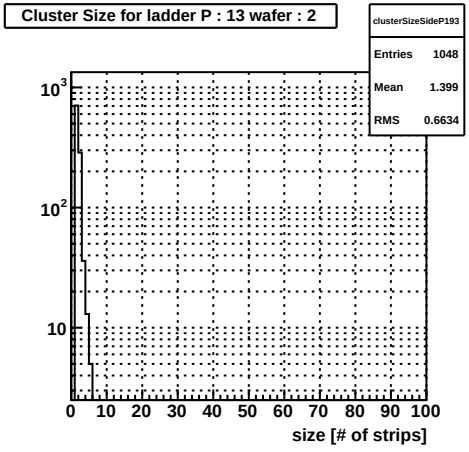

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1052
Mean 1.528
RMS 0.7813
size [# of strips]

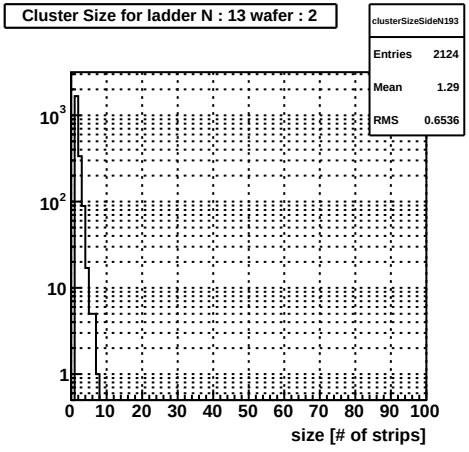

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1252
Mean 1.772
RMS 1.154
size [# of strips]

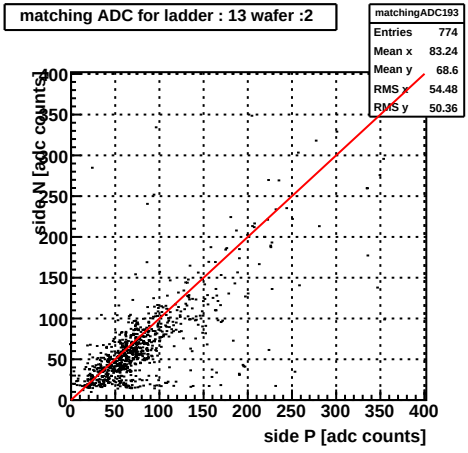

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 827
Mean x 95.76
Mean y 84.28
RMS x 62.45
RMS y 58.59
side N [adc counts]
side P [adc counts]

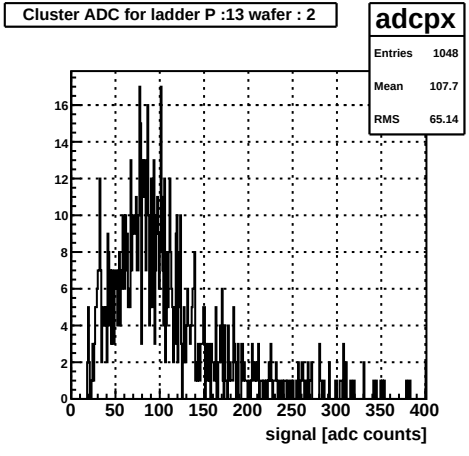

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1052
Mean 107.8
RMS 65.72
signal [adc counts]

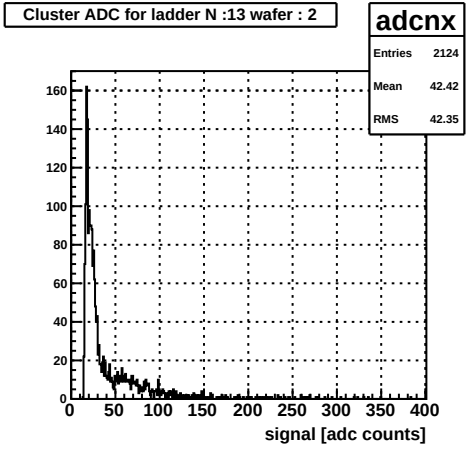

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1252
Mean 76.97
RMS 62.57
signal [adc counts]

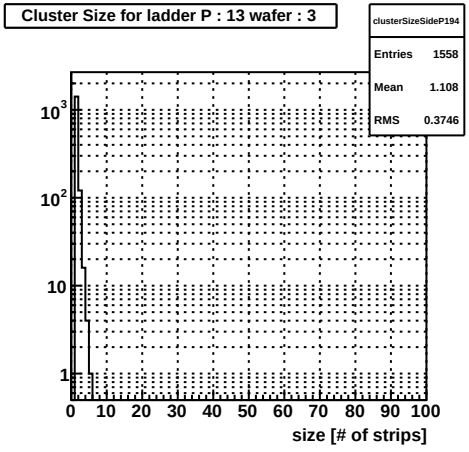

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1048
Mean 1.399
RMS 0.6634
size [# of strips]

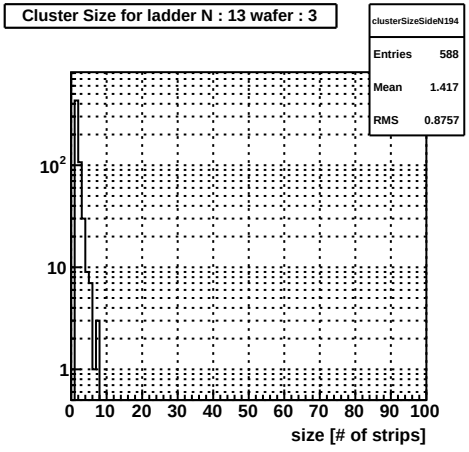

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2124
Mean 1.29
RMS 0.6536
size [# of strips]

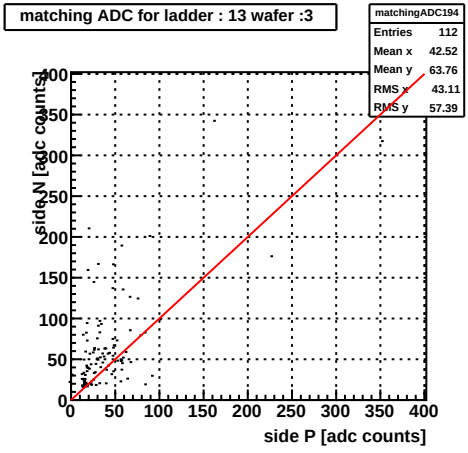

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 774
Mean x 83.24
Mean y 68.6
RMS x 54.48
RMS y 50.36
side N [adc counts]
side P [adc counts]

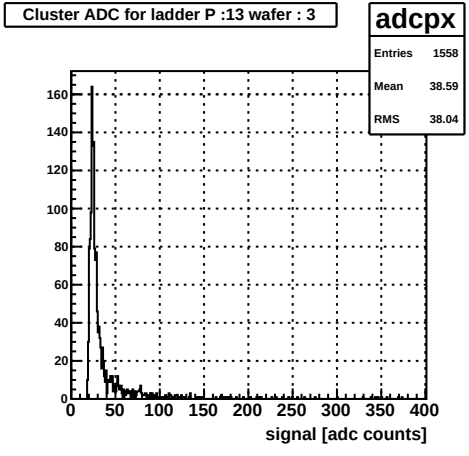

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1048
Mean 107.7
RMS 65.14
signal [adc counts]

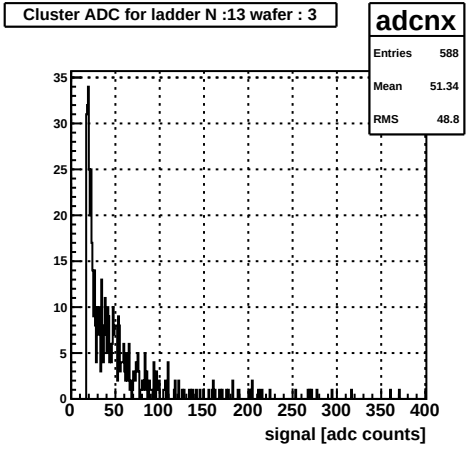

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2124
Mean 42.42
RMS 42.35
signal [adc counts]

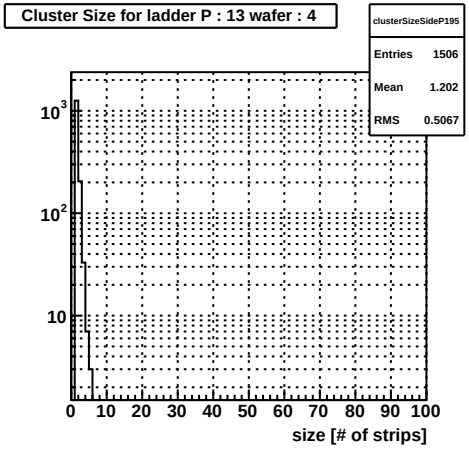

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1558
Mean 1.108
RMS 0.3746
size [# of strips]

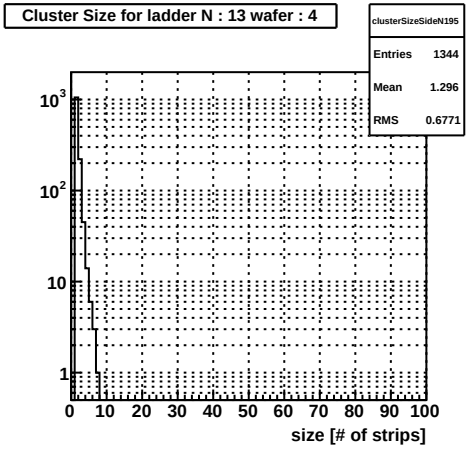

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 588
Mean 1.417
RMS 0.8757
size [# of strips]

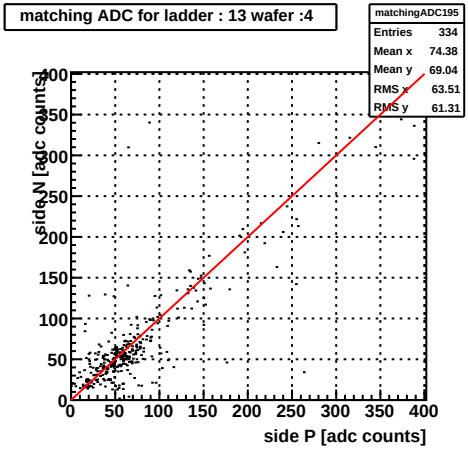

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 112
Mean x 42.52
Mean y 63.76
RMS x 43.11
RMS y 57.39
side N [adc counts]
side P [adc counts]

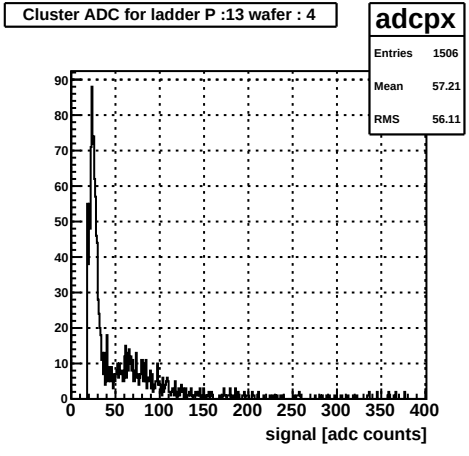

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1558
Mean 38.59
RMS 38.04
signal [adc counts]

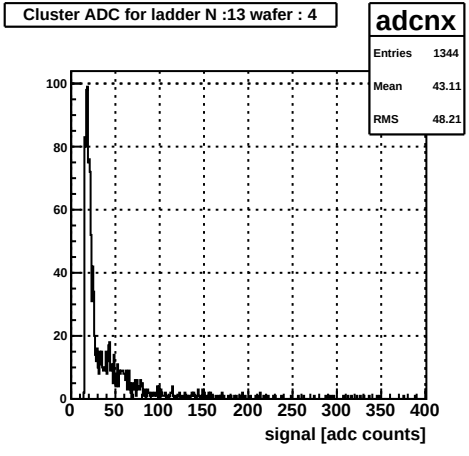

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 588
Mean 51.34
RMS 48.8
signal [adc counts]

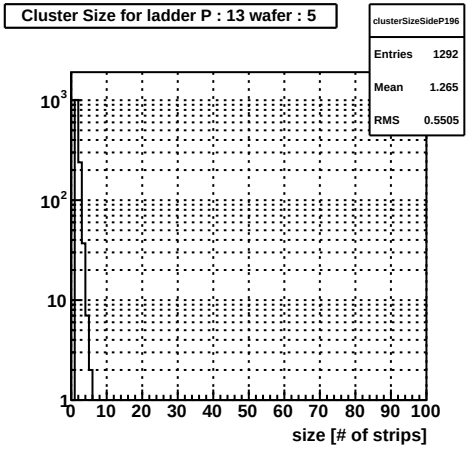

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 1506
Mean 1.202
RMS 0.5067
size [# of strips]

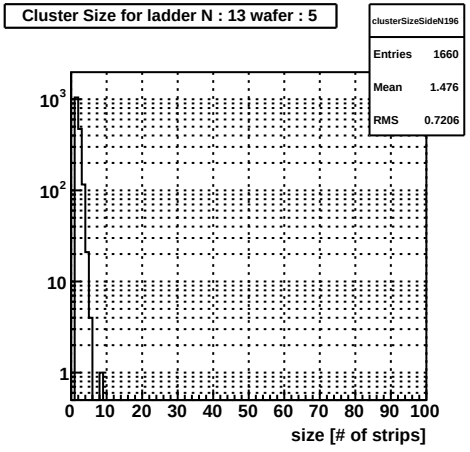

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1344
Mean 1.296
RMS 0.6771
size [# of strips]

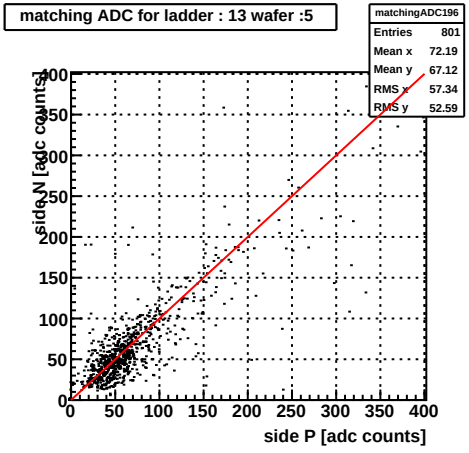

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 334
Mean x 74.38
Mean y 69.04
RMS x 63.51
RMS y 61.31
side N [adc counts]
side P [adc counts]

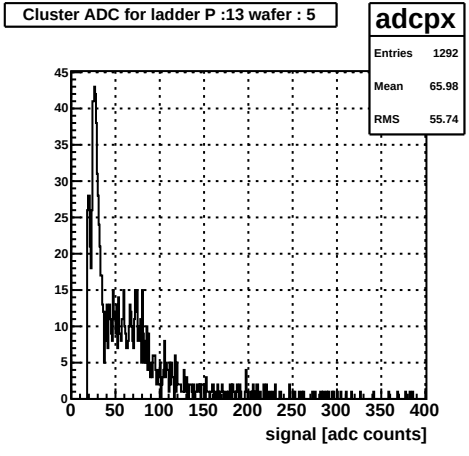

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 1506
Mean 57.21
RMS 56.11
signal [adc counts]

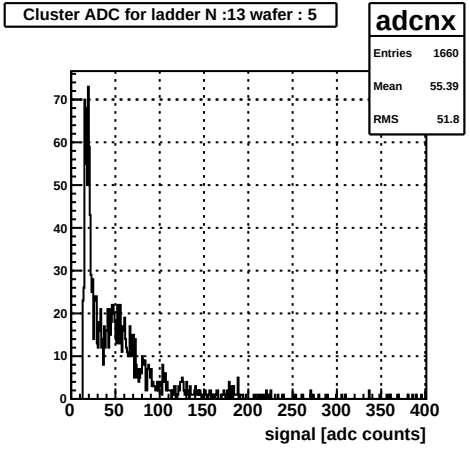

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1344
Mean 43.11
RMS 48.21
signal [adc counts]

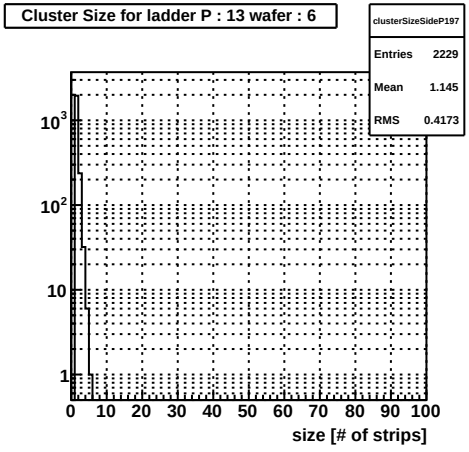

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1292
Mean 1.265
RMS 0.5505
size [# of strips]

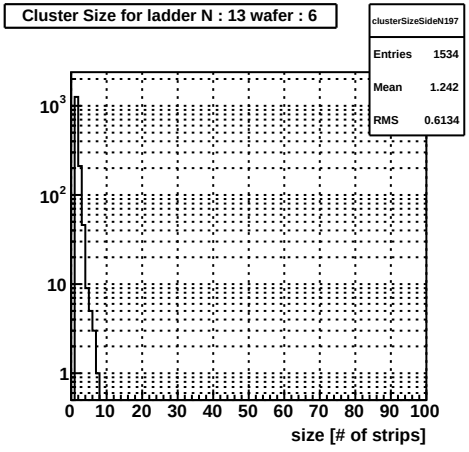

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1660
Mean 1.476
RMS 0.7206
size [# of strips]

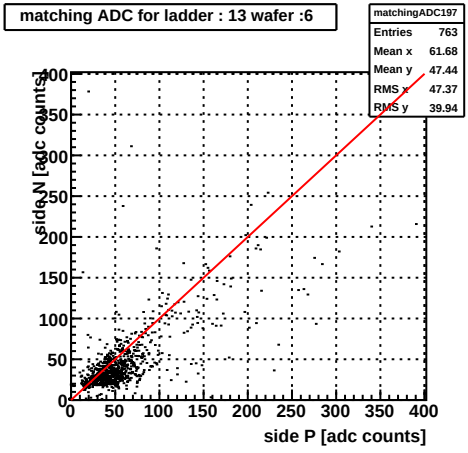

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 801
Mean x 72.19
Mean y 67.12
RMS x 57.34
RMS y 52.59
side N [adc counts]
side P [adc counts]

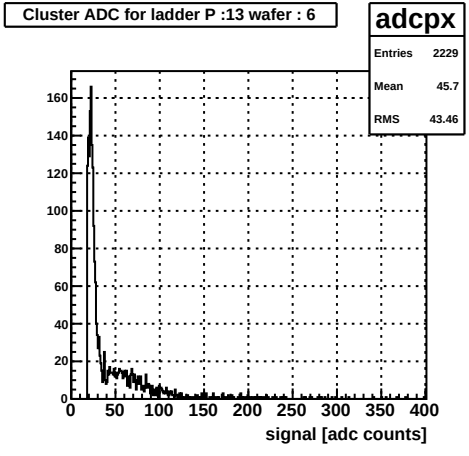

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1292
Mean 65.98
RMS 55.74
signal [adc counts]

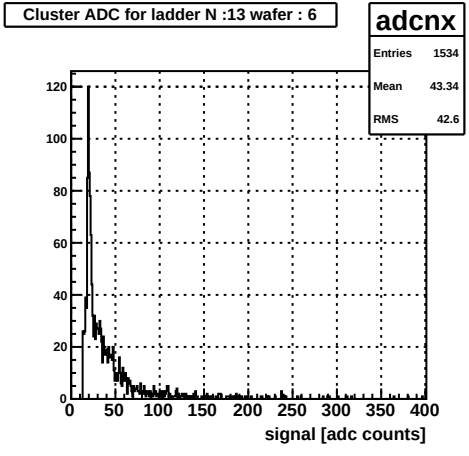

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1660
Mean 55.39
RMS 51.8
signal [adc counts]

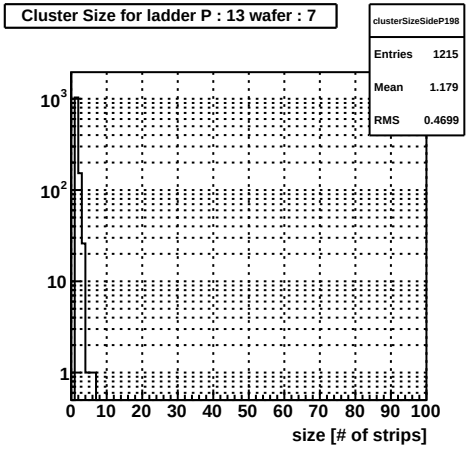

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 2229
Mean 1.145
RMS 0.4173
size [# of strips]

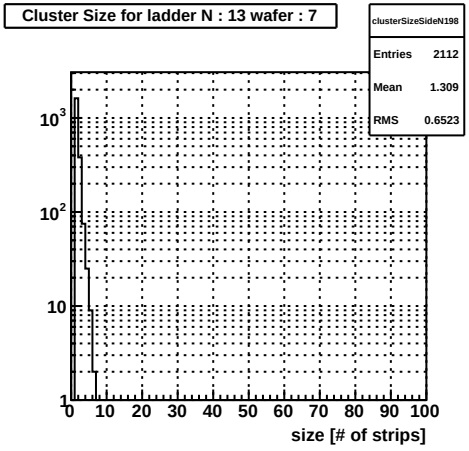

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1534
Mean 1.242
RMS 0.6134
size [# of strips]

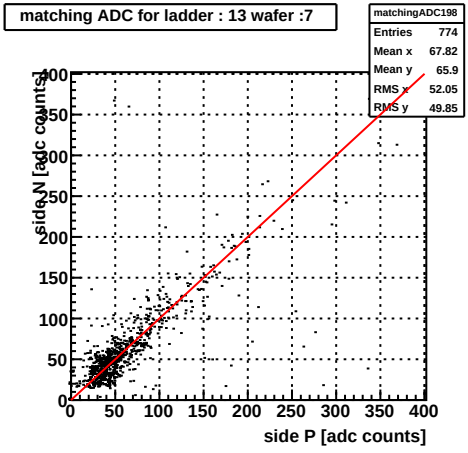

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 763
Mean x 61.68
Mean y 47.44
RMS x 47.37
RMS y 39.94
side N [adc counts]
side P [adc counts]

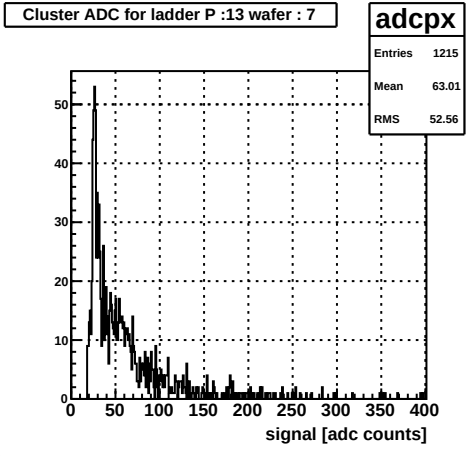

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 2229
Mean 45.7
RMS 43.46
signal [adc counts]

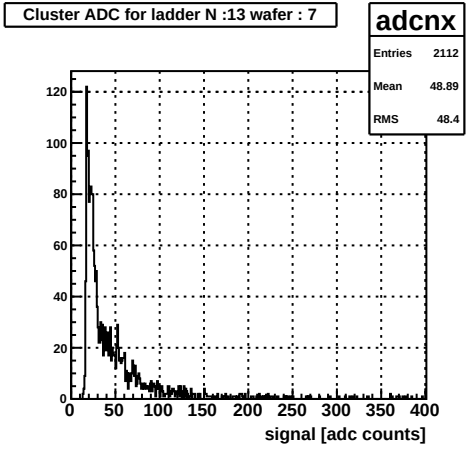

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1534
Mean 43.34
RMS 42.6
signal [adc counts]

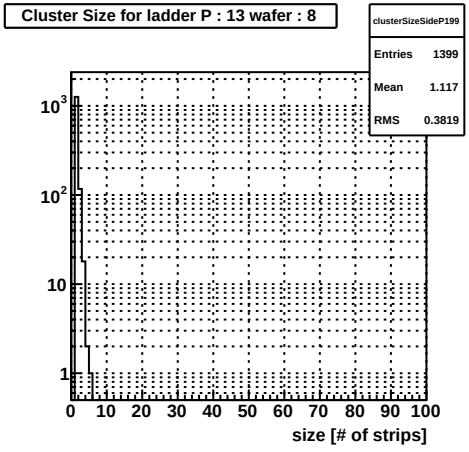

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1215
Mean 1.179
RMS 0.4699
size [# of strips]

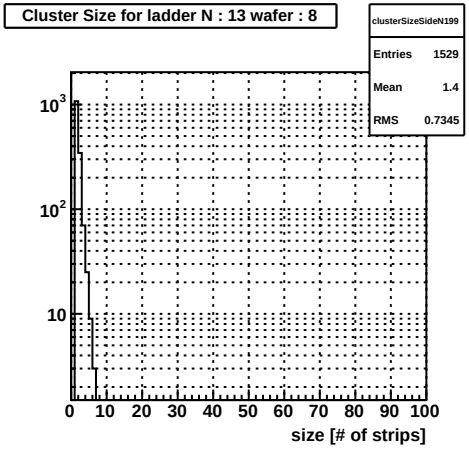

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2112
Mean 1.309
RMS 0.6523
size [# of strips]

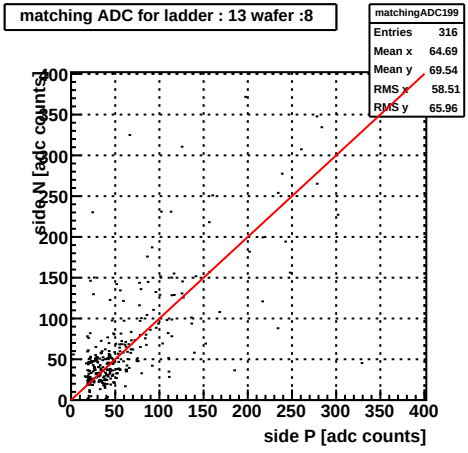

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 774
Mean x 67.82
Mean y 65.9
RMS x 52.05
RMS y 49.85
side N [adc counts]
side P [adc counts]

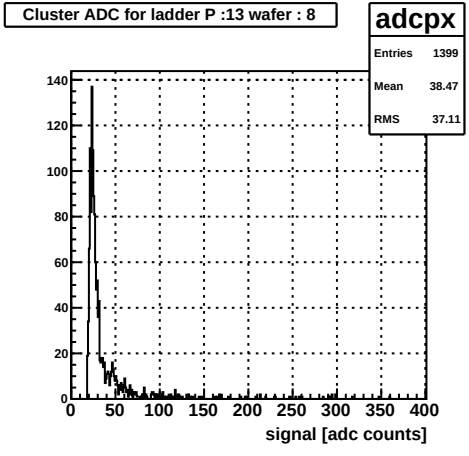

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1215
Mean 63.01
RMS 52.56
signal [adc counts]

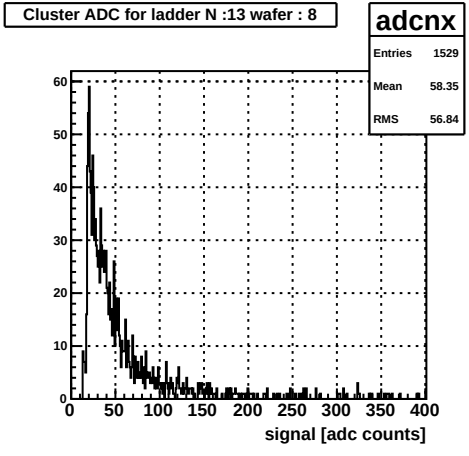

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2112
Mean 48.89
RMS 48.4
signal [adc counts]

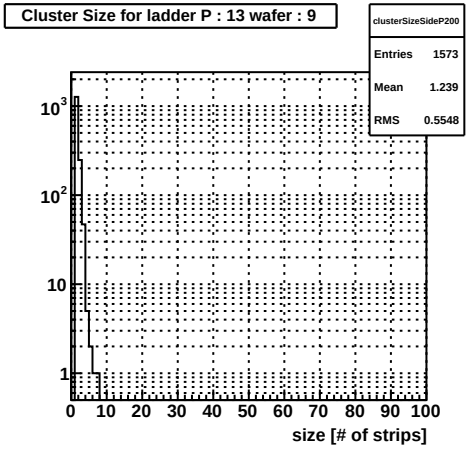

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 1399
Mean 1.117
RMS 0.3819
size [# of strips]

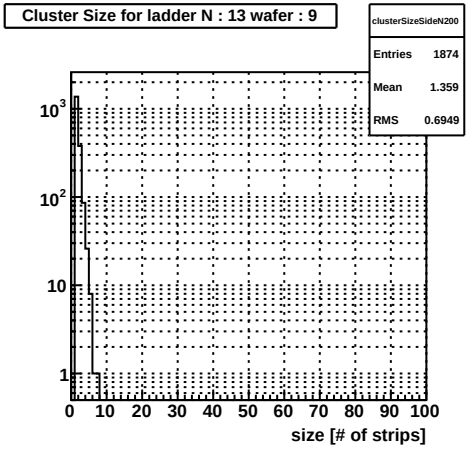

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1529
Mean 1.4
RMS 0.7345
size [# of strips]

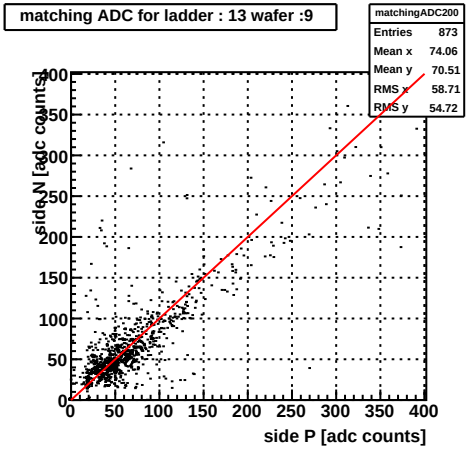

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 316
Mean x 64.69
Mean y 69.54
RMS x 58.51
RMS y 65.96
side N [adc counts]
side P [adc counts]

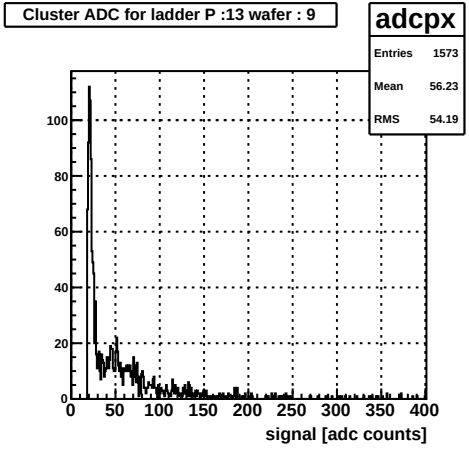

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 1399
Mean 38.47
RMS 37.11
signal [adc counts]

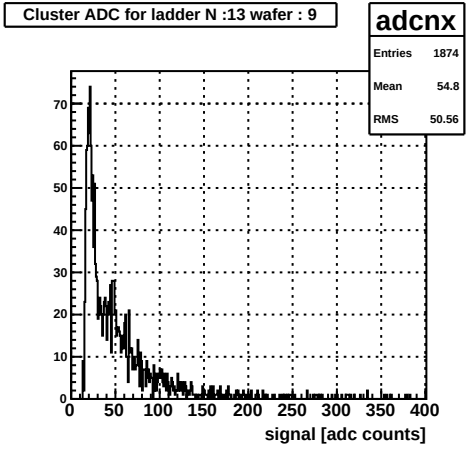

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1529
Mean 58.35
RMS 56.84
signal [adc counts]

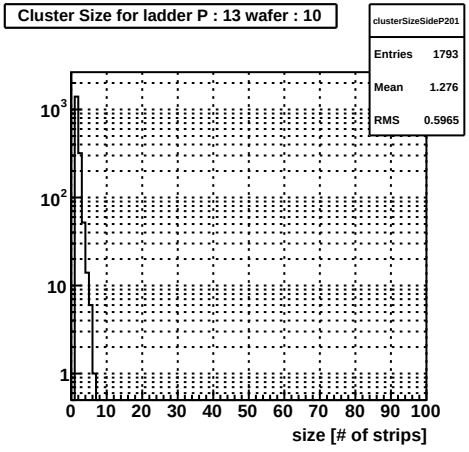

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1573
Mean 1.239
RMS 0.5548
size [# of strips]

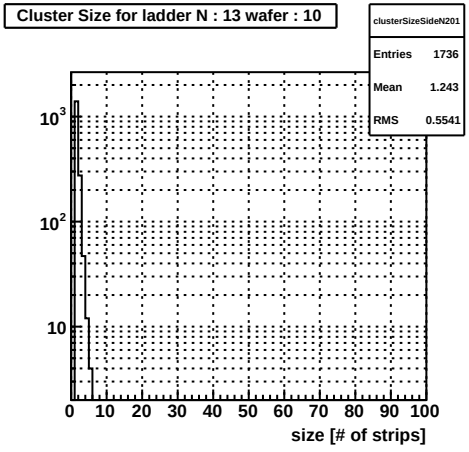

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 1874
Mean 1.359
RMS 0.6949
size [# of strips]

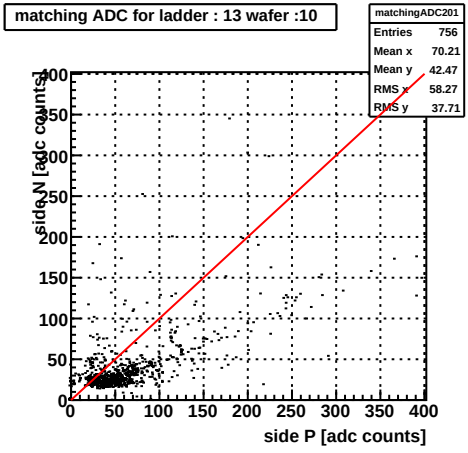

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 873
Mean x 74.06
Mean y 70.51
RMS x 58.71
RMS y 54.72
side N [adc counts]
side P [adc counts]

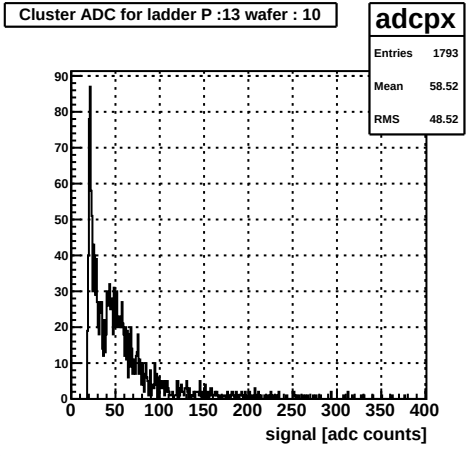

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1573
Mean 56.23
RMS 54.19
signal [adc counts]

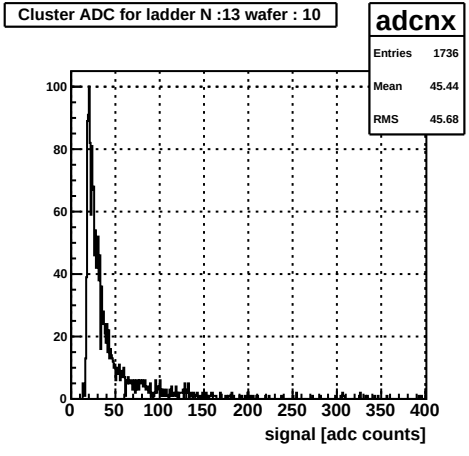

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 1874
Mean 54.8
RMS 50.56
signal [adc counts]

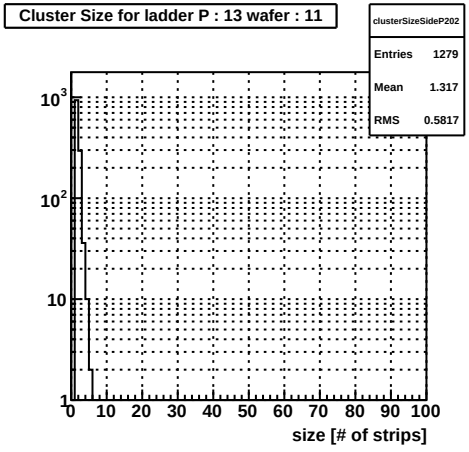

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1793
Mean 1.276
RMS 0.5965
size [# of strips]

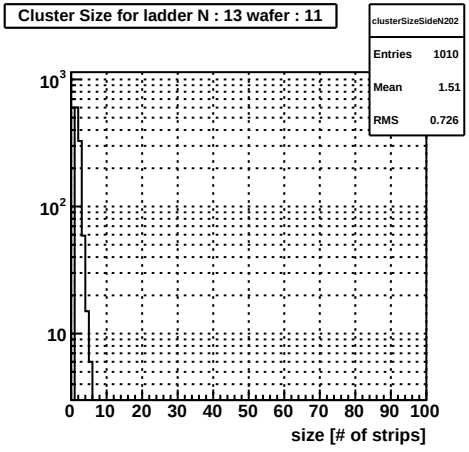

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1736
Mean 1.243
RMS 0.5541
size [# of strips]

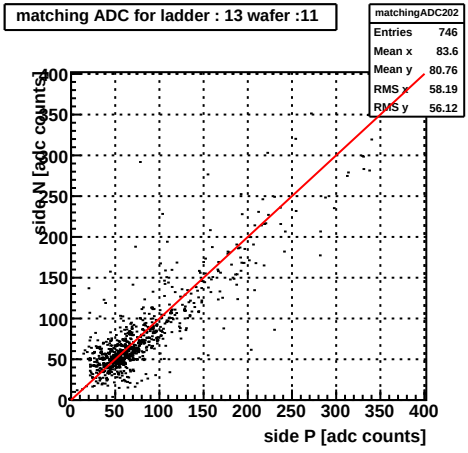

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 756
Mean x 70.21
Mean y 42.47
RMS x 58.27
RMS y 37.71
side N [adc counts]
side P [adc counts]

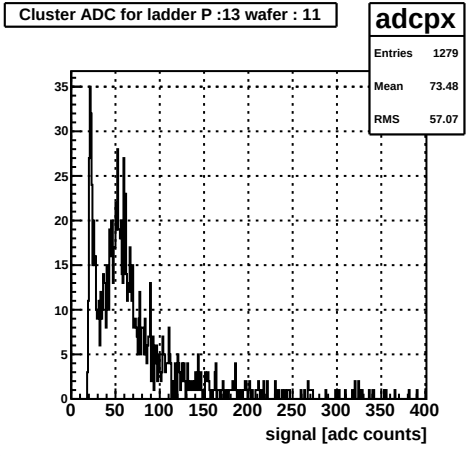

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1793
Mean 58.52
RMS 48.52
signal [adc counts]

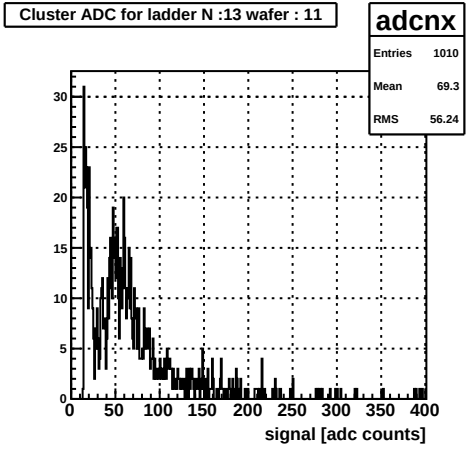

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1736
Mean 45.44
RMS 45.68
signal [adc counts]

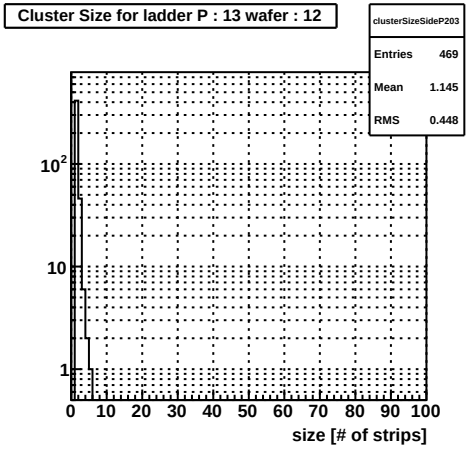

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1279
Mean 1.317
RMS 0.5817
size [# of strips]

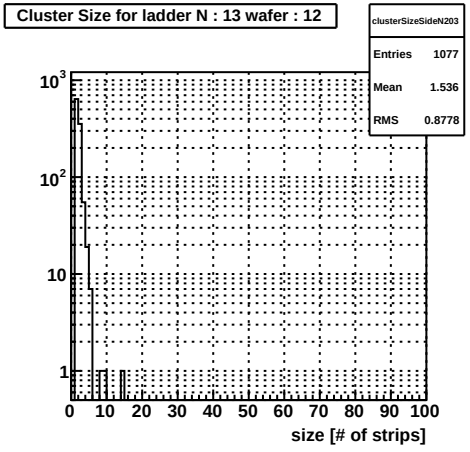

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1010
Mean 1.51
RMS 0.726
size [# of strips]

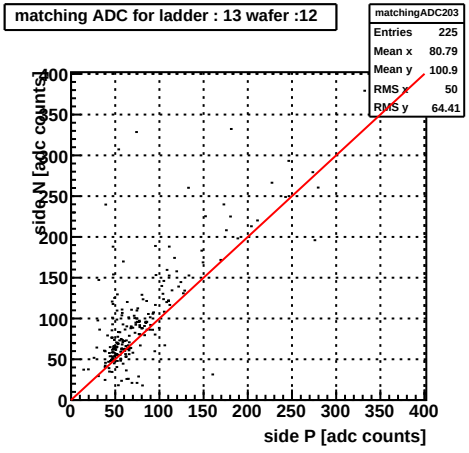

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 746
Mean x 83.6
Mean y 80.76
RMS x 58.19
RMS y 56.12
side N [adc counts]
side P [adc counts]

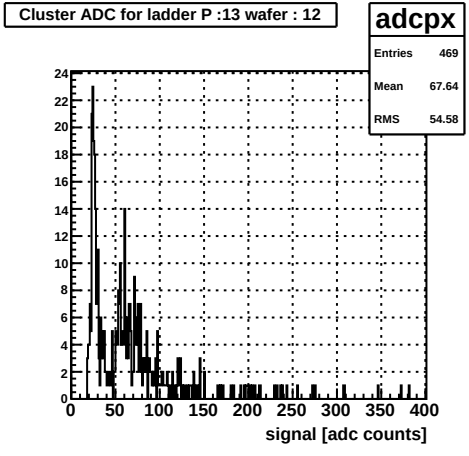

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1279
Mean 73.48
RMS 57.07
signal [adc counts]

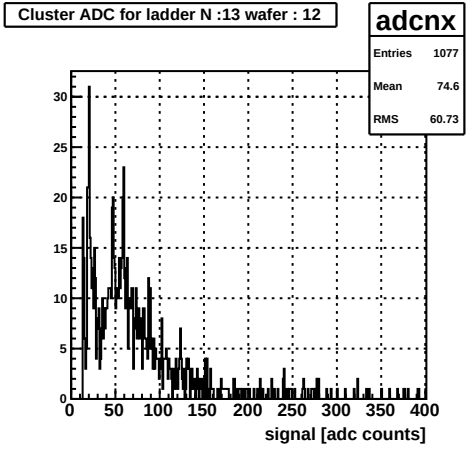

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1010
Mean 69.3
RMS 56.24
signal [adc counts]

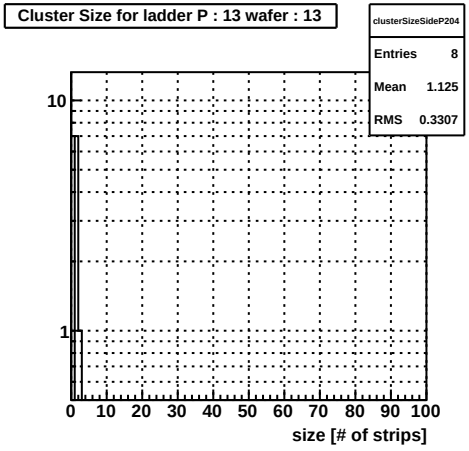

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 469
Mean 1.145
RMS 0.448
size [# of strips]

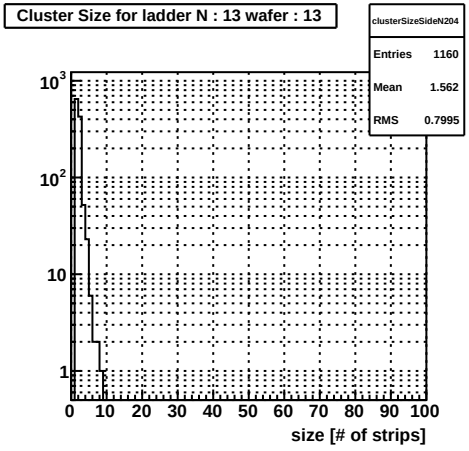

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1077
Mean 1.536
RMS 0.8778
size [# of strips]

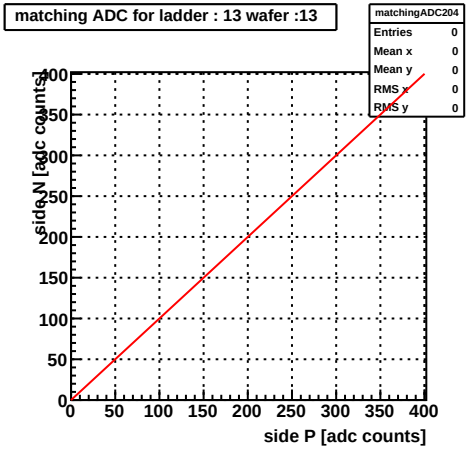

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 225
Mean x 80.79
Mean y 100.9
RMS x 50
RMS y 64.41
side N [adc counts]
side P [adc counts]

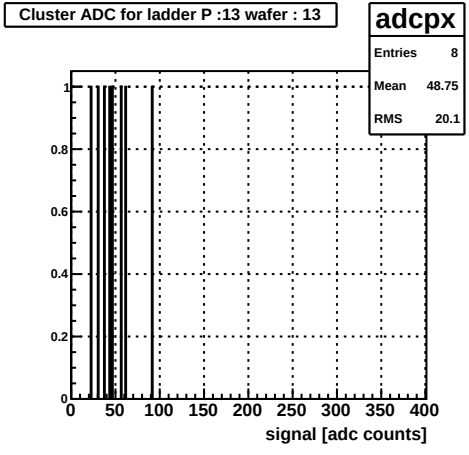

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 469
Mean 67.64
RMS 54.58
signal [adc counts]

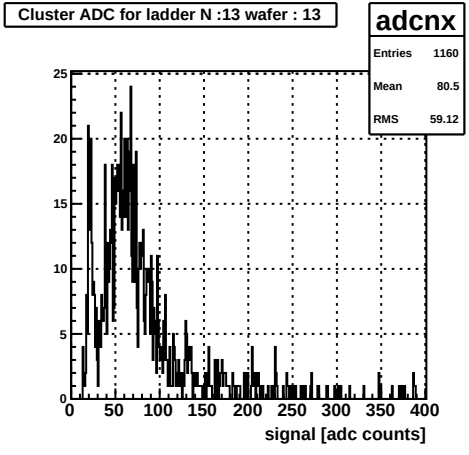

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1077
Mean 74.6
RMS 60.73
signal [adc counts]

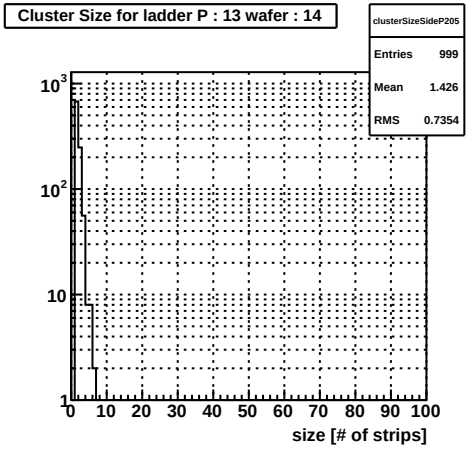

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

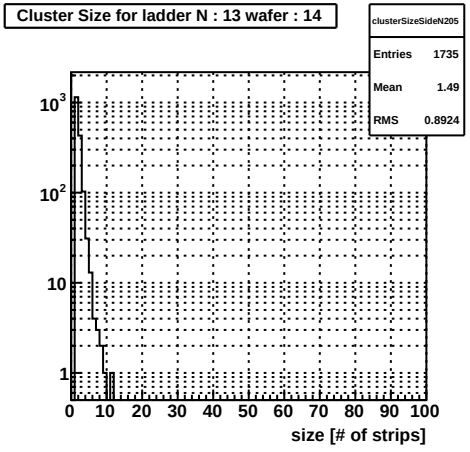

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1160
Mean 1.562
RMS 0.7995
size [# of strips]

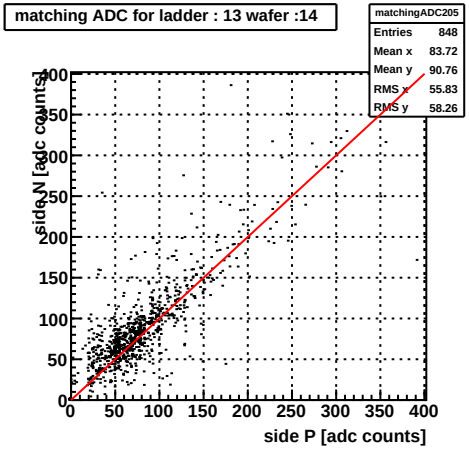

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

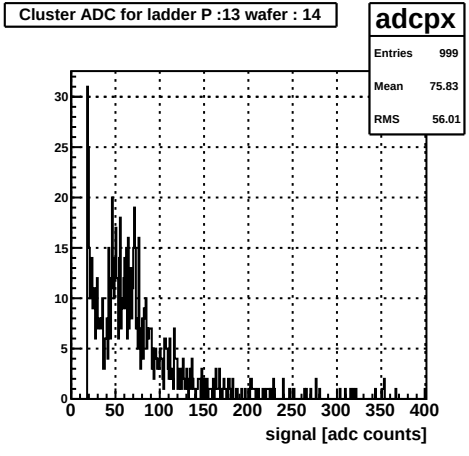

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 8
Mean 48.75
RMS 20.1
signal [adc counts]

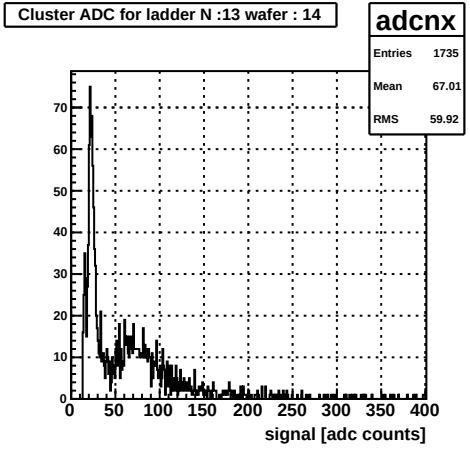

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1160
Mean 80.5
RMS 59.12
signal [adc counts]

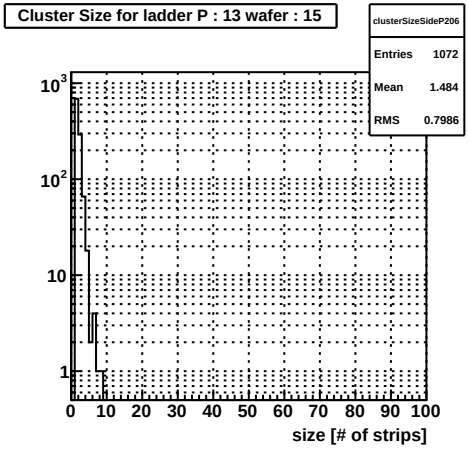

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 999
Mean 1.426
RMS 0.7354
size [# of strips]

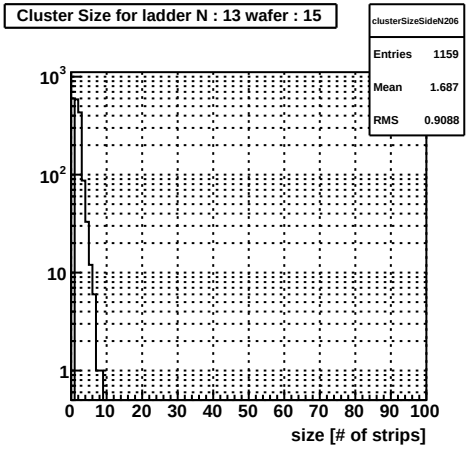

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 1735
Mean 1.49
RMS 0.8924
size [# of strips]

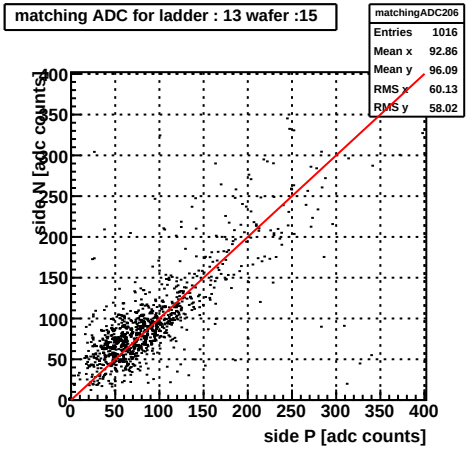

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 848
Mean x 83.72
Mean y 90.76
RMS x 55.83
RMS y 58.26
side N [adc counts]
side P [adc counts]

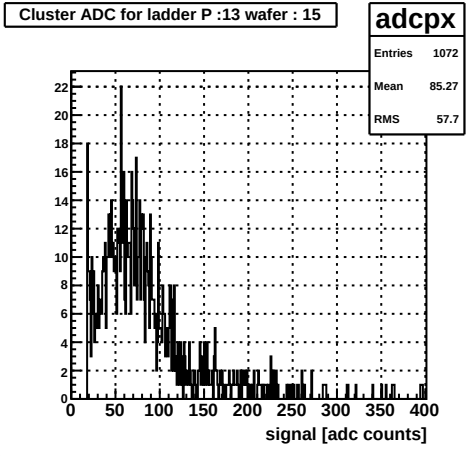

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 999
Mean 75.83
RMS 56.01
signal [adc counts]

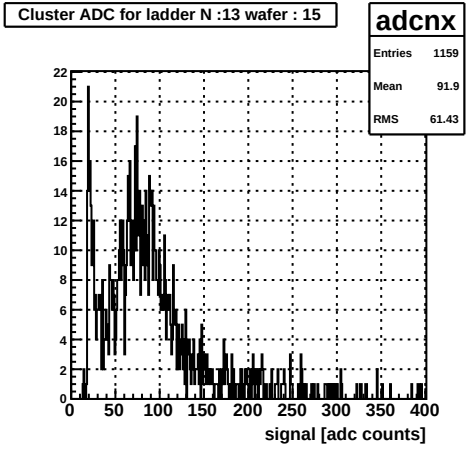

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 1735
Mean 67.01
RMS 59.92
signal [adc counts]

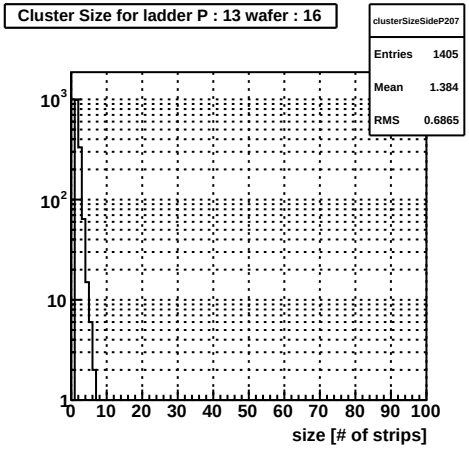

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1072
Mean 1.484
RMS 0.7986
size [# of strips]

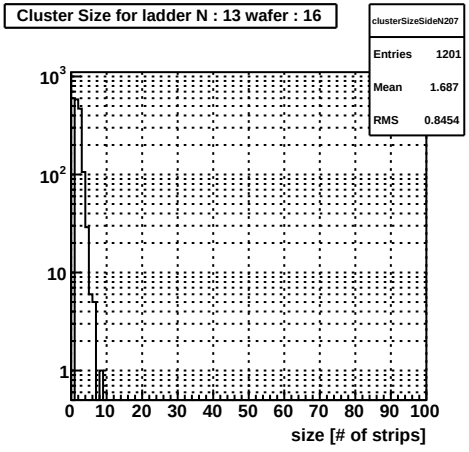

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1159
Mean 1.687
RMS 0.9088
size [# of strips]

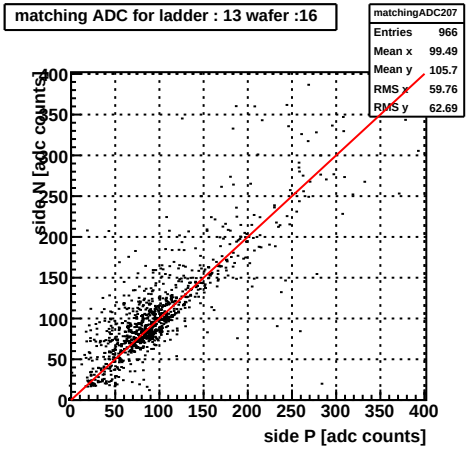

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1016
Mean x 92.86
Mean y 96.09
RMS x 60.13
RMS y 58.02
side N [adc counts]
side P [adc counts]

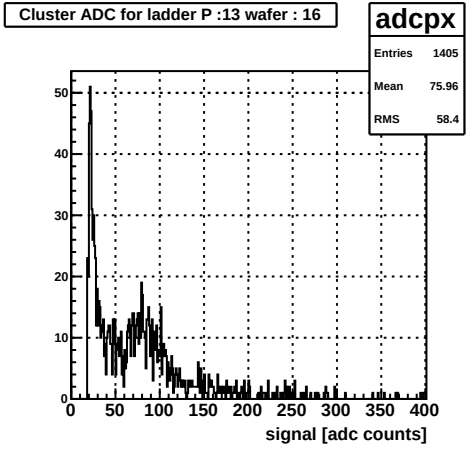

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1072
Mean 85.27
RMS 57.7
signal [adc counts]

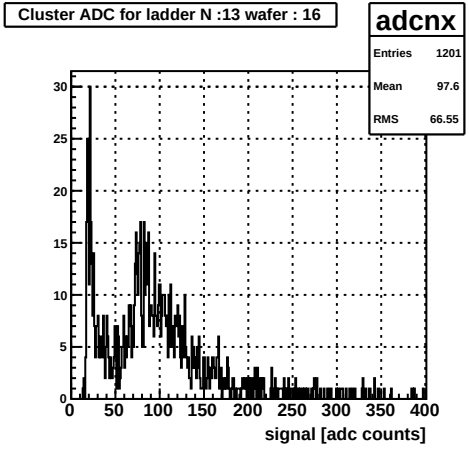

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1159
Mean 91.9
RMS 61.43
signal [adc counts]

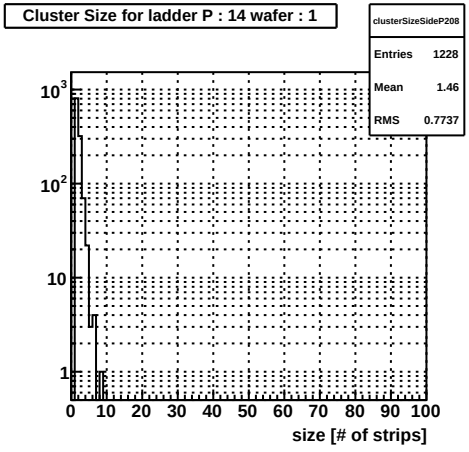

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1405
Mean 1.384
RMS 0.6865
size [# of strips]

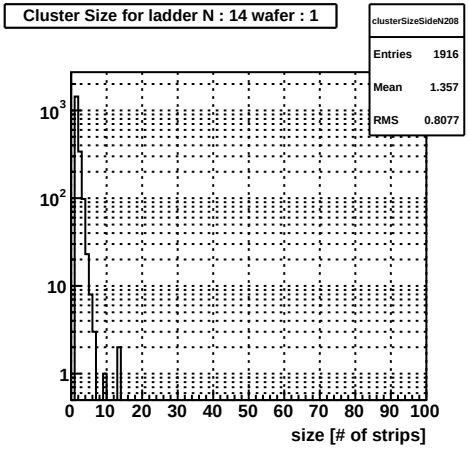

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1201
Mean 1.687
RMS 0.8454
size [# of strips]

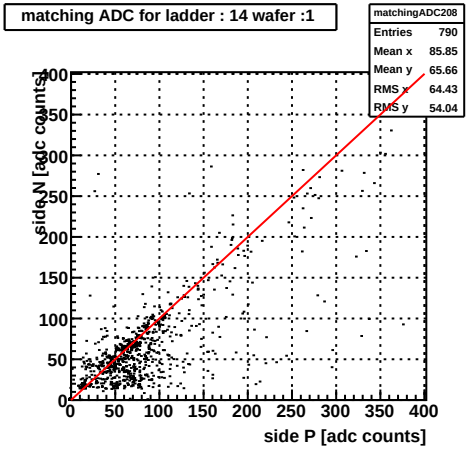

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 966
Mean x 99.49
Mean y 105.7
RMS x 59.76
RMS y 62.69
side N [adc counts]
side P [adc counts]

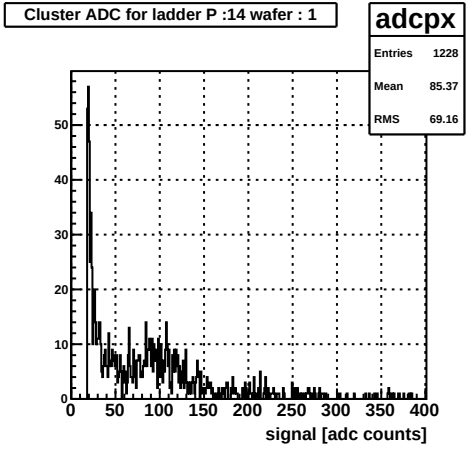

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1405
Mean 75.96
RMS 58.4
signal [adc counts]

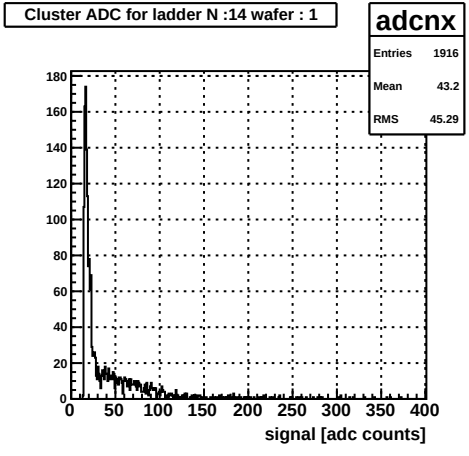

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1201
Mean 97.6
RMS 66.55
signal [adc counts]

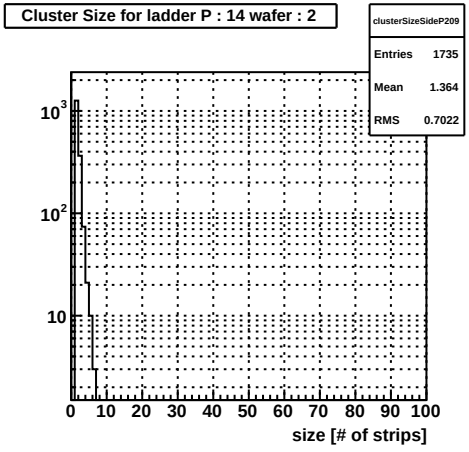

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1228
Mean 1.46
RMS 0.7737
size [# of strips]

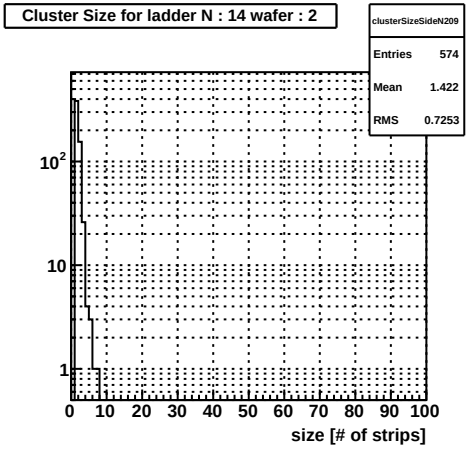

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 1916
Mean 1.357
RMS 0.8077
size [# of strips]

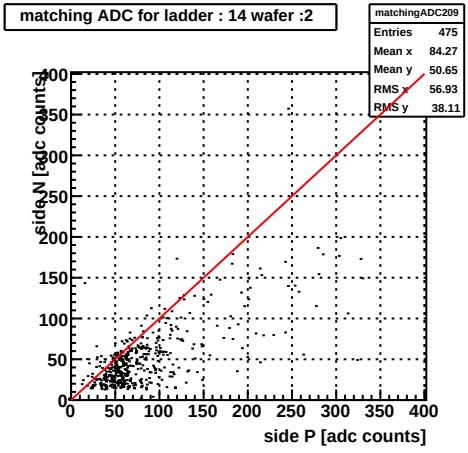

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 790
Mean x 85.85
Mean y 65.66
RMS x 64.43
RMS y 54.04
side N [adc counts]
side P [adc counts]

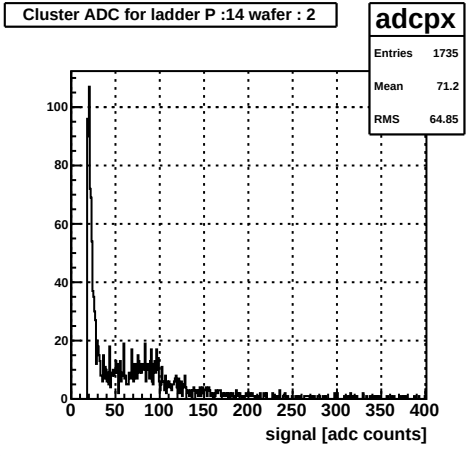

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1228
Mean 85.37
RMS 69.16
signal [adc counts]

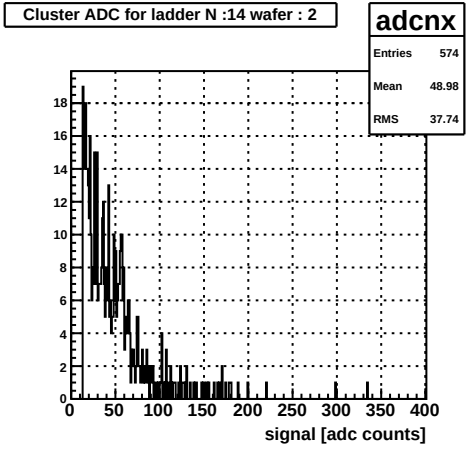

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 1916
Mean 43.2
RMS 45.29
signal [adc counts]

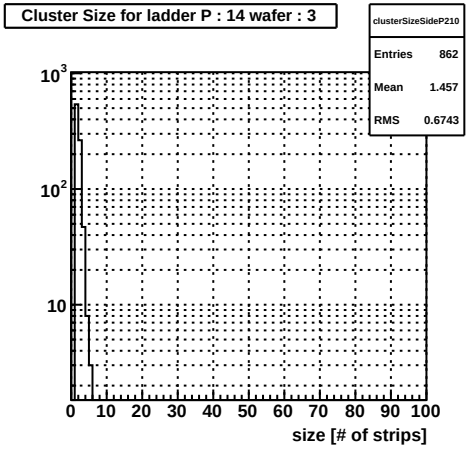

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 1735
Mean 1.364
RMS 0.7022
size [# of strips]

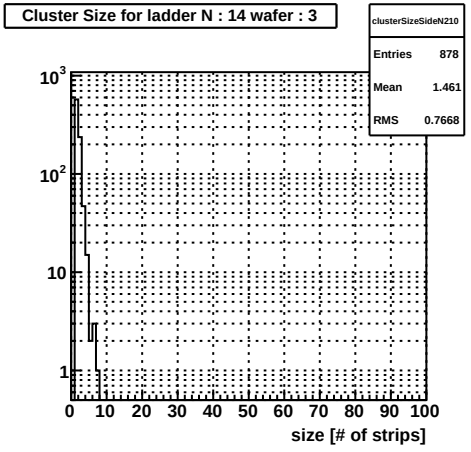

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 574
Mean 1.422
RMS 0.7253
size [# of strips]

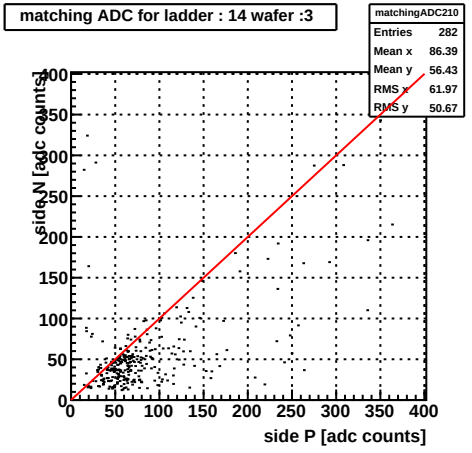

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 475
Mean x 84.27
Mean y 50.65
RMS x 56.93
RMS y 38.11
side N [adc counts]
side P [adc counts]

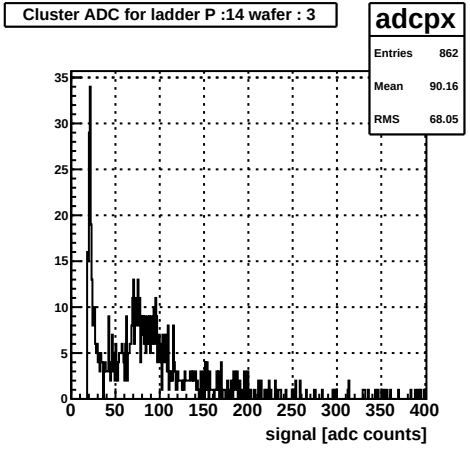

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 1735
Mean 71.2
RMS 64.85
signal [adc counts]

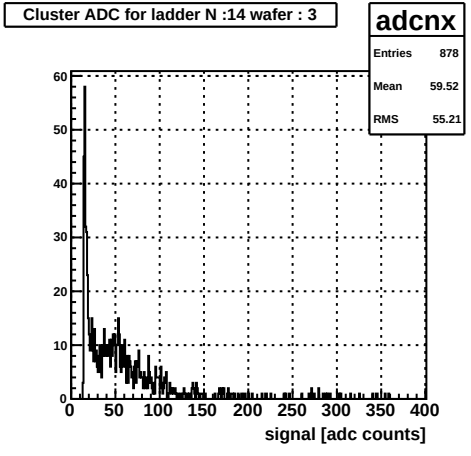

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 574
Mean 48.98
RMS 37.74
signal [adc counts]

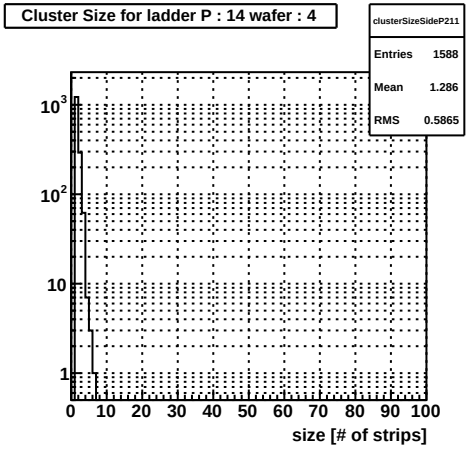

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 862
Mean 1.457
RMS 0.6743
size [# of strips]

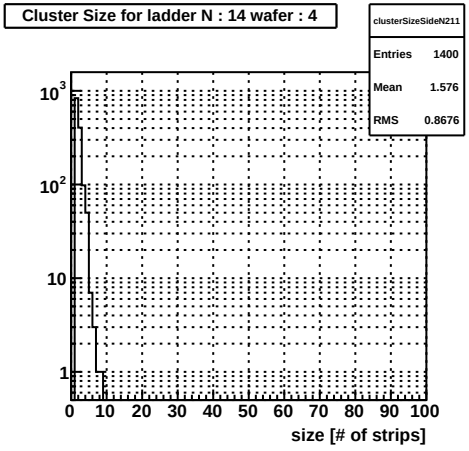

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 878
Mean 1.461
RMS 0.7668
size [# of strips]

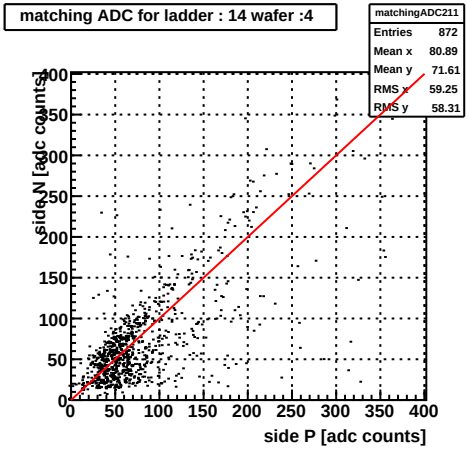

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 282
Mean x 86.39
Mean y 56.43
RMS x 61.97
RMS y 50.67
side N [adc counts]
side P [adc counts]

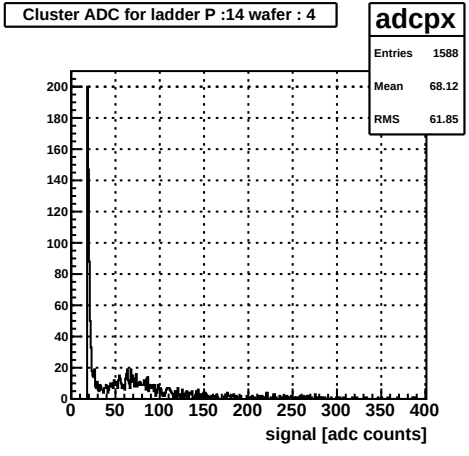

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 862
Mean 90.16
RMS 68.05
signal [adc counts]

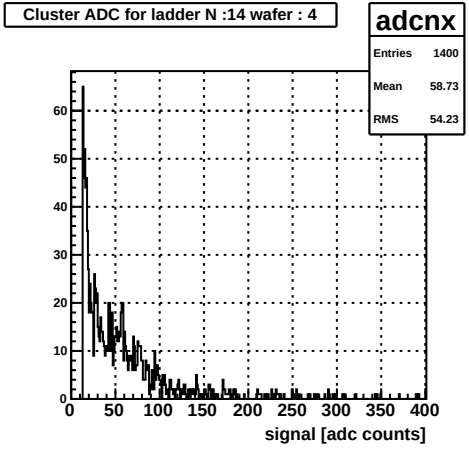

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 878
Mean 59.52
RMS 55.21
signal [adc counts]

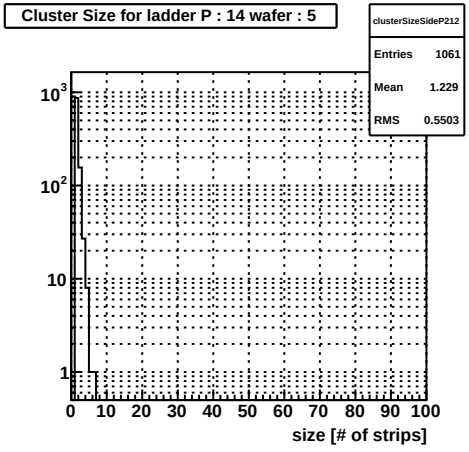

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1588
Mean 1.286
RMS 0.5865
size [# of strips]

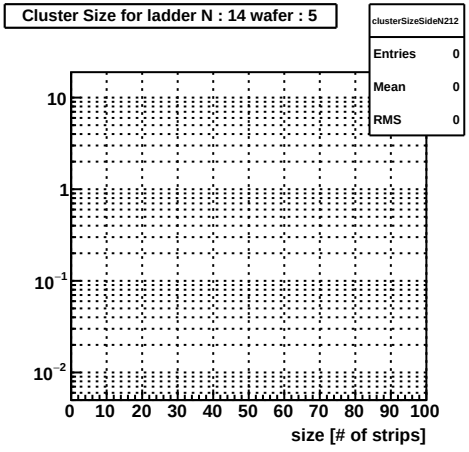

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1400
Mean 1.576
RMS 0.8676
size [# of strips]

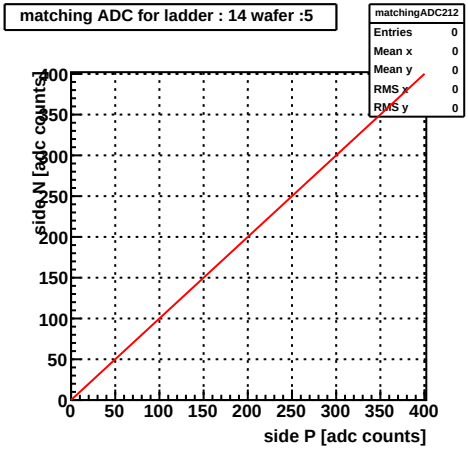

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 872
Mean x 80.89
Mean y 71.61
RMS x 59.25
RMS y 58.31
side N [adc counts]
side P [adc counts]

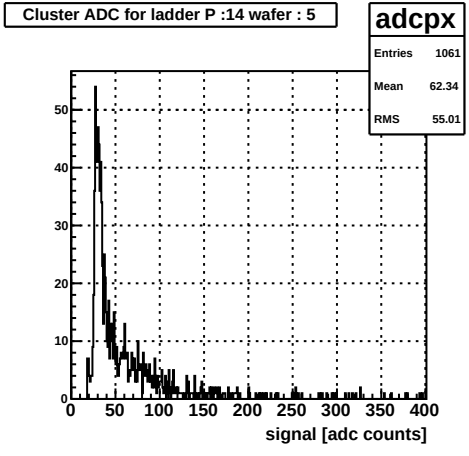

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1588
Mean 68.12
RMS 61.85
signal [adc counts]

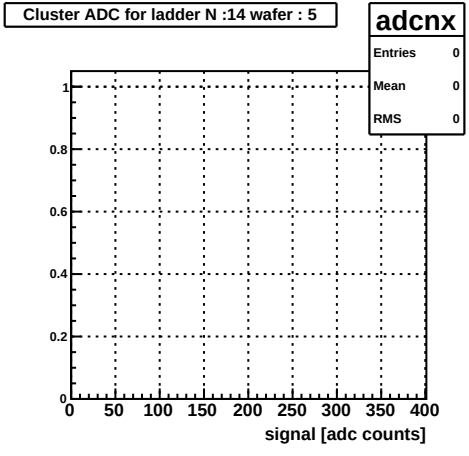

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1400
Mean 58.73
RMS 54.23
signal [adc counts]

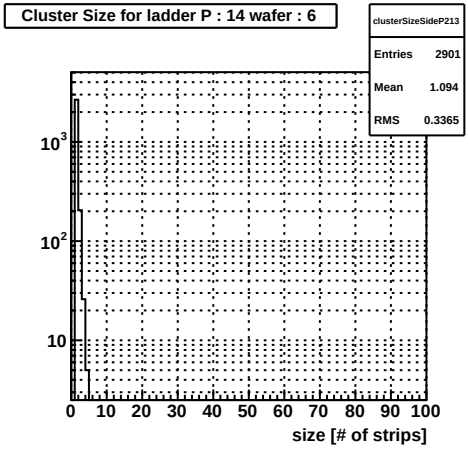

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1061
Mean 1.229
RMS 0.5503
size [# of strips]

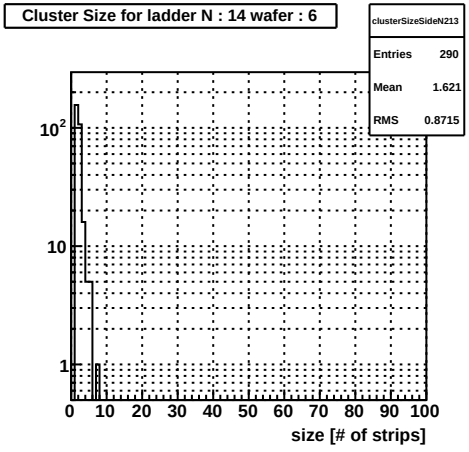

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

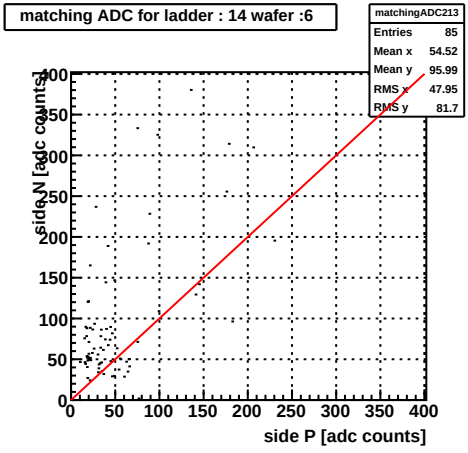

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

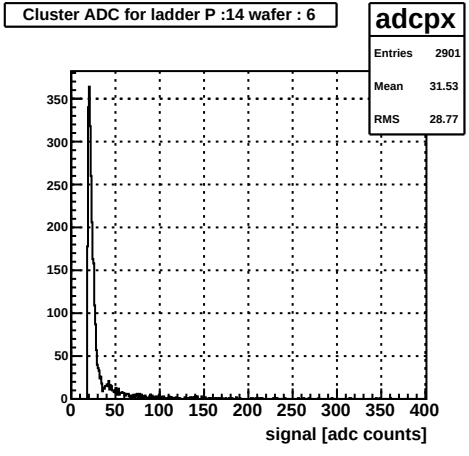

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1061
Mean 62.34
RMS 55.01
signal [adc counts]

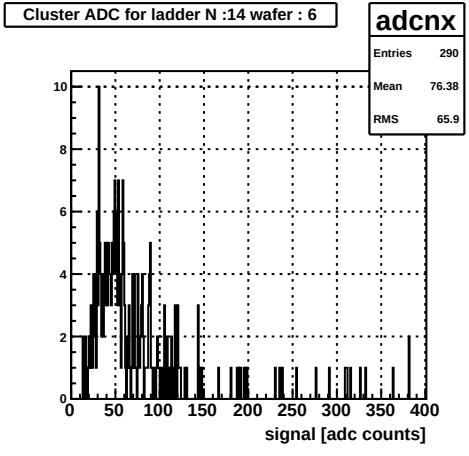

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

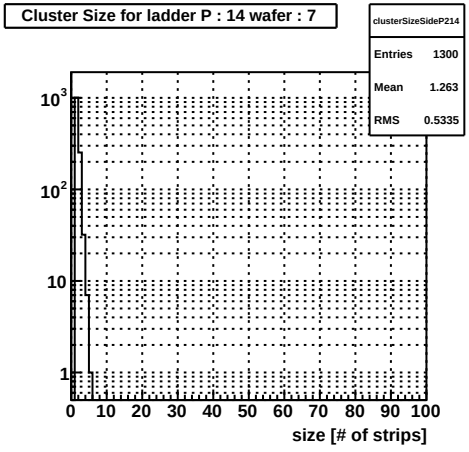

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 2901
Mean 1.094
RMS 0.3365
size [# of strips]

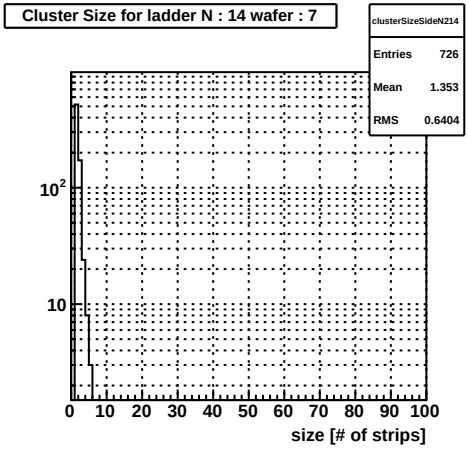

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 290
Mean 1.621
RMS 0.8715
size [# of strips]

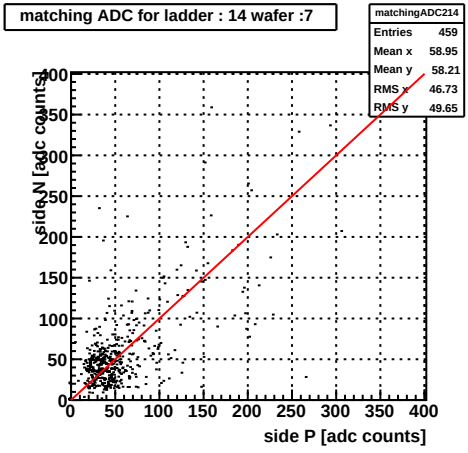

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 85
Mean x 54.52
Mean y 95.99
RMS x 47.95
RMS y 81.7
side N [adc counts]
side P [adc counts]

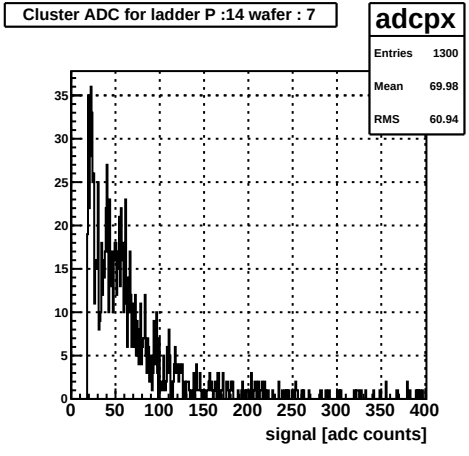

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 2901
Mean 31.53
RMS 28.77
signal [adc counts]

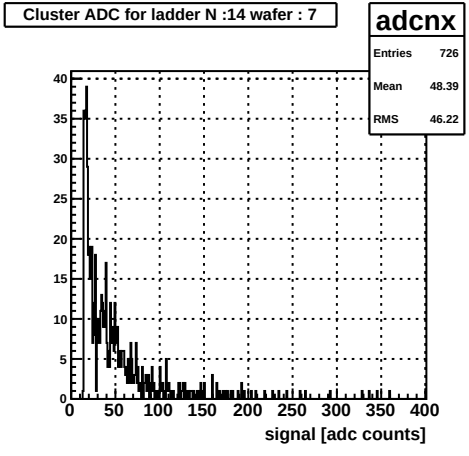

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 290
Mean 76.38
RMS 65.9
signal [adc counts]

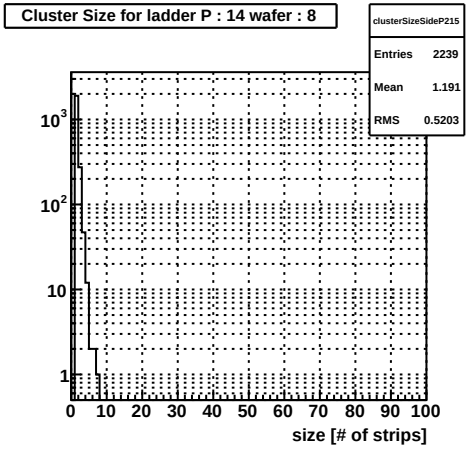

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1300
Mean 1.263
RMS 0.5335
size [# of strips]

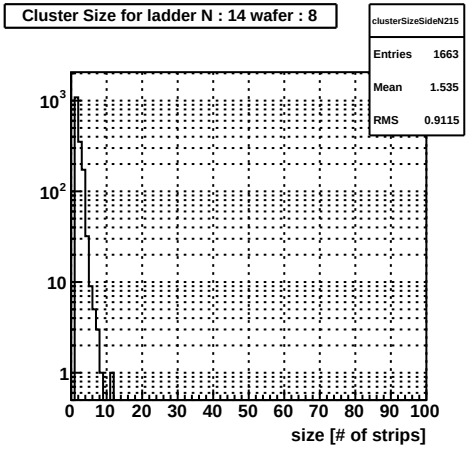

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 726
Mean 1.353
RMS 0.6404
size [# of strips]

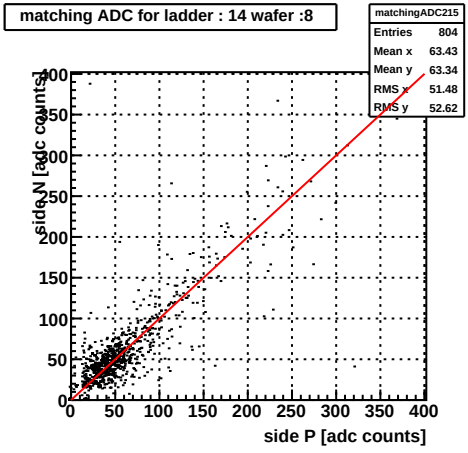

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 459
Mean x 58.95
Mean y 58.21
RMS x 46.73
RMS y 49.65
side N [adc counts]
side P [adc counts]

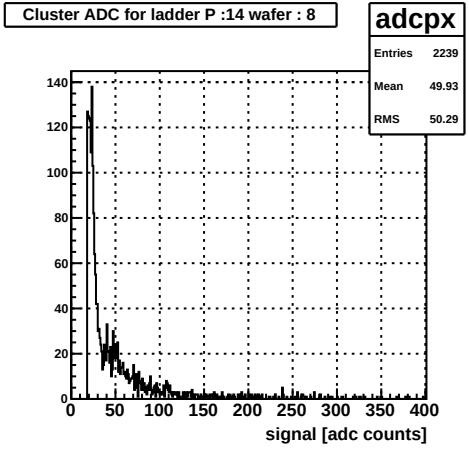

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1300
Mean 69.98
RMS 60.94
signal [adc counts]

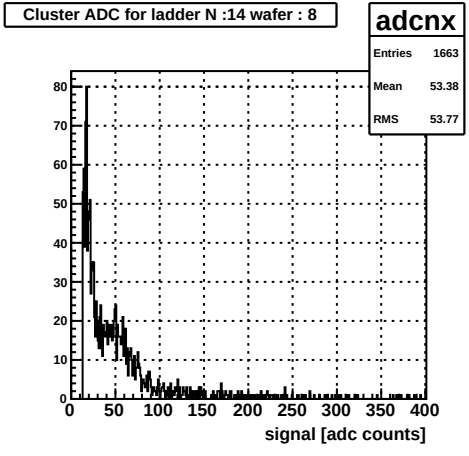

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 726
Mean 48.39
RMS 46.22
signal [adc counts]

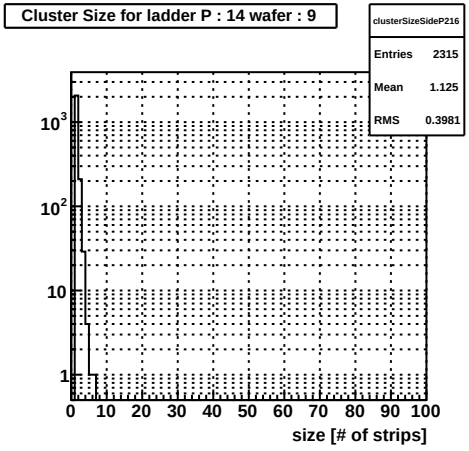

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2239
Mean 1.191
RMS 0.5203
size [# of strips]

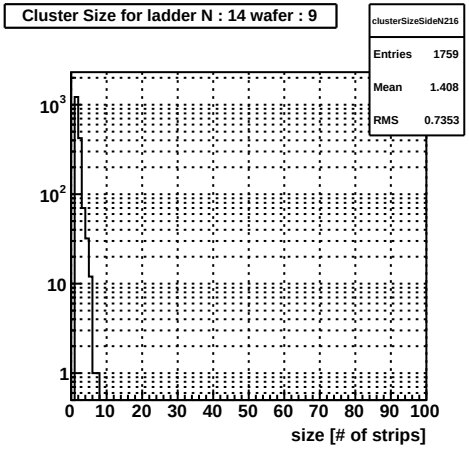

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1663
Mean 1.535
RMS 0.9115
size [# of strips]

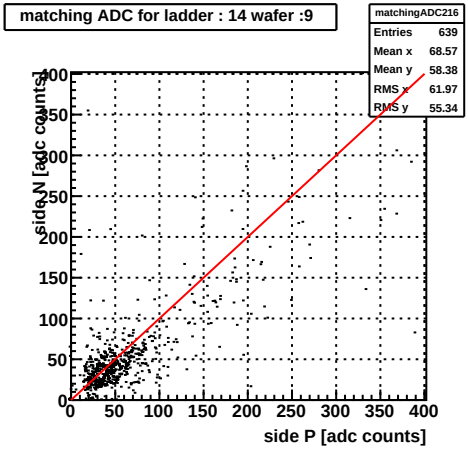

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 804
Mean x 63.43
Mean y 63.34
RMS x 51.48
RMS y 52.62
side N [adc counts]
side P [adc counts]

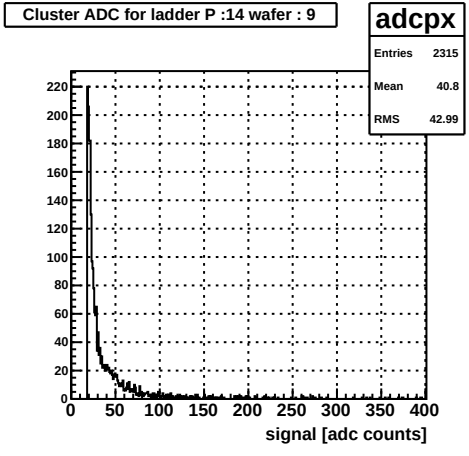

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2239
Mean 49.93
RMS 50.29
signal [adc counts]

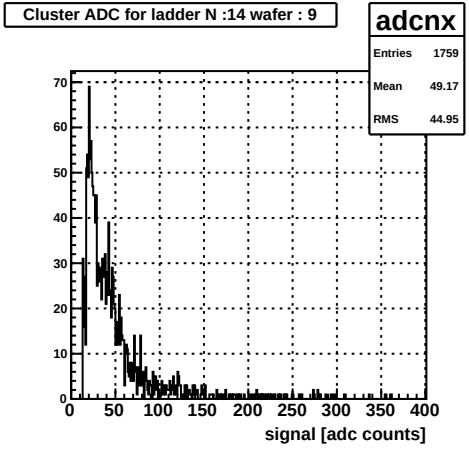

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1663
Mean 53.38
RMS 53.77
signal [adc counts]

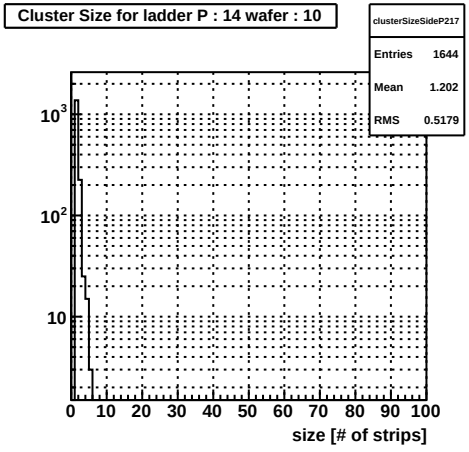

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 2315
Mean 1.125
RMS 0.3981
size [# of strips]

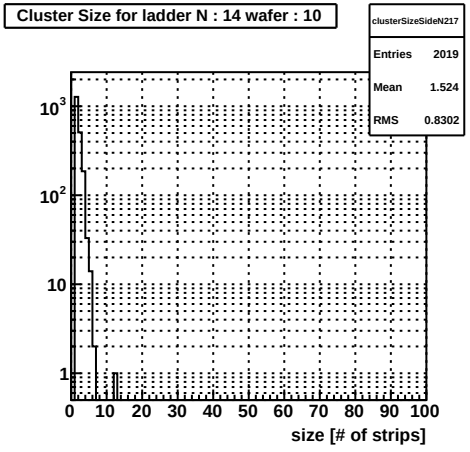

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 1759
Mean 1.408
RMS 0.7353
size [# of strips]

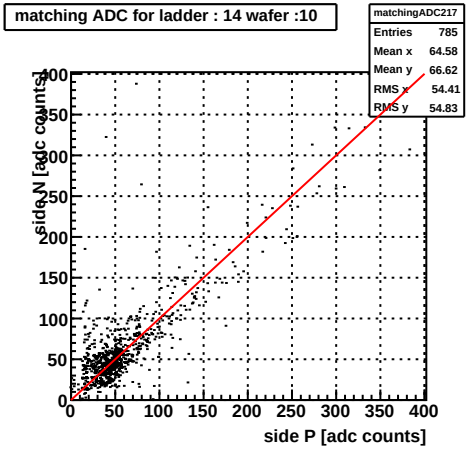

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 639
Mean x 68.57
Mean y 58.38
RMS x 61.97
RMS y 55.34
side N [adc counts]
side P [adc counts]

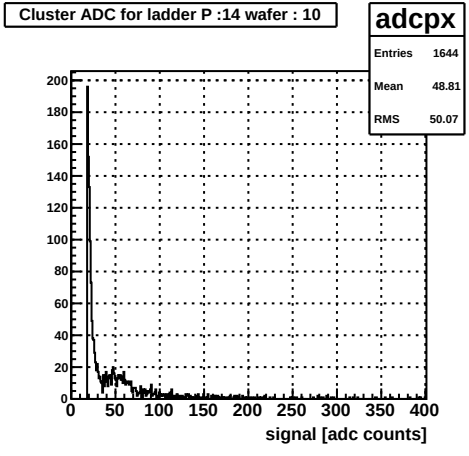

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 2315
Mean 40.8
RMS 42.99
signal [adc counts]

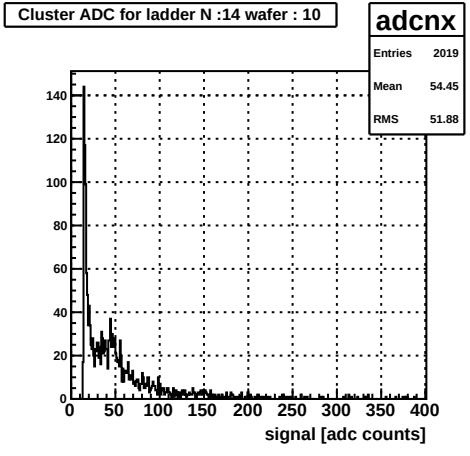

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 1759
Mean 49.17
RMS 44.95
signal [adc counts]

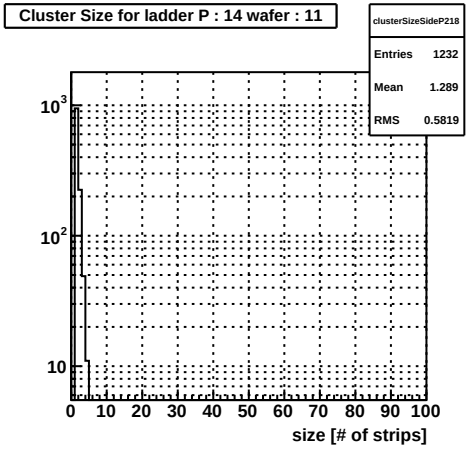

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 1644
Mean 1.202
RMS 0.5179
size [# of strips]

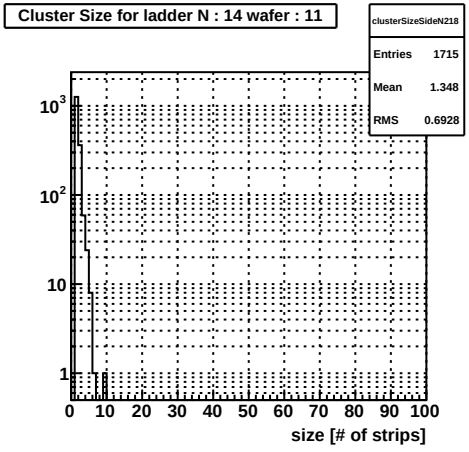

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2019
Mean 1.524
RMS 0.8302
size [# of strips]

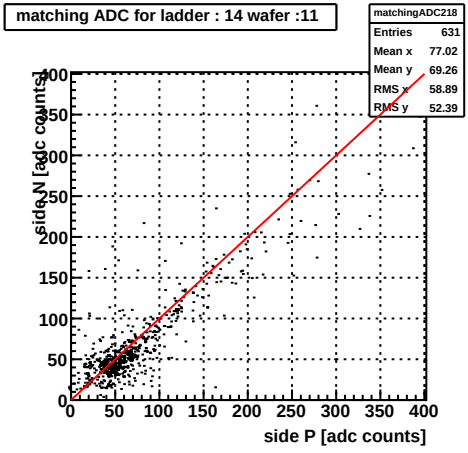

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 785
Mean x 64.58
Mean y 66.62
RMS x 54.41
RMS y 54.83
side N [adc counts]
side P [adc counts]

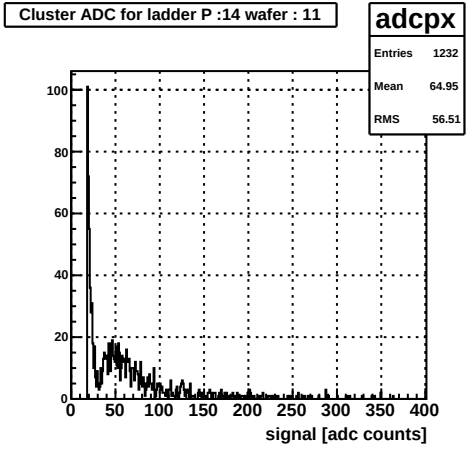

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 1644
Mean 48.81
RMS 50.07
signal [adc counts]

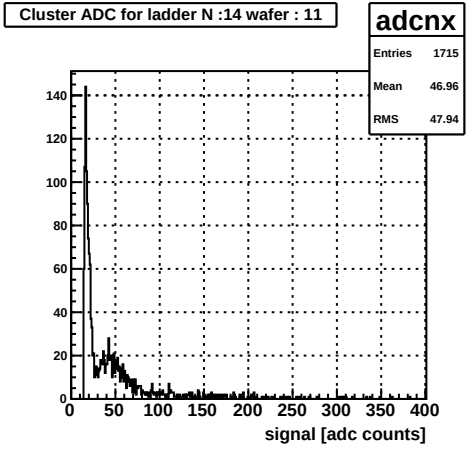

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2019
Mean 54.45
RMS 51.88
signal [adc counts]

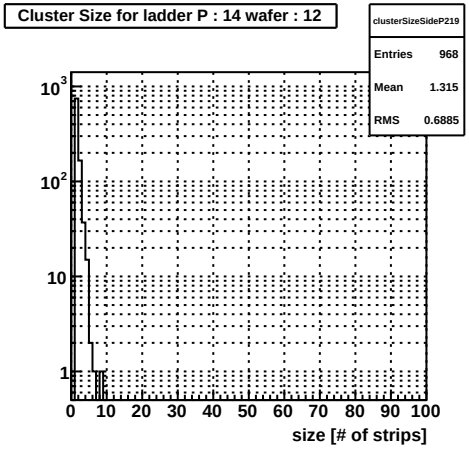

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1232
Mean 1.289
RMS 0.5819
size [# of strips]

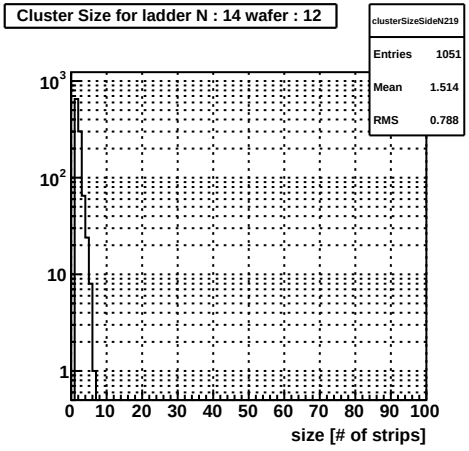

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 1715
Mean 1.348
RMS 0.6928
size [# of strips]

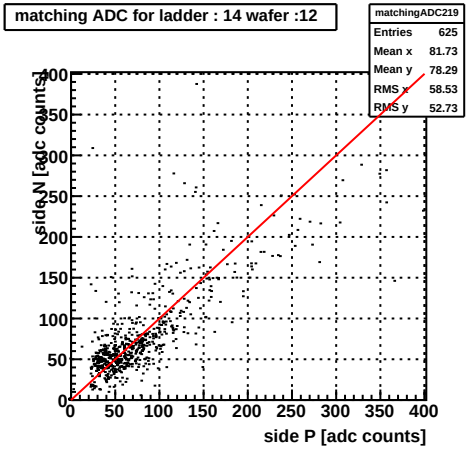

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 631
Mean x 77.02
Mean y 69.26
RMS x 58.89
RMS y 52.39
side N [adc counts]
side P [adc counts]

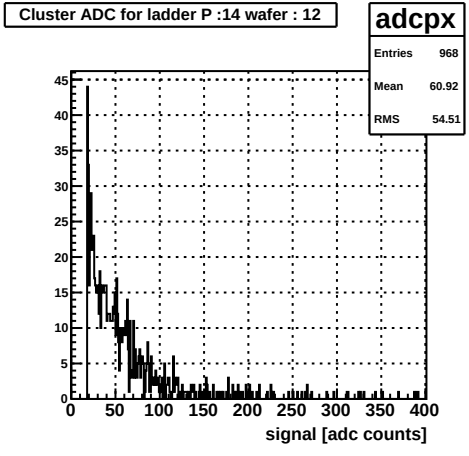

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1232
Mean 64.95
RMS 56.51
signal [adc counts]

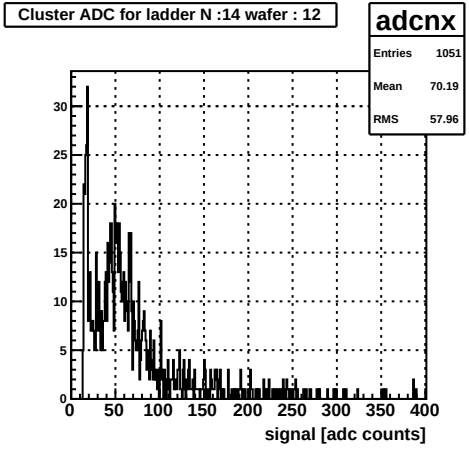

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 1715
Mean 46.96
RMS 47.94
signal [adc counts]

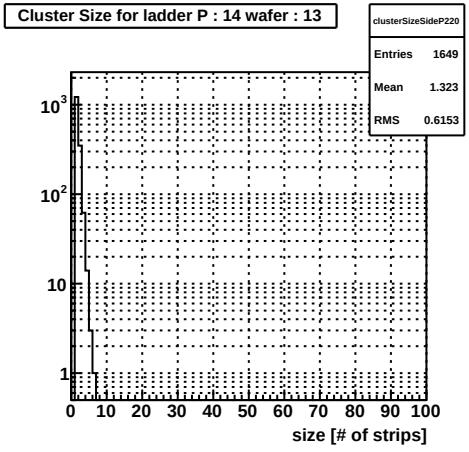

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 968
Mean 1.315
RMS 0.6885
size [# of strips]

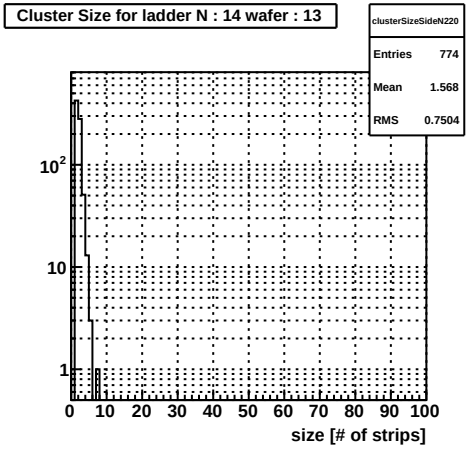

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1051
Mean 1.514
RMS 0.788
size [# of strips]

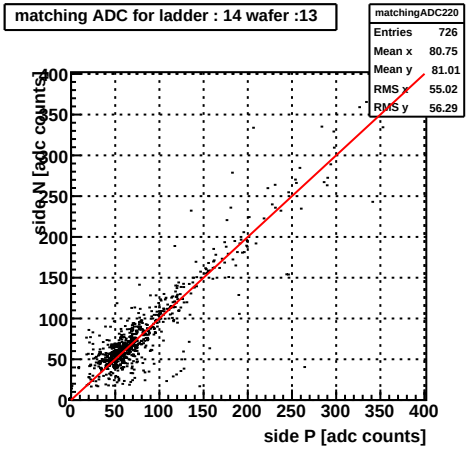

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 625
Mean x 81.73
Mean y 78.29
RMS x 58.53
RMS y 52.73
side N [adc counts]
side P [adc counts]

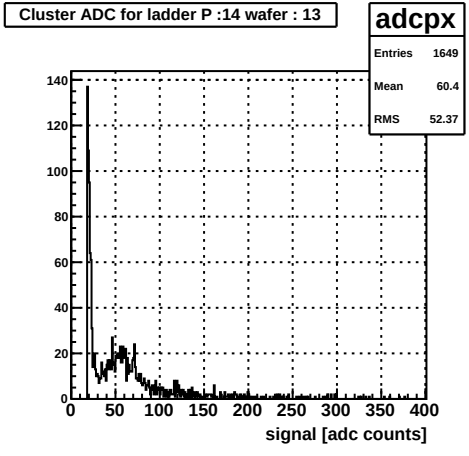

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 968
Mean 60.92
RMS 54.51
signal [adc counts]

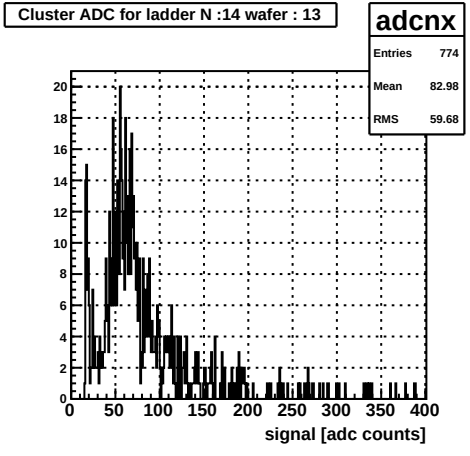

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1051
Mean 70.19
RMS 57.96
signal [adc counts]

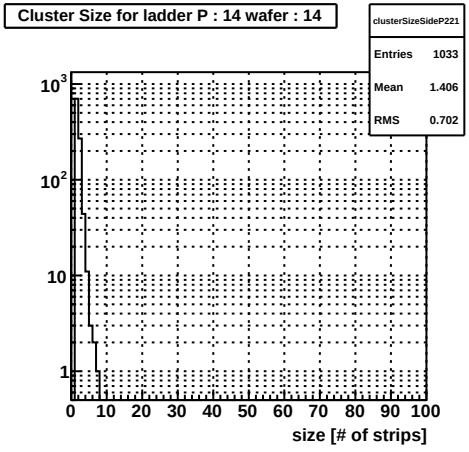

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 1649
Mean 1.323
RMS 0.6153
size [# of strips]

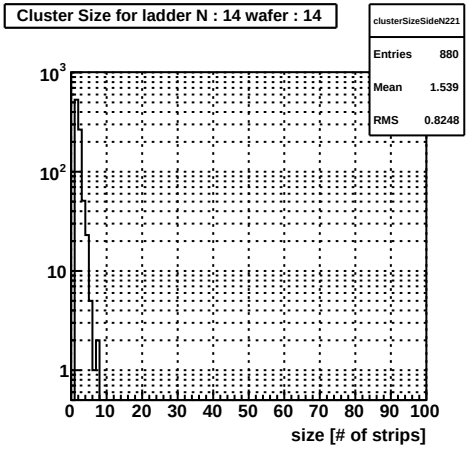

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 774
Mean 1.568
RMS 0.7504
size [# of strips]

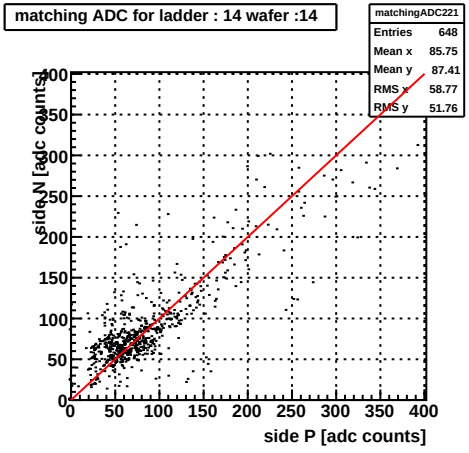

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 726
Mean x 80.75
Mean y 81.01
RMS x 55.02
RMS y 56.29
side N [adc counts]
side P [adc counts]

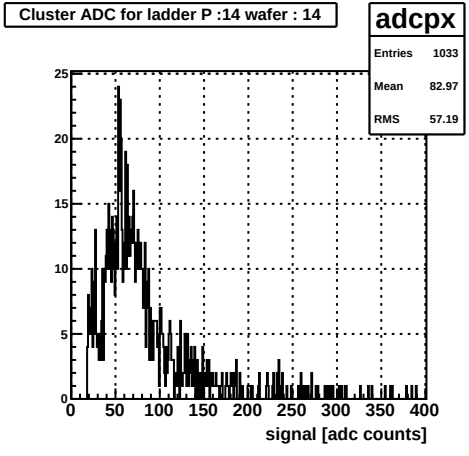

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 1649
Mean 60.4
RMS 52.37
signal [adc counts]

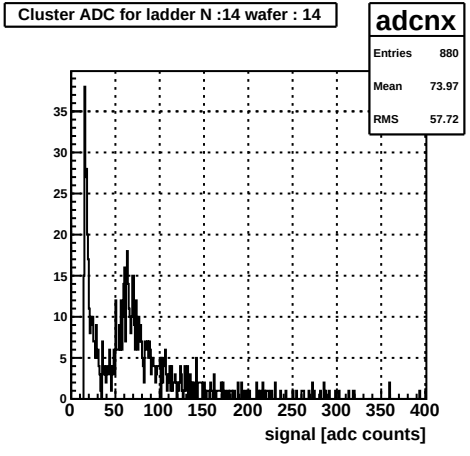

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 774
Mean 82.98
RMS 59.68
signal [adc counts]

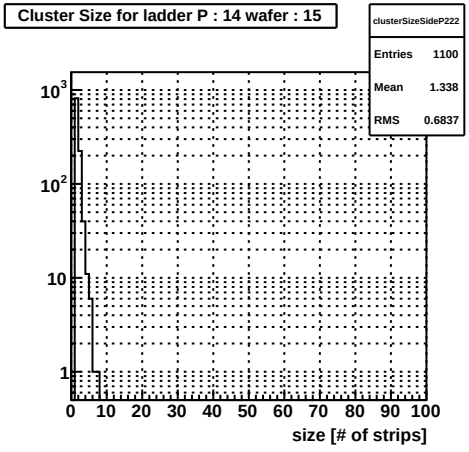

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1033
Mean 1.406
RMS 0.702
size [# of strips]

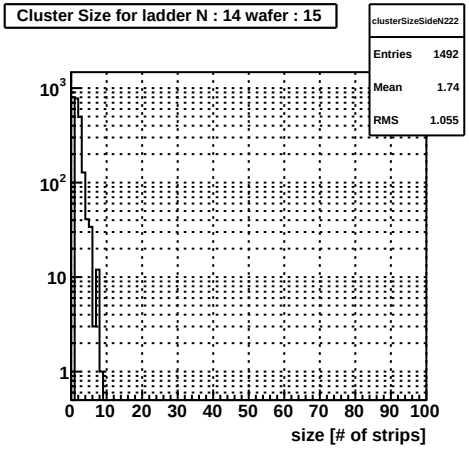

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 880
Mean 1.539
RMS 0.8248
size [# of strips]

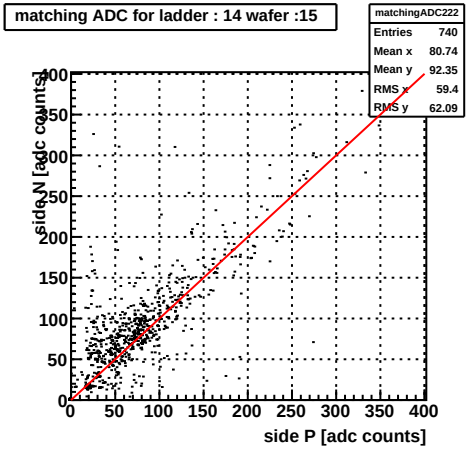

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 648
Mean x 85.75
Mean y 87.41
RMS x 58.77
RMS y 51.76
side N [adc counts]
side P [adc counts]

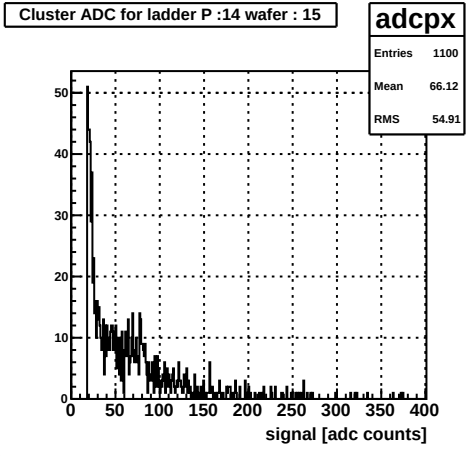

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1033
Mean 82.97
RMS 57.19
signal [adc counts]

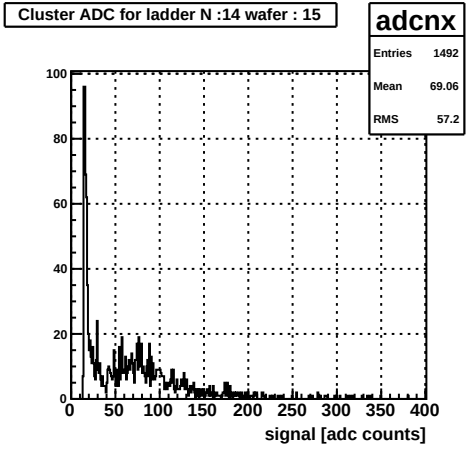

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 880
Mean 73.97
RMS 57.72
signal [adc counts]

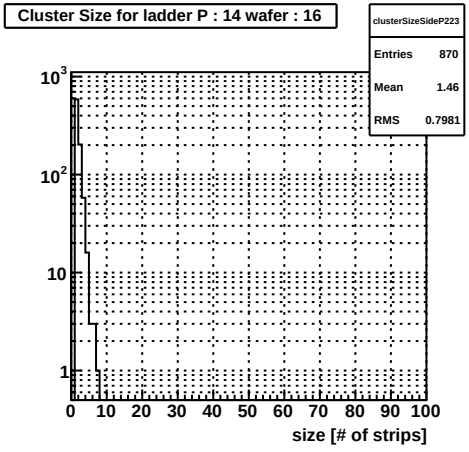

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1100
Mean 1.338
RMS 0.6837
size [# of strips]

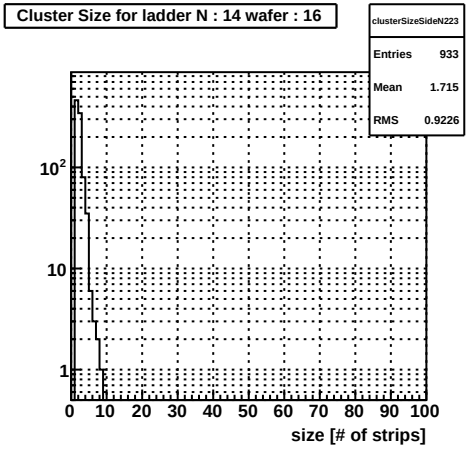

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1492
Mean 1.74
RMS 1.055
size [# of strips]

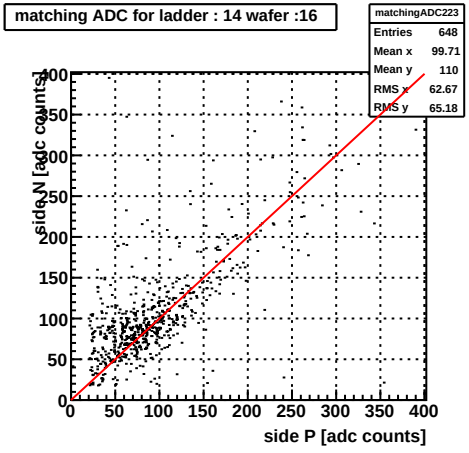

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 740
Mean x 80.74
Mean y 92.35
RMS x 59.4
RMS y 62.09
side N [adc counts]
side P [adc counts]

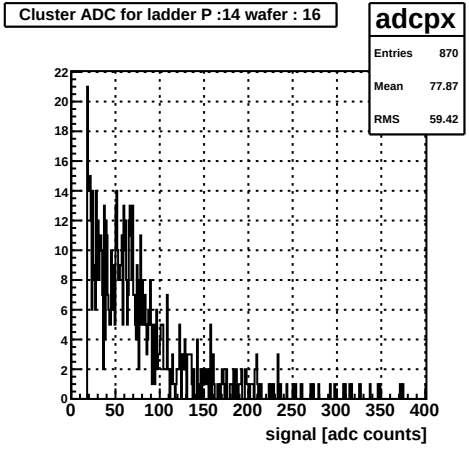

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1100
Mean 66.12
RMS 54.91
signal [adc counts]

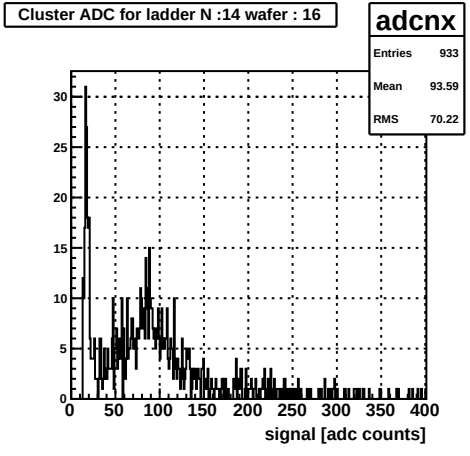

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1492
Mean 69.06
RMS 57.2
signal [adc counts]

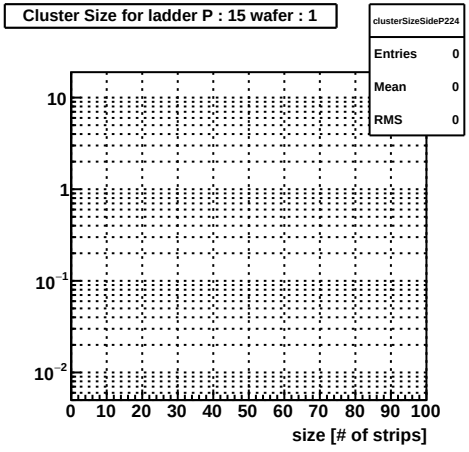

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 870
Mean 1.46
RMS 0.7981
size [# of strips]

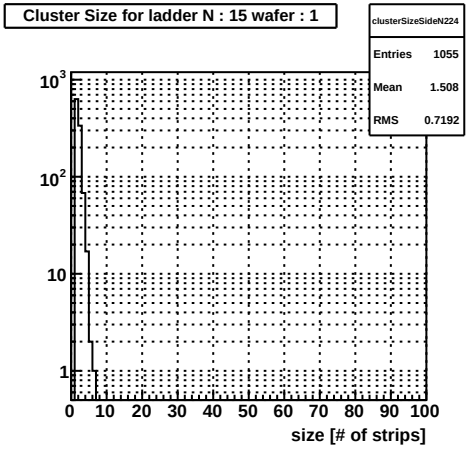

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 933
Mean 1.715
RMS 0.9226
size [# of strips]

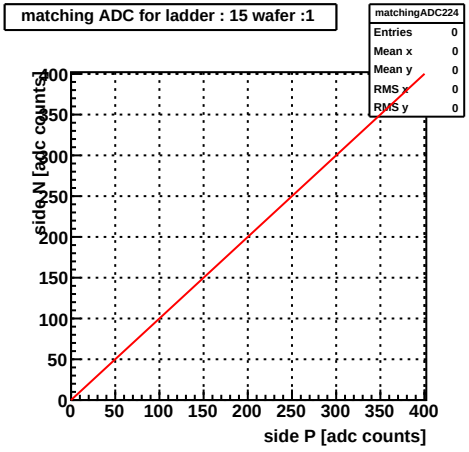

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 648
Mean x 99.71
Mean y 110
RMS x 62.67
RMS y 65.18
side N [adc counts]
side P [adc counts]

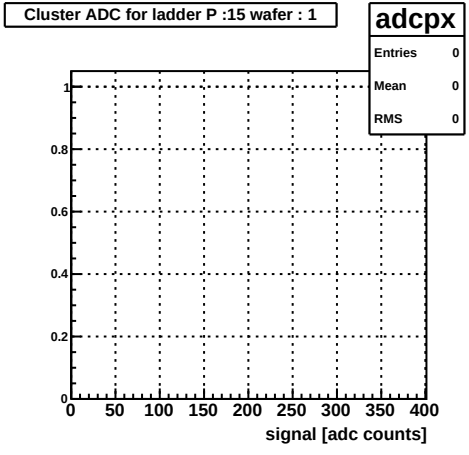

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 870
Mean 77.87
RMS 59.42
signal [adc counts]

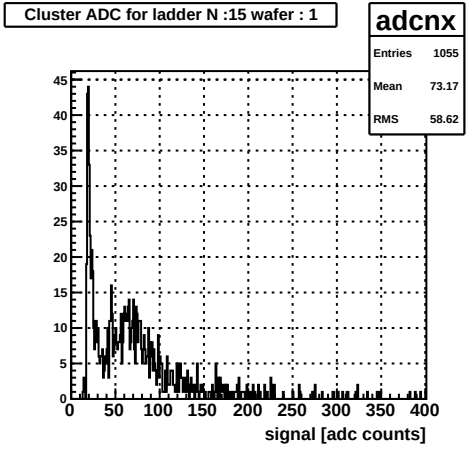

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 933
Mean 93.59
RMS 70.22
signal [adc counts]

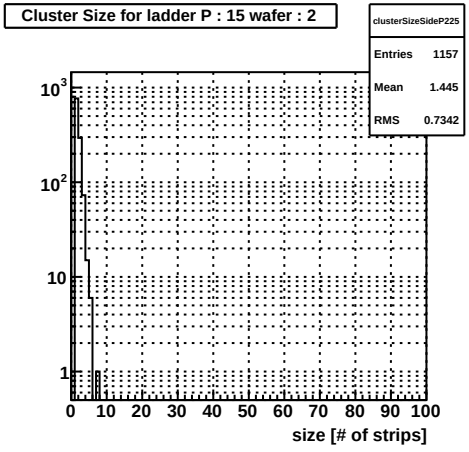

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

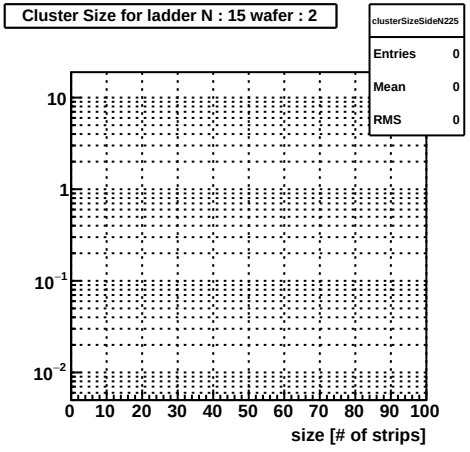

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1055
Mean 1.508
RMS 0.7192
size [# of strips]

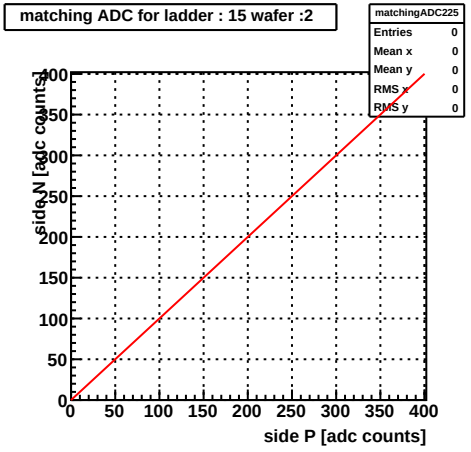

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

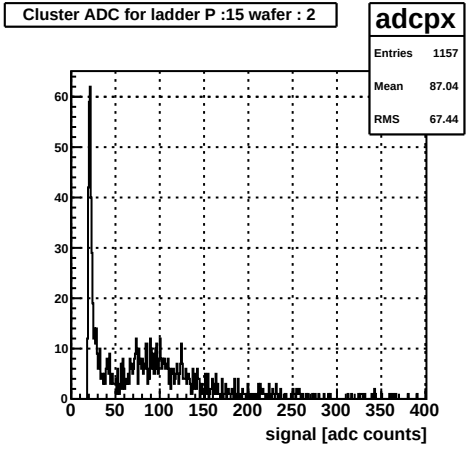

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

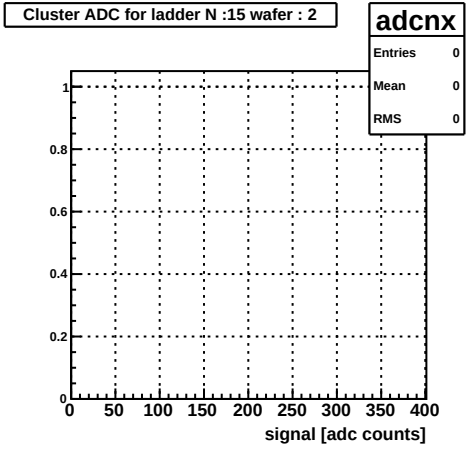

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1055
Mean 73.17
RMS 58.62
signal [adc counts]

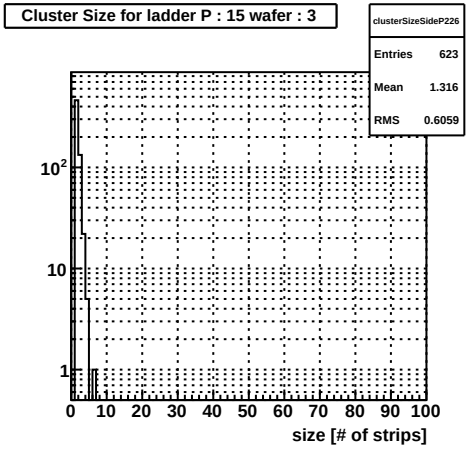

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1157
Mean 1.445
RMS 0.7342
size [# of strips]

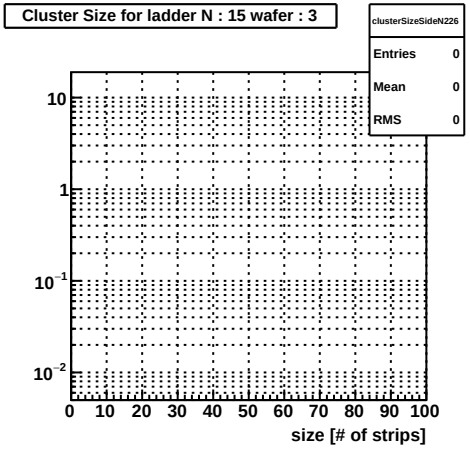

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

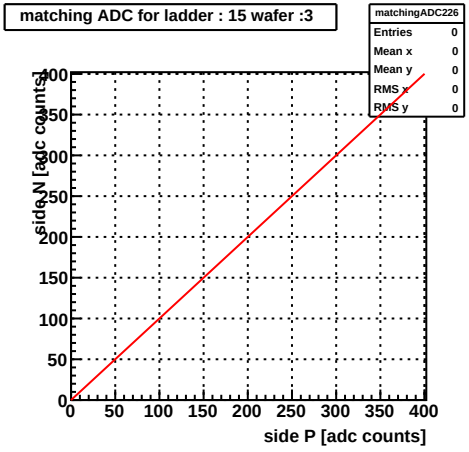

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

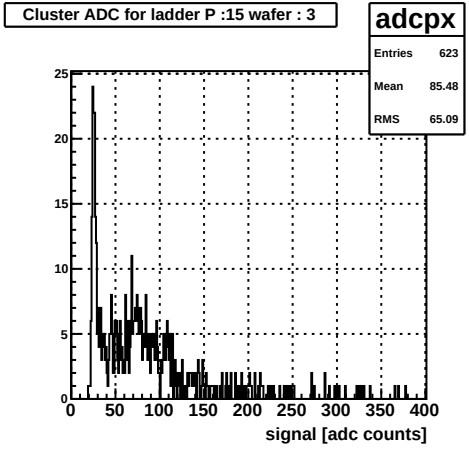

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1157
Mean 87.04
RMS 67.44
signal [adc counts]

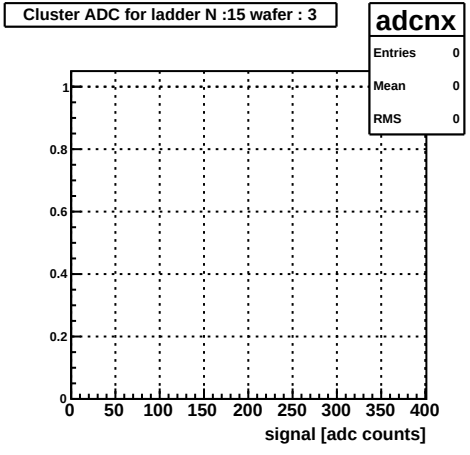

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

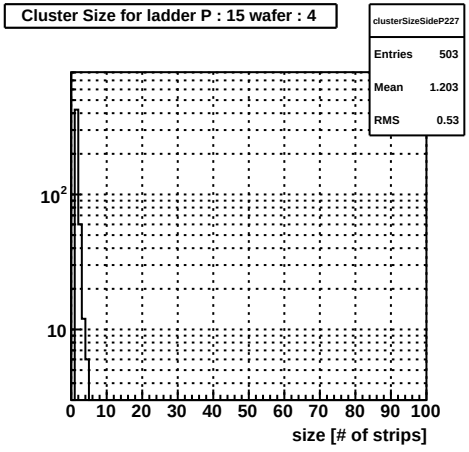

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 623
Mean 1.316
RMS 0.6059
size [# of strips]

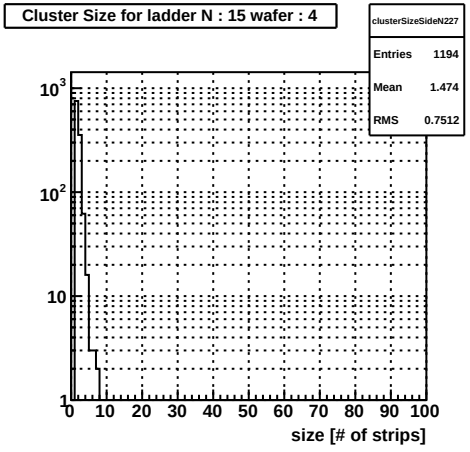

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

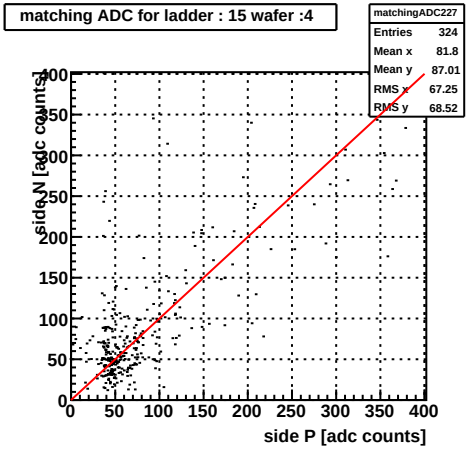

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

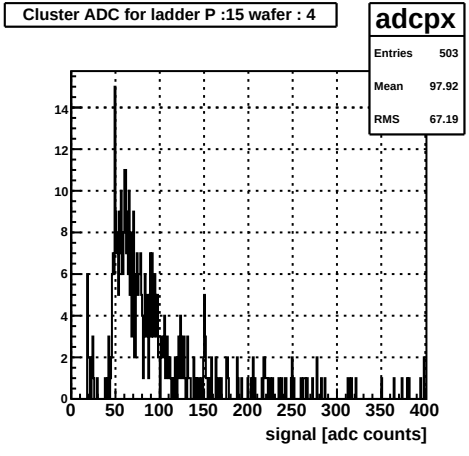

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 623
Mean 85.48
RMS 65.09
signal [adc counts]

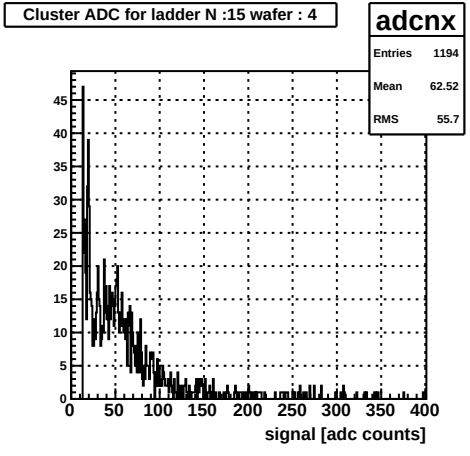

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

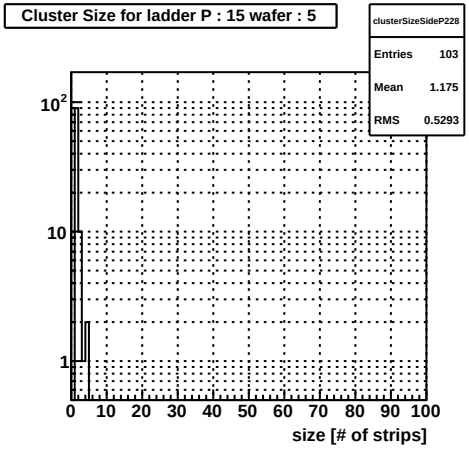

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 503
Mean 1.203
RMS 0.53
size [# of strips]

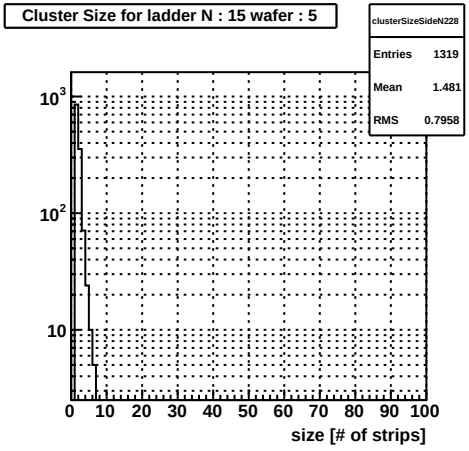

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1194
Mean 1.474
RMS 0.7512
size [# of strips]

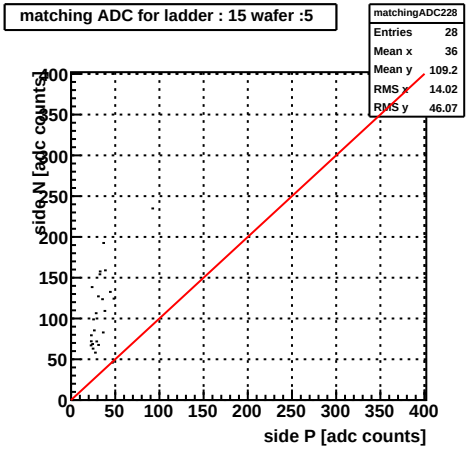

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 324
Mean x 81.8
Mean y 87.01
RMS x 67.25
RMS y 68.52
side N [adc counts]
side P [adc counts]

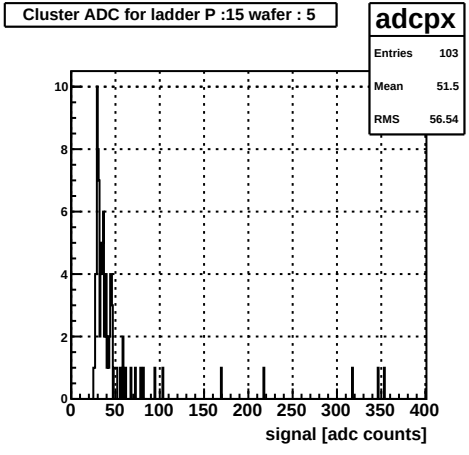

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 503
Mean 97.92
RMS 67.19
signal [adc counts]

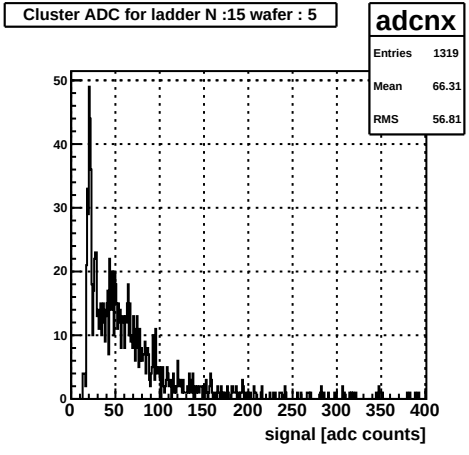

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1194
Mean 62.52
RMS 55.7
signal [adc counts]

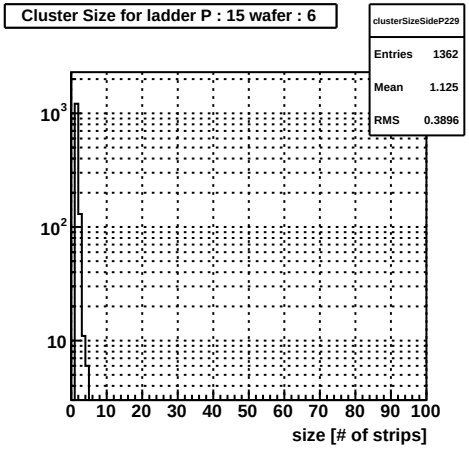

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 103
Mean 1.175
RMS 0.5293
size [# of strips]

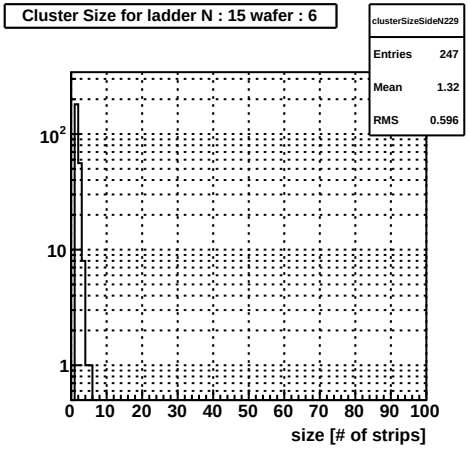

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1319
Mean 1.481
RMS 0.7958
size [# of strips]

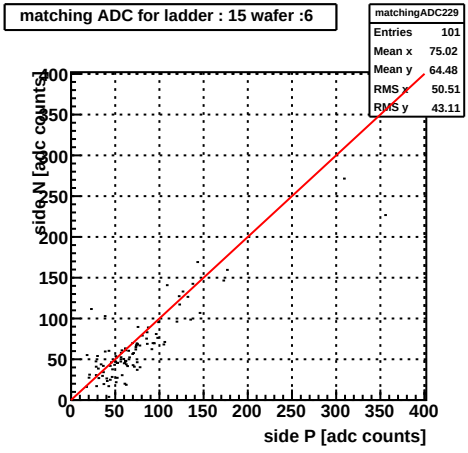

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 28
Mean x 36
Mean y 109.2
RMS x 14.02
RMS y 46.07
side N [adc counts]
side P [adc counts]

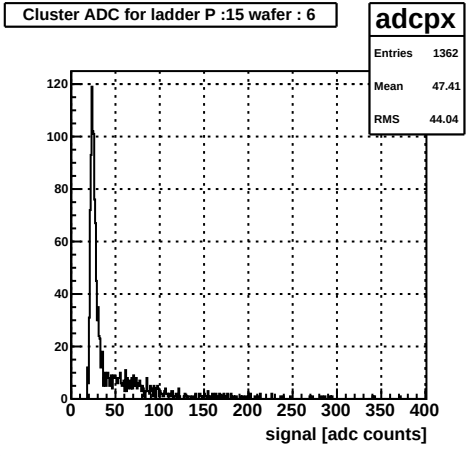

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 103
Mean 51.5
RMS 56.54
signal [adc counts]

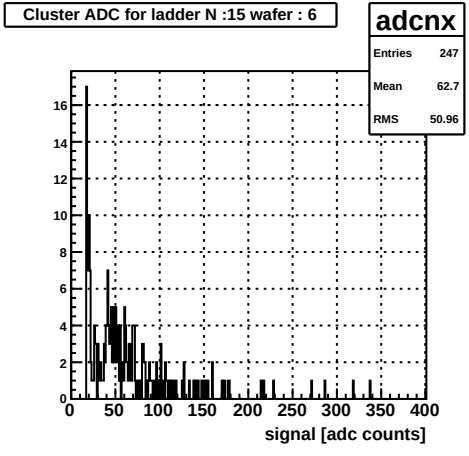

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1319
Mean 66.31
RMS 56.81
signal [adc counts]

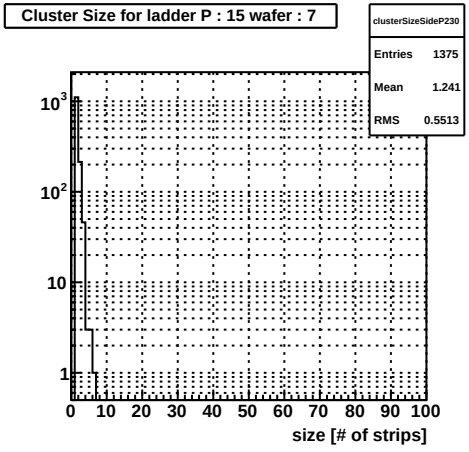

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 1362
Mean 1.125
RMS 0.3896
size [# of strips]

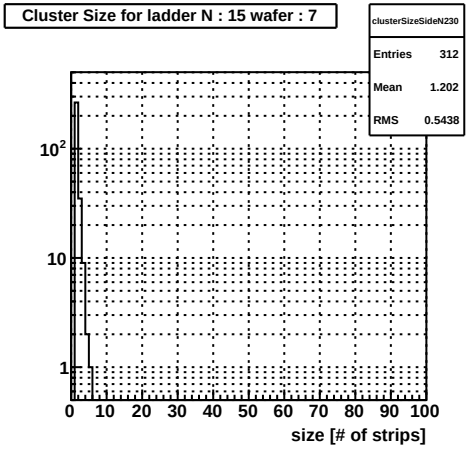

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 247
Mean 1.32
RMS 0.596
size [# of strips]

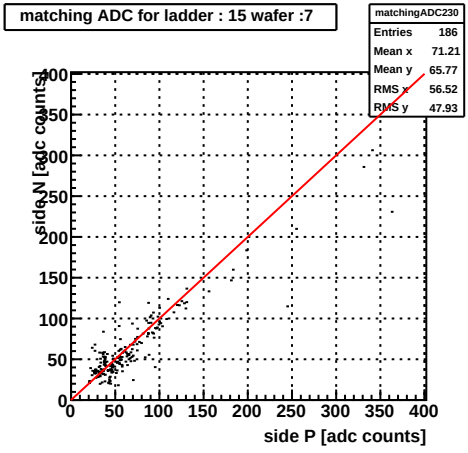

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 101
Mean x 75.02
Mean y 64.48
RMS x 50.51
RMS y 43.11
side N [adc counts]
side P [adc counts]

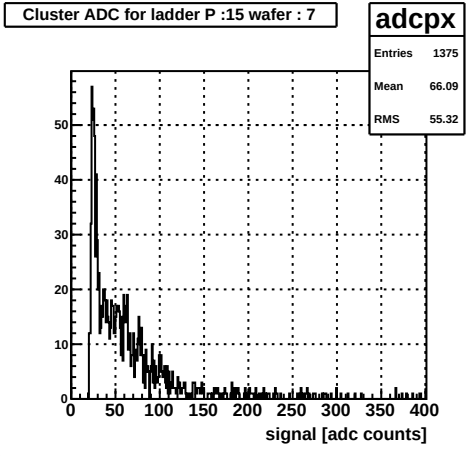

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 1362
Mean 47.41
RMS 44.04
signal [adc counts]

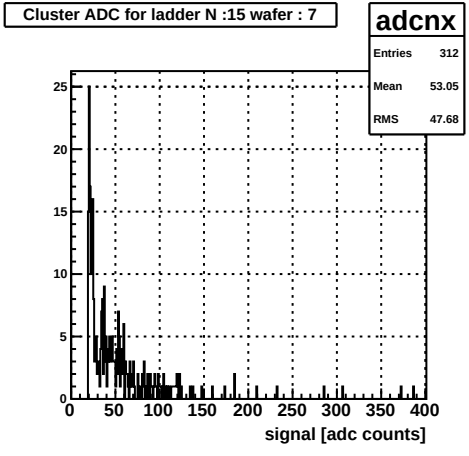

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 247
Mean 62.7
RMS 50.96
signal [adc counts]

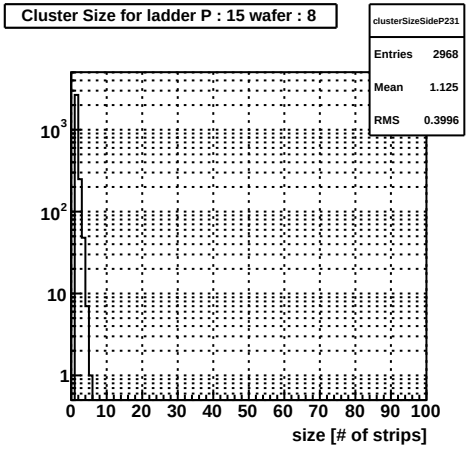

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1375
Mean 1.241
RMS 0.5513
size [# of strips]

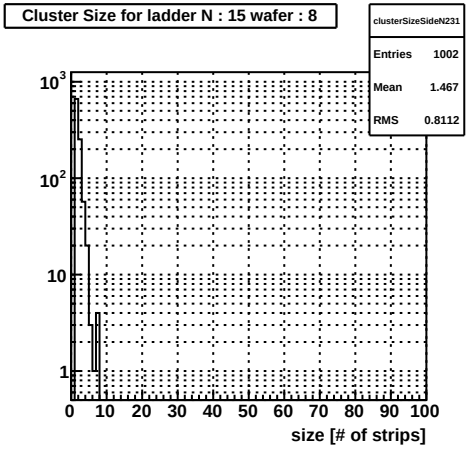

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 312
Mean 1.202
RMS 0.5438
size [# of strips]

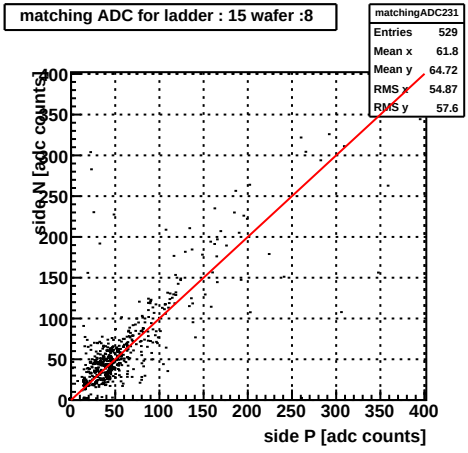

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 186
Mean x 71.21
Mean y 65.77
RMS x 56.52
RMS y 47.93
side N [adc counts]
side P [adc counts]

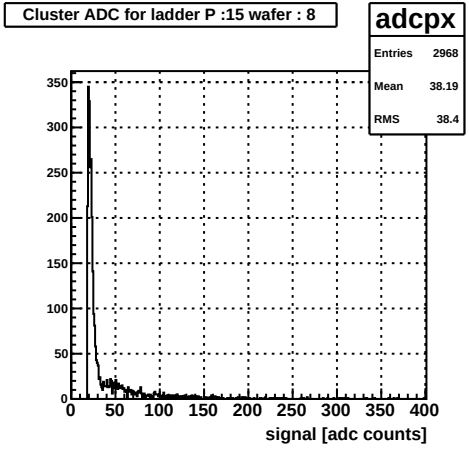

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1375
Mean 66.09
RMS 55.32
signal [adc counts]

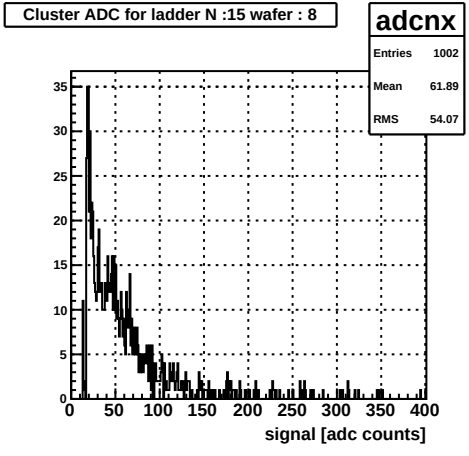

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 312
Mean 53.05
RMS 47.68
signal [adc counts]

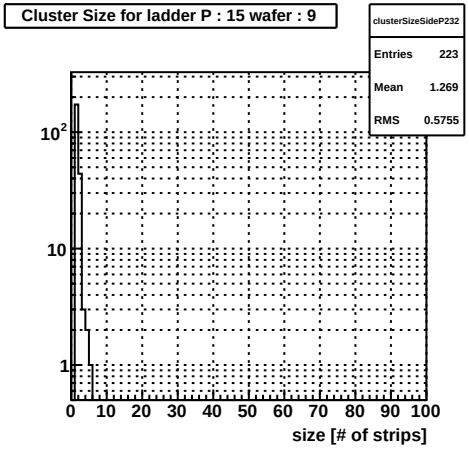

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 2968
Mean 1.125
RMS 0.3996
size [# of strips]

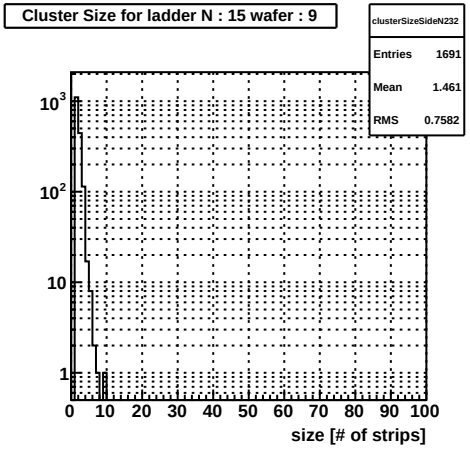

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1002
Mean 1.467
RMS 0.8112
size [# of strips]

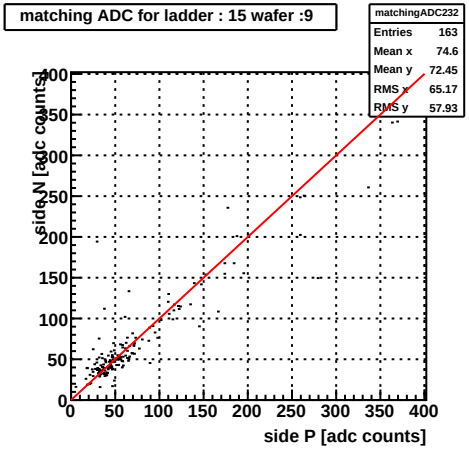

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 529
Mean x 61.8
Mean y 64.72
RMS x 54.87
RMS y 57.6
side N [adc counts]
side P [adc counts]

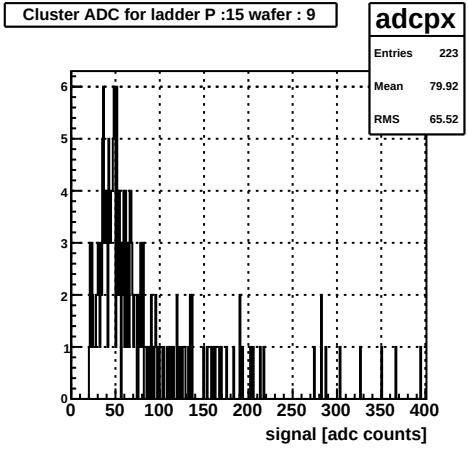

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 2968
Mean 38.19
RMS 38.4
signal [adc counts]

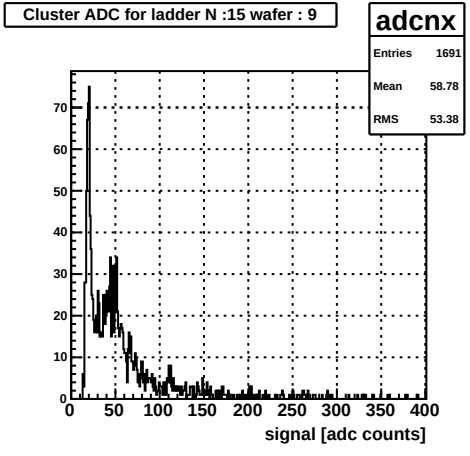

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1002
Mean 61.89
RMS 54.07
signal [adc counts]

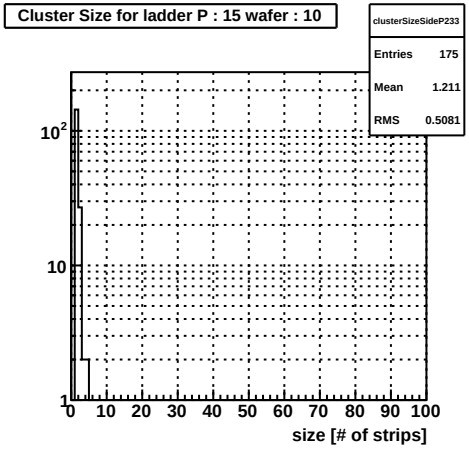

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 223
Mean 1.269
RMS 0.5755
size [# of strips]

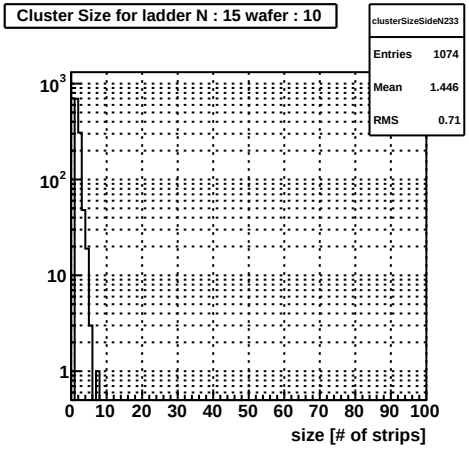

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1691
Mean 1.461
RMS 0.7582
size [# of strips]

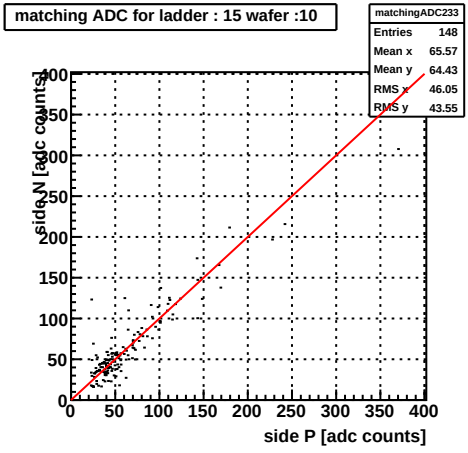

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 163
Mean x 74.6
Mean y 72.45
RMS x 65.17
RMS y 57.93
side N [adc counts]
side P [adc counts]

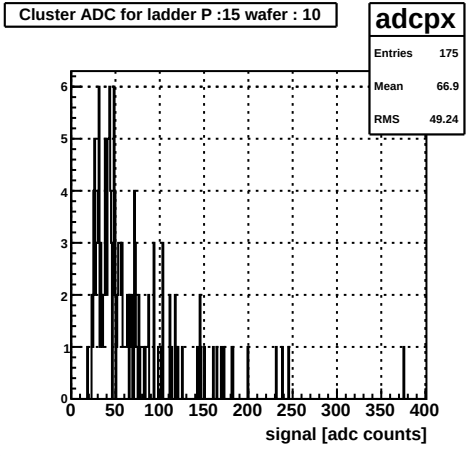

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 223
Mean 79.92
RMS 65.52
signal [adc counts]

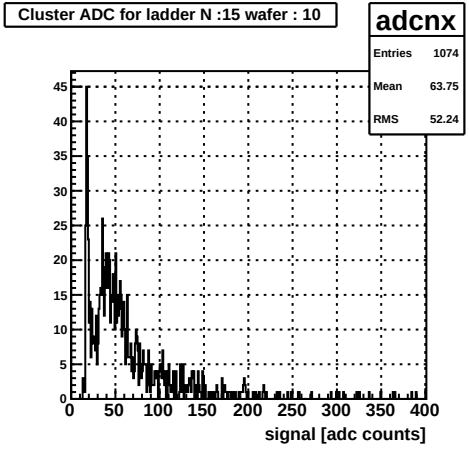

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1691
Mean 58.78
RMS 53.38
signal [adc counts]

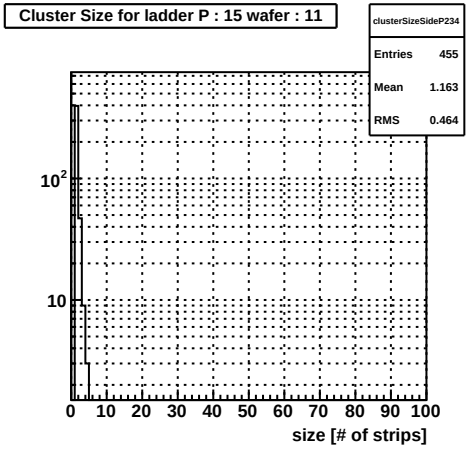

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 175
Mean 1.211
RMS 0.5081
size [# of strips]

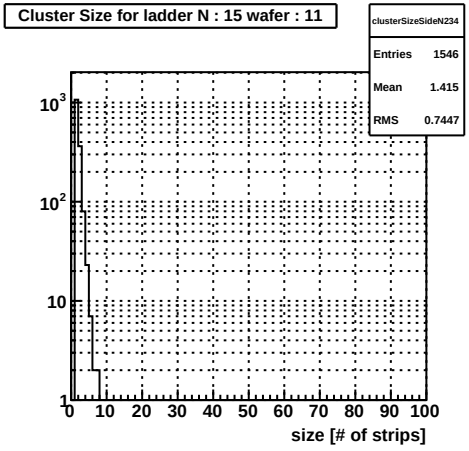

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1074
Mean 1.446
RMS 0.71
size [# of strips]

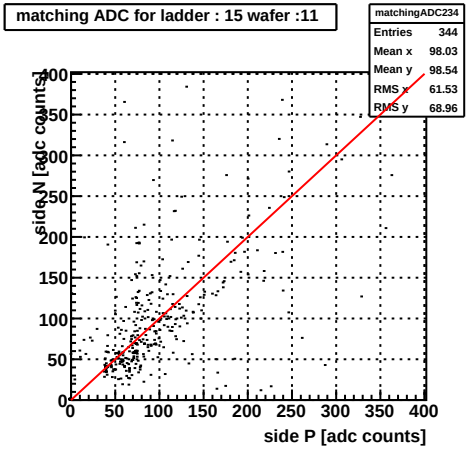

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 148
Mean x 65.57
Mean y 64.43
RMS x 46.05
RMS y 43.55
side N [adc counts]
side P [adc counts]

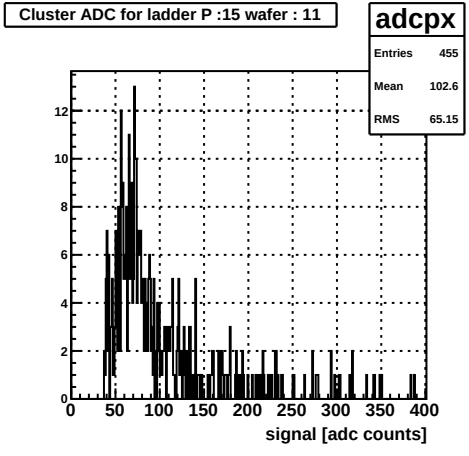

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 175
Mean 66.9
RMS 49.24
signal [adc counts]

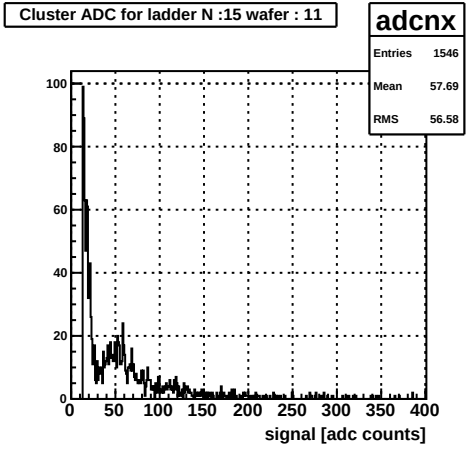

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1074
Mean 63.75
RMS 52.24
signal [adc counts]

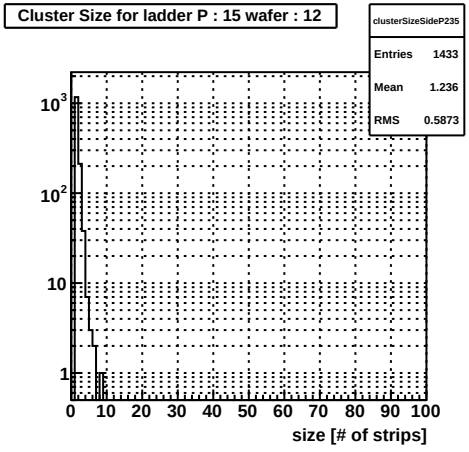

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 455
Mean 1.163
RMS 0.464
size [# of strips]

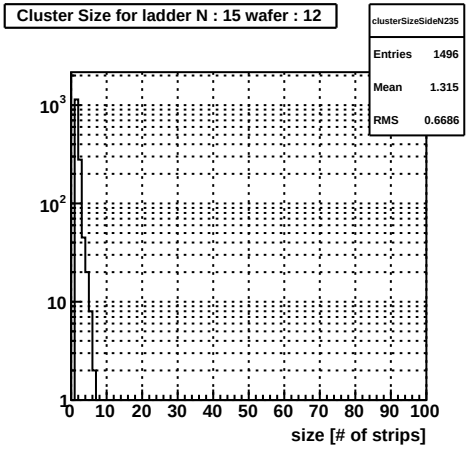

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1546
Mean 1.415
RMS 0.7447
size [# of strips]

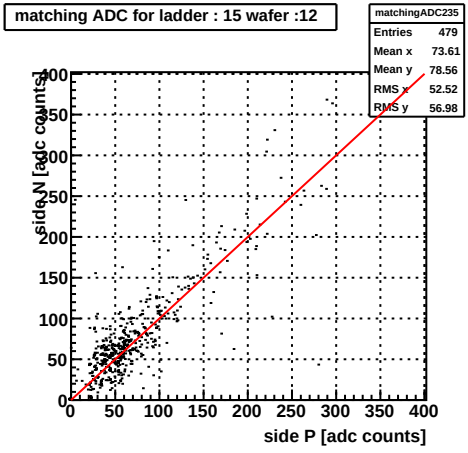

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 344
Mean x 98.03
Mean y 98.54
RMS x 61.53
RMS y 68.96
side N [adc counts]
side P [adc counts]

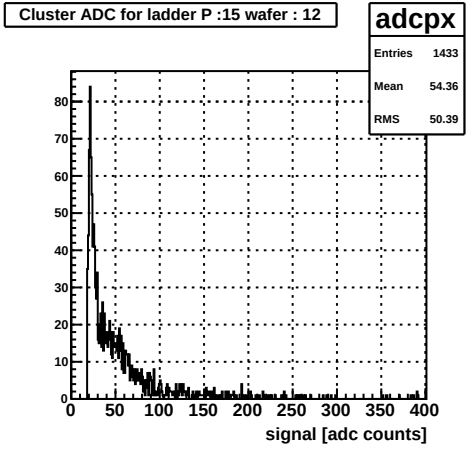

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 455
Mean 102.6
RMS 65.15
signal [adc counts]

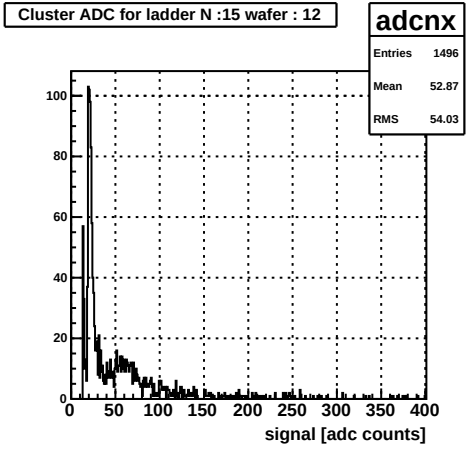

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1546
Mean 57.69
RMS 56.58
signal [adc counts]

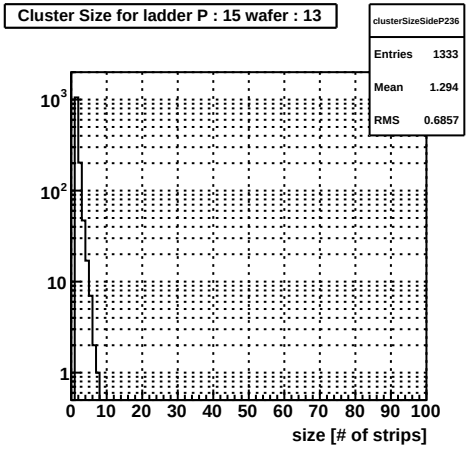

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1433
Mean 1.236
RMS 0.5873
size [# of strips]

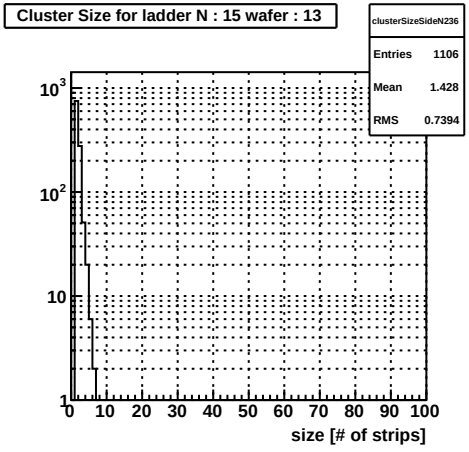

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1496
Mean 1.315
RMS 0.6686
size [# of strips]

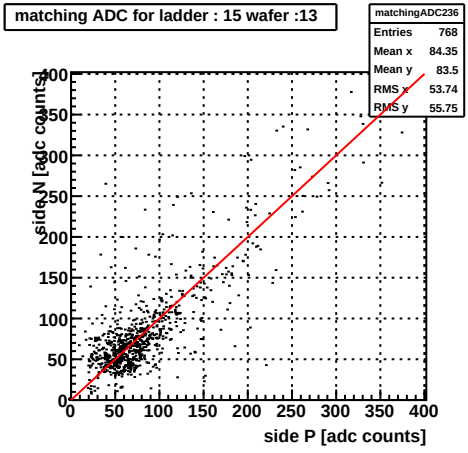

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 479
Mean x 73.61
Mean y 78.56
RMS x 52.52
RMS y 56.98
side N [adc counts]
side P [adc counts]

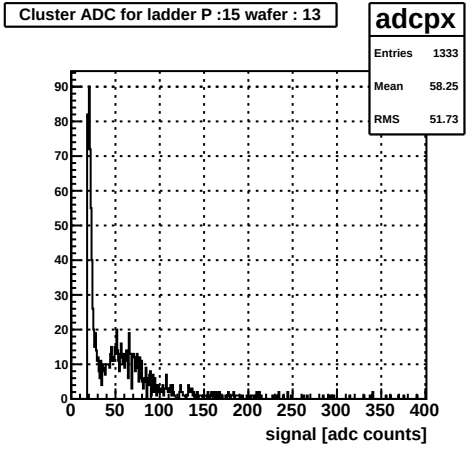

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1433
Mean 54.36
RMS 50.39
signal [adc counts]

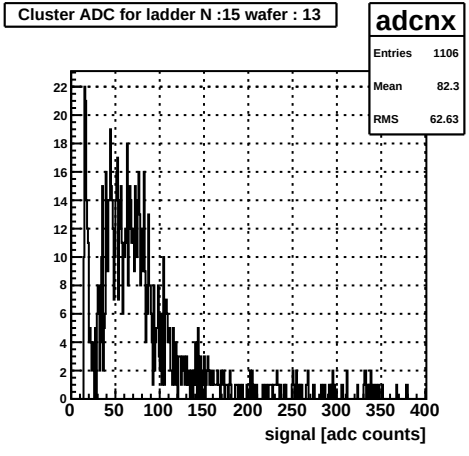

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1496
Mean 52.87
RMS 54.03
signal [adc counts]

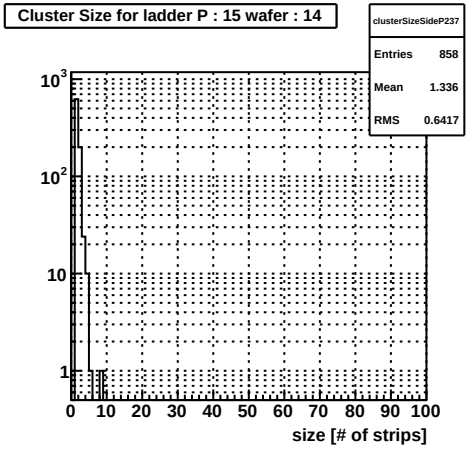

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1333
Mean 1.294
RMS 0.6857
size [# of strips]

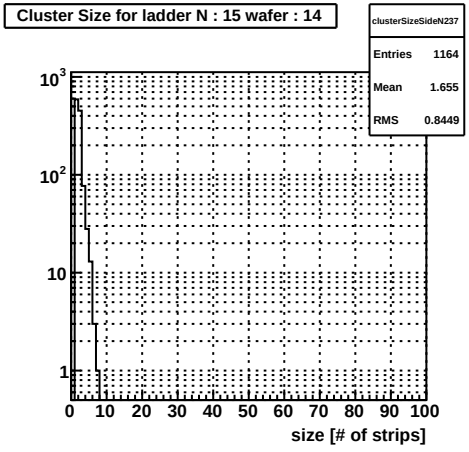

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1106
Mean 1.428
RMS 0.7394
size [# of strips]

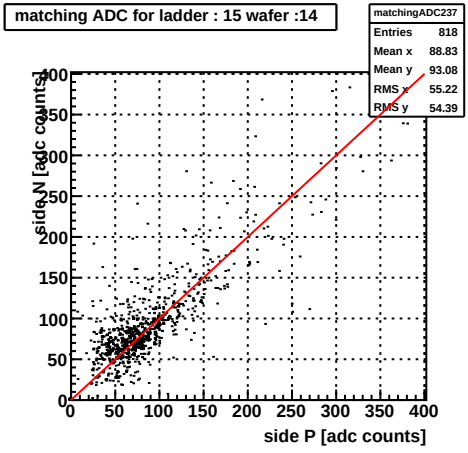

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 768
Mean x 84.35
Mean y 83.5
RMS x 53.74
RMS y 55.75
side N [adc counts]
side P [adc counts]

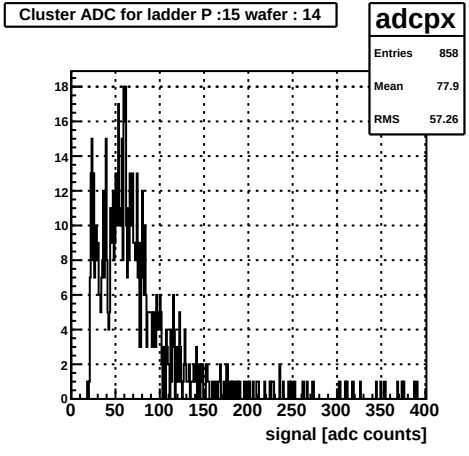

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1333
Mean 58.25
RMS 51.73
signal [adc counts]

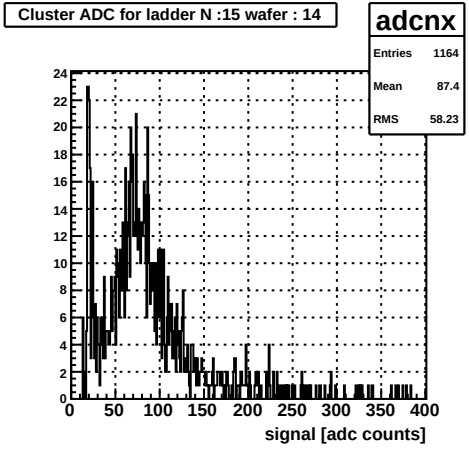

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1106
Mean 82.3
RMS 62.63
signal [adc counts]

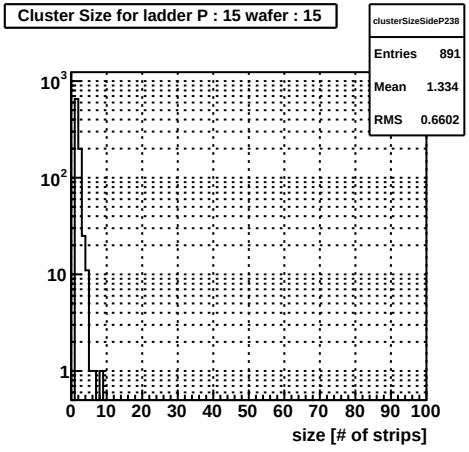

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 858
Mean 1.336
RMS 0.6417
size [# of strips]

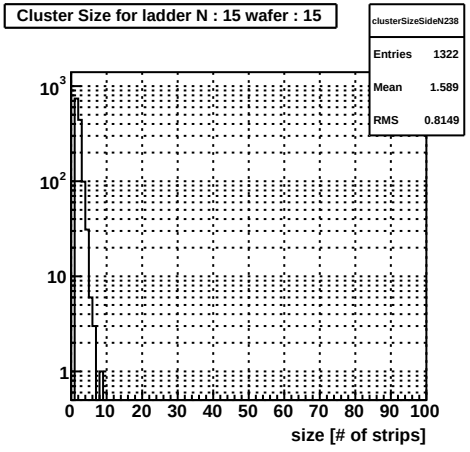

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1164
Mean 1.655
RMS 0.8449
size [# of strips]

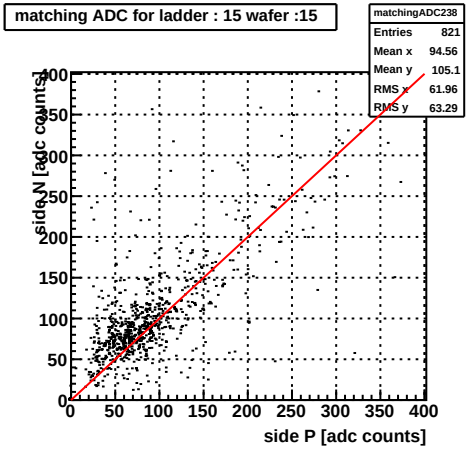

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 818
Mean x 88.83
Mean y 93.08
RMS x 55.22
RMS y 54.39
side N [adc counts]
side P [adc counts]

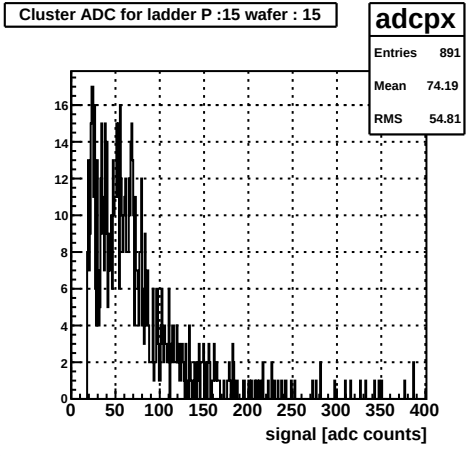

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 858
Mean 77.9
RMS 57.26
signal [adc counts]

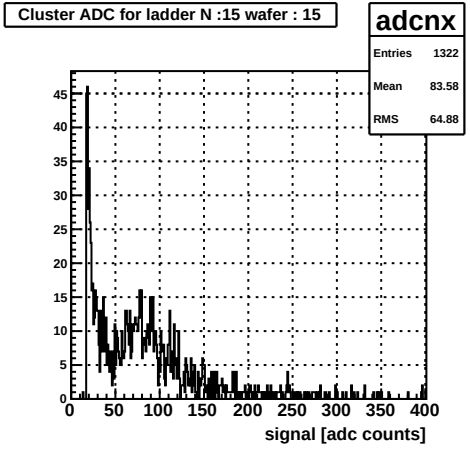

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1164
Mean 87.4
RMS 58.23
signal [adc counts]

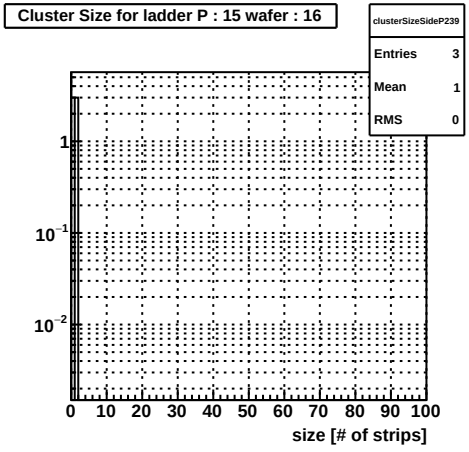

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 891
Mean 1.334
RMS 0.6602
size [# of strips]

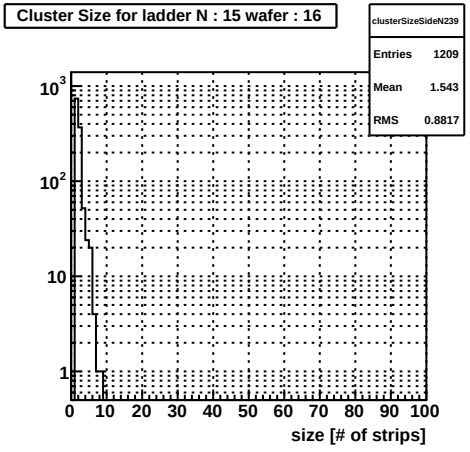

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1322
Mean 1.589
RMS 0.8149
size [# of strips]

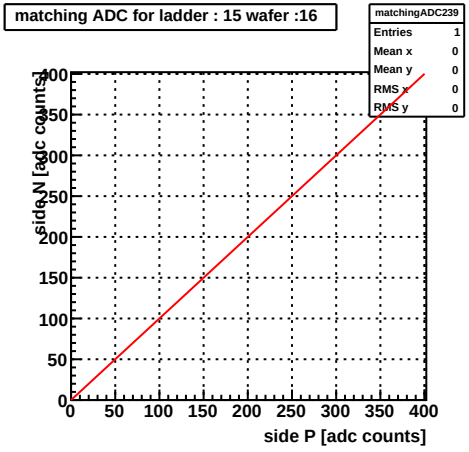

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 821
Mean x 94.56
Mean y 105.1
RMS x 61.96
RMS y 63.29
side N [adc counts]
side P [adc counts]

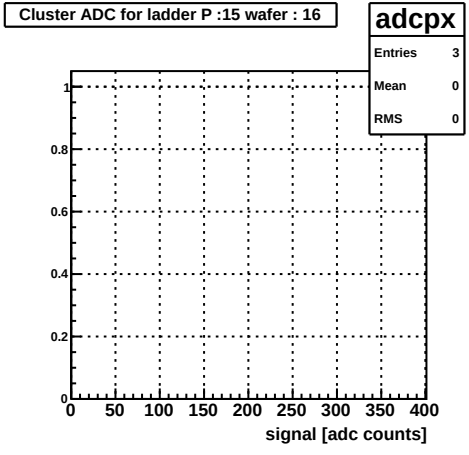

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 891
Mean 74.19
RMS 54.81
signal [adc counts]

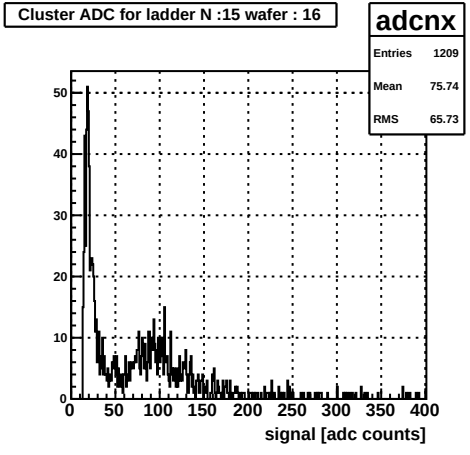

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1322
Mean 83.58
RMS 64.88
signal [adc counts]

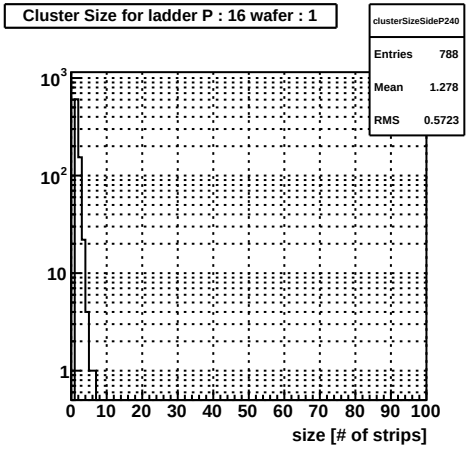

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

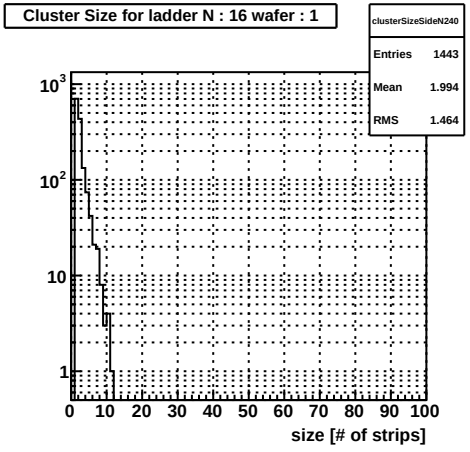

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1209
Mean 1.543
RMS 0.8817
size [# of strips]

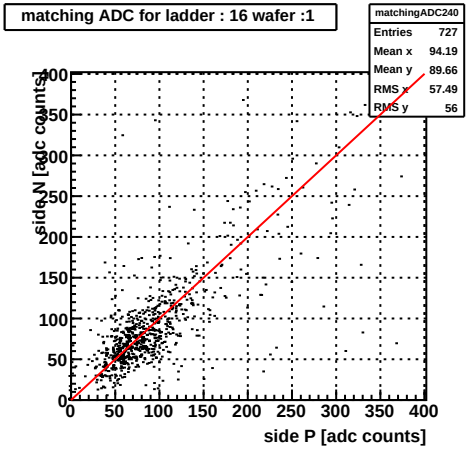

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

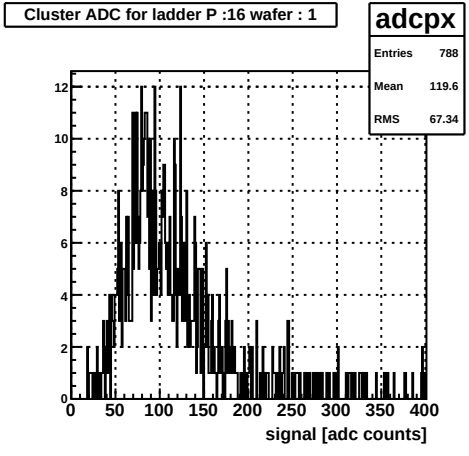

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

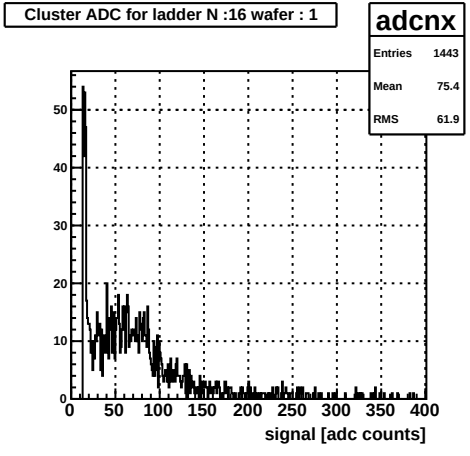

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1209
Mean 75.74
RMS 65.73
signal [adc counts]

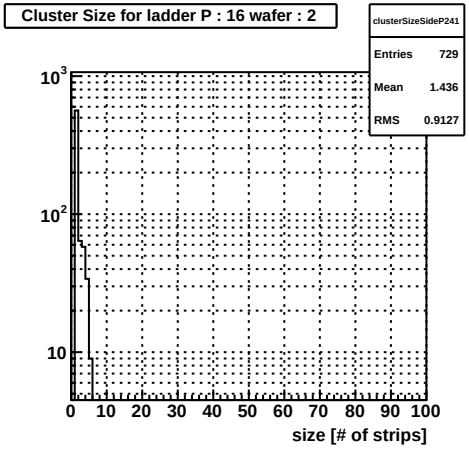

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 788
Mean 1.278
RMS 0.5723
size [# of strips]

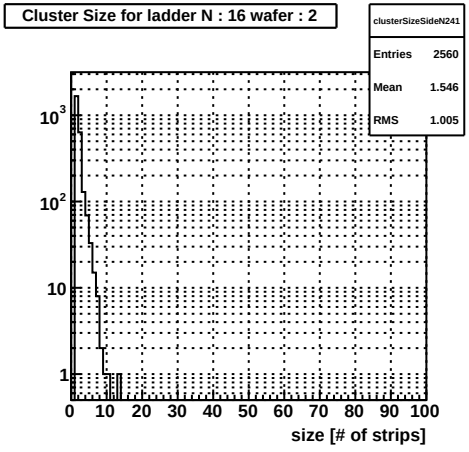

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 1443
Mean 1.994
RMS 1.464
size [# of strips]

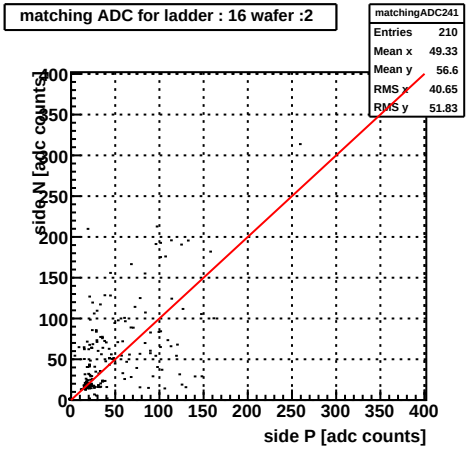

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 727
Mean x 94.19
Mean y 89.66
RMS x 57.49
RMS y 56
side N [adc counts]
side P [adc counts]

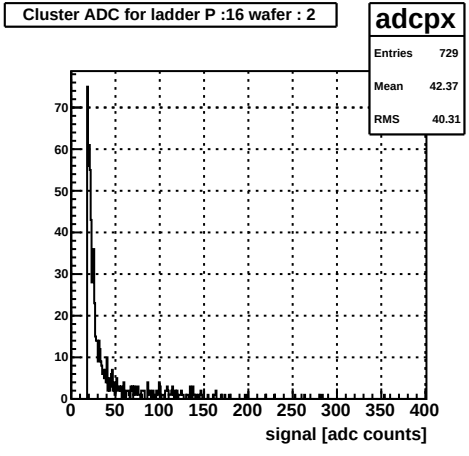

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 788
Mean 119.6
RMS 67.34
signal [adc counts]

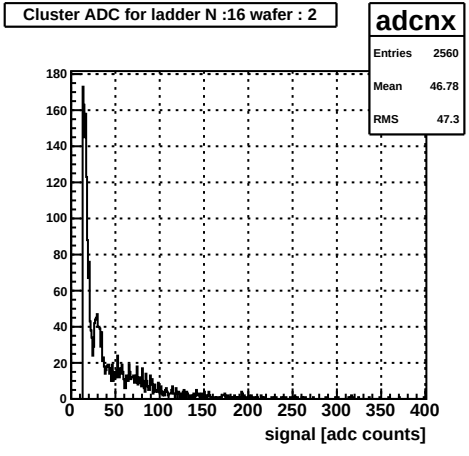

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 1443
Mean 75.4
RMS 61.9
signal [adc counts]

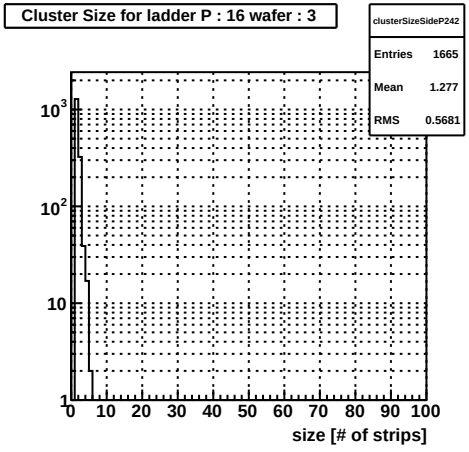

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 729
Mean 1.436
RMS 0.9127
size [# of strips]

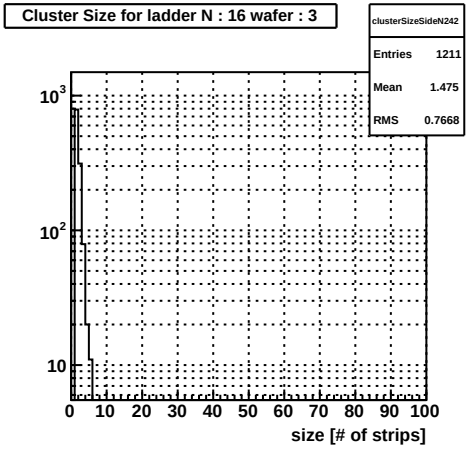

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2560
Mean 1.546
RMS 1.005
size [# of strips]

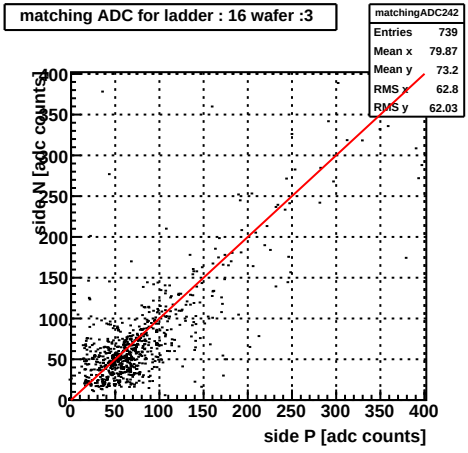

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 210
Mean x 49.33
Mean y 56.6
RMS x 40.65
RMS y 51.83
side N [adc counts]
side P [adc counts]

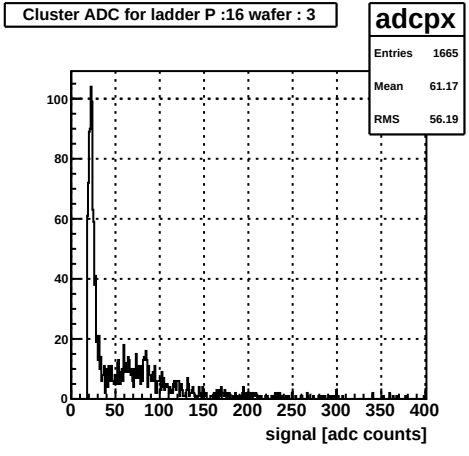

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 729
Mean 42.37
RMS 40.31
signal [adc counts]

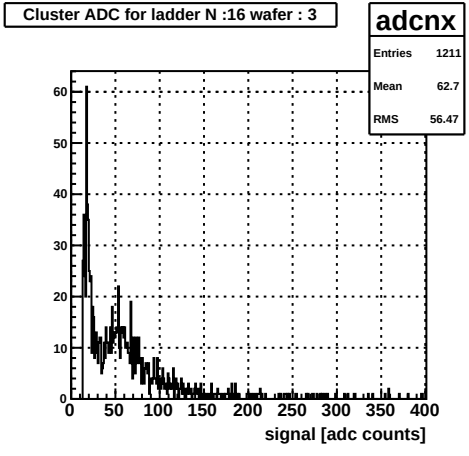

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2560
Mean 46.78
RMS 47.3
signal [adc counts]

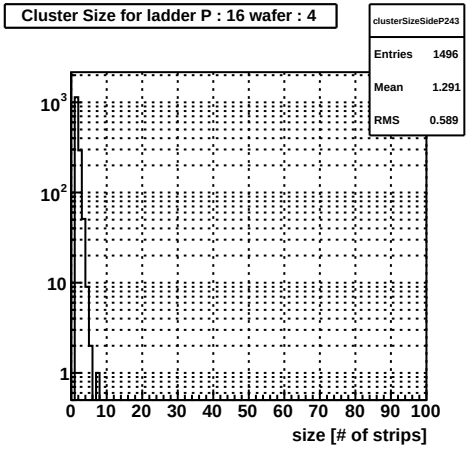

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 1665
Mean 1.277
RMS 0.5681
size [# of strips]

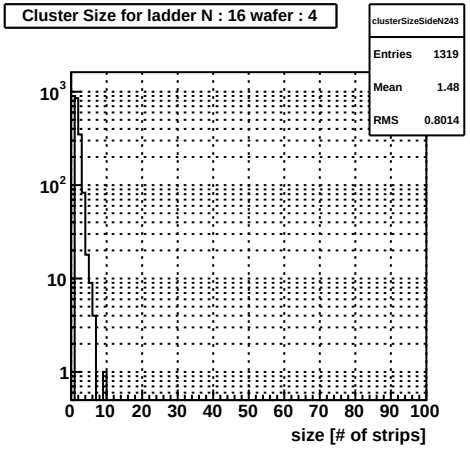

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1211
Mean 1.475
RMS 0.7668
size [# of strips]

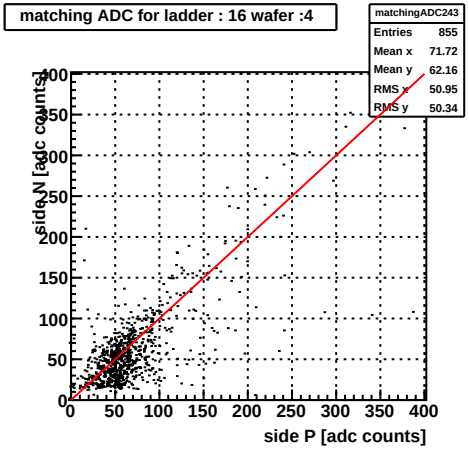

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 739
Mean x 79.87
Mean y 73.2
RMS x 62.8
RMS y 62.03
side N [adc counts]
side P [adc counts]

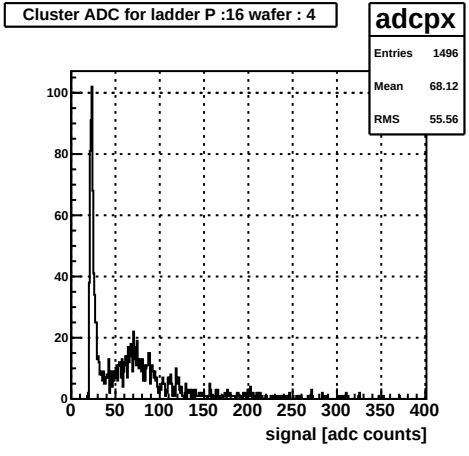

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 1665
Mean 61.17
RMS 56.19
signal [adc counts]

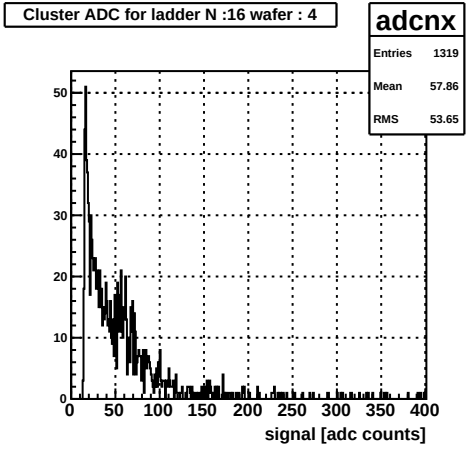

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1211
Mean 62.7
RMS 56.47
signal [adc counts]

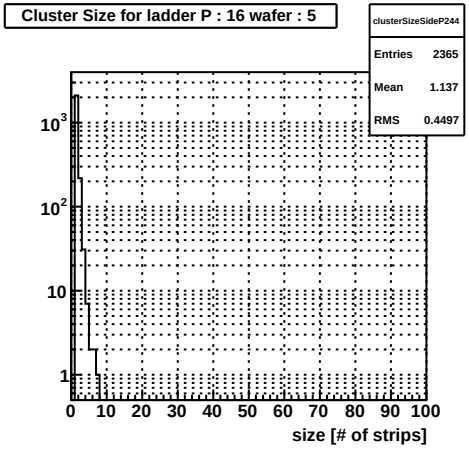

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1496
Mean 1.291
RMS 0.589
size [# of strips]

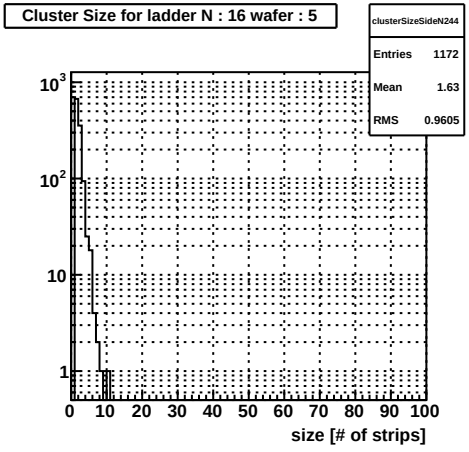

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1319
Mean 1.48
RMS 0.8014
size [# of strips]

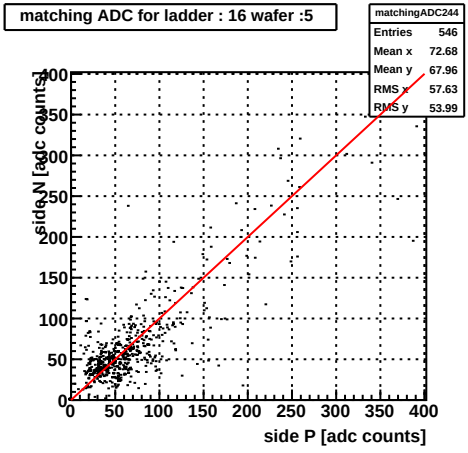

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 855
Mean x 71.72
Mean y 62.16
RMS x 50.95
RMS y 50.34
side N [adc counts]
side P [adc counts]

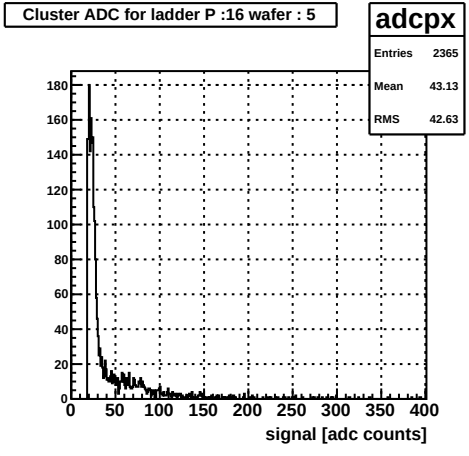

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1496
Mean 68.12
RMS 55.56
signal [adc counts]

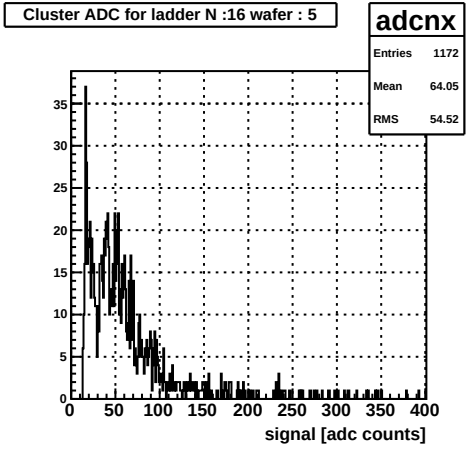

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1319
Mean 57.86
RMS 53.65
signal [adc counts]

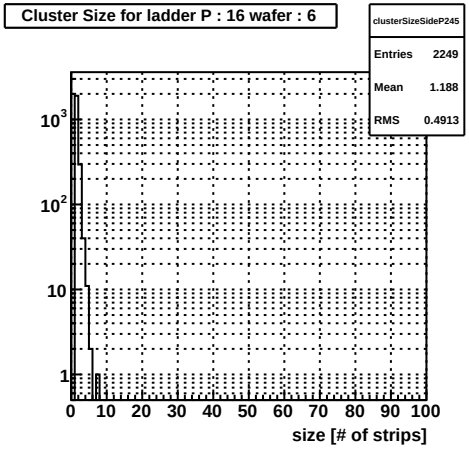

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 2365
Mean 1.137
RMS 0.4497
size [# of strips]

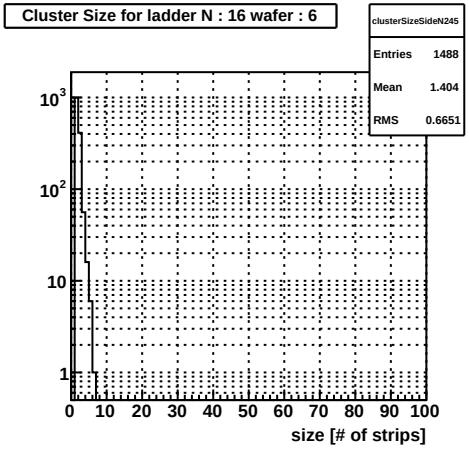

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1172
Mean 1.63
RMS 0.9605
size [# of strips]

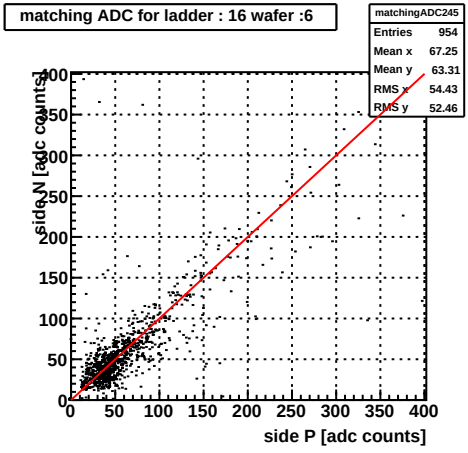

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 546
Mean x 72.68
Mean y 67.96
RMS x 57.63
RMS y 53.99
side N [adc counts]
side P [adc counts]

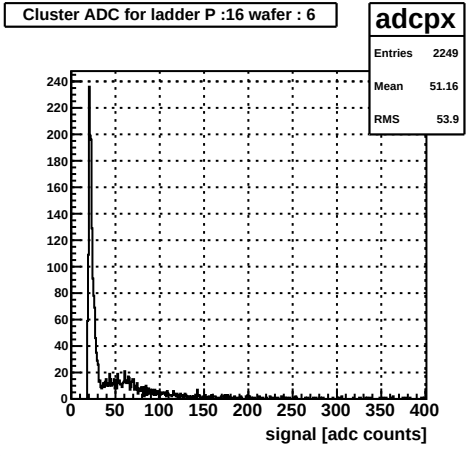

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 2365
Mean 43.13
RMS 42.63
signal [adc counts]

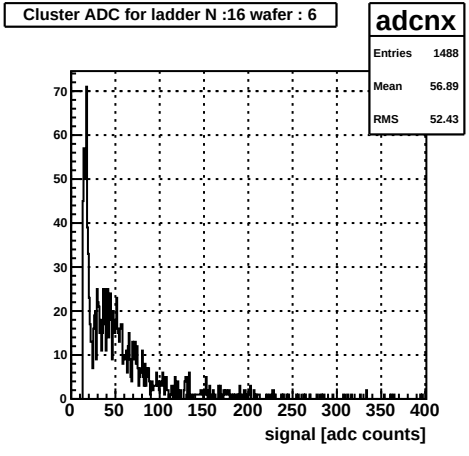

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1172
Mean 64.05
RMS 54.52
signal [adc counts]

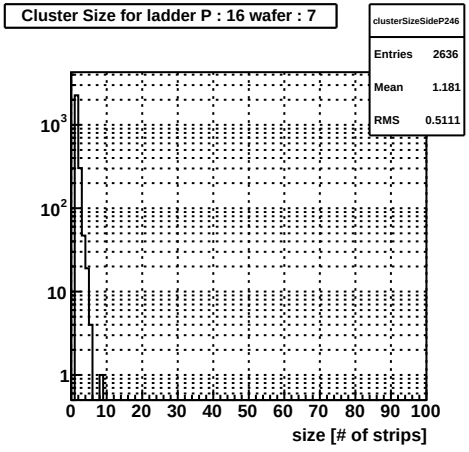

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 2249
Mean 1.188
RMS 0.4913
size [# of strips]

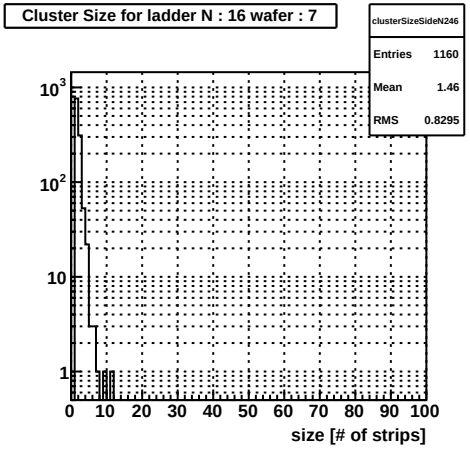

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1488
Mean 1.404
RMS 0.6651
size [# of strips]

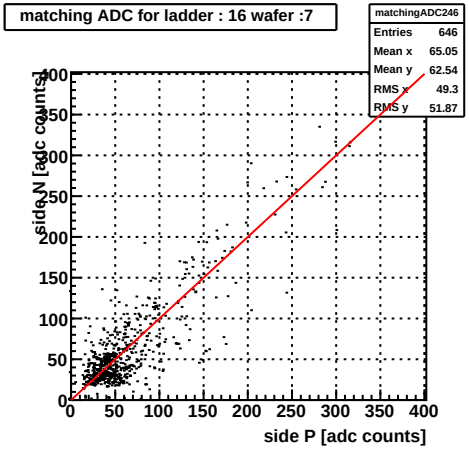

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 954
Mean x 67.25
Mean y 63.31
RMS x 54.43
RMS y 52.46
side N [adc counts]
side P [adc counts]

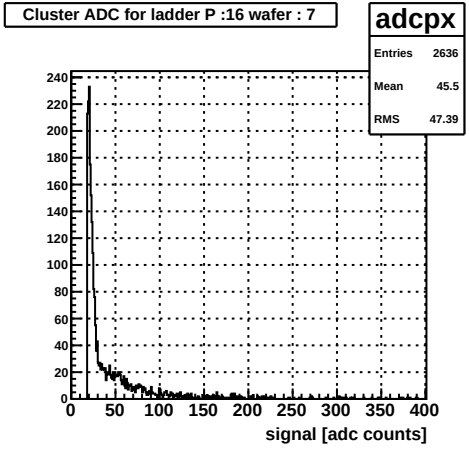

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 2249
Mean 51.16
RMS 53.9
signal [adc counts]

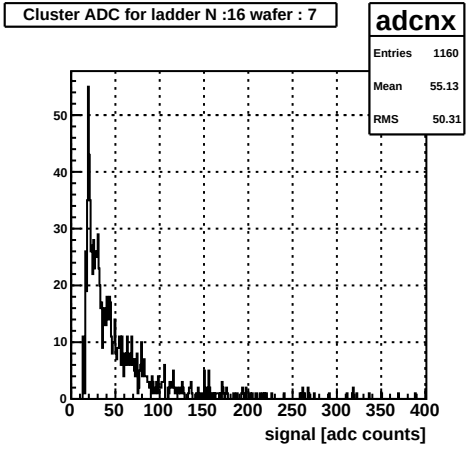

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1488
Mean 56.89
RMS 52.43
signal [adc counts]

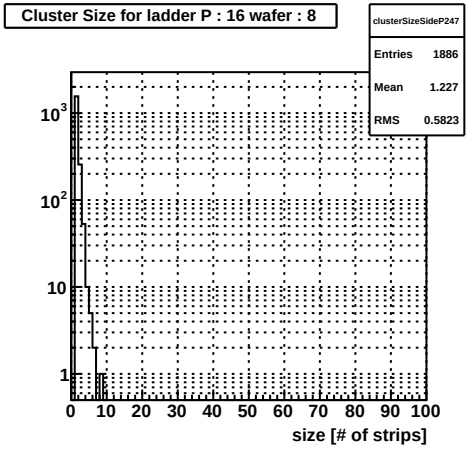

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 2636
Mean 1.181
RMS 0.5111
size [# of strips]

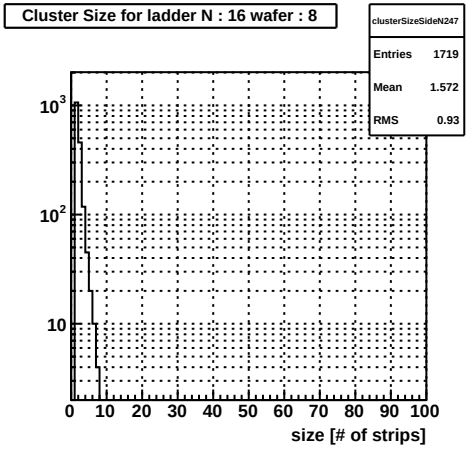

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1160
Mean 1.46
RMS 0.8295
size [# of strips]

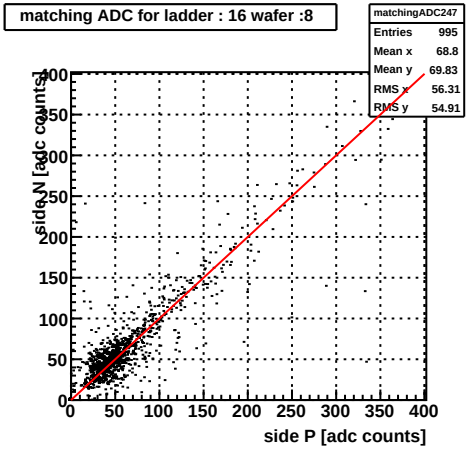

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 646
Mean x 65.05
Mean y 62.54
RMS x 49.3
RMS y 51.87
side N [adc counts]
side P [adc counts]

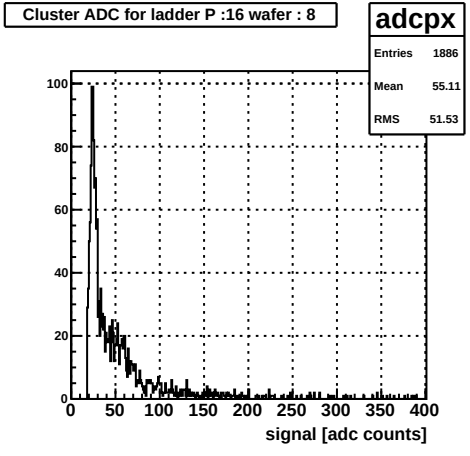

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 2636
Mean 45.5
RMS 47.39
signal [adc counts]

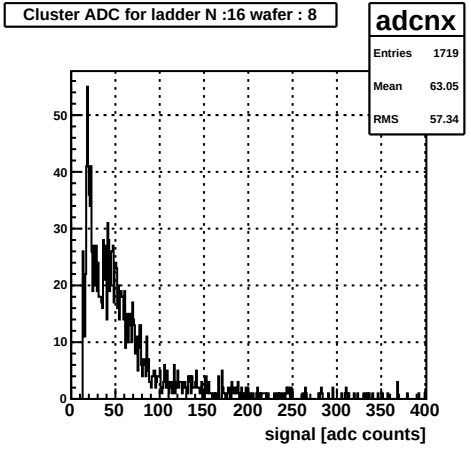

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1160
Mean 55.13
RMS 50.31
signal [adc counts]

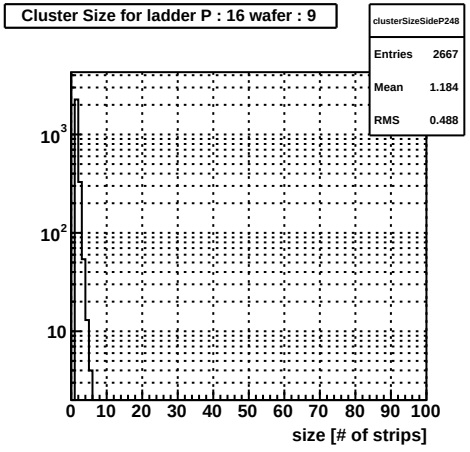

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 1886
Mean 1.227
RMS 0.5823
size [# of strips]

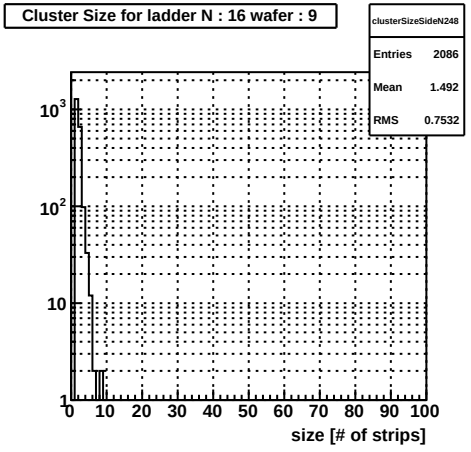

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1719
Mean 1.572
RMS 0.93
size [# of strips]

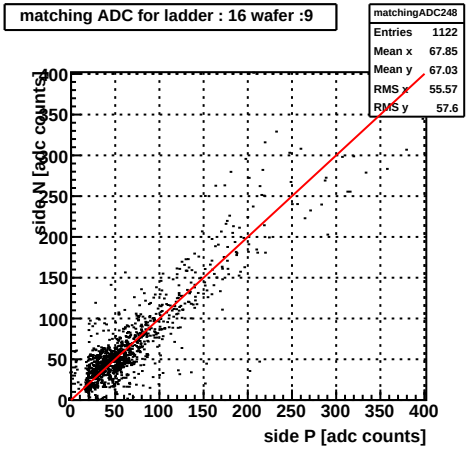

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 995
Mean x 68.8
Mean y 69.83
RMS x 56.31
RMS y 54.91
side N [adc counts]
side P [adc counts]

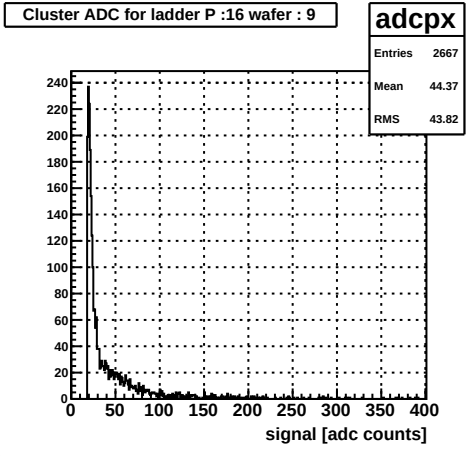

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 1886
Mean 55.11
RMS 51.53
signal [adc counts]

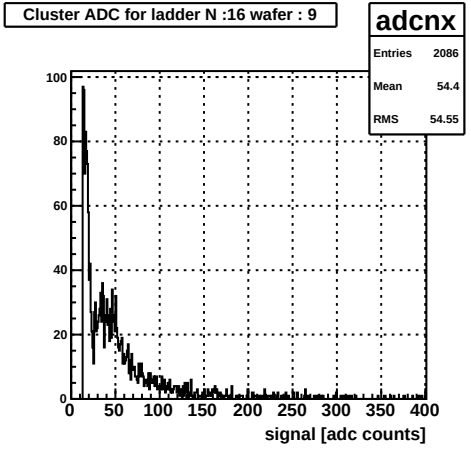

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1719
Mean 63.05
RMS 57.34
signal [adc counts]

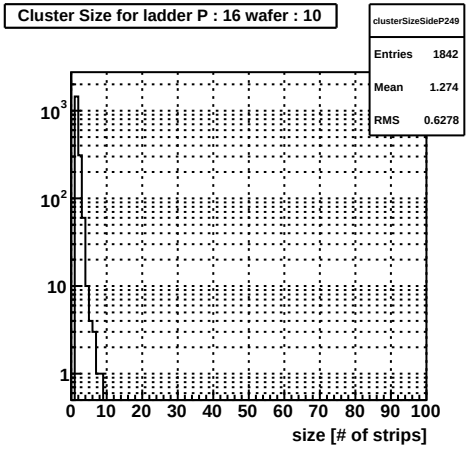

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 2667
Mean 1.184
RMS 0.488
size [# of strips]

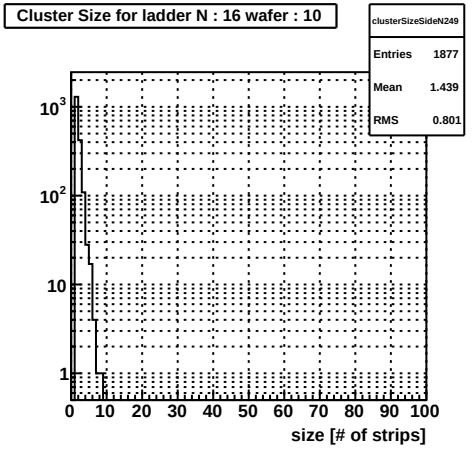

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2086
Mean 1.492
RMS 0.7532
size [# of strips]

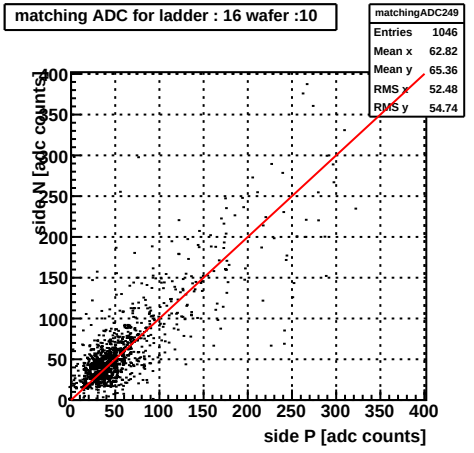

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1122
Mean x 67.85
Mean y 67.03
RMS x 55.57
RMS y 57.6
side N [adc counts]
side P [adc counts]

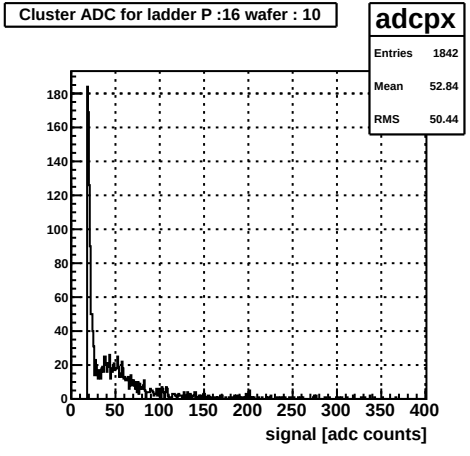

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 2667
Mean 44.37
RMS 43.82
signal [adc counts]

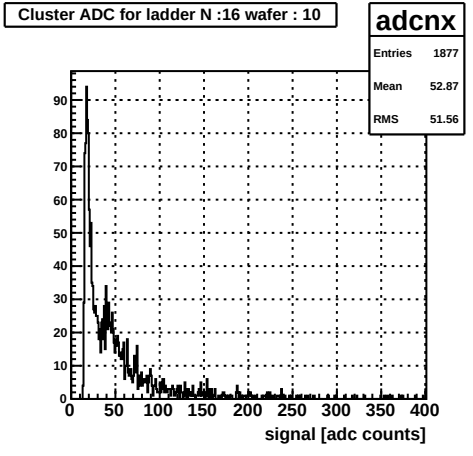

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2086
Mean 54.4
RMS 54.55
signal [adc counts]

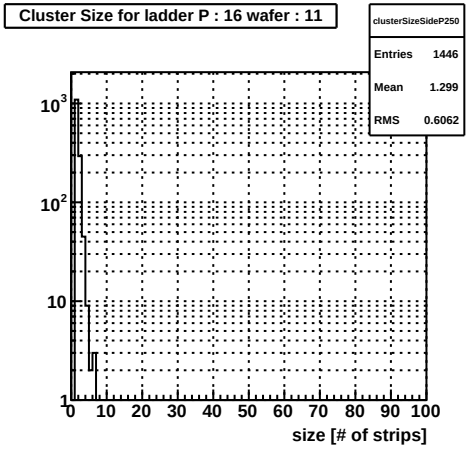

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 1842
Mean 1.274
RMS 0.6278
size [# of strips]

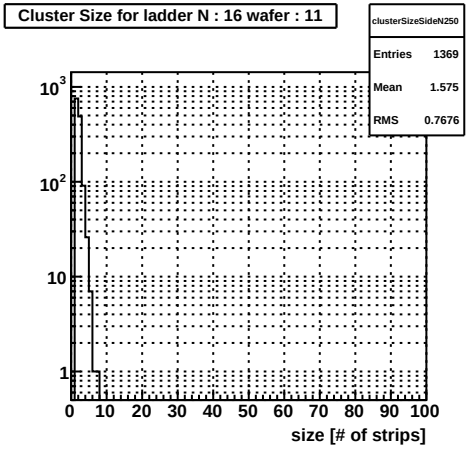

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1877
Mean 1.439
RMS 0.801
size [# of strips]

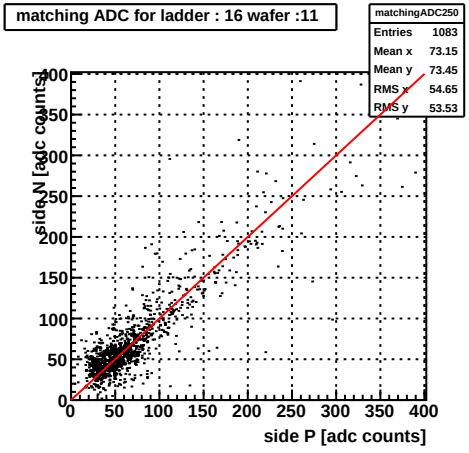

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1046
Mean x 62.82
Mean y 65.36
RMS x 52.48
RMS y 54.74
side N [adc counts]
side P [adc counts]

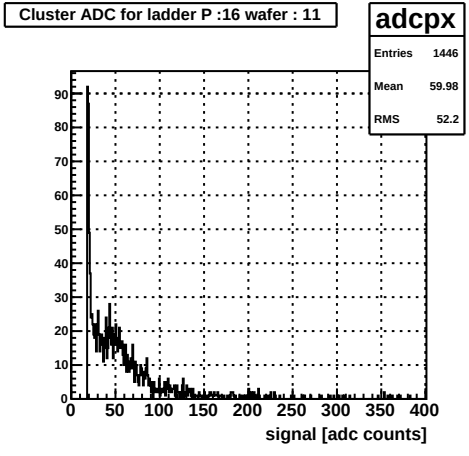

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 1842
Mean 52.84
RMS 50.44
signal [adc counts]

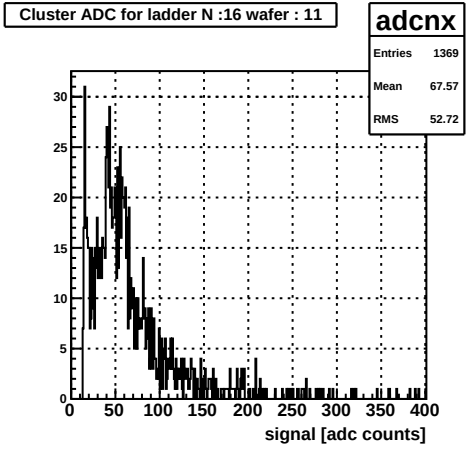

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1877
Mean 52.87
RMS 51.56
signal [adc counts]

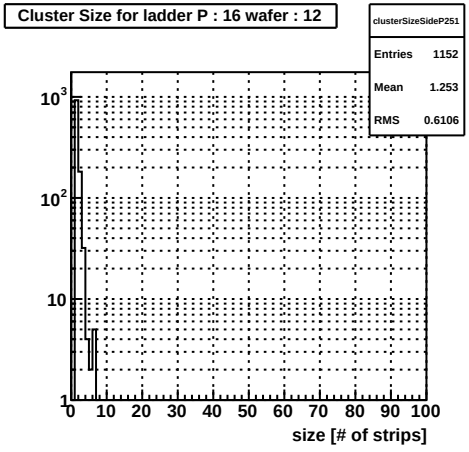

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1446
Mean 1.299
RMS 0.6062
size [# of strips]

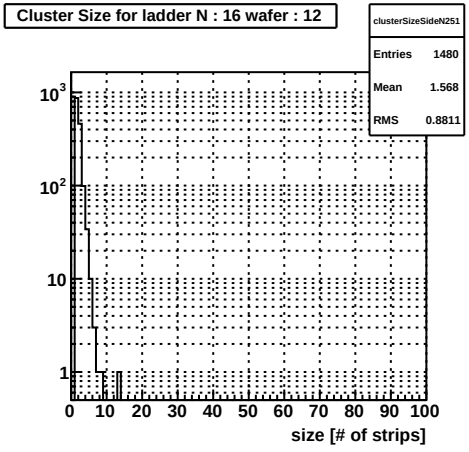

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1369
Mean 1.575
RMS 0.7676
size [# of strips]

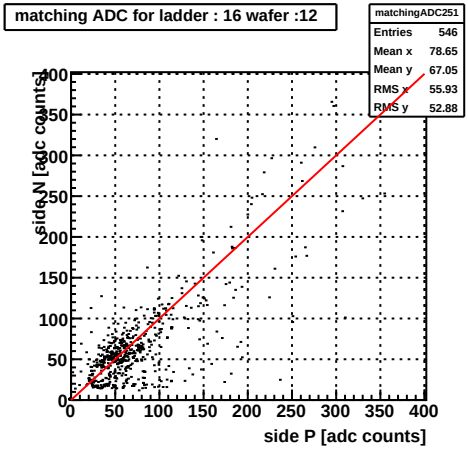

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1083
Mean x 73.15
Mean y 73.45
RMS x 54.65
RMS y 53.53
side N [adc counts]
side P [adc counts]

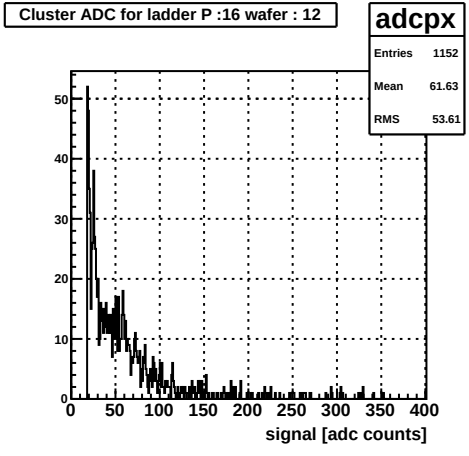

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1446
Mean 59.98
RMS 52.2
signal [adc counts]

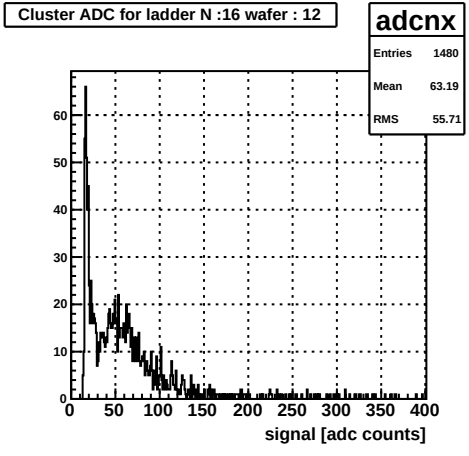

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1369
Mean 67.57
RMS 52.72
signal [adc counts]

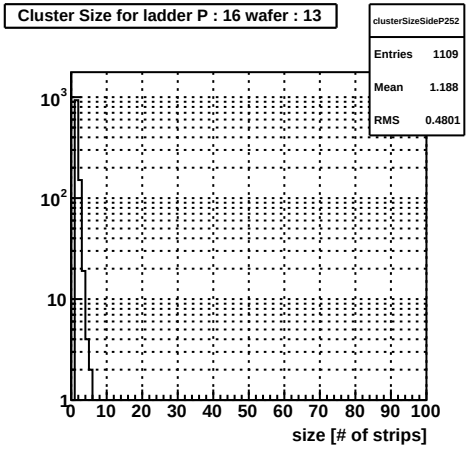

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1152
Mean 1.253
RMS 0.6106
size [# of strips]

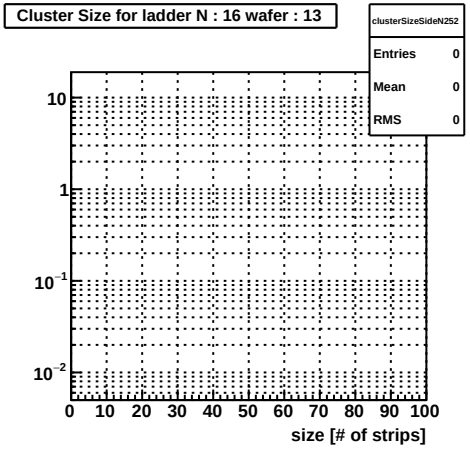

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1480
Mean 1.568
RMS 0.8811
size [# of strips]

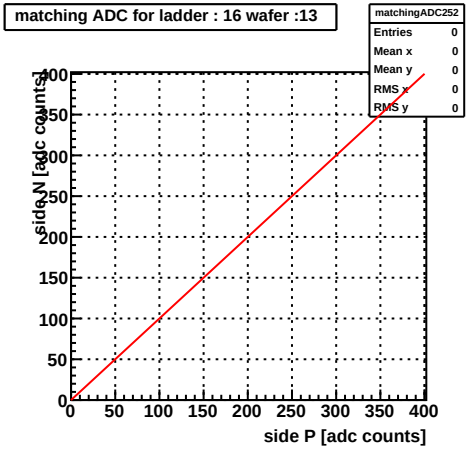

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 546
Mean x 78.65
Mean y 67.05
RMS x 55.93
RMS y 52.88
side N [adc counts]
side P [adc counts]

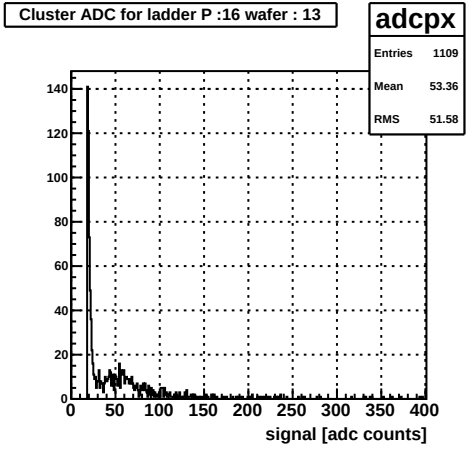

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1152
Mean 61.63
RMS 53.61
signal [adc counts]

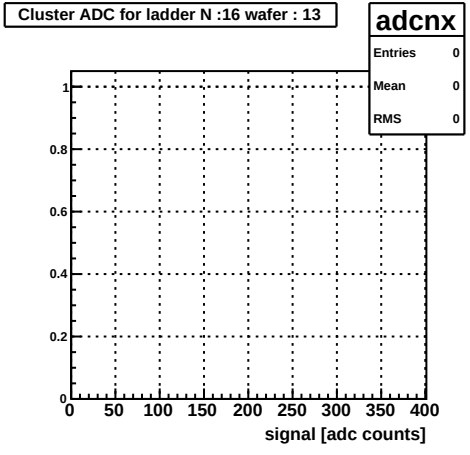

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1480
Mean 63.19
RMS 55.71
signal [adc counts]

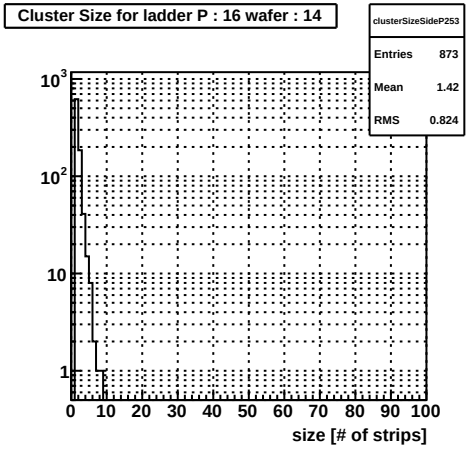

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1109
Mean 1.188
RMS 0.4801
size [# of strips]

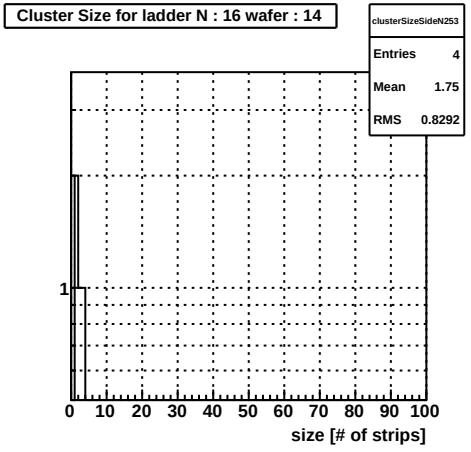

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

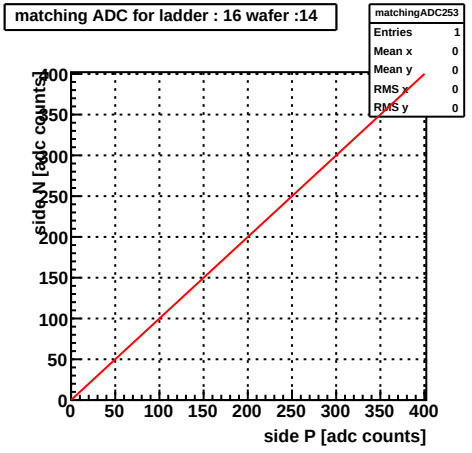

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

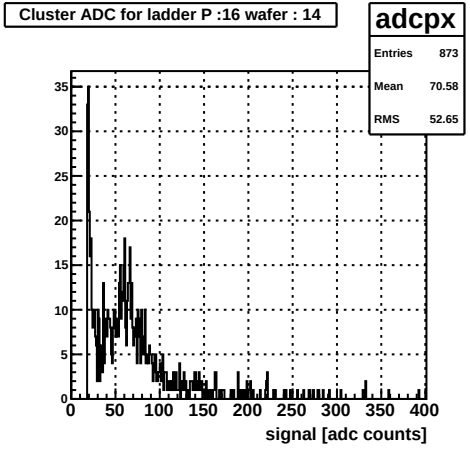

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1109
Mean 53.36
RMS 51.58
signal [adc counts]

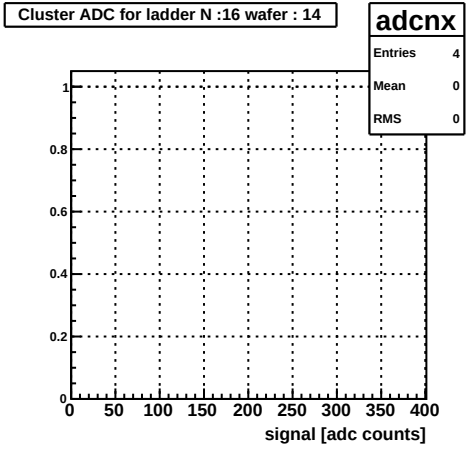

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

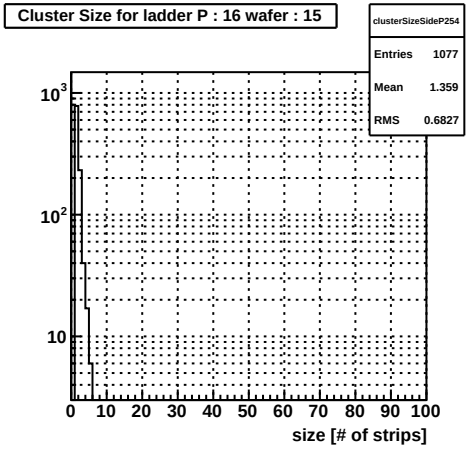

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 873
Mean 1.42
RMS 0.824
size [# of strips]

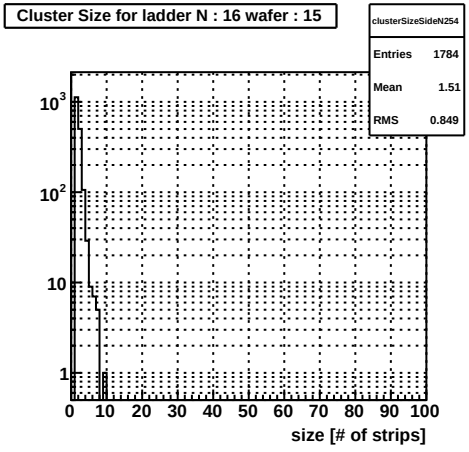

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 4
Mean 1.75
RMS 0.8292
size [# of strips]

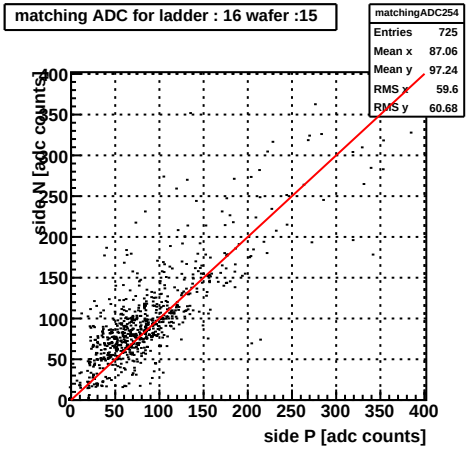

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

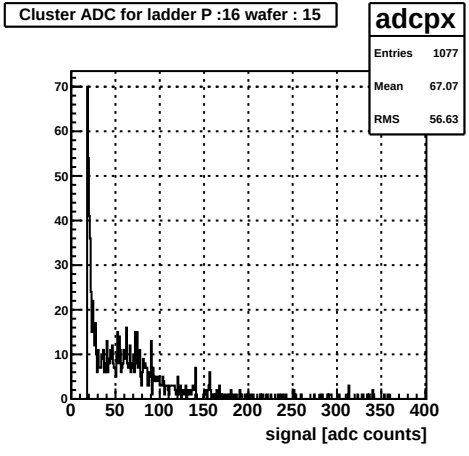

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 873
Mean 70.58
RMS 52.65
signal [adc counts]

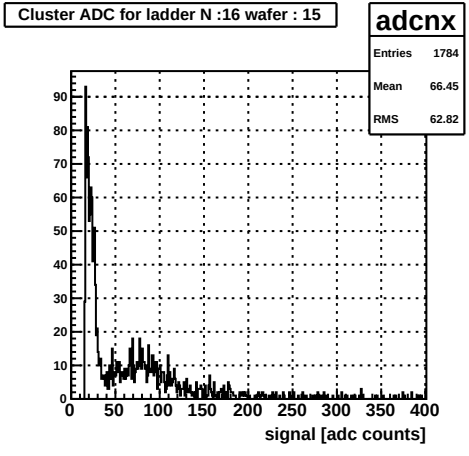

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

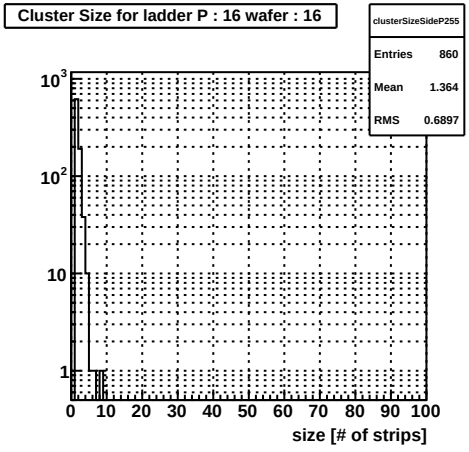

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1077
Mean 1.359
RMS 0.6827
size [# of strips]

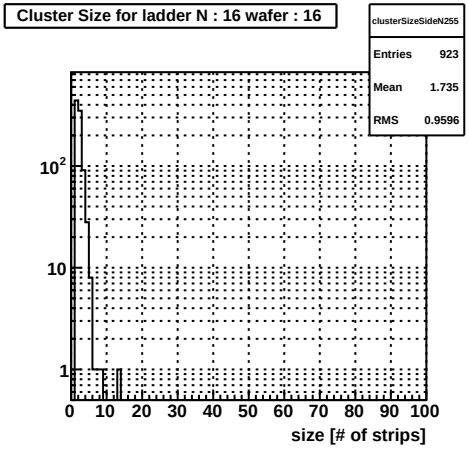

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1784
Mean 1.51
RMS 0.849
size [# of strips]

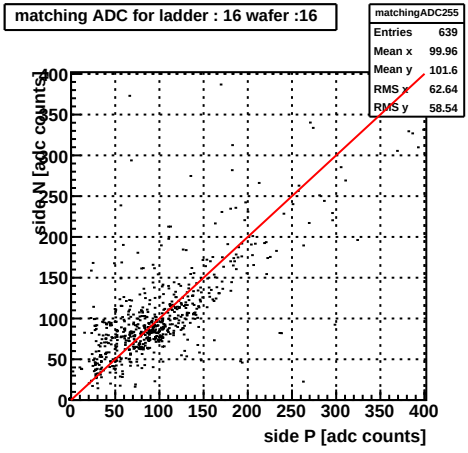

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 725
Mean x 87.06
Mean y 97.24
RMS x 59.6
RMS y 60.68
side N [adc counts]
side P [adc counts]

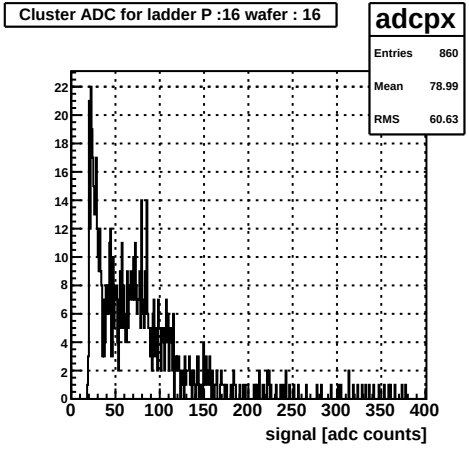

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1077
Mean 67.07
RMS 56.63
signal [adc counts]

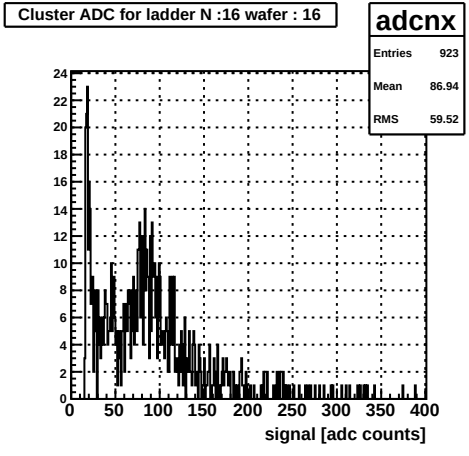

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1784
Mean 66.45
RMS 62.82
signal [adc counts]

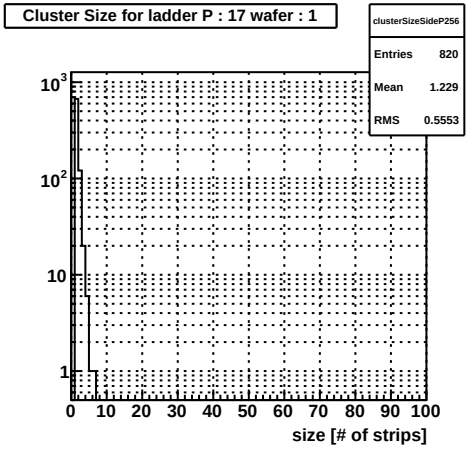

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 860
Mean 1.364
RMS 0.6897
size [# of strips]

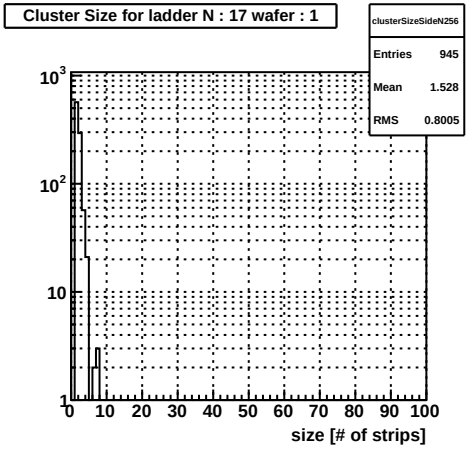

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 923
Mean 1.735
RMS 0.9596
size [# of strips]

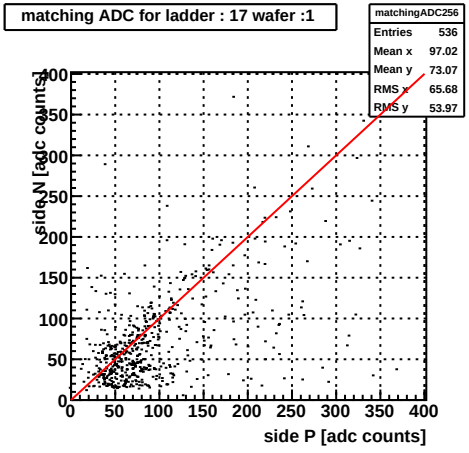

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 639
Mean x 99.96
Mean y 101.6
RMS x 62.64
RMS y 58.54
side N [adc counts]
side P [adc counts]

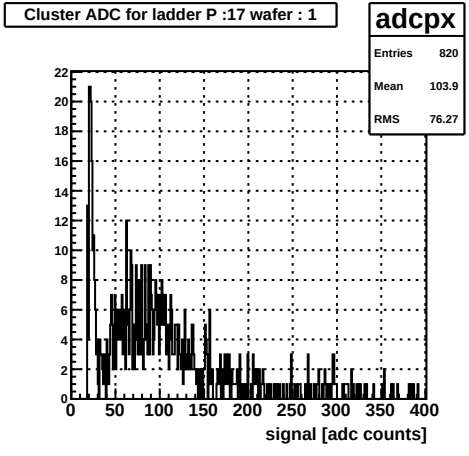

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 860
Mean 78.99
RMS 60.63
signal [adc counts]

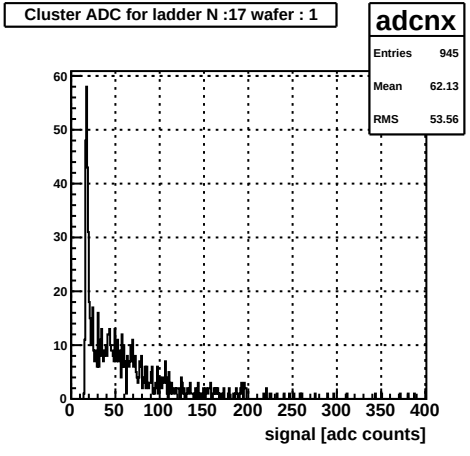

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 923
Mean 86.94
RMS 59.52
signal [adc counts]

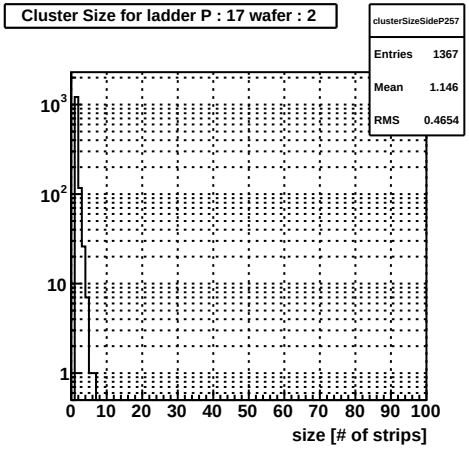

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 820
Mean 1.229
RMS 0.5553
size [# of strips]

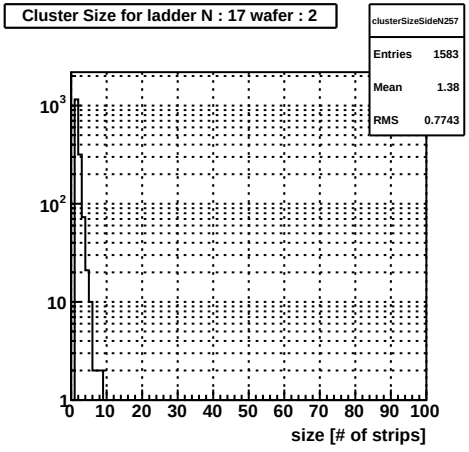

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 945
Mean 1.528
RMS 0.8005
size [# of strips]

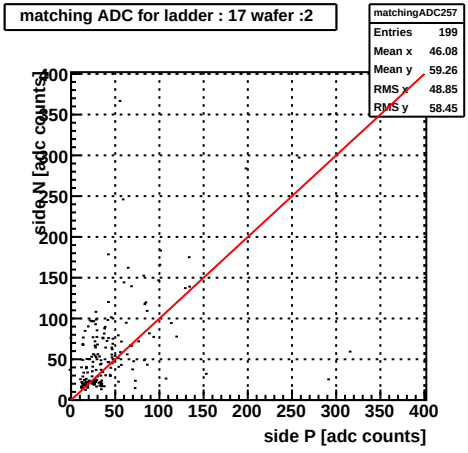

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 536
Mean x 97.02
Mean y 73.07
RMS x 65.68
RMS y 53.97
side N [adc counts]
side P [adc counts]

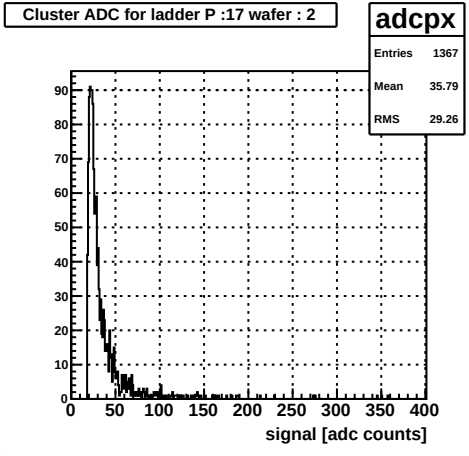

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 820
Mean 103.9
RMS 76.27
signal [adc counts]

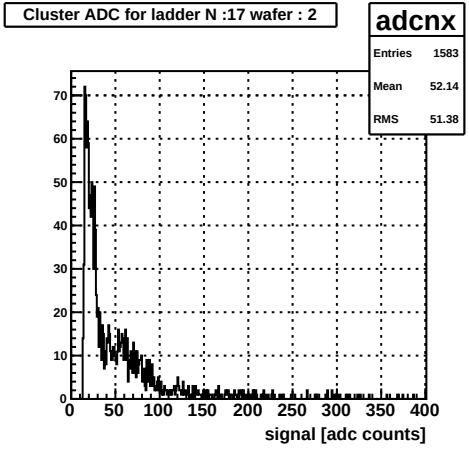

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 945
Mean 62.13
RMS 53.56
signal [adc counts]

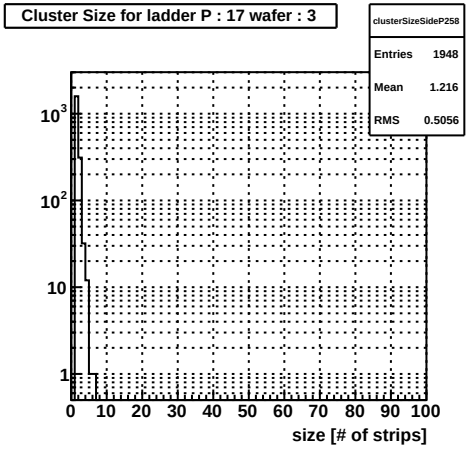

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 1367
Mean 1.146
RMS 0.4654
size [# of strips]

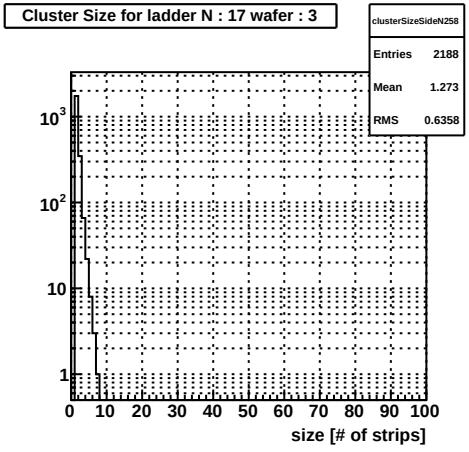

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 1583
Mean 1.38
RMS 0.7743
size [# of strips]

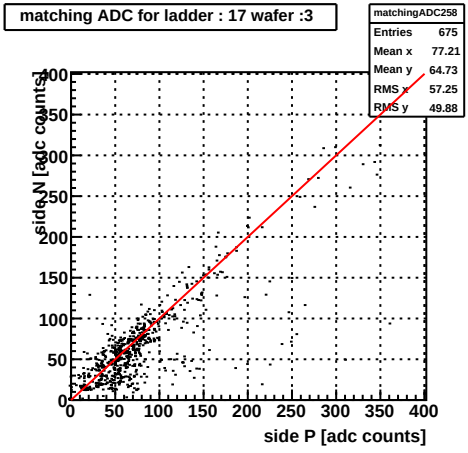

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 199
Mean x 46.08
Mean y 59.26
RMS x 48.85
RMS y 58.45
side N [adc counts]
side P [adc counts]

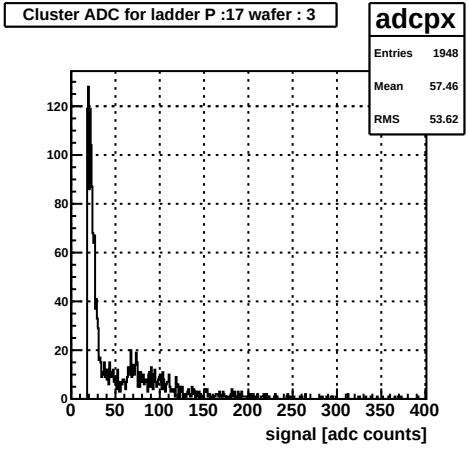

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 1367
Mean 35.79
RMS 29.26
signal [adc counts]

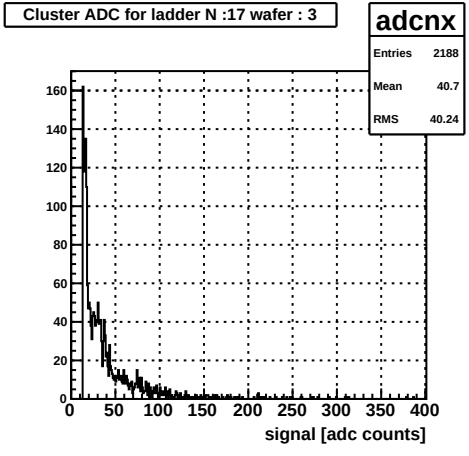

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 1583
Mean 52.14
RMS 51.38
signal [adc counts]

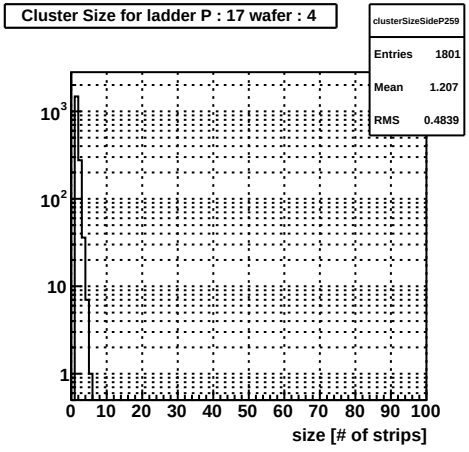

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 1948
Mean 1.216
RMS 0.5056
size [# of strips]

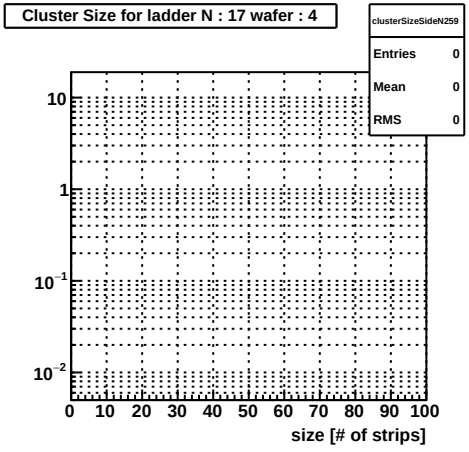

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 2188
Mean 1.273
RMS 0.6358
size [# of strips]

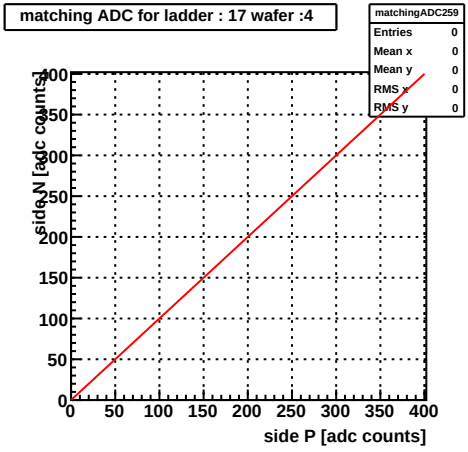

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 675
Mean x 77.21
Mean y 64.73
RMS x 57.25
RMS y 49.88
side N [adc counts]
side P [adc counts]

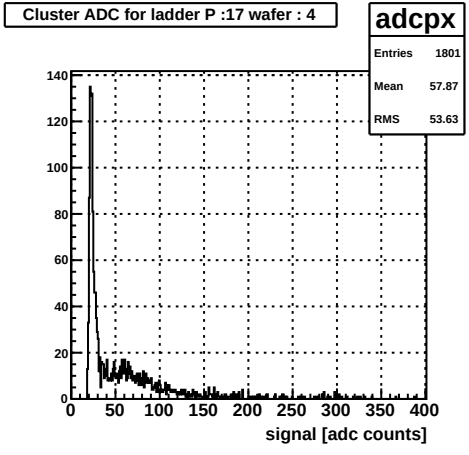

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 1948
Mean 57.46
RMS 53.62
signal [adc counts]

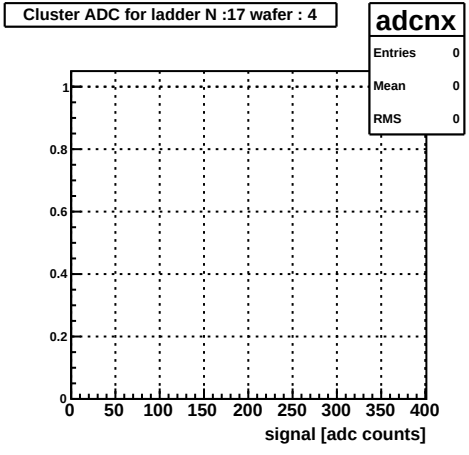

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 2188
Mean 40.7
RMS 40.24
signal [adc counts]

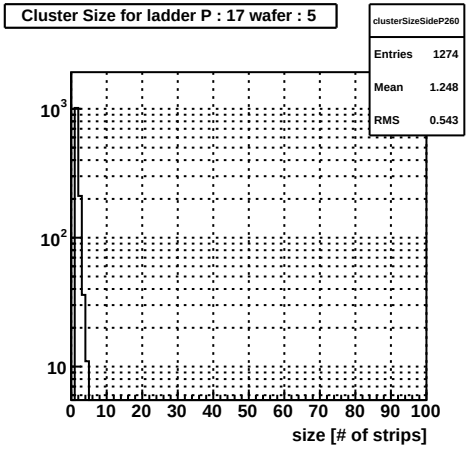

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 1801
Mean 1.207
RMS 0.4839
size [# of strips]

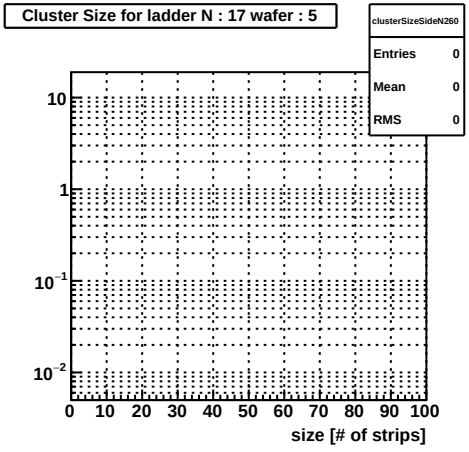

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

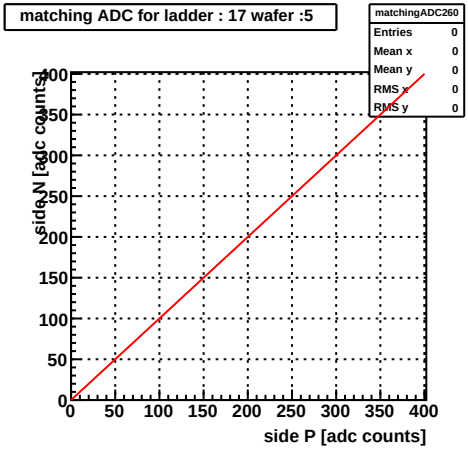

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

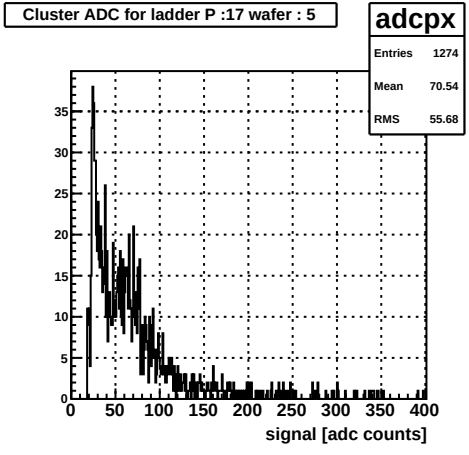

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 1801
Mean 57.87
RMS 53.63
signal [adc counts]

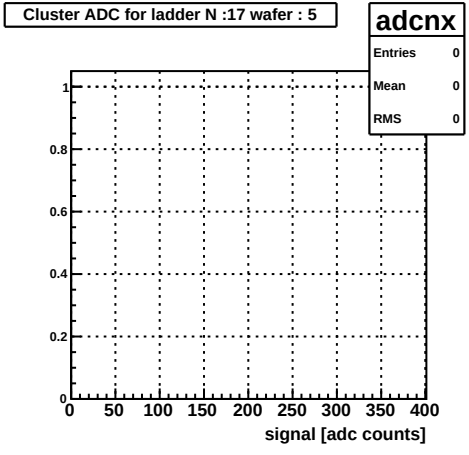

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

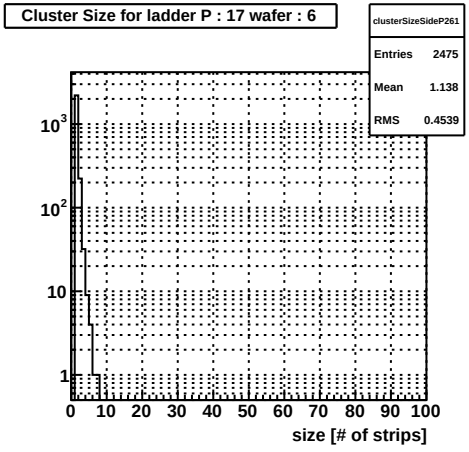

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1274
Mean 1.248
RMS 0.543
size [# of strips]

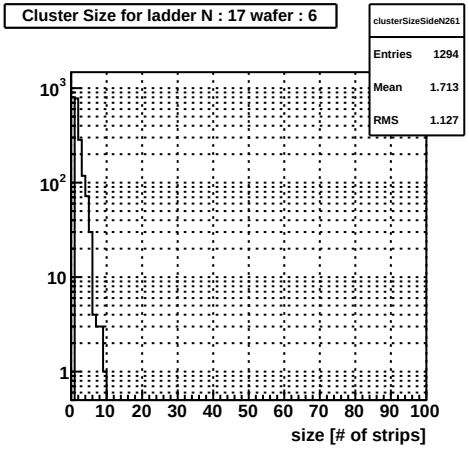

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

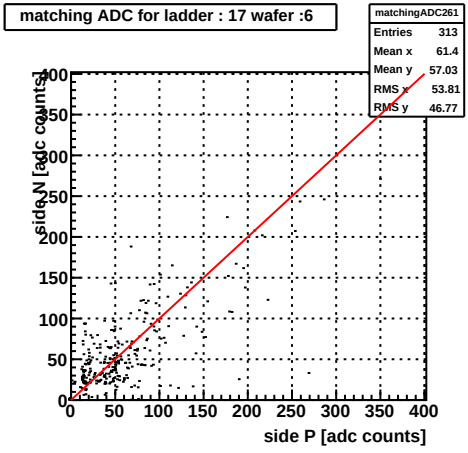

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

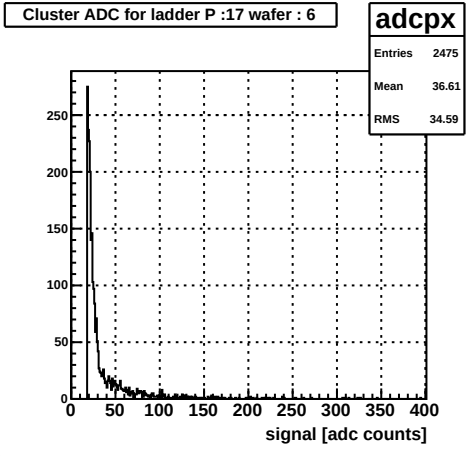

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1274
Mean 70.54
RMS 55.68
signal [adc counts]

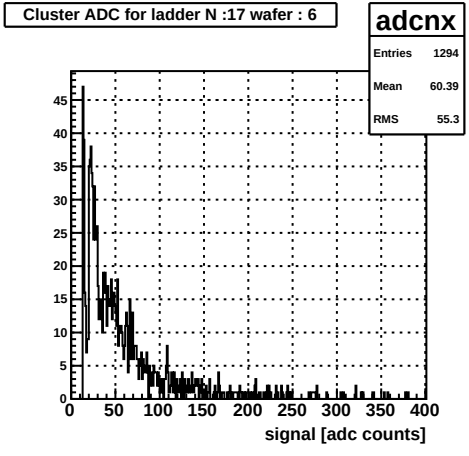

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

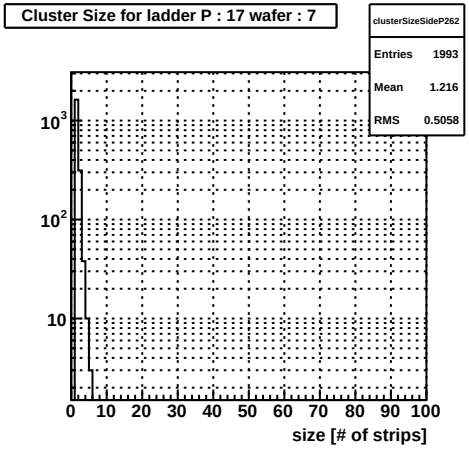

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 2475
Mean 1.138
RMS 0.4539
size [# of strips]

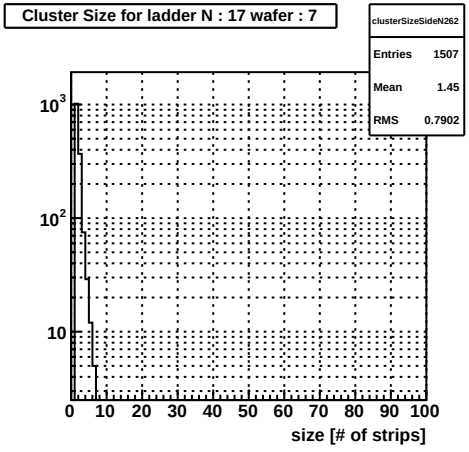

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1294
Mean 1.713
RMS 1.127
size [# of strips]

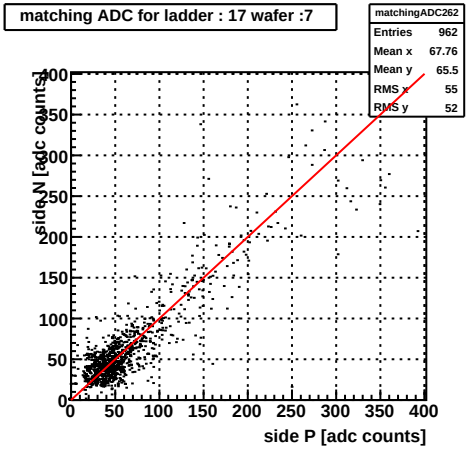

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 313
Mean x 61.4
Mean y 57.03
RMS x 53.81
RMS y 46.77
side N [adc counts]
side P [adc counts]

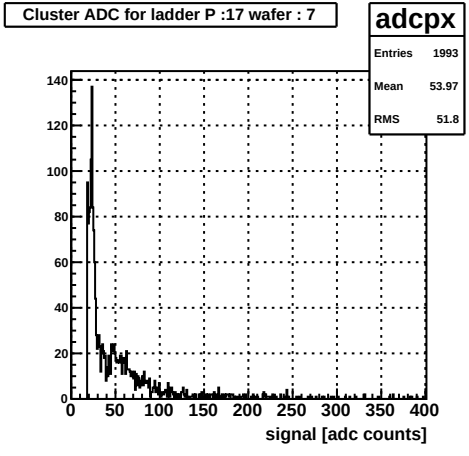

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 2475
Mean 36.61
RMS 34.59
signal [adc counts]

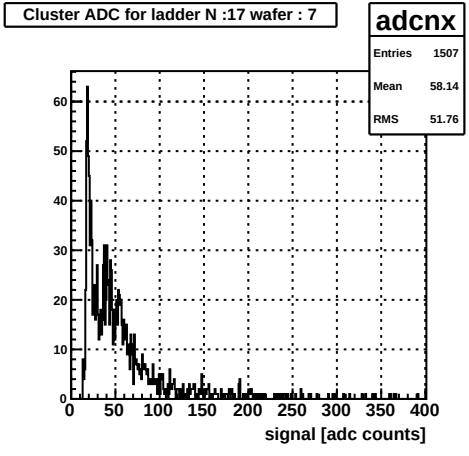

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1294
Mean 60.39
RMS 55.3
signal [adc counts]

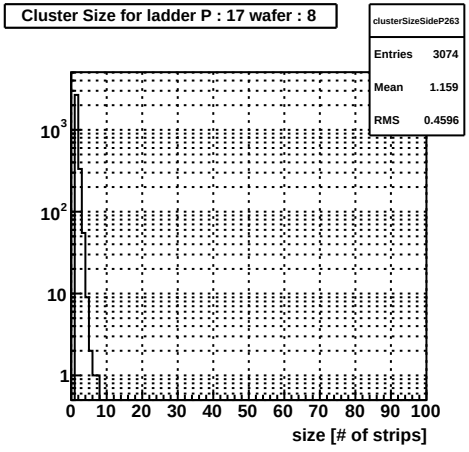

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 1993
Mean 1.216
RMS 0.5058
size [# of strips]

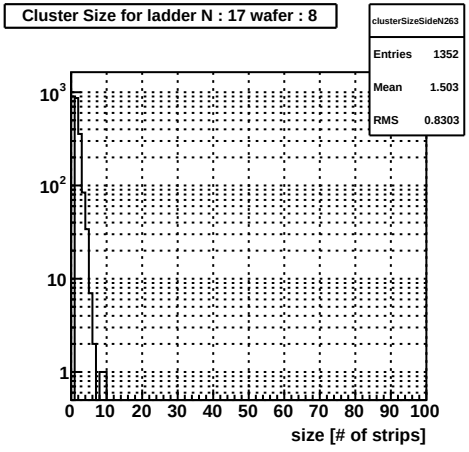

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1507
Mean 1.45
RMS 0.7902
size [# of strips]

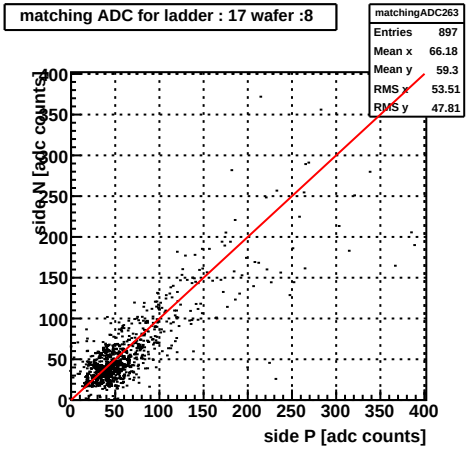

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 962
Mean x 67.76
Mean y 65.5
RMS x 55
RMS y 52
side N [adc counts]
side P [adc counts]

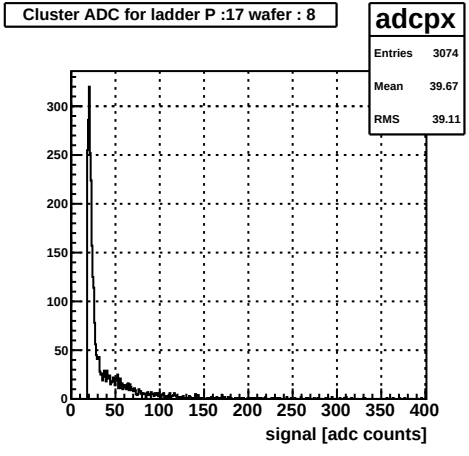

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 1993
Mean 53.97
RMS 51.8
signal [adc counts]

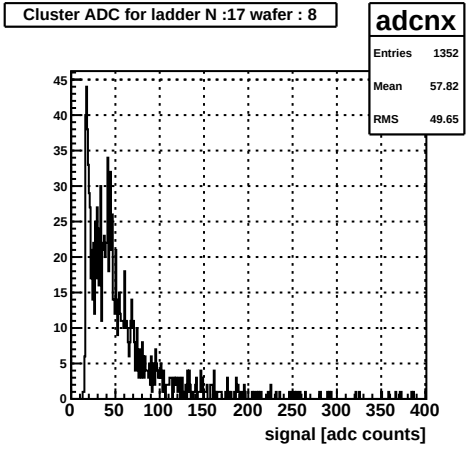

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1507
Mean 58.14
RMS 51.76
signal [adc counts]

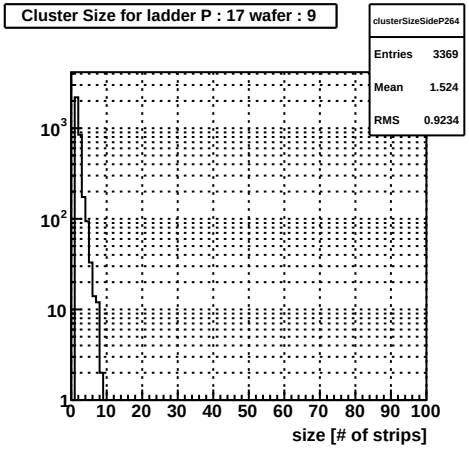

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 3074
Mean 1.159
RMS 0.4596
size [# of strips]

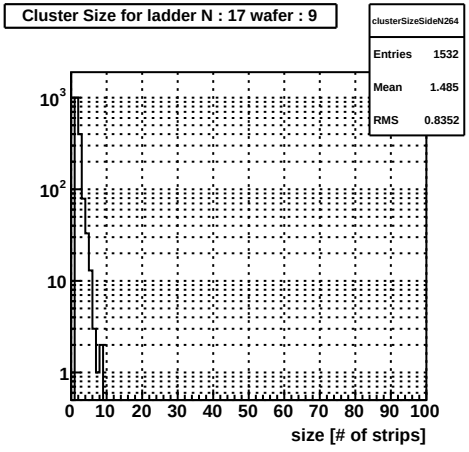

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1352
Mean 1.503
RMS 0.8303
size [# of strips]

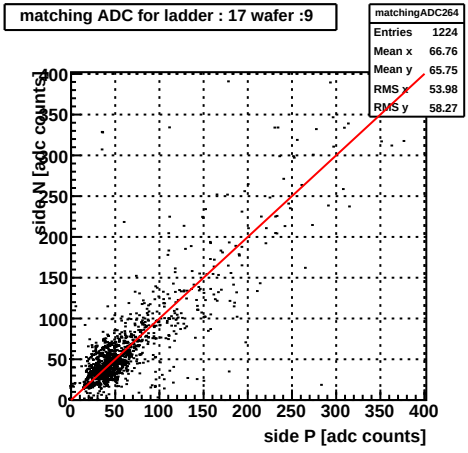

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 897
Mean x 66.18
Mean y 59.3
RMS x 53.51
RMS y 47.81
side N [adc counts]
side P [adc counts]

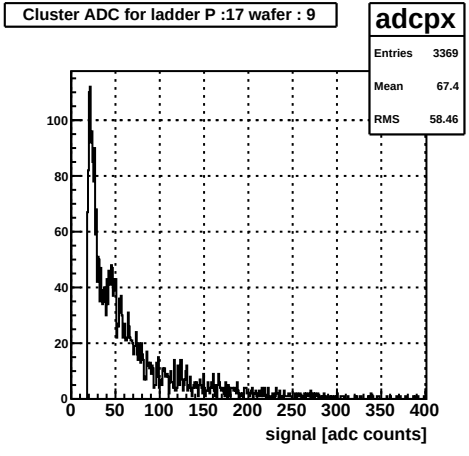

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 3074
Mean 39.67
RMS 39.11
signal [adc counts]

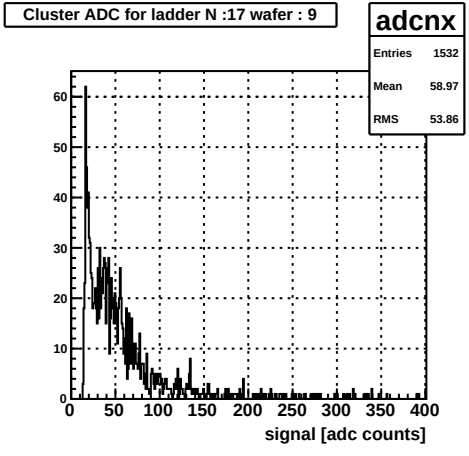

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1352
Mean 57.82
RMS 49.65
signal [adc counts]

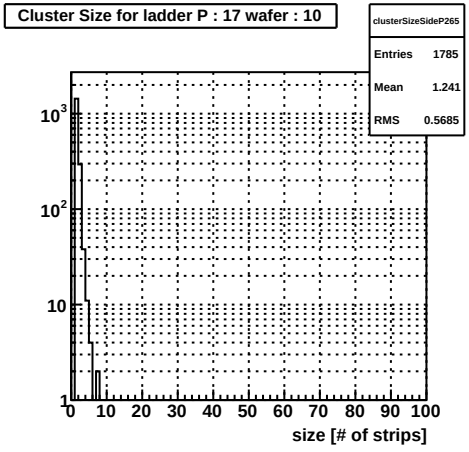

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 3369
Mean 1.524
RMS 0.9234
size [# of strips]

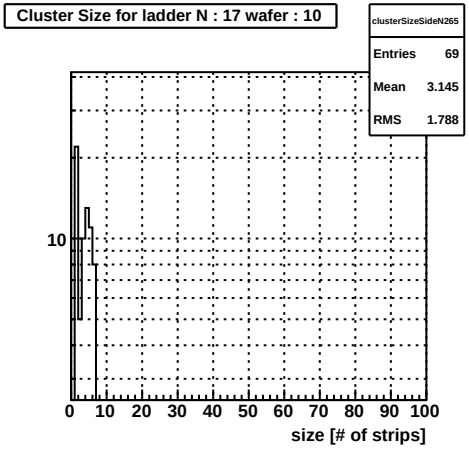

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1532
Mean 1.485
RMS 0.8352
size [# of strips]

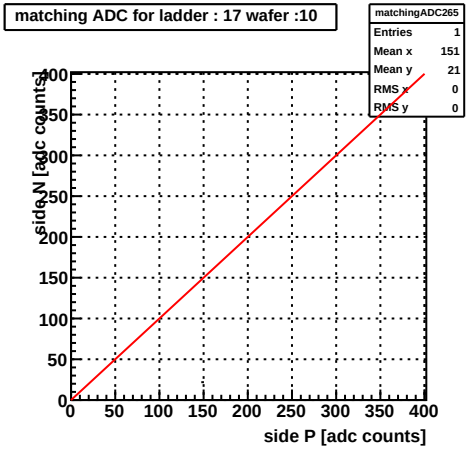

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1224
Mean x 66.76
Mean y 65.75
RMS x 53.98
RMS y 58.27
side N [adc counts]
side P [adc counts]

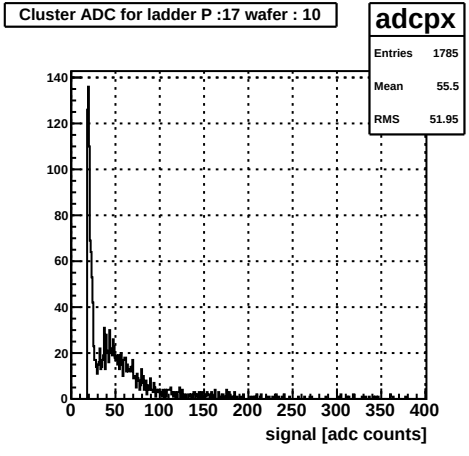

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 3369
Mean 67.4
RMS 58.46
signal [adc counts]

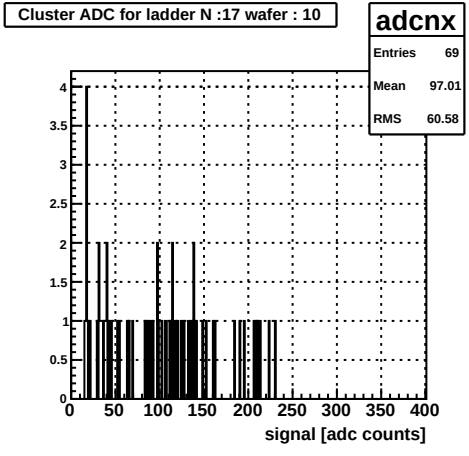

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1532
Mean 58.97
RMS 53.86
signal [adc counts]

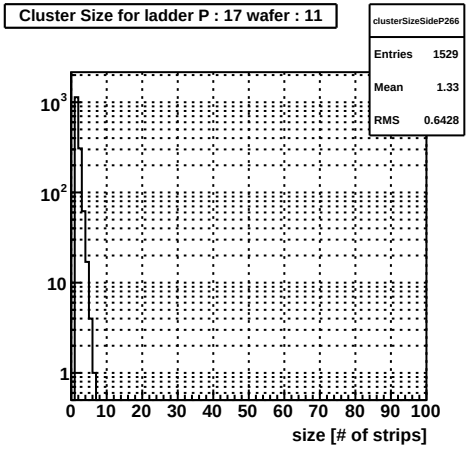

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1785
Mean 1.241
RMS 0.5685
size [# of strips]

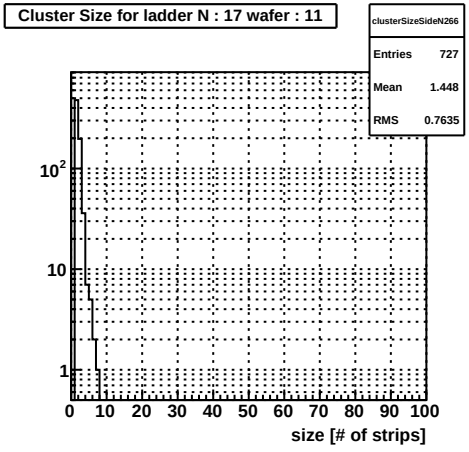

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 69
Mean 3.145
RMS 1.788
size [# of strips]

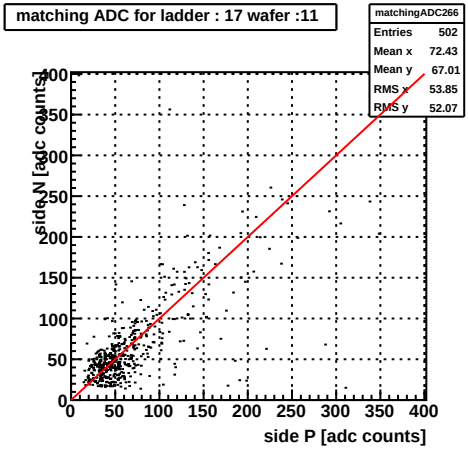

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 151
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

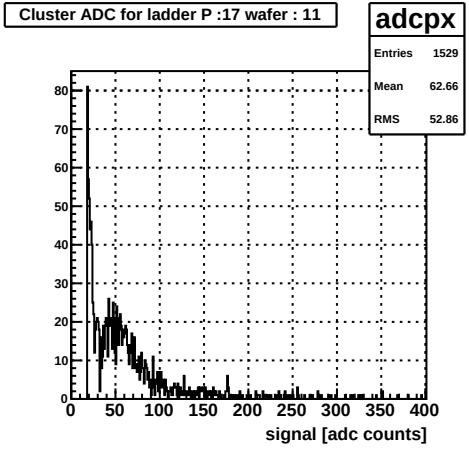

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1785
Mean 55.5
RMS 51.95
signal [adc counts]

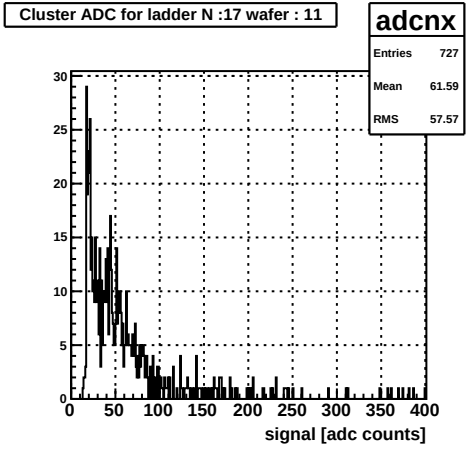

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 69
Mean 97.01
RMS 60.58
signal [adc counts]

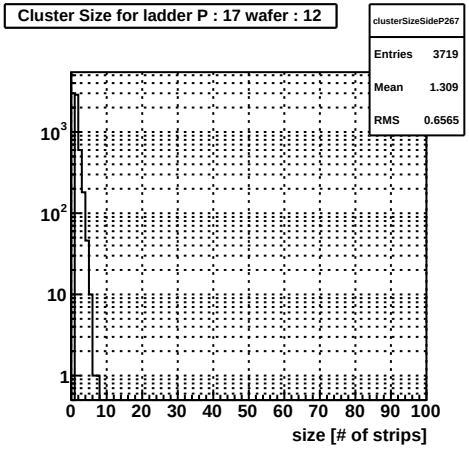

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1529
Mean 1.33
RMS 0.6428
size [# of strips]

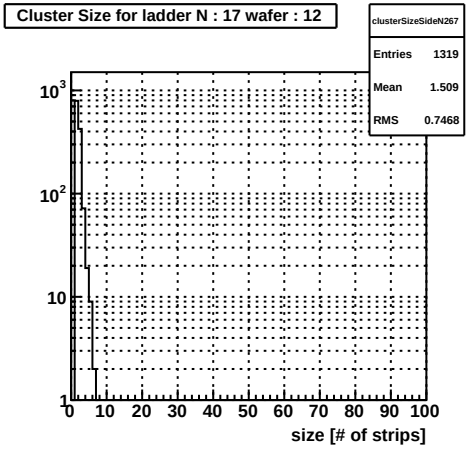

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 727
Mean 1.448
RMS 0.7635
size [# of strips]

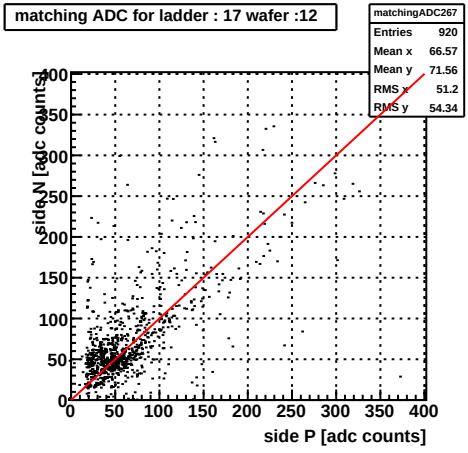

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 502
Mean x 72.43
Mean y 67.01
RMS x 53.85
RMS y 52.07
side N [adc counts]
side P [adc counts]

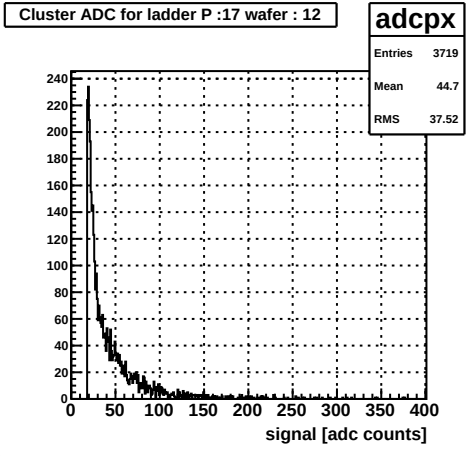

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1529
Mean 62.66
RMS 52.86
signal [adc counts]

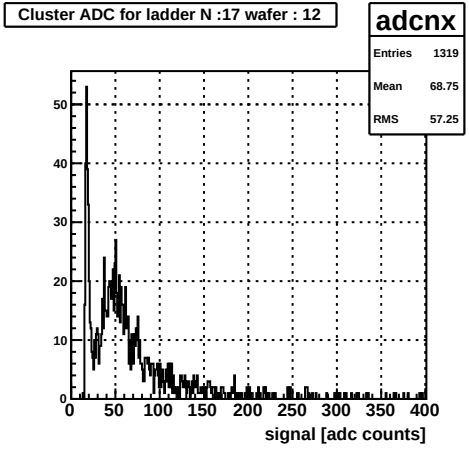

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 727
Mean 61.59
RMS 57.57
signal [adc counts]

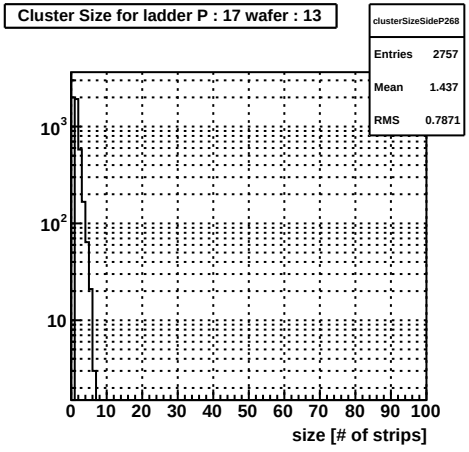

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 3719
Mean 1.309
RMS 0.6565
size [# of strips]

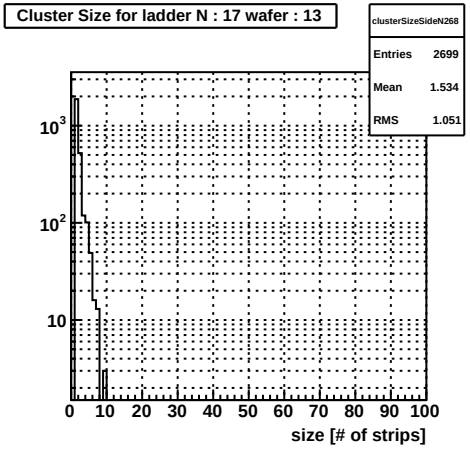

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1319
Mean 1.509
RMS 0.7468
size [# of strips]

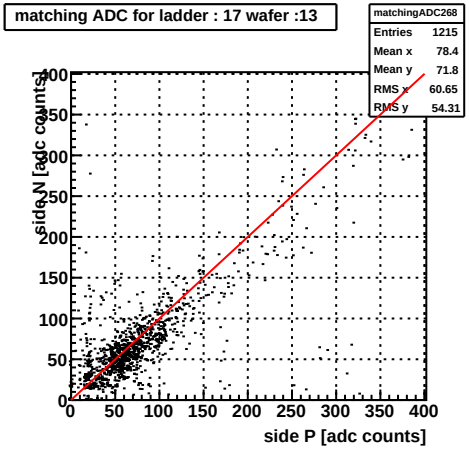

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 920
Mean x 66.57
Mean y 71.56
RMS x 51.2
RMS y 54.34
side N [adc counts]
side P [adc counts]

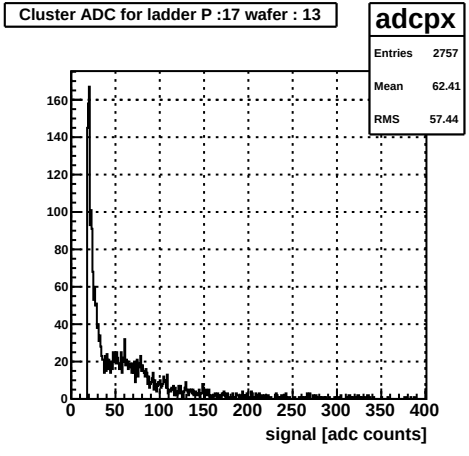

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 3719
Mean 44.7
RMS 37.52
signal [adc counts]

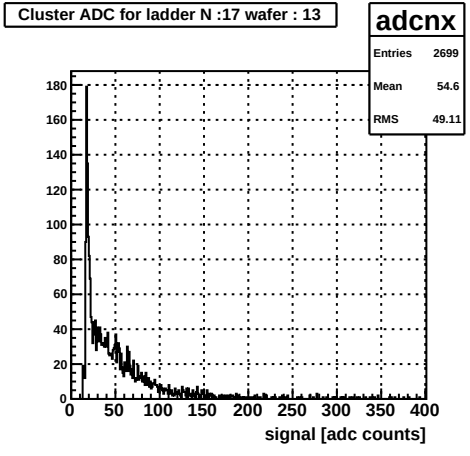

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1319
Mean 68.75
RMS 57.25
signal [adc counts]

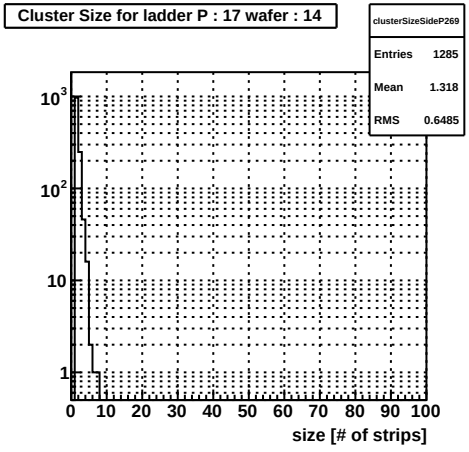

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2757
Mean 1.437
RMS 0.7871
size [# of strips]

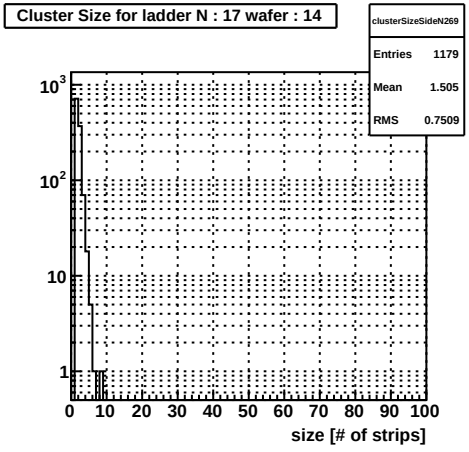

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 2699
Mean 1.534
RMS 1.051
size [# of strips]

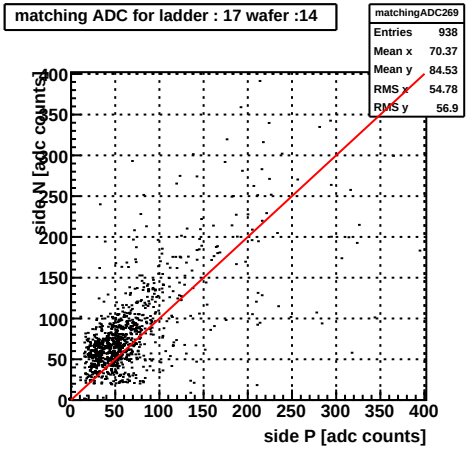

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1215
Mean x 78.4
Mean y 71.8
RMS x 60.65
RMS y 54.31
side N [adc counts]
side P [adc counts]

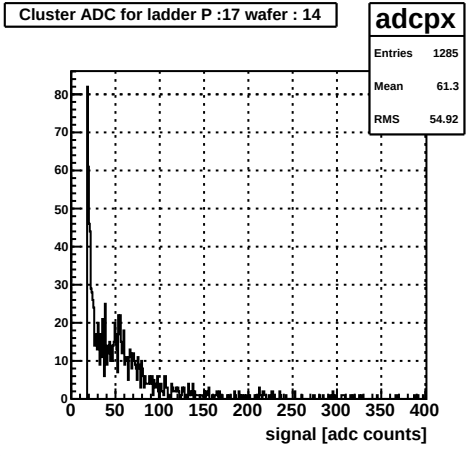

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2757
Mean 62.41
RMS 57.44
signal [adc counts]

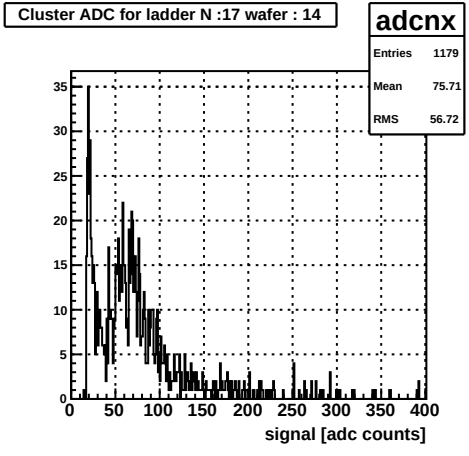

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 2699
Mean 54.6
RMS 49.11
signal [adc counts]

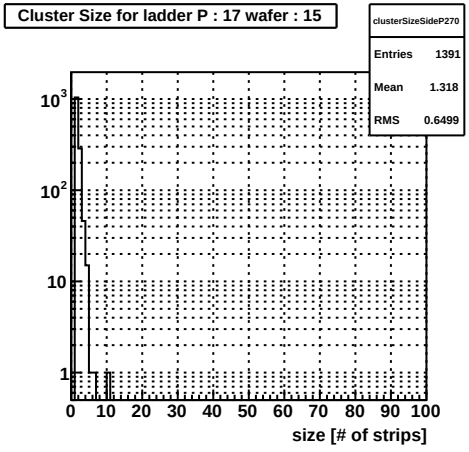

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1285
Mean 1.318
RMS 0.6485
size [# of strips]

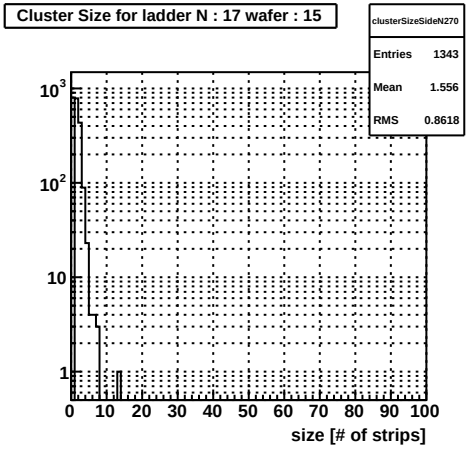

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1179
Mean 1.505
RMS 0.7509
size [# of strips]

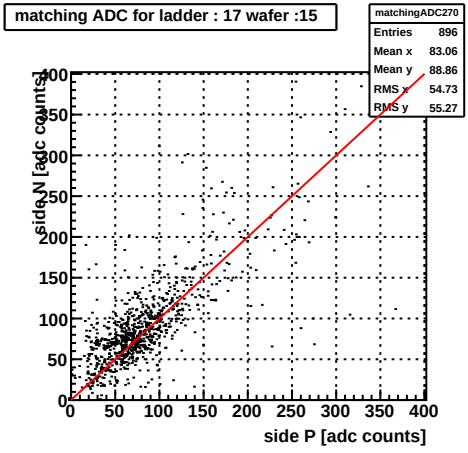

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 938
Mean x 70.37
Mean y 84.53
RMS x 54.78
RMS y 56.9
side N [adc counts]
side P [adc counts]

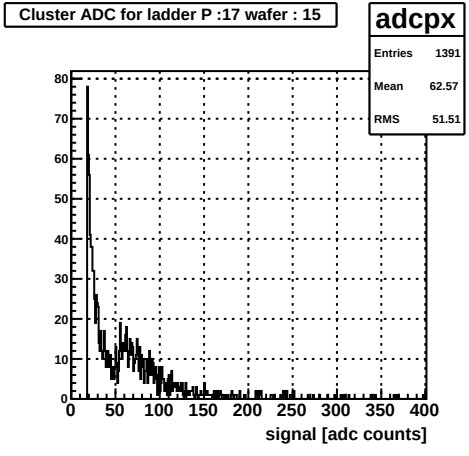

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1285
Mean 61.3
RMS 54.92
signal [adc counts]

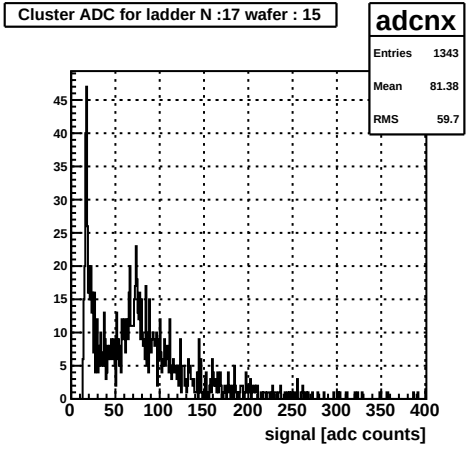

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1179
Mean 75.71
RMS 56.72
signal [adc counts]

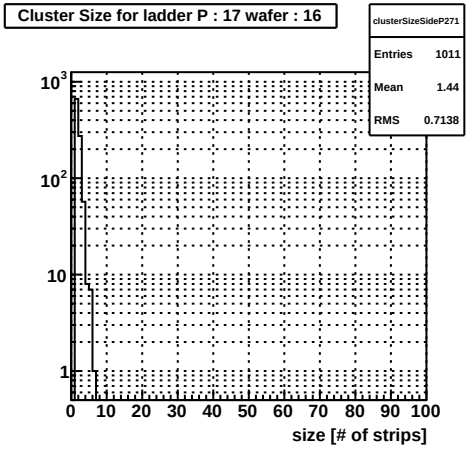

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1391
Mean 1.318
RMS 0.6499
size [# of strips]

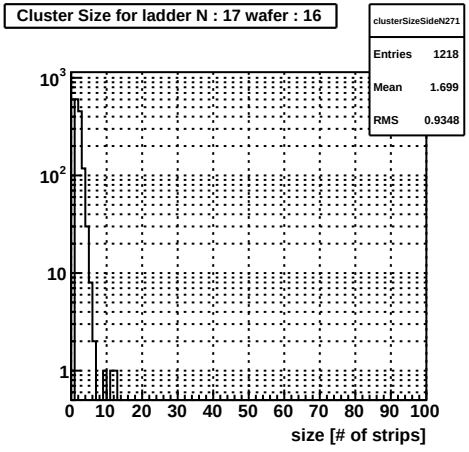

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1343
Mean 1.556
RMS 0.8618
size [# of strips]

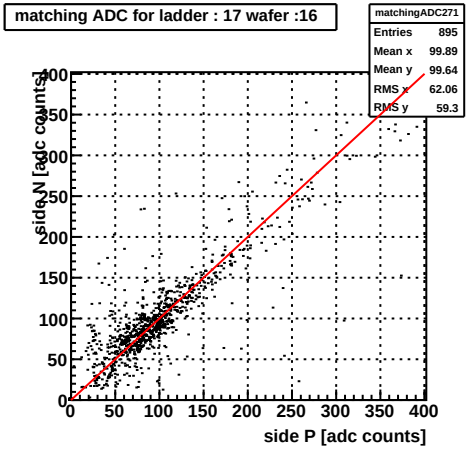

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 896
Mean x 83.06
Mean y 88.86
RMS x 54.73
RMS y 55.27
side N [adc counts]
side P [adc counts]

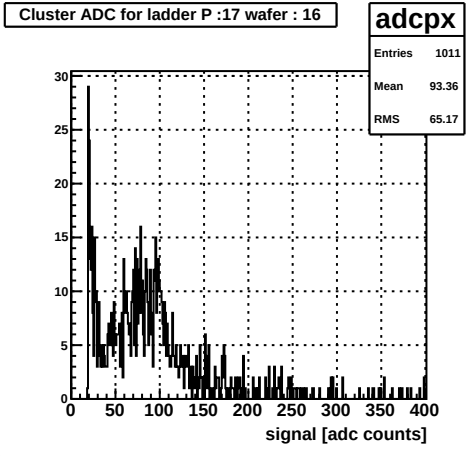

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1391
Mean 62.57
RMS 51.51
signal [adc counts]

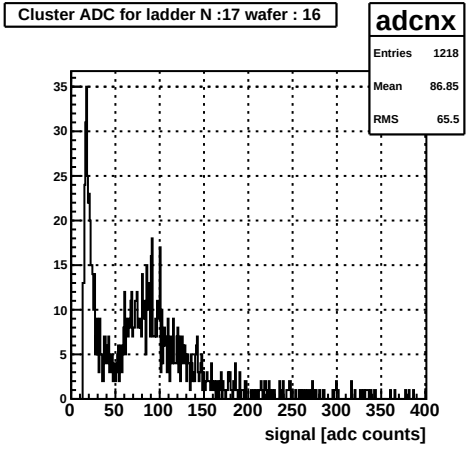

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1343
Mean 81.38
RMS 59.7
signal [adc counts]

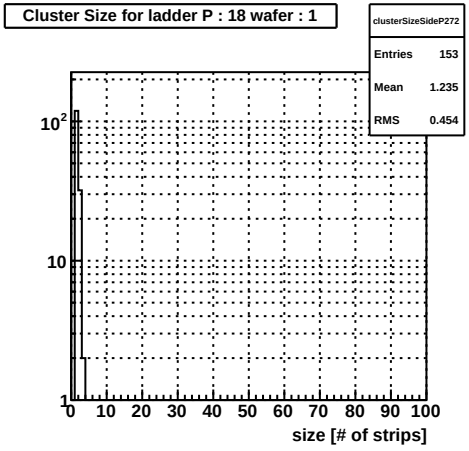

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1011
Mean 1.44
RMS 0.7138
size [# of strips]

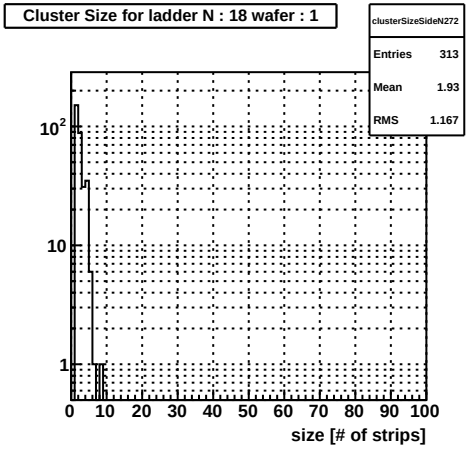

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1218
Mean 1.699
RMS 0.9348
size [# of strips]

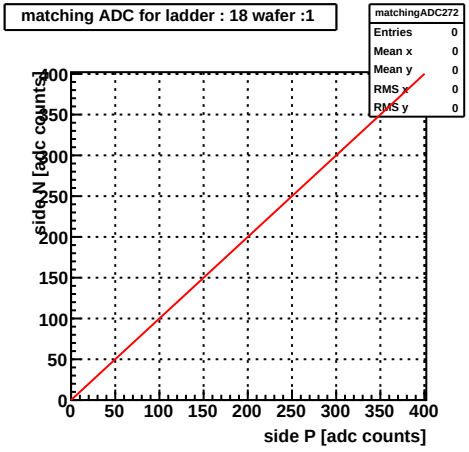

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 895
Mean x 99.89
Mean y 99.64
RMS x 62.06
RMS y 59.3
side N [adc counts]
side P [adc counts]

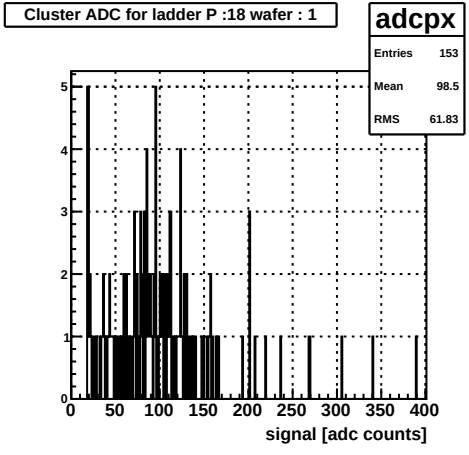

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1011
Mean 93.36
RMS 65.17
signal [adc counts]

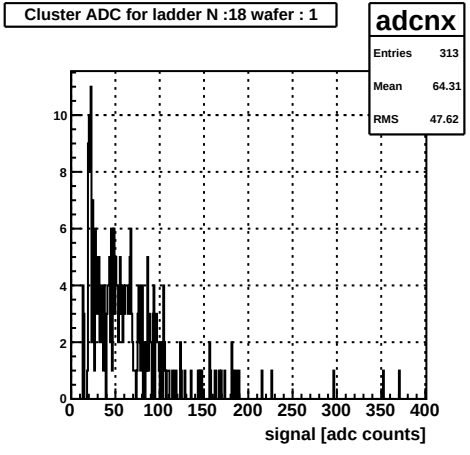

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1218
Mean 86.85
RMS 65.5
signal [adc counts]

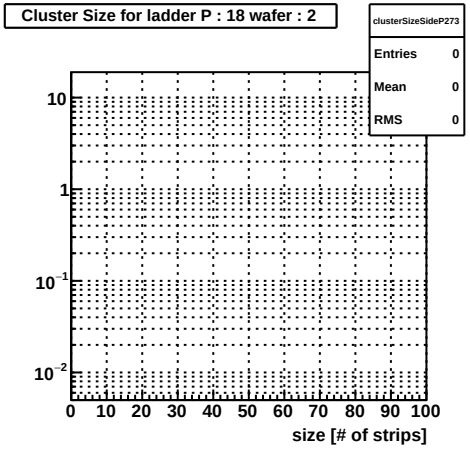

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 153
Mean 1.235
RMS 0.454
size [# of strips]

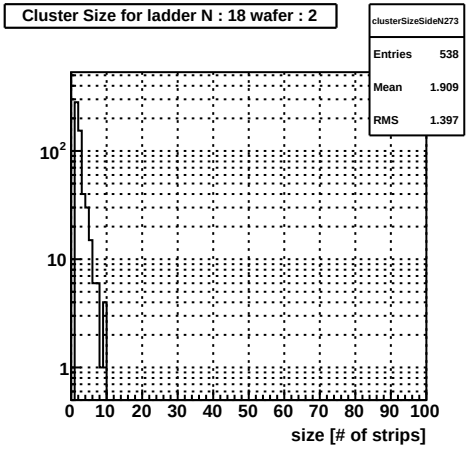

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 313
Mean 1.93
RMS 1.167
size [# of strips]

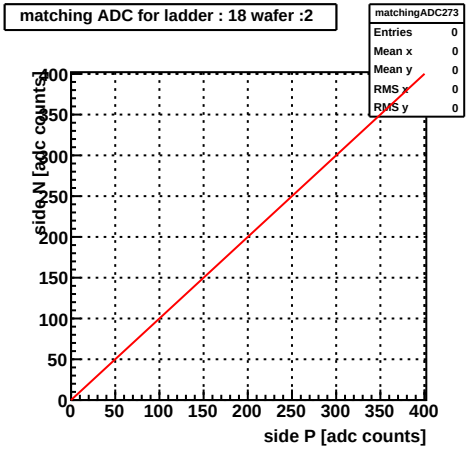

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

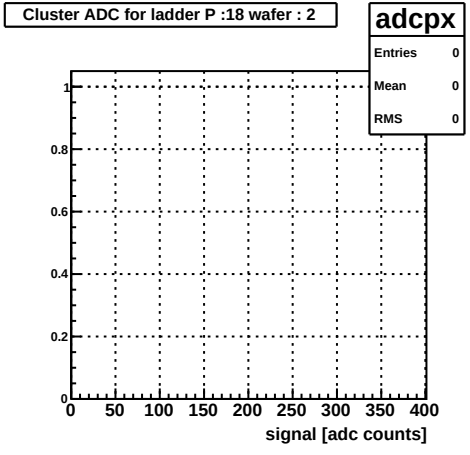

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 153
Mean 98.5
RMS 61.83
signal [adc counts]

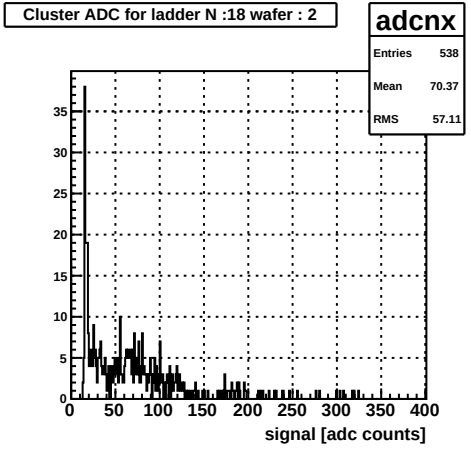

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 313
Mean 64.31
RMS 47.62
signal [adc counts]

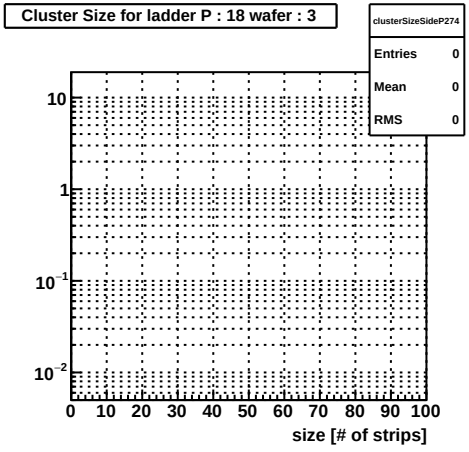

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

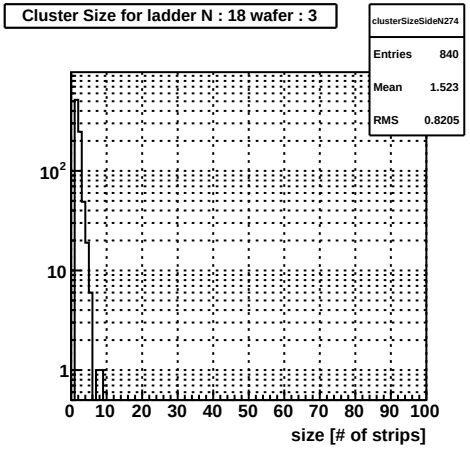

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 538
Mean 1.909
RMS 1.397
size [# of strips]

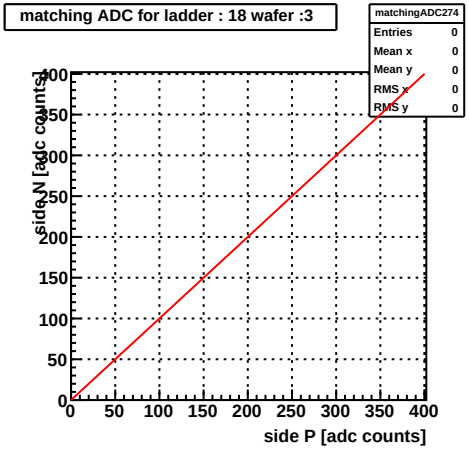

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

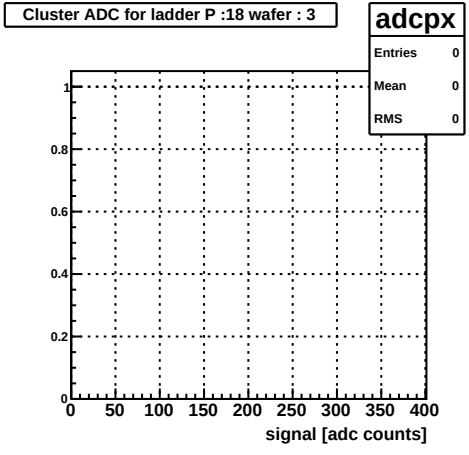

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

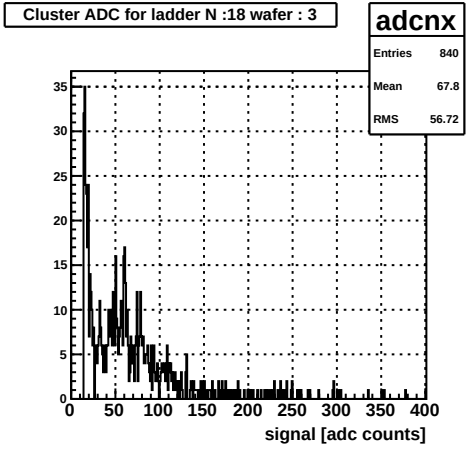

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 538
Mean 70.37
RMS 57.11
signal [adc counts]

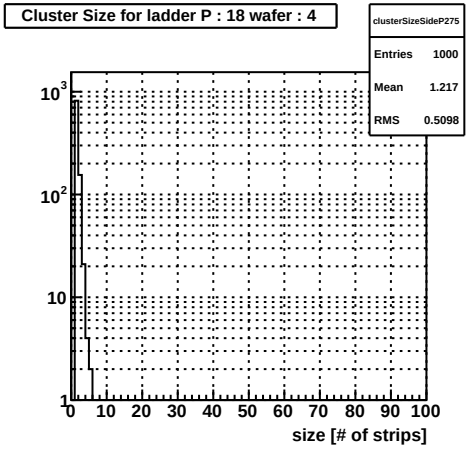

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

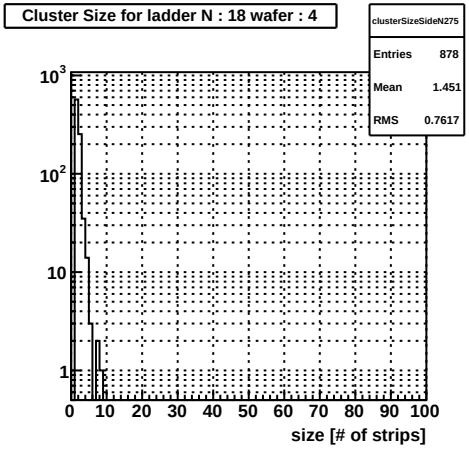

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 840
Mean 1.523
RMS 0.8205
size [# of strips]

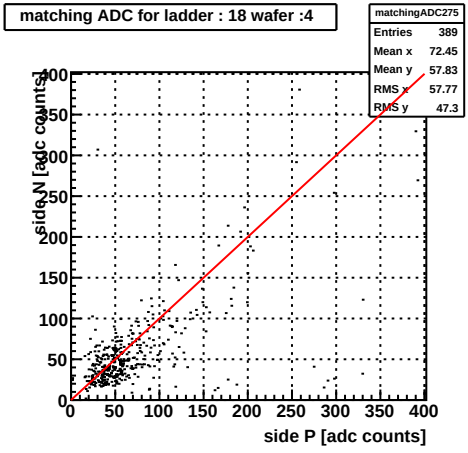

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

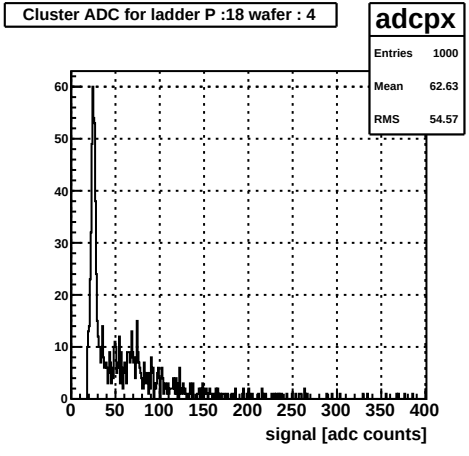

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

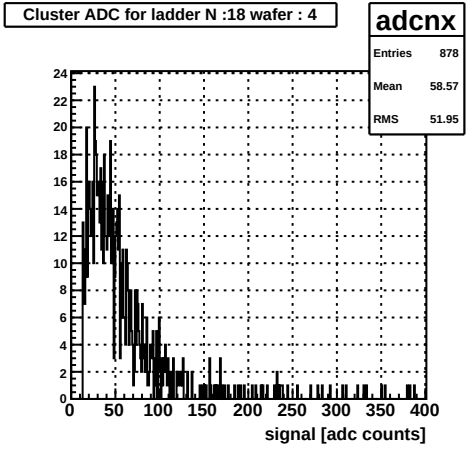

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 840
Mean 67.8
RMS 56.72
signal [adc counts]

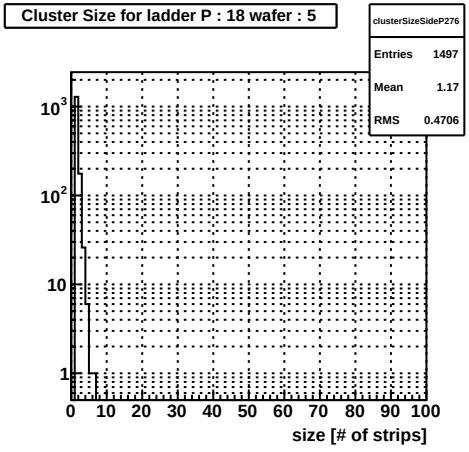

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 1000
Mean 1.217
RMS 0.5098
size [# of strips]

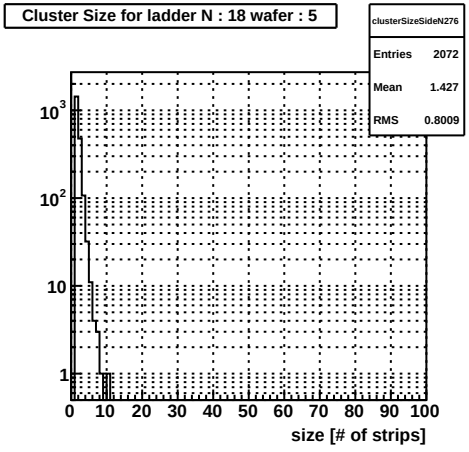

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 878
Mean 1.451
RMS 0.7617
size [# of strips]

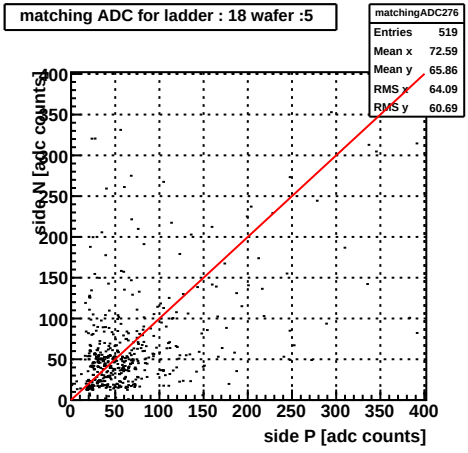

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 389
Mean x 72.45
Mean y 57.83
RMS x 57.77
RMS y 47.3
side N [adc counts]
side P [adc counts]

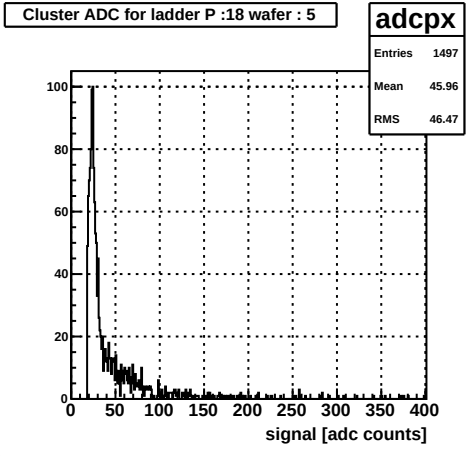

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 1000
Mean 62.63
RMS 54.57
signal [adc counts]

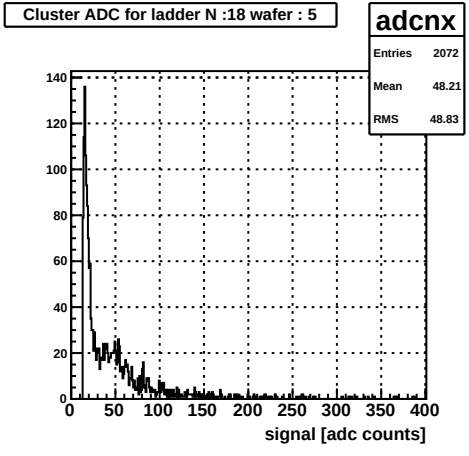

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 878
Mean 58.57
RMS 51.95
signal [adc counts]

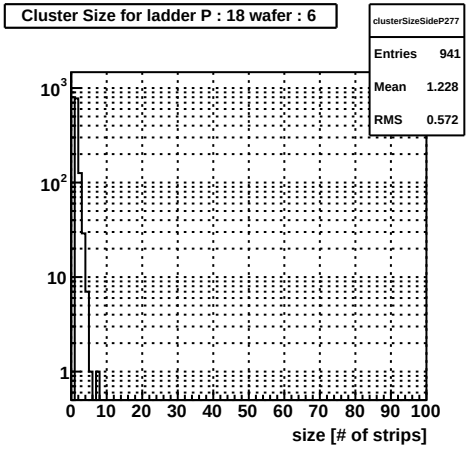

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 1497
Mean 1.17
RMS 0.4706
size [# of strips]

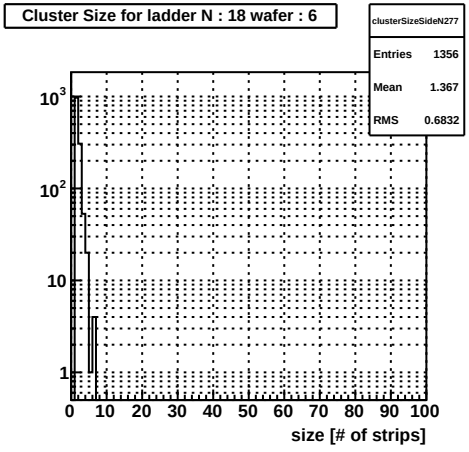

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2072
Mean 1.427
RMS 0.8009
size [# of strips]

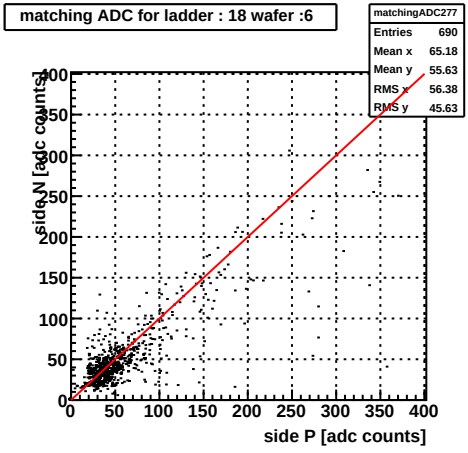

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 519
Mean x 72.59
Mean y 65.86
RMS x 64.09
RMS y 60.69
side N [adc counts]
side P [adc counts]

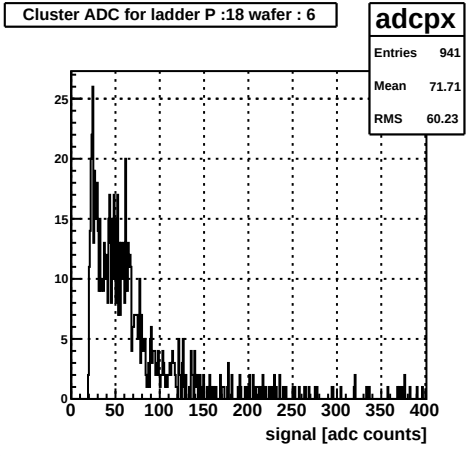

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 1497
Mean 45.96
RMS 46.47
signal [adc counts]

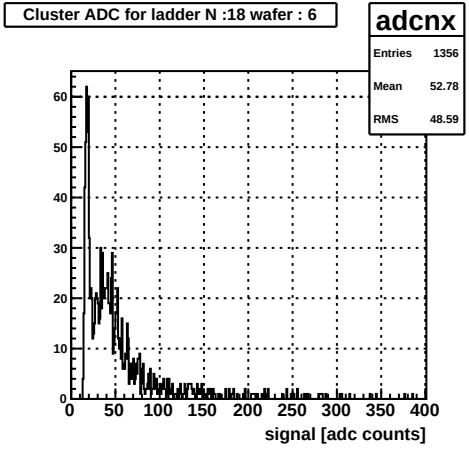

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2072
Mean 48.21
RMS 48.83
signal [adc counts]

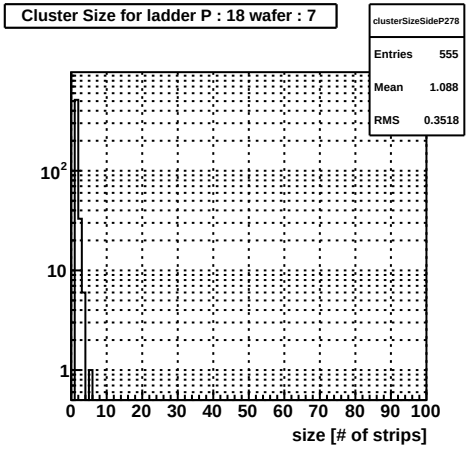

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 941
Mean 1.228
RMS 0.572
size [# of strips]

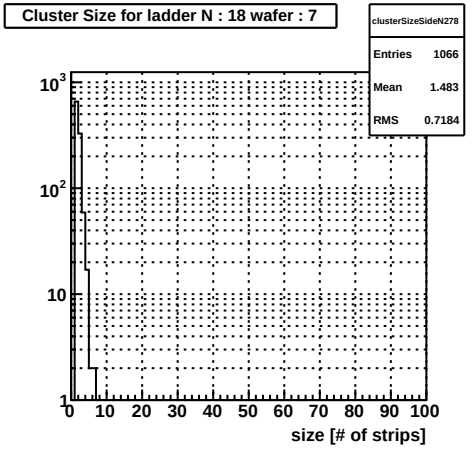

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1356
Mean 1.367
RMS 0.6832
size [# of strips]

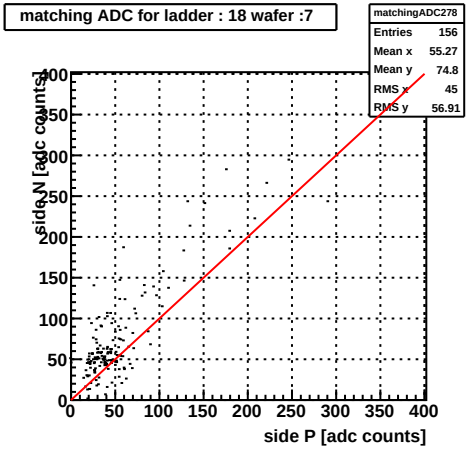

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 690
Mean x 65.18
Mean y 55.63
RMS x 56.38
RMS y 45.63
side N [adc counts]
side P [adc counts]

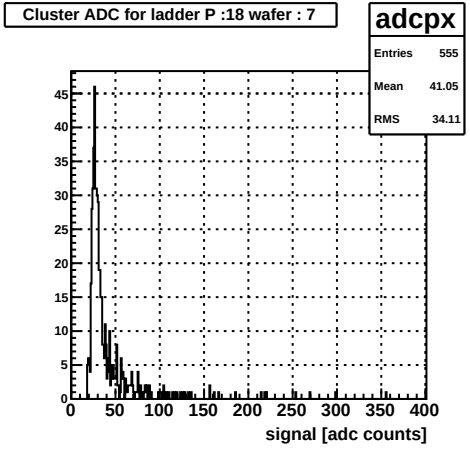

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 941
Mean 71.71
RMS 60.23
signal [adc counts]

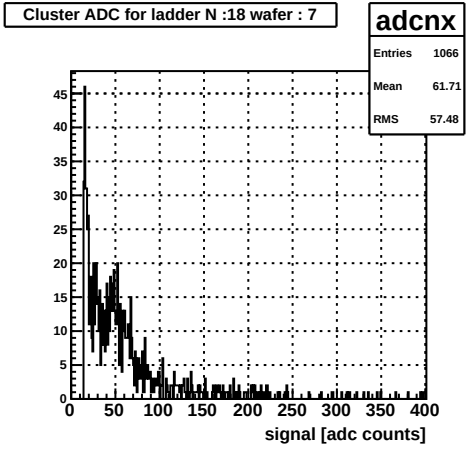

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1356
Mean 52.78
RMS 48.59
signal [adc counts]

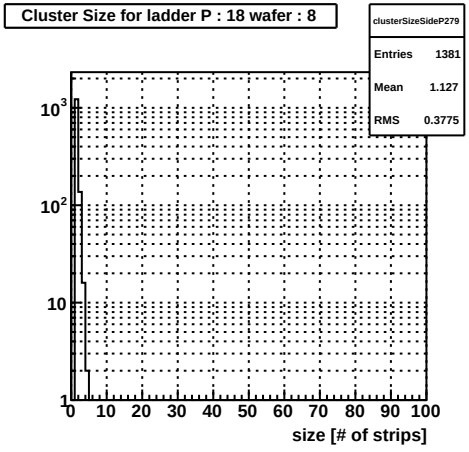

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 555
Mean 1.088
RMS 0.3518
size [# of strips]

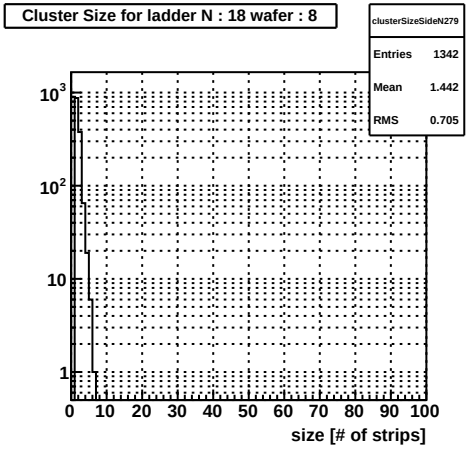

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1066
Mean 1.483
RMS 0.7184
size [# of strips]

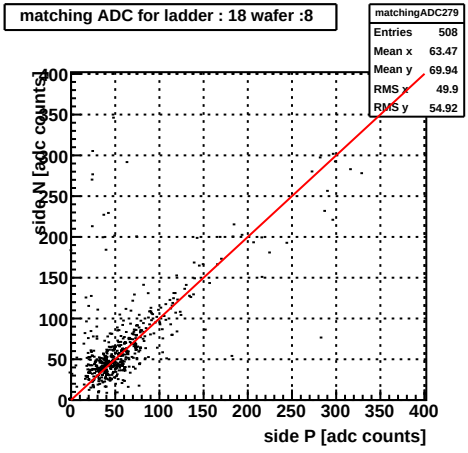

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 156
Mean x 55.27
Mean y 74.8
RMS x 45
RMS y 56.91
side N [adc counts]
side P [adc counts]

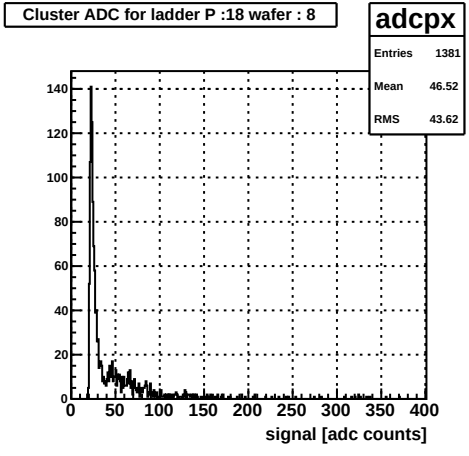

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 555
Mean 41.05
RMS 34.11
signal [adc counts]

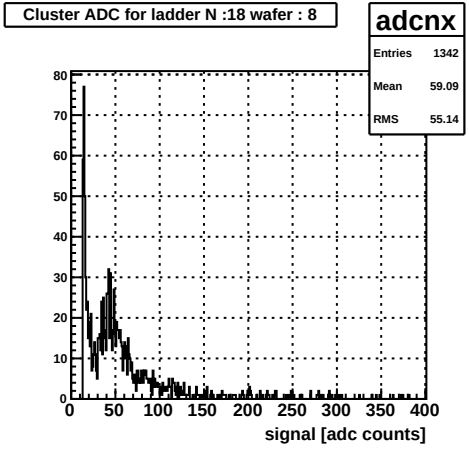

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1066
Mean 61.71
RMS 57.48
signal [adc counts]

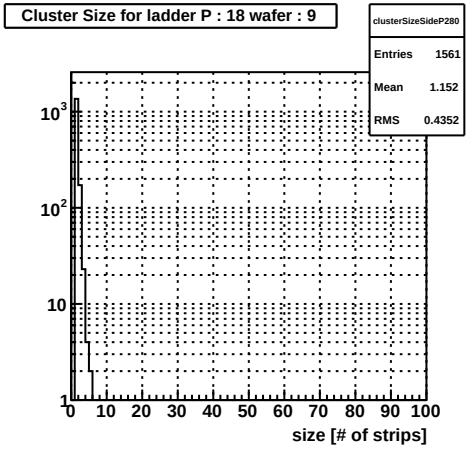

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 1381
Mean 1.127
RMS 0.3775
size [# of strips]

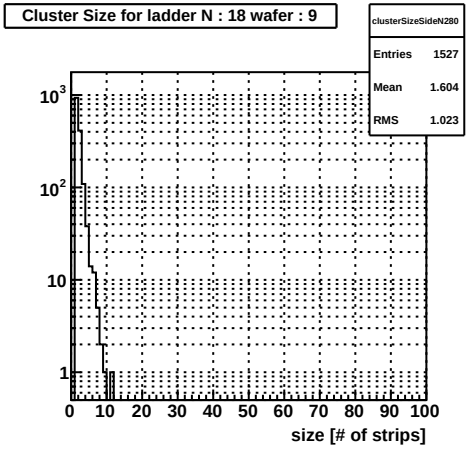

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1342
Mean 1.442
RMS 0.705
size [# of strips]

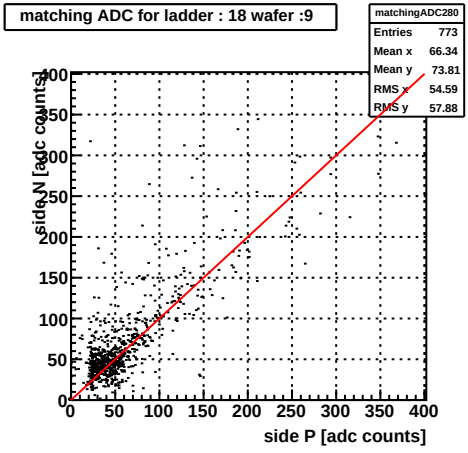

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 508
Mean x 63.47
Mean y 69.94
RMS x 49.9
RMS y 54.92
side N [adc counts]
side P [adc counts]

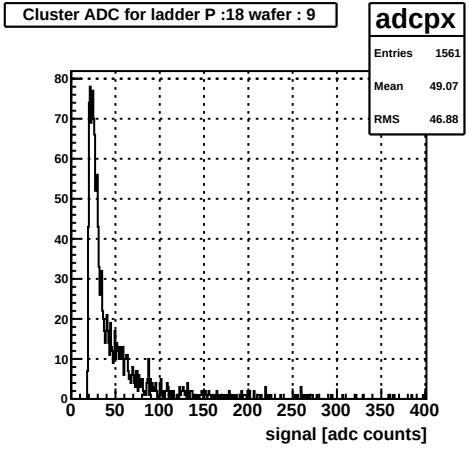

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 1381
Mean 46.52
RMS 43.62
signal [adc counts]

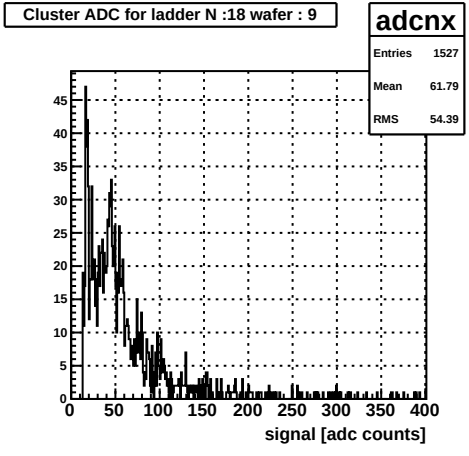

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1342
Mean 59.09
RMS 55.14
signal [adc counts]

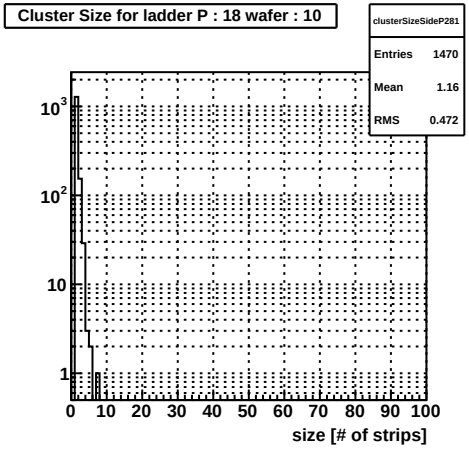

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 1561
Mean 1.152
RMS 0.4352
size [# of strips]

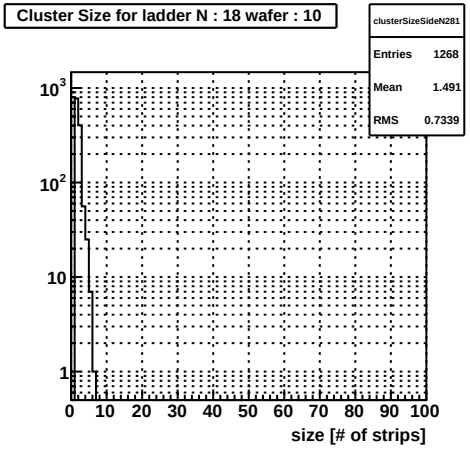

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1527
Mean 1.604
RMS 1.023
size [# of strips]

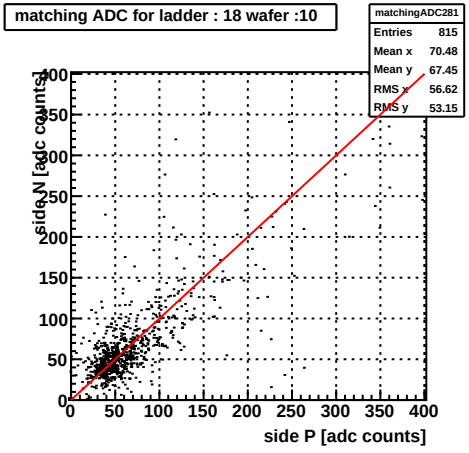

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 773
Mean x 66.34
Mean y 73.81
RMS x 54.59
RMS y 57.88
side N [adc counts]
side P [adc counts]

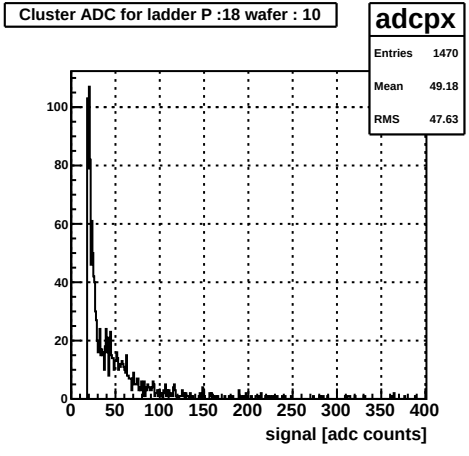

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 1561
Mean 49.07
RMS 46.88
signal [adc counts]

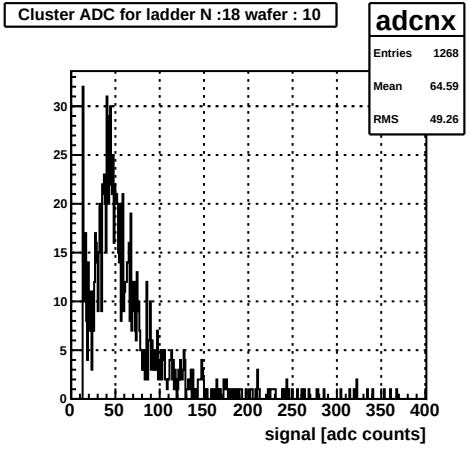

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1527
Mean 61.79
RMS 54.39
signal [adc counts]

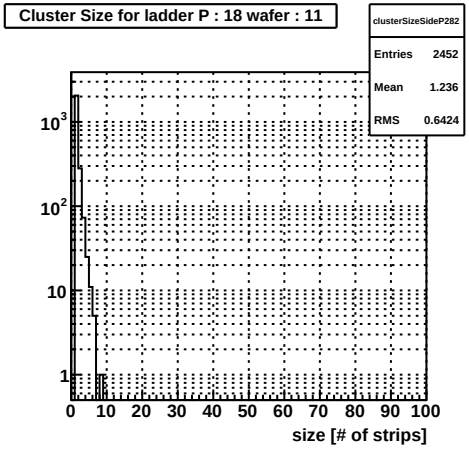

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 1470
Mean 1.16
RMS 0.472
size [# of strips]

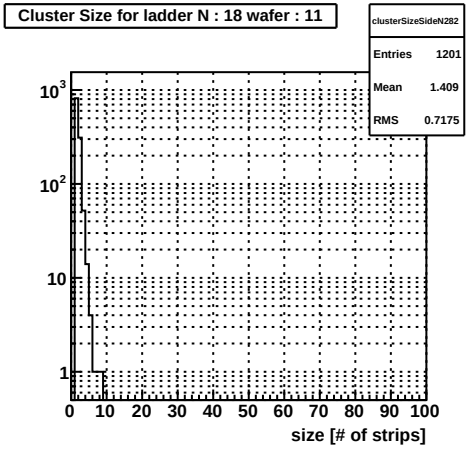

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1268
Mean 1.491
RMS 0.7339
size [# of strips]

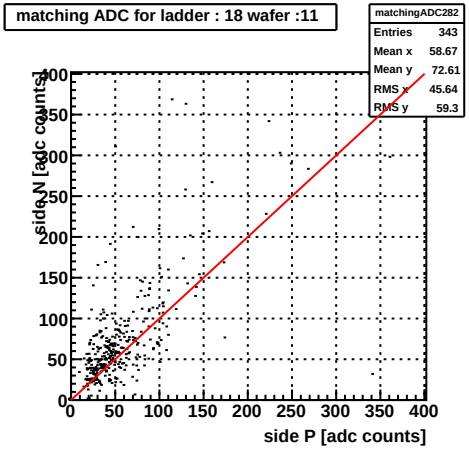

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 815
Mean x 70.48
Mean y 67.45
RMS x 56.62
RMS y 53.15
side N [adc counts]
side P [adc counts]

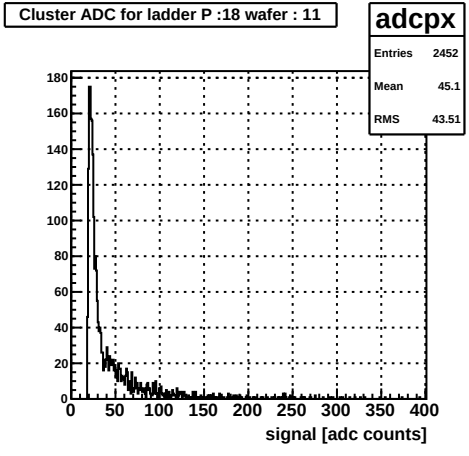

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 1470
Mean 49.18
RMS 47.63
signal [adc counts]

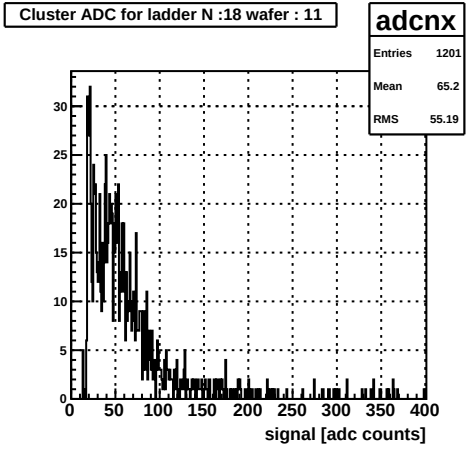

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1268
Mean 64.59
RMS 49.26
signal [adc counts]

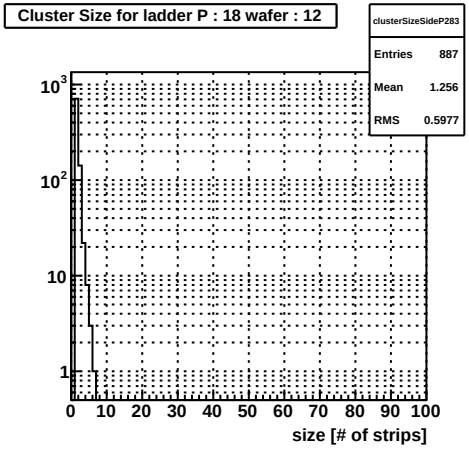

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 2452
Mean 1.236
RMS 0.6424
size [# of strips]

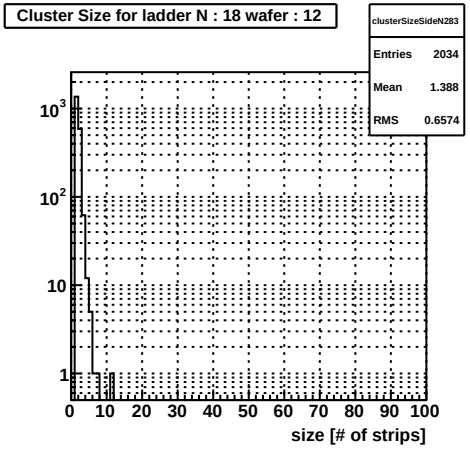

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 1201
Mean 1.409
RMS 0.7175
size [# of strips]

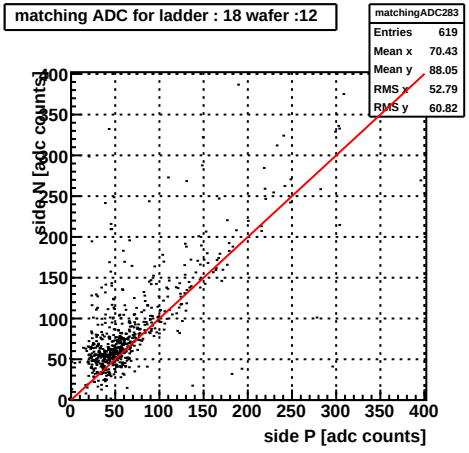

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 343
Mean x 58.67
Mean y 72.61
RMS x 45.64
RMS y 59.3
side N [adc counts]
side P [adc counts]

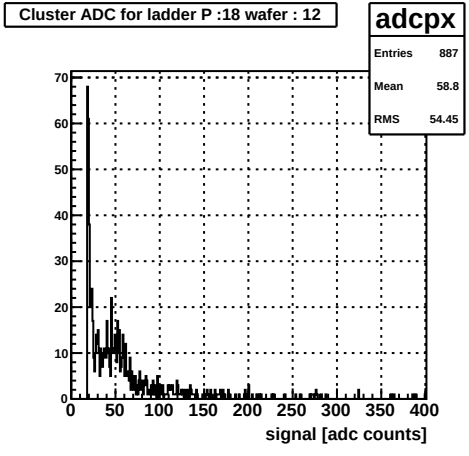

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 2452
Mean 45.1
RMS 43.51
signal [adc counts]

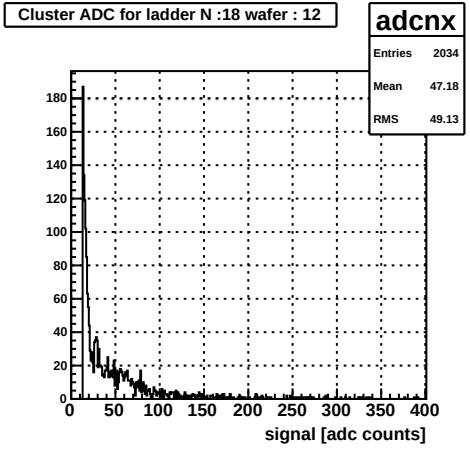

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 1201
Mean 65.2
RMS 55.19
signal [adc counts]

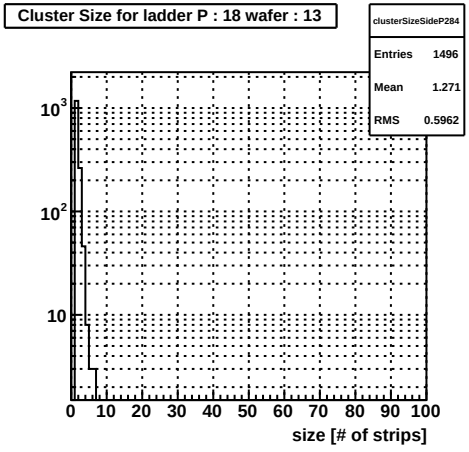

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 887
Mean 1.256
RMS 0.5977
size [# of strips]

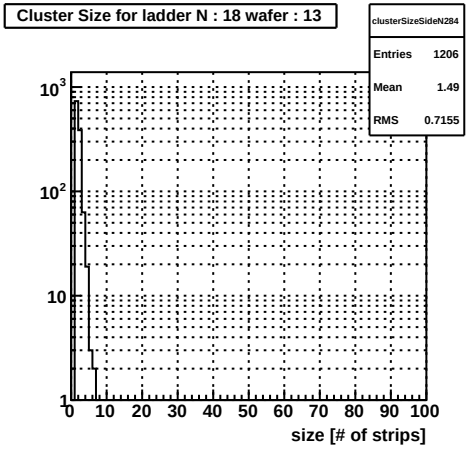

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 2034
Mean 1.388
RMS 0.6574
size [# of strips]

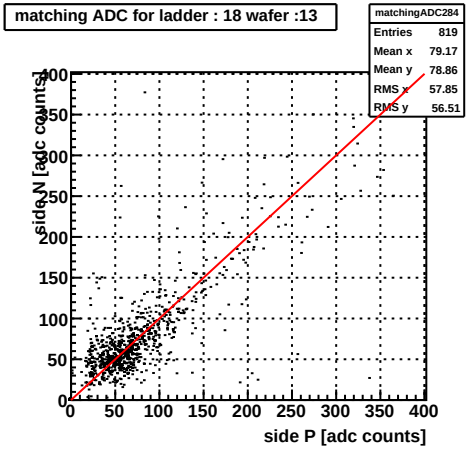

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 619
Mean x 70.43
Mean y 88.05
RMS x 52.79
RMS y 60.82
side N [adc counts]
side P [adc counts]

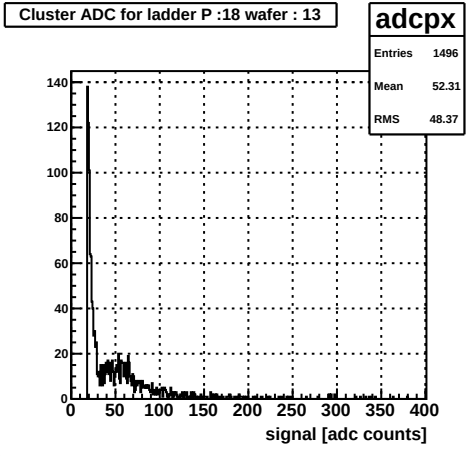

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 887
Mean 58.8
RMS 54.45
signal [adc counts]

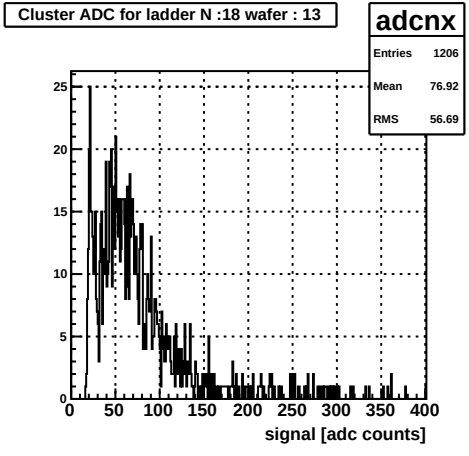

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 2034
Mean 47.18
RMS 49.13
signal [adc counts]

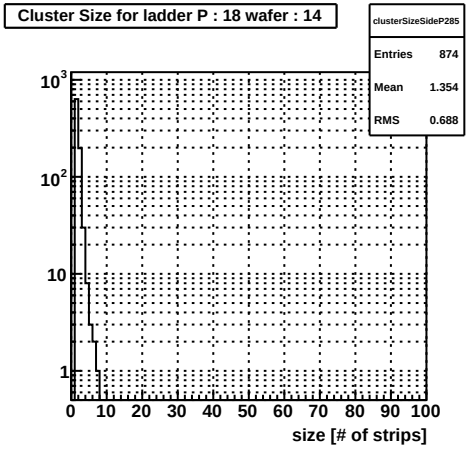

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1496
Mean 1.271
RMS 0.5962
size [# of strips]

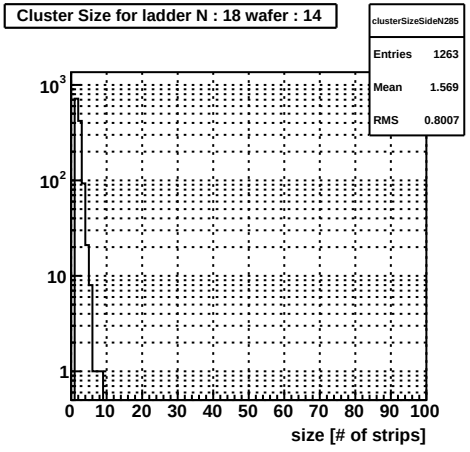

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1206
Mean 1.49
RMS 0.7155
size [# of strips]

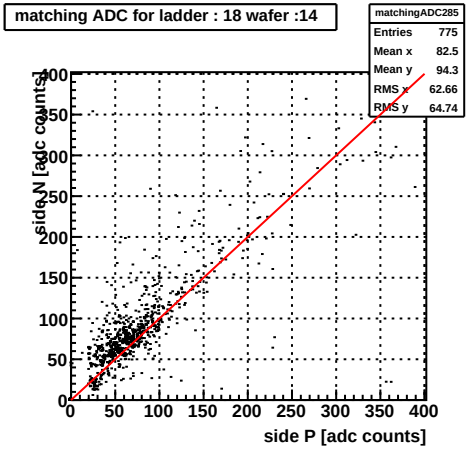

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 819
Mean x 79.17
Mean y 78.86
RMS x 57.85
RMS y 56.51
side N [adc counts]
side P [adc counts]

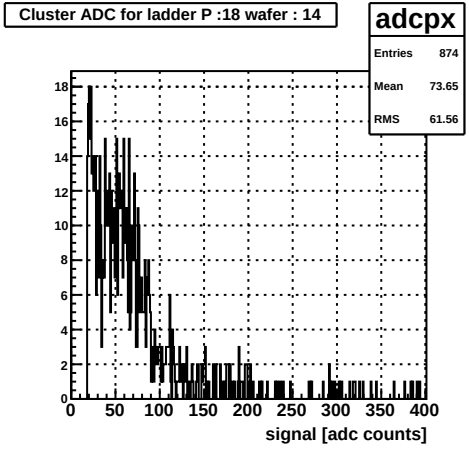

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1496
Mean 52.31
RMS 48.37
signal [adc counts]

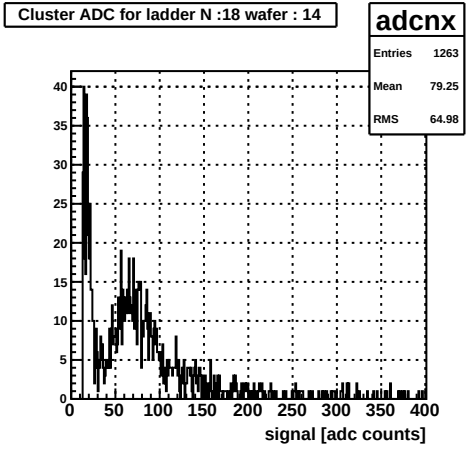

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1206
Mean 76.92
RMS 56.69
signal [adc counts]

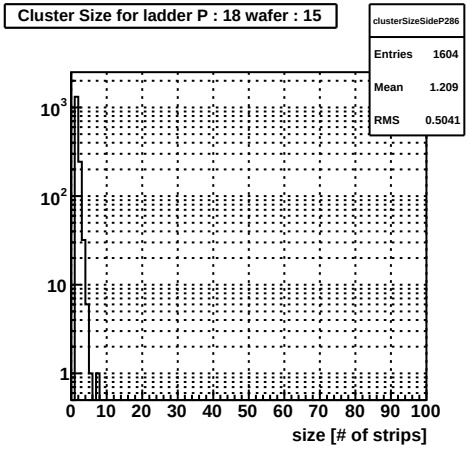

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 874
Mean 1.354
RMS 0.688
size [# of strips]

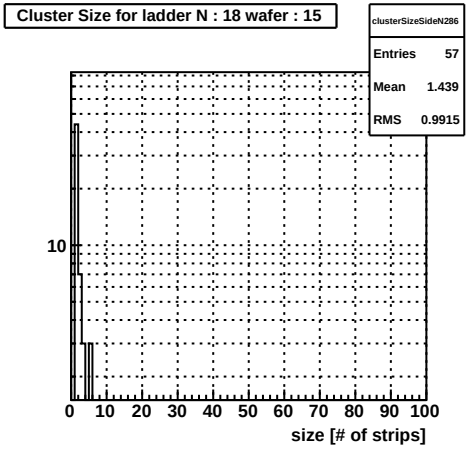

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1263
Mean 1.569
RMS 0.8007
size [# of strips]

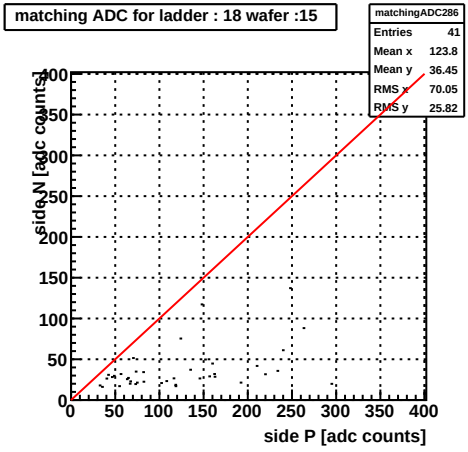

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 775
Mean x 82.5
Mean y 94.3
RMS x 62.66
RMS y 64.74
side N [adc counts]
side P [adc counts]

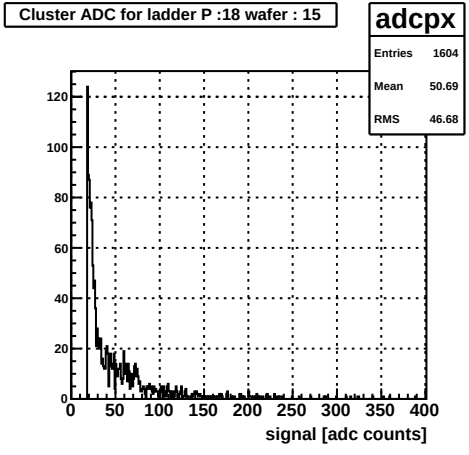

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 874
Mean 73.65
RMS 61.56
signal [adc counts]

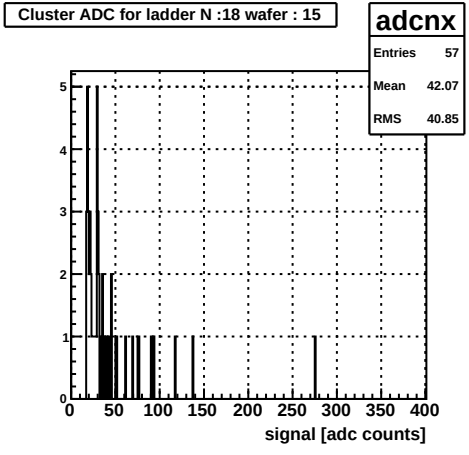

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1263
Mean 79.25
RMS 64.98
signal [adc counts]

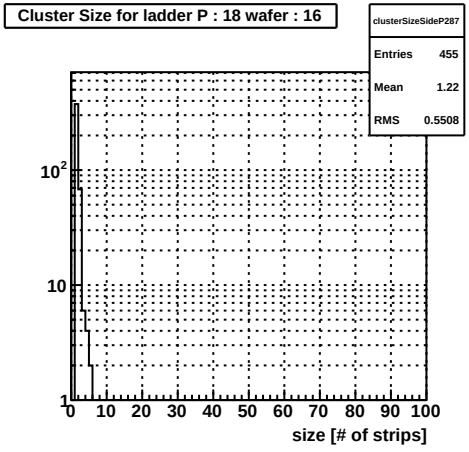

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 1604
Mean 1.209
RMS 0.5041
size [# of strips]

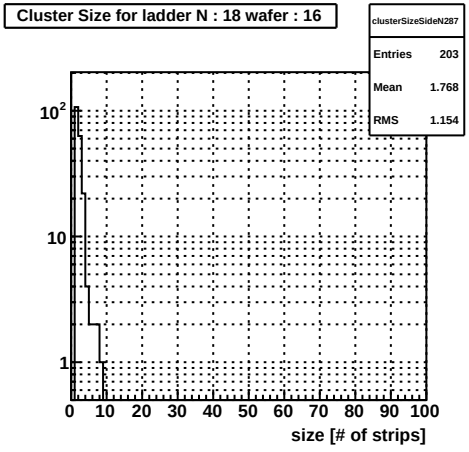

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 57
Mean 1.439
RMS 0.9915
size [# of strips]

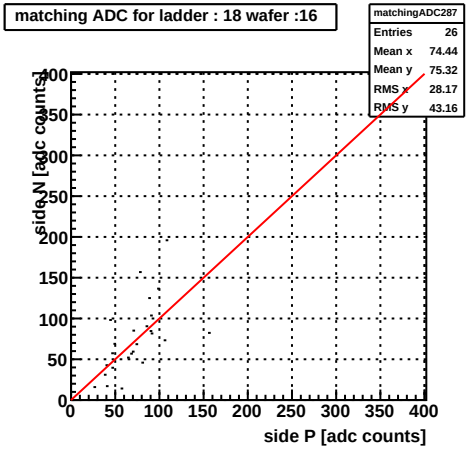

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 41
Mean x 123.8
Mean y 36.45
RMS x 70.05
RMS y 25.82
side N [adc counts]
side P [adc counts]

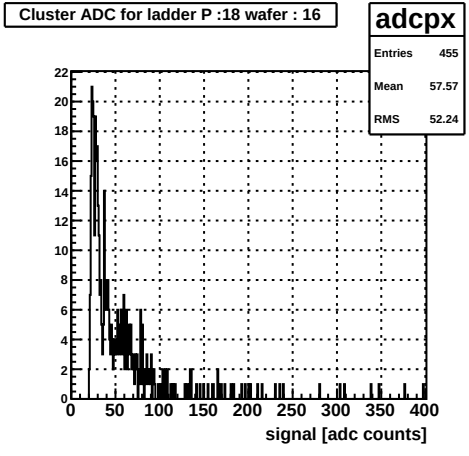

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 1604
Mean 50.69
RMS 46.68
signal [adc counts]

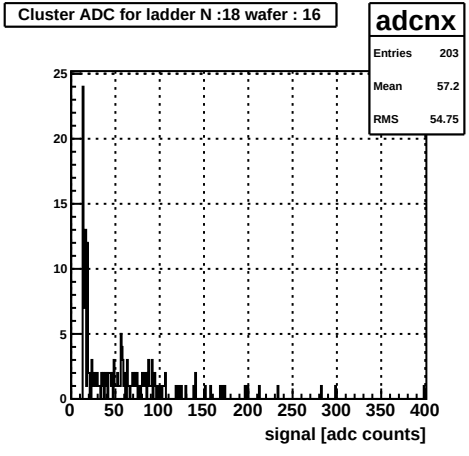

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 57
Mean 42.07
RMS 40.85
signal [adc counts]

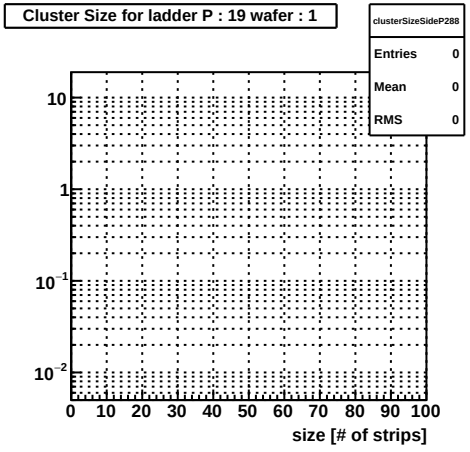

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 455
Mean 1.22
RMS 0.5508
size [# of strips]

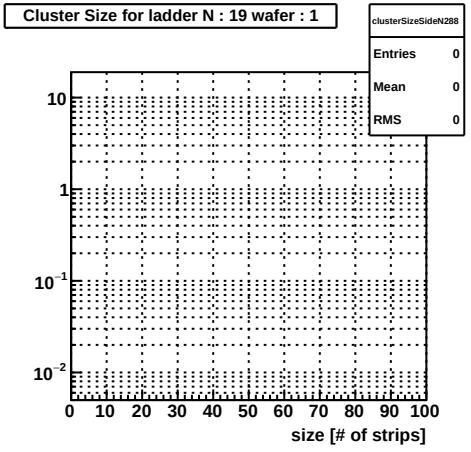

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 203
Mean 1.768
RMS 1.154
size [# of strips]

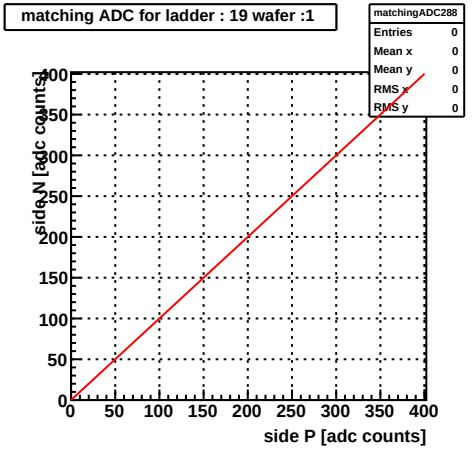

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 26
Mean x 74.44
Mean y 75.32
RMS x 28.17
RMS y 43.16
side N [adc counts]
side P [adc counts]

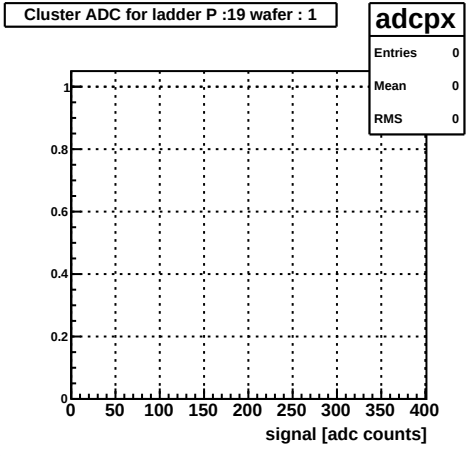

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 455
Mean 57.57
RMS 52.24
signal [adc counts]

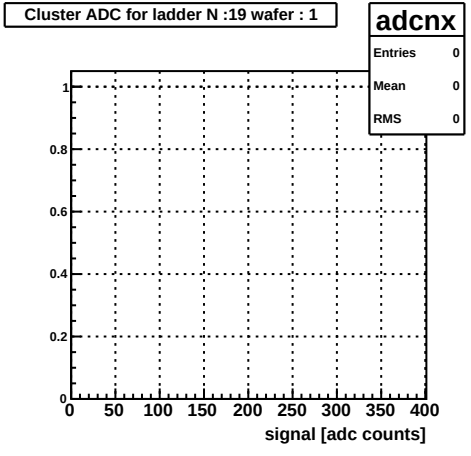

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 203
Mean 57.2
RMS 54.75
signal [adc counts]

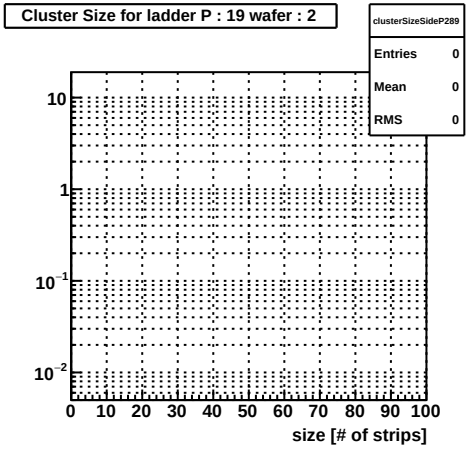

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

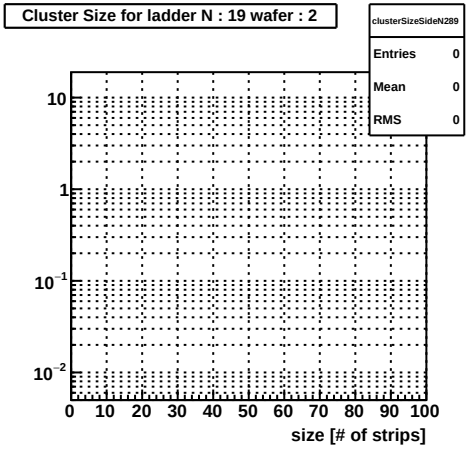

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

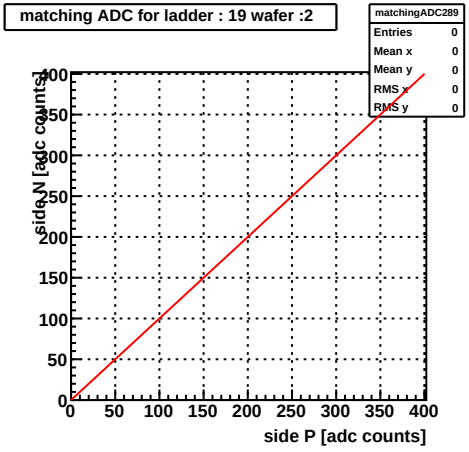

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

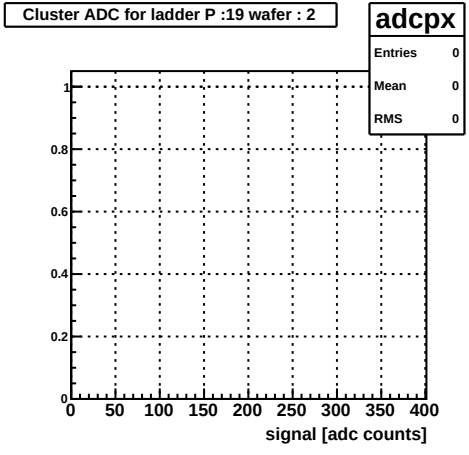

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

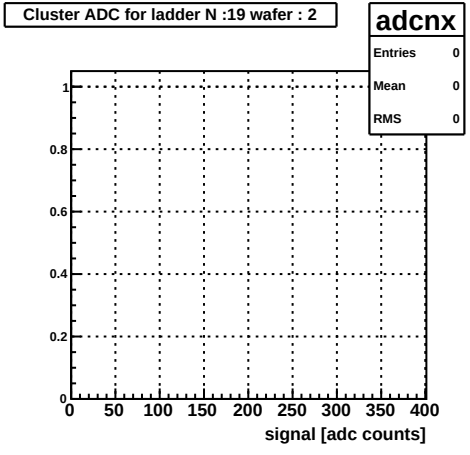

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

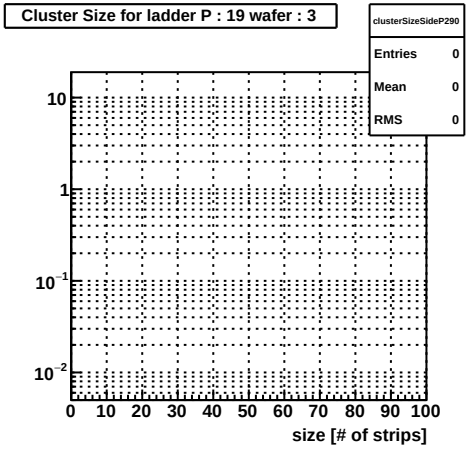

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

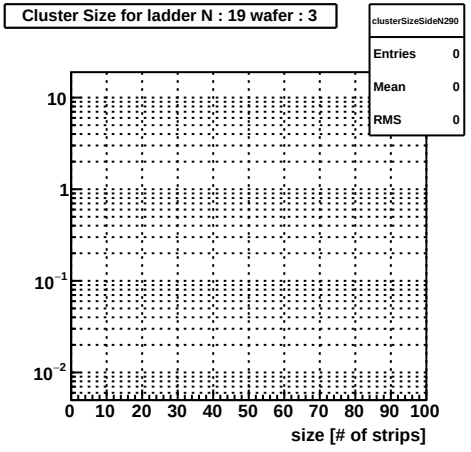

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

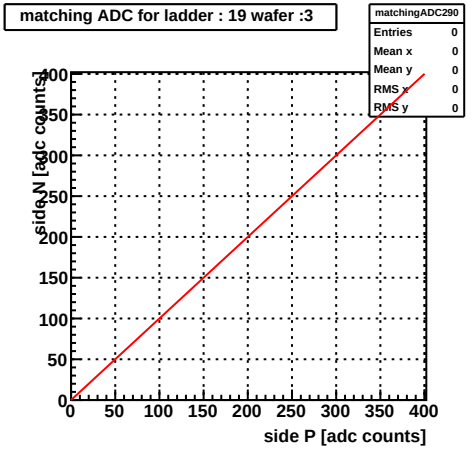

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

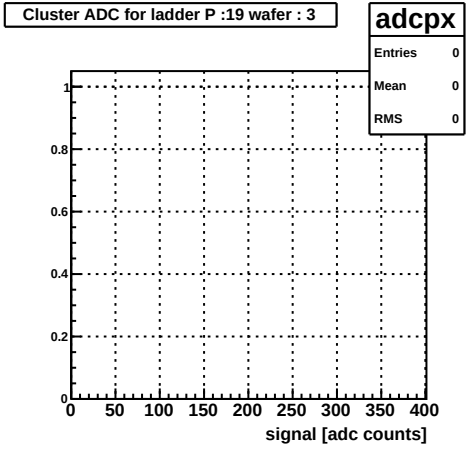

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

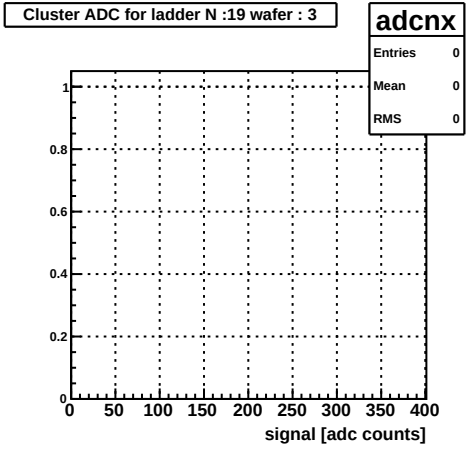

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

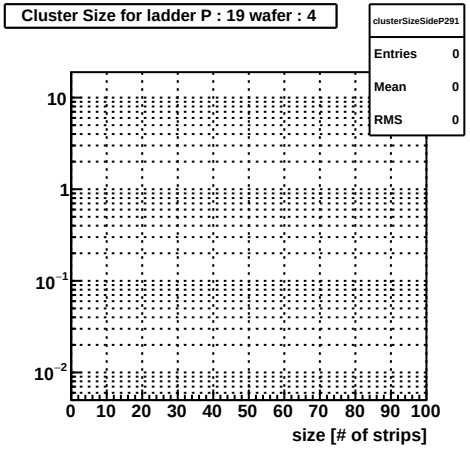

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

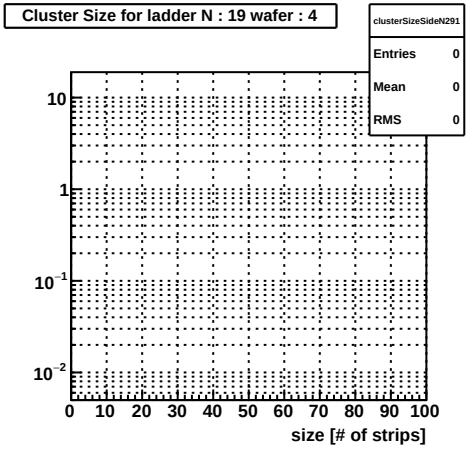

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

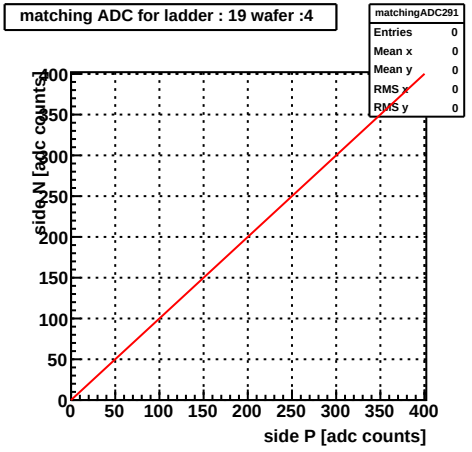

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

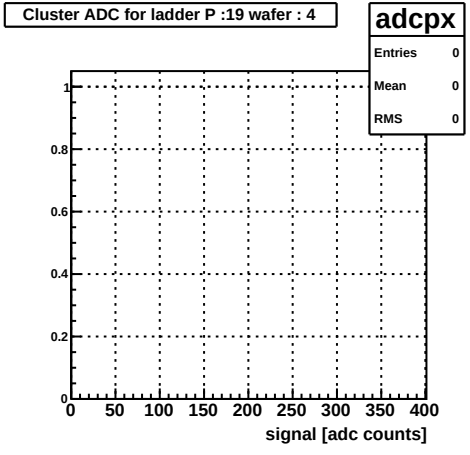

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

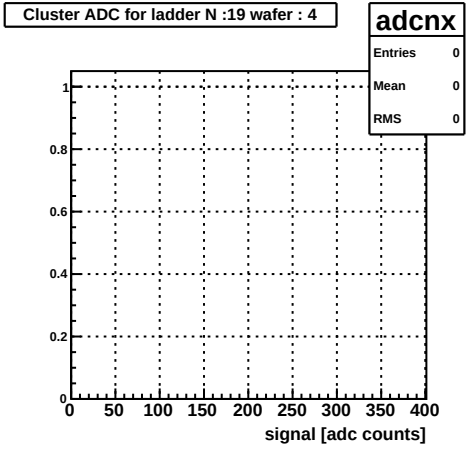

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

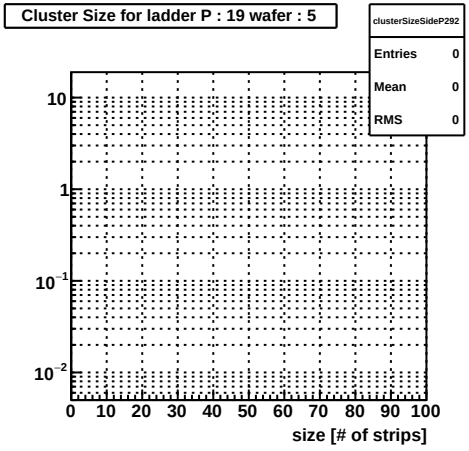

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

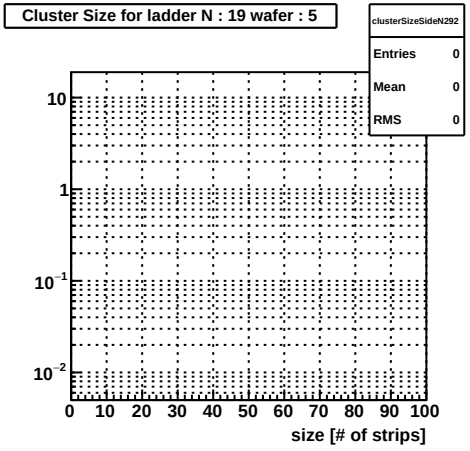

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

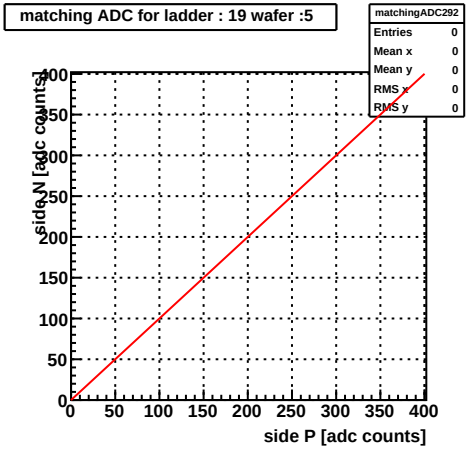

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

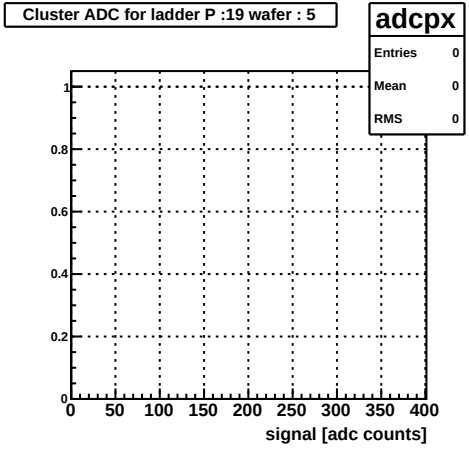

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

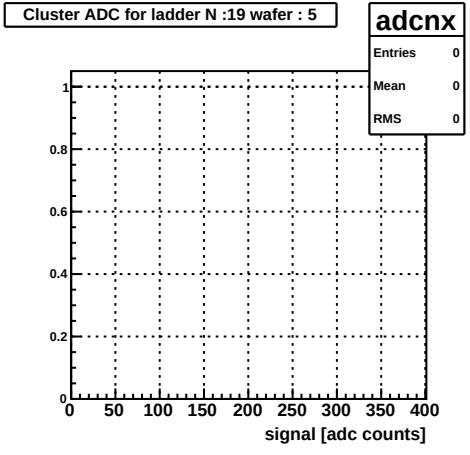

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

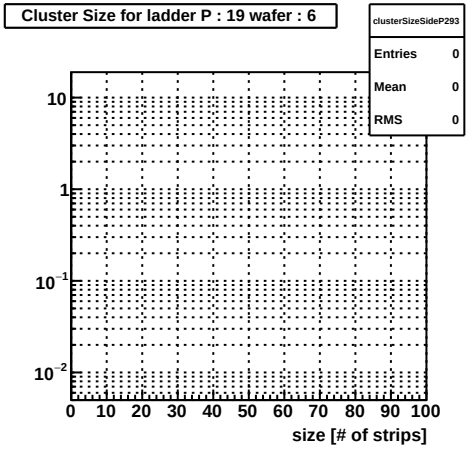

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

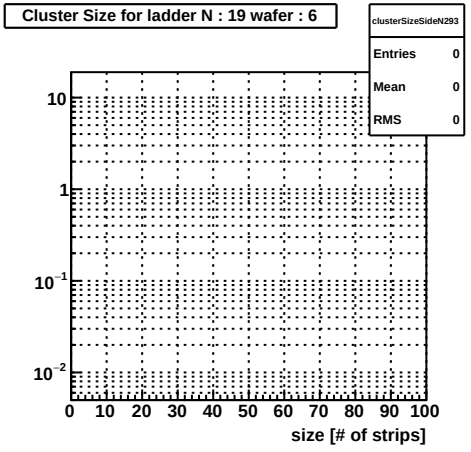

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

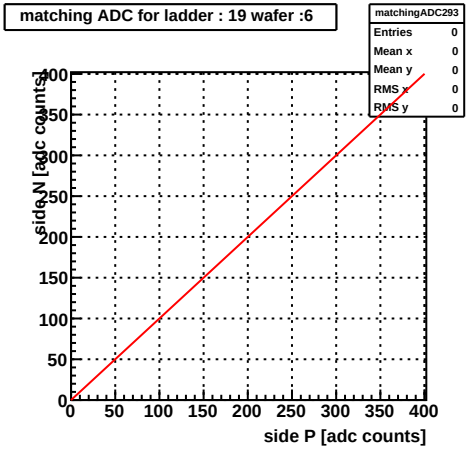

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

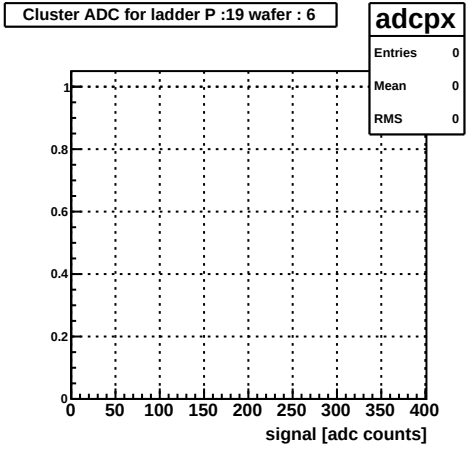

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

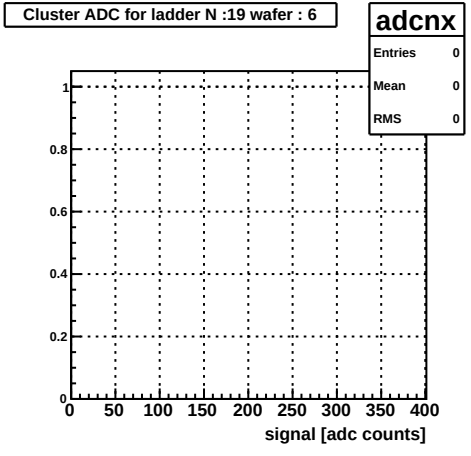

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

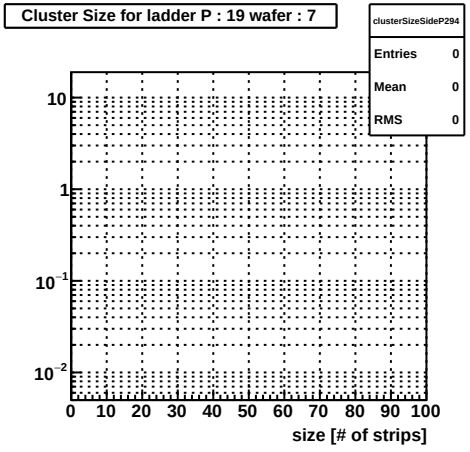

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

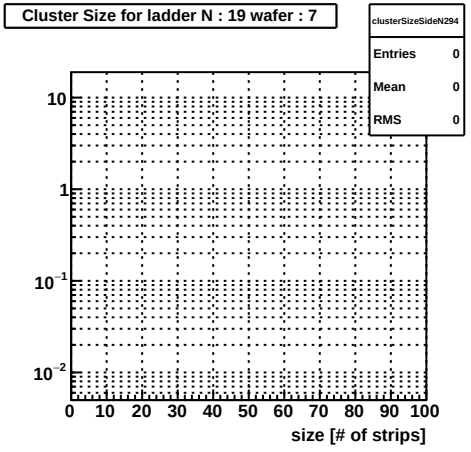

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

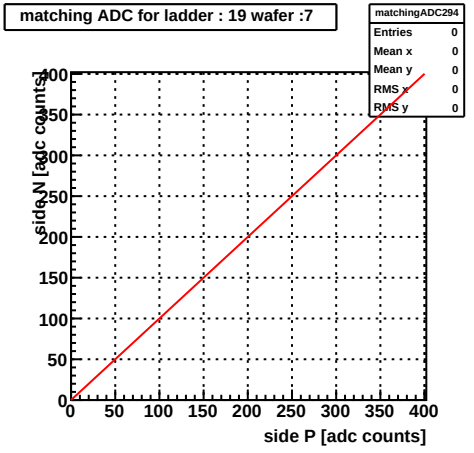

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

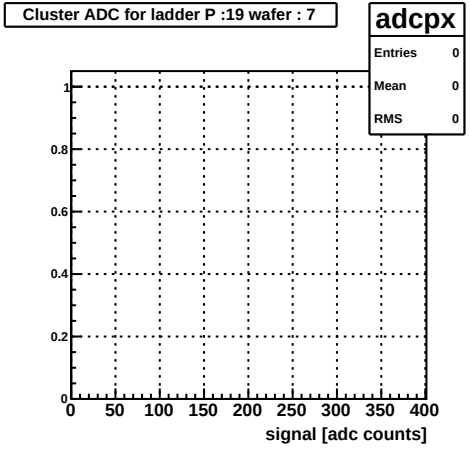

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

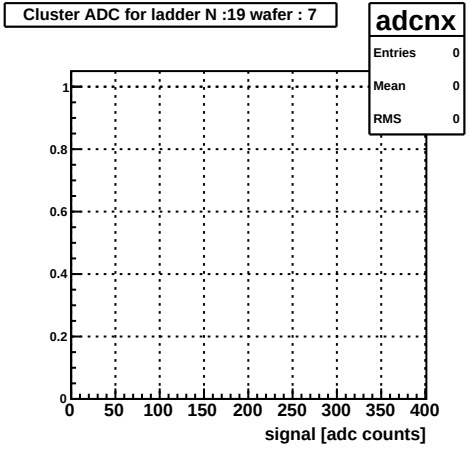

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

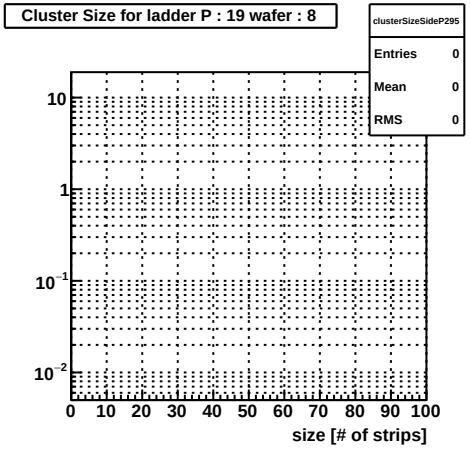

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

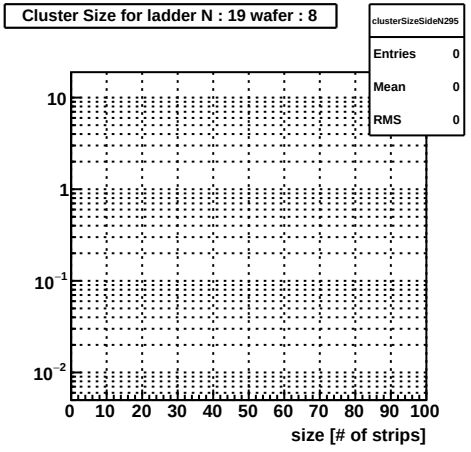

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

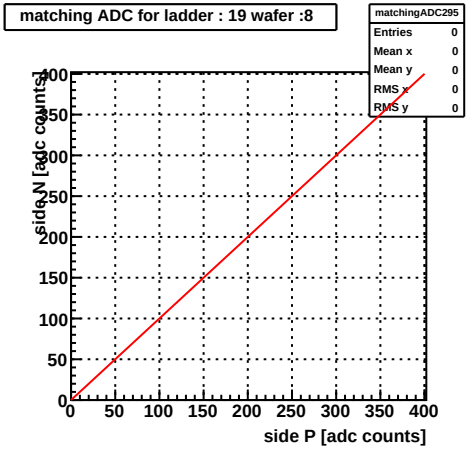

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

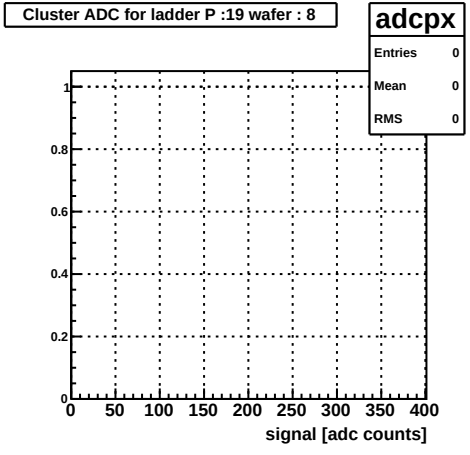

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

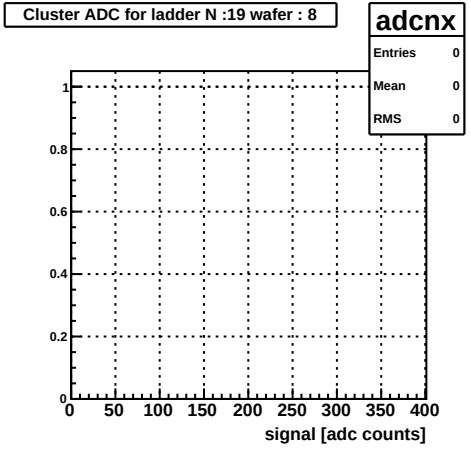

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

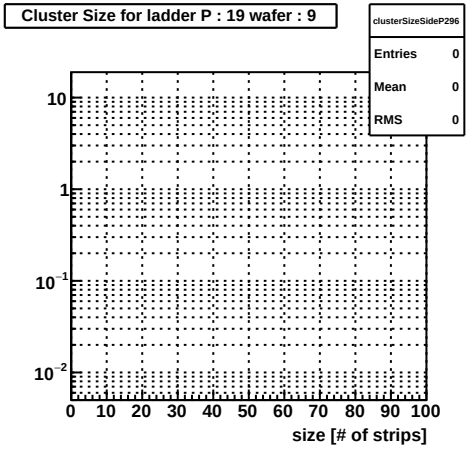

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

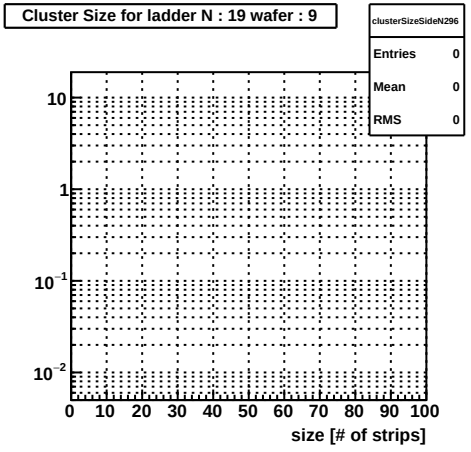

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

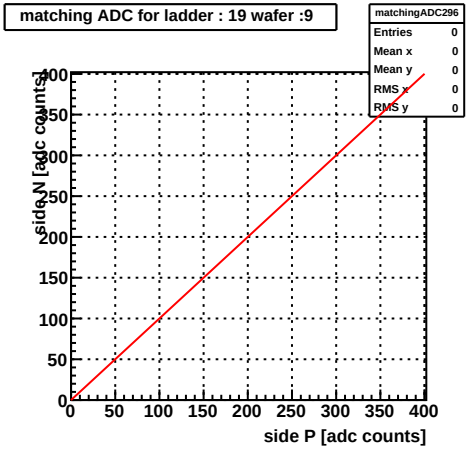

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

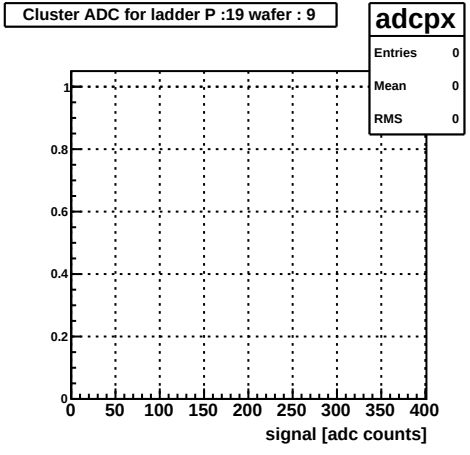

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

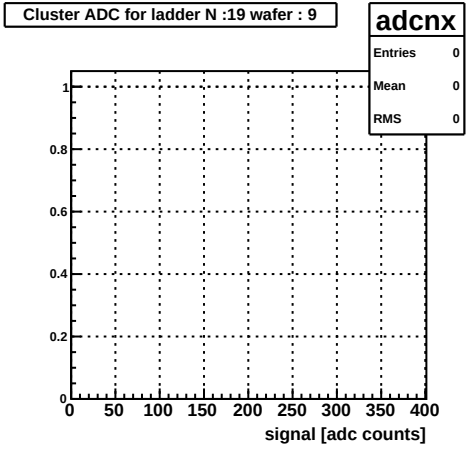

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

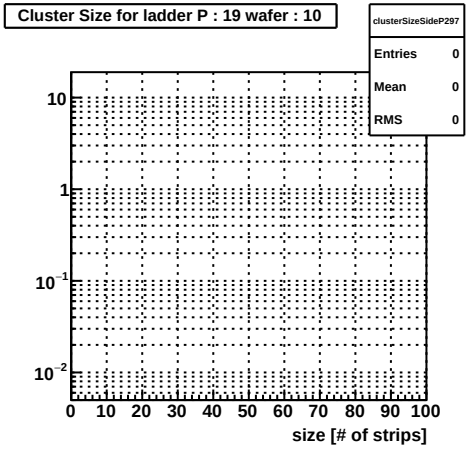

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

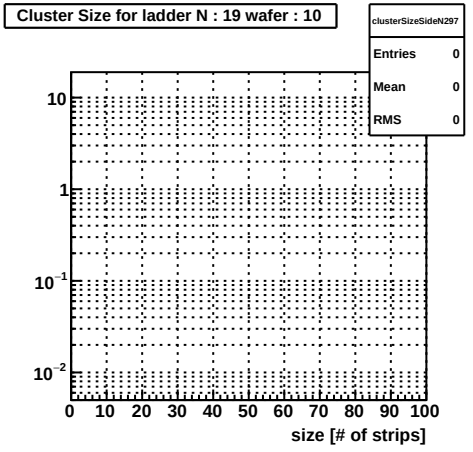

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

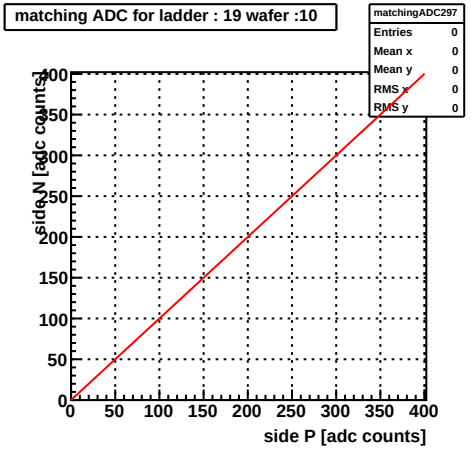

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

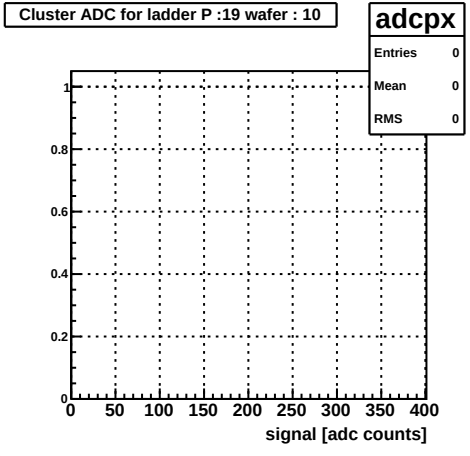

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

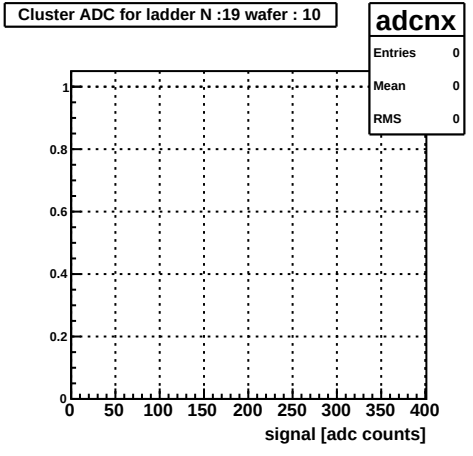

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

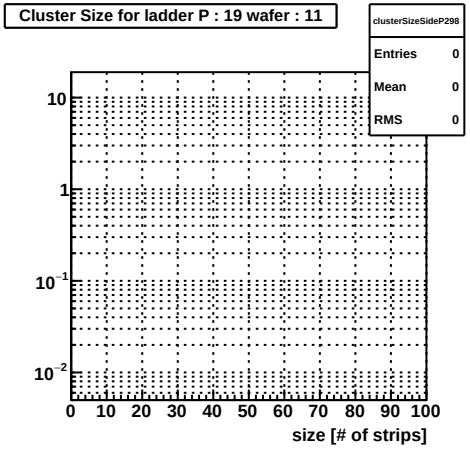

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

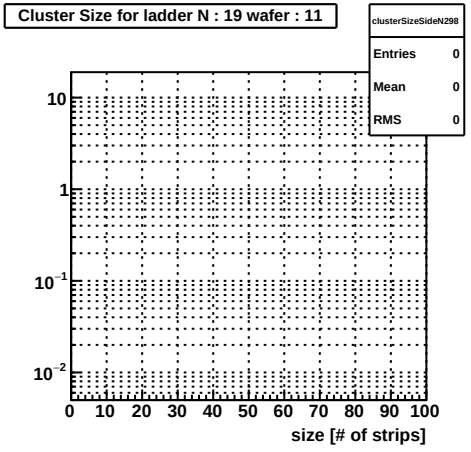

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

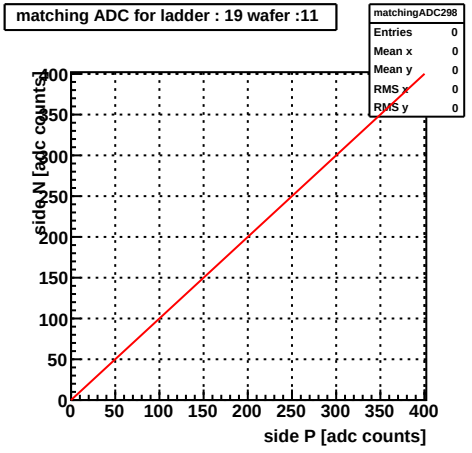

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

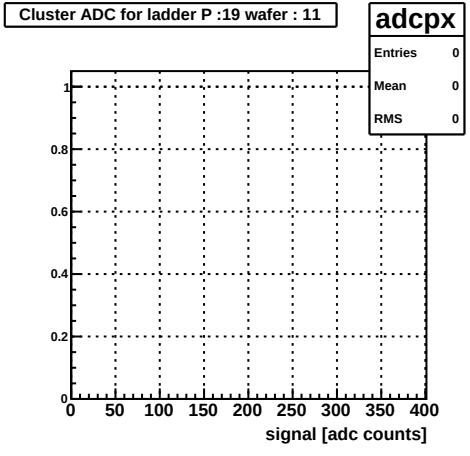

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

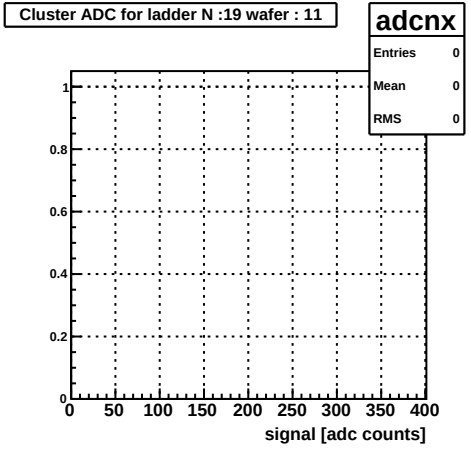

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

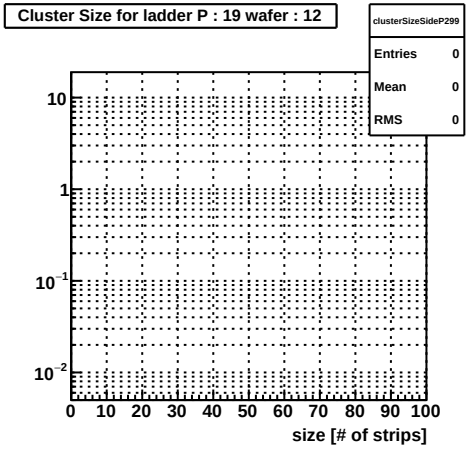

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

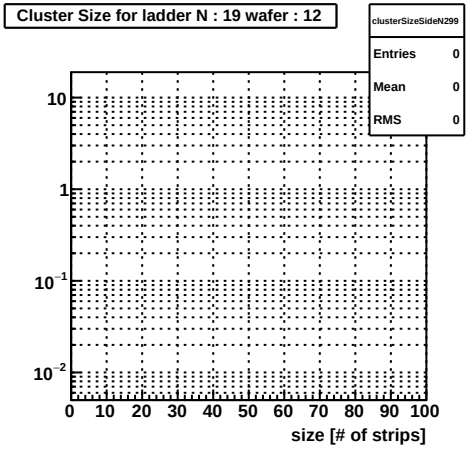

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

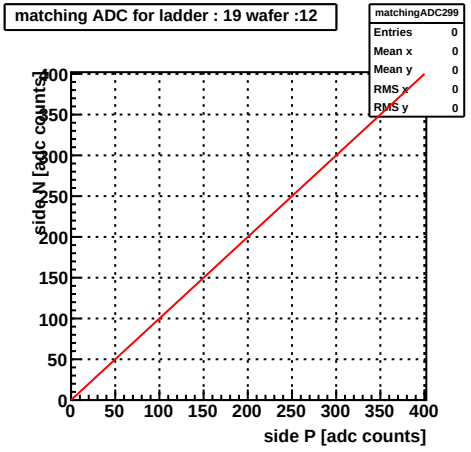

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

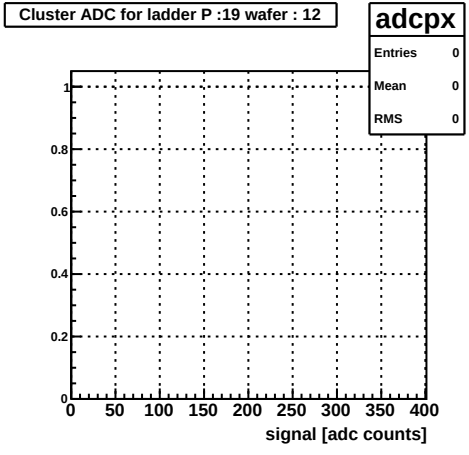

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

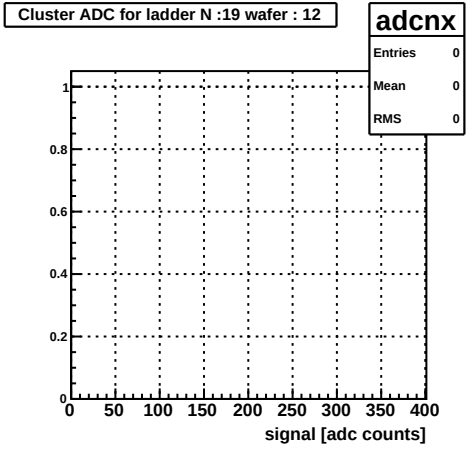

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

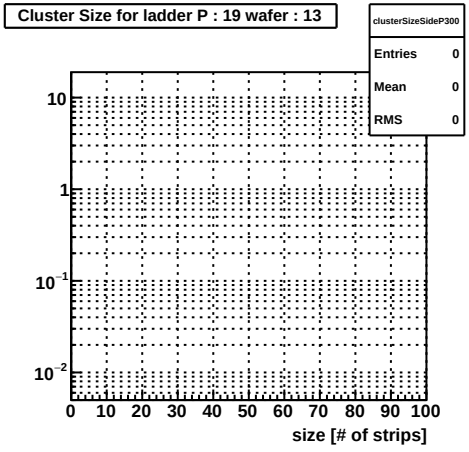

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

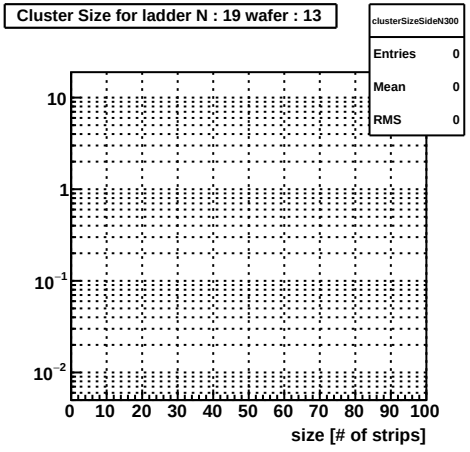

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

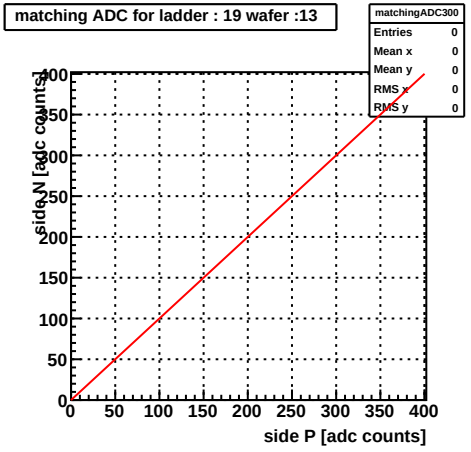

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

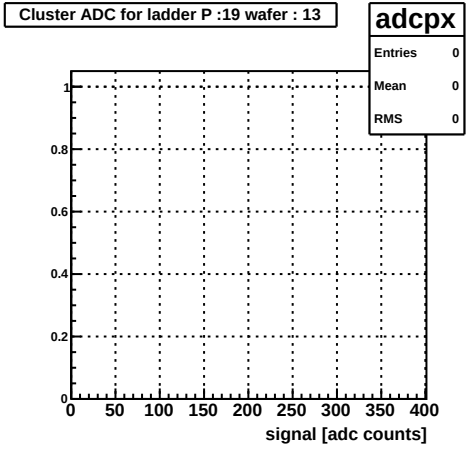

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

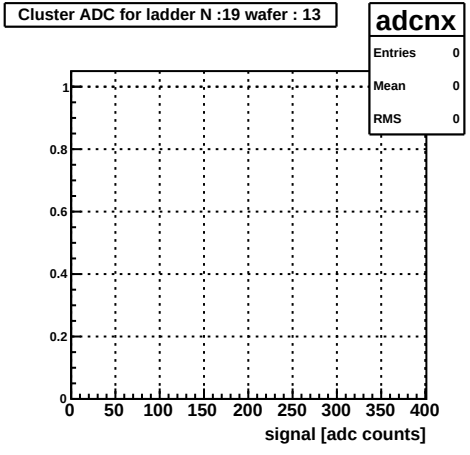

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

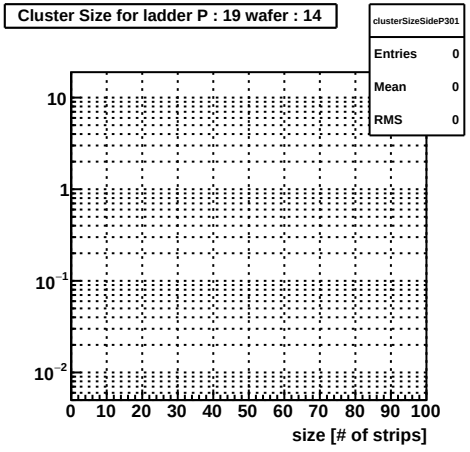

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

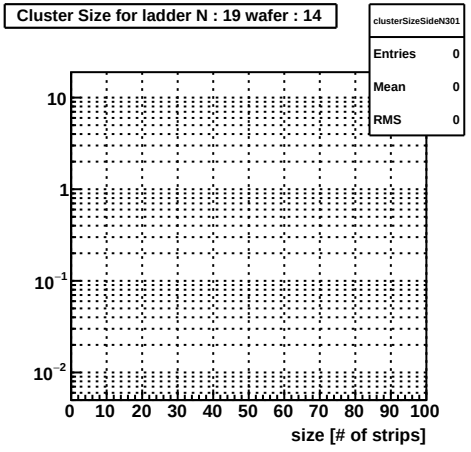

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

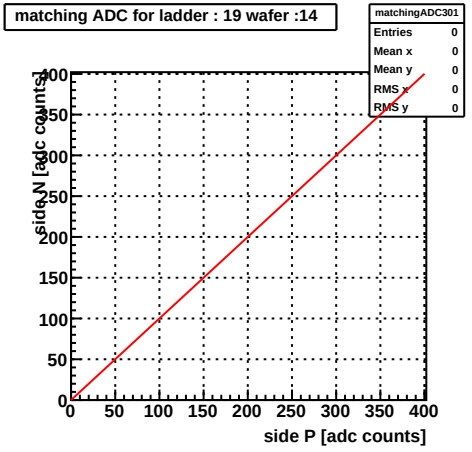

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

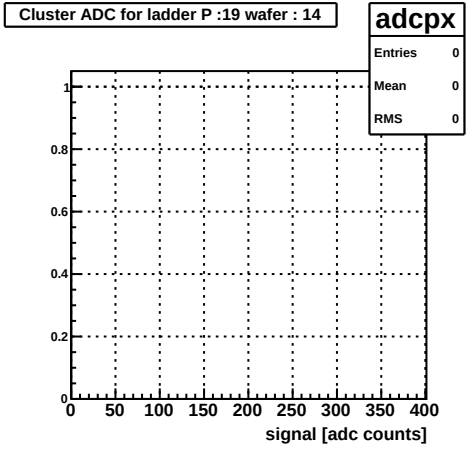

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

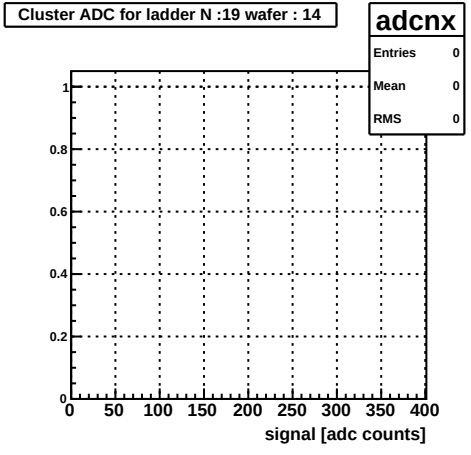

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

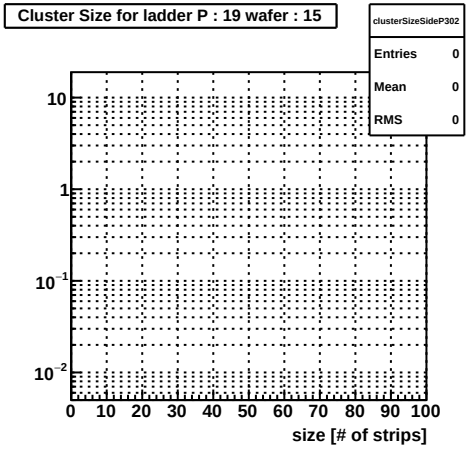

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

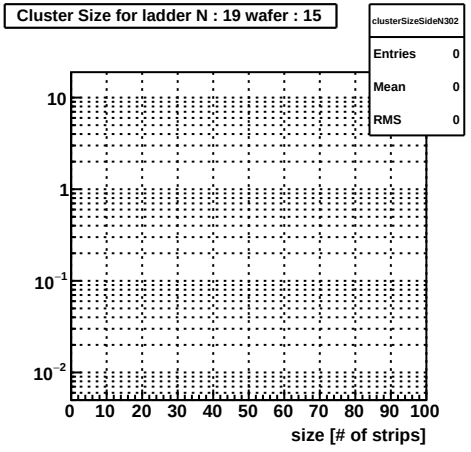

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

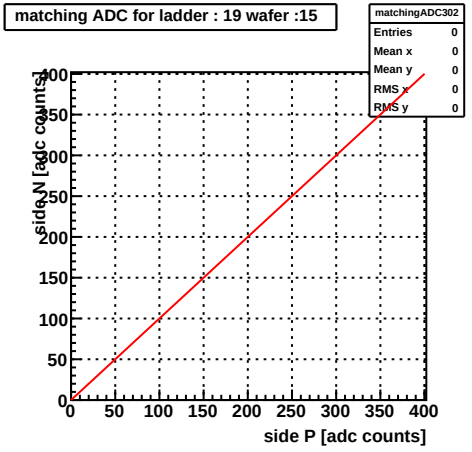

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

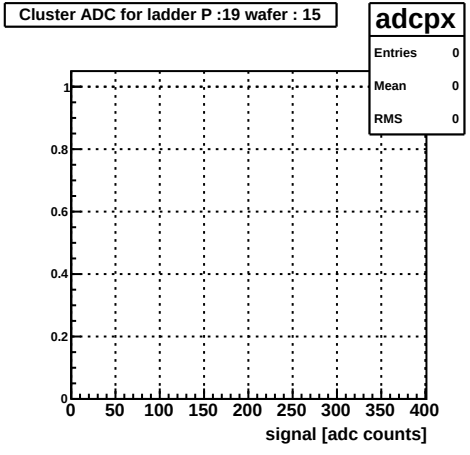

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

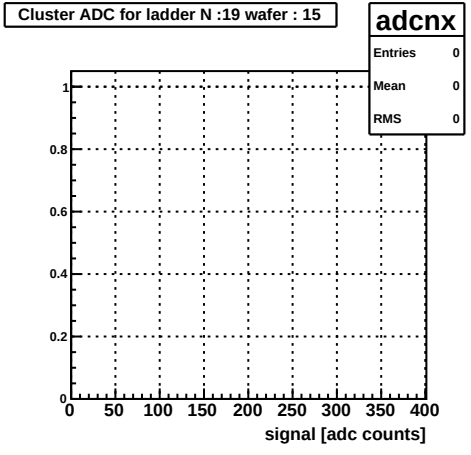

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

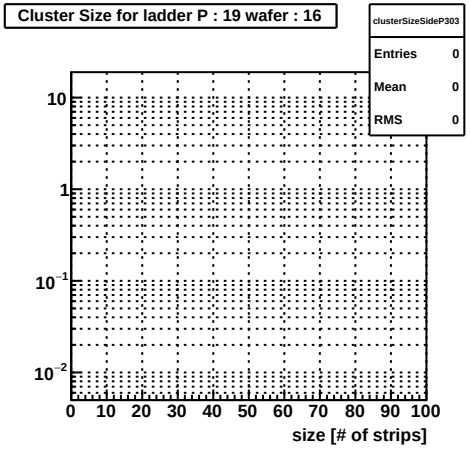

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

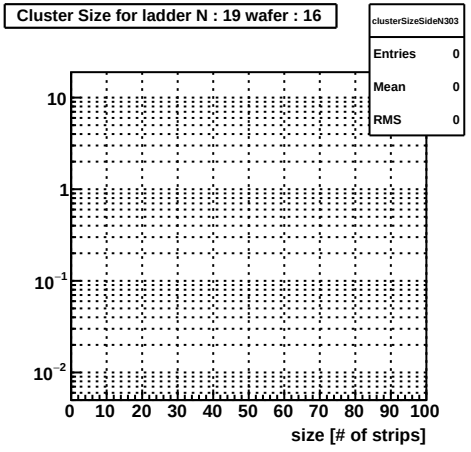

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

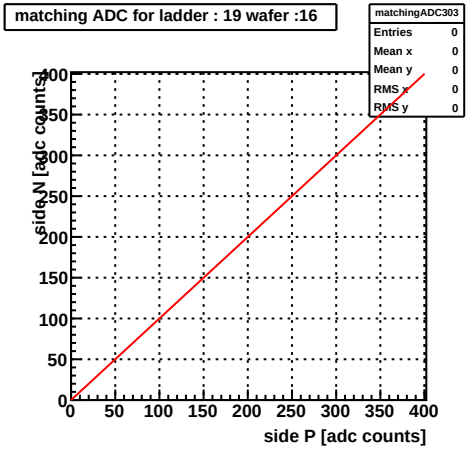

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

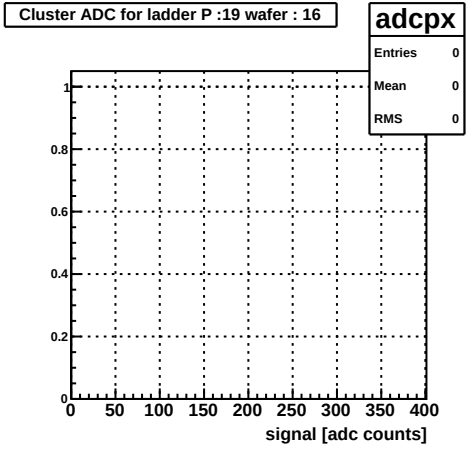

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

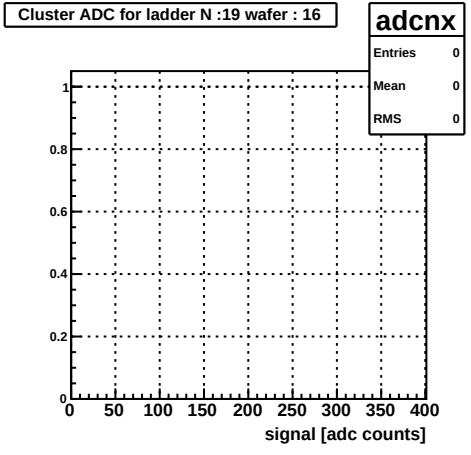

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

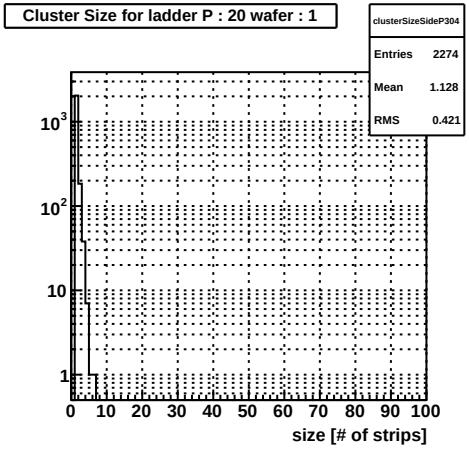

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

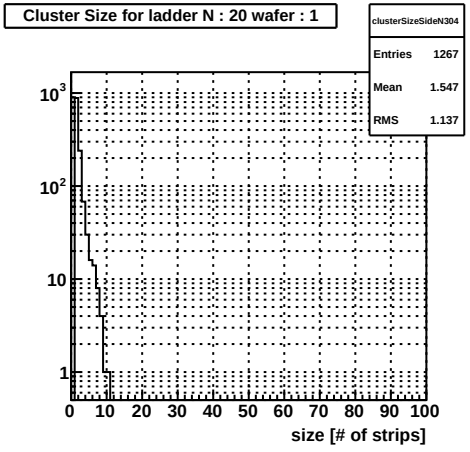

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

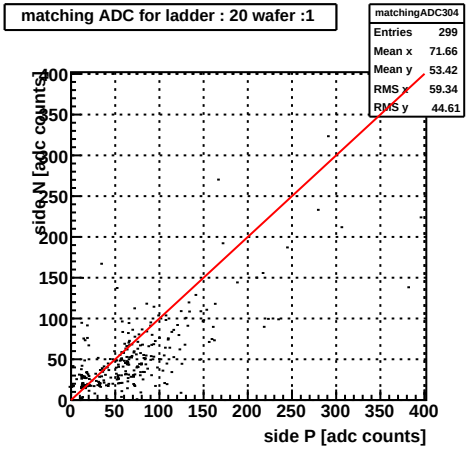

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

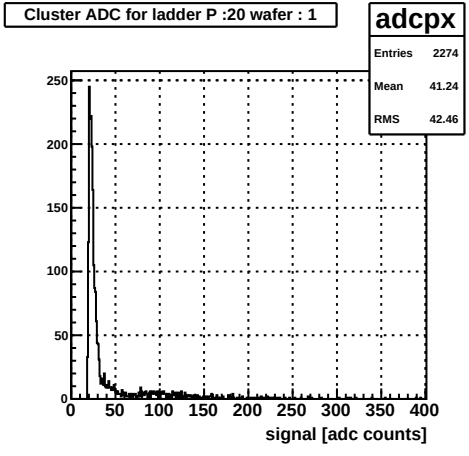

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

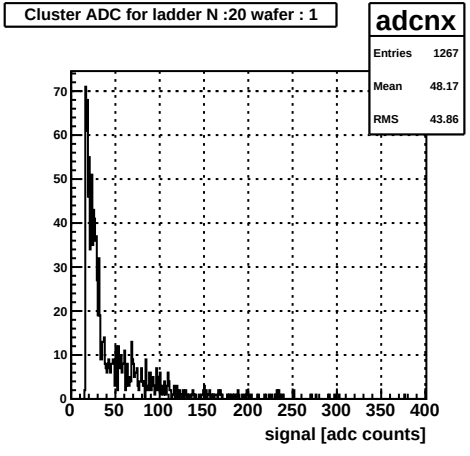

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

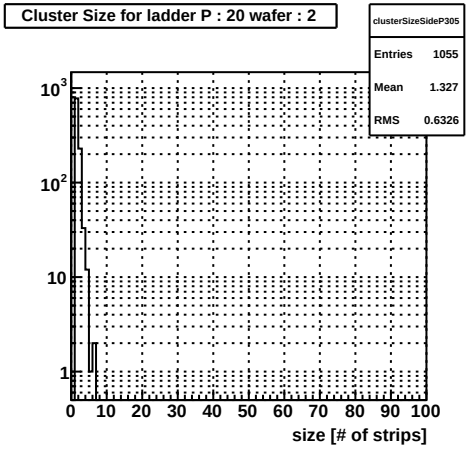

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 2274
Mean 1.128
RMS 0.421
size [# of strips]

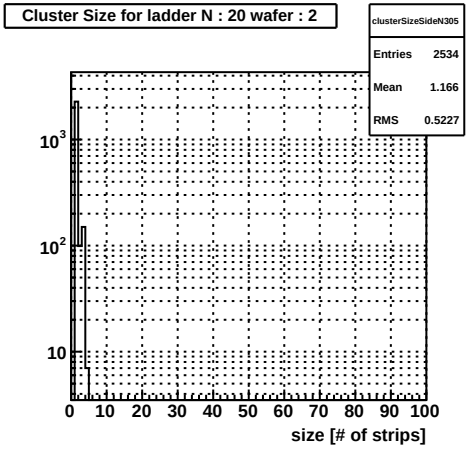

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1267
Mean 1.547
RMS 1.137
size [# of strips]

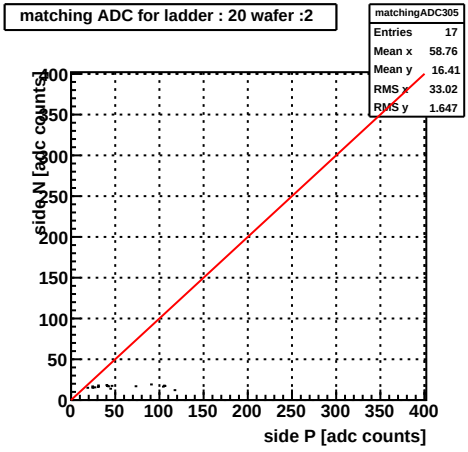

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 299
Mean x 71.66
Mean y 53.42
RMS x 59.34
RMS y 44.61
side N [adc counts]
side P [adc counts]

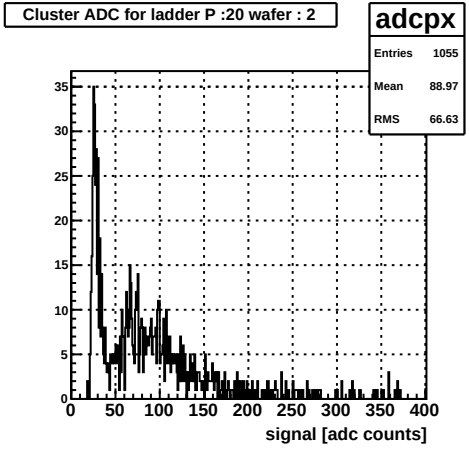

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 2274
Mean 41.24
RMS 42.46
signal [adc counts]

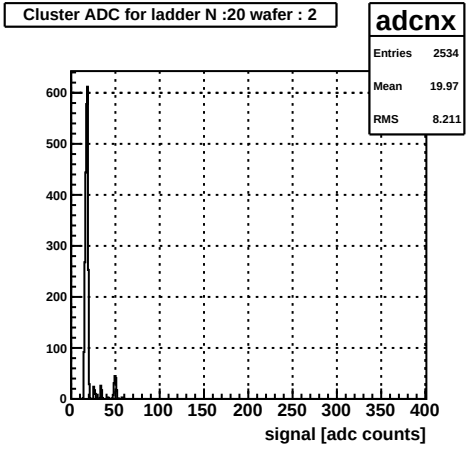

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1267
Mean 48.17
RMS 43.86
signal [adc counts]

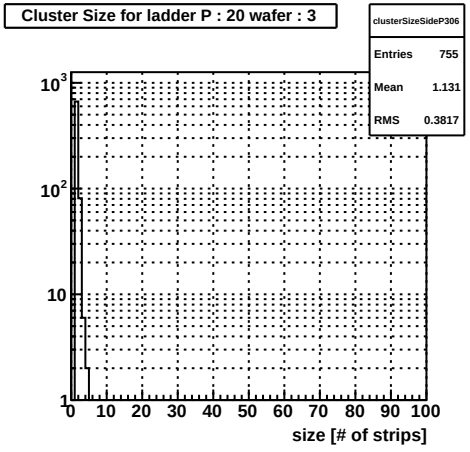

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1055
Mean 1.327
RMS 0.6326
size [# of strips]

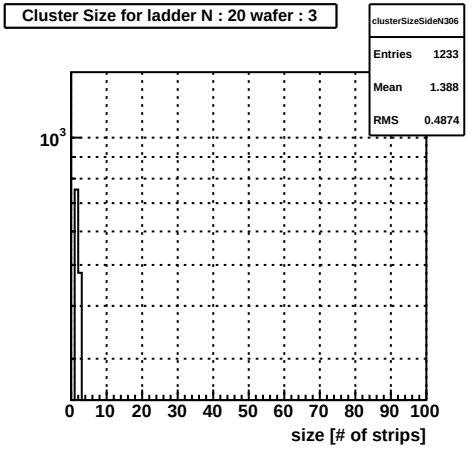

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2534
Mean 1.166
RMS 0.5227
size [# of strips]

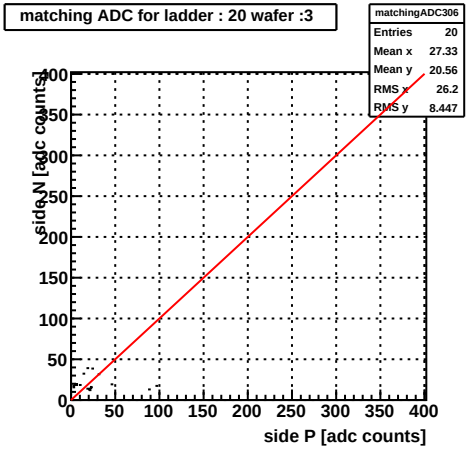

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 17
Mean x 58.76
Mean y 16.41
RMS x 33.02
RMS y 1.647
side N [adc counts]
side P [adc counts]

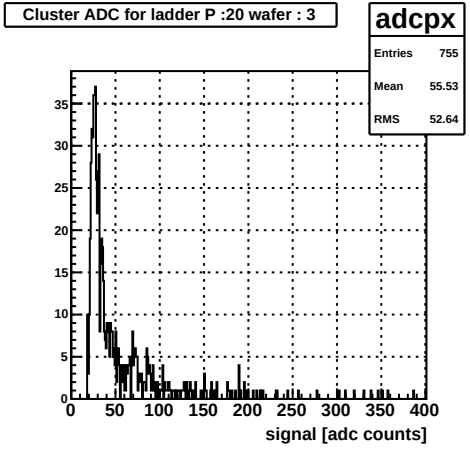

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1055
Mean 88.97
RMS 66.63
signal [adc counts]

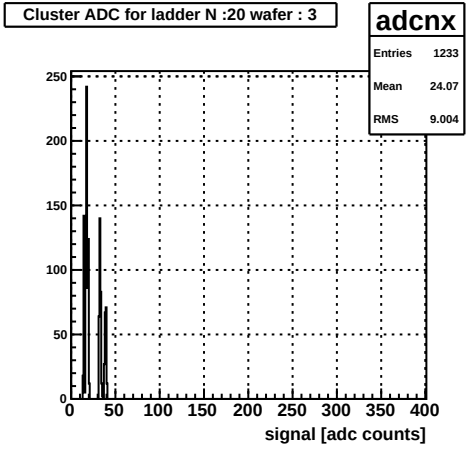

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2534
Mean 19.97
RMS 8.211
signal [adc counts]

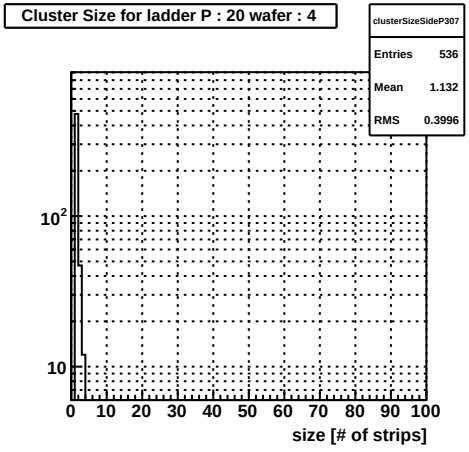

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 755
Mean 1.131
RMS 0.3817
size [# of strips]

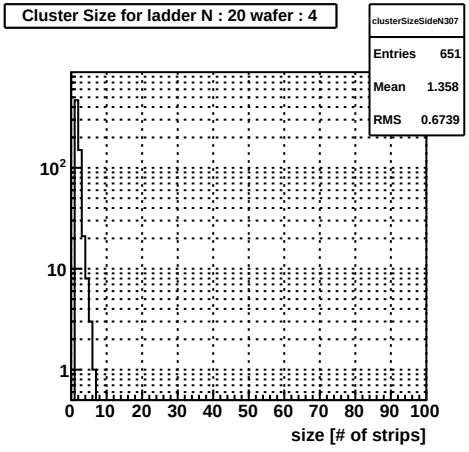

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1233
Mean 1.388
RMS 0.4874
size [# of strips]

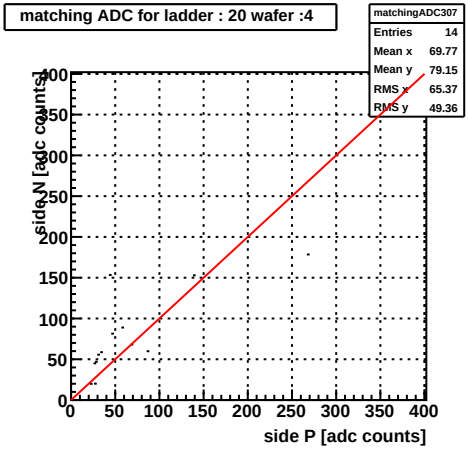

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 20
Mean x 27.33
Mean y 20.56
RMS x 26.2
RMS y 8.447
side N [adc counts]
side P [adc counts]

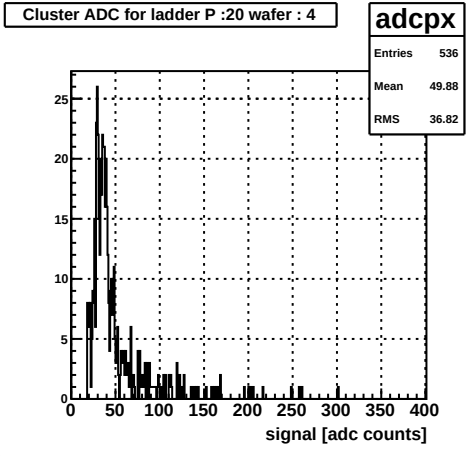

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 755
Mean 55.53
RMS 52.64
signal [adc counts]

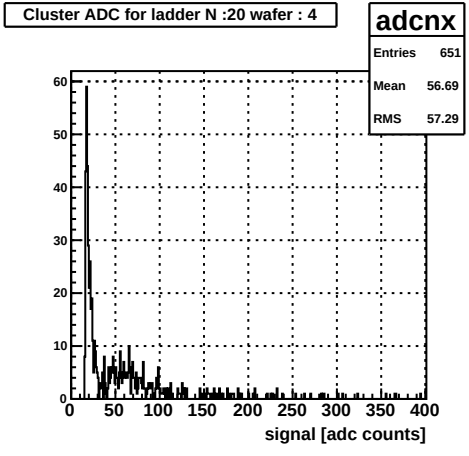

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1233
Mean 24.07
RMS 9.004
signal [adc counts]

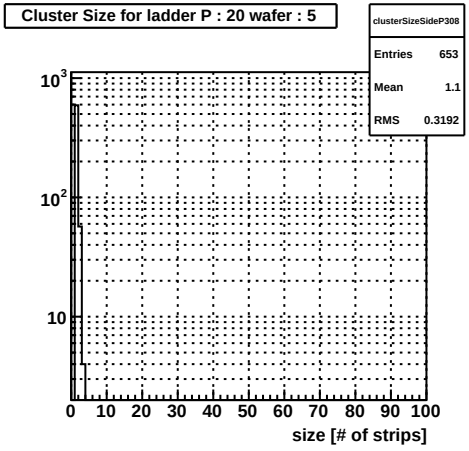

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 536
Mean 1.132
RMS 0.3996
size [# of strips]

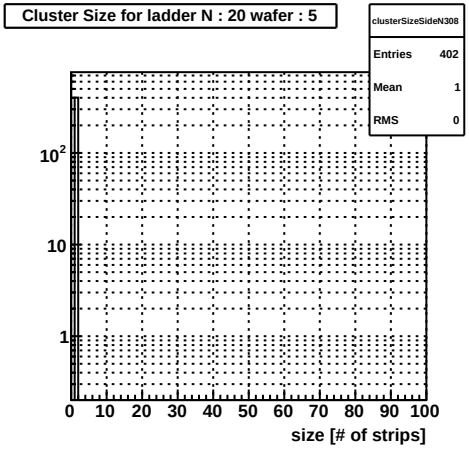

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 651
Mean 1.358
RMS 0.6739
size [# of strips]

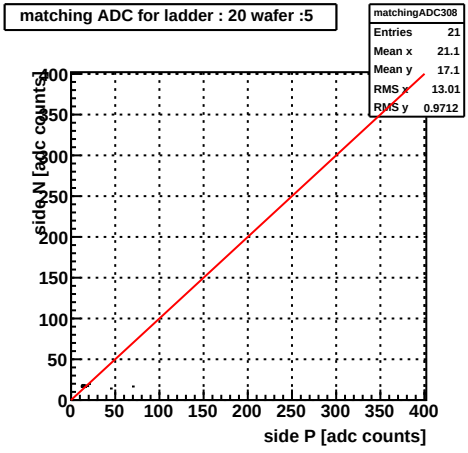

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 14
Mean x 69.77
Mean y 79.15
RMS x 65.37
RMS y 49.36
side N [adc counts]
side P [adc counts]

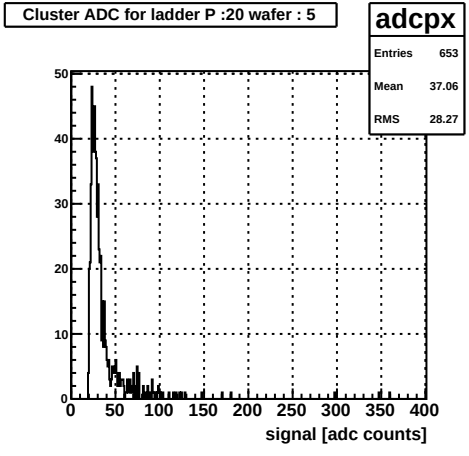

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 536
Mean 49.88
RMS 36.82
signal [adc counts]

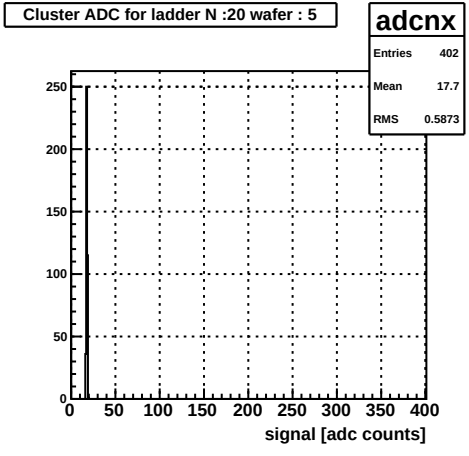

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 651
Mean 56.69
RMS 57.29
signal [adc counts]

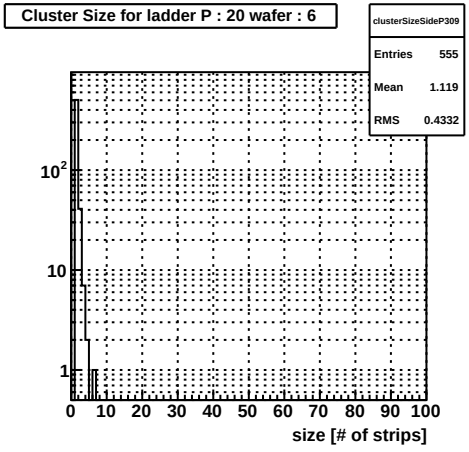

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 653
Mean 1.1
RMS 0.3192
size [# of strips]

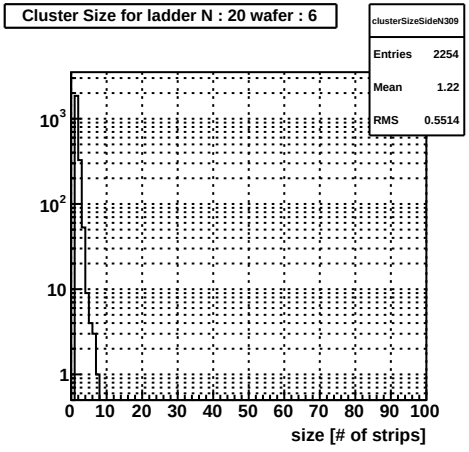

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 402
Mean 1
RMS 0
size [# of strips]

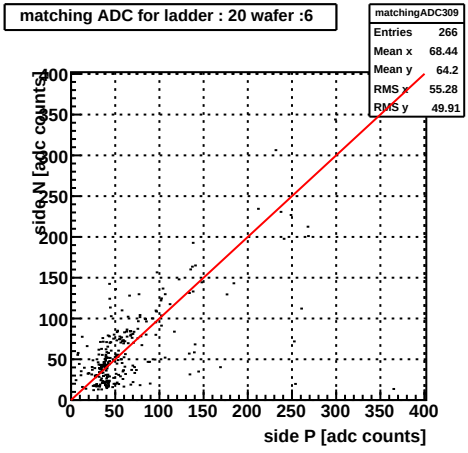

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 21
Mean x 21.1
Mean y 17.1
RMS x 13.01
RMS y 0.9712
side N [adc counts]
side P [adc counts]

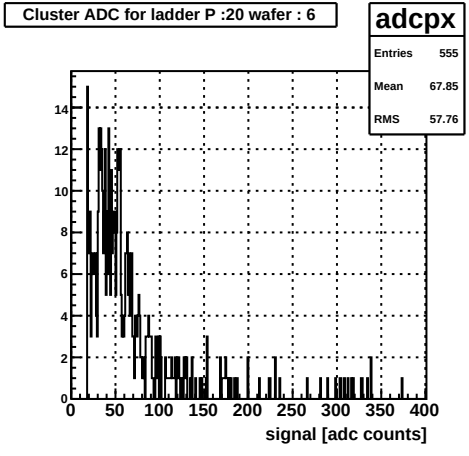

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 653
Mean 37.06
RMS 28.27
signal [adc counts]

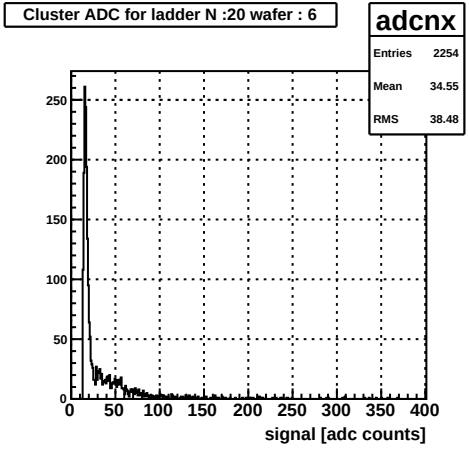

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 402
Mean 17.7
RMS 0.5873
signal [adc counts]

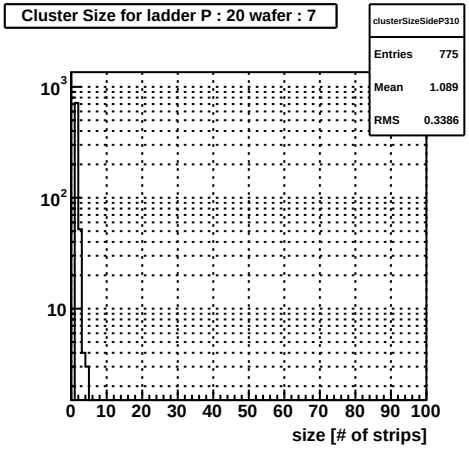

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 555
Mean 1.119
RMS 0.4332
size [# of strips]

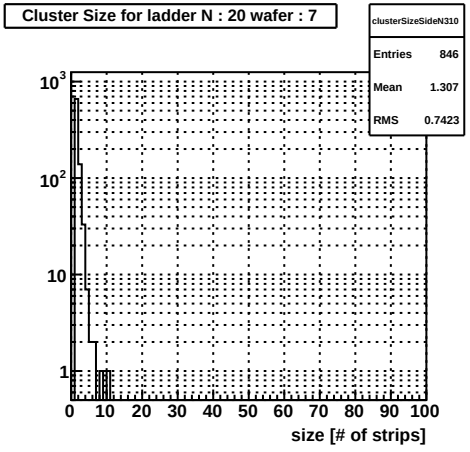

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 2254
Mean 1.22
RMS 0.5514
size [# of strips]

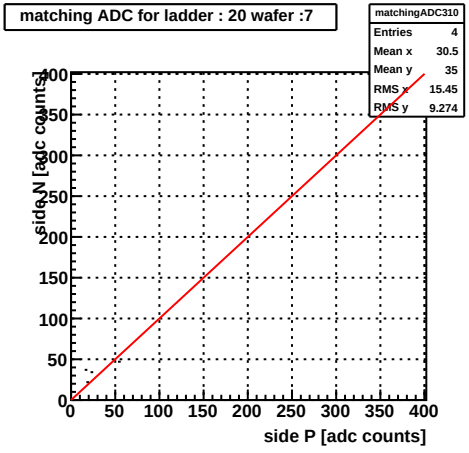

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 266
Mean x 68.44
Mean y 64.2
RMS x 55.28
RMS y 49.91
side N [adc counts]
side P [adc counts]

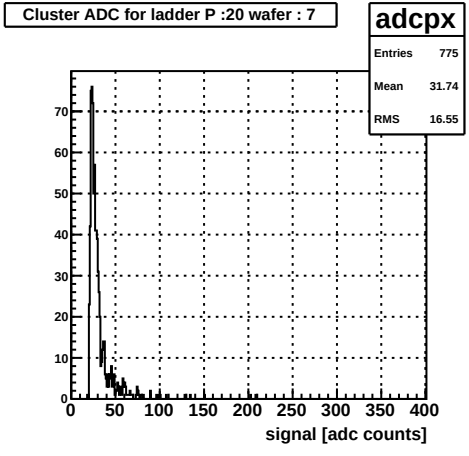

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 555
Mean 67.85
RMS 57.76
signal [adc counts]

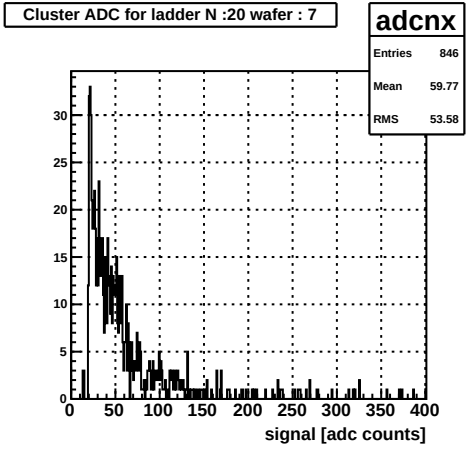

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 2254
Mean 34.55
RMS 38.48
signal [adc counts]

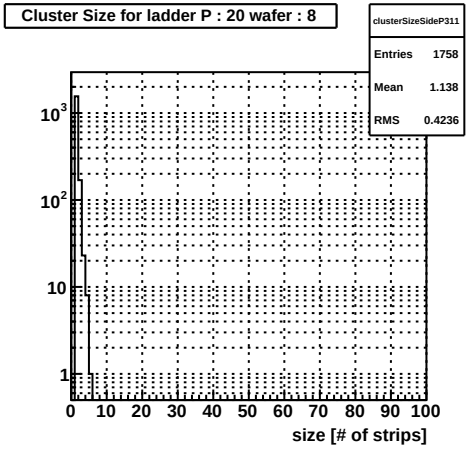

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 775
Mean 1.089
RMS 0.3386
size [# of strips]

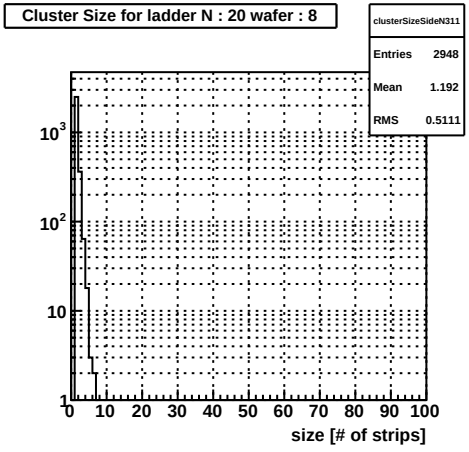

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 846
Mean 1.307
RMS 0.7423
size [# of strips]

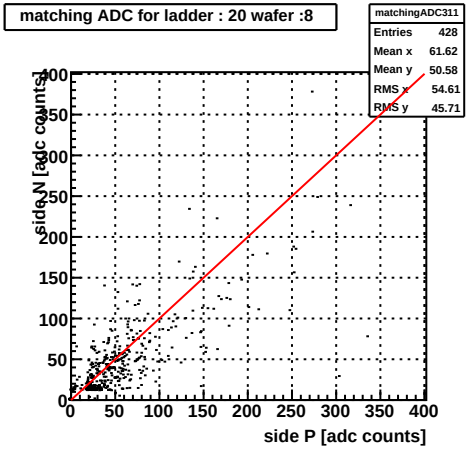

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 30.5
Mean y 35
RMS x 15.45
RMS y 9.274
side N [adc counts]
side P [adc counts]

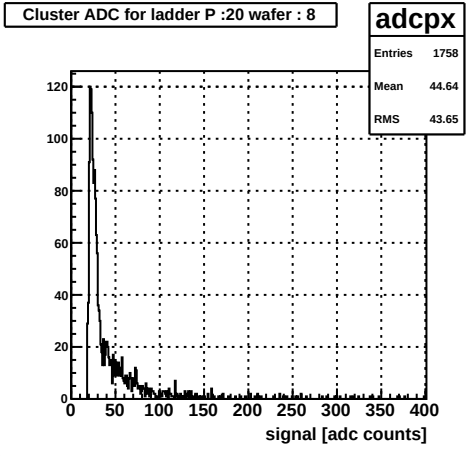

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 775
Mean 31.74
RMS 16.55
signal [adc counts]

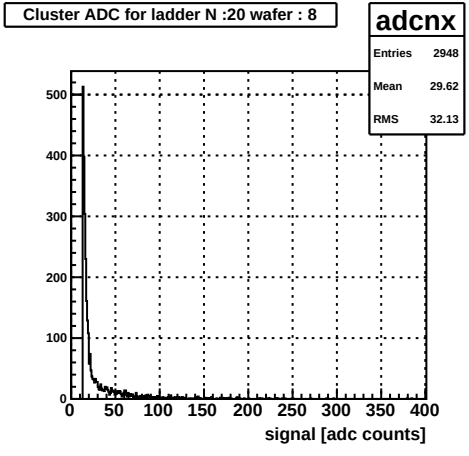

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 846
Mean 59.77
RMS 53.58
signal [adc counts]

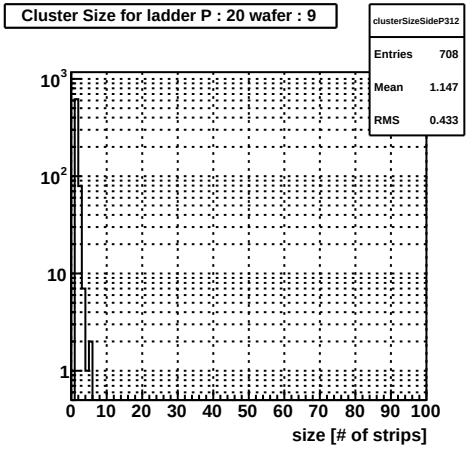

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 1758
Mean 1.138
RMS 0.4236
size [# of strips]

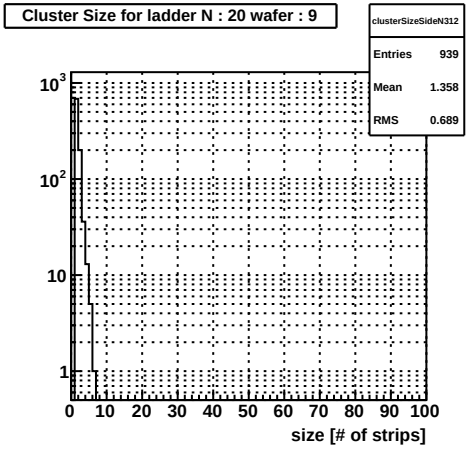

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 2948
Mean 1.192
RMS 0.5111
size [# of strips]

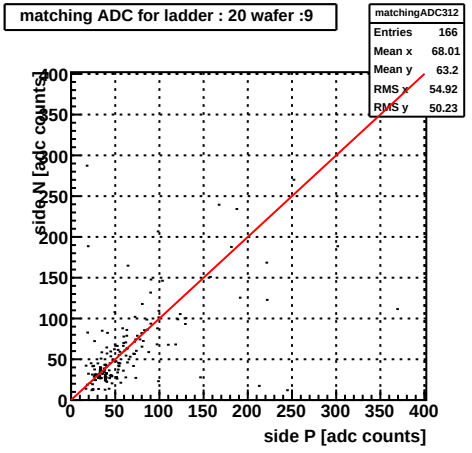

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 428
Mean x 61.62
Mean y 50.58
RMS x 54.61
RMS y 45.71
side N [adc counts]
side P [adc counts]

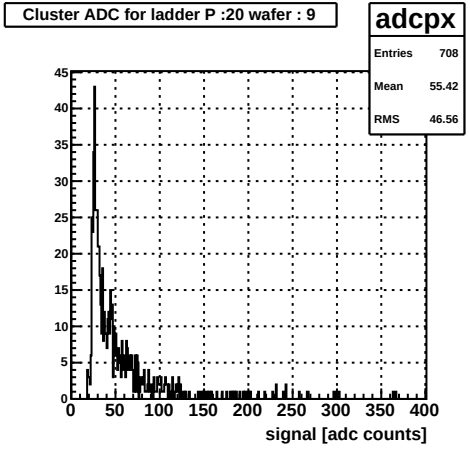

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 1758
Mean 44.64
RMS 43.65
signal [adc counts]

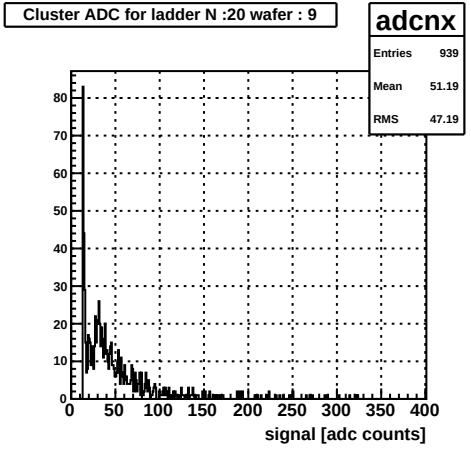

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 2948
Mean 29.62
RMS 32.13
signal [adc counts]

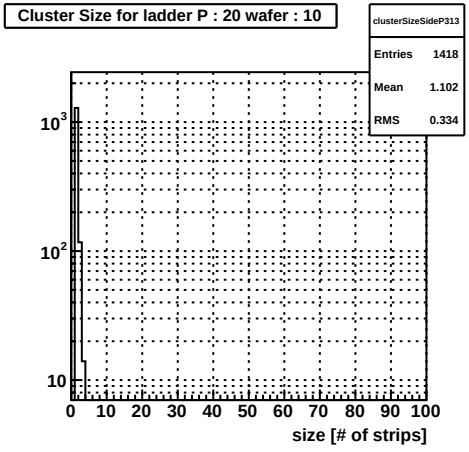

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 708
Mean 1.147
RMS 0.433
size [# of strips]

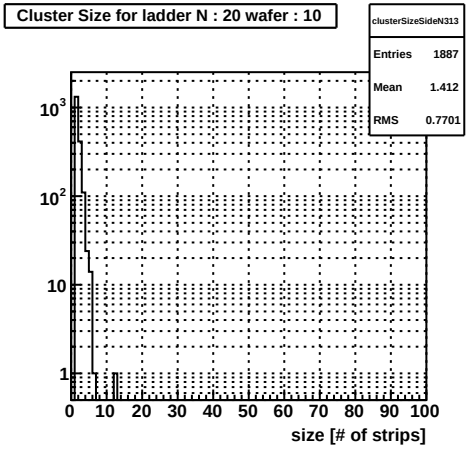

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 939
Mean 1.358
RMS 0.689
size [# of strips]

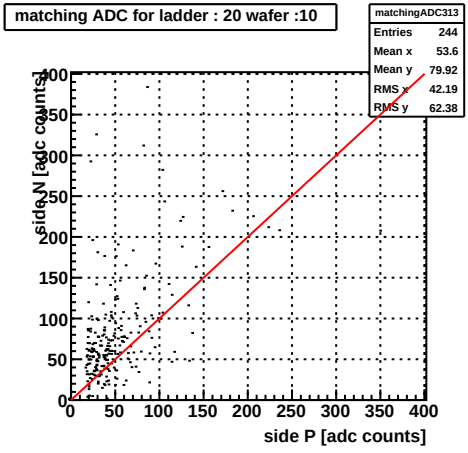

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 166
Mean x 68.01
Mean y 63.2
RMS x 54.92
RMS y 50.23
side N [adc counts]
side P [adc counts]

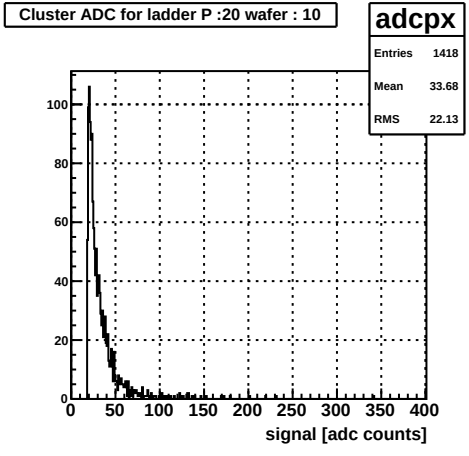

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 708
Mean 55.42
RMS 46.56
signal [adc counts]

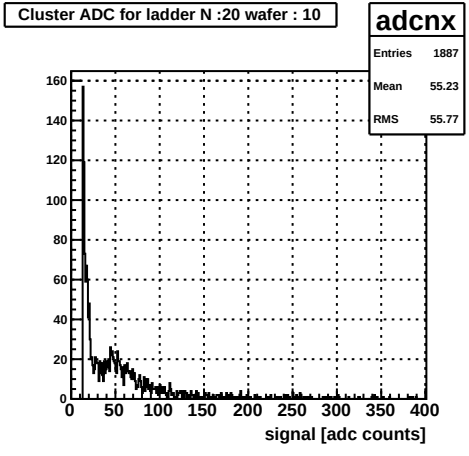

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 939
Mean 51.19
RMS 47.19
signal [adc counts]

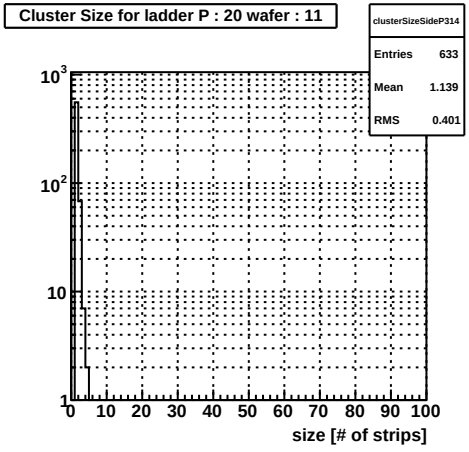

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 1418
Mean 1.102
RMS 0.334
size [# of strips]

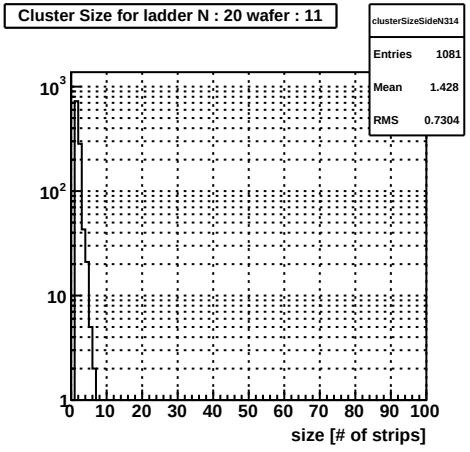

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 1887
Mean 1.412
RMS 0.7701
size [# of strips]

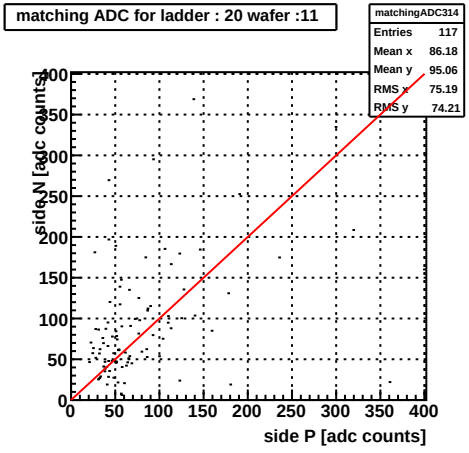

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 244
Mean x 53.6
Mean y 79.92
RMS x 42.19
RMS y 62.38
side N [adc counts]
side P [adc counts]

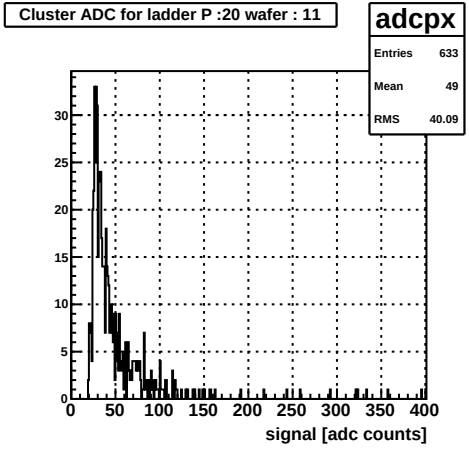

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 1418
Mean 33.68
RMS 22.13
signal [adc counts]

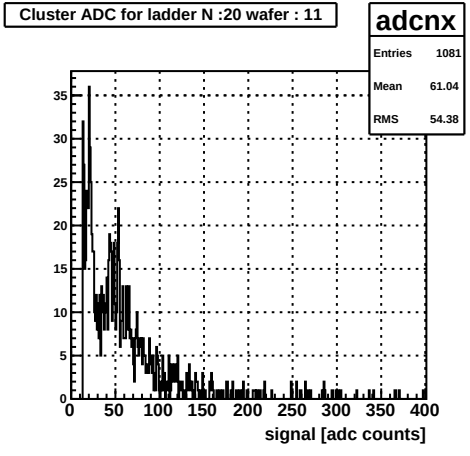

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 1887
Mean 55.23
RMS 55.77
signal [adc counts]

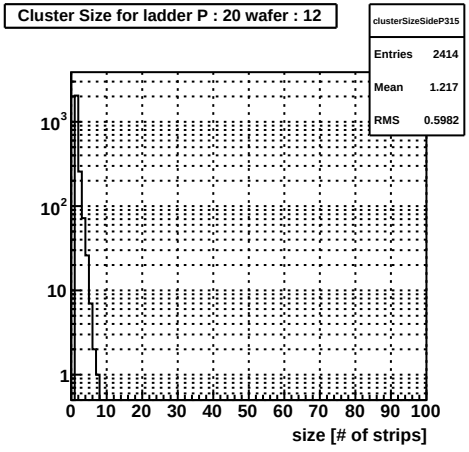

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 633
Mean 1.139
RMS 0.401
size [# of strips]

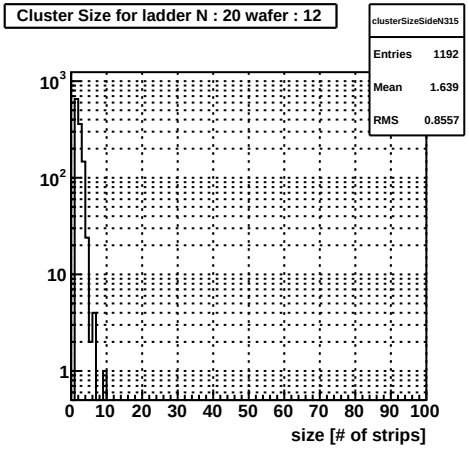

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1081
Mean 1.428
RMS 0.7304
size [# of strips]

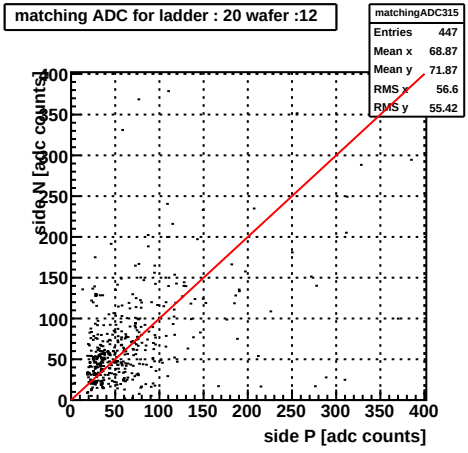

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 117
Mean x 86.18
Mean y 95.06
RMS x 75.19
RMS y 74.21
side N [adc counts]
side P [adc counts]

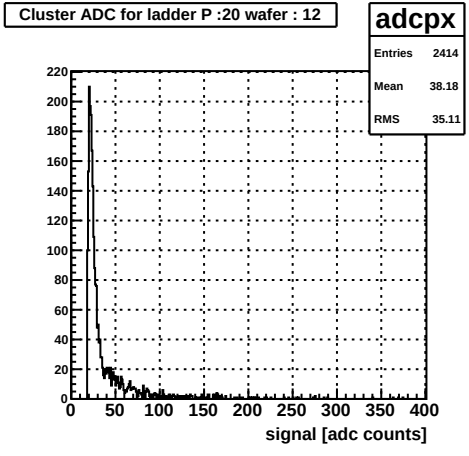

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 633
Mean 49
RMS 40.09
signal [adc counts]

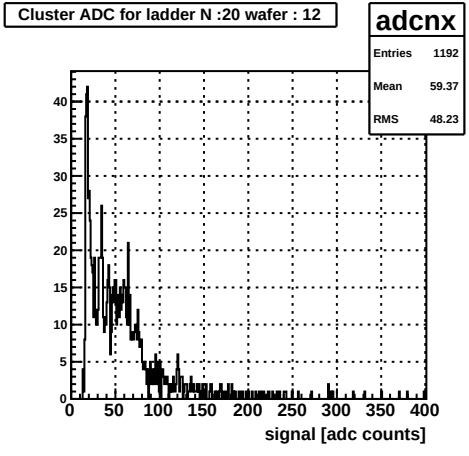

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1081
Mean 61.04
RMS 54.38
signal [adc counts]

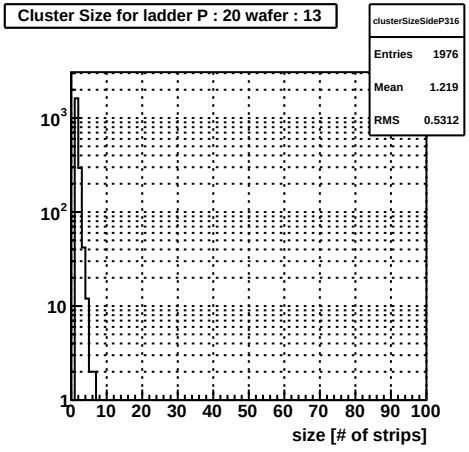

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2414
Mean 1.217
RMS 0.5982
size [# of strips]

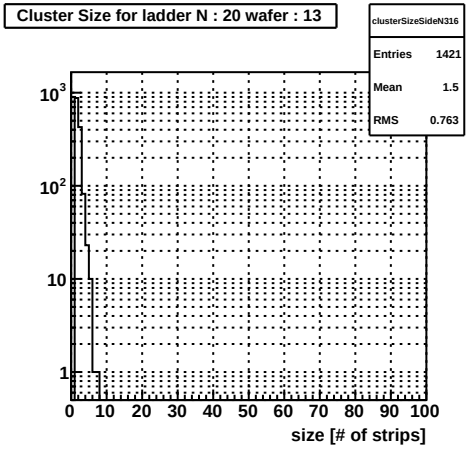

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1192
Mean 1.639
RMS 0.8557
size [# of strips]

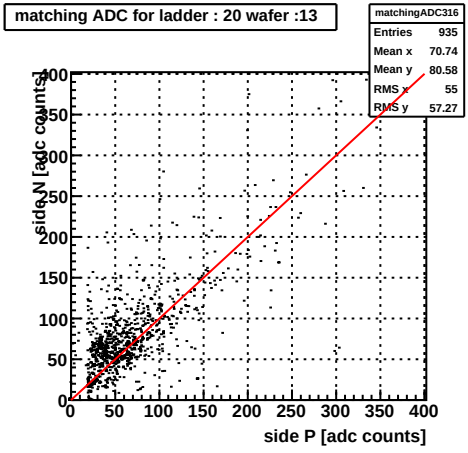

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 447
Mean x 68.87
Mean y 71.87
RMS x 56.6
RMS y 55.42
side N [adc counts]
side P [adc counts]

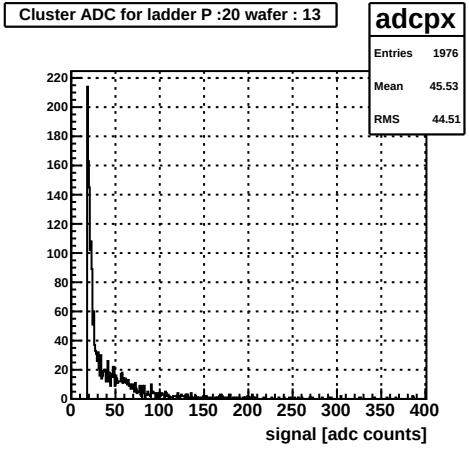

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2414
Mean 38.18
RMS 35.11
signal [adc counts]

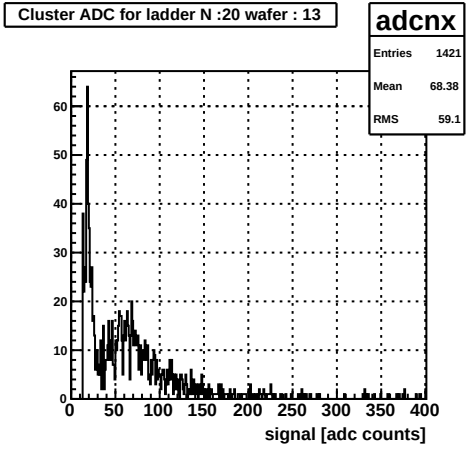

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1192
Mean 59.37
RMS 48.23
signal [adc counts]

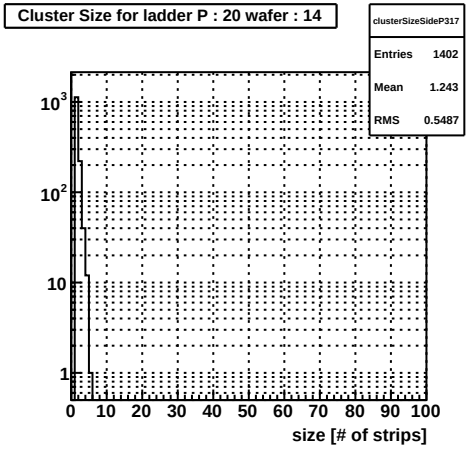

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 1976
Mean 1.219
RMS 0.5312
size [# of strips]

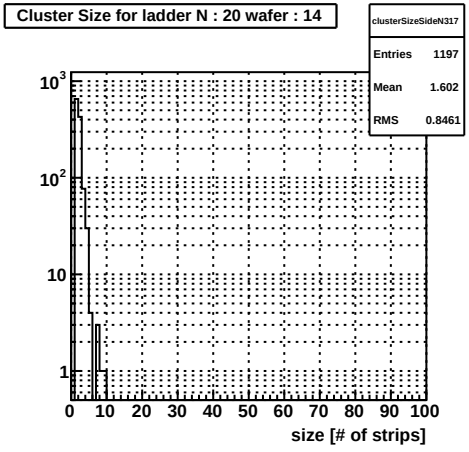

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1421
Mean 1.5
RMS 0.763
size [# of strips]

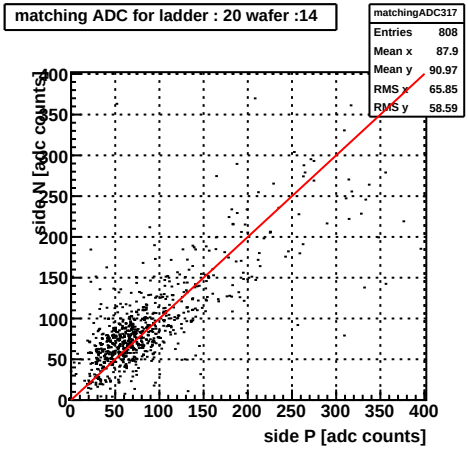

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 935
Mean x 70.74
Mean y 80.58
RMS x 55
RMS y 57.27
side N [adc counts]
side P [adc counts]

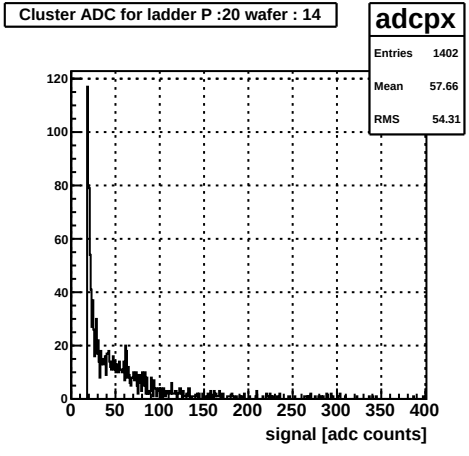

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 1976
Mean 45.53
RMS 44.51
signal [adc counts]

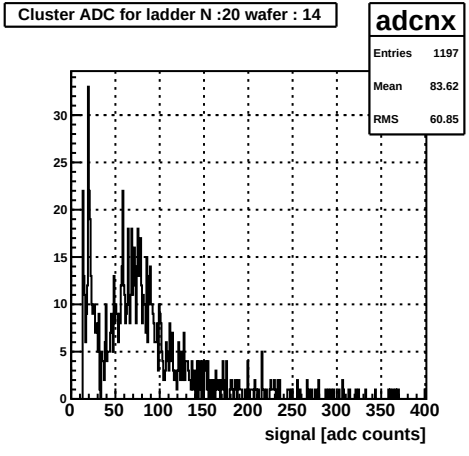

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1421
Mean 68.38
RMS 59.1
signal [adc counts]

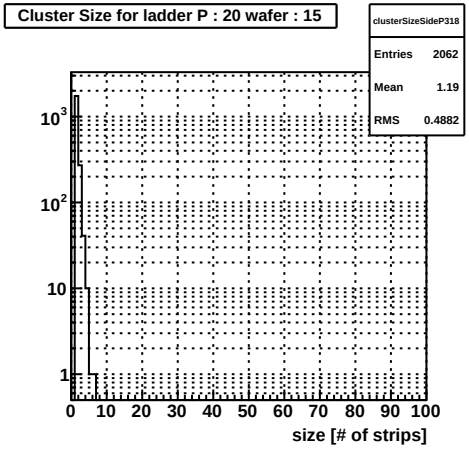

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1402
Mean 1.243
RMS 0.5487
size [# of strips]

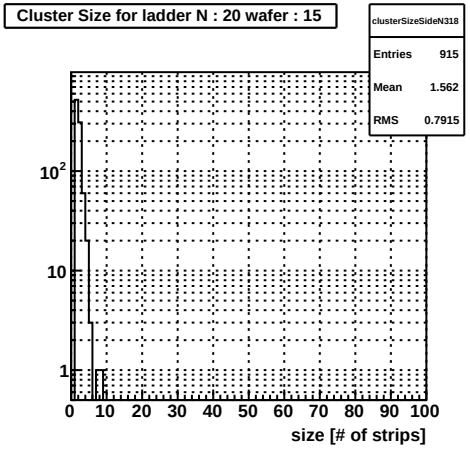

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1197
Mean 1.602
RMS 0.8461
size [# of strips]

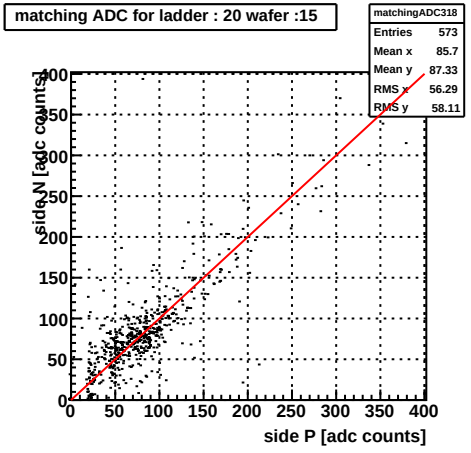

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 808
Mean x 87.9
Mean y 90.97
RMS x 65.85
RMS y 58.59
side N [adc counts]
side P [adc counts]

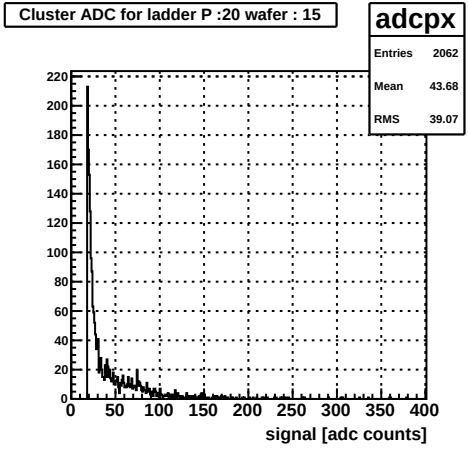

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1402
Mean 57.66
RMS 54.31
signal [adc counts]

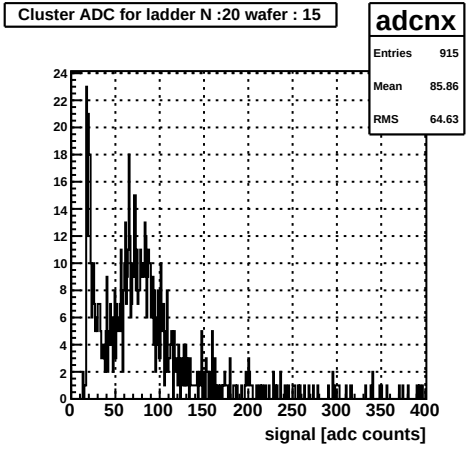

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1197
Mean 83.62
RMS 60.85
signal [adc counts]

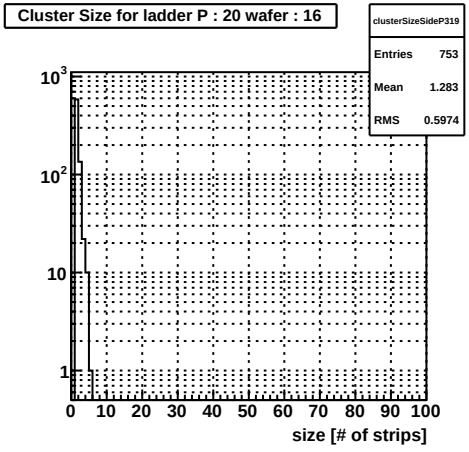

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2062
Mean 1.19
RMS 0.4882
size [# of strips]

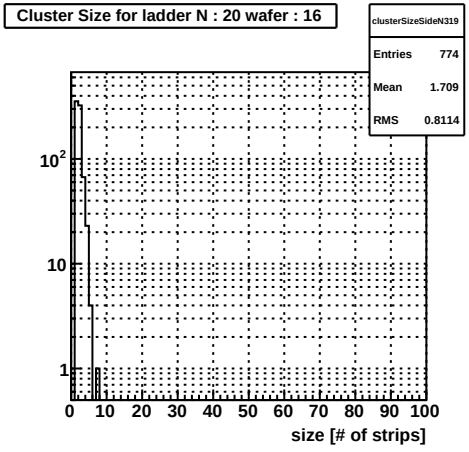

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 915
Mean 1.562
RMS 0.7915
size [# of strips]

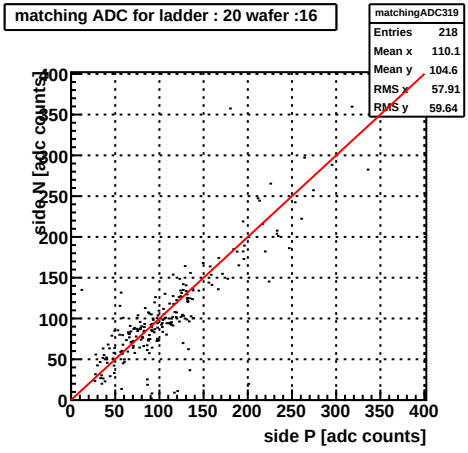

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 573
Mean x 85.7
Mean y 87.33
RMS x 56.29
RMS y 58.11
side N [adc counts]
side P [adc counts]

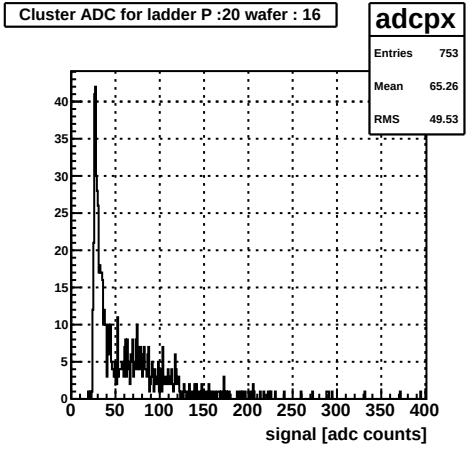

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2062
Mean 43.68
RMS 39.07
signal [adc counts]

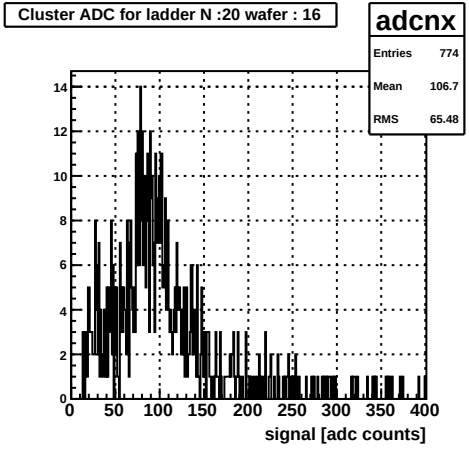

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 915
Mean 85.86
RMS 64.63
signal [adc counts]

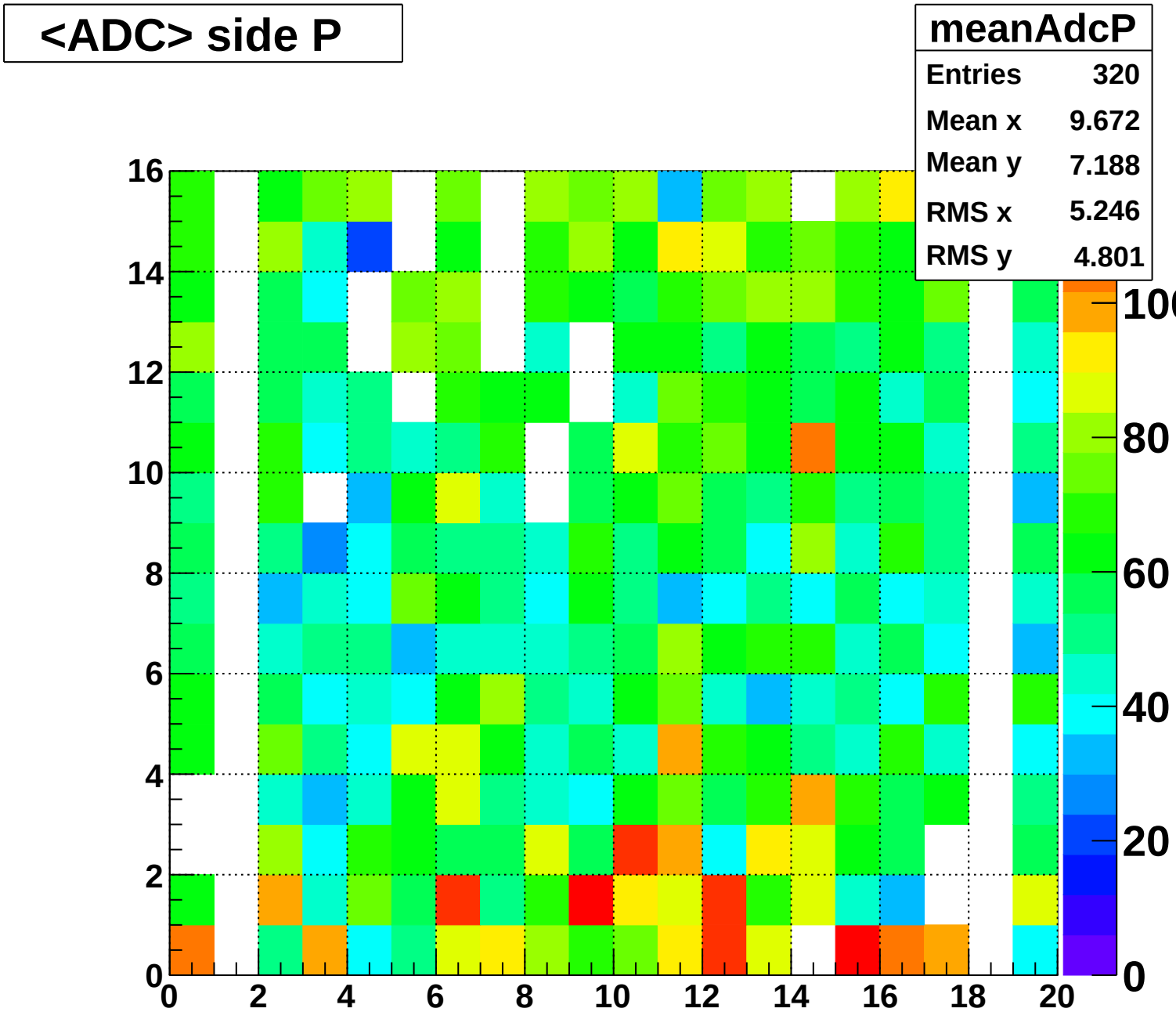

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 753
Mean 1.283
RMS 0.5974
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 774
Mean 1.709
RMS 0.8114
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 218
Mean x 110.1
Mean y 104.6
RMS x 57.91
RMS y 59.64
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 753
Mean 65.26
RMS 49.53
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 774
Mean 106.7
RMS 65.48
signal [adc counts]



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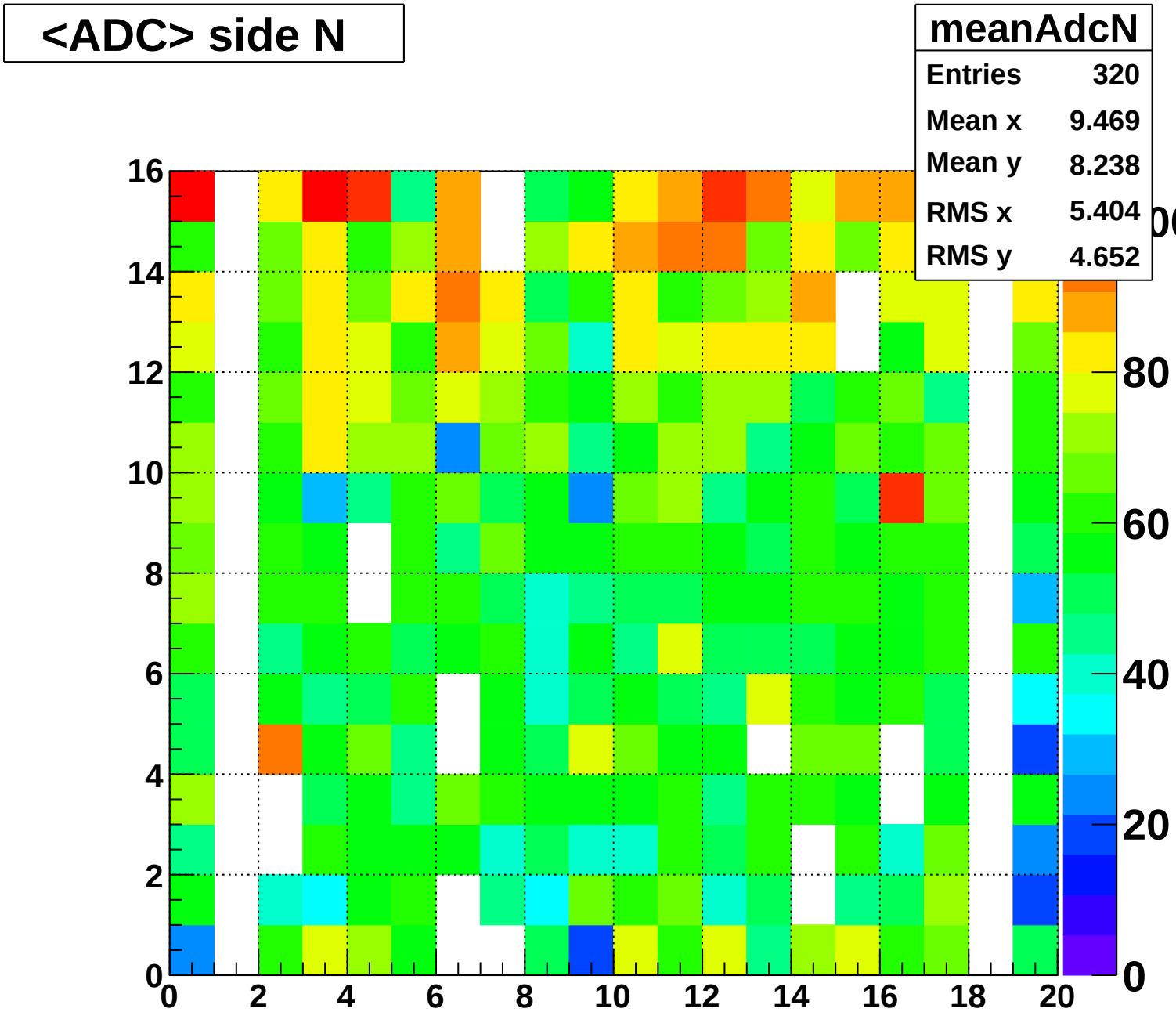

2016-06-25 13:33:46