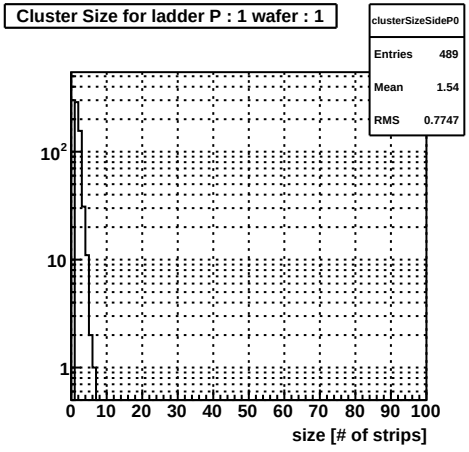
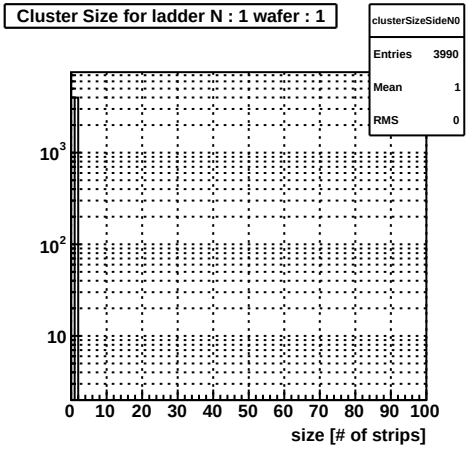
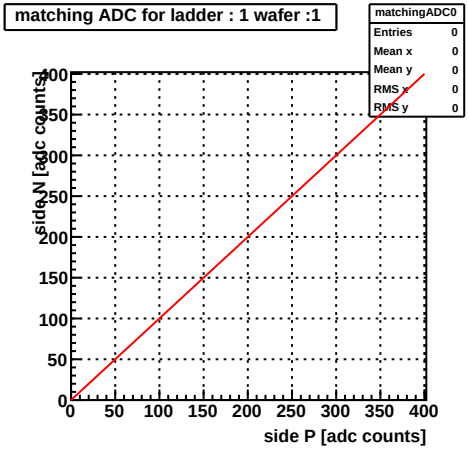
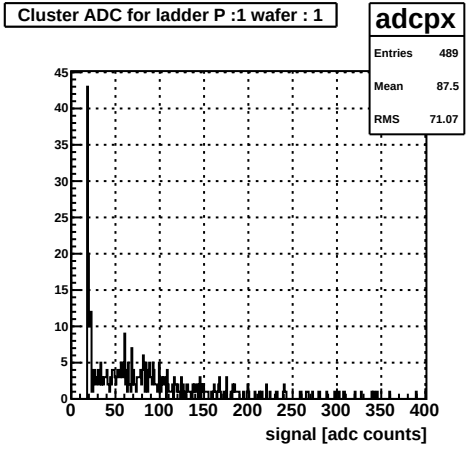
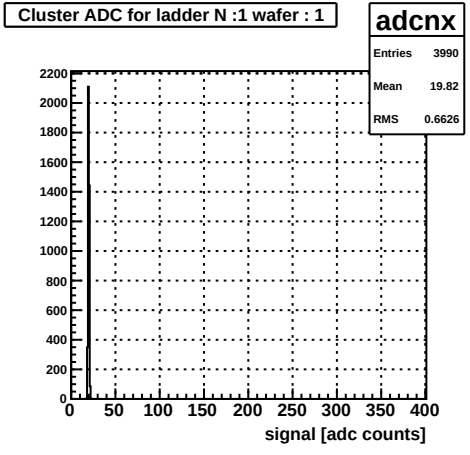
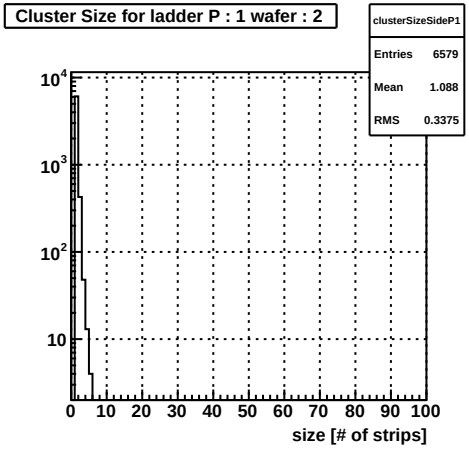

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 489
Mean 1.54
RMS 0.7747
size [# of strips]

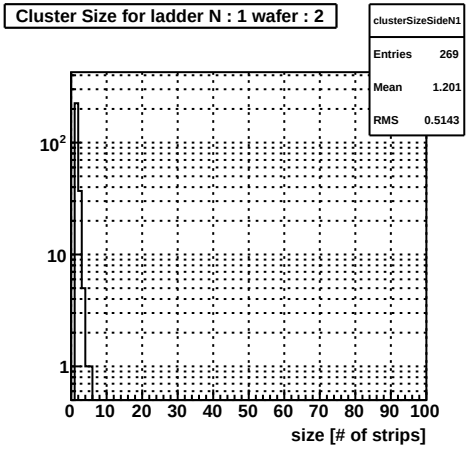

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3990
Mean 1
RMS 0
size [# of strips]

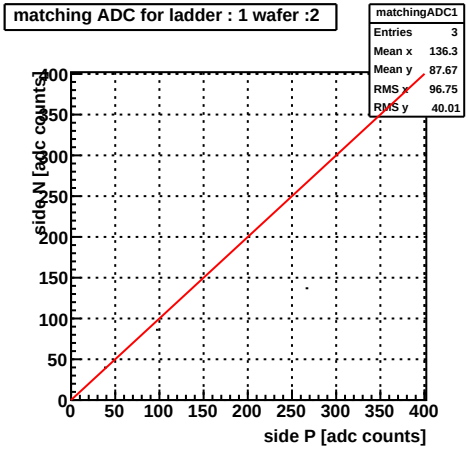

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

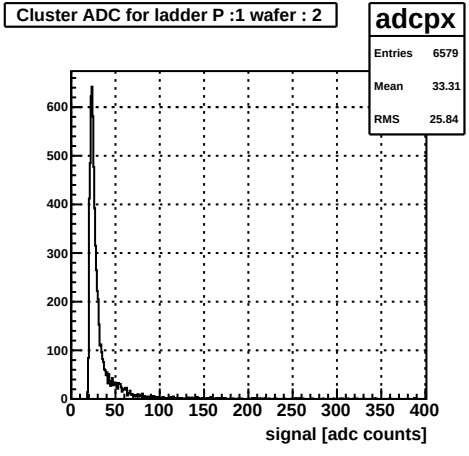

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 489
Mean 87.5
RMS 71.07
signal [adc counts]

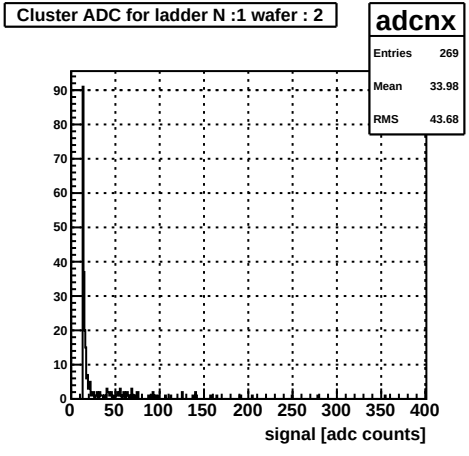

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3990
Mean 19.82
RMS 0.6626
signal [adc counts]

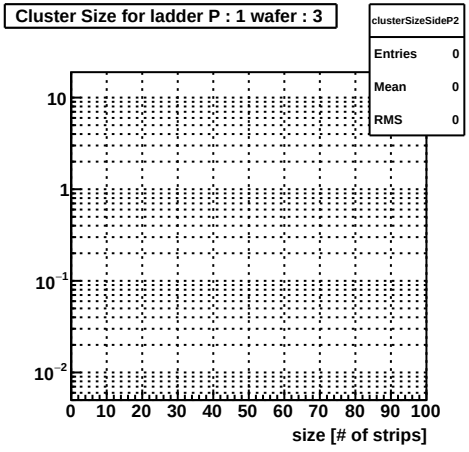

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 6579
Mean 1.088
RMS 0.3375
size [# of strips]

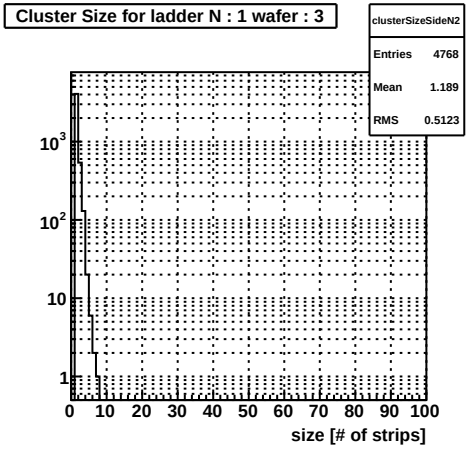

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 269
Mean 1.201
RMS 0.5143
size [# of strips]

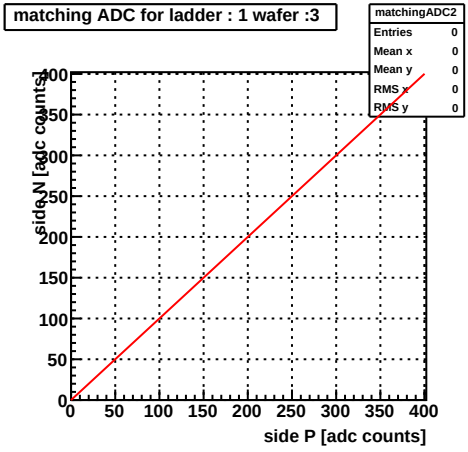

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 136.3
Mean y 87.67
RMS x 96.75
RMS y 40.01
side N [adc counts]
side P [adc counts]

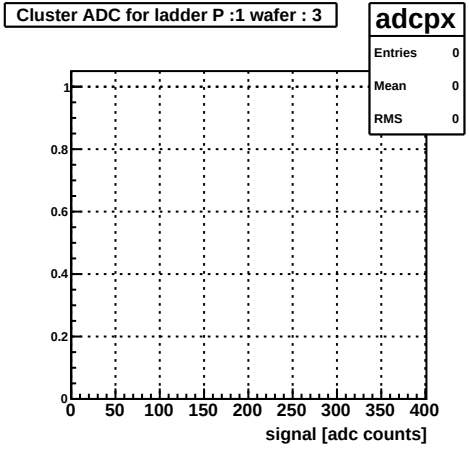

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 6579
Mean 33.31
RMS 25.84
signal [adc counts]

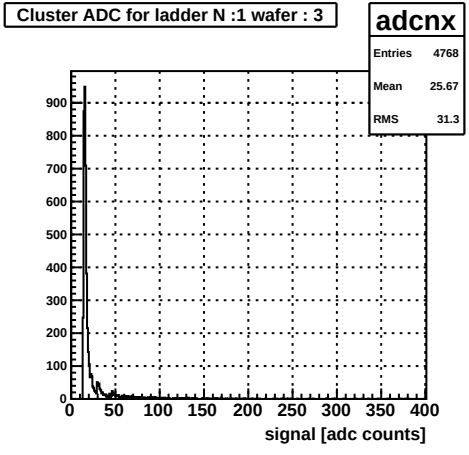

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 269
Mean 33.98
RMS 43.68
signal [adc counts]

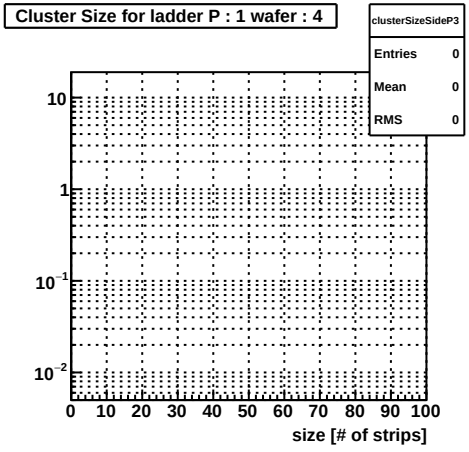

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

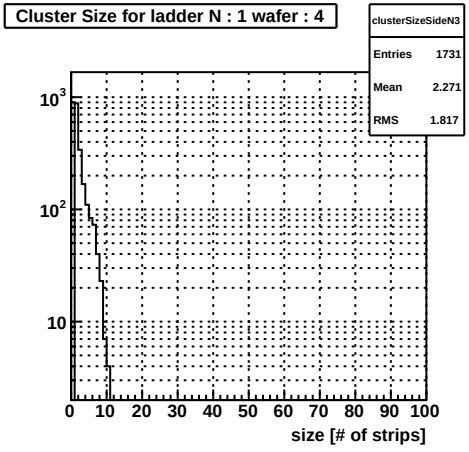

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4768
Mean 1.189
RMS 0.5123
size [# of strips]

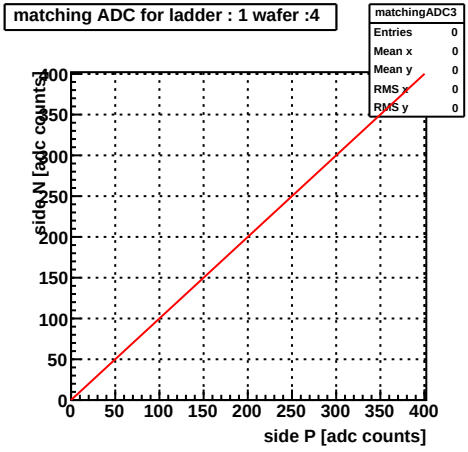

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

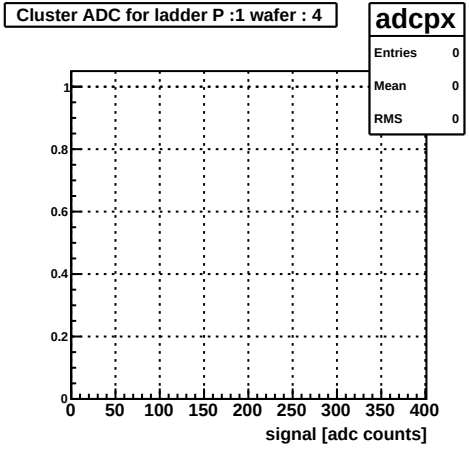

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

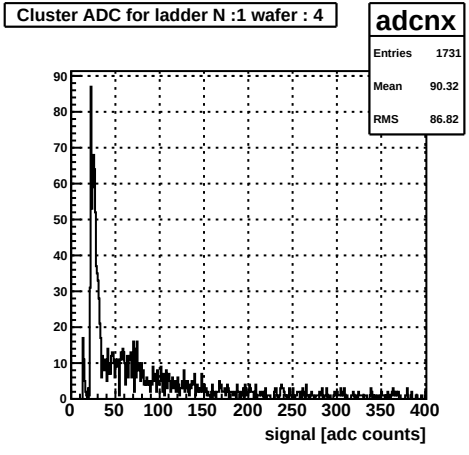

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4768
Mean 25.67
RMS 31.3
signal [adc counts]

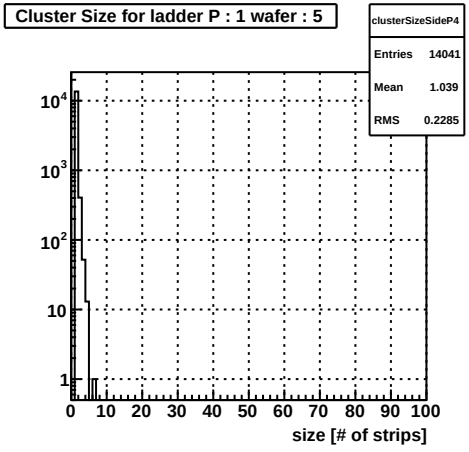

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

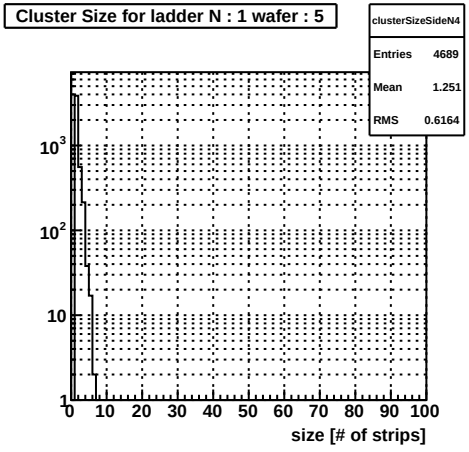

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1731
Mean 2.271
RMS 1.817
size [# of strips]

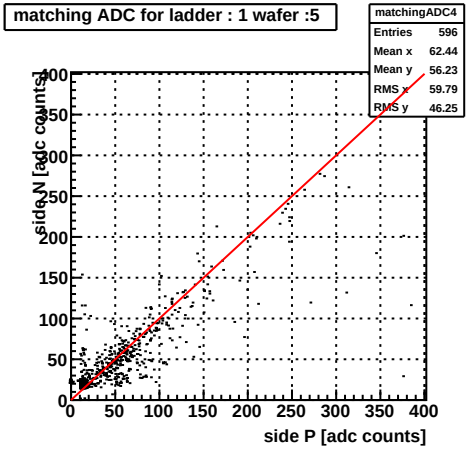

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

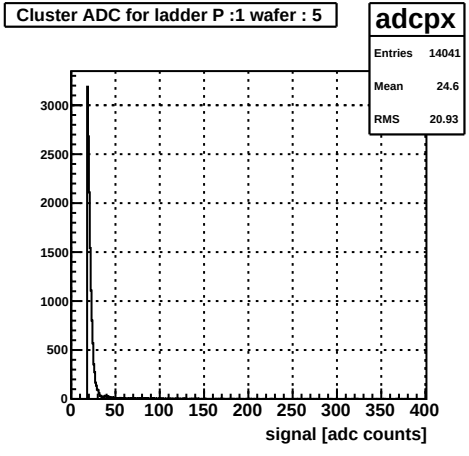

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

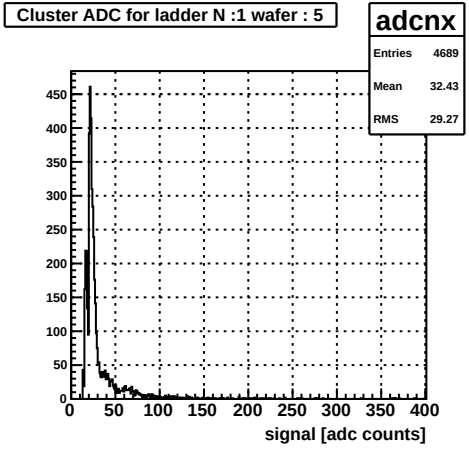

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1731
Mean 90.32
RMS 86.82
signal [adc counts]

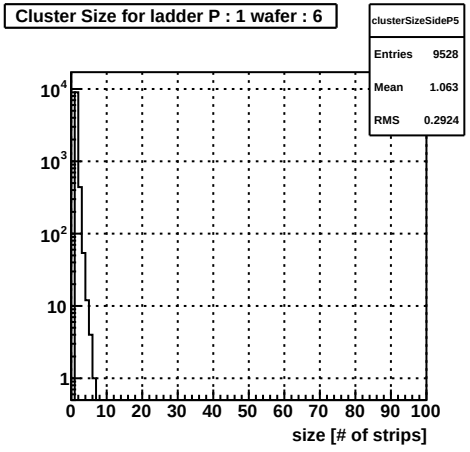

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 14041
Mean 1.039
RMS 0.2285
size [# of strips]

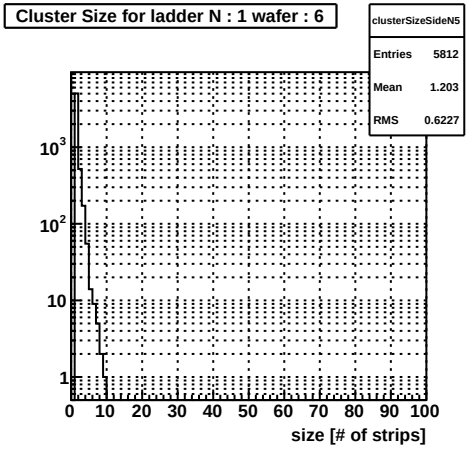

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4689
Mean 1.251
RMS 0.6164
size [# of strips]

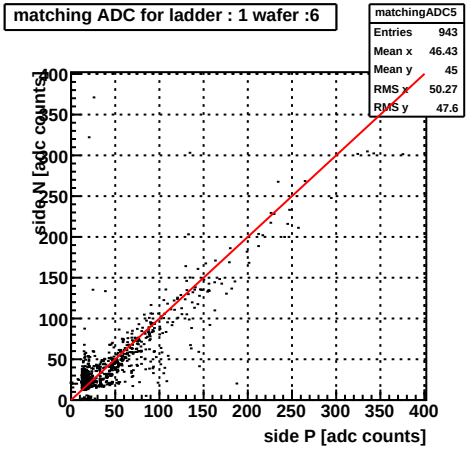

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 596
Mean x 62.44
Mean y 56.23
RMS x 59.79
RMS y 46.25
side N [adc counts]
side P [adc counts]

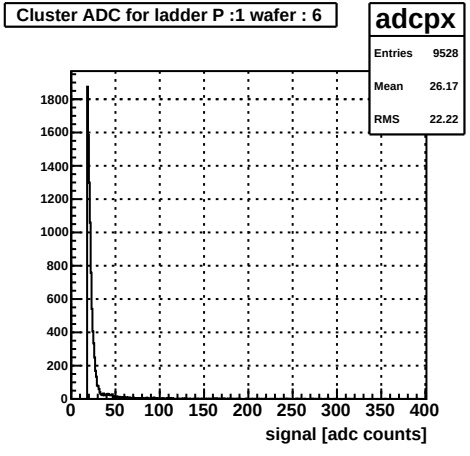

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 14041
Mean 24.6
RMS 20.93
signal [adc counts]

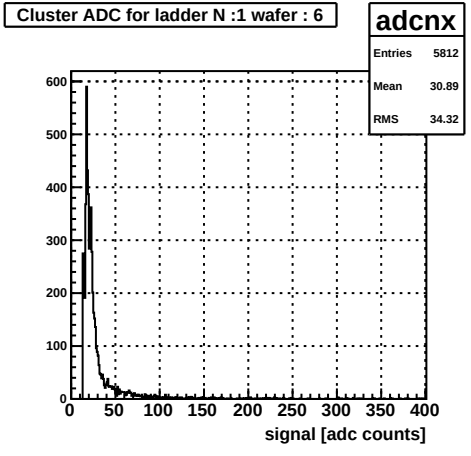

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4689
Mean 32.43
RMS 29.27
signal [adc counts]

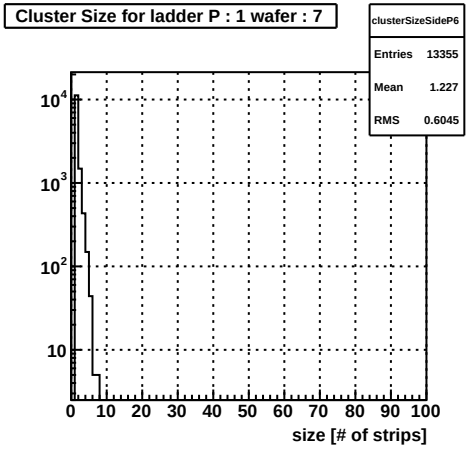

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9528
Mean 1.063
RMS 0.2924
size [# of strips]

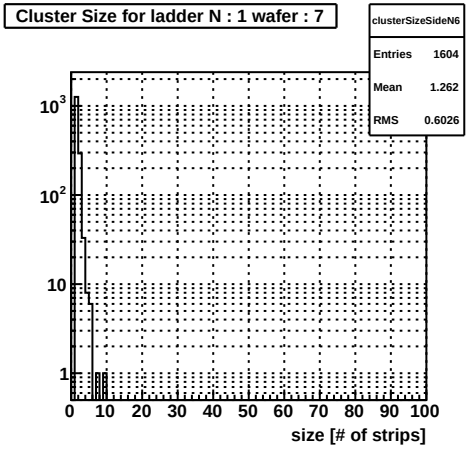

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5812
Mean 1.203
RMS 0.6227
size [# of strips]

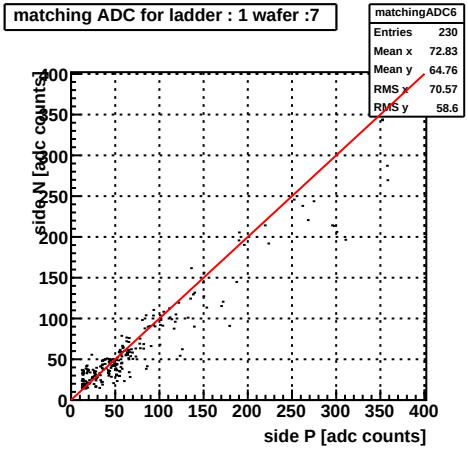

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 943
Mean x 46.43
Mean y 45
RMS x 50.27
RMS y 47.6
side N [adc counts]
side P [adc counts]

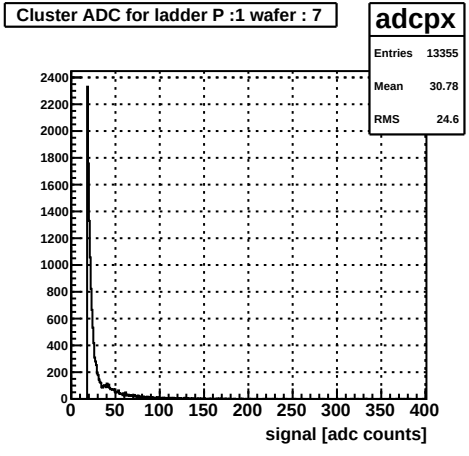

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9528
Mean 26.17
RMS 22.22
signal [adc counts]

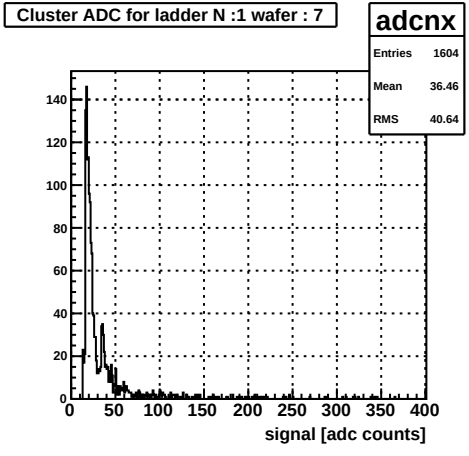

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5812
Mean 30.89
RMS 34.32
signal [adc counts]

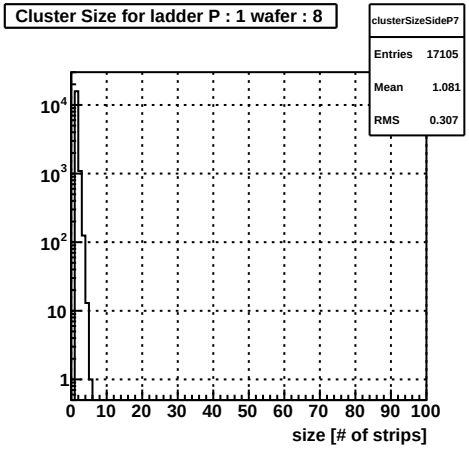

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 13355
Mean 1.227
RMS 0.6045
size [# of strips]

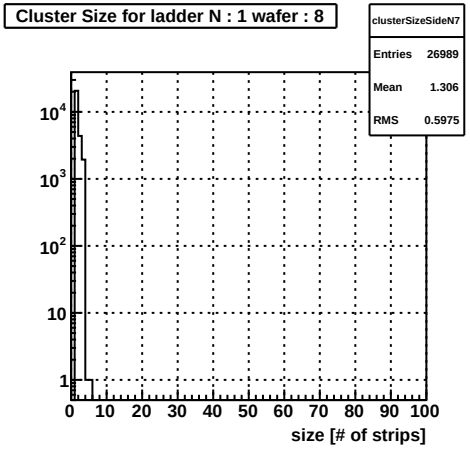

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1604
Mean 1.262
RMS 0.6026
size [# of strips]

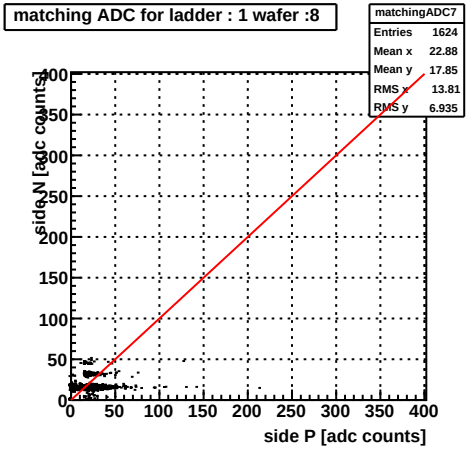

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 230
Mean x 72.83
Mean y 64.76
RMS x 70.57
RMS y 58.6
side N [adc counts]
side P [adc counts]

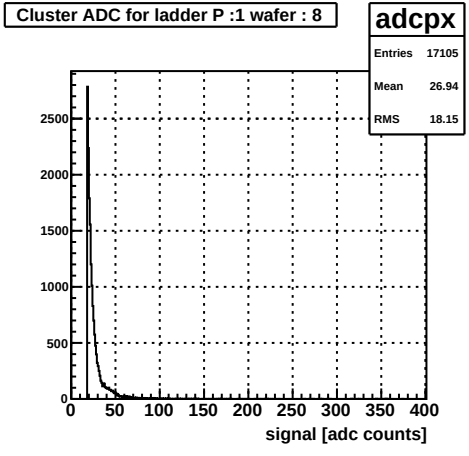

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 13355
Mean 30.78
RMS 24.6
signal [adc counts]

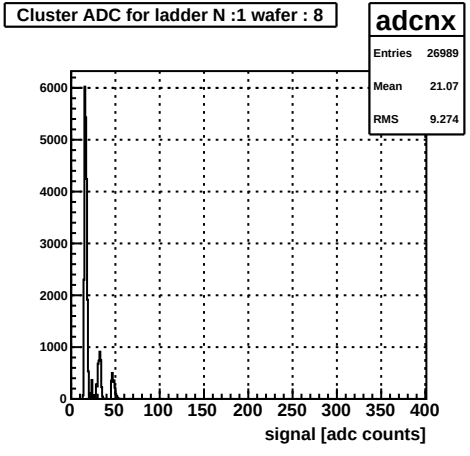

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1604
Mean 36.46
RMS 40.64
signal [adc counts]

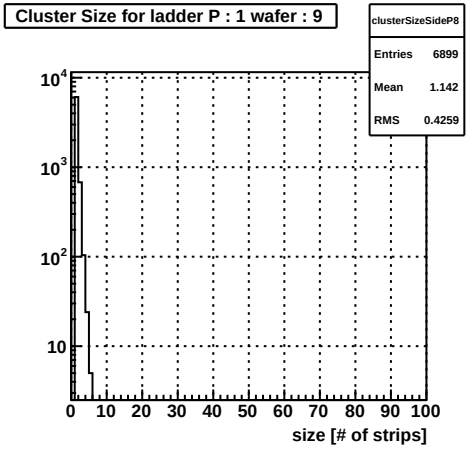

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17105
Mean 1.081
RMS 0.307
size [# of strips]

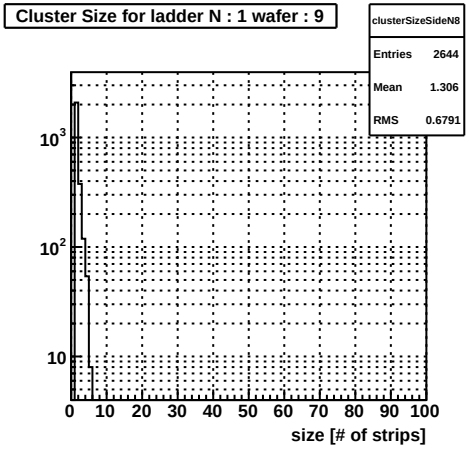

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 26989
Mean 1.306
RMS 0.5975
size [# of strips]

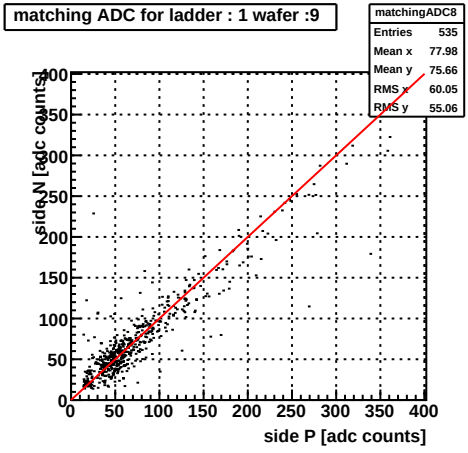

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 1624
Mean x 22.88
Mean y 17.85
RMS x 13.81
RMS y 6.935
side N [adc counts]
side P [adc counts]

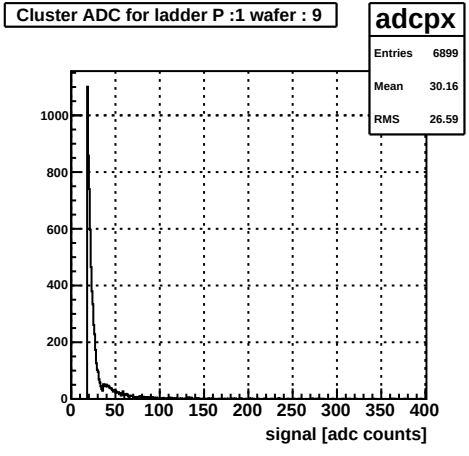

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17105
Mean 26.94
RMS 18.15
signal [adc counts]

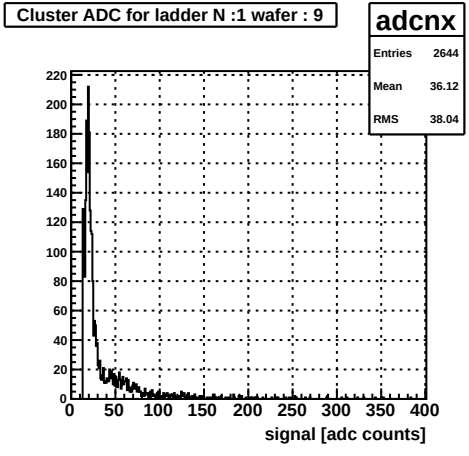

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 26989
Mean 21.07
RMS 9.274
signal [adc counts]

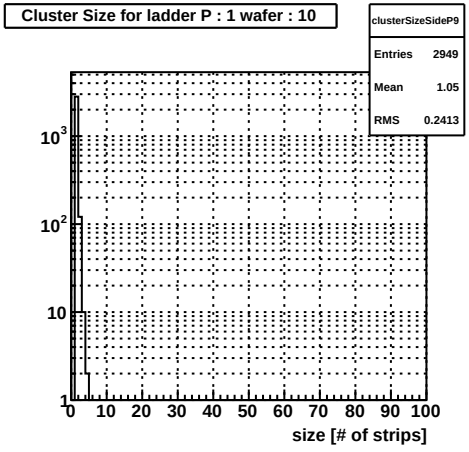

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6899
Mean 1.142
RMS 0.4259
size [# of strips]

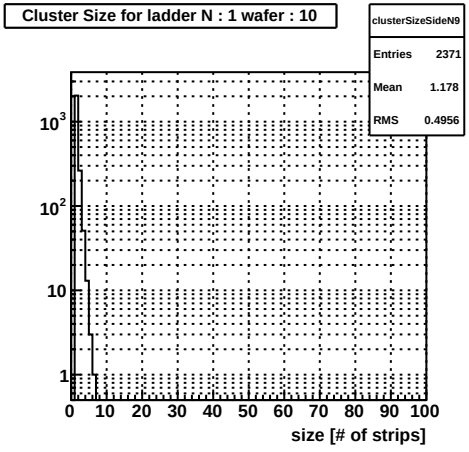

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2644
Mean 1.306
RMS 0.6791
size [# of strips]

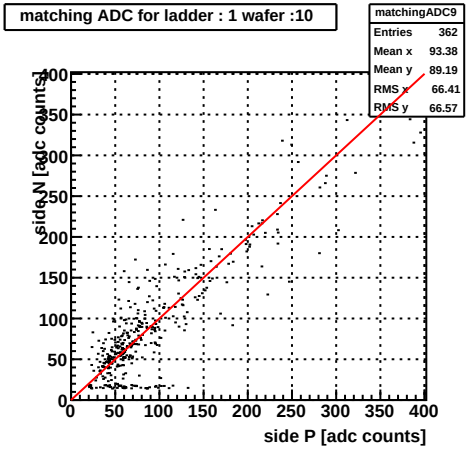

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 535
Mean x 77.98
Mean y 75.66
RMS x 60.05
RMS y 55.06
side N [adc counts]
side P [adc counts]

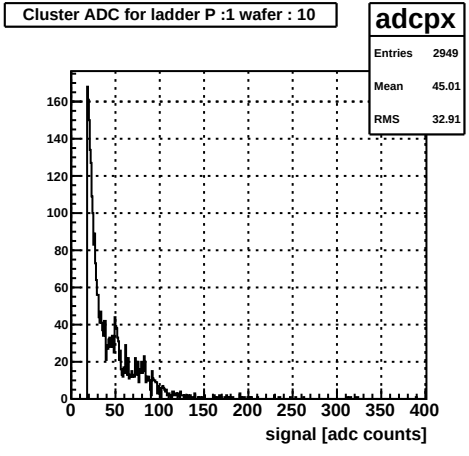

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6899
Mean 30.16
RMS 26.59
signal [adc counts]

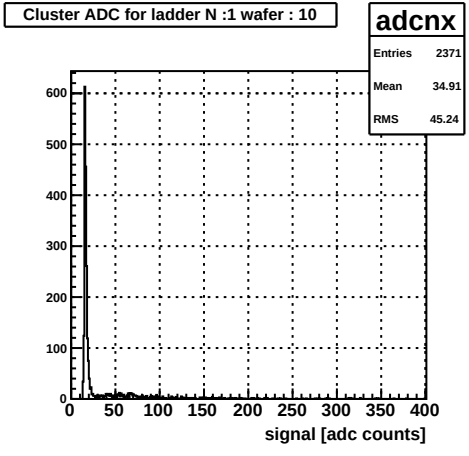

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2644
Mean 36.12
RMS 38.04
signal [adc counts]

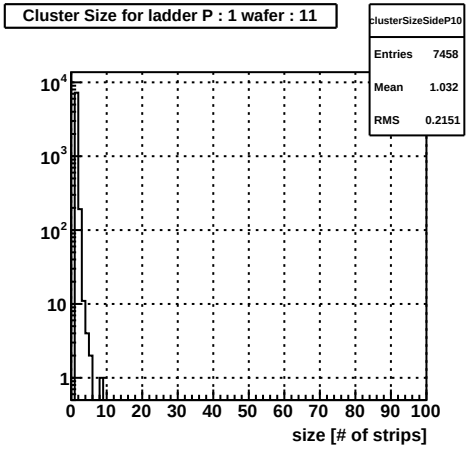

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2949
Mean 1.05
RMS 0.2413
size [# of strips]

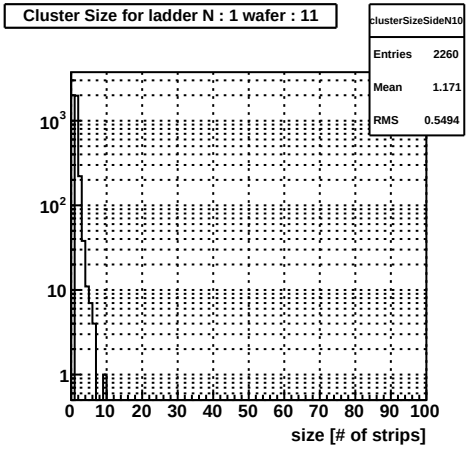

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2371
Mean 1.178
RMS 0.4956
size [# of strips]

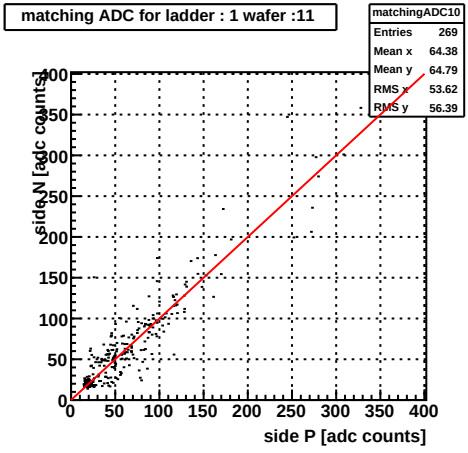

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 362
Mean x 93.38
Mean y 89.19
RMS x 66.41
RMS y 66.57
side N [adc counts]
side P [adc counts]

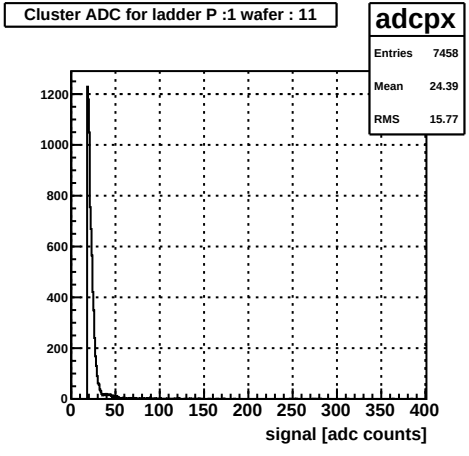

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2949
Mean 45.01
RMS 32.91
signal [adc counts]

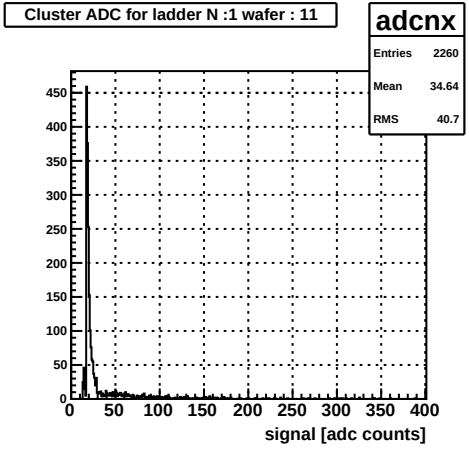

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2371
Mean 34.91
RMS 45.24
signal [adc counts]

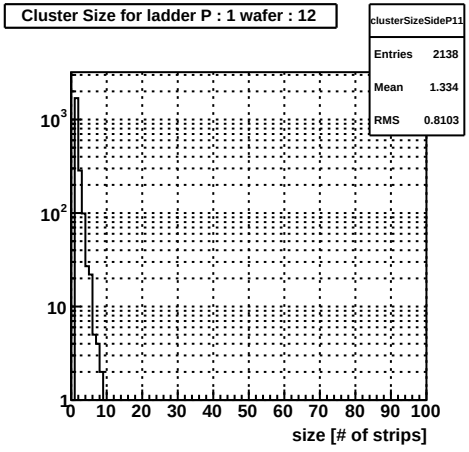

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7458
Mean 1.032
RMS 0.2151
size [# of strips]

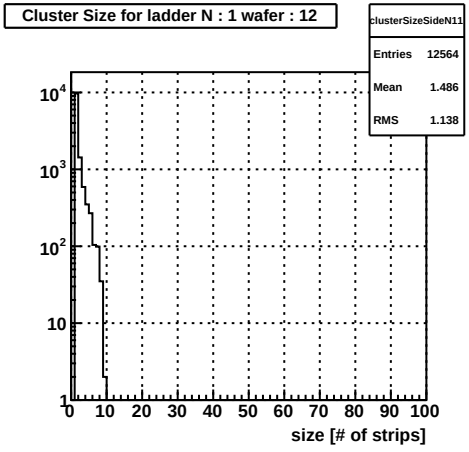

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2260
Mean 1.171
RMS 0.5494
size [# of strips]

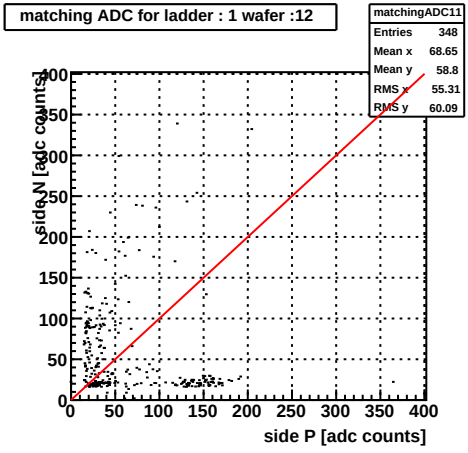

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 269
Mean x 64.38
Mean y 64.79
RMS x 53.62
RMS y 56.39
side N [adc counts]
side P [adc counts]

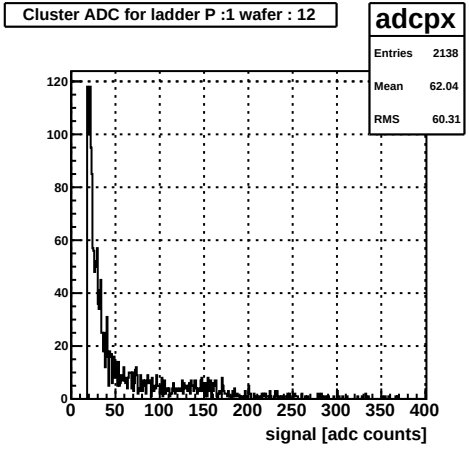

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7458
Mean 24.39
RMS 15.77
signal [adc counts]

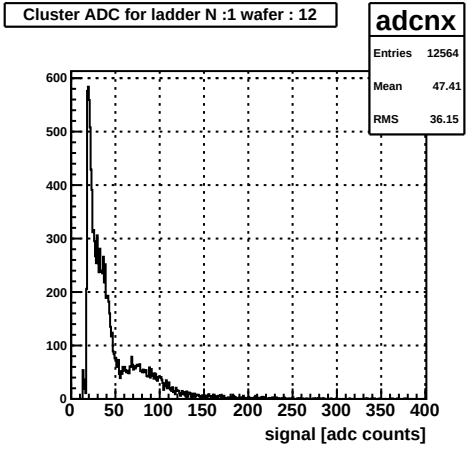

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2260
Mean 34.64
RMS 40.7
signal [adc counts]

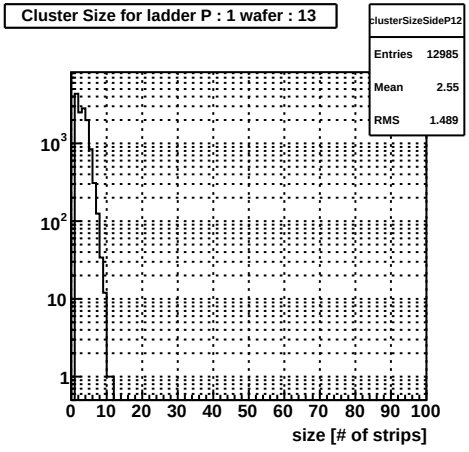

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2138
Mean 1.334
RMS 0.8103
size [# of strips]

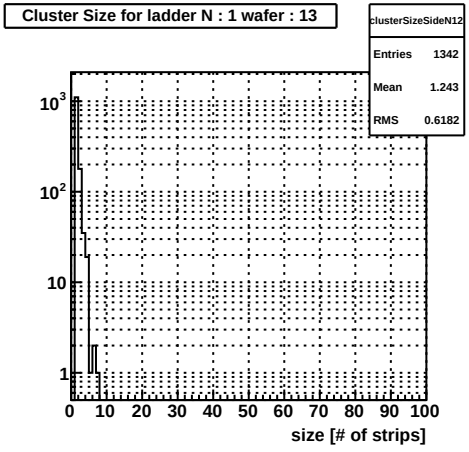

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 12564
Mean 1.486
RMS 1.138
size [# of strips]

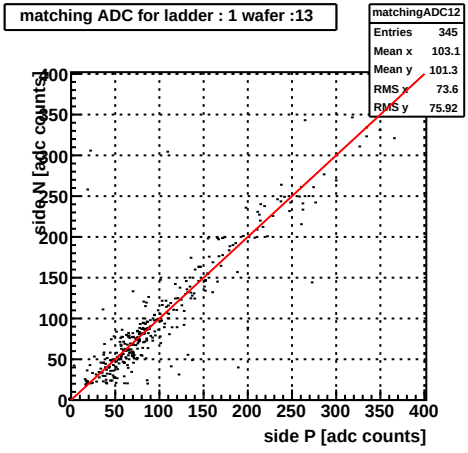

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 348
Mean x 68.65
Mean y 58.8
RMS x 55.31
RMS y 60.09
side N [adc counts]
side P [adc counts]

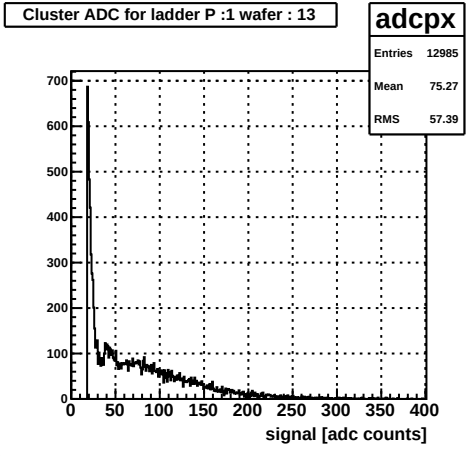

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2138
Mean 62.04
RMS 60.31
signal [adc counts]

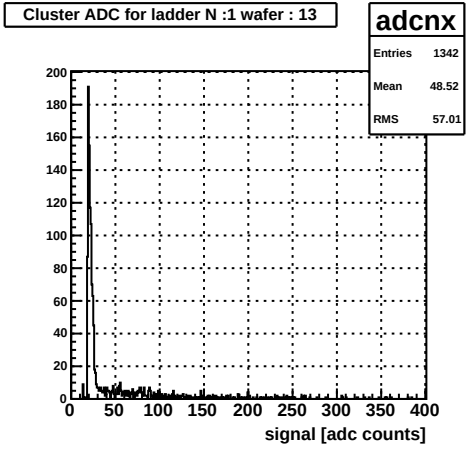

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 12564
Mean 47.41
RMS 36.15
signal [adc counts]

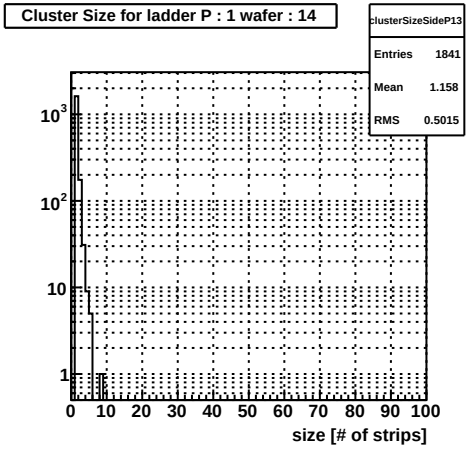

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12985
Mean 2.55
RMS 1.489
size [# of strips]

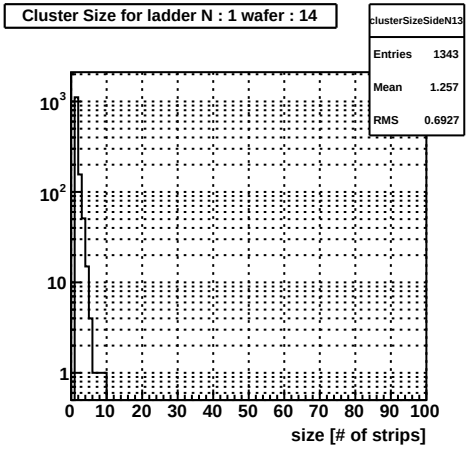

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1342
Mean 1.243
RMS 0.6182
size [# of strips]

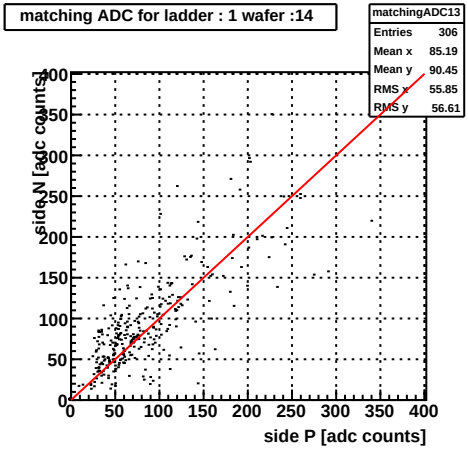

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 345
Mean x 103.1
Mean y 101.3
RMS x 73.6
RMS y 75.92
side N [adc counts]
side P [adc counts]

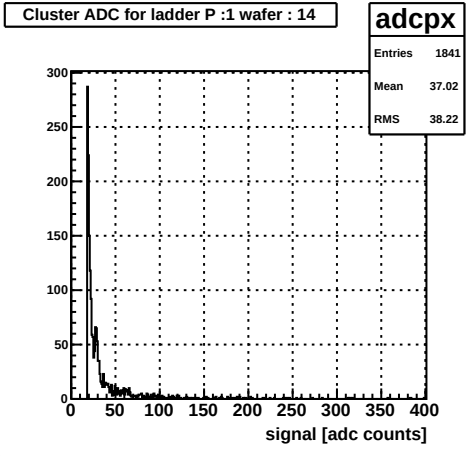

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12985
Mean 75.27
RMS 57.39
signal [adc counts]

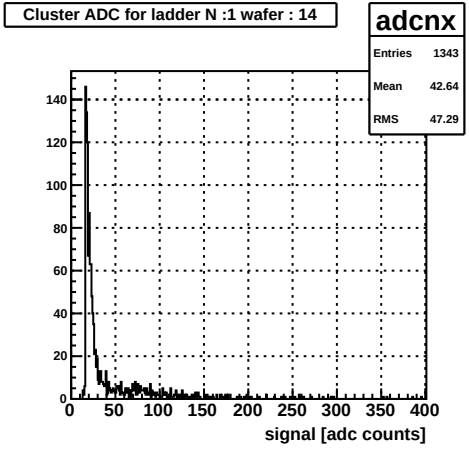

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1342
Mean 48.52
RMS 57.01
signal [adc counts]

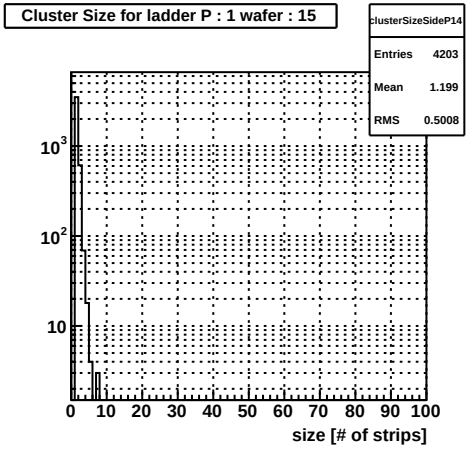

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1841
Mean 1.158
RMS 0.5015
size [# of strips]

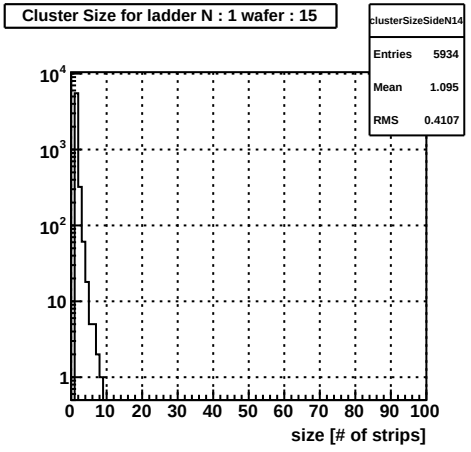

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1343
Mean 1.257
RMS 0.6927
size [# of strips]

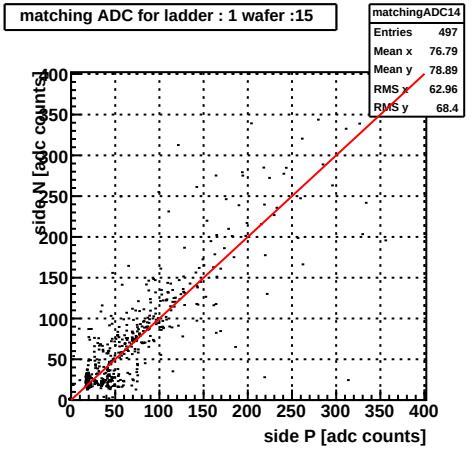

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 306
Mean x 85.19
Mean y 90.45
RMS x 55.85
RMS y 56.61
side N [adc counts]
side P [adc counts]

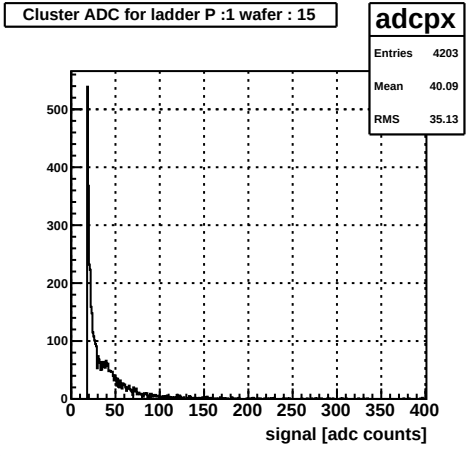

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1841
Mean 37.02
RMS 38.22
signal [adc counts]

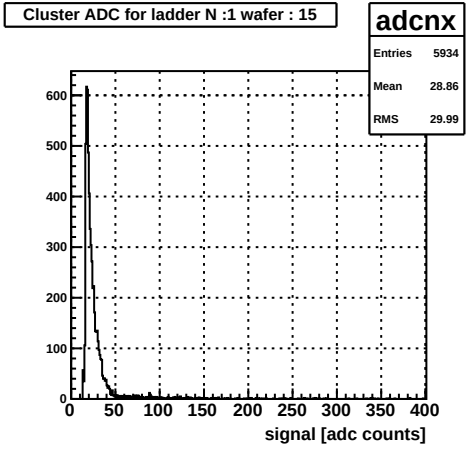

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1343
Mean 42.64
RMS 47.29
signal [adc counts]

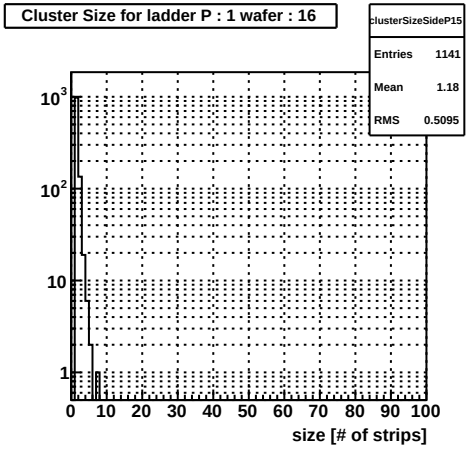

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4203
Mean 1.199
RMS 0.5008
size [# of strips]

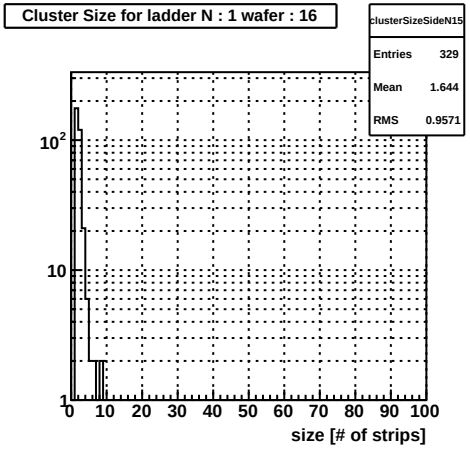

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5934
Mean 1.095
RMS 0.4107
size [# of strips]

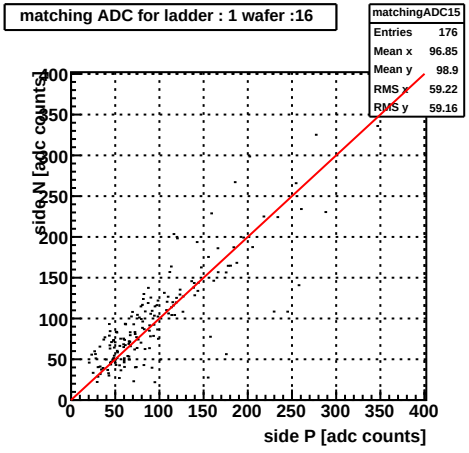

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 497
Mean x 76.79
Mean y 78.89
RMS x 62.96
RMS y 68.4
side N [adc counts]
side P [adc counts]

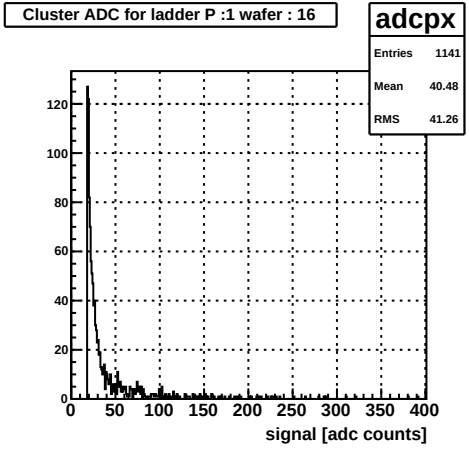

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4203
Mean 40.09
RMS 35.13
signal [adc counts]

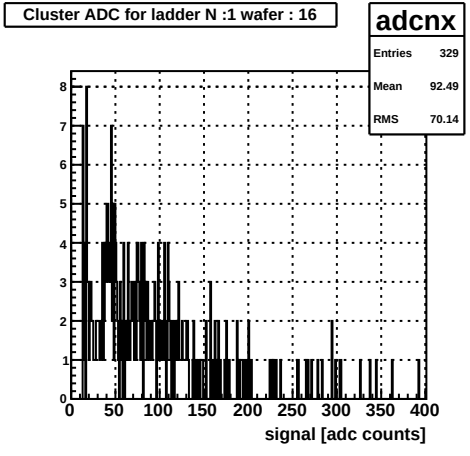

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5934
Mean 28.86
RMS 29.99
signal [adc counts]

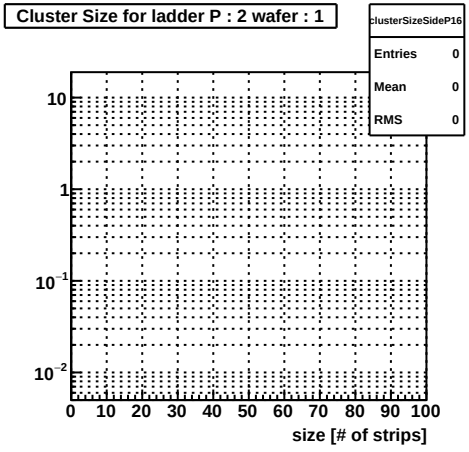

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1141
Mean 1.18
RMS 0.5095
size [# of strips]

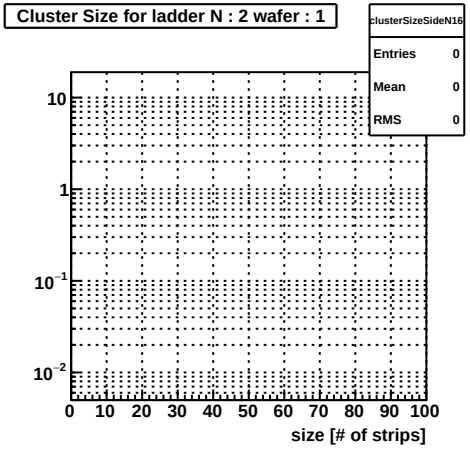

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 329
Mean 1.644
RMS 0.9571
size [# of strips]

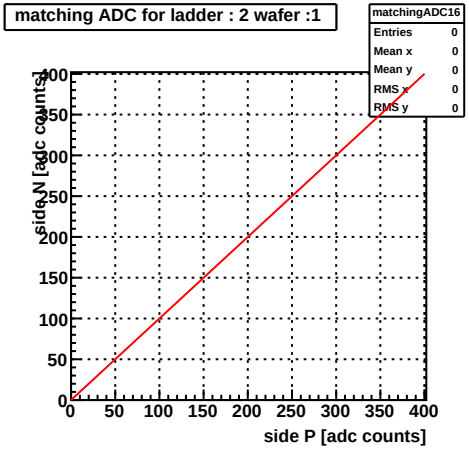

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 176
Mean x 96.85
Mean y 98.9
RMS x 59.22
RMS y 59.16
side N [adc counts]
side P [adc counts]

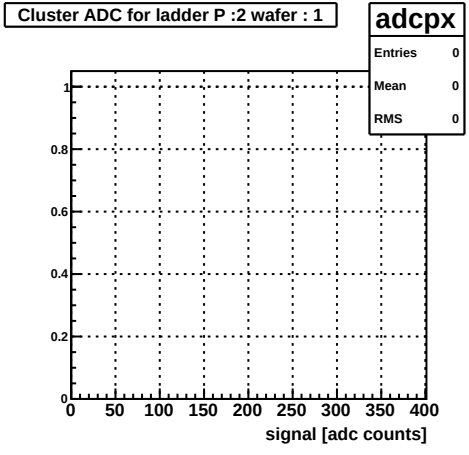

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1141
Mean 40.48
RMS 41.26
signal [adc counts]

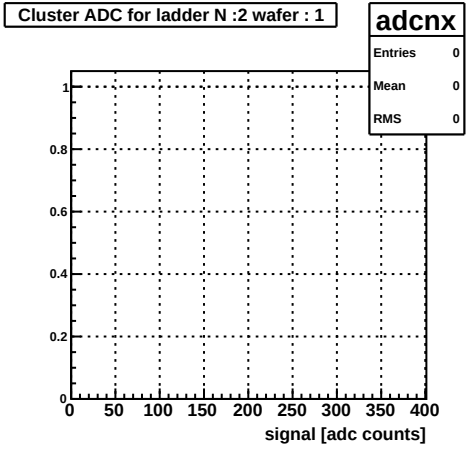

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 329
Mean 92.49
RMS 70.14
signal [adc counts]

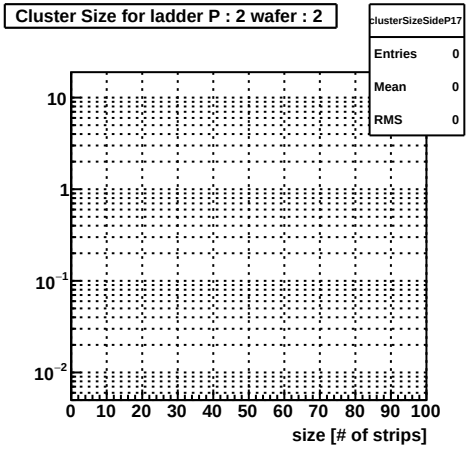

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

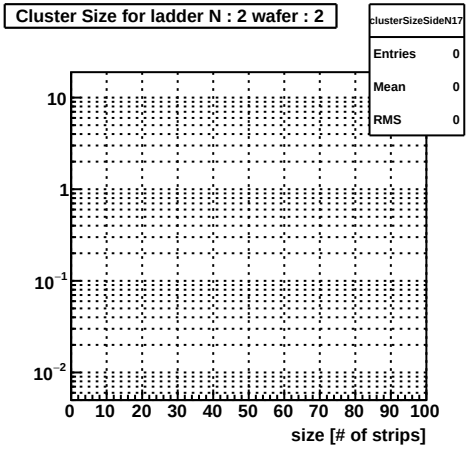

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

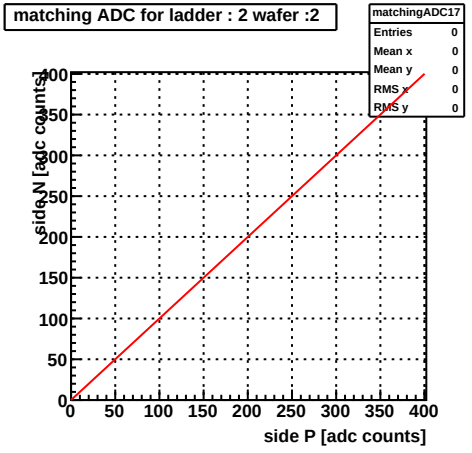

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

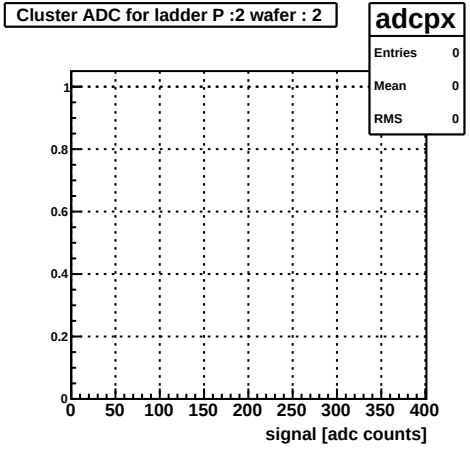

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

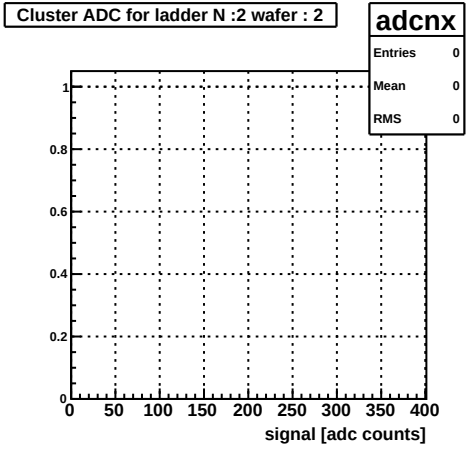

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

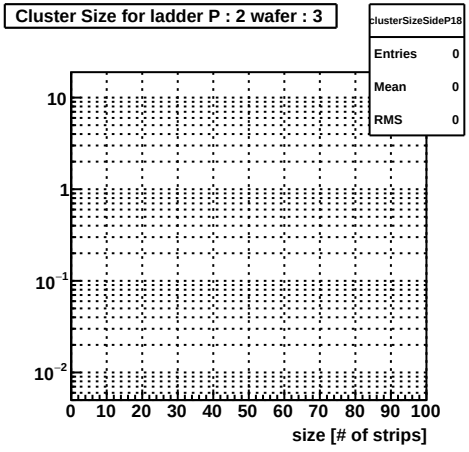

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

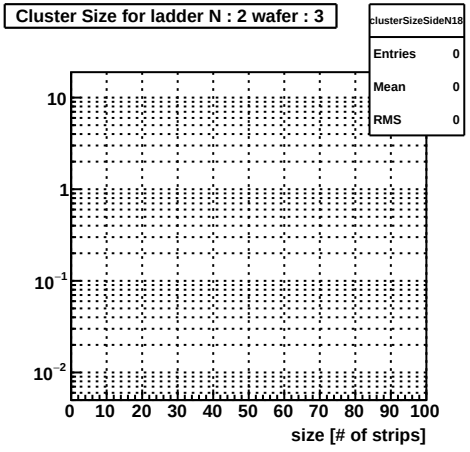

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

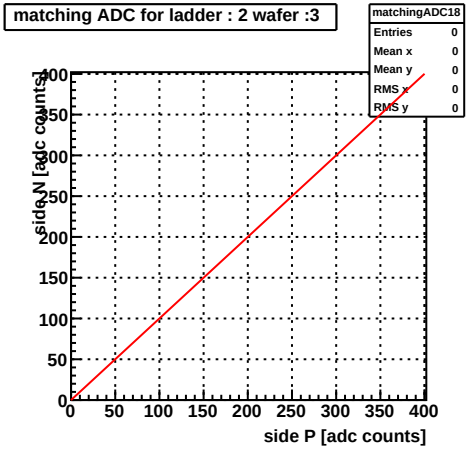

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

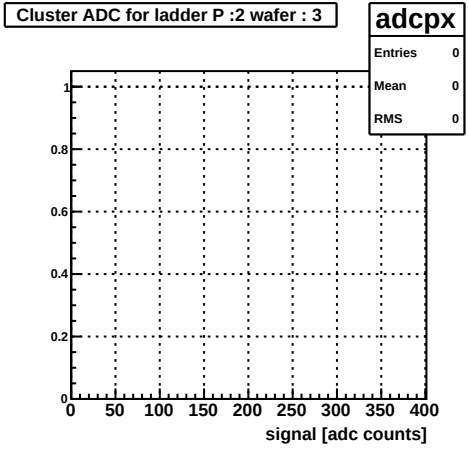

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

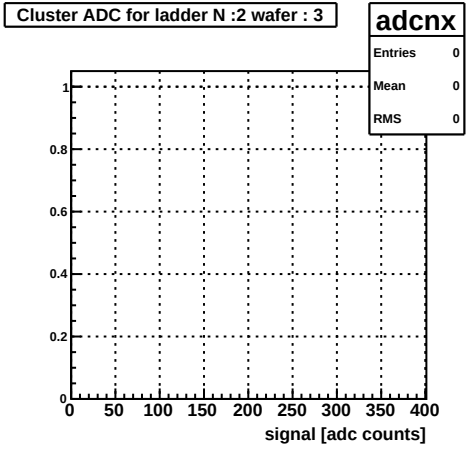

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

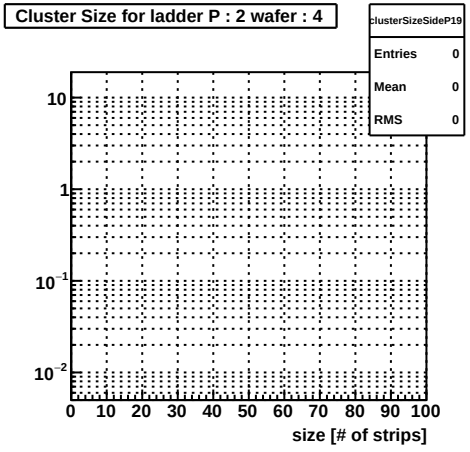

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

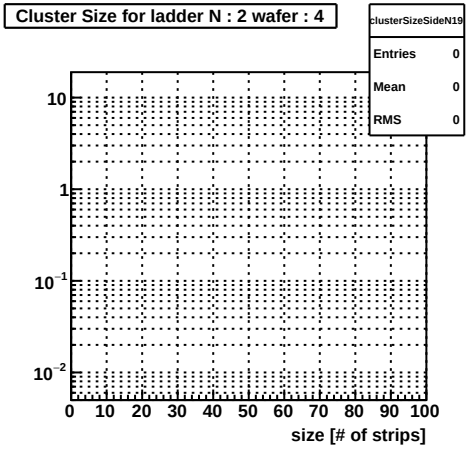

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

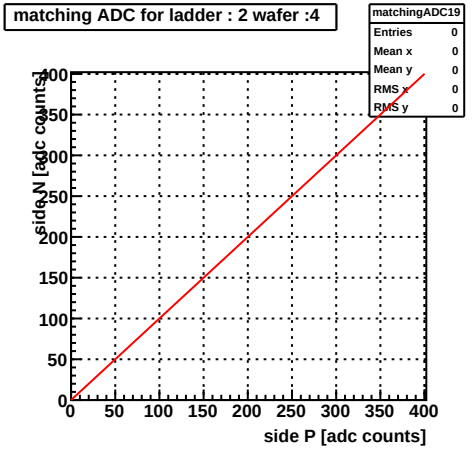

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

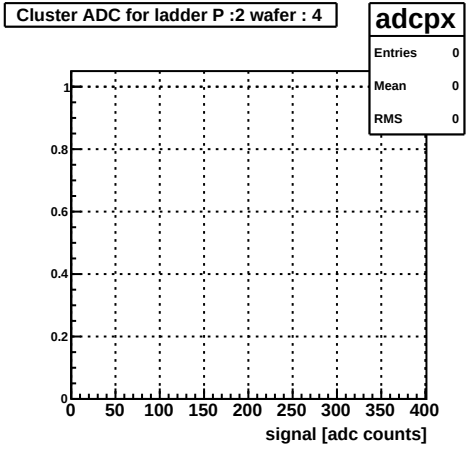

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

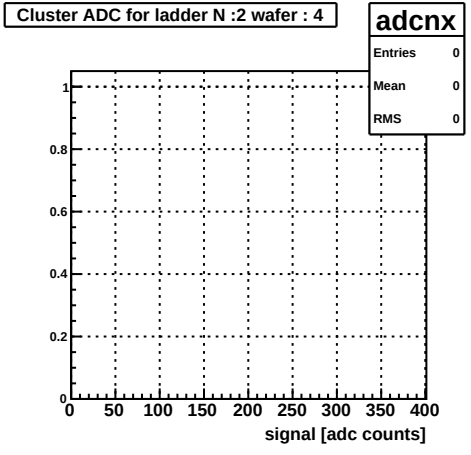

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

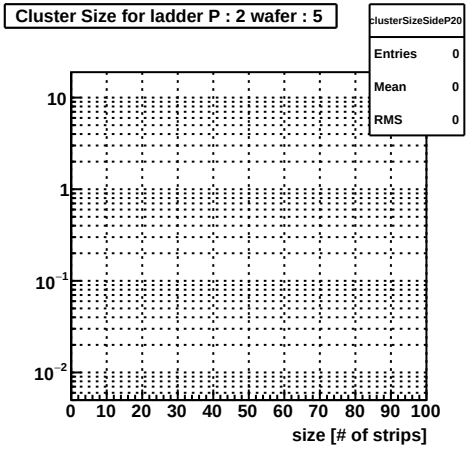

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

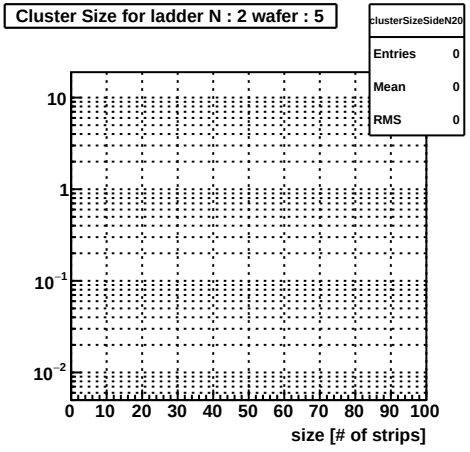

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

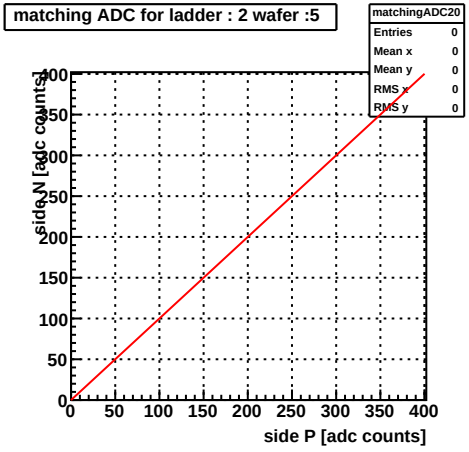

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

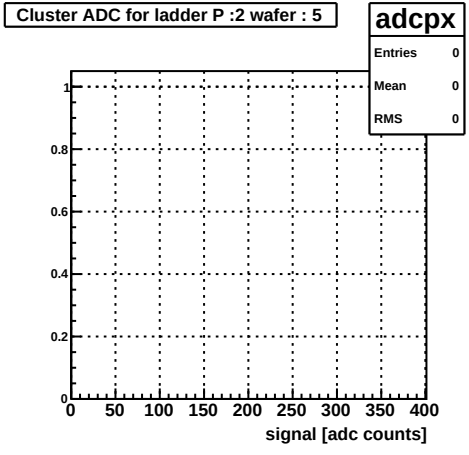

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

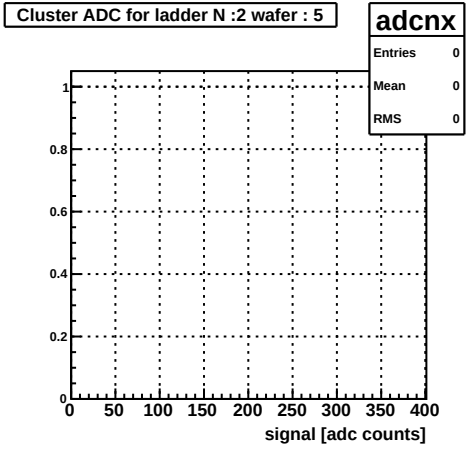

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

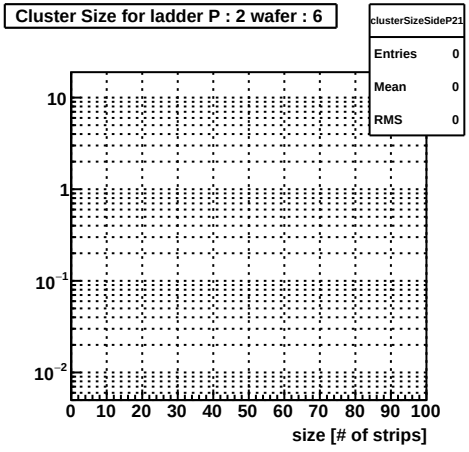

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

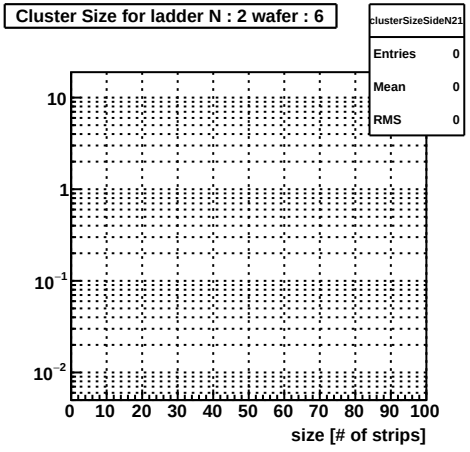

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

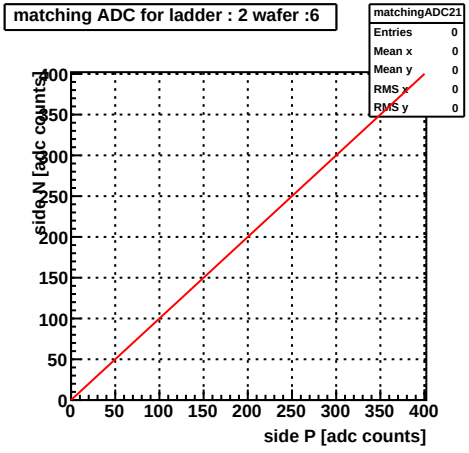

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

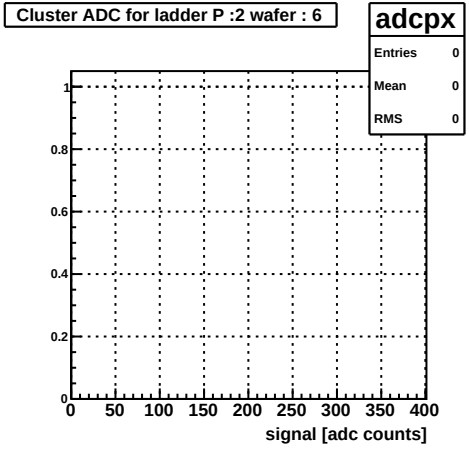

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

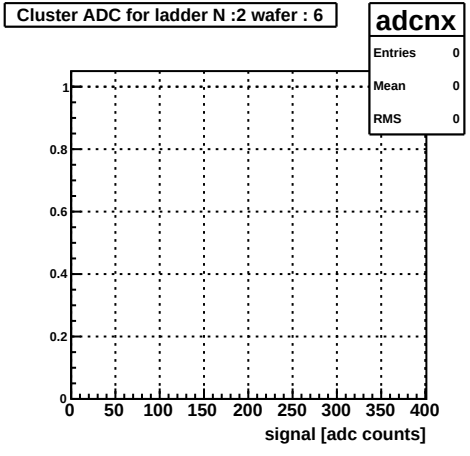

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

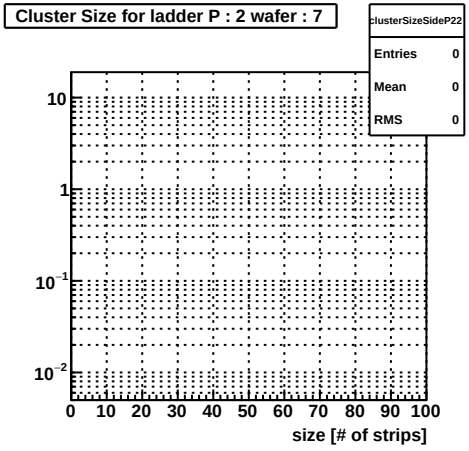

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

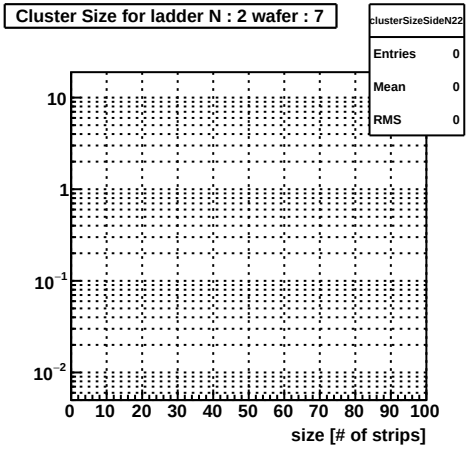

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

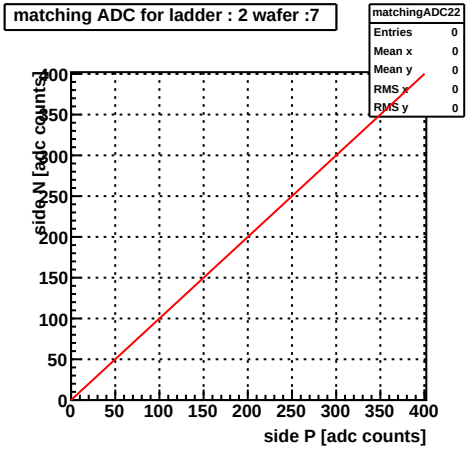

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

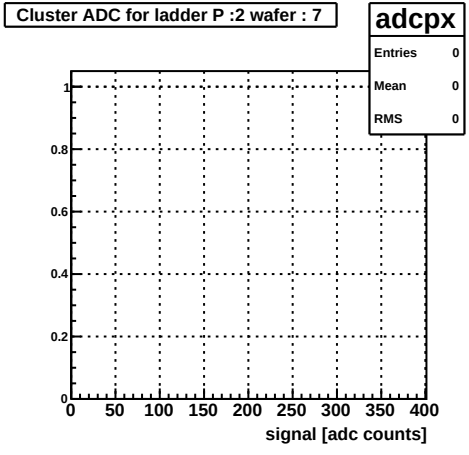

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

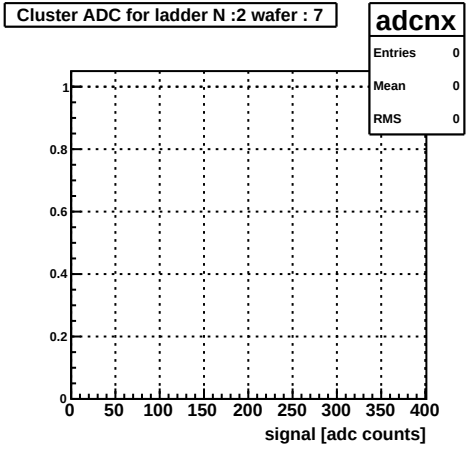

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

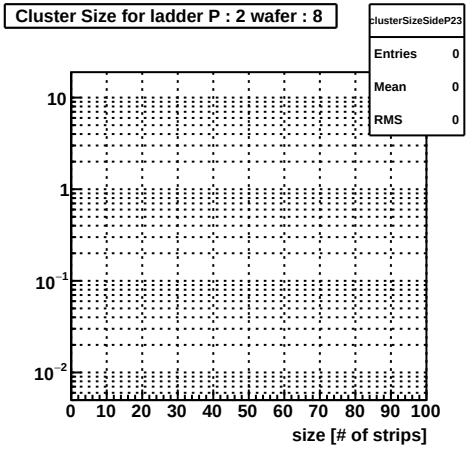

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

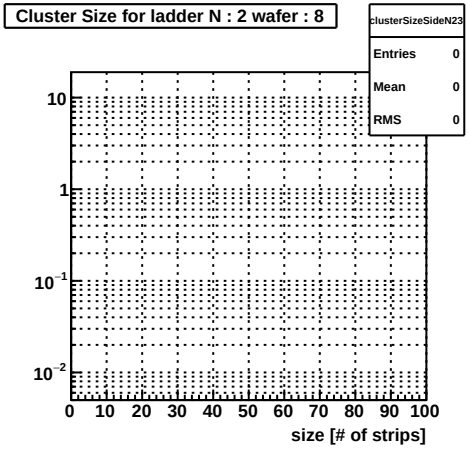

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

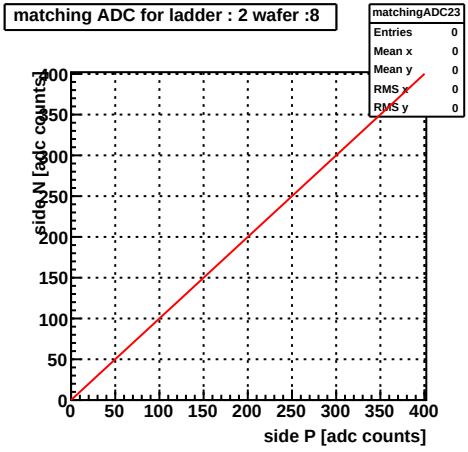

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

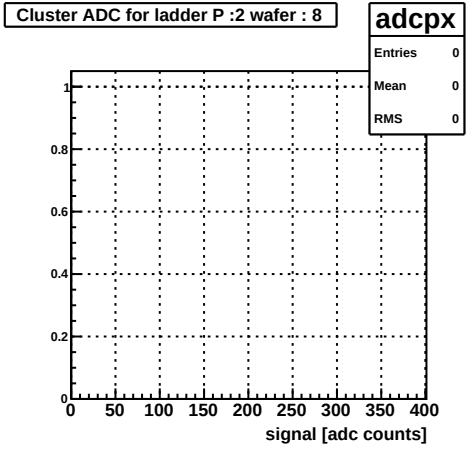

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

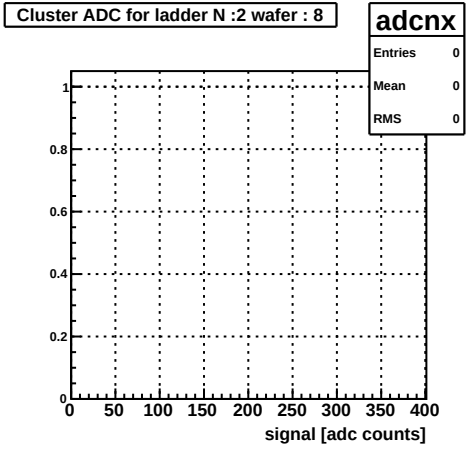

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

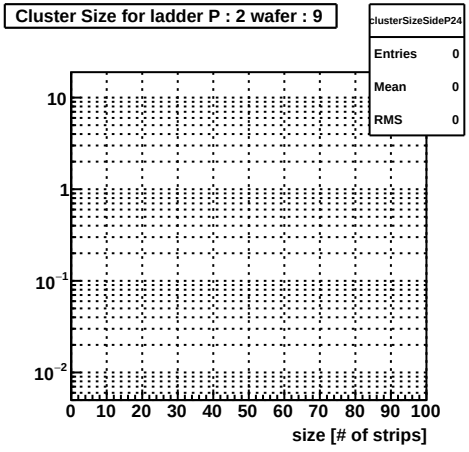

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

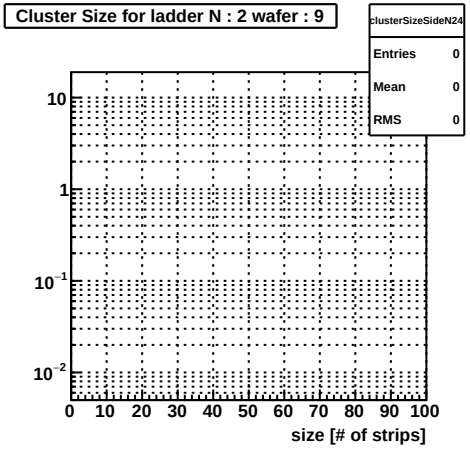

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

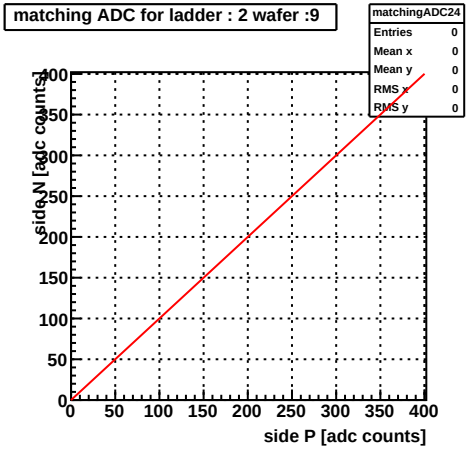

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

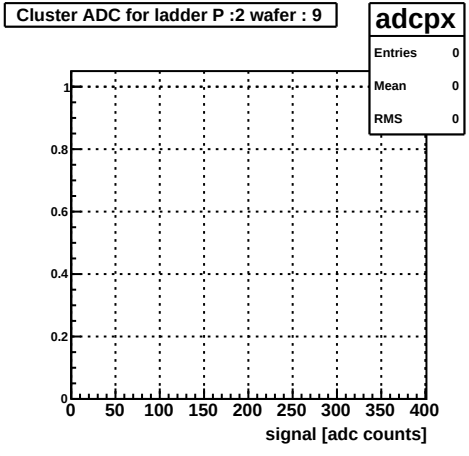

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

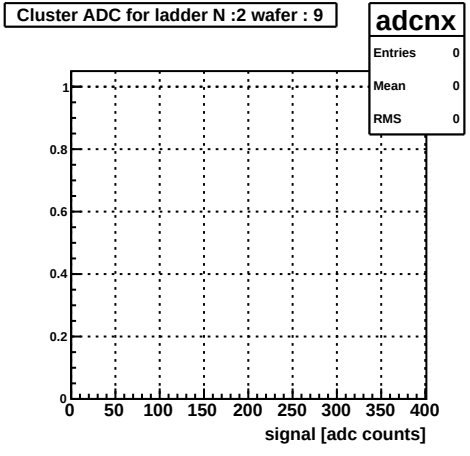

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

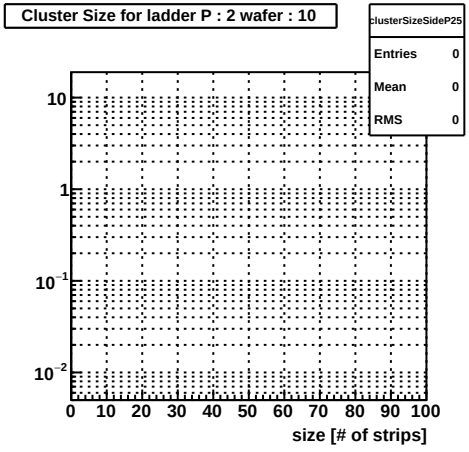

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

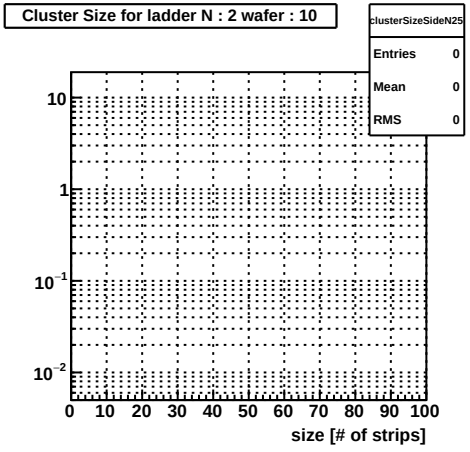

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

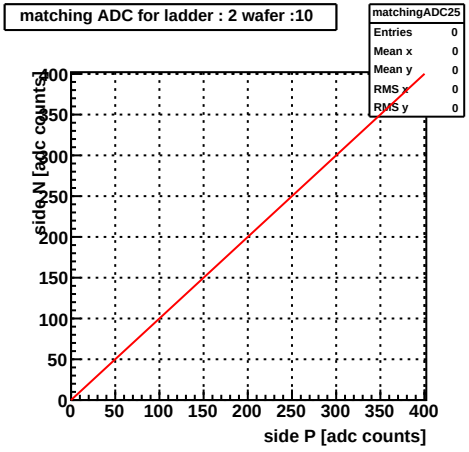

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

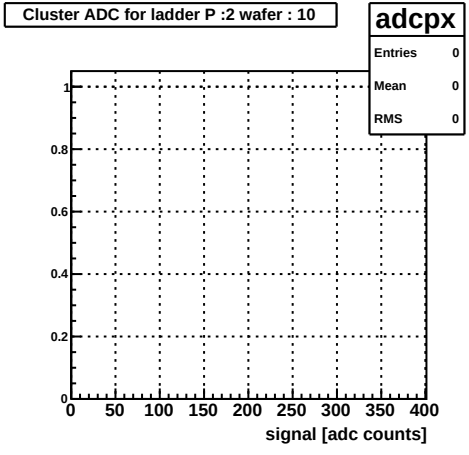

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

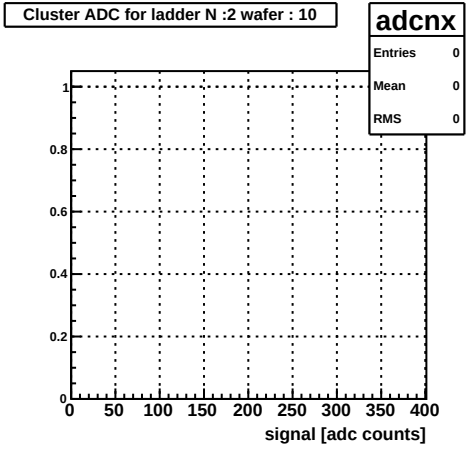

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

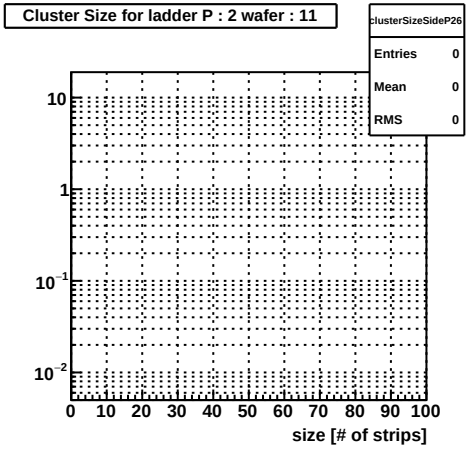

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

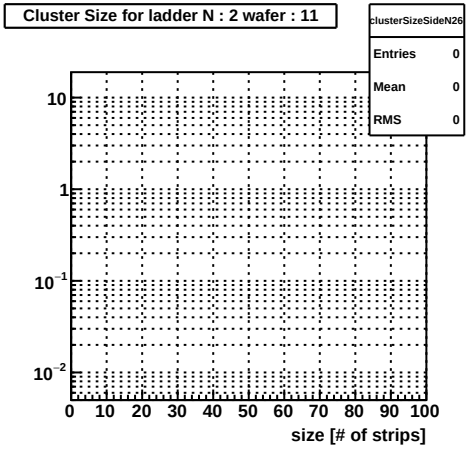

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

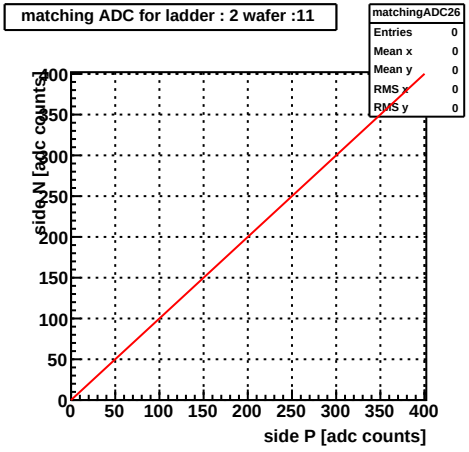

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

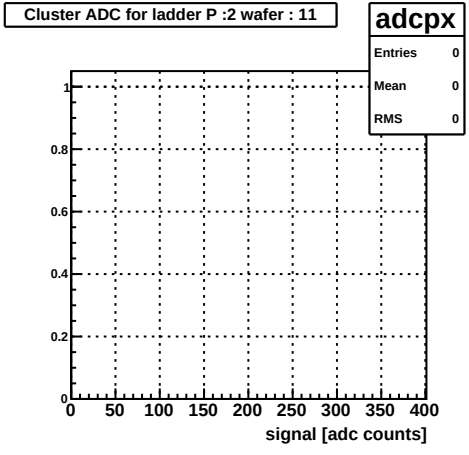

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

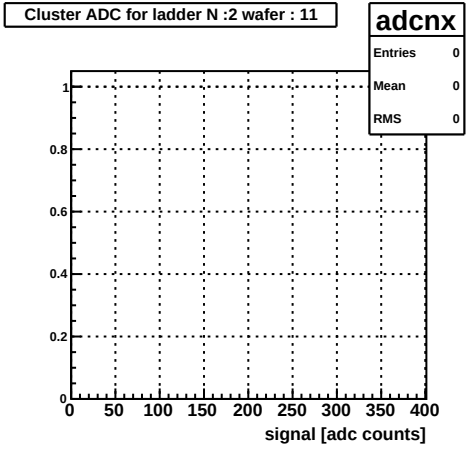

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

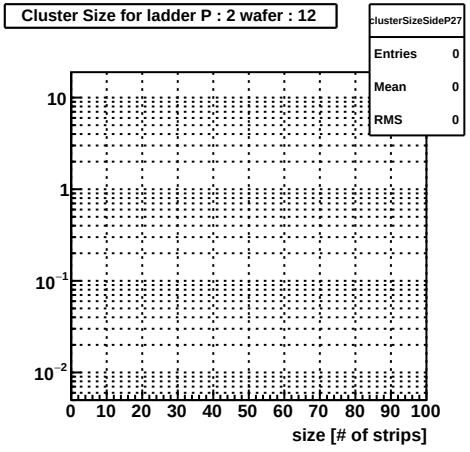

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

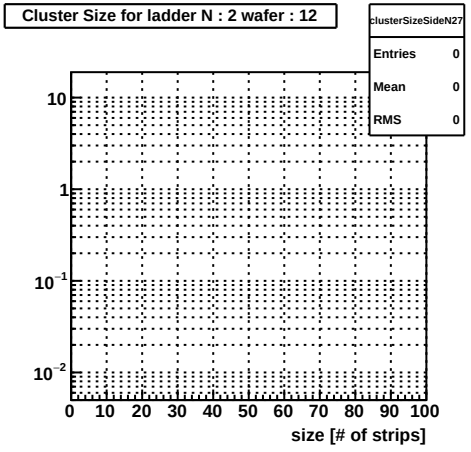

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

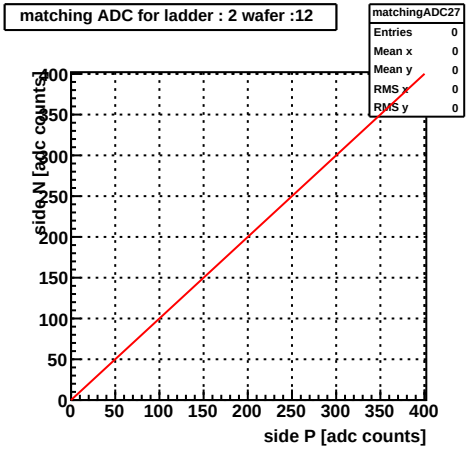

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

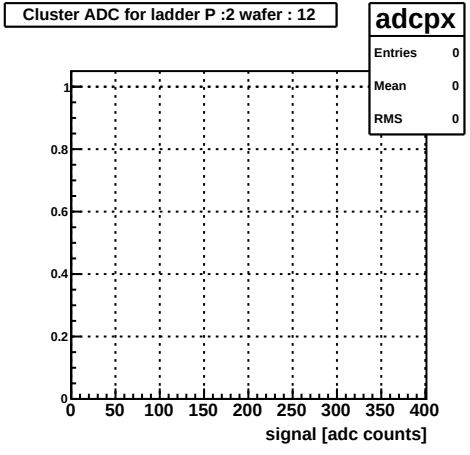

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

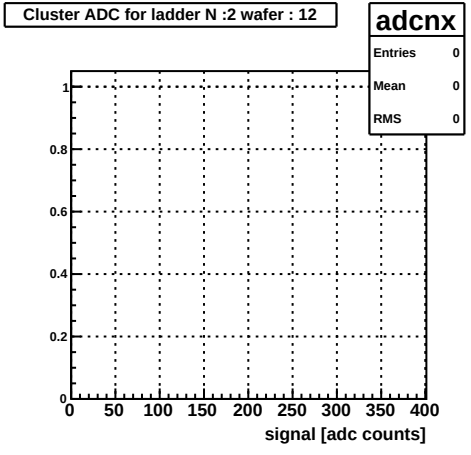

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

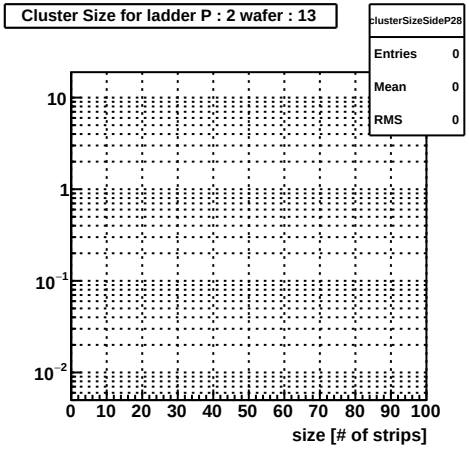

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

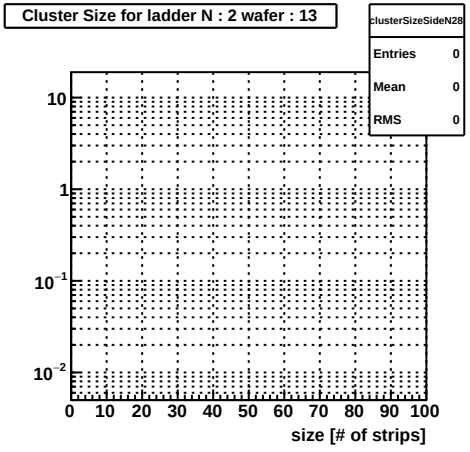

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

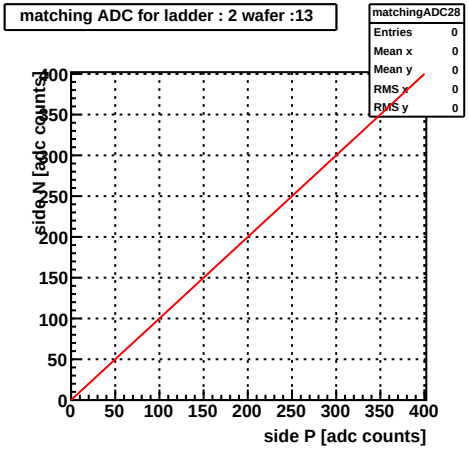

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

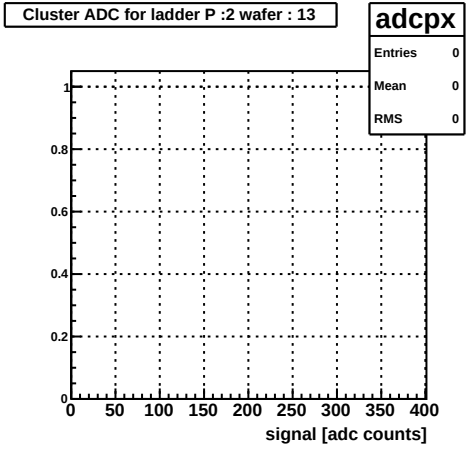

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

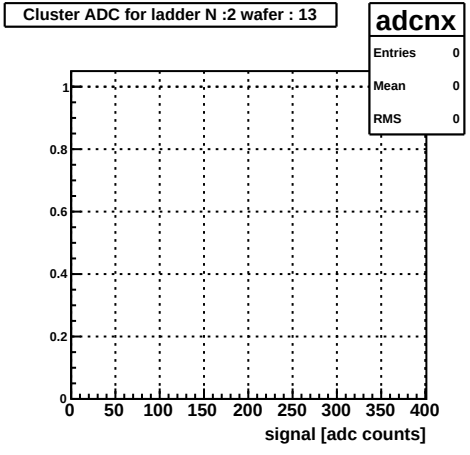

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

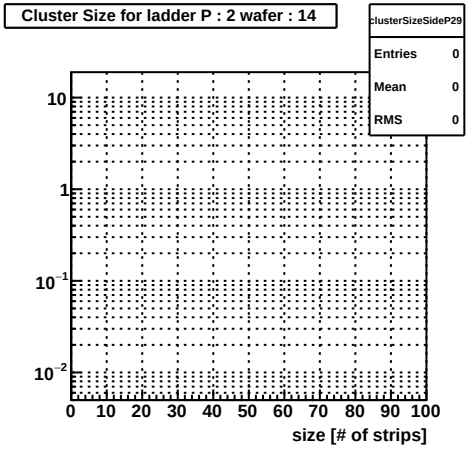

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

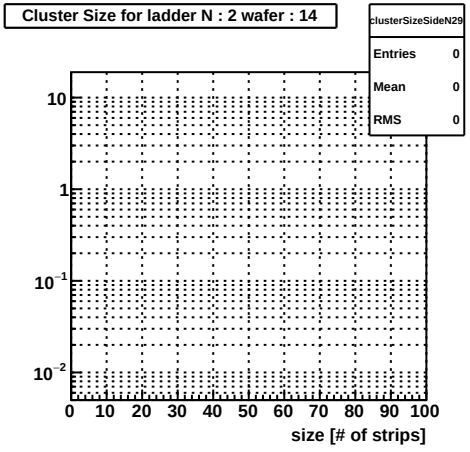

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

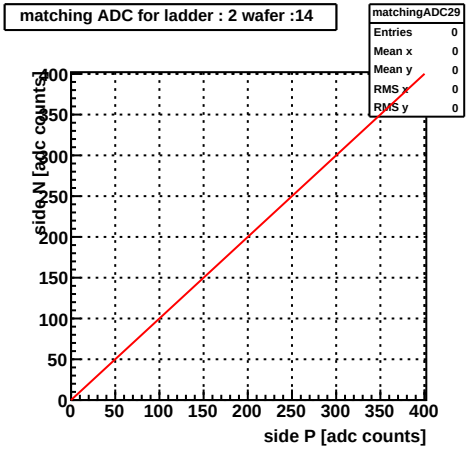

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

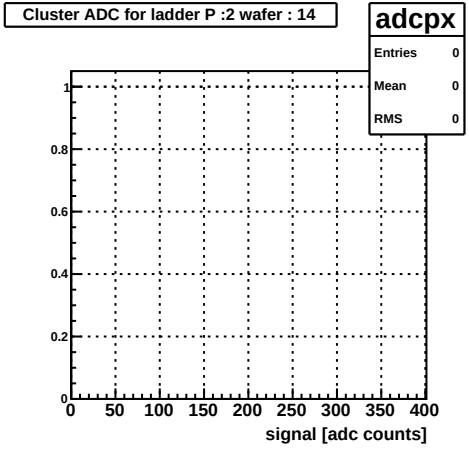

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

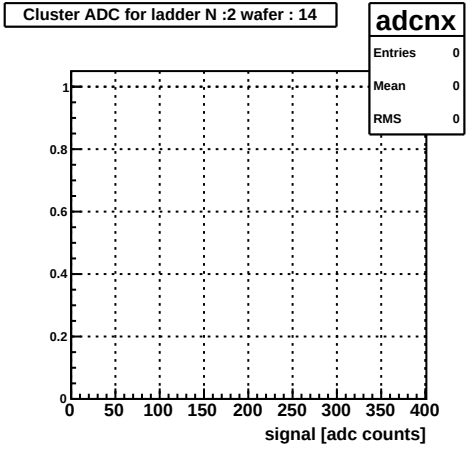

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

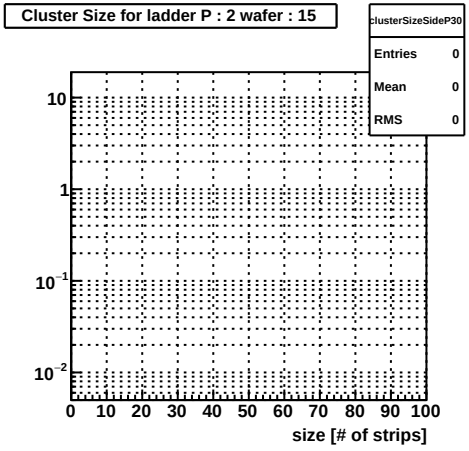

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

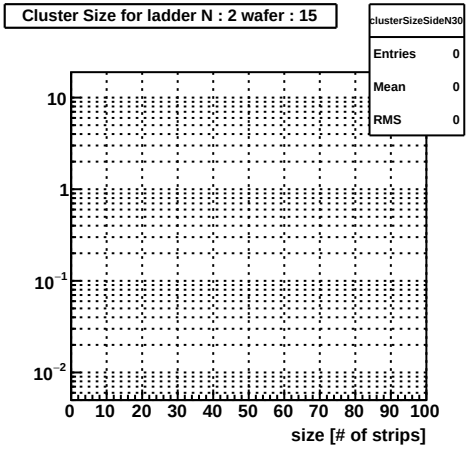

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

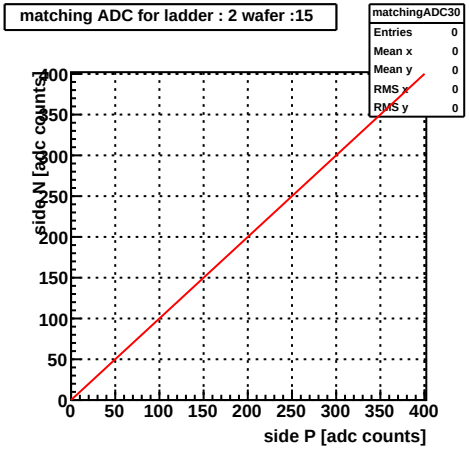

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

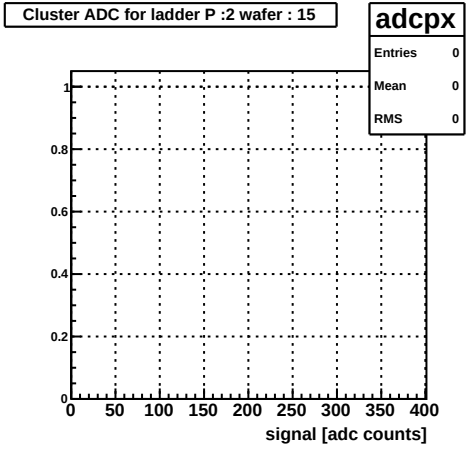

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

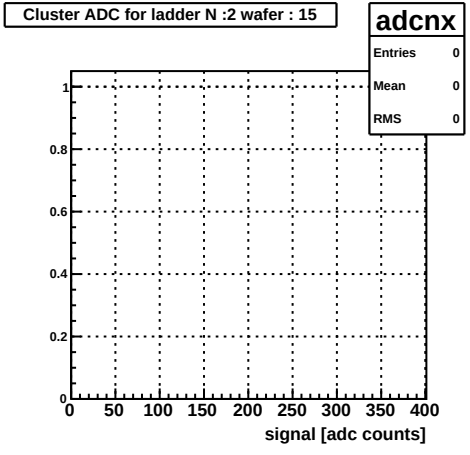

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

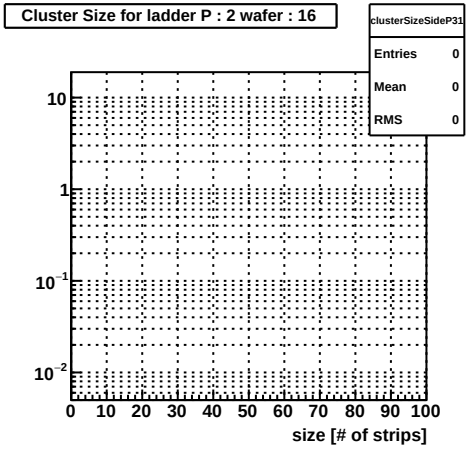

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

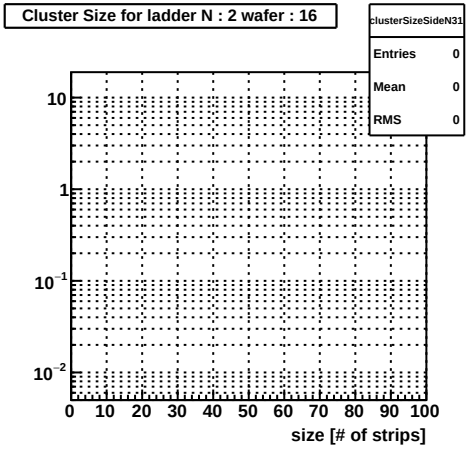

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

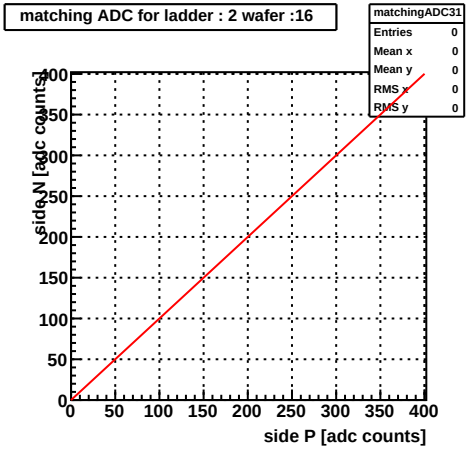

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

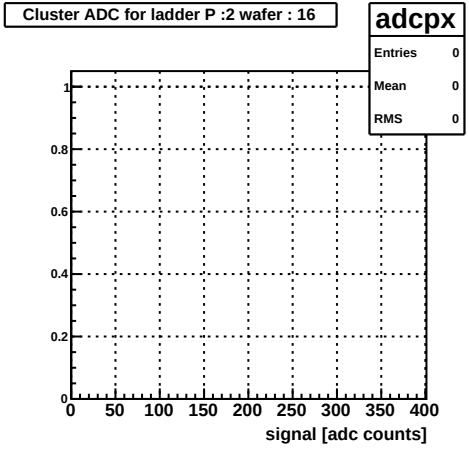

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

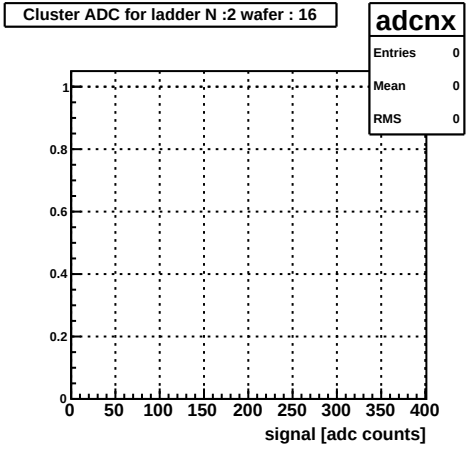

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

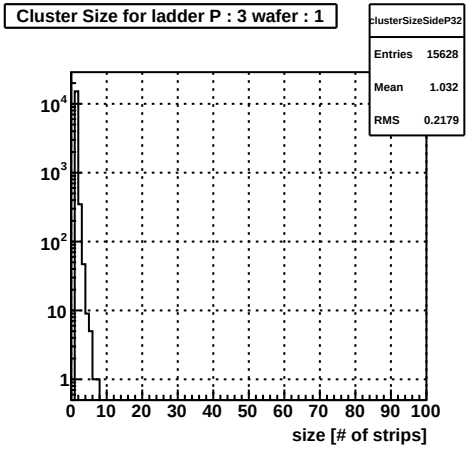

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

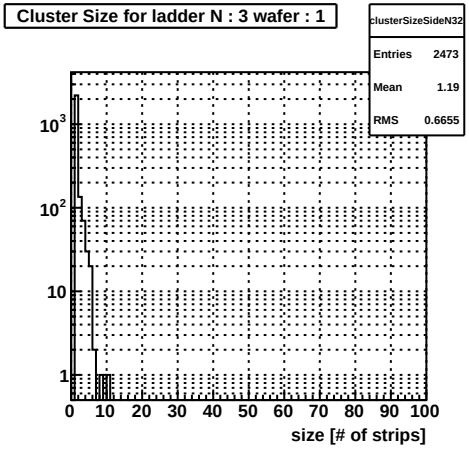

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

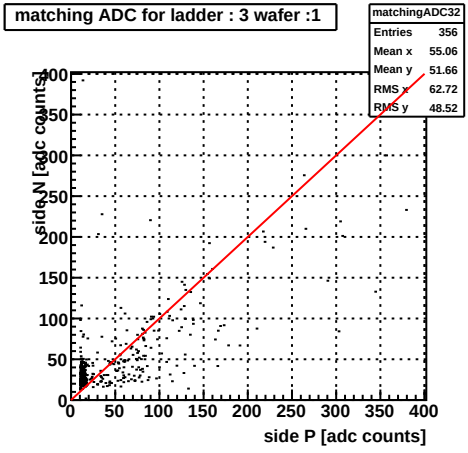

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

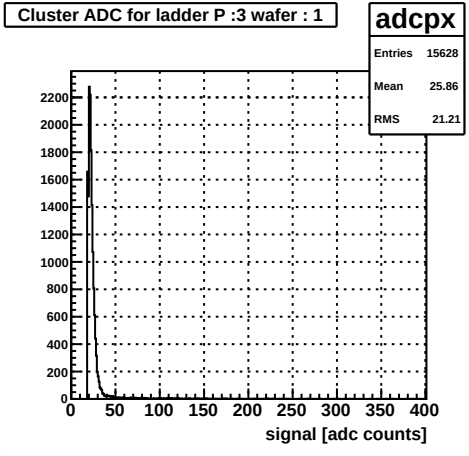

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

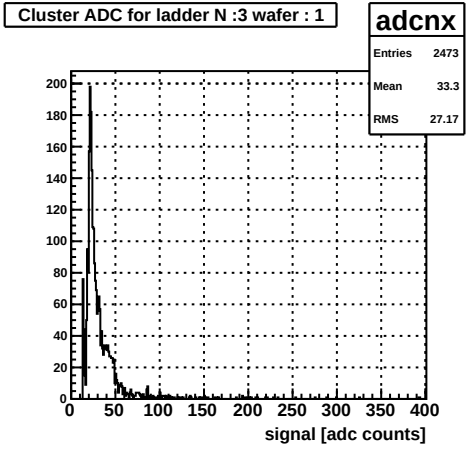

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

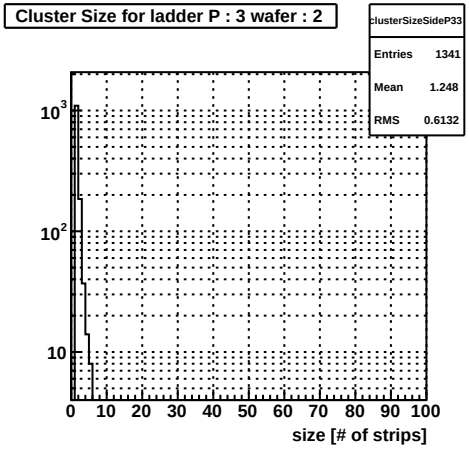

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15628
Mean 1.032
RMS 0.2179
size [# of strips]

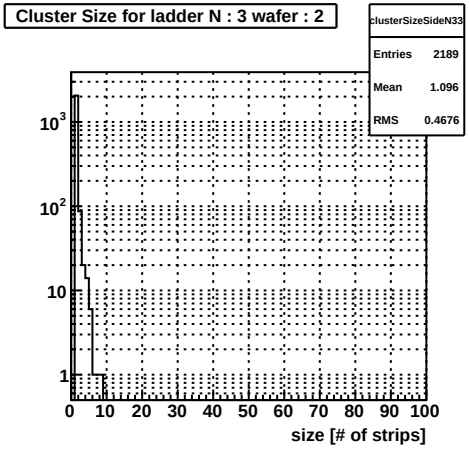

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2473
Mean 1.19
RMS 0.6655
size [# of strips]

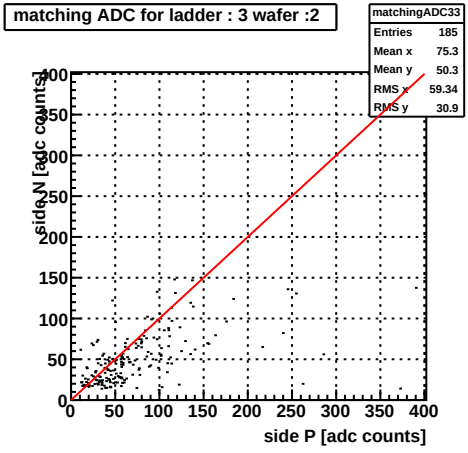

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 356
Mean x 55.06
Mean y 51.66
RMS x 62.72
RMS y 48.52
side N [adc counts]
side P [adc counts]

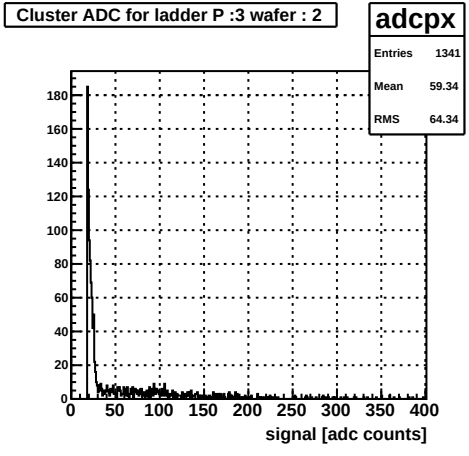

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15628
Mean 25.86
RMS 21.21
signal [adc counts]

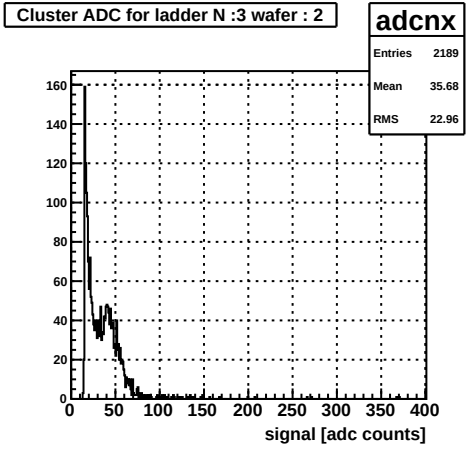

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2473
Mean 33.3
RMS 27.17
signal [adc counts]

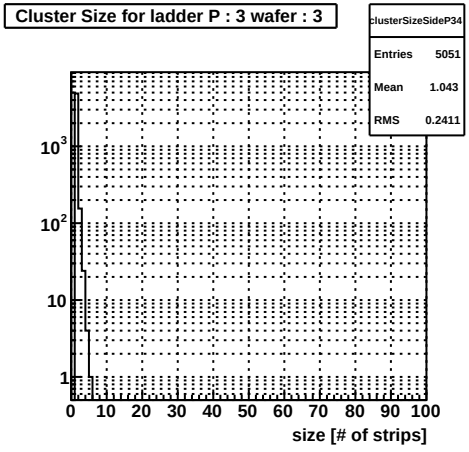

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1341
Mean 1.248
RMS 0.6132
size [# of strips]

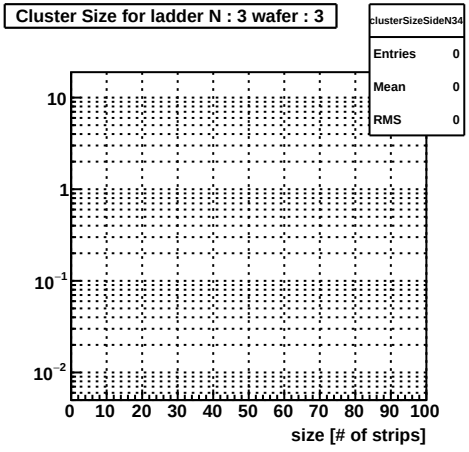

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2189
Mean 1.096
RMS 0.4676
size [# of strips]

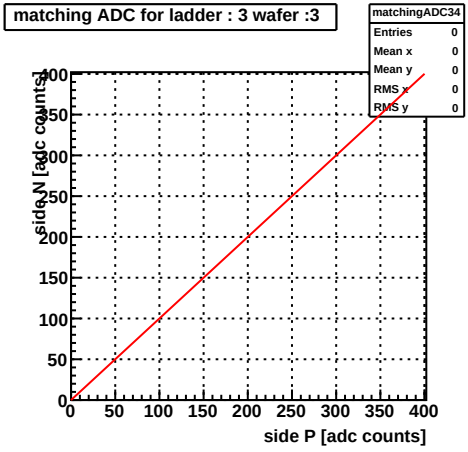

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 185
Mean x 75.3
Mean y 50.3
RMS x 59.34
RMS y 30.9
side N [adc counts]
side P [adc counts]

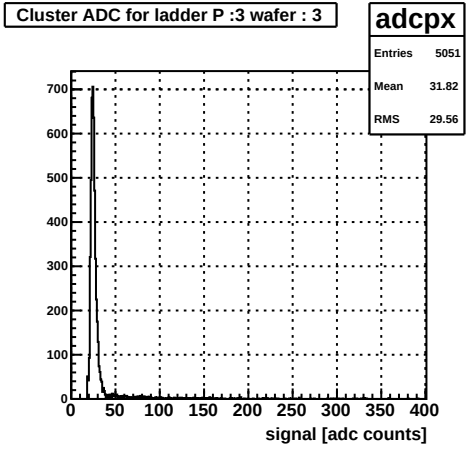

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1341
Mean 59.34
RMS 64.34
signal [adc counts]

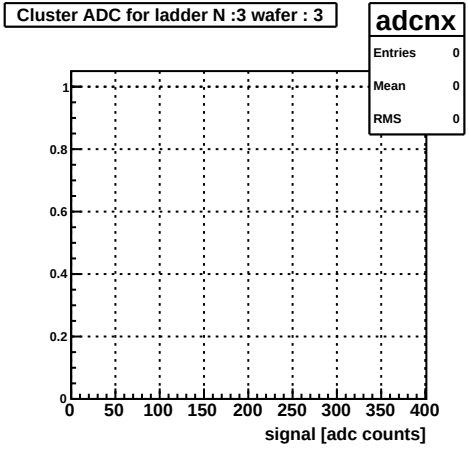

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2189
Mean 35.68
RMS 22.96
signal [adc counts]

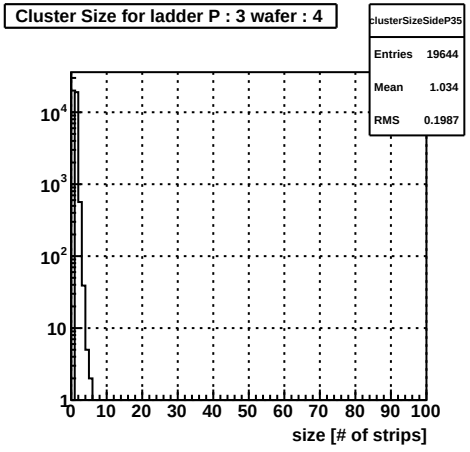

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5051
Mean 1.043
RMS 0.2411
size [# of strips]

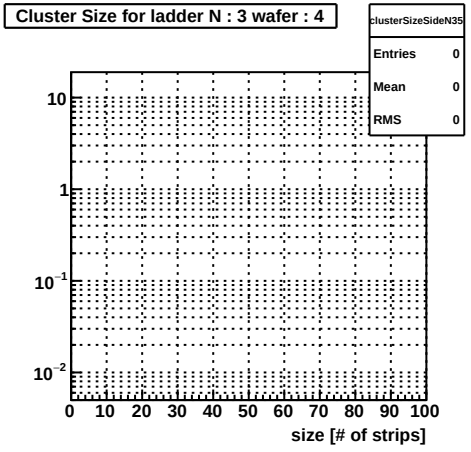

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

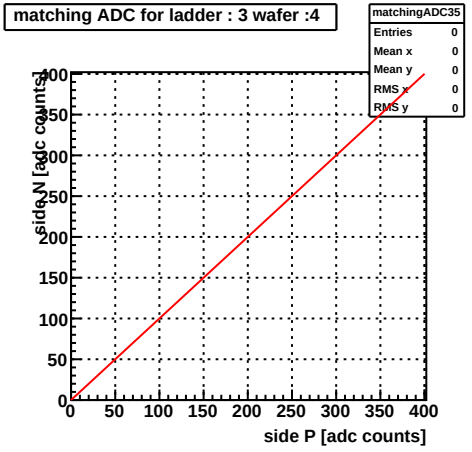

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

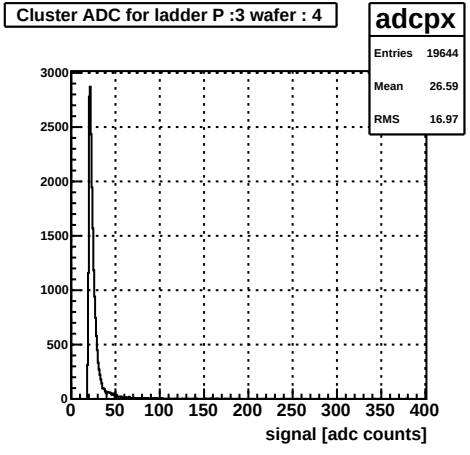

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5051
Mean 31.82
RMS 29.56
signal [adc counts]

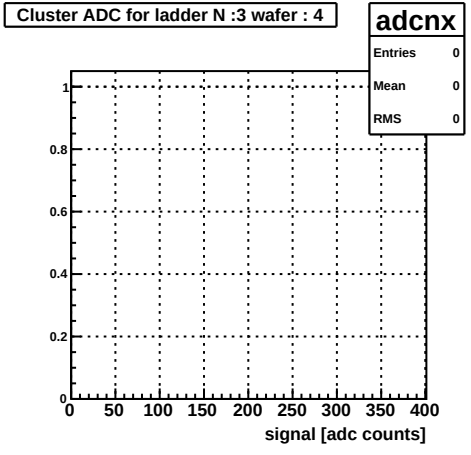

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

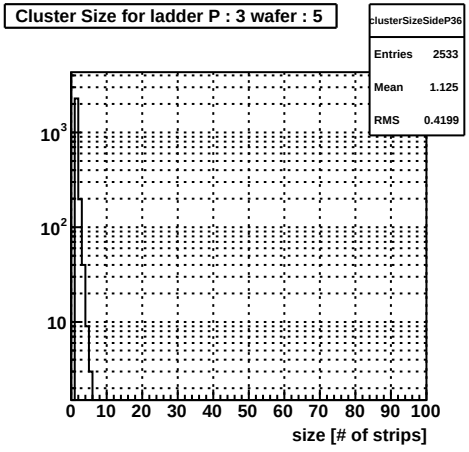

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 19644
Mean 1.034
RMS 0.1987
size [# of strips]

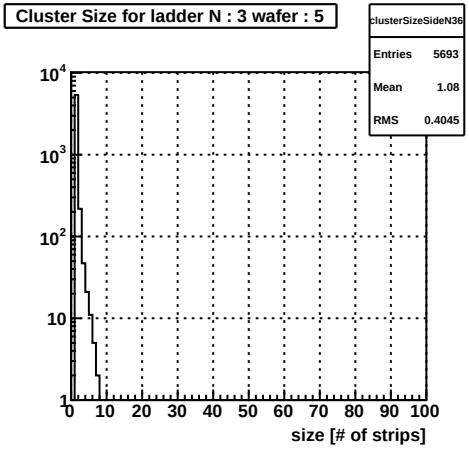

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

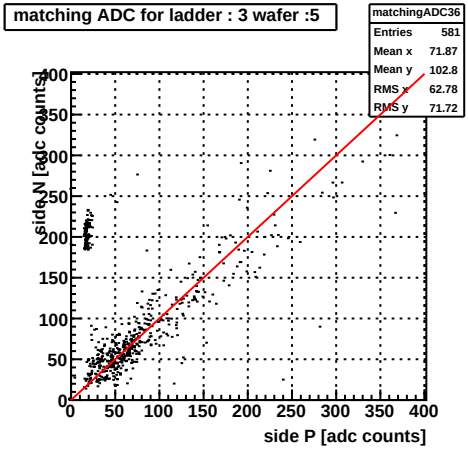

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

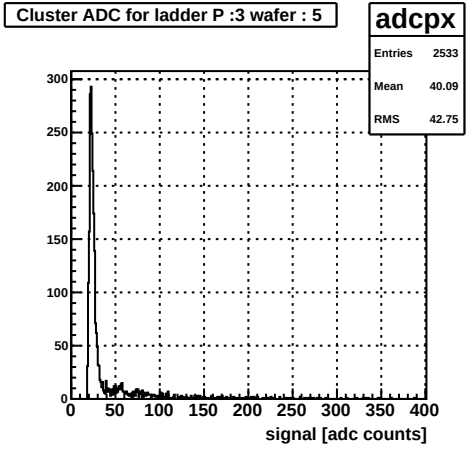

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 19644
Mean 26.59
RMS 16.97
signal [adc counts]

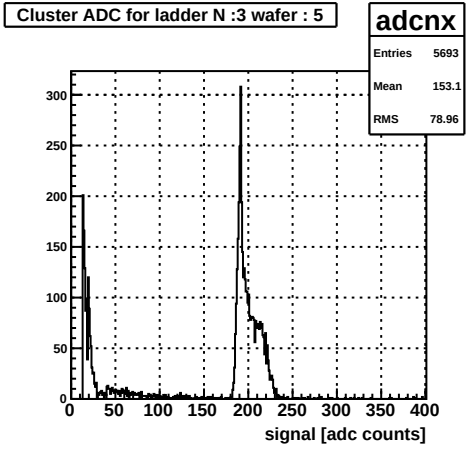

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

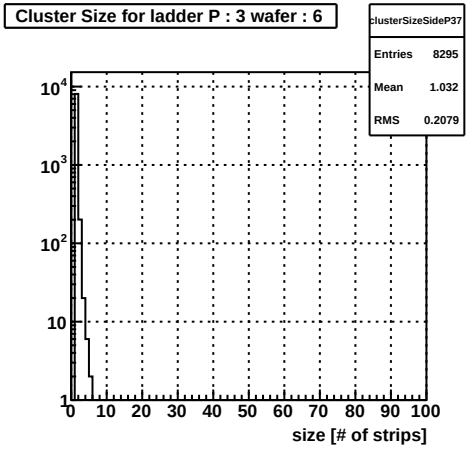

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2533
Mean 1.125
RMS 0.4199
size [# of strips]

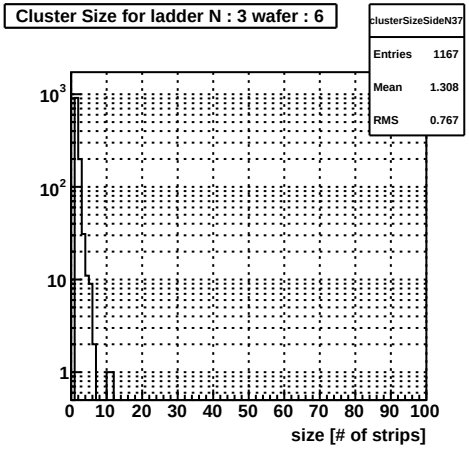

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5693
Mean 1.08
RMS 0.4045
size [# of strips]

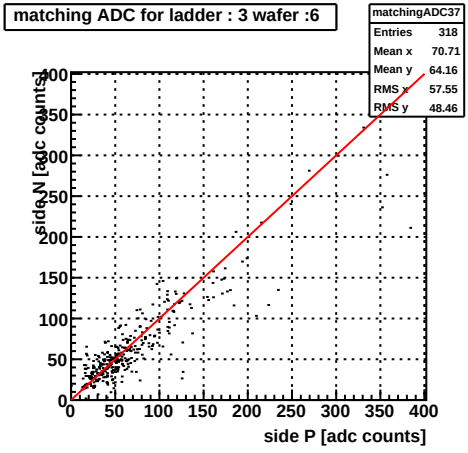

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 581
Mean x 71.87
Mean y 102.8
RMS x 62.78
RMS y 71.72
side N [adc counts]
side P [adc counts]

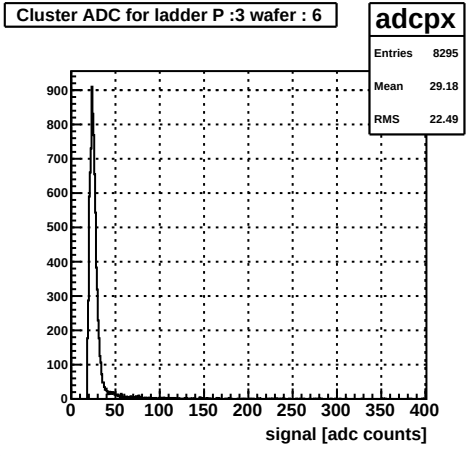

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2533
Mean 40.09
RMS 42.75
signal [adc counts]

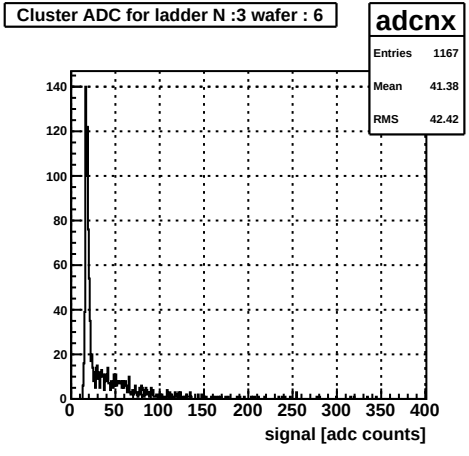

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5693
Mean 153.1
RMS 78.96
signal [adc counts]

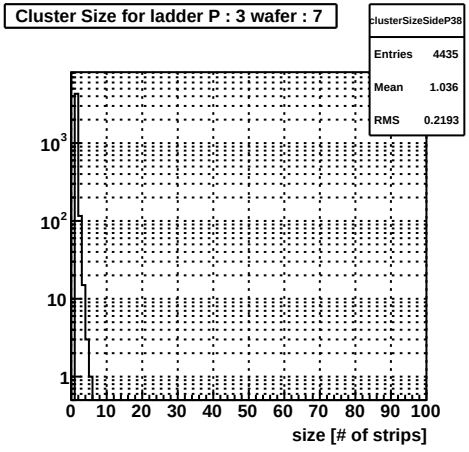

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8295
Mean 1.032
RMS 0.2079
size [# of strips]

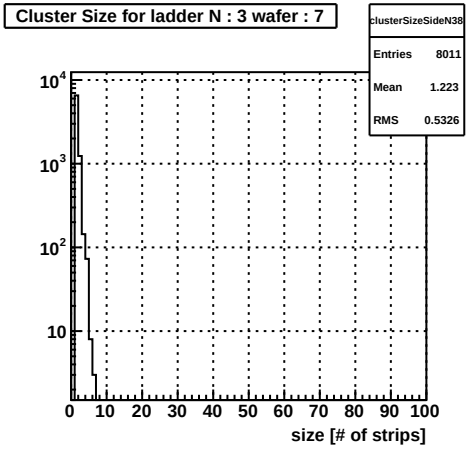

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1167
Mean 1.308
RMS 0.767
size [# of strips]

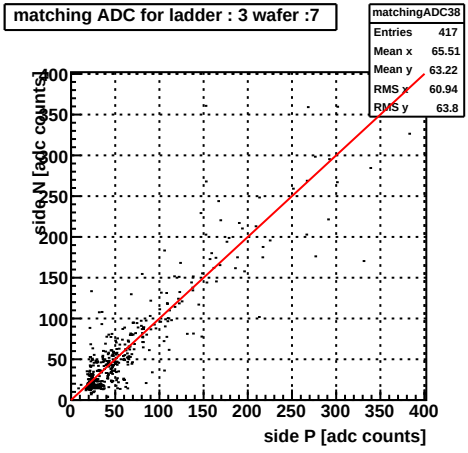

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 318
Mean x 70.71
Mean y 64.16
RMS x 57.55
RMS y 48.46
side N [adc counts]
side P [adc counts]

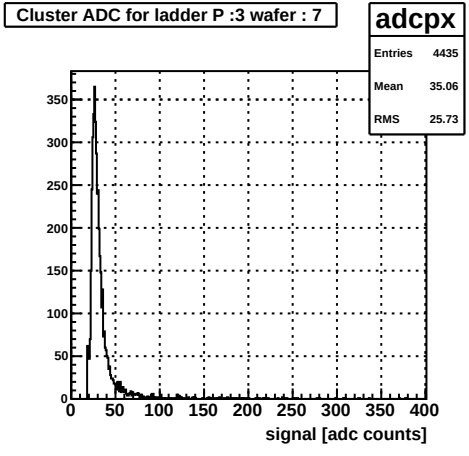

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8295
Mean 29.18
RMS 22.49
signal [adc counts]

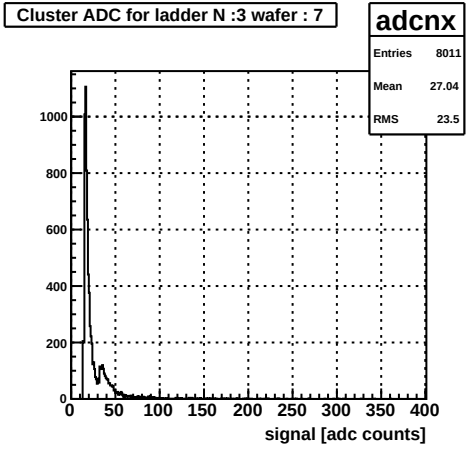

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1167
Mean 41.38
RMS 42.42
signal [adc counts]

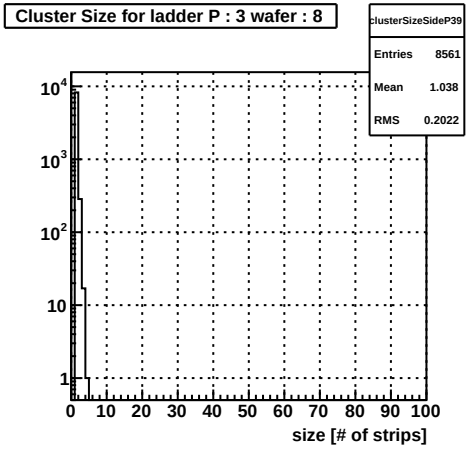

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4435
Mean 1.036
RMS 0.2193
size [# of strips]

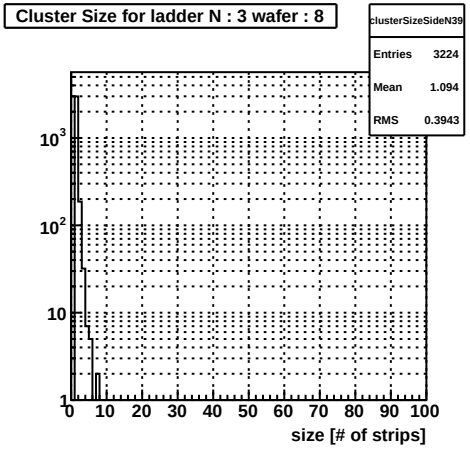

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8011
Mean 1.223
RMS 0.5326
size [# of strips]

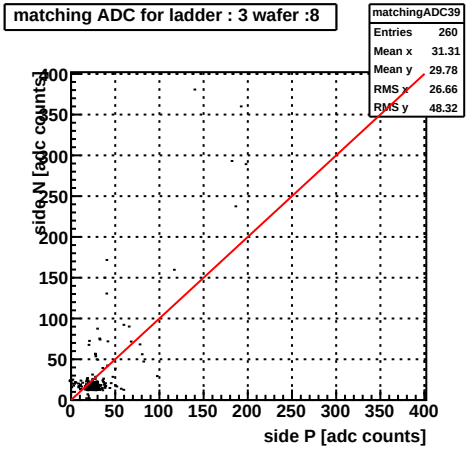

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 417
Mean x 65.51
Mean y 63.22
RMS x 60.94
RMS y 63.8
side N [adc counts]
side P [adc counts]

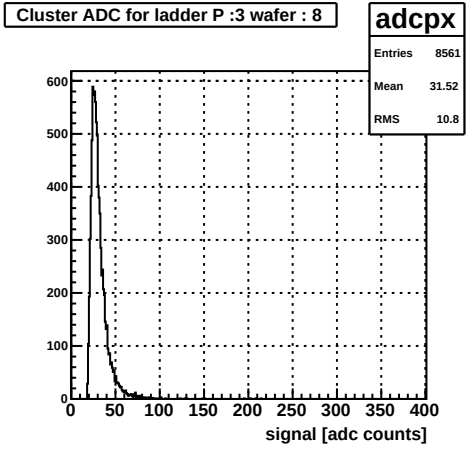

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4435
Mean 35.06
RMS 25.73
signal [adc counts]

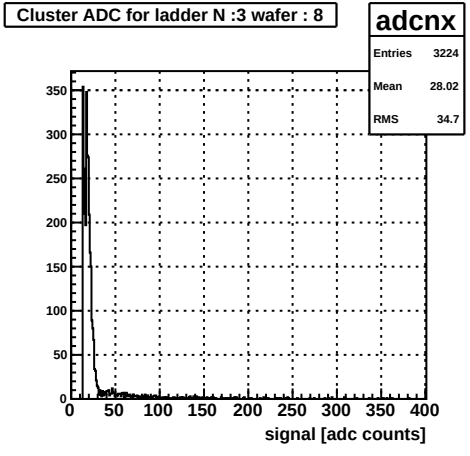

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8011
Mean 27.04
RMS 23.5
signal [adc counts]

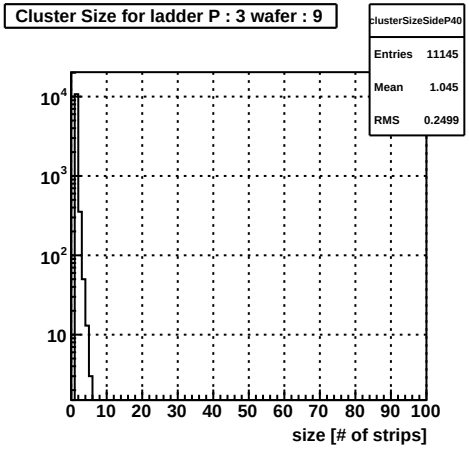

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8561
Mean 1.038
RMS 0.2022
size [# of strips]

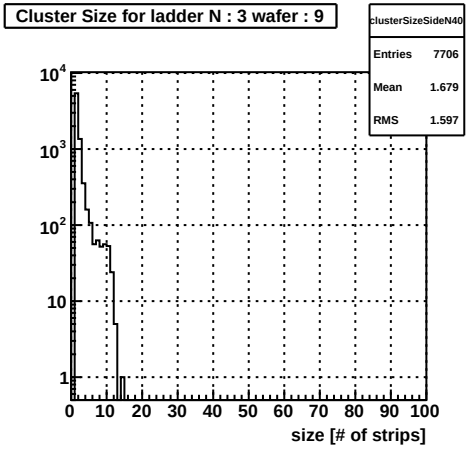

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3224
Mean 1.094
RMS 0.3943
size [# of strips]

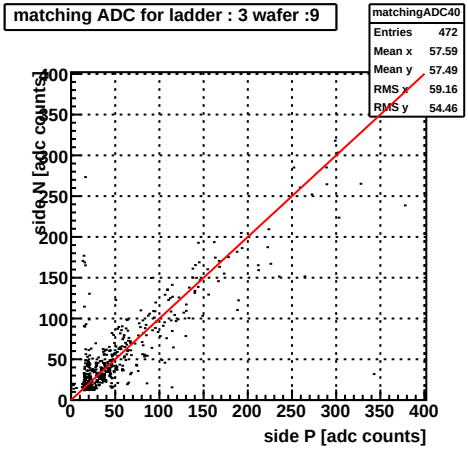

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 260
Mean x 31.31
Mean y 29.78
RMS x 26.66
RMS y 48.32
side N [adc counts]
side P [adc counts]

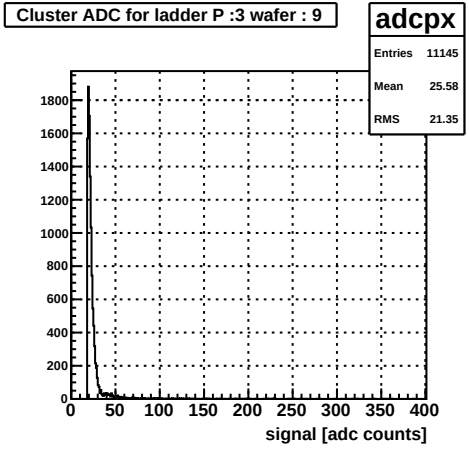

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8561
Mean 31.52
RMS 10.8
signal [adc counts]

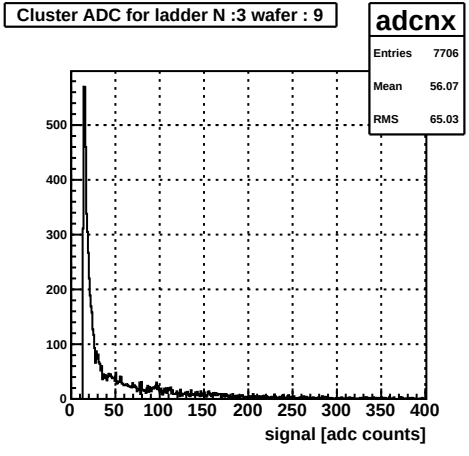

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3224
Mean 28.02
RMS 34.7
signal [adc counts]

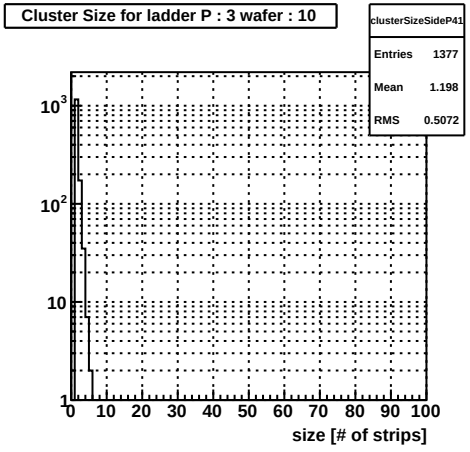

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 11145
Mean 1.045
RMS 0.2499
size [# of strips]

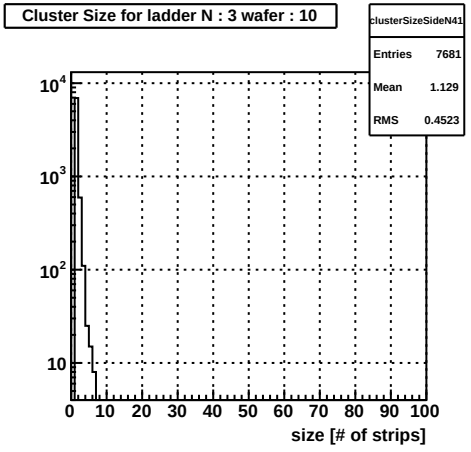

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7706
Mean 1.679
RMS 1.597
size [# of strips]

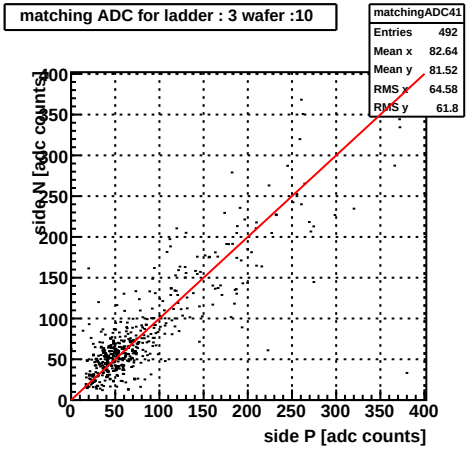

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 472
Mean x 57.59
Mean y 57.49
RMS x 59.16
RMS y 54.46
side N [adc counts]
side P [adc counts]

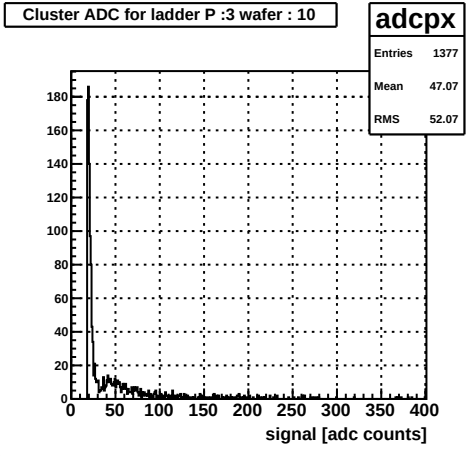

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 11145
Mean 25.58
RMS 21.35
signal [adc counts]

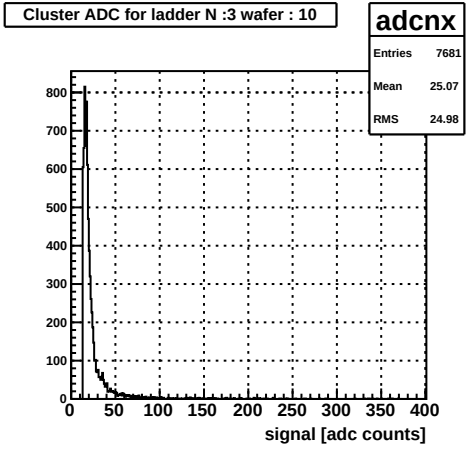

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7706
Mean 56.07
RMS 65.03
signal [adc counts]

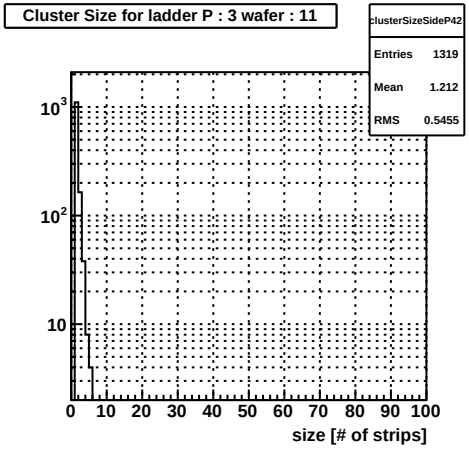

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1377
Mean 1.198
RMS 0.5072
size [# of strips]

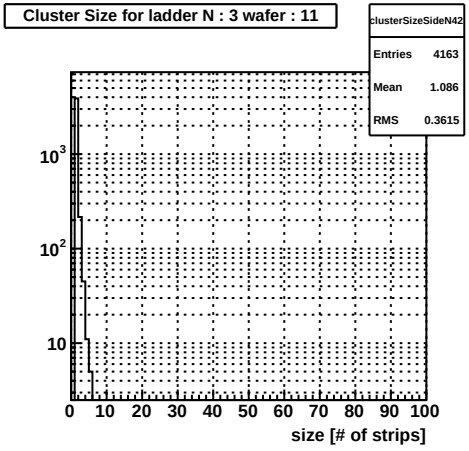

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 7681
Mean 1.129
RMS 0.4523
size [# of strips]

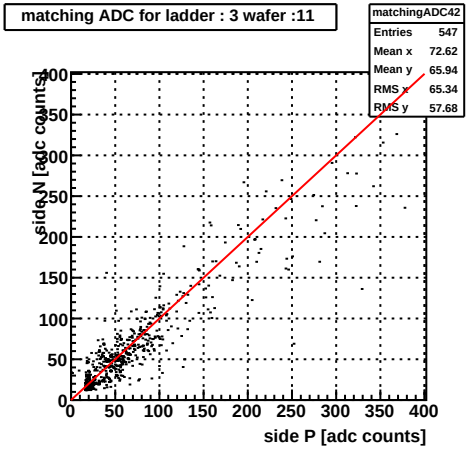

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 492
Mean x 82.64
Mean y 81.52
RMS x 64.58
RMS y 61.8
side N [adc counts]
side P [adc counts]

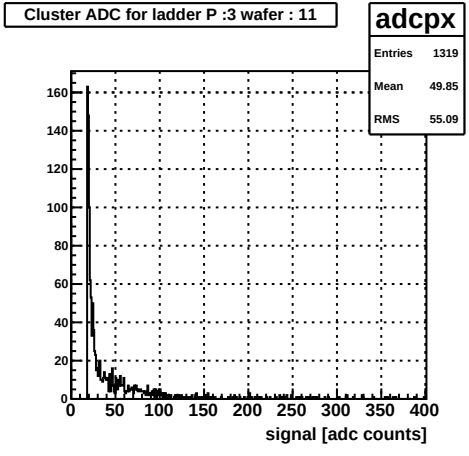

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1377
Mean 47.07
RMS 52.07
signal [adc counts]

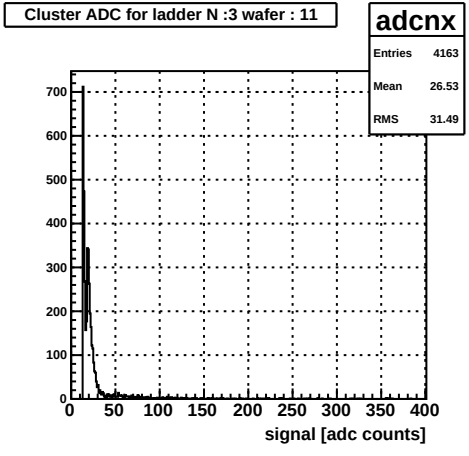

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 7681
Mean 25.07
RMS 24.98
signal [adc counts]

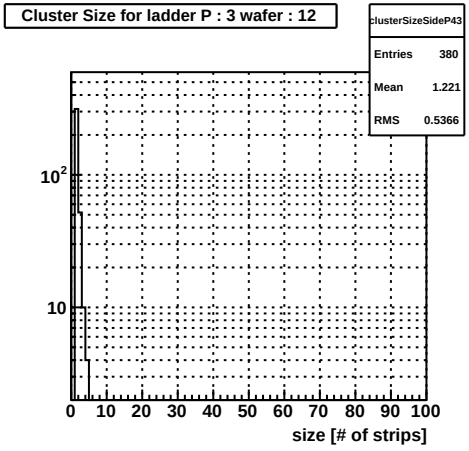

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1319
Mean 1.212
RMS 0.5455
size [# of strips]

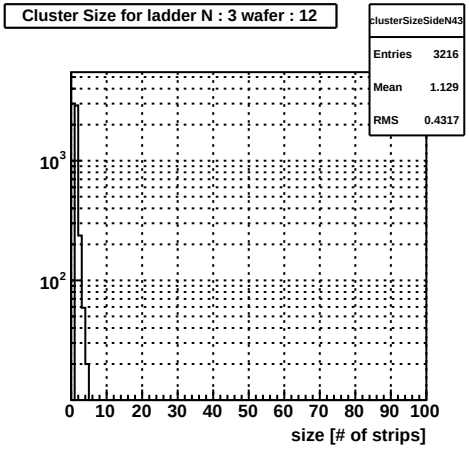

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4163
Mean 1.086
RMS 0.3615
size [# of strips]

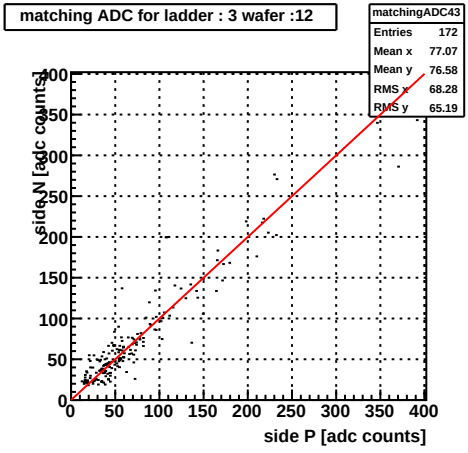

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 547
Mean x 72.62
Mean y 65.94
RMS x 65.34
RMS y 57.68
side N [adc counts]
side P [adc counts]

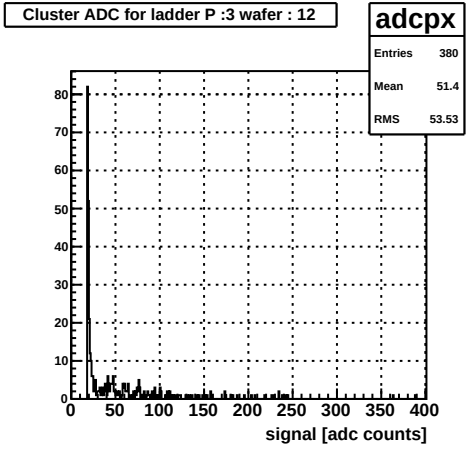

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1319
Mean 49.85
RMS 55.09
signal [adc counts]

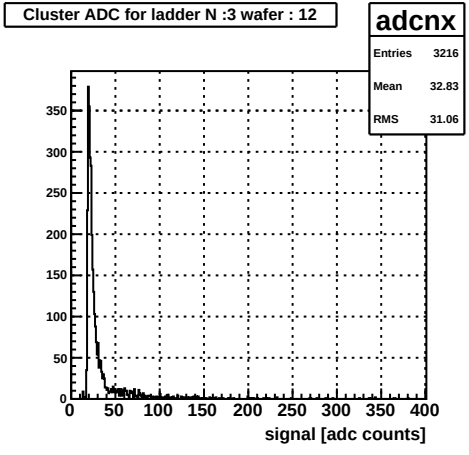

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4163
Mean 26.53
RMS 31.49
signal [adc counts]

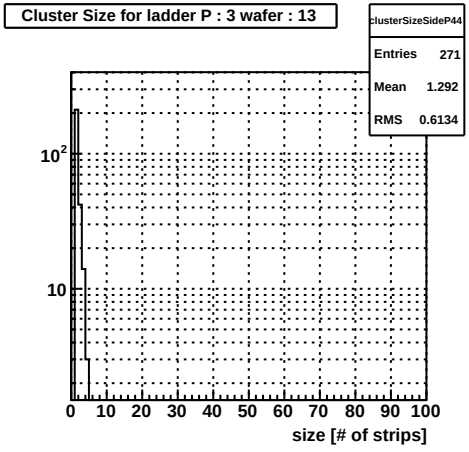

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 380
Mean 1.221
RMS 0.5366
size [# of strips]

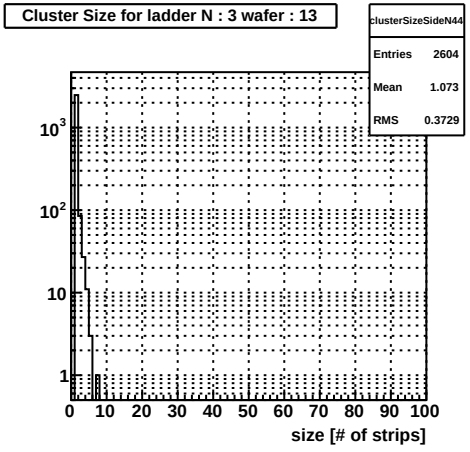

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3216
Mean 1.129
RMS 0.4317
size [# of strips]

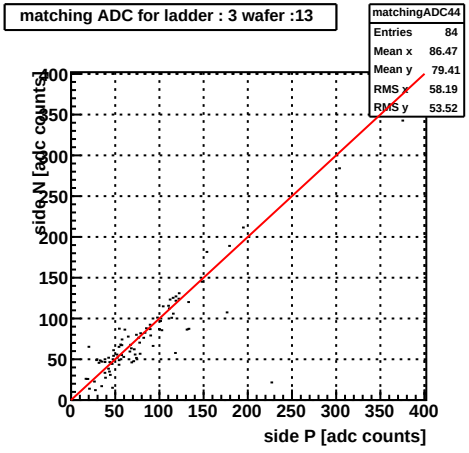

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 172
Mean x 77.07
Mean y 76.58
RMS x 68.28
RMS y 65.19
side N [adc counts]
side P [adc counts]

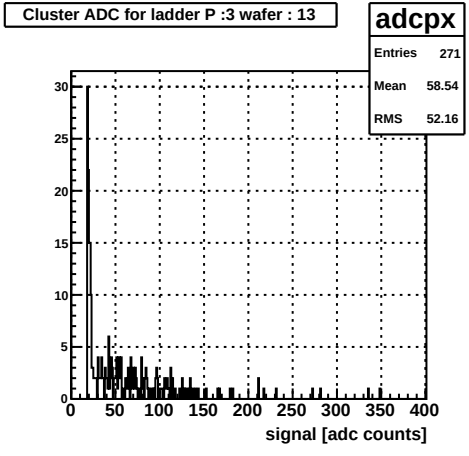

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 380
Mean 51.4
RMS 53.53
signal [adc counts]

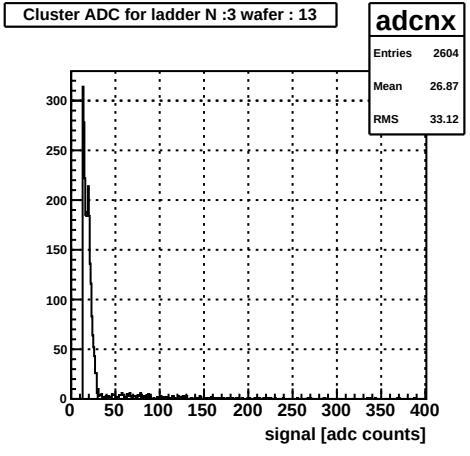

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3216
Mean 32.83
RMS 31.06
signal [adc counts]

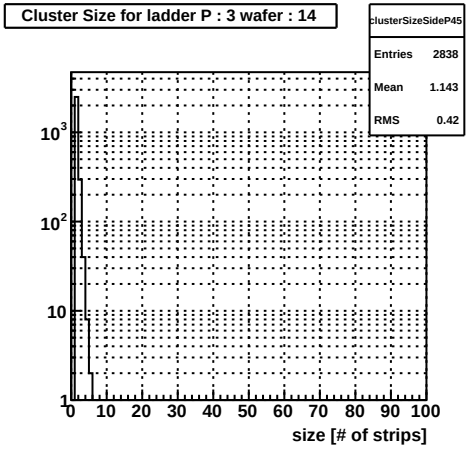

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 271
Mean 1.292
RMS 0.6134
size [# of strips]

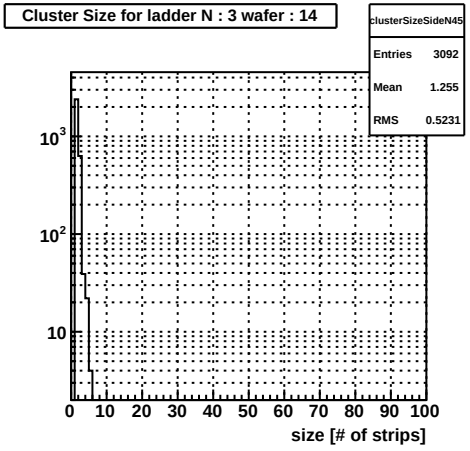

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2604
Mean 1.073
RMS 0.3729
size [# of strips]

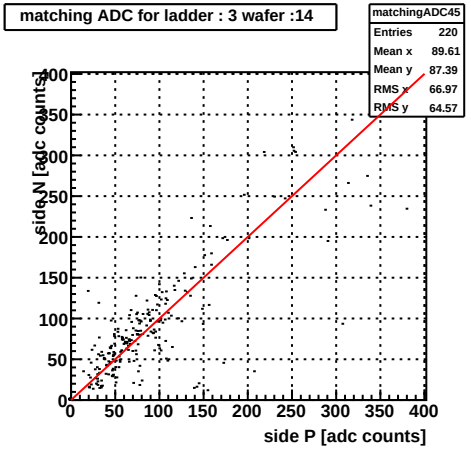

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 84
Mean x 86.47
Mean y 79.41
RMS x 58.19
RMS y 53.52
side N [adc counts]
side P [adc counts]

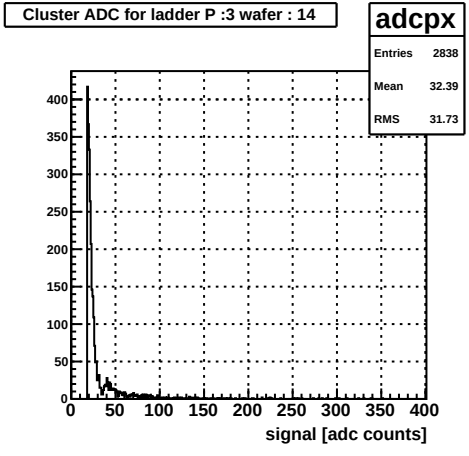

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 271
Mean 58.54
RMS 52.16
signal [adc counts]

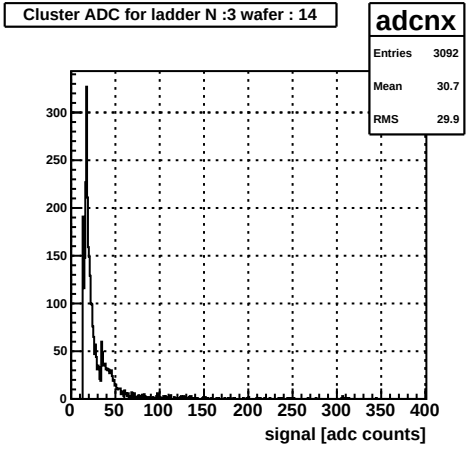

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2604
Mean 26.87
RMS 33.12
signal [adc counts]

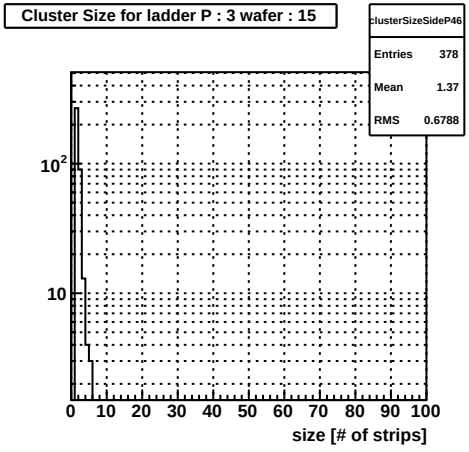

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2838
Mean 1.143
RMS 0.42
size [# of strips]

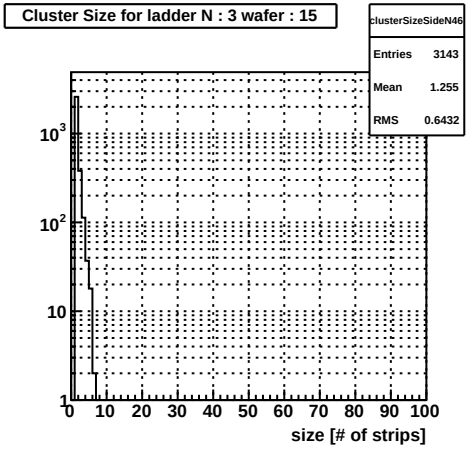

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3092
Mean 1.255
RMS 0.5231
size [# of strips]

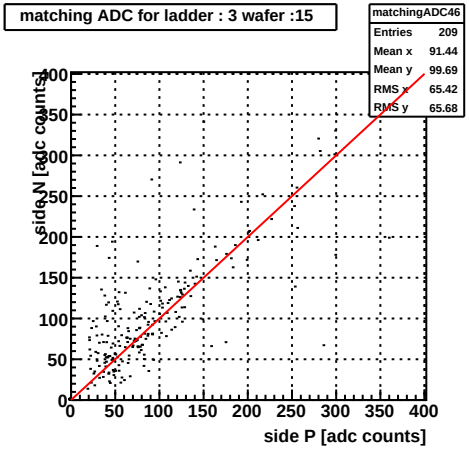

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 220
Mean x 89.61
Mean y 87.39
RMS x 66.97
RMS y 64.57
side N [adc counts]
side P [adc counts]

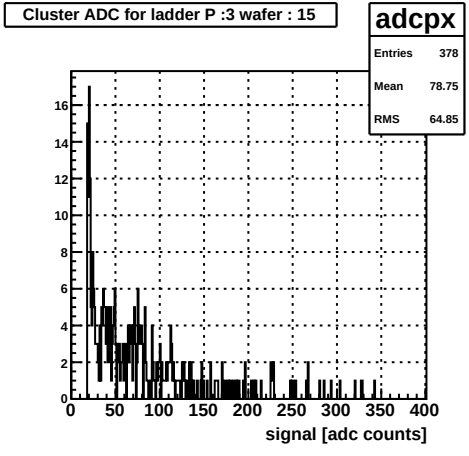

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2838
Mean 32.39
RMS 31.73
signal [adc counts]

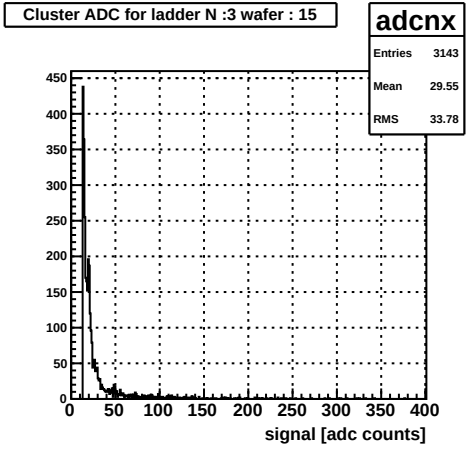

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3092
Mean 30.7
RMS 29.9
signal [adc counts]

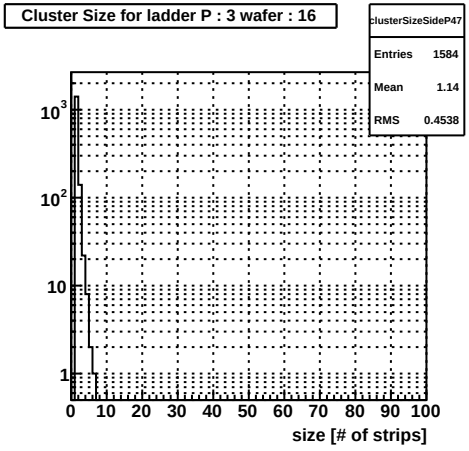

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 378
Mean 1.37
RMS 0.6788
size [# of strips]

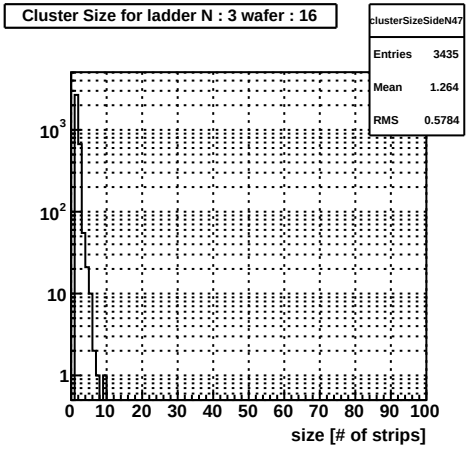

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3143
Mean 1.255
RMS 0.6432
size [# of strips]

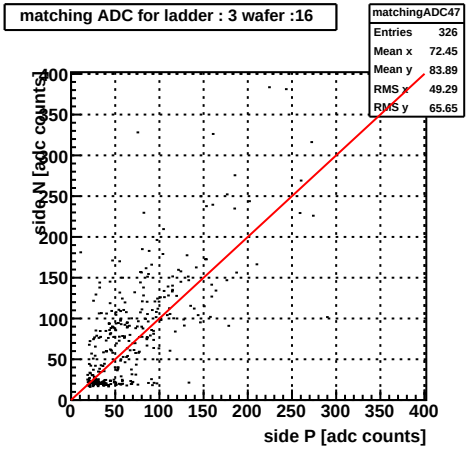

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 209
Mean x 91.44
Mean y 99.69
RMS x 65.42
RMS y 65.68
side N [adc counts]
side P [adc counts]

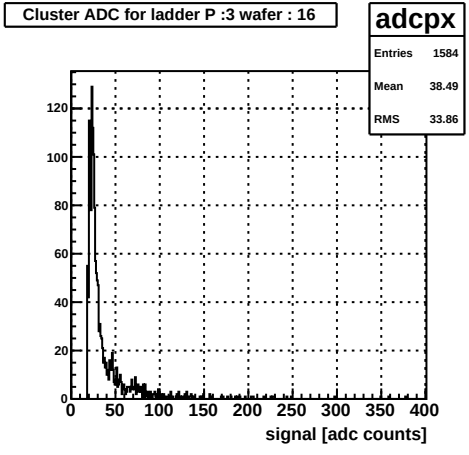

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 378
Mean 78.75
RMS 64.85
signal [adc counts]

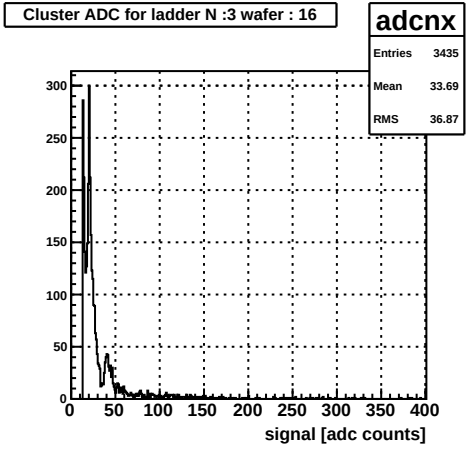

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3143
Mean 29.55
RMS 33.78
signal [adc counts]

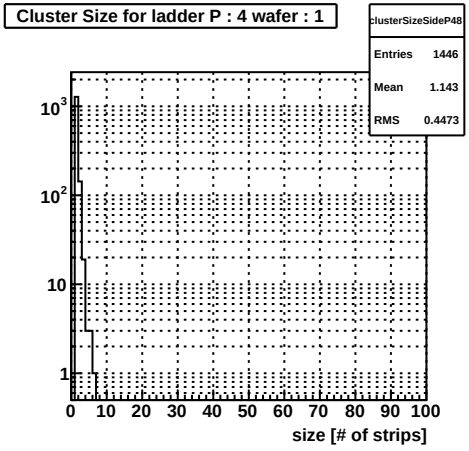

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1584
Mean 1.14
RMS 0.4538
size [# of strips]

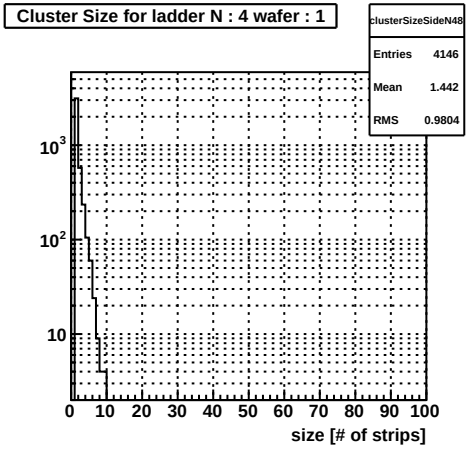

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3435
Mean 1.264
RMS 0.5784
size [# of strips]

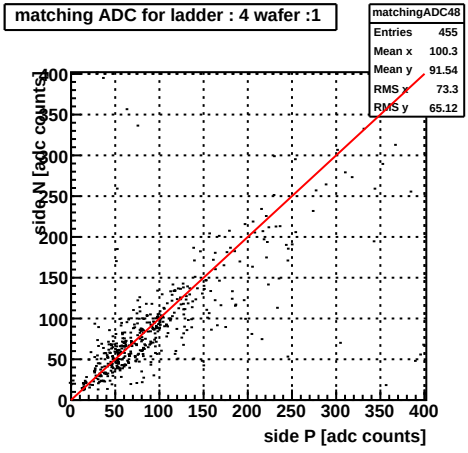

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 326
Mean x 72.45
Mean y 83.89
RMS x 49.29
RMS y 65.65
side N [adc counts]
side P [adc counts]

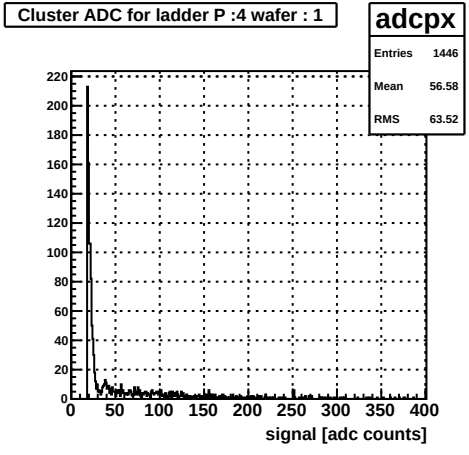

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1584
Mean 38.49
RMS 33.86
signal [adc counts]

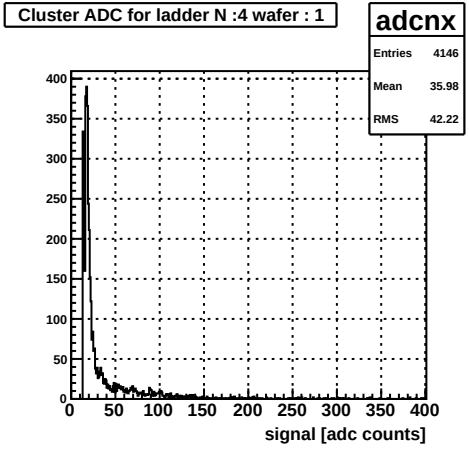

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3435
Mean 33.69
RMS 36.87
signal [adc counts]

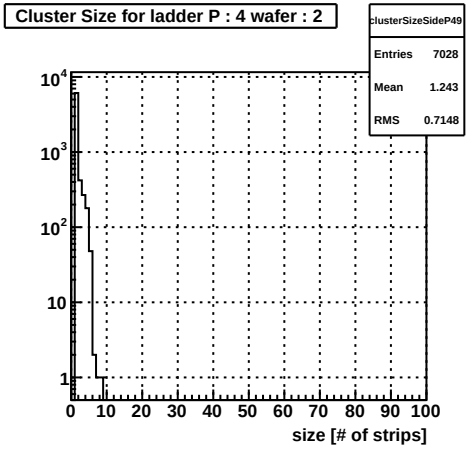

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1446
Mean 1.143
RMS 0.4473
size [# of strips]

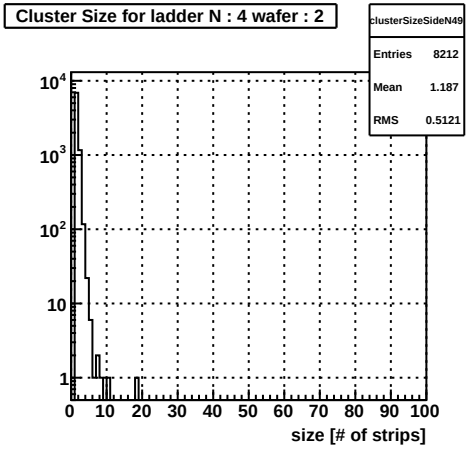

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4146
Mean 1.442
RMS 0.9804
size [# of strips]

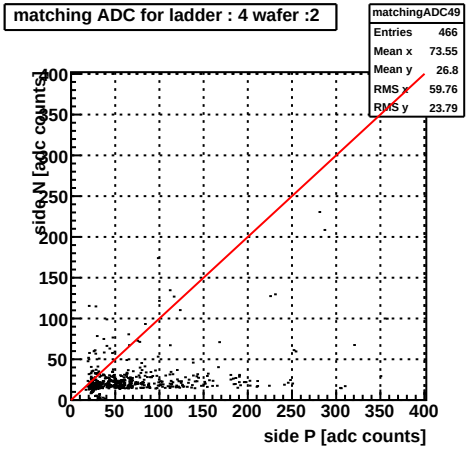

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 455
Mean x 100.3
Mean y 91.54
RMS x 73.3
RMS y 65.12
side N [adc counts]
side P [adc counts]

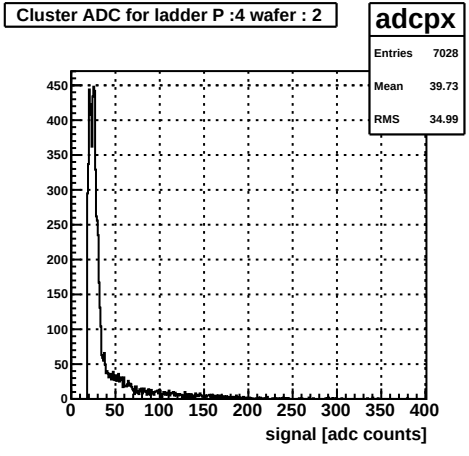

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1446
Mean 56.58
RMS 63.52
signal [adc counts]

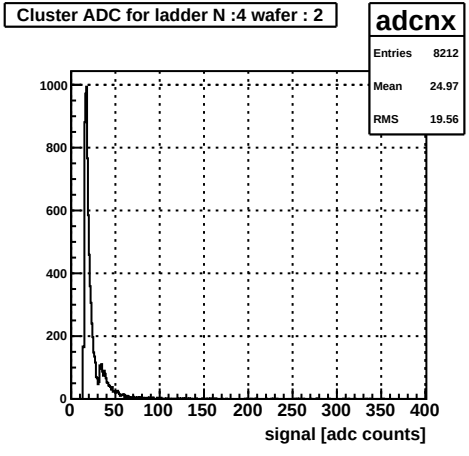

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4146
Mean 35.98
RMS 42.22
signal [adc counts]

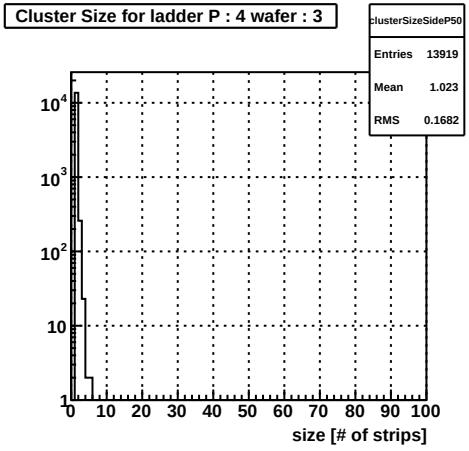

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7028
Mean 1.243
RMS 0.7148
size [# of strips]

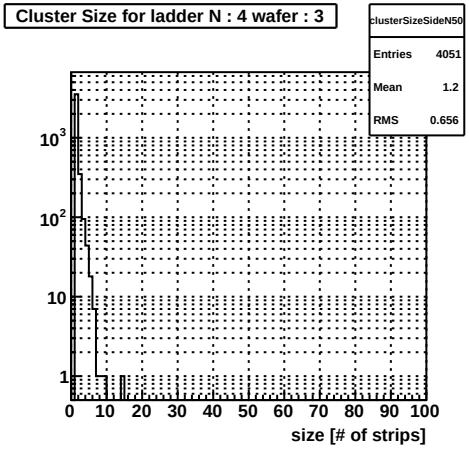

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 8212
Mean 1.187
RMS 0.5121
size [# of strips]

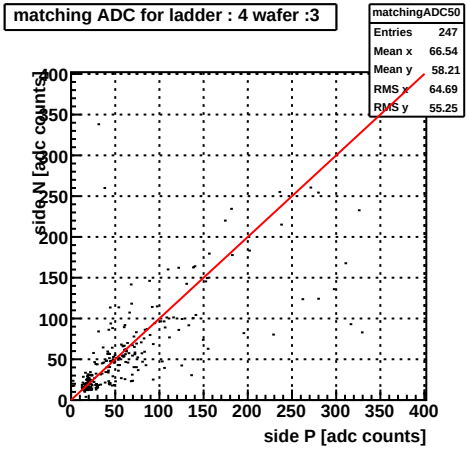

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 466
Mean x 73.55
Mean y 26.8
RMS x 59.76
RMS y 23.79
side N [adc counts]
side P [adc counts]

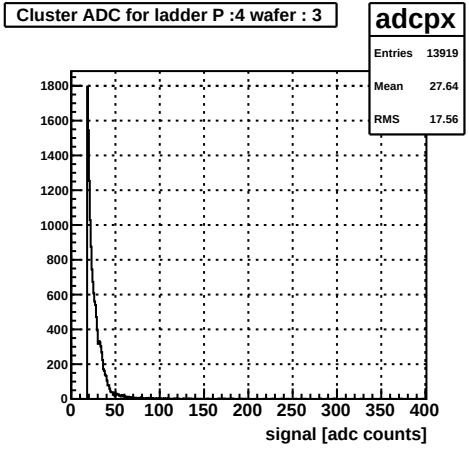

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7028
Mean 39.73
RMS 34.99
signal [adc counts]

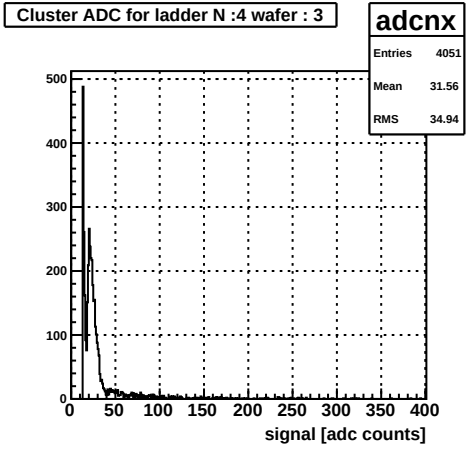

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 8212
Mean 24.97
RMS 19.56
signal [adc counts]

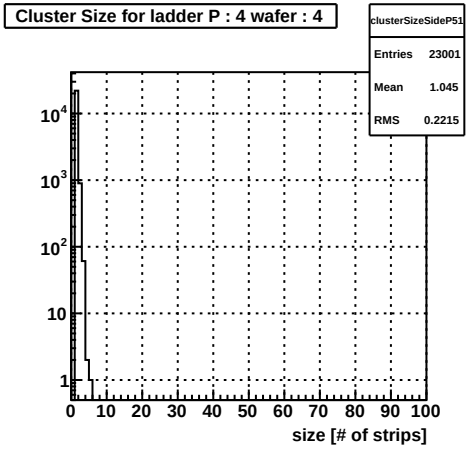

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13919
Mean 1.023
RMS 0.1682
size [# of strips]

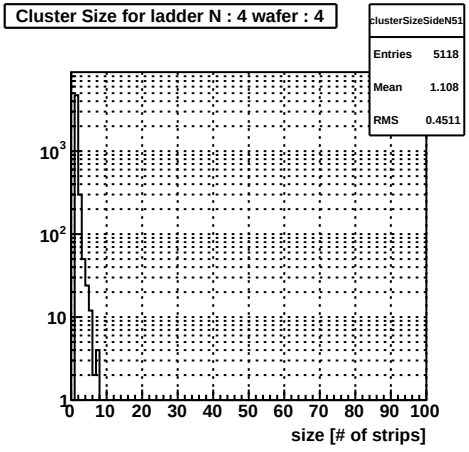

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 4051
Mean 1.2
RMS 0.656
size [# of strips]

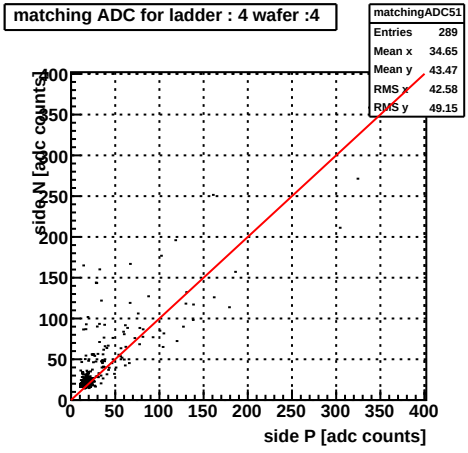

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 247
Mean x 66.54
Mean y 58.21
RMS x 64.69
RMS y 55.25
side N [adc counts]
side P [adc counts]

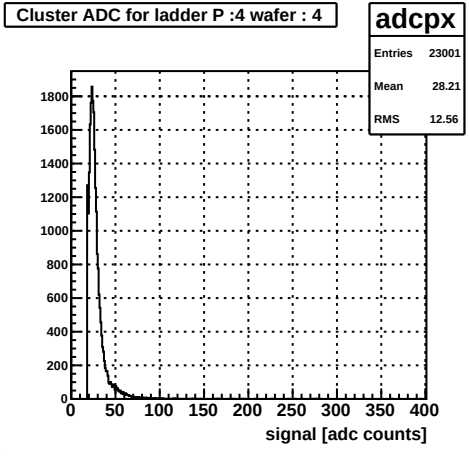

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13919
Mean 27.64
RMS 17.56
signal [adc counts]

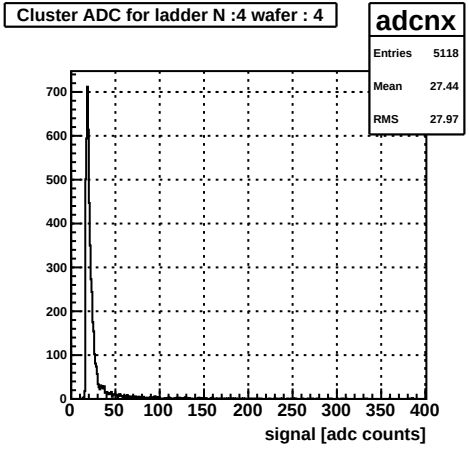

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 4051
Mean 31.56
RMS 34.94
signal [adc counts]

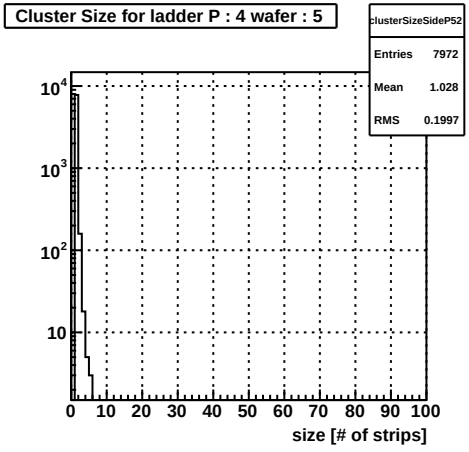

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 23001
Mean 1.045
RMS 0.2215
size [# of strips]

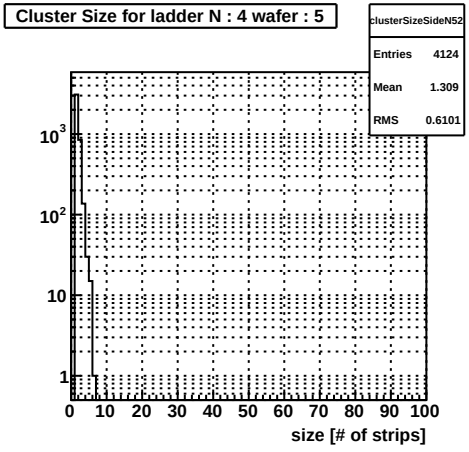

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5118
Mean 1.108
RMS 0.4511
size [# of strips]

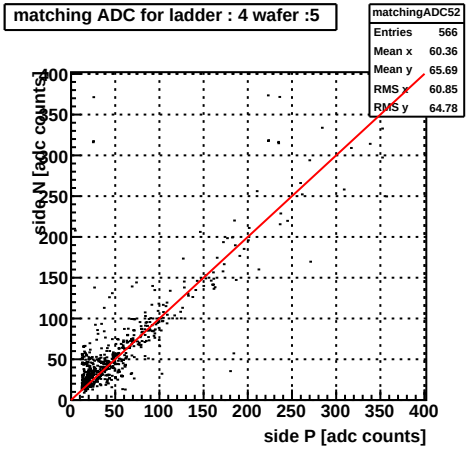

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 289
Mean x 34.65
Mean y 43.47
RMS x 42.58
RMS y 49.15
side N [adc counts]
side P [adc counts]

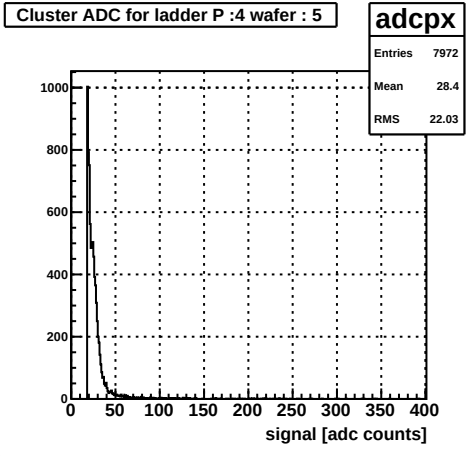

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 23001
Mean 28.21
RMS 12.56
signal [adc counts]

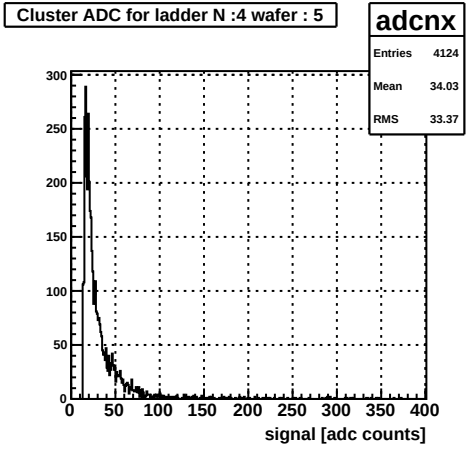

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5118
Mean 27.44
RMS 27.97
signal [adc counts]

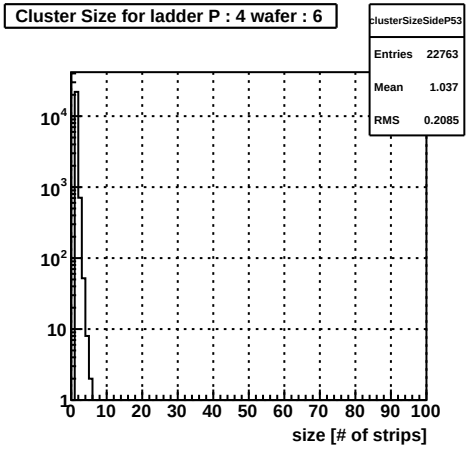

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7972
Mean 1.028
RMS 0.1997
size [# of strips]

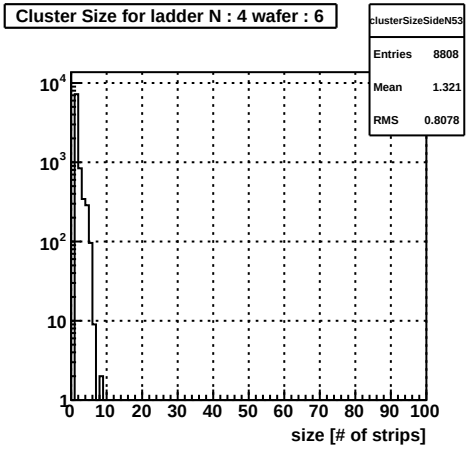

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4124
Mean 1.309
RMS 0.6101
size [# of strips]

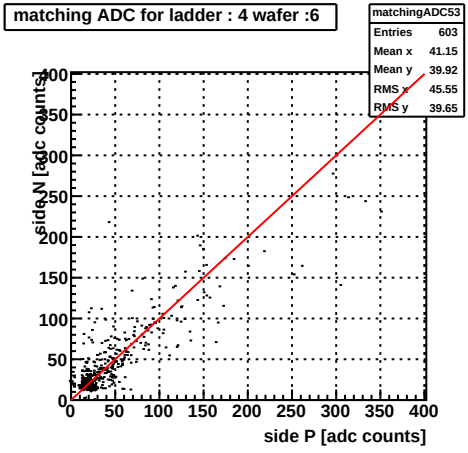

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 566
Mean x 60.36
Mean y 65.69
RMS x 60.85
RMS y 64.78
side N [adc counts]
side P [adc counts]

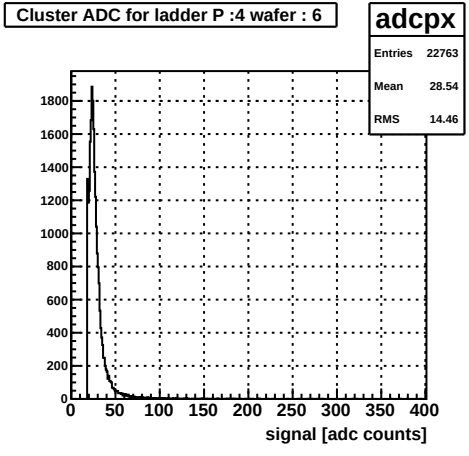

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7972
Mean 28.4
RMS 22.03
signal [adc counts]

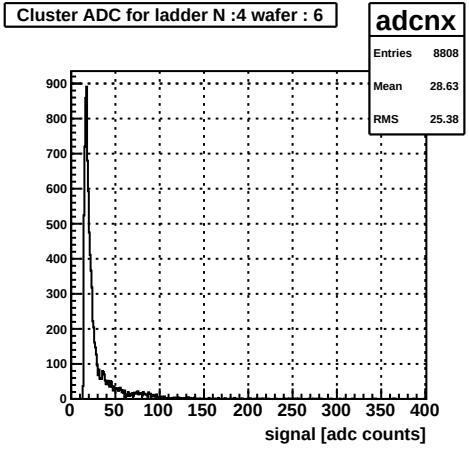

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4124
Mean 34.03
RMS 33.37
signal [adc counts]

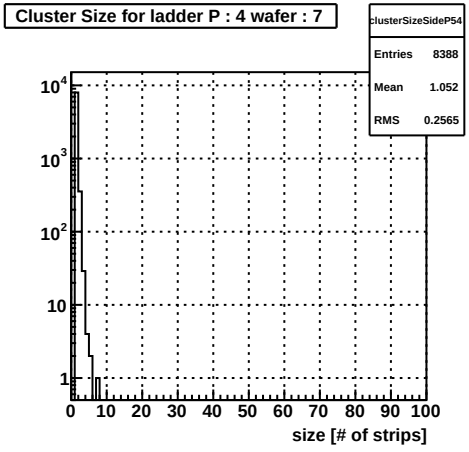

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 22763
Mean 1.037
RMS 0.2085
size [# of strips]

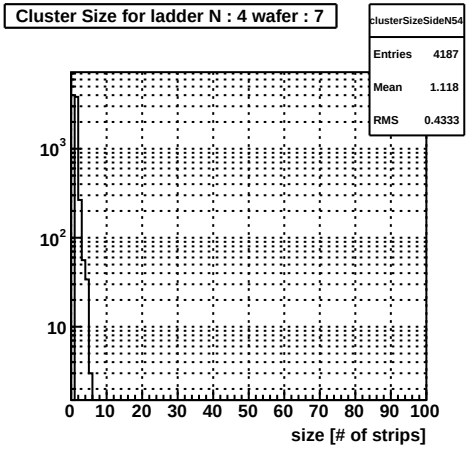

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8808
Mean 1.321
RMS 0.8078
size [# of strips]

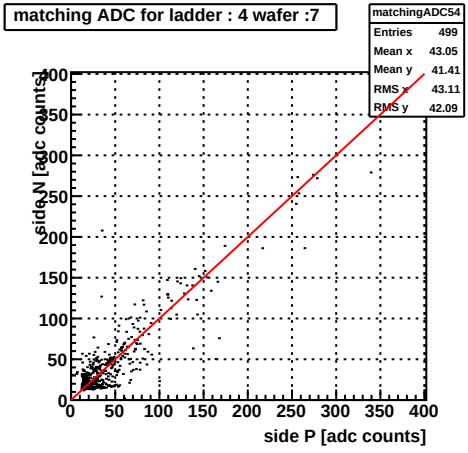

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 603
Mean x 41.15
Mean y 39.92
RMS x 45.55
RMS y 39.65
side N [adc counts]
side P [adc counts]

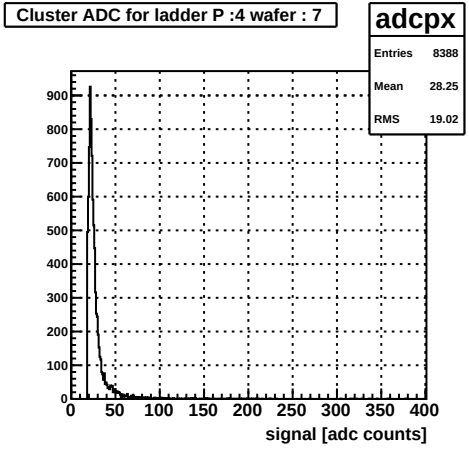

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 22763
Mean 28.54
RMS 14.46
signal [adc counts]

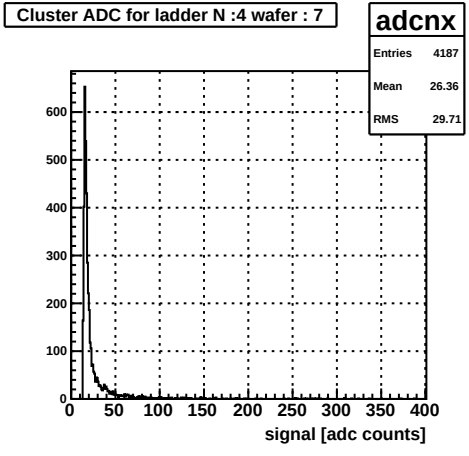

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8808
Mean 28.63
RMS 25.38
signal [adc counts]

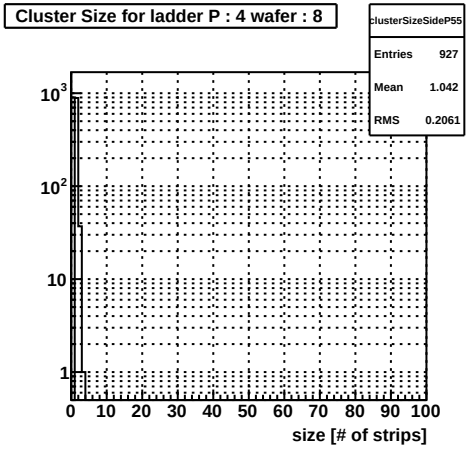

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8388
Mean 1.052
RMS 0.2565
size [# of strips]

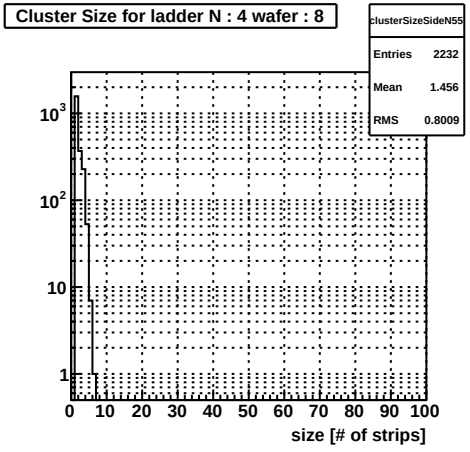

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4187
Mean 1.118
RMS 0.4333
size [# of strips]

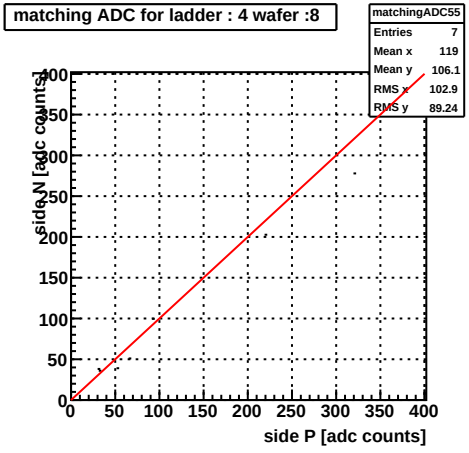

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 499
Mean x 43.05
Mean y 41.41
RMS x 43.11
RMS y 42.09
side N [adc counts]
side P [adc counts]

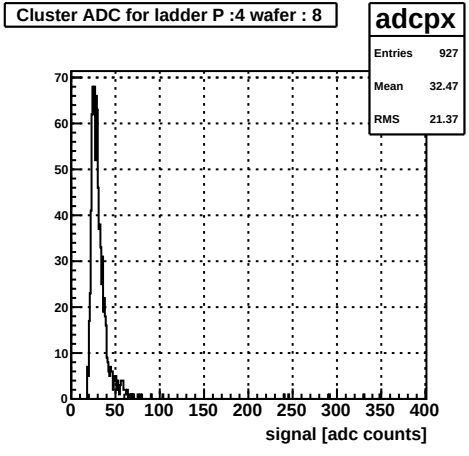

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8388
Mean 28.25
RMS 19.02
signal [adc counts]

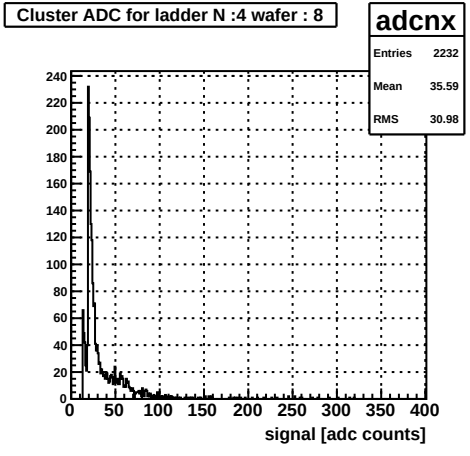

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4187
Mean 26.36
RMS 29.71
signal [adc counts]

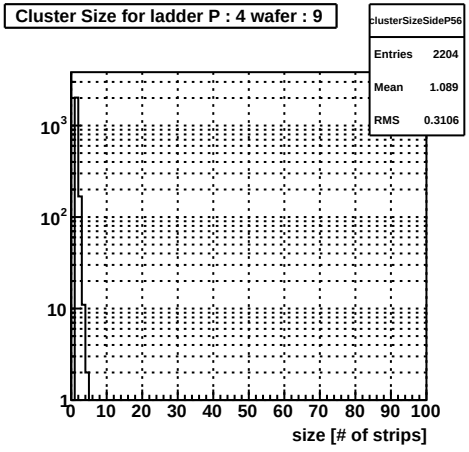

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 927
Mean 1.042
RMS 0.2061
size [# of strips]

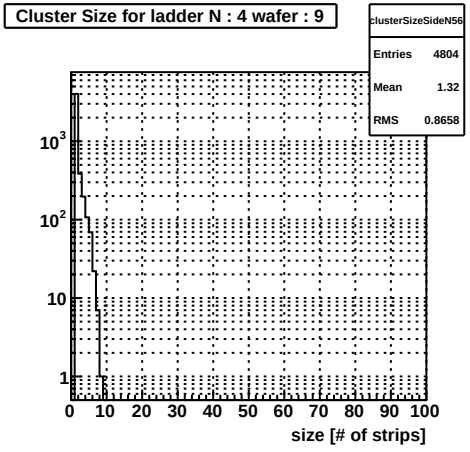

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2232
Mean 1.456
RMS 0.8009
size [# of strips]

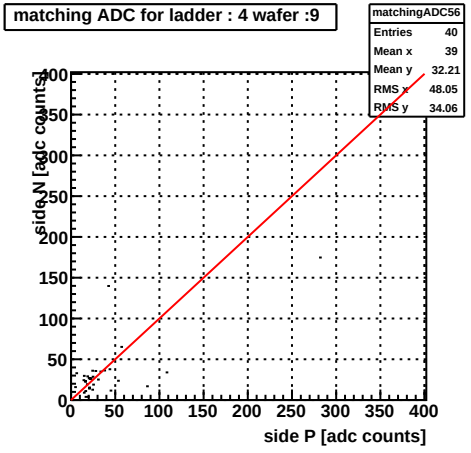

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 7
Mean x 119
Mean y 106.1
RMS x 102.9
RMS y 89.24
side N [adc counts]
side P [adc counts]

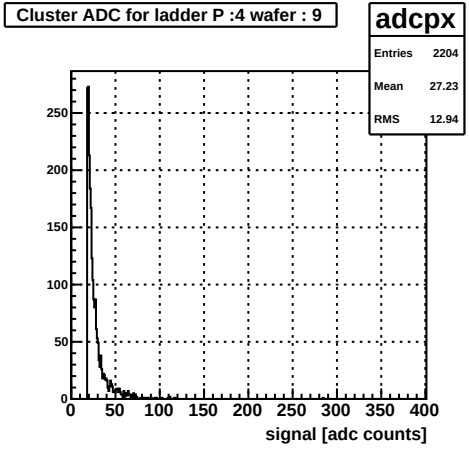

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 927
Mean 32.47
RMS 21.37
signal [adc counts]

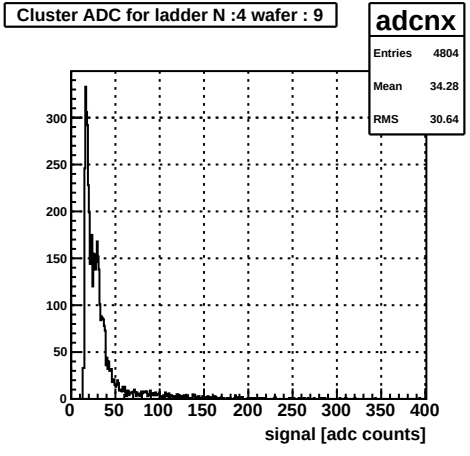

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2232
Mean 35.59
RMS 30.98
signal [adc counts]

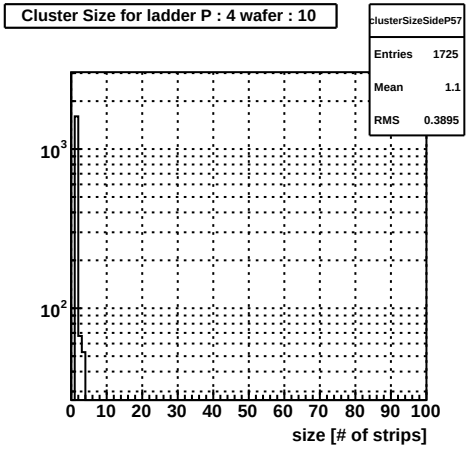

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2204
Mean 1.089
RMS 0.3106
size [# of strips]

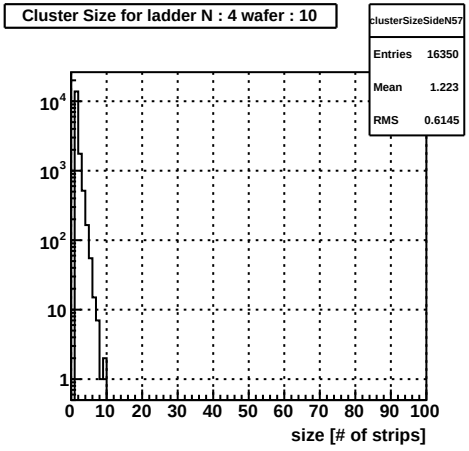

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4804
Mean 1.32
RMS 0.8658
size [# of strips]

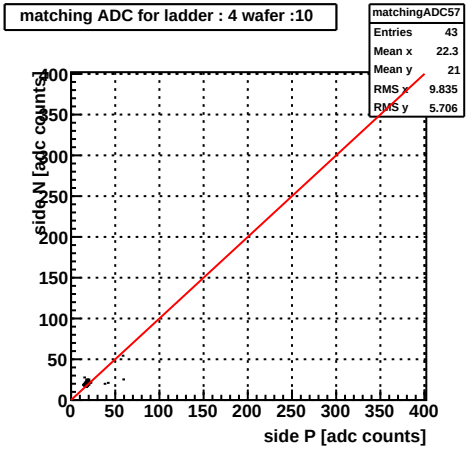

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 40
Mean x 39
Mean y 32.21
RMS x 48.05
RMS y 34.06
side N [adc counts]
side P [adc counts]

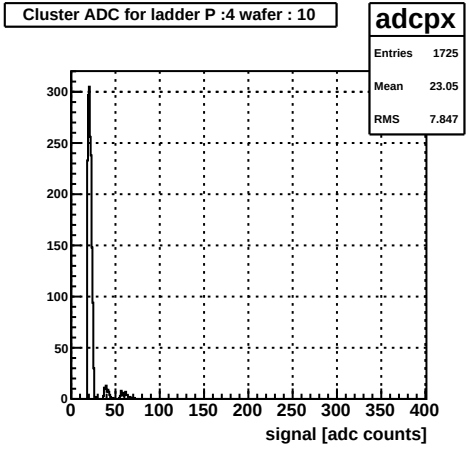

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2204
Mean 27.23
RMS 12.94
signal [adc counts]

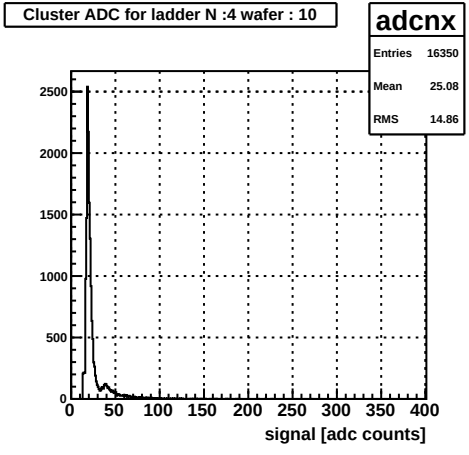

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4804
Mean 34.28
RMS 30.64
signal [adc counts]

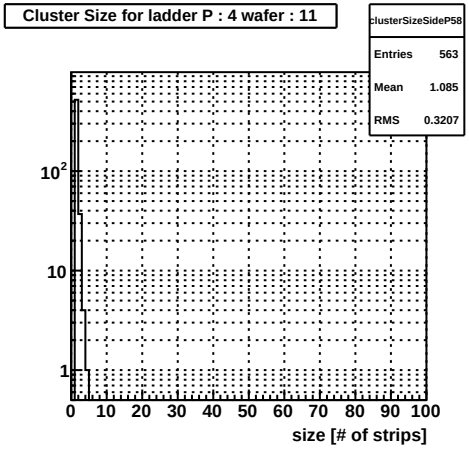

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1725
Mean 1.1
RMS 0.3895
size [# of strips]

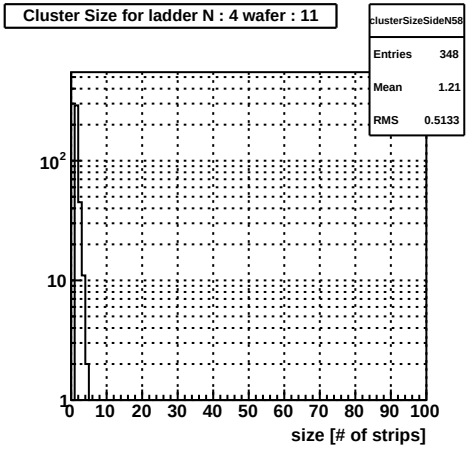

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16350
Mean 1.223
RMS 0.6145
size [# of strips]

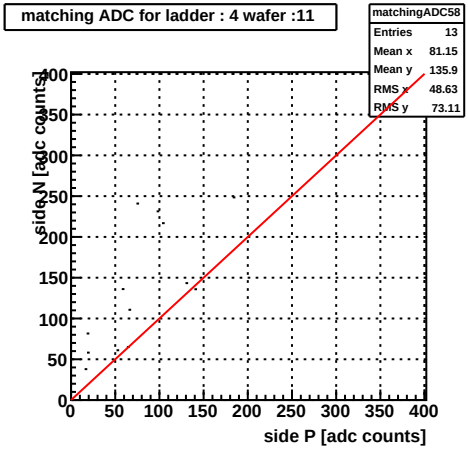

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 43
Mean x 22.3
Mean y 21
RMS x 9.835
RMS y 5.706
side N [adc counts]
side P [adc counts]

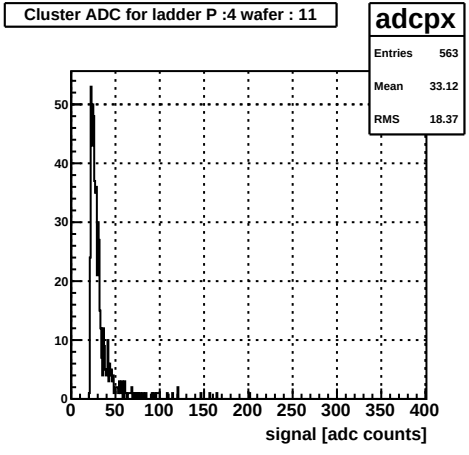

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1725
Mean 23.05
RMS 7.847
signal [adc counts]

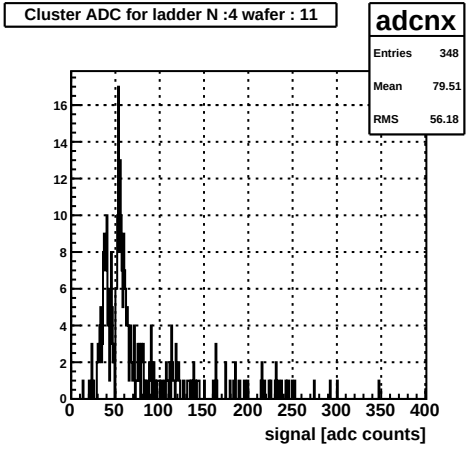

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16350
Mean 25.08
RMS 14.86
signal [adc counts]

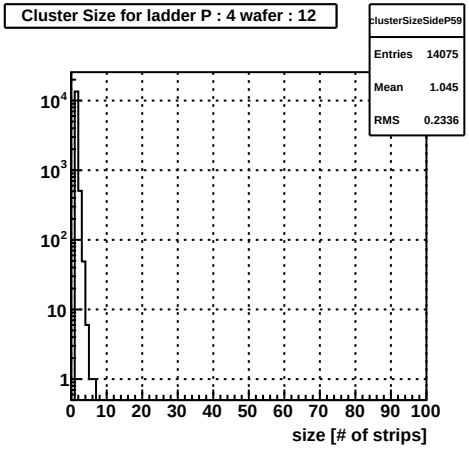

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 563
Mean 1.085
RMS 0.3207
size [# of strips]

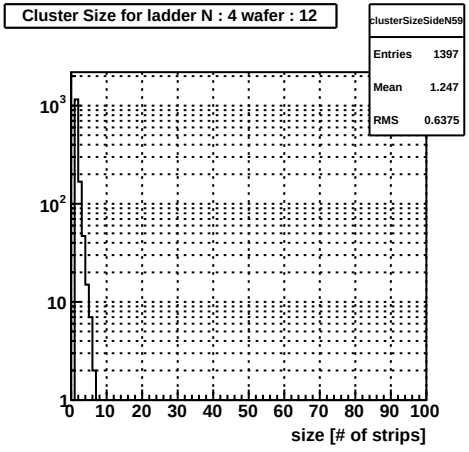

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 348
Mean 1.21
RMS 0.5133
size [# of strips]

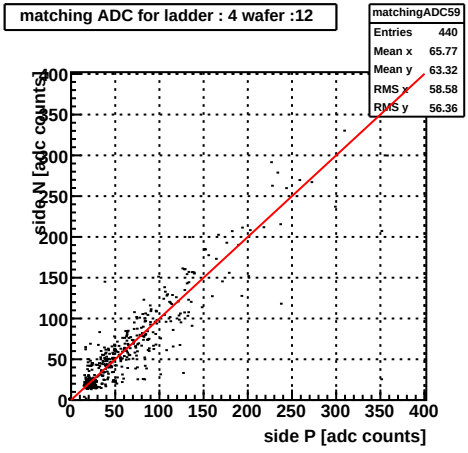

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 13
Mean x 81.15
Mean y 135.9
RMS x 48.63
RMS y 73.11
side N [adc counts]
side P [adc counts]

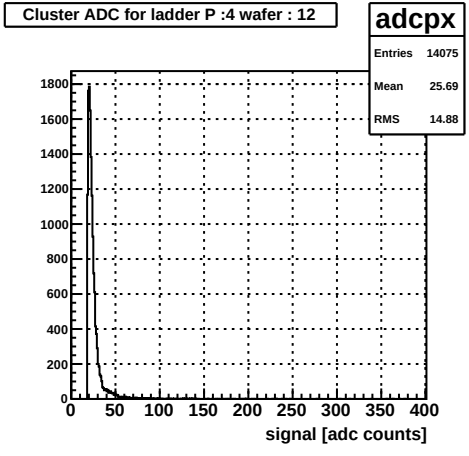

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 563
Mean 33.12
RMS 18.37
signal [adc counts]

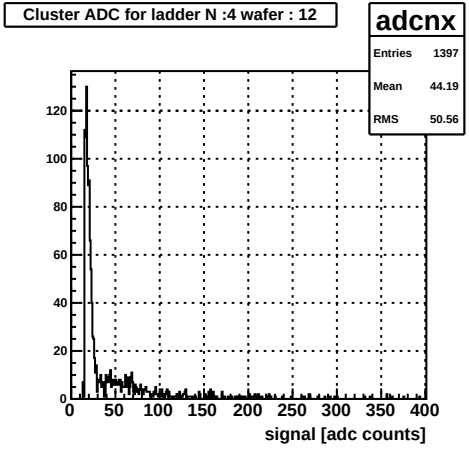

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 348
Mean 79.51
RMS 56.18
signal [adc counts]

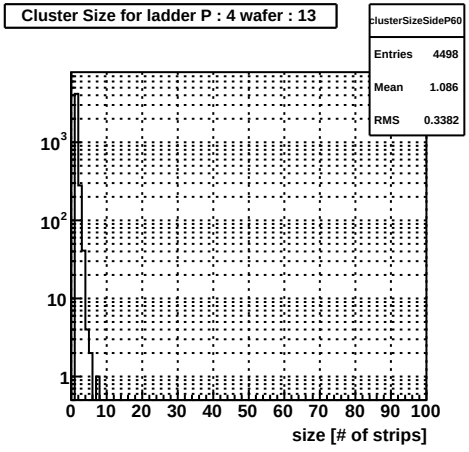

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 14075
Mean 1.045
RMS 0.2336
size [# of strips]

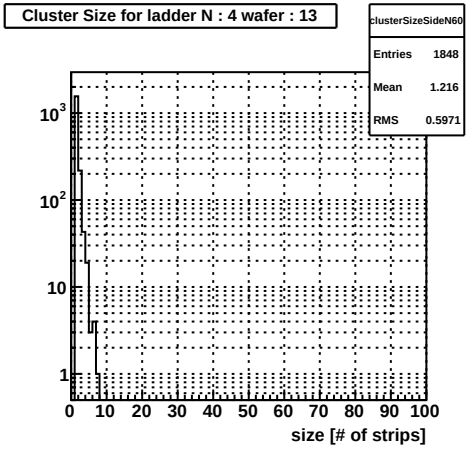

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1397
Mean 1.247
RMS 0.6375
size [# of strips]

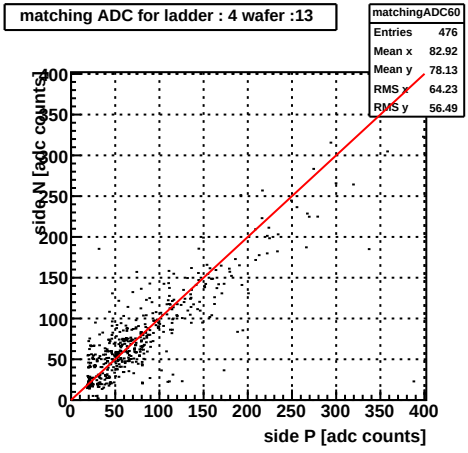

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 440
Mean x 65.77
Mean y 63.32
RMS x 58.58
RMS y 56.36
side N [adc counts]
side P [adc counts]

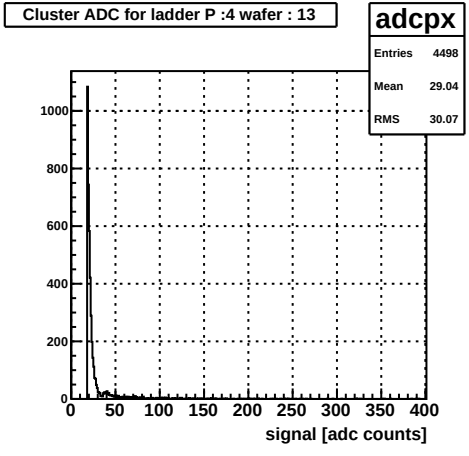

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 14075
Mean 25.69
RMS 14.88
signal [adc counts]

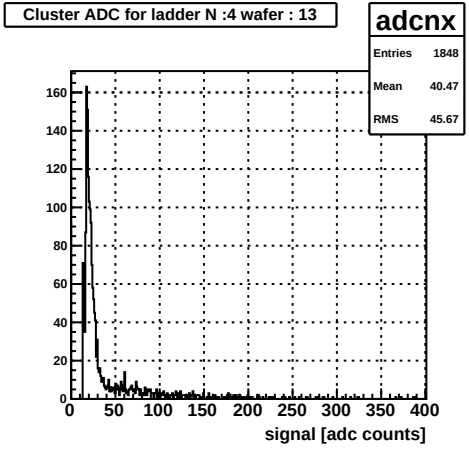

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1397
Mean 44.19
RMS 50.56
signal [adc counts]

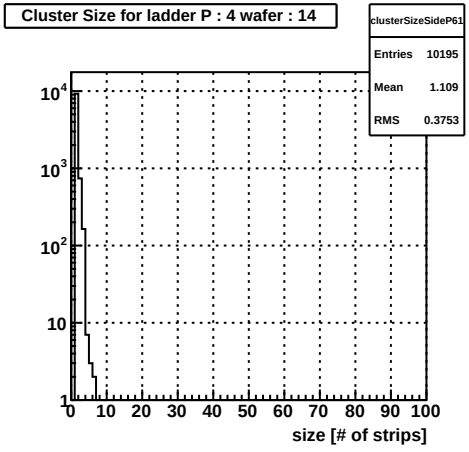

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4498
Mean 1.086
RMS 0.3382
size [# of strips]

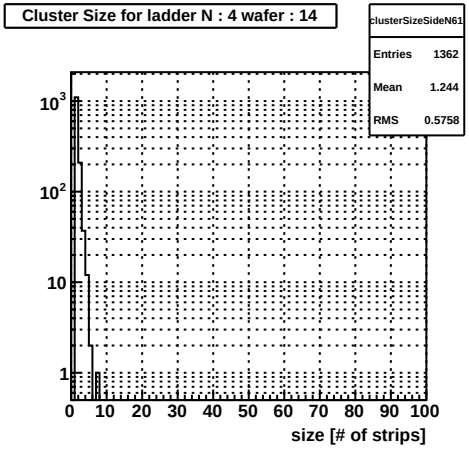

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1848
Mean 1.216
RMS 0.5971
size [# of strips]

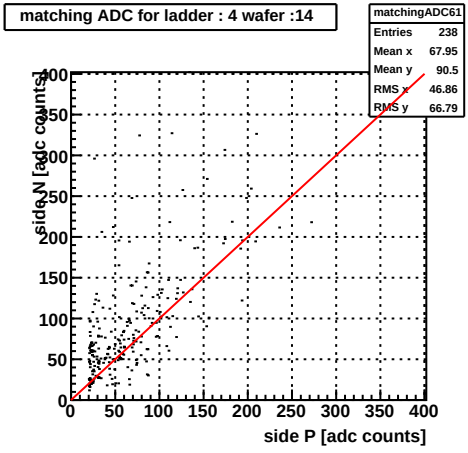

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 476
Mean x 82.92
Mean y 78.13
RMS x 64.23
RMS y 56.49
side N [adc counts]
side P [adc counts]

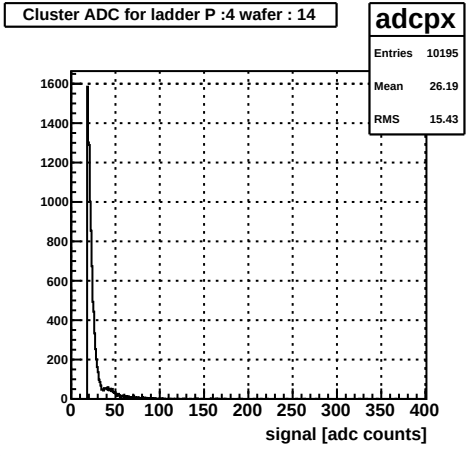

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4498
Mean 29.04
RMS 30.07
signal [adc counts]

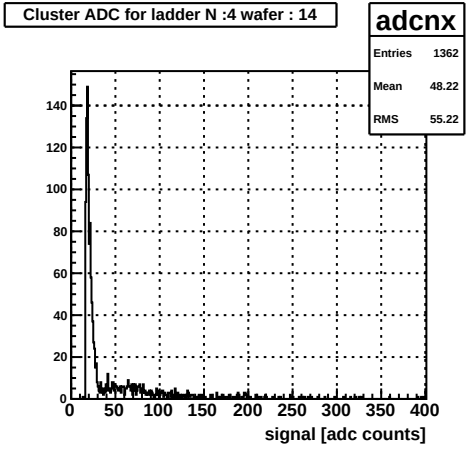

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1848
Mean 40.47
RMS 45.67
signal [adc counts]

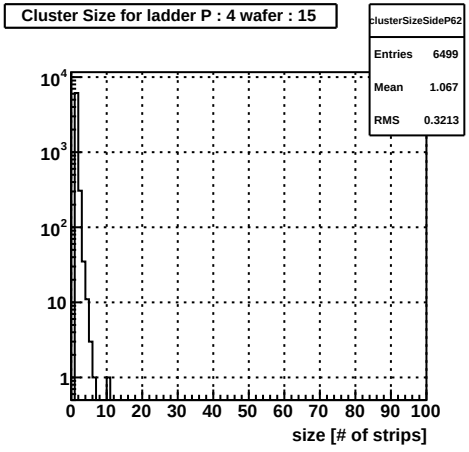

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10195
Mean 1.109
RMS 0.3753
size [# of strips]

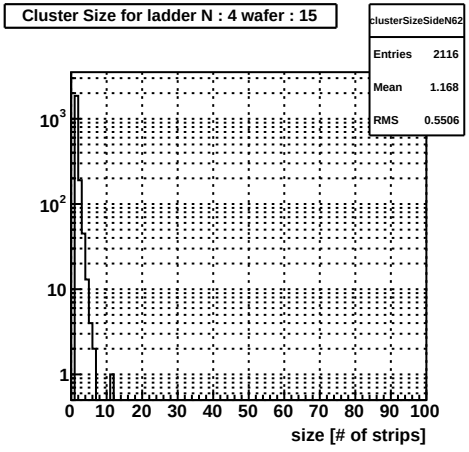

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1362
Mean 1.244
RMS 0.5758
size [# of strips]

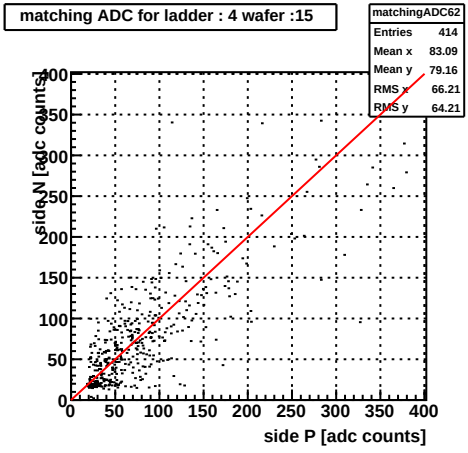

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 238
Mean x 67.95
Mean y 90.5
RMS x 46.86
RMS y 66.79
side N [adc counts]
side P [adc counts]

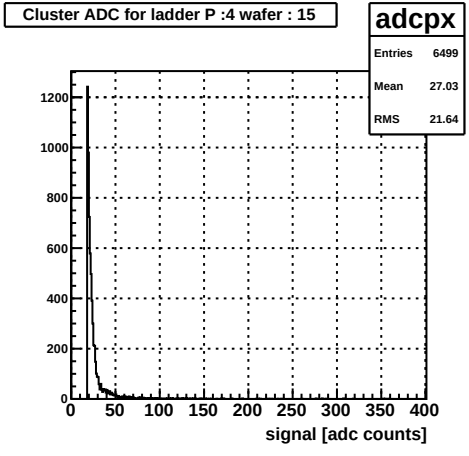

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10195
Mean 26.19
RMS 15.43
signal [adc counts]

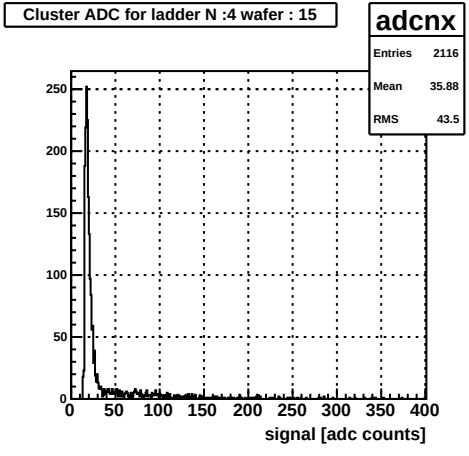

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1362
Mean 48.22
RMS 55.22
signal [adc counts]

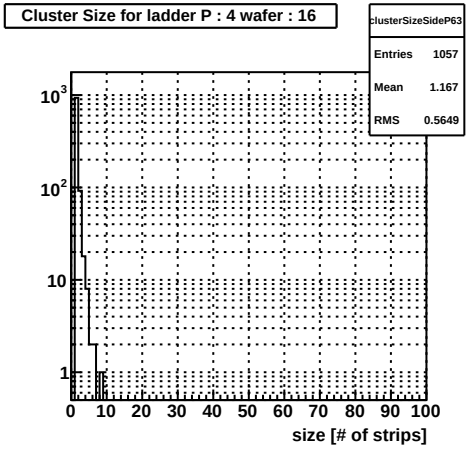

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6499
Mean 1.067
RMS 0.3213
size [# of strips]

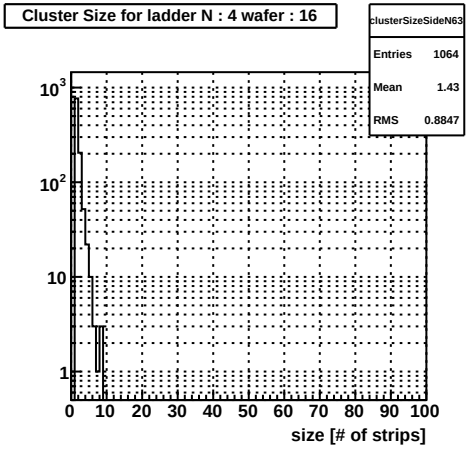

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2116
Mean 1.168
RMS 0.5506
size [# of strips]

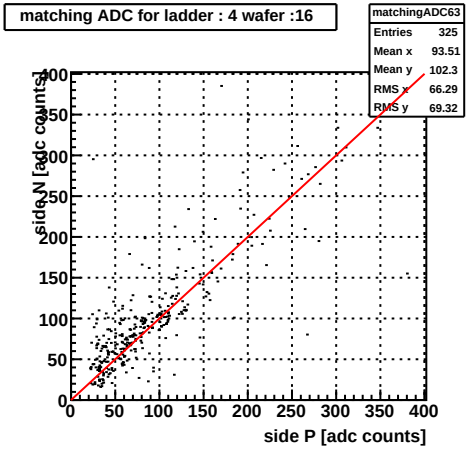

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 414
Mean x 83.09
Mean y 79.16
RMS x 66.21
RMS y 64.21
side N [adc counts]
side P [adc counts]

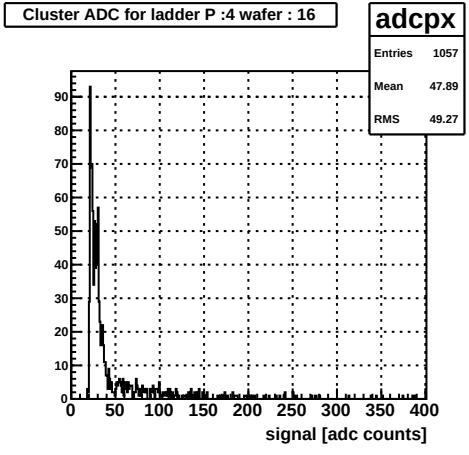

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6499
Mean 27.03
RMS 21.64
signal [adc counts]

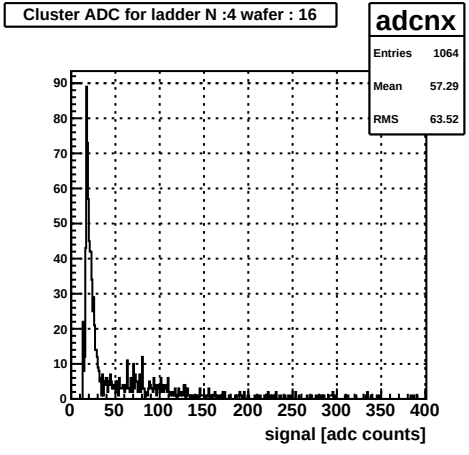

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2116
Mean 35.88
RMS 43.5
signal [adc counts]

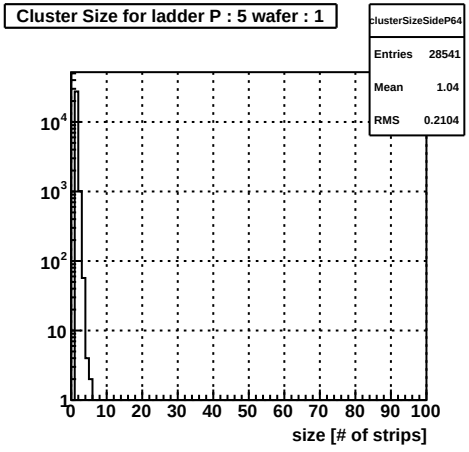

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1057
Mean 1.167
RMS 0.5649
size [# of strips]

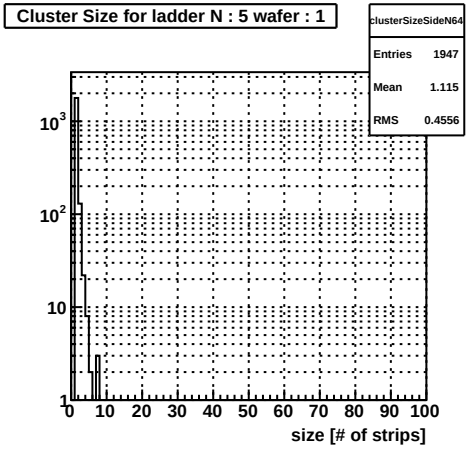

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1064
Mean 1.43
RMS 0.8847
size [# of strips]

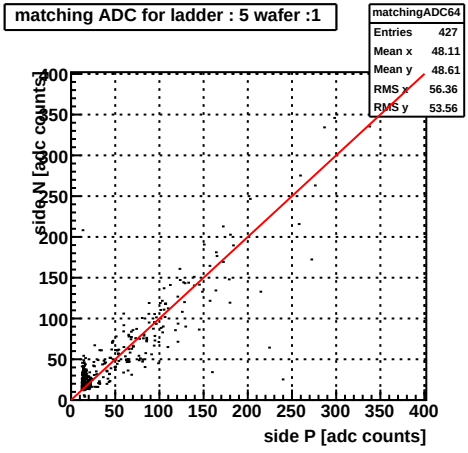

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 325
Mean x 93.51
Mean y 102.3
RMS x 66.29
RMS y 69.32
side N [adc counts]
side P [adc counts]

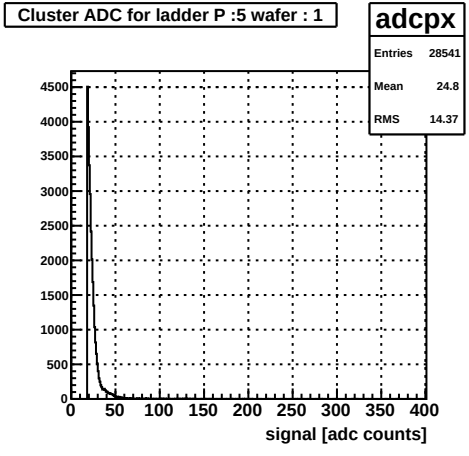

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1057
Mean 47.89
RMS 49.27
signal [adc counts]

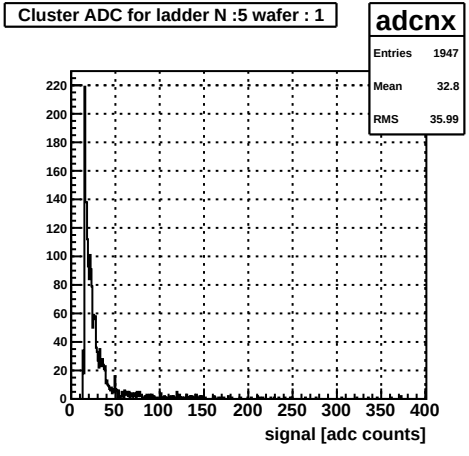

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1064
Mean 57.29
RMS 63.52
signal [adc counts]

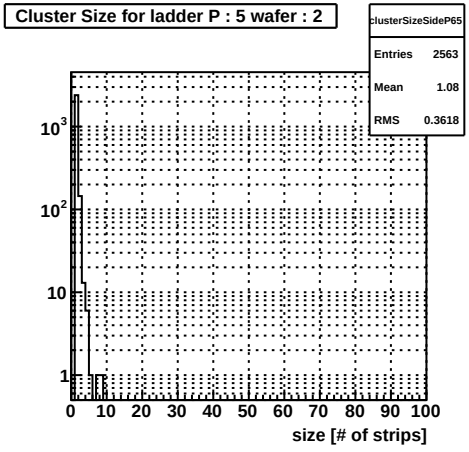

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 28541
Mean 1.04
RMS 0.2104
size [# of strips]

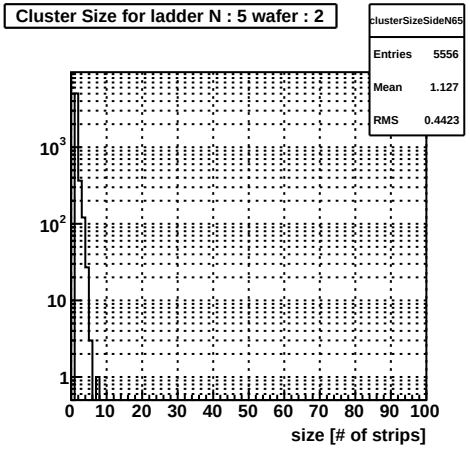

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1947
Mean 1.115
RMS 0.4556
size [# of strips]

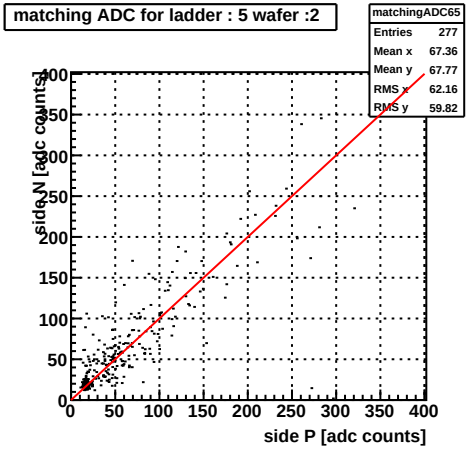

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 427
Mean x 48.11
Mean y 48.61
RMS x 56.36
RMS y 53.56
side N [adc counts]
side P [adc counts]

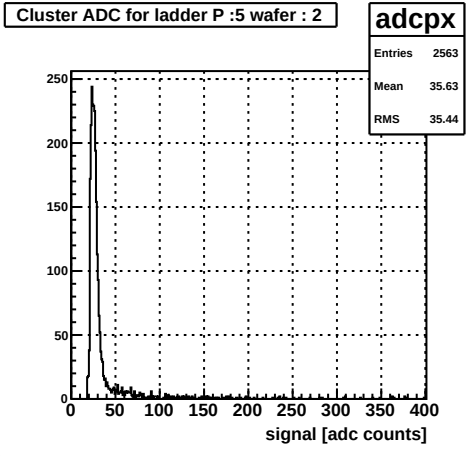

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 28541
Mean 24.8
RMS 14.37
signal [adc counts]

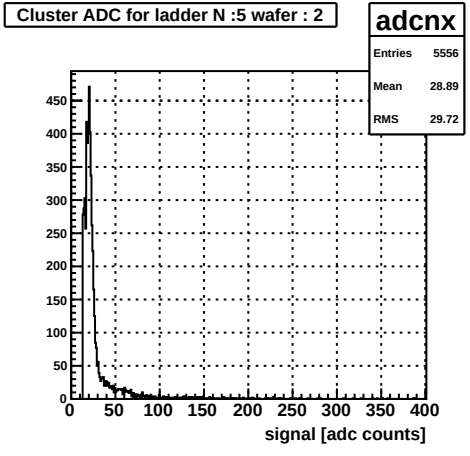

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1947
Mean 32.8
RMS 35.99
signal [adc counts]

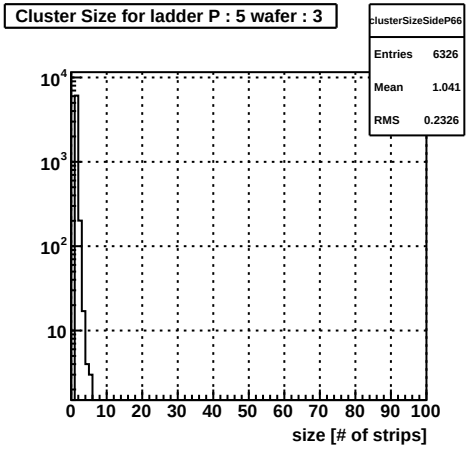

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2563
Mean 1.08
RMS 0.3618
size [# of strips]

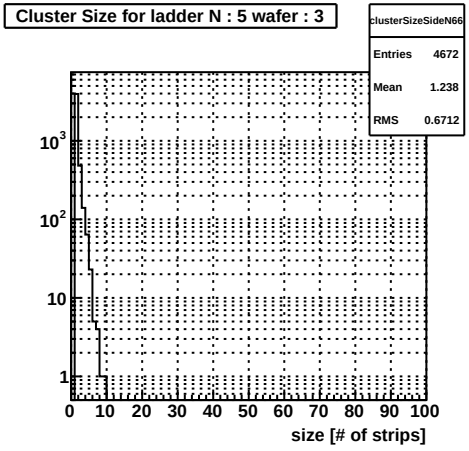

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 5556
Mean 1.127
RMS 0.4423
size [# of strips]

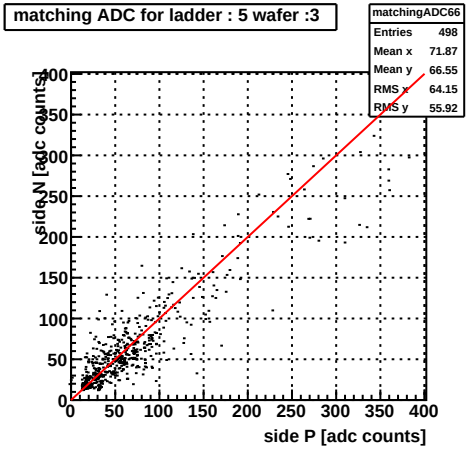

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 277
Mean x 67.36
Mean y 67.77
RMS x 62.16
RMS y 59.82
side N [adc counts]
side P [adc counts]

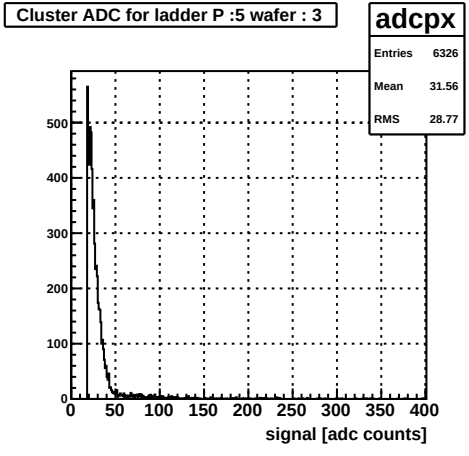

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2563
Mean 35.63
RMS 35.44
signal [adc counts]

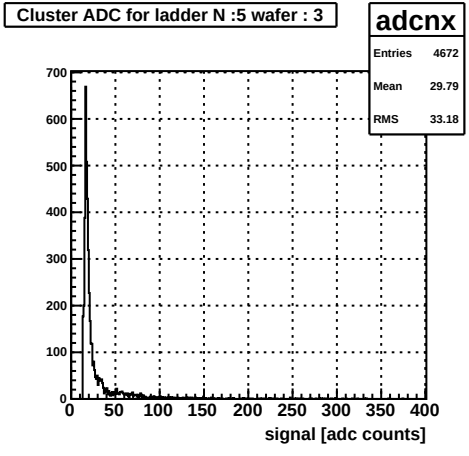

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 5556
Mean 28.89
RMS 29.72
signal [adc counts]

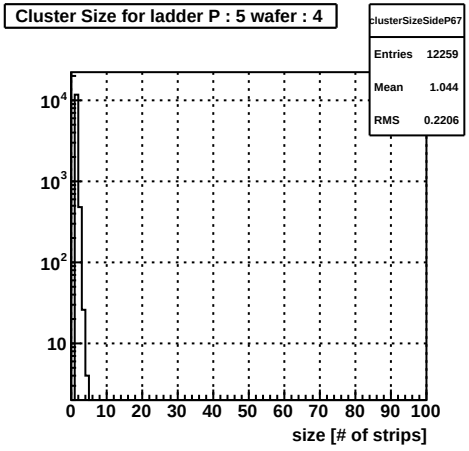

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6326
Mean 1.041
RMS 0.2326
size [# of strips]

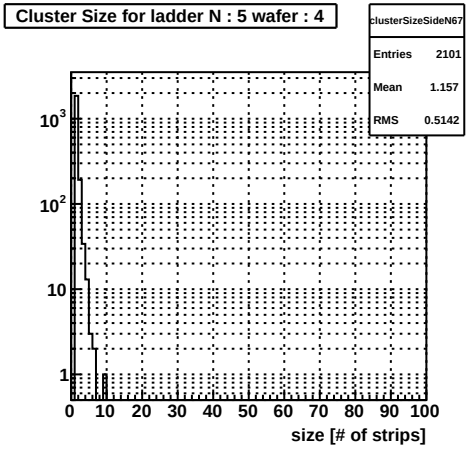

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4672
Mean 1.238
RMS 0.6712
size [# of strips]

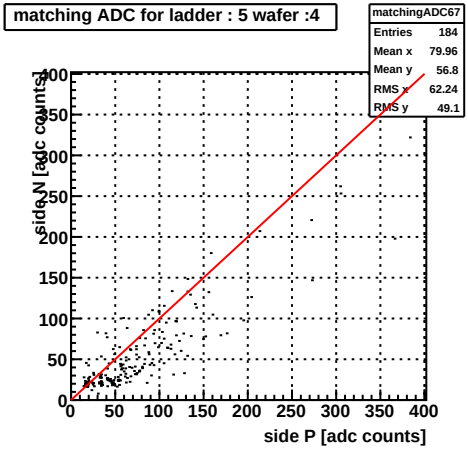

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 498
Mean x 71.87
Mean y 66.55
RMS x 64.15
RMS y 55.92
side N [adc counts]
side P [adc counts]

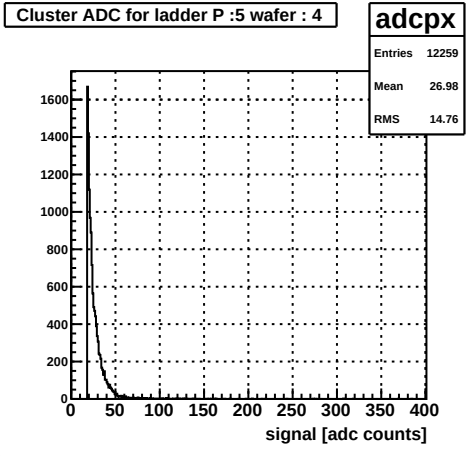

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6326
Mean 31.56
RMS 28.77
signal [adc counts]

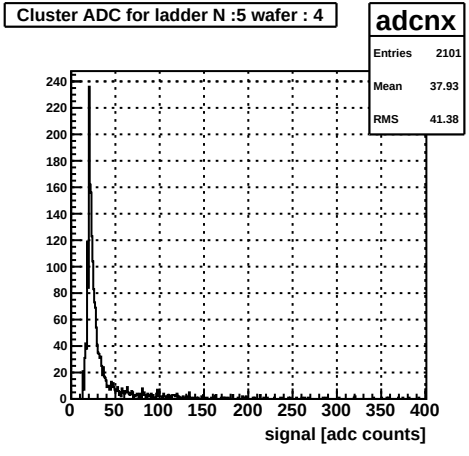

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4672
Mean 29.79
RMS 33.18
signal [adc counts]

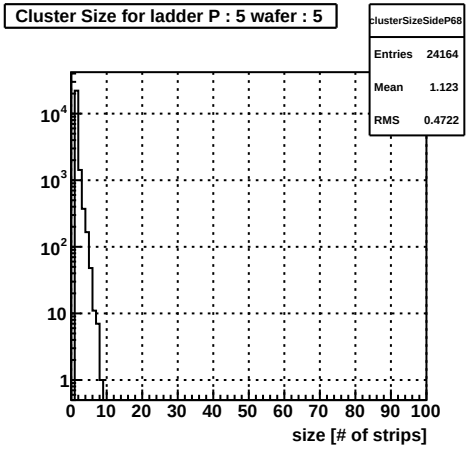

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 12259
Mean 1.044
RMS 0.2206
size [# of strips]

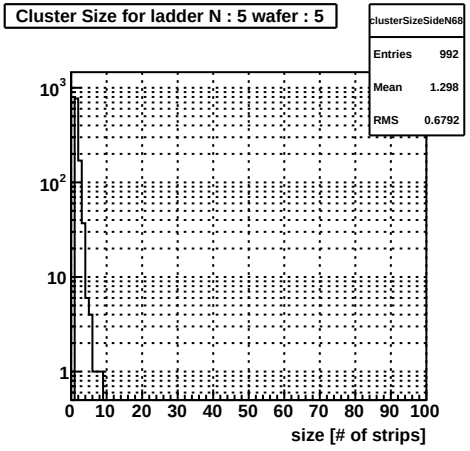

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2101
Mean 1.157
RMS 0.5142
size [# of strips]

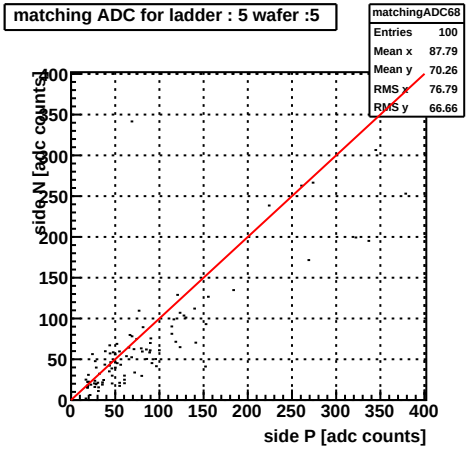

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 184
Mean x 79.96
Mean y 56.8
RMS x 62.24
RMS y 49.1
side N [adc counts]
side P [adc counts]

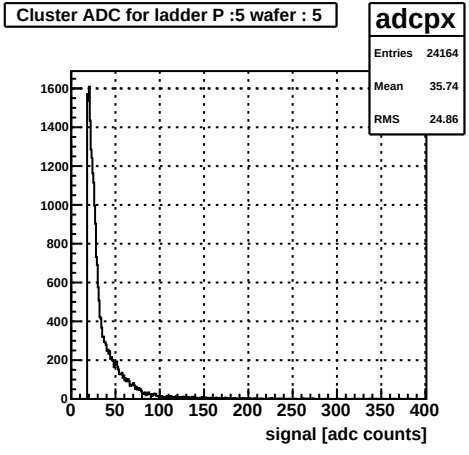

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 12259
Mean 26.98
RMS 14.76
signal [adc counts]

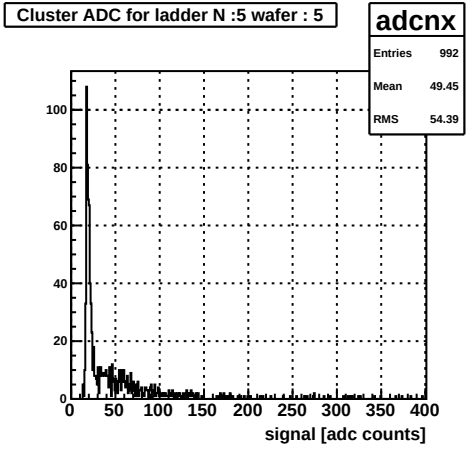

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2101
Mean 37.93
RMS 41.38
signal [adc counts]

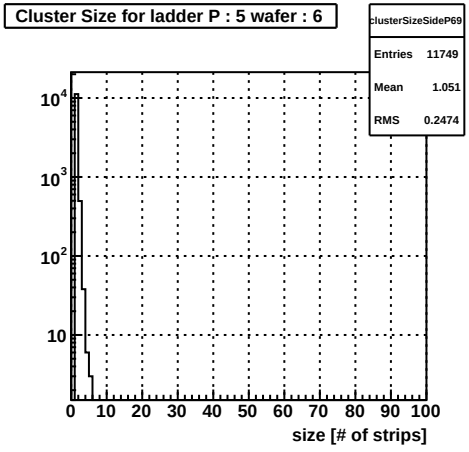

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 24164
Mean 1.123
RMS 0.4722
size [# of strips]

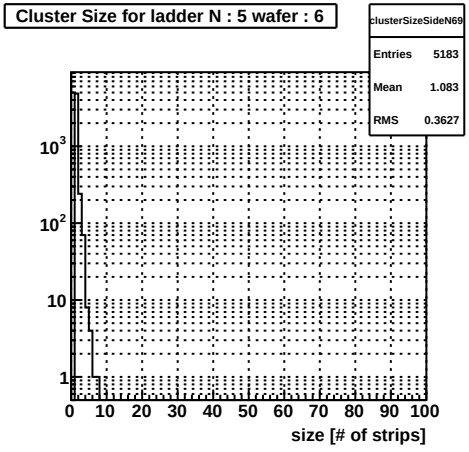

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 992
Mean 1.298
RMS 0.6792
size [# of strips]

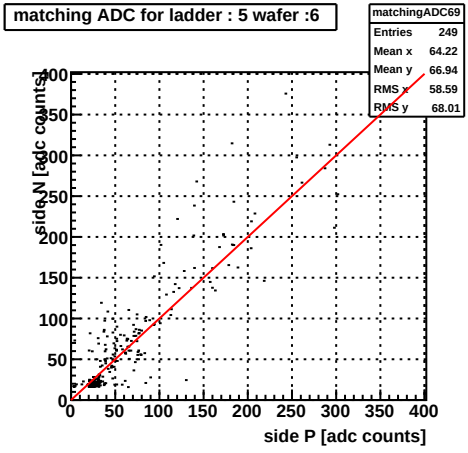

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 100
Mean x 87.79
Mean y 70.26
RMS x 76.79
RMS y 66.66
side N [adc counts]
side P [adc counts]

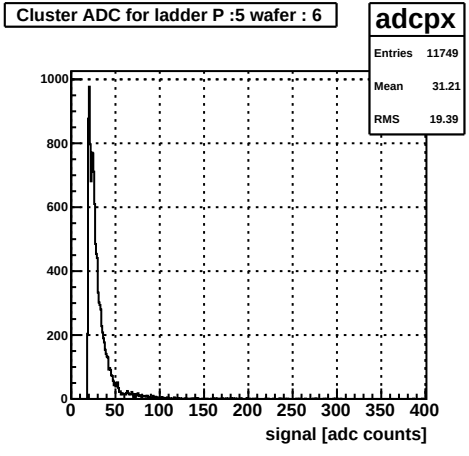

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 24164
Mean 35.74
RMS 24.86
signal [adc counts]

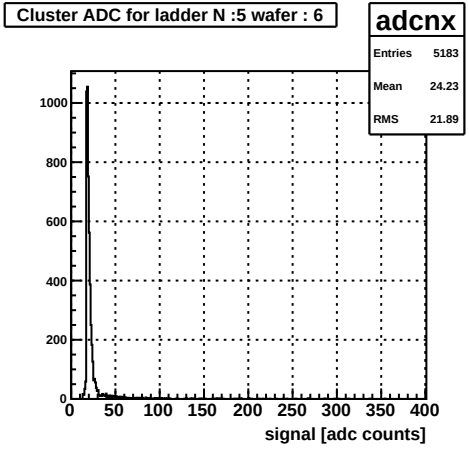

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 992
Mean 49.45
RMS 54.39
signal [adc counts]

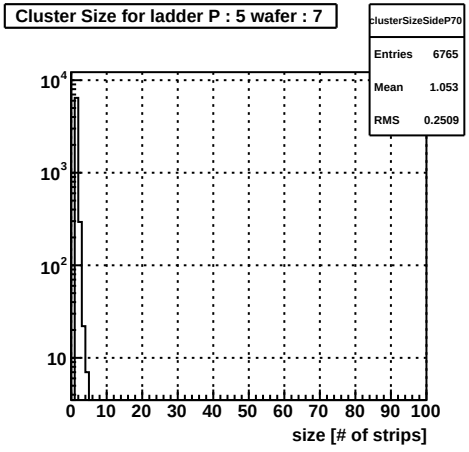

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11749
Mean 1.051
RMS 0.2474
size [# of strips]

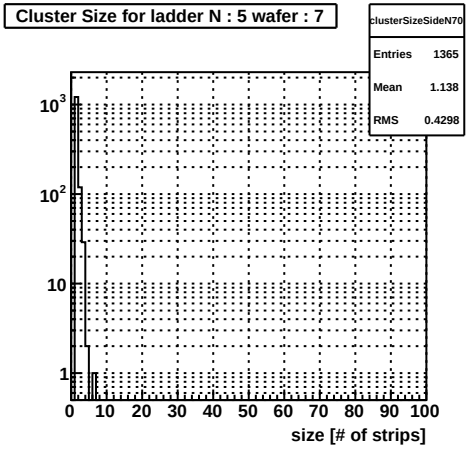

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5183
Mean 1.083
RMS 0.3627
size [# of strips]

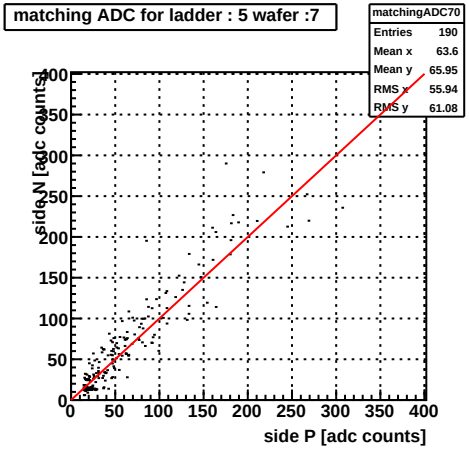

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 249
Mean x 64.22
Mean y 66.94
RMS x 58.59
RMS y 68.01
side N [adc counts]
side P [adc counts]

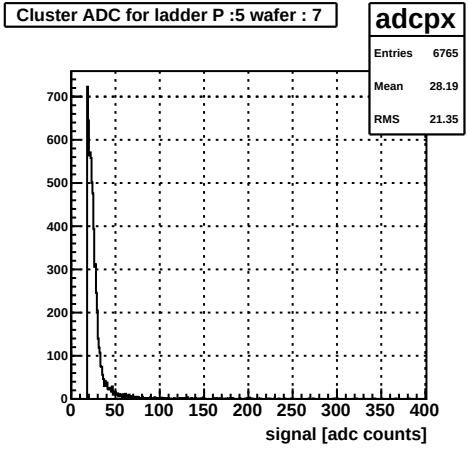

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11749
Mean 31.21
RMS 19.39
signal [adc counts]

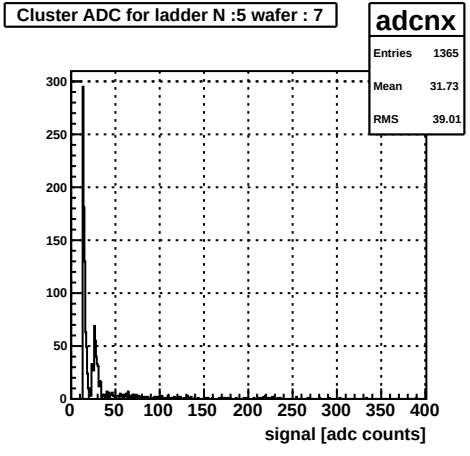

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5183
Mean 24.23
RMS 21.89
signal [adc counts]

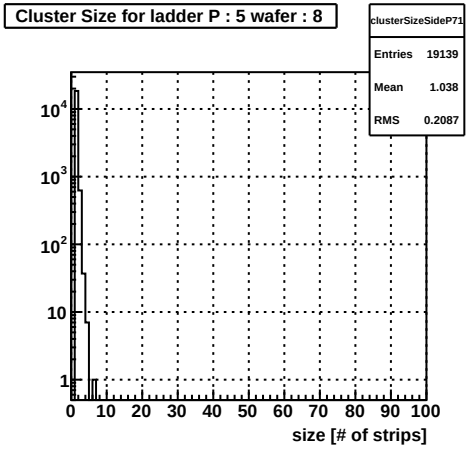

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6765
Mean 1.053
RMS 0.2509
size [# of strips]

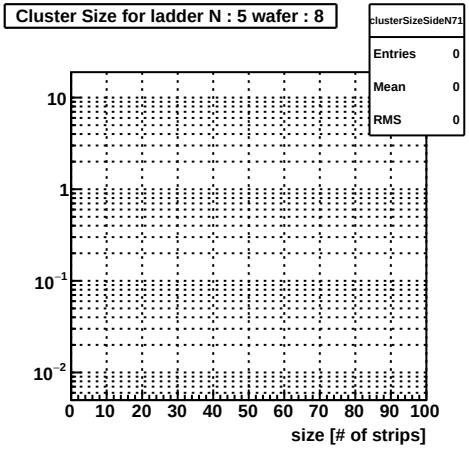

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1365
Mean 1.138
RMS 0.4298
size [# of strips]

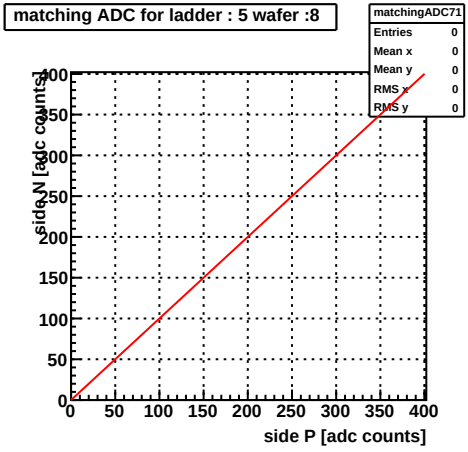

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 190
Mean x 63.6
Mean y 65.95
RMS x 55.94
RMS y 61.08
side N [adc counts]
side P [adc counts]

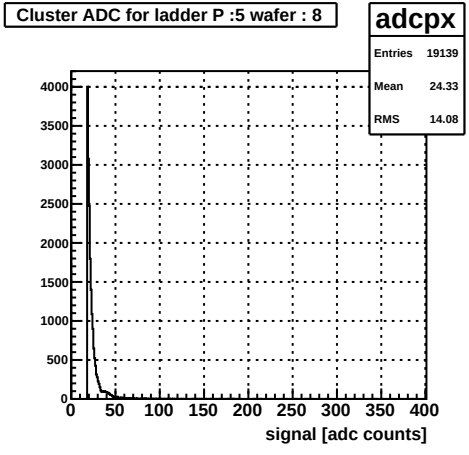

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6765
Mean 28.19
RMS 21.35
signal [adc counts]

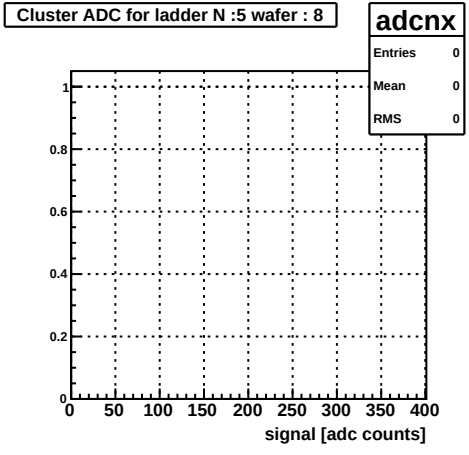

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1365
Mean 31.73
RMS 39.01
signal [adc counts]

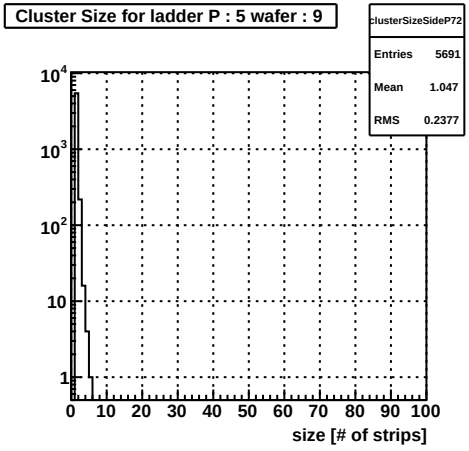

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 19139
Mean 1.038
RMS 0.2087
size [# of strips]

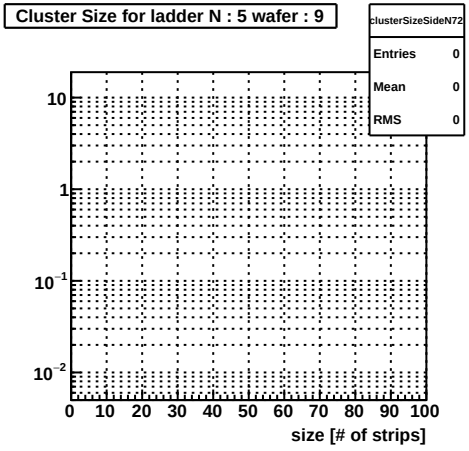

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

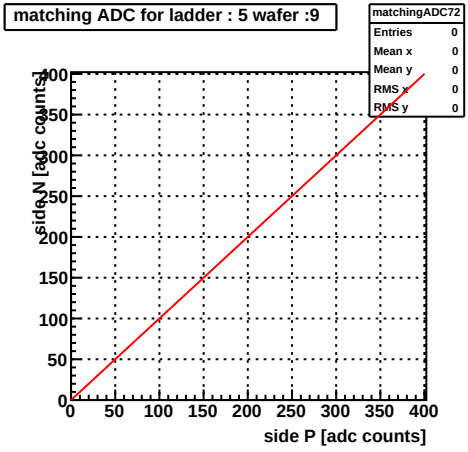

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

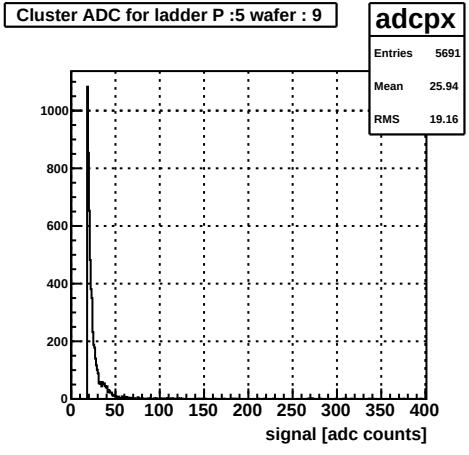

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 19139
Mean 24.33
RMS 14.08
signal [adc counts]

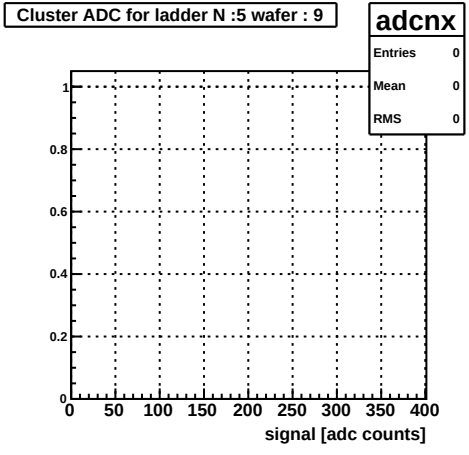

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

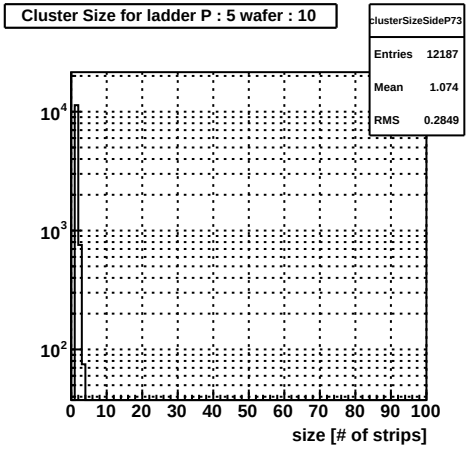

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5691
Mean 1.047
RMS 0.2377
size [# of strips]

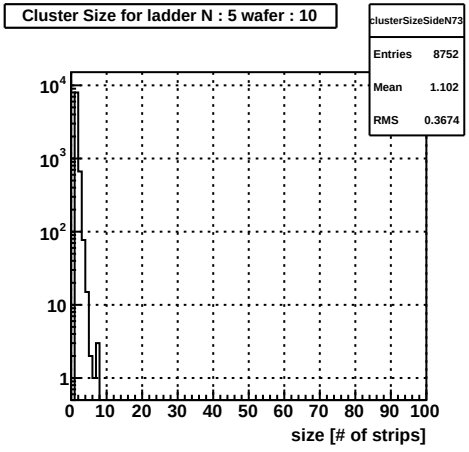

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

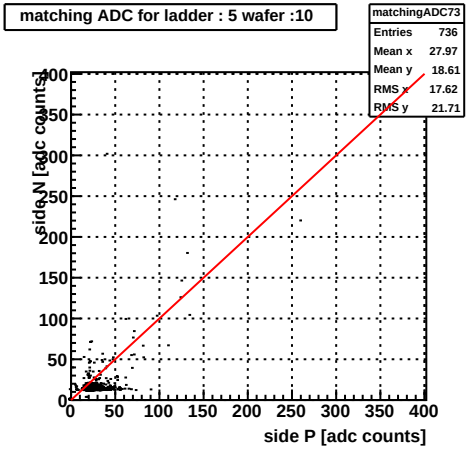

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

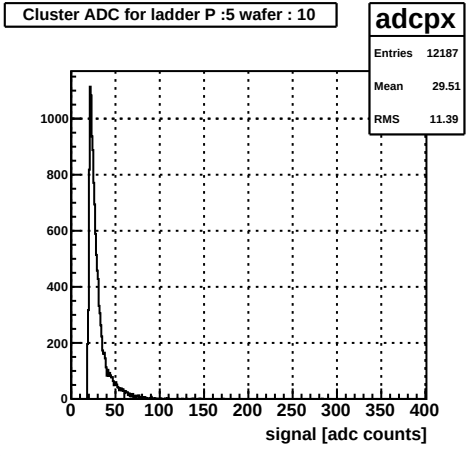

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5691
Mean 25.94
RMS 19.16
signal [adc counts]

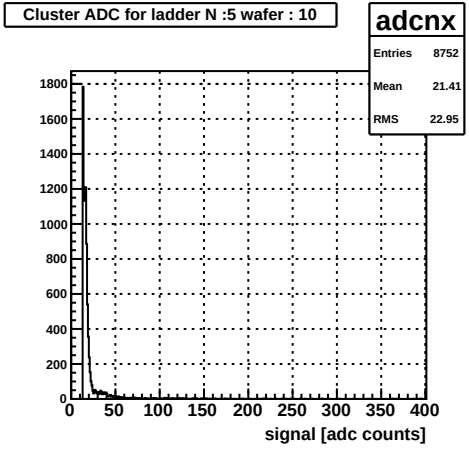

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

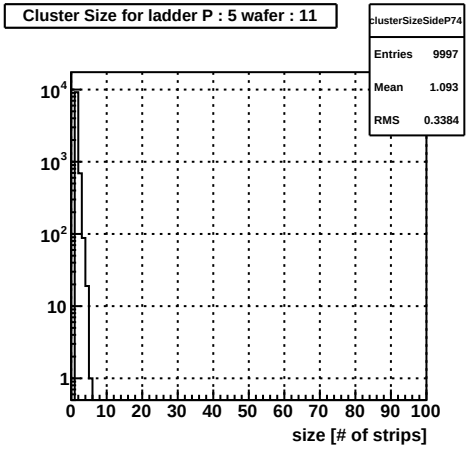

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 12187
Mean 1.074
RMS 0.2849
size [# of strips]

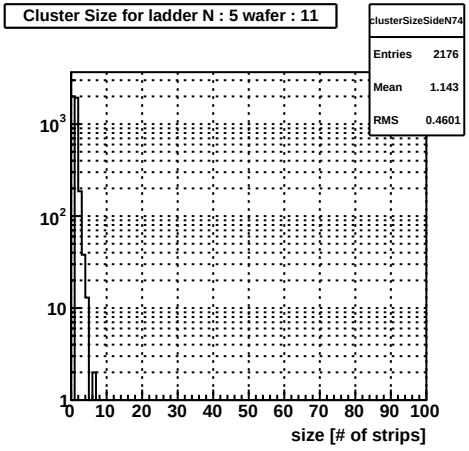

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 8752
Mean 1.102
RMS 0.3674
size [# of strips]

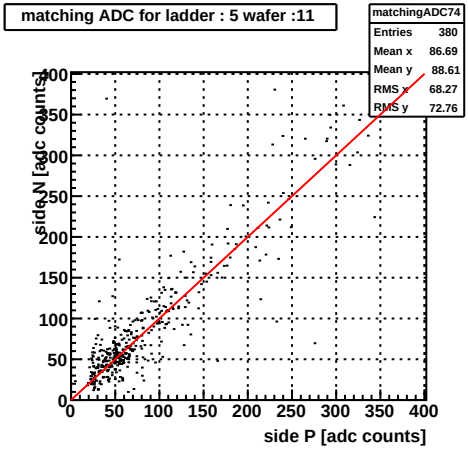

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 736
Mean x 27.97
Mean y 18.61
RMS x 17.62
RMS y 21.71
side N [adc counts]
side P [adc counts]

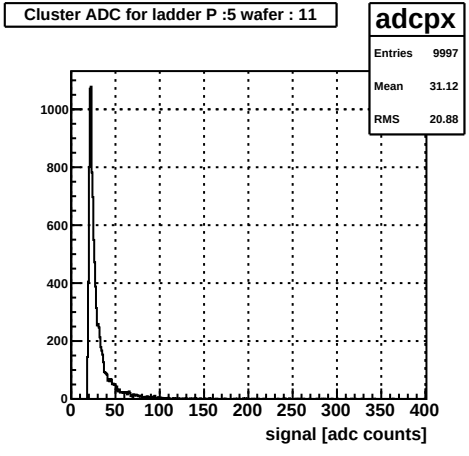

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 12187
Mean 29.51
RMS 11.39
signal [adc counts]

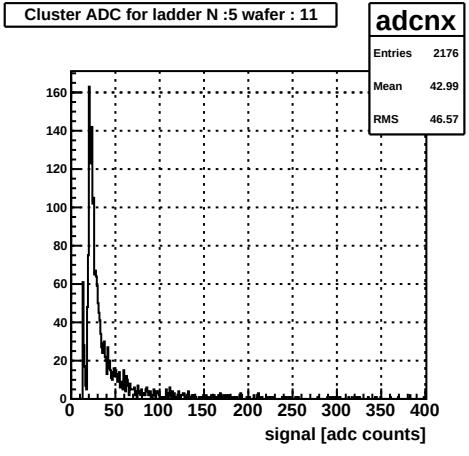

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 8752
Mean 21.41
RMS 22.95
signal [adc counts]

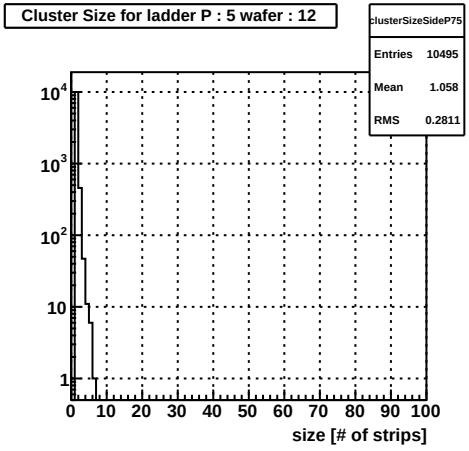

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9997
Mean 1.093
RMS 0.3384
size [# of strips]

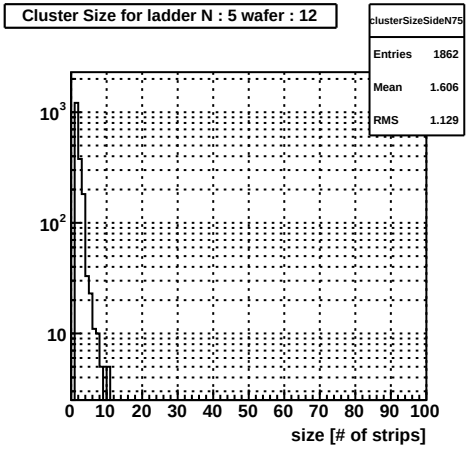

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2176
Mean 1.143
RMS 0.4601
size [# of strips]

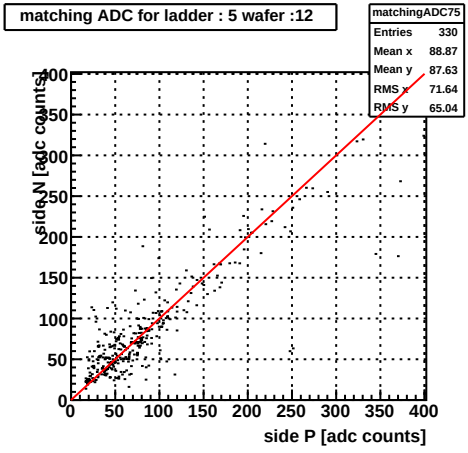

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 380
Mean x 86.69
Mean y 88.61
RMS x 68.27
RMS y 72.76
side N [adc counts]
side P [adc counts]

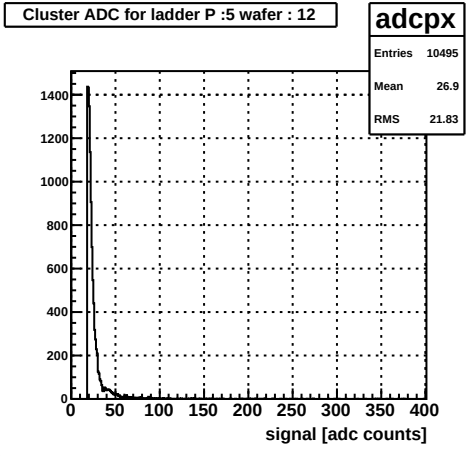

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9997
Mean 31.12
RMS 20.88
signal [adc counts]

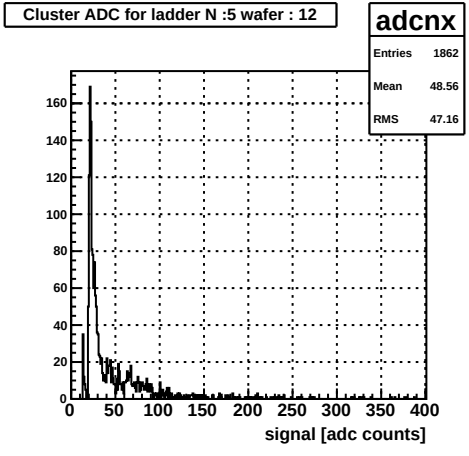

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2176
Mean 42.99
RMS 46.57
signal [adc counts]

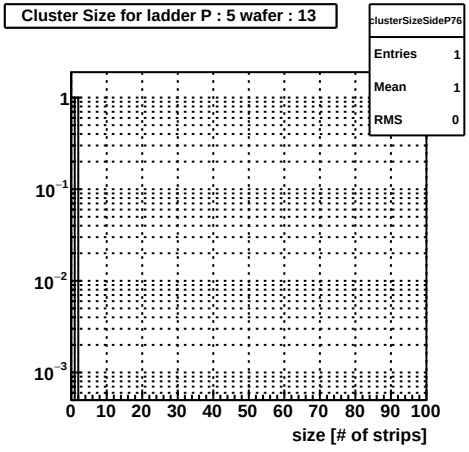

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10495
Mean 1.058
RMS 0.2811
size [# of strips]

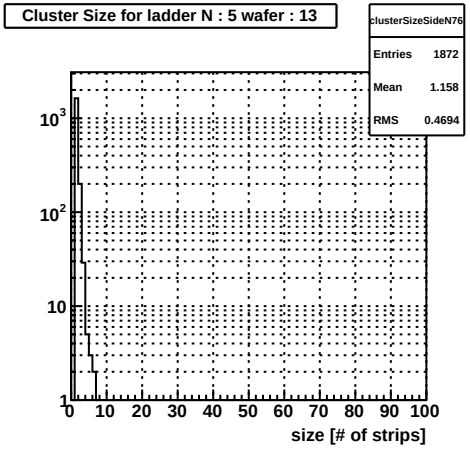

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1862
Mean 1.606
RMS 1.129
size [# of strips]

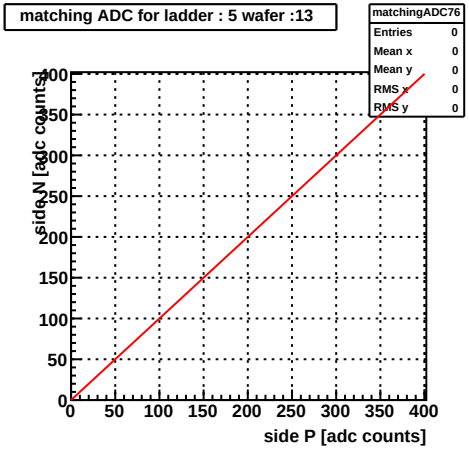

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 330
Mean x 88.87
Mean y 87.63
RMS x 71.64
RMS y 65.04
side N [adc counts]
side P [adc counts]

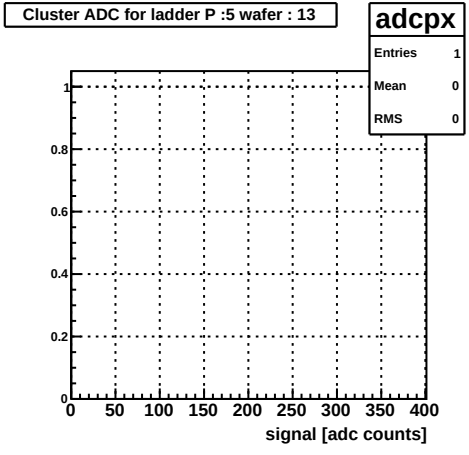

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10495
Mean 26.9
RMS 21.83
signal [adc counts]

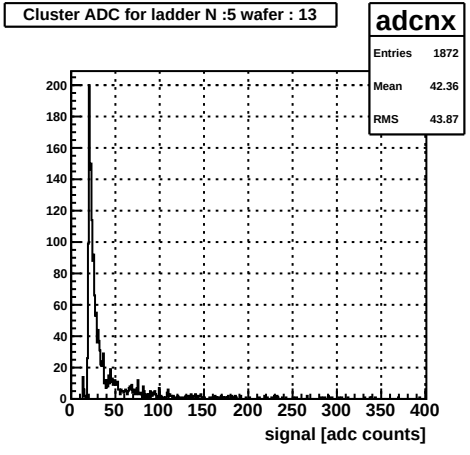

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1862
Mean 48.56
RMS 47.16
signal [adc counts]

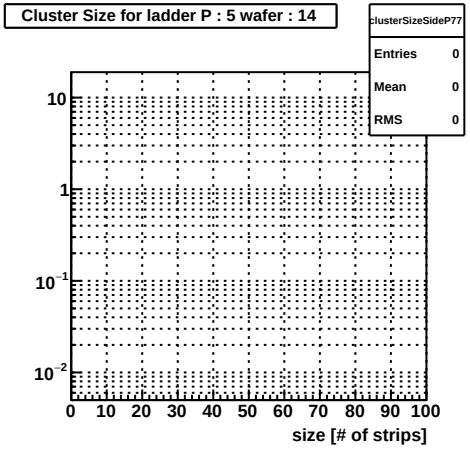

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

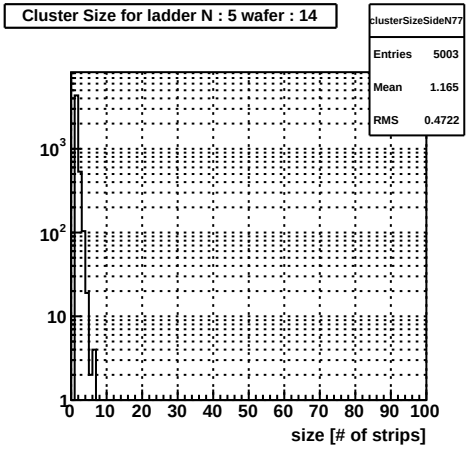

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1872
Mean 1.158
RMS 0.4694
size [# of strips]

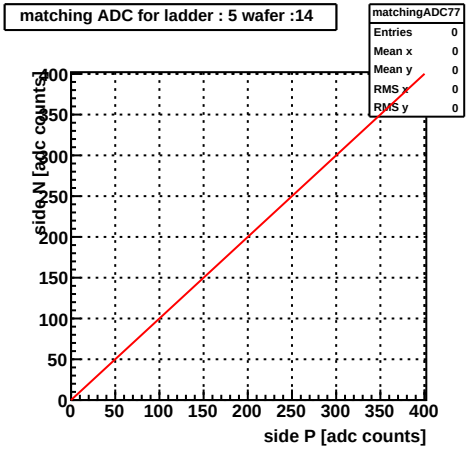

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

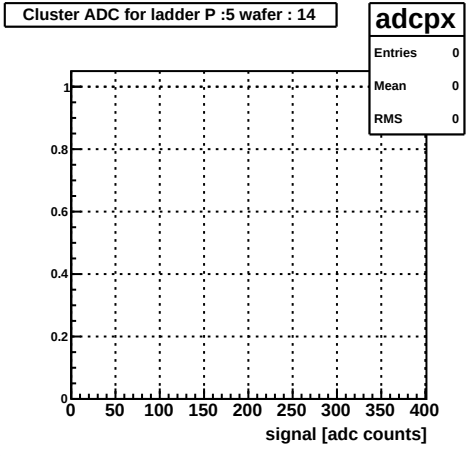

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

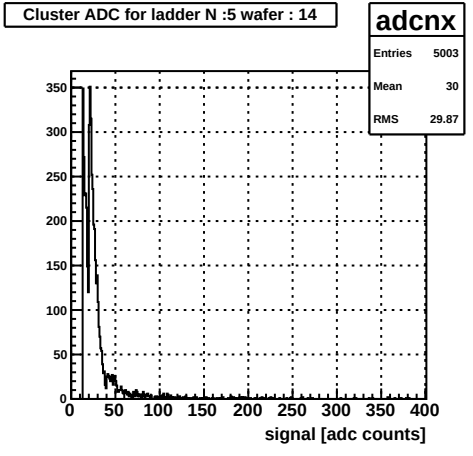

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1872
Mean 42.36
RMS 43.87
signal [adc counts]

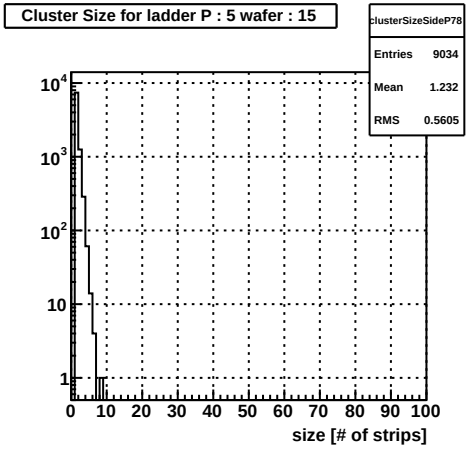

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

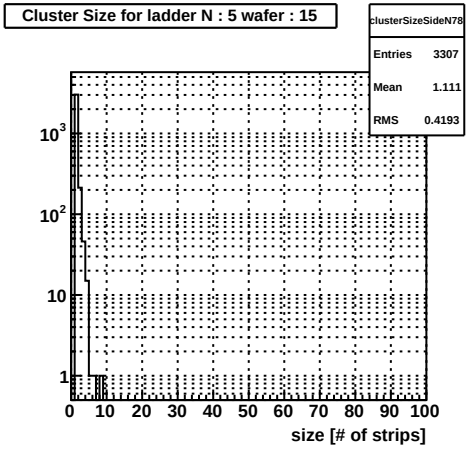

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5003
Mean 1.165
RMS 0.4722
size [# of strips]

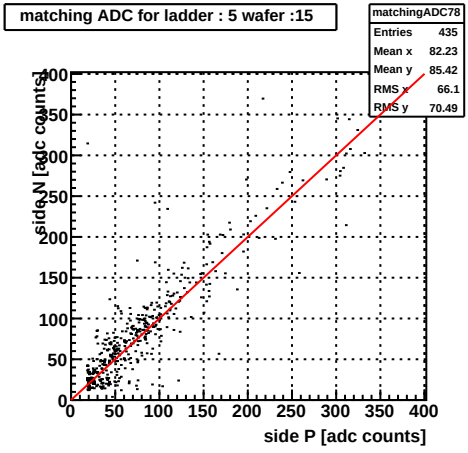

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

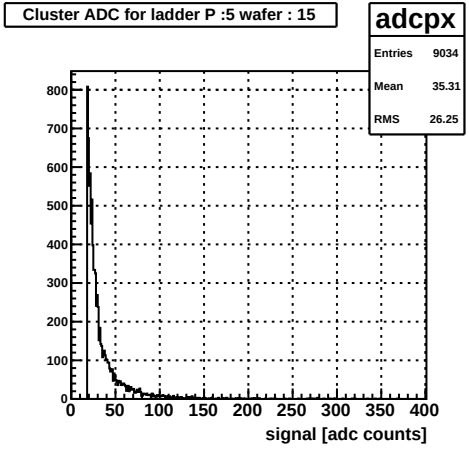

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

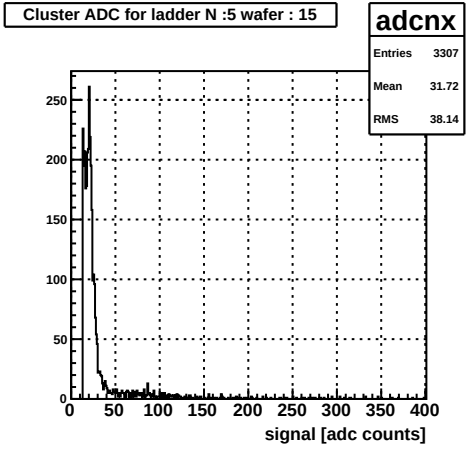

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5003
Mean 30
RMS 29.87
signal [adc counts]

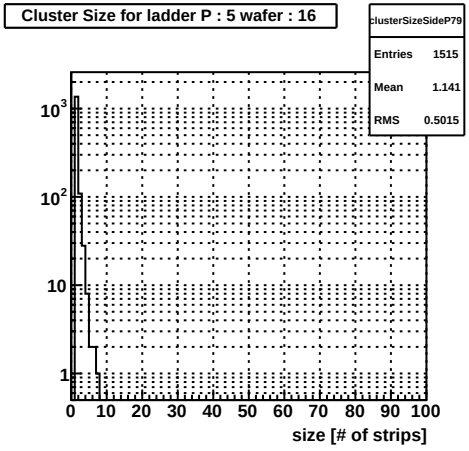

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 9034
Mean 1.232
RMS 0.5605
size [# of strips]

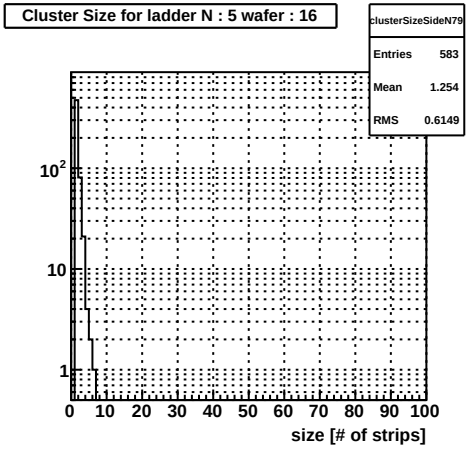

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3307
Mean 1.111
RMS 0.4193
size [# of strips]

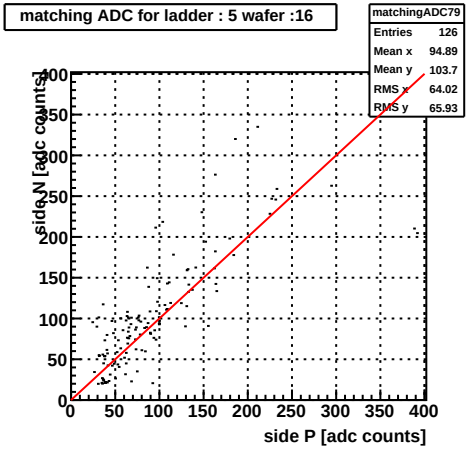

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 435
Mean x 82.23
Mean y 85.42
RMS x 66.1
RMS y 70.49
side N [adc counts]
side P [adc counts]

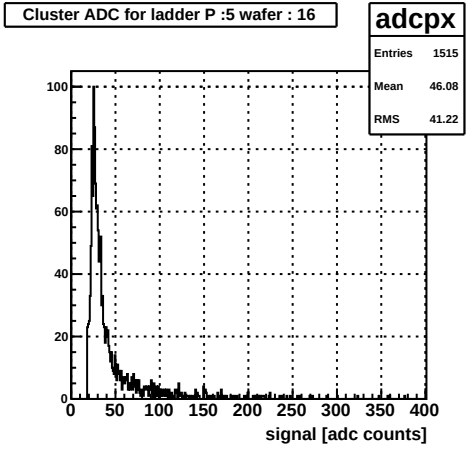

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 9034
Mean 35.31
RMS 26.25
signal [adc counts]

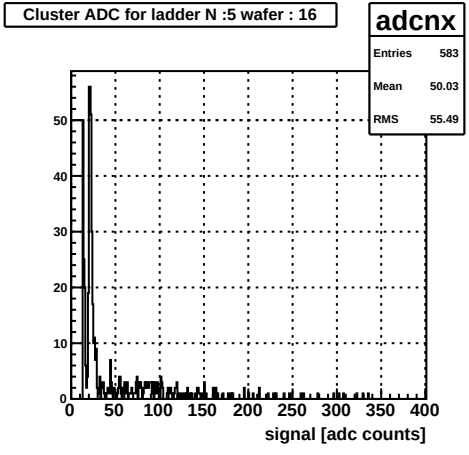

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3307
Mean 31.72
RMS 38.14
signal [adc counts]

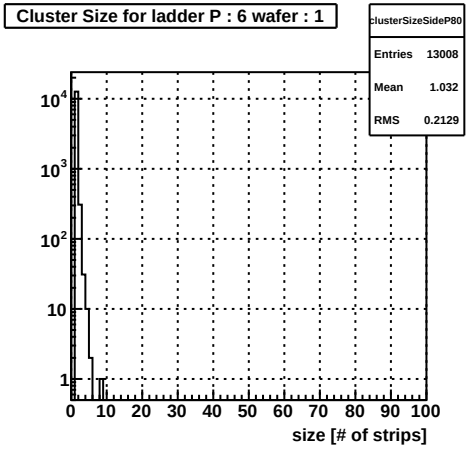

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1515
Mean 1.141
RMS 0.5015
size [# of strips]

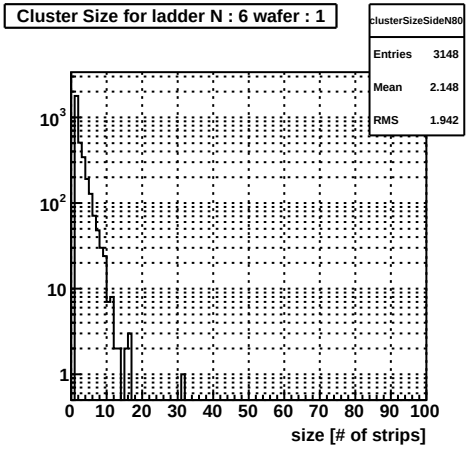

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 583
Mean 1.254
RMS 0.6149
size [# of strips]

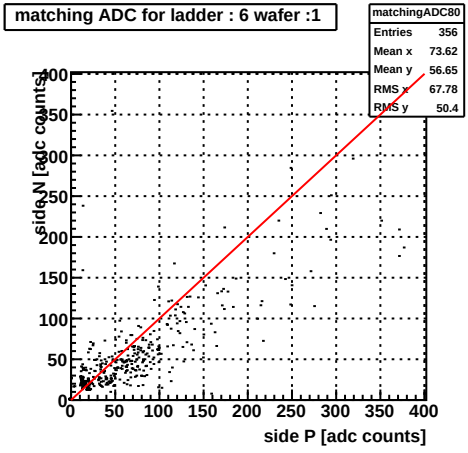

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 126
Mean x 94.89
Mean y 103.7
RMS x 64.02
RMS y 65.93
side N [adc counts]
side P [adc counts]

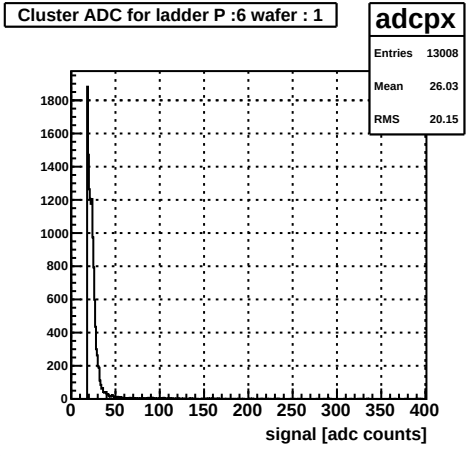

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1515
Mean 46.08
RMS 41.22
signal [adc counts]

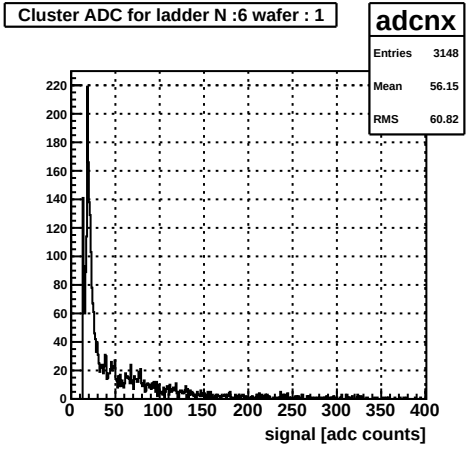

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 583
Mean 50.03
RMS 55.49
signal [adc counts]

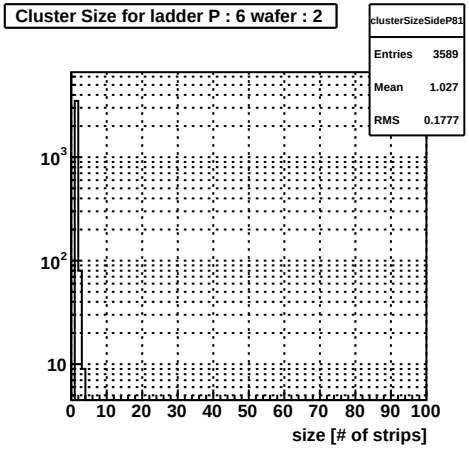

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 13008
Mean 1.032
RMS 0.2129
size [# of strips]

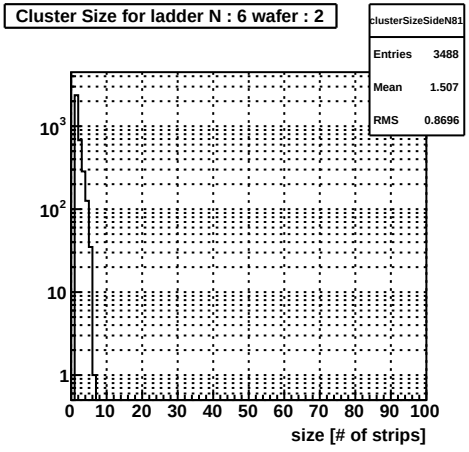

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3148
Mean 2.148
RMS 1.942
size [# of strips]

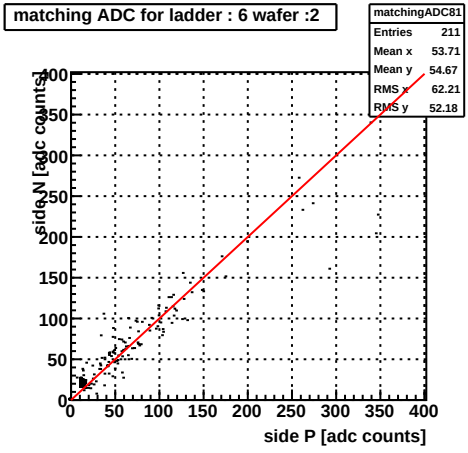

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 356
Mean x 73.62
Mean y 56.65
RMS x 67.78
RMS y 50.4
side N [adc counts]
side P [adc counts]

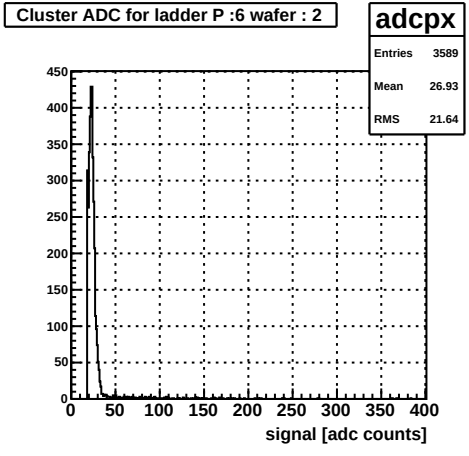

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 13008
Mean 26.03
RMS 20.15
signal [adc counts]

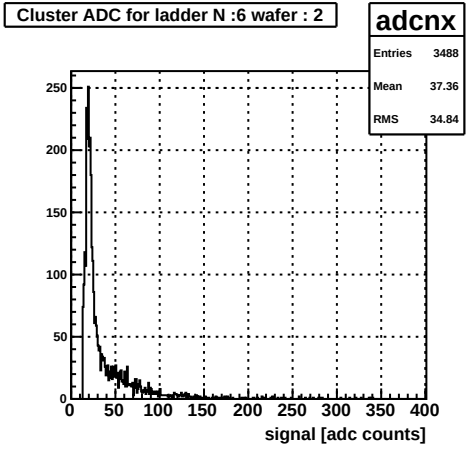

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3148
Mean 56.15
RMS 60.82
signal [adc counts]

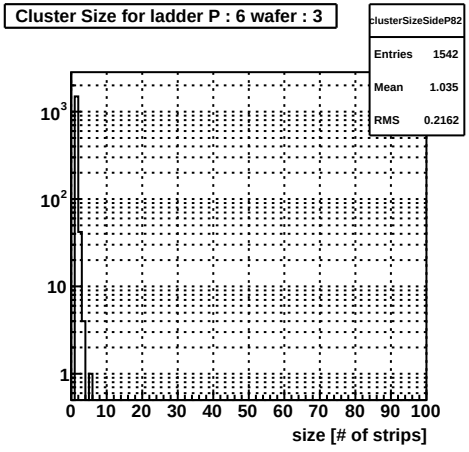

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3589
Mean 1.027
RMS 0.1777
size [# of strips]

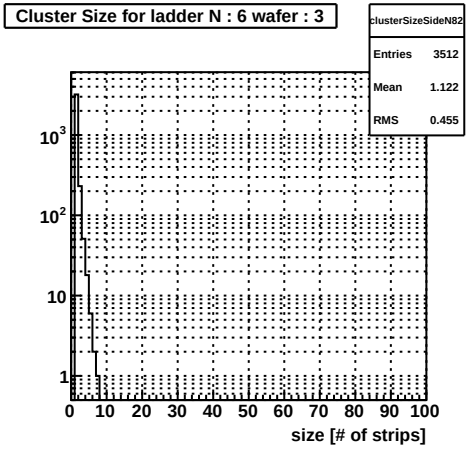

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3488
Mean 1.507
RMS 0.8696
size [# of strips]

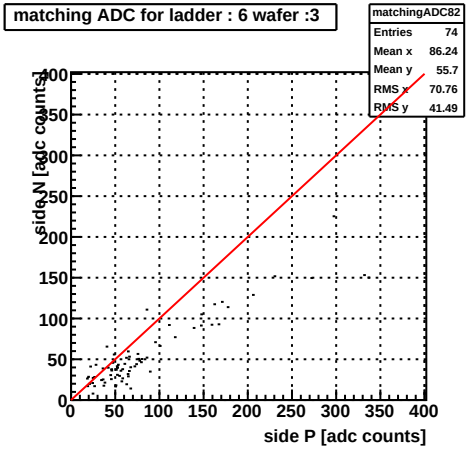

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 211
Mean x 53.71
Mean y 54.67
RMS x 62.21
RMS y 52.18
side N [adc counts]
side P [adc counts]

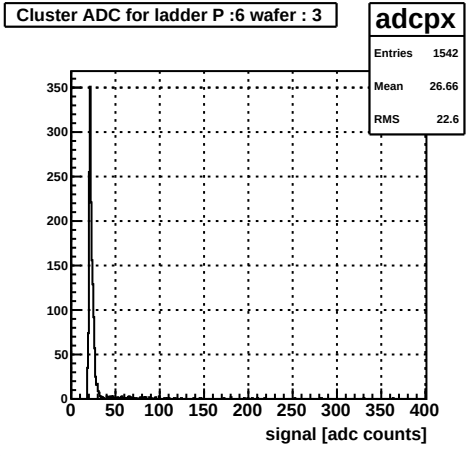

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3589
Mean 26.93
RMS 21.64
signal [adc counts]

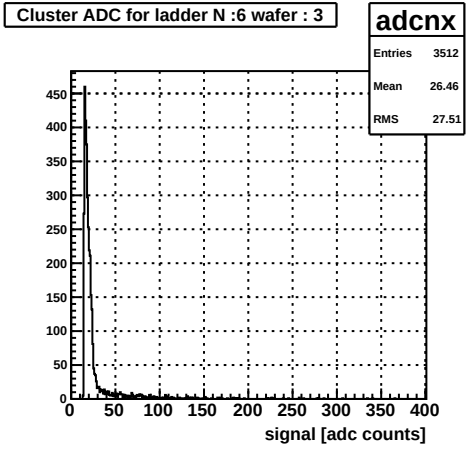

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3488
Mean 37.36
RMS 34.84
signal [adc counts]

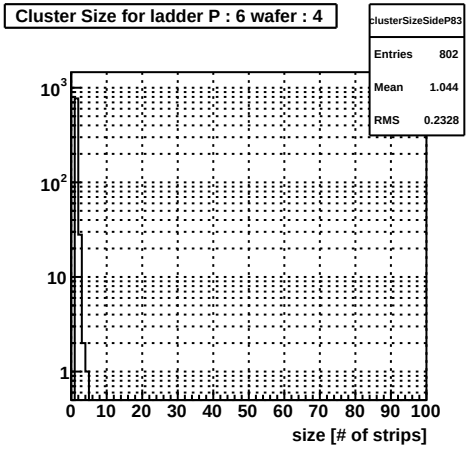

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1542
Mean 1.035
RMS 0.2162
size [# of strips]

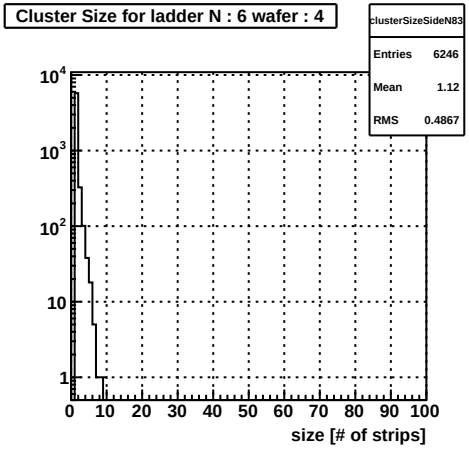

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3512
Mean 1.122
RMS 0.455
size [# of strips]

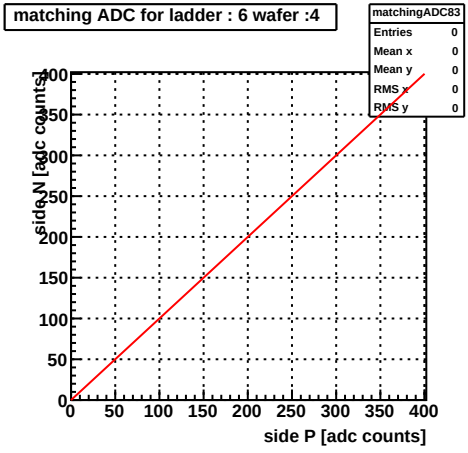

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 74
Mean x 86.24
Mean y 55.7
RMS x 70.76
RMS y 41.49
side N [adc counts]
side P [adc counts]

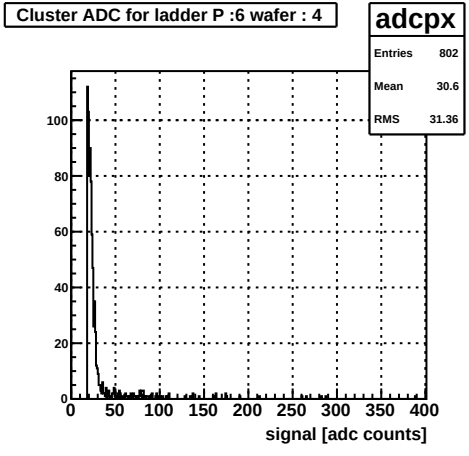

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1542
Mean 26.66
RMS 22.6
signal [adc counts]

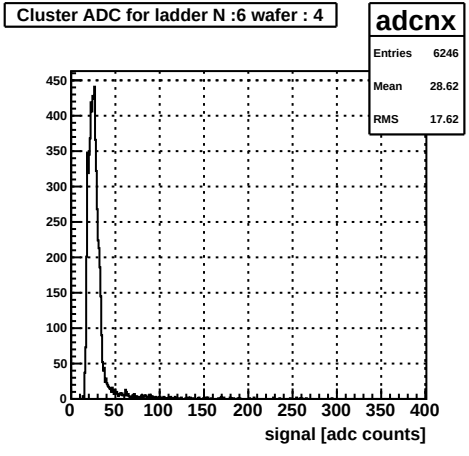

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3512
Mean 26.46
RMS 27.51
signal [adc counts]

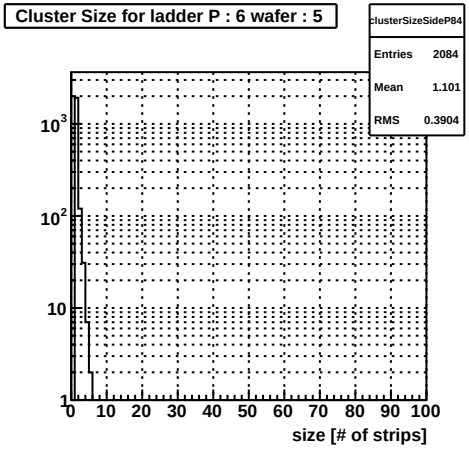

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 802
Mean 1.044
RMS 0.2328
size [# of strips]

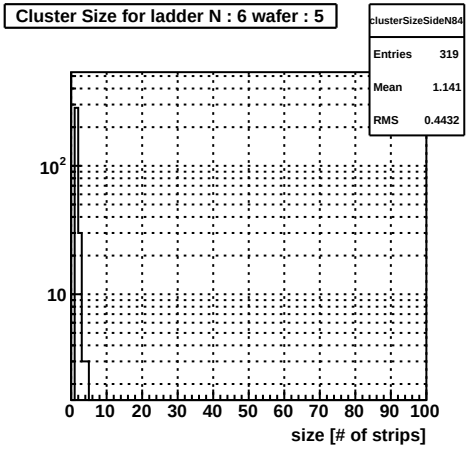

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6246
Mean 1.12
RMS 0.4867
size [# of strips]

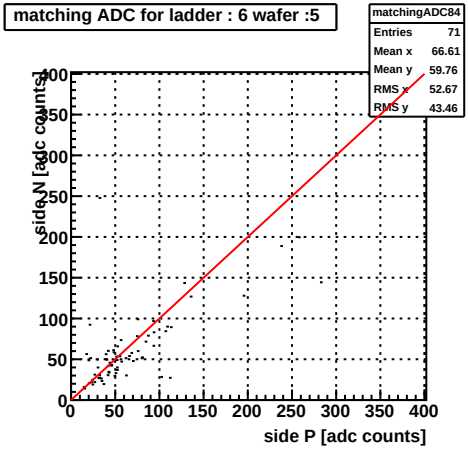

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

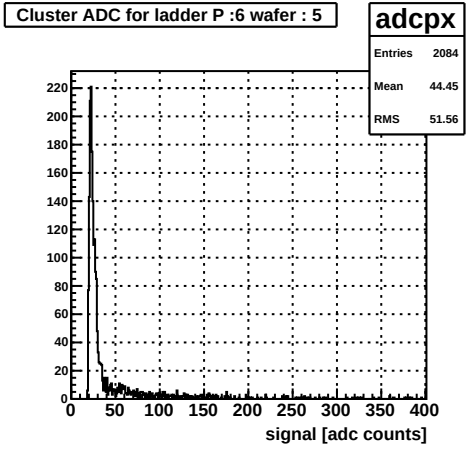

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 802
Mean 30.6
RMS 31.36
signal [adc counts]

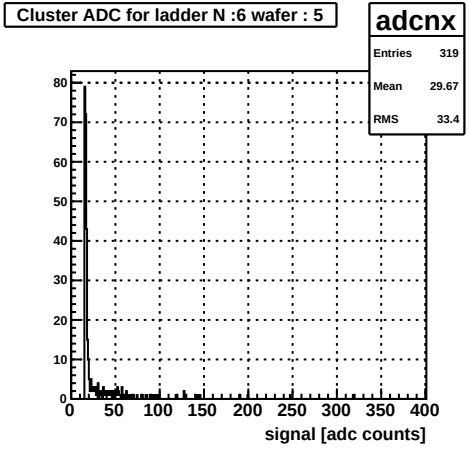

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6246
Mean 28.62
RMS 17.62
signal [adc counts]

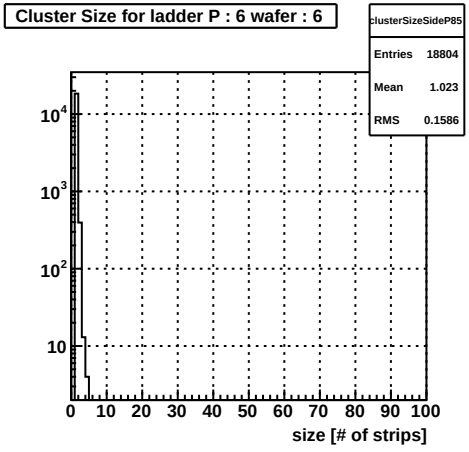

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2084
Mean 1.101
RMS 0.3904
size [# of strips]

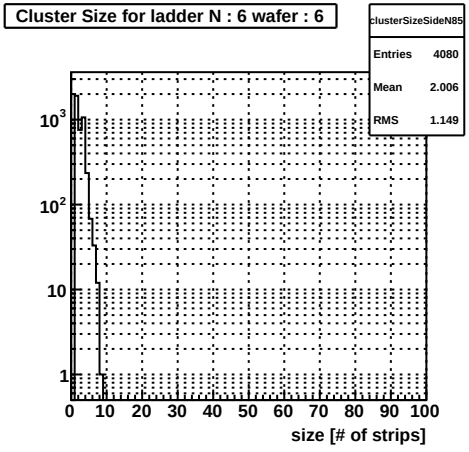

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 319
Mean 1.141
RMS 0.4432
size [# of strips]

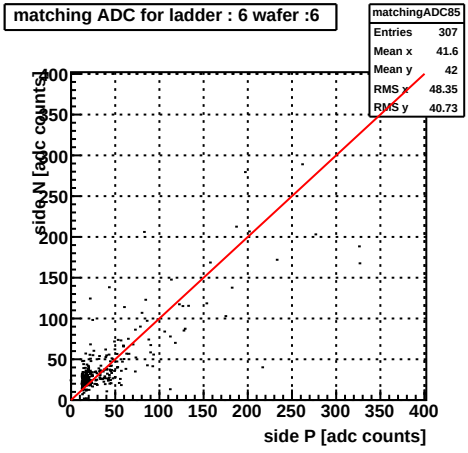

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 71
Mean x 66.61
Mean y 59.76
RMS x 52.67
RMS y 43.46
side N [adc counts]
side P [adc counts]

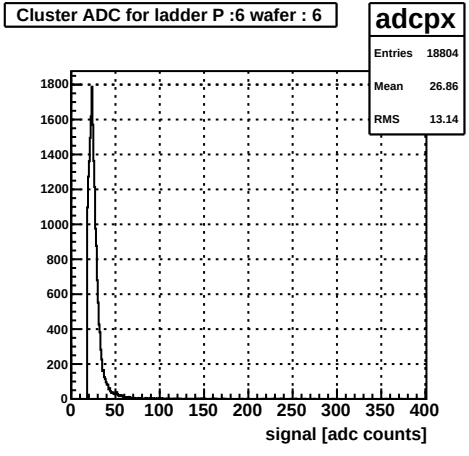

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2084
Mean 44.45
RMS 51.56
signal [adc counts]

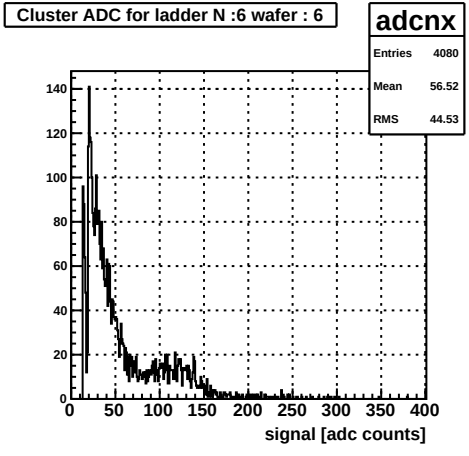

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 319
Mean 29.67
RMS 33.4
signal [adc counts]

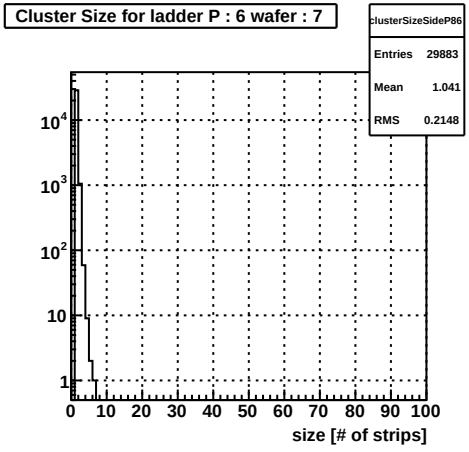

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 18804
Mean 1.023
RMS 0.1586
size [# of strips]

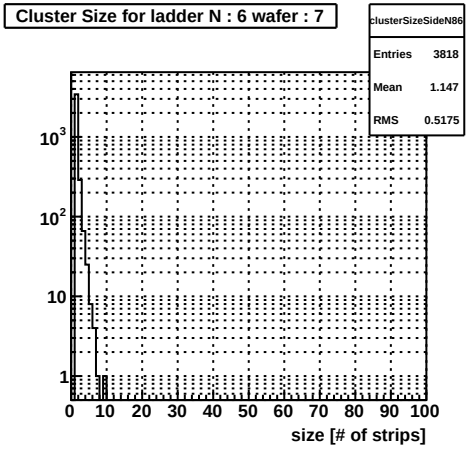

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4080
Mean 2.006
RMS 1.149
size [# of strips]

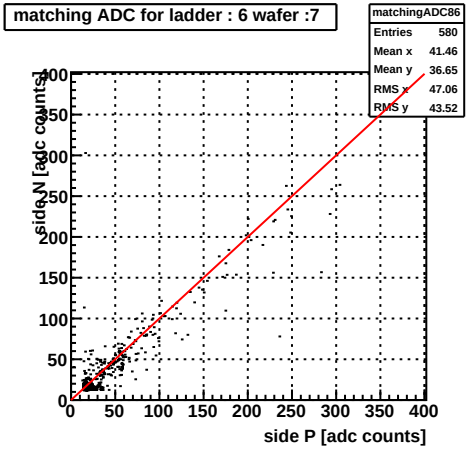

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 307
Mean x 41.6
Mean y 42
RMS x 48.35
RMS y 40.73
side N [adc counts]
side P [adc counts]

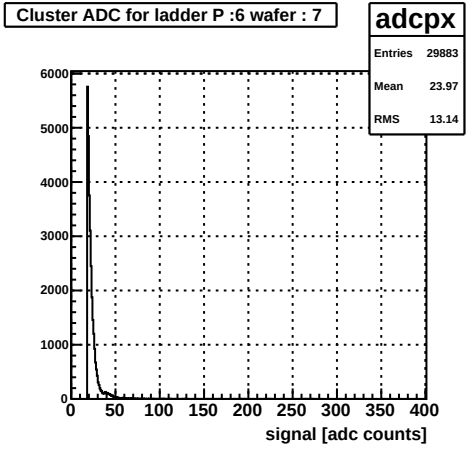

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 18804
Mean 26.86
RMS 13.14
signal [adc counts]

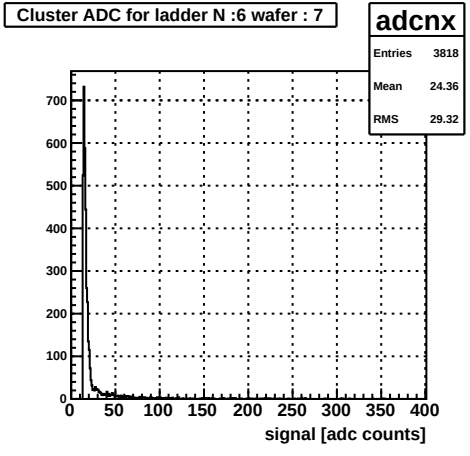

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4080
Mean 56.52
RMS 44.53
signal [adc counts]

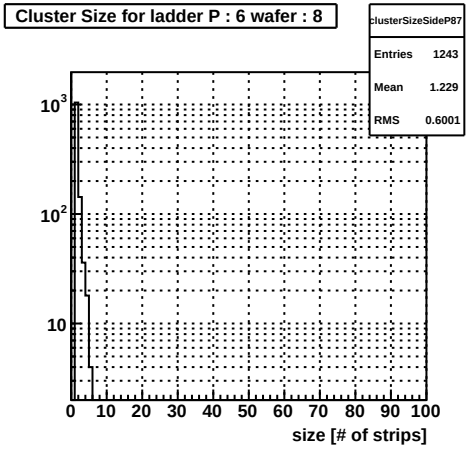

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 29883
Mean 1.041
RMS 0.2148
size [# of strips]

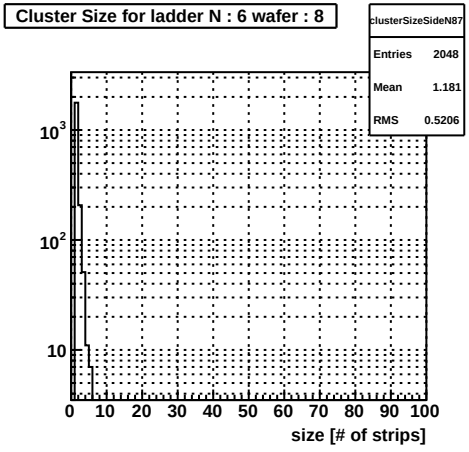

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3818
Mean 1.147
RMS 0.5175
size [# of strips]

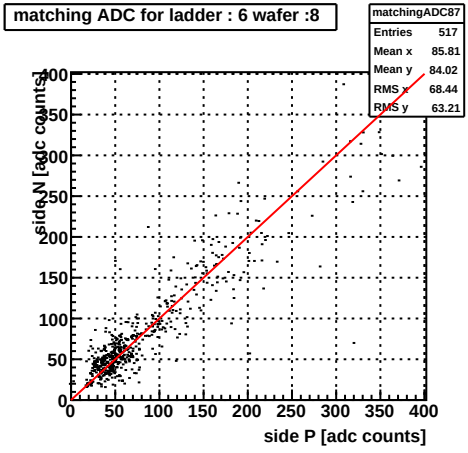

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 580
Mean x 41.46
Mean y 36.65
RMS x 47.06
RMS y 43.52
side N [adc counts]
side P [adc counts]

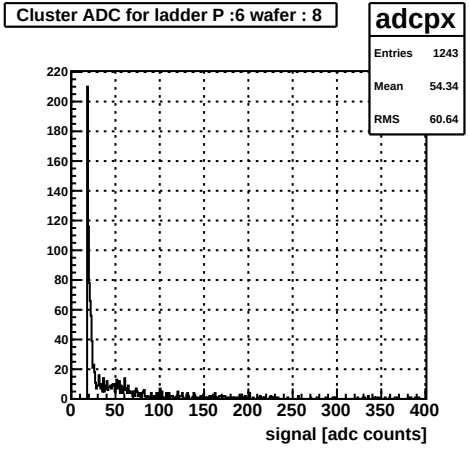

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 29883
Mean 23.97
RMS 13.14
signal [adc counts]

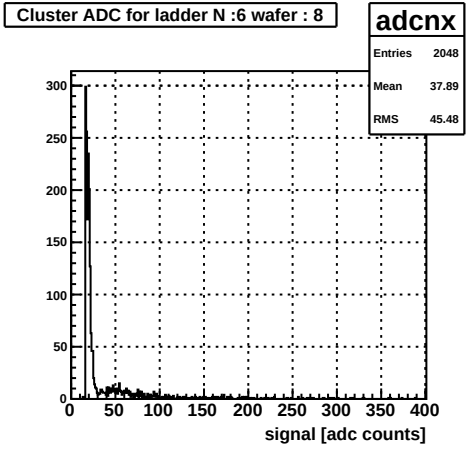

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3818
Mean 24.36
RMS 29.32
signal [adc counts]

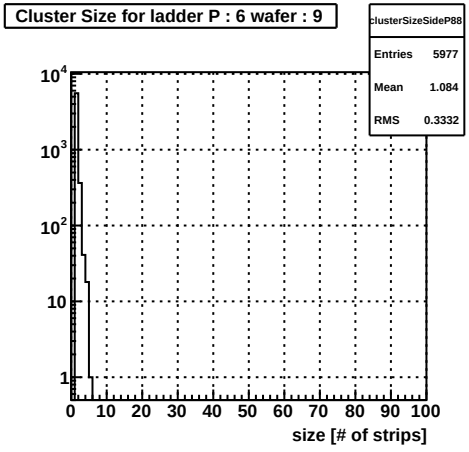

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1243
Mean 1.229
RMS 0.6001
size [# of strips]

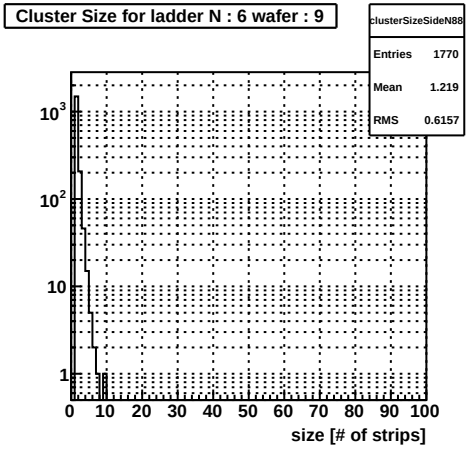

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2048
Mean 1.181
RMS 0.5206
size [# of strips]

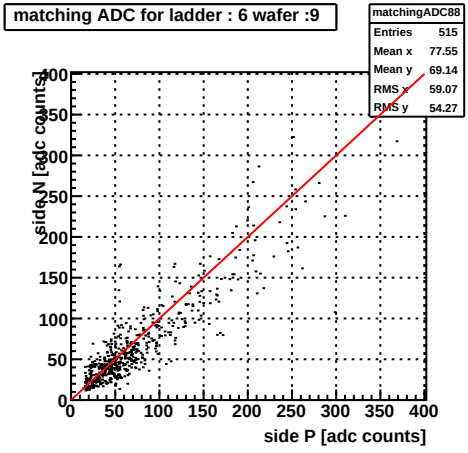

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 517
Mean x 85.81
Mean y 84.02
RMS x 68.44
RMS y 63.21
side N [adc counts]
side P [adc counts]

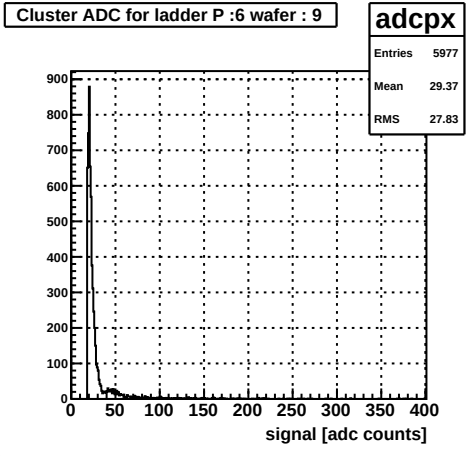

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1243
Mean 54.34
RMS 60.64
signal [adc counts]

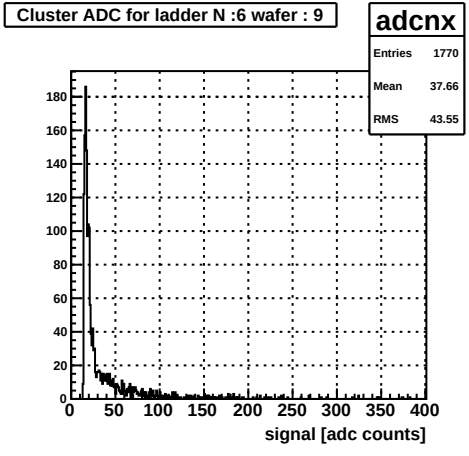

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2048
Mean 37.89
RMS 45.48
signal [adc counts]

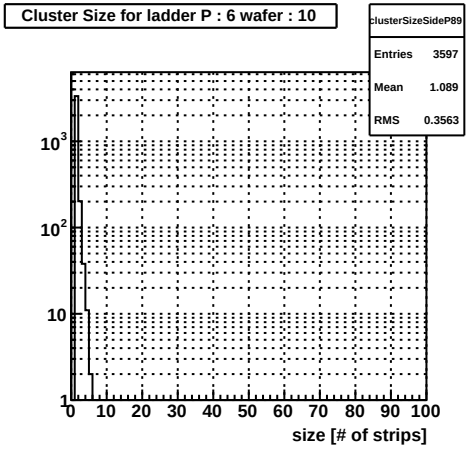

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5977
Mean 1.084
RMS 0.3332
size [# of strips]

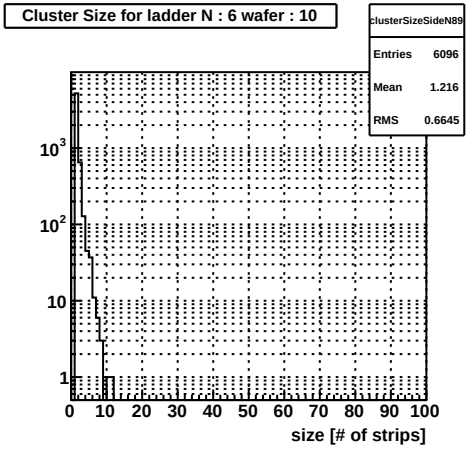

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1770
Mean 1.219
RMS 0.6157
size [# of strips]

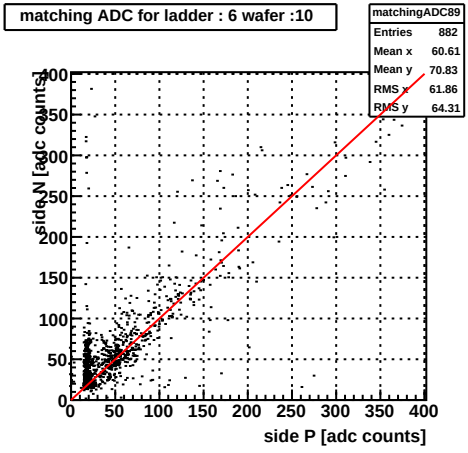

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 515
Mean x 77.55
Mean y 69.14
RMS x 59.07
RMS y 54.27
side N [adc counts]
side P [adc counts]

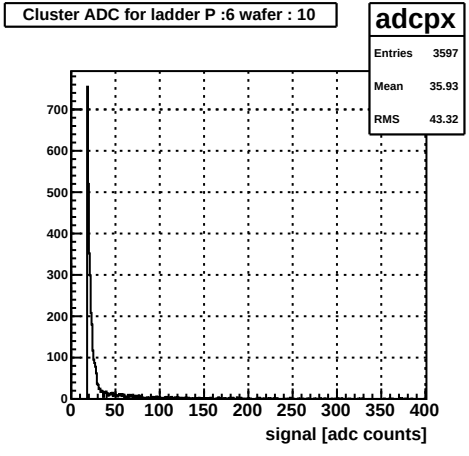

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5977
Mean 29.37
RMS 27.83
signal [adc counts]

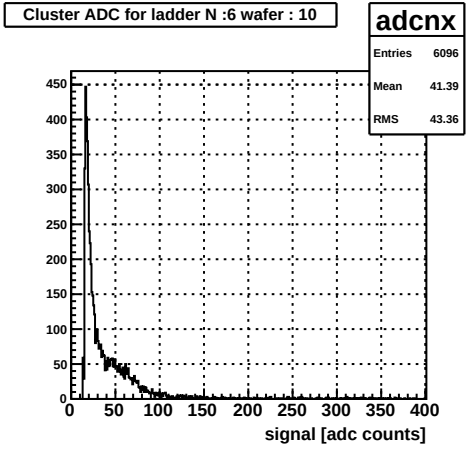

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1770
Mean 37.66
RMS 43.55
signal [adc counts]

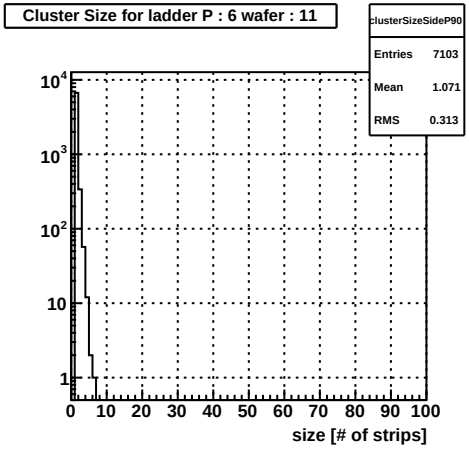

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3597
Mean 1.089
RMS 0.3563
size [# of strips]

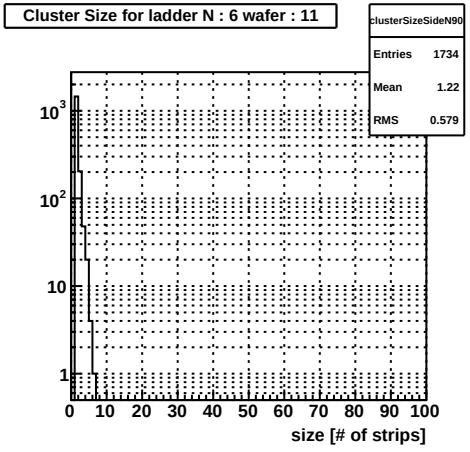

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6096
Mean 1.216
RMS 0.6645
size [# of strips]

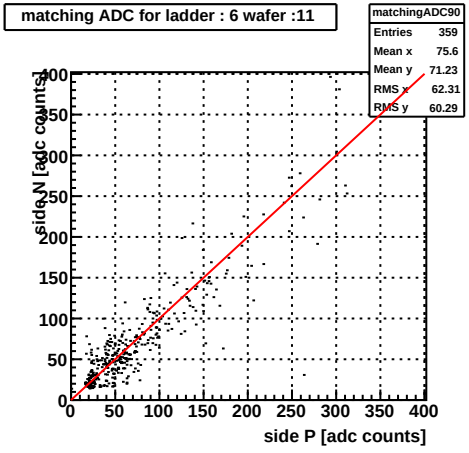

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 882
Mean x 60.61
Mean y 70.83
RMS x 61.86
RMS y 64.31
side N [adc counts]
side P [adc counts]

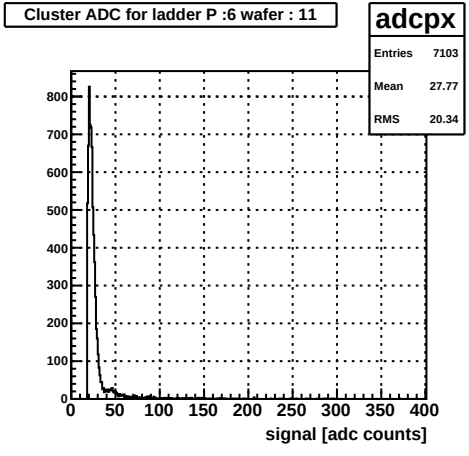

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3597
Mean 35.93
RMS 43.32
signal [adc counts]

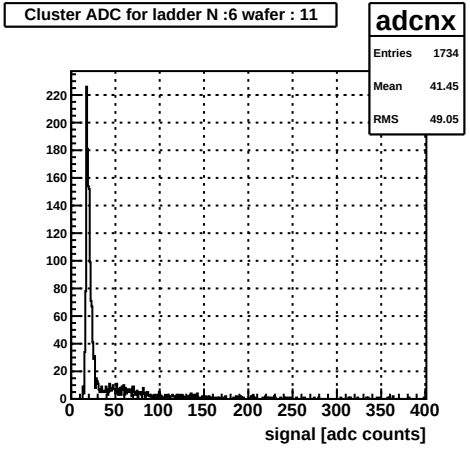

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6096
Mean 41.39
RMS 43.36
signal [adc counts]

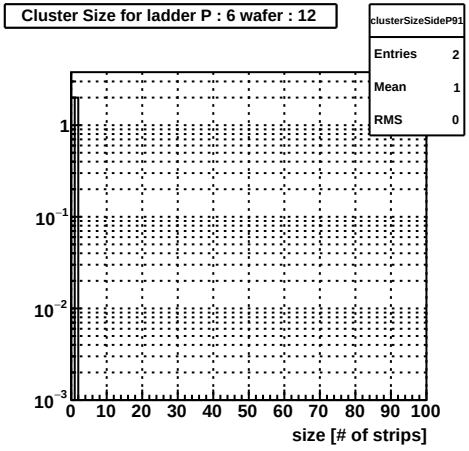

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7103
Mean 1.071
RMS 0.313
size [# of strips]

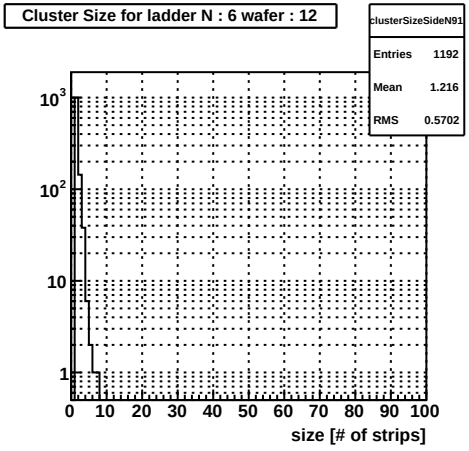

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1734
Mean 1.22
RMS 0.579
size [# of strips]

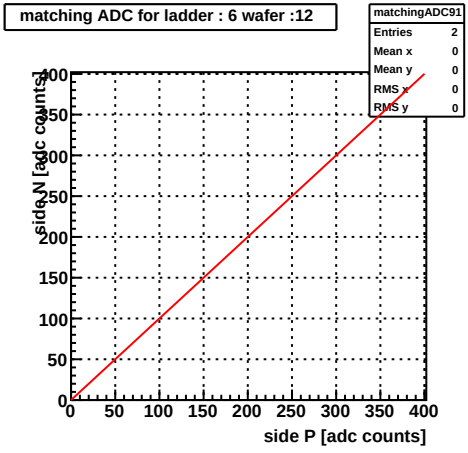

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 359
Mean x 75.6
Mean y 71.23
RMS x 62.31
RMS y 60.29
side N [adc counts]
side P [adc counts]

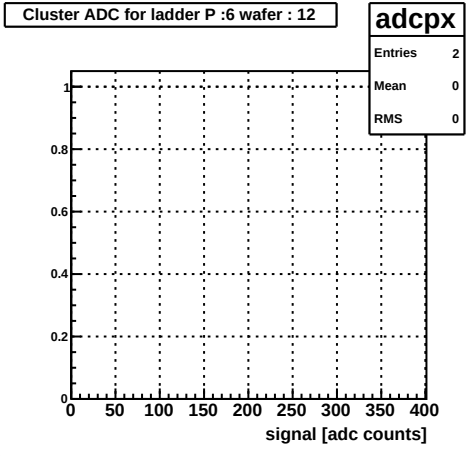

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7103
Mean 27.77
RMS 20.34
signal [adc counts]

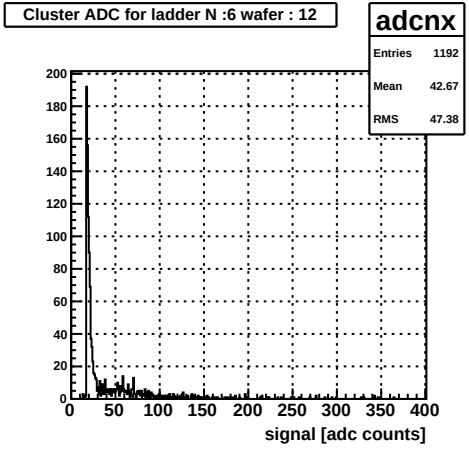

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1734
Mean 41.45
RMS 49.05
signal [adc counts]

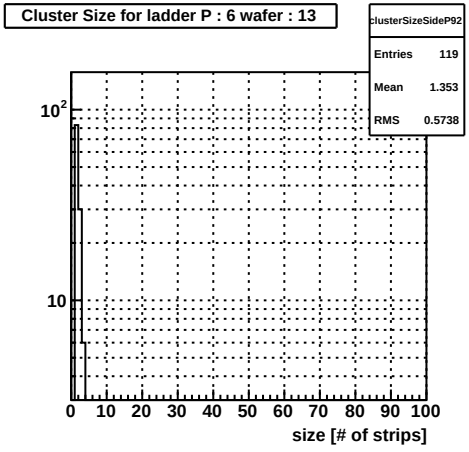

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

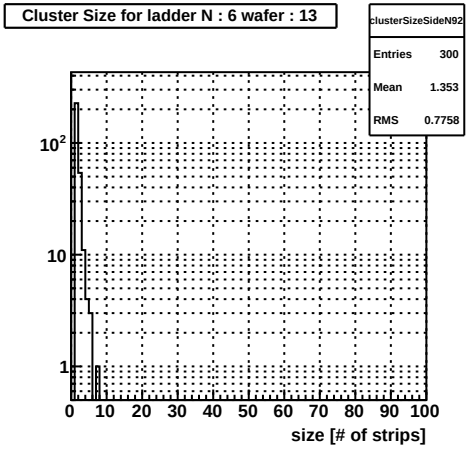

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1192
Mean 1.216
RMS 0.5702
size [# of strips]

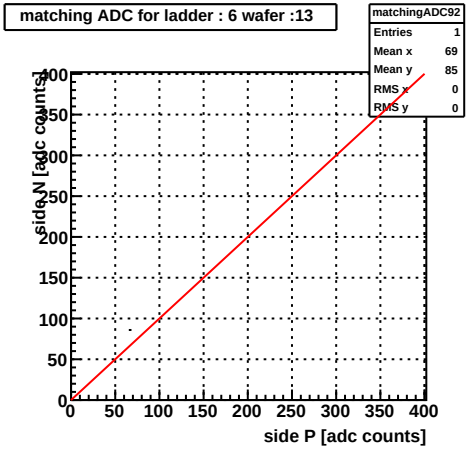

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

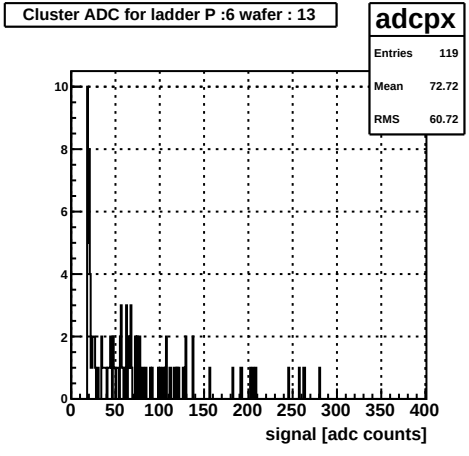

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

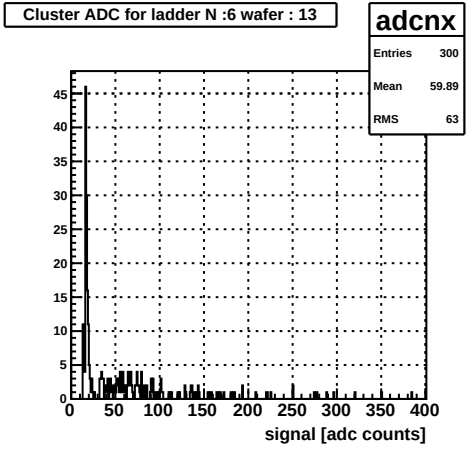

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1192
Mean 42.67
RMS 47.38
signal [adc counts]

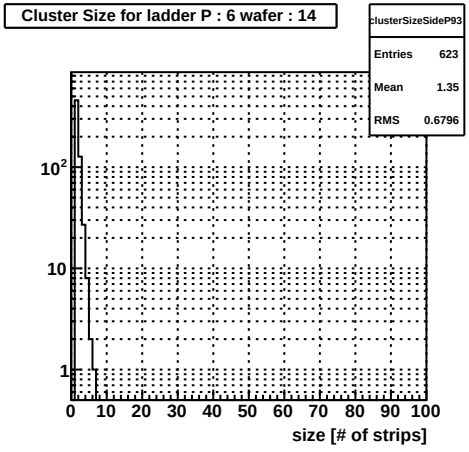

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 119
Mean 1.353
RMS 0.5738
size [# of strips]

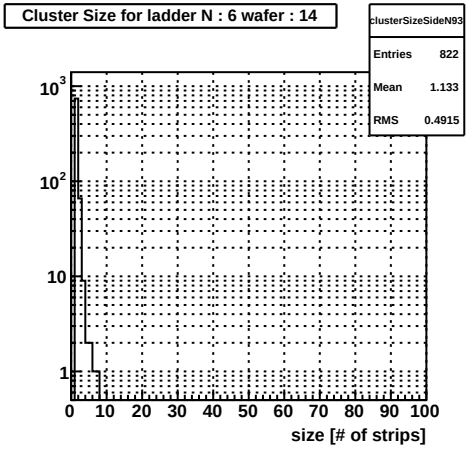

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 300
Mean 1.353
RMS 0.7758
size [# of strips]

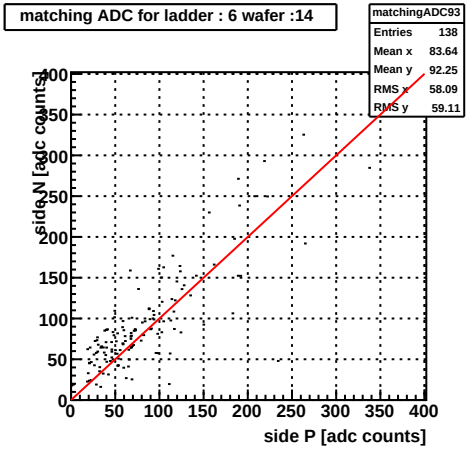

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 69
Mean y 85
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

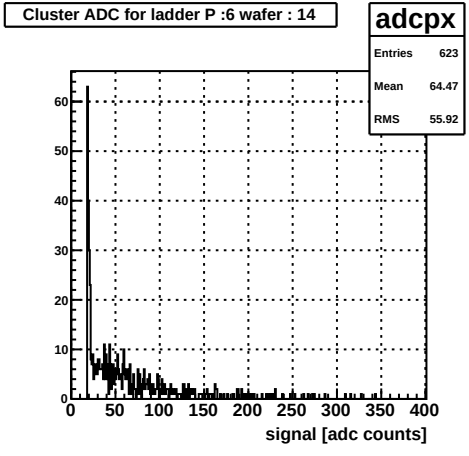

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 119
Mean 72.72
RMS 60.72
signal [adc counts]

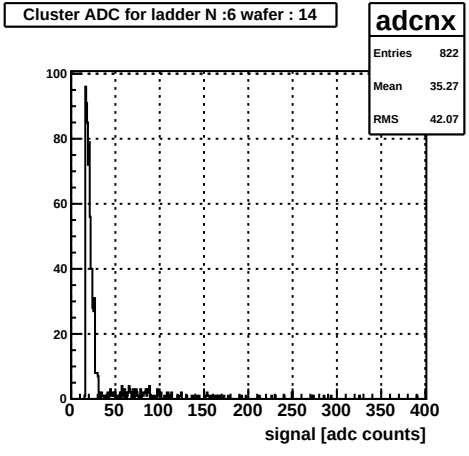

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 300
Mean 59.89
RMS 63
signal [adc counts]

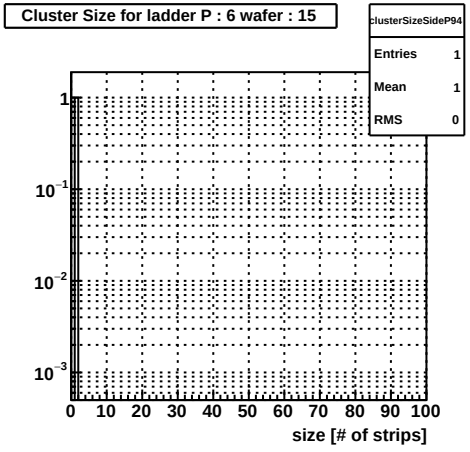

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 623
Mean 1.35
RMS 0.6796
size [# of strips]

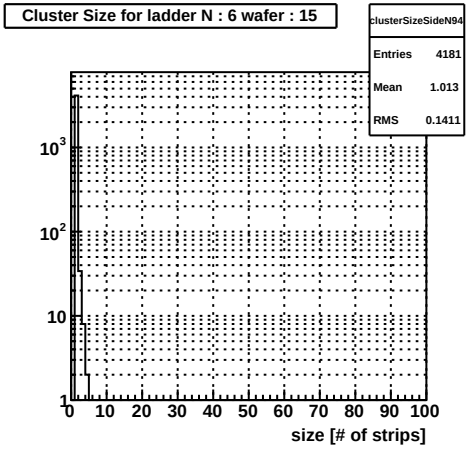

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 822
Mean 1.133
RMS 0.4915
size [# of strips]

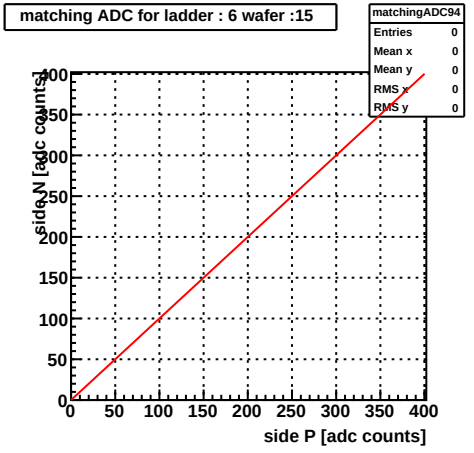

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 138
Mean x 83.64
Mean y 92.25
RMS x 58.09
RMS y 59.11
side N [adc counts]
side P [adc counts]

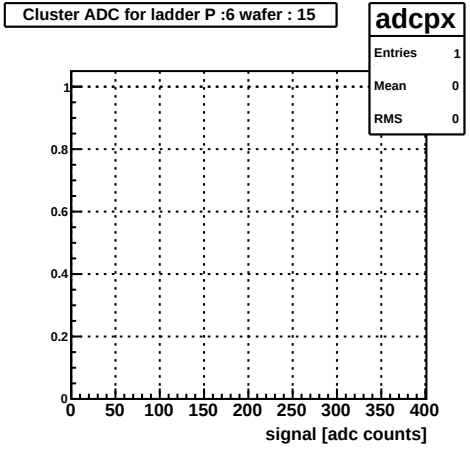

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 623
Mean 64.47
RMS 55.92
signal [adc counts]

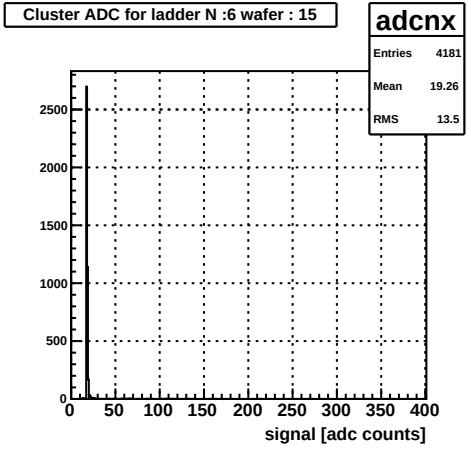

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 822
Mean 35.27
RMS 42.07
signal [adc counts]

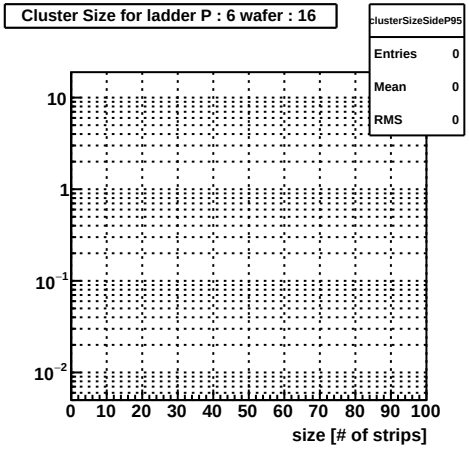

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

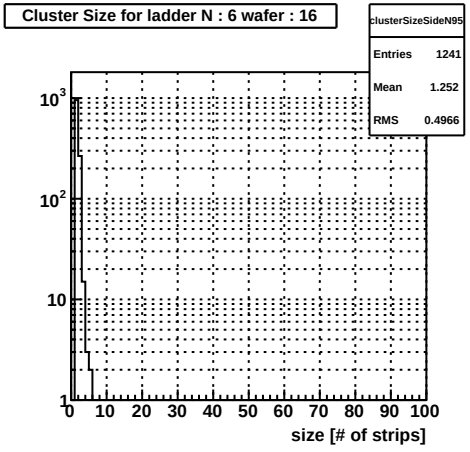

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4181
Mean 1.013
RMS 0.1411
size [# of strips]

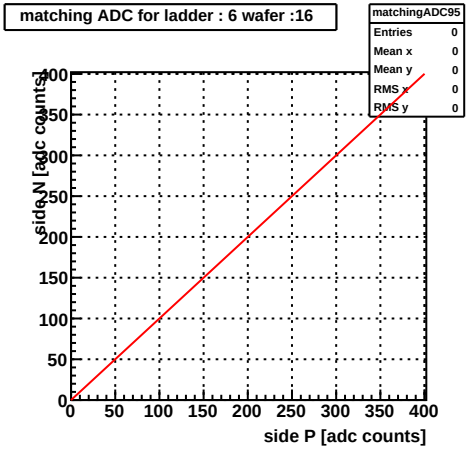

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

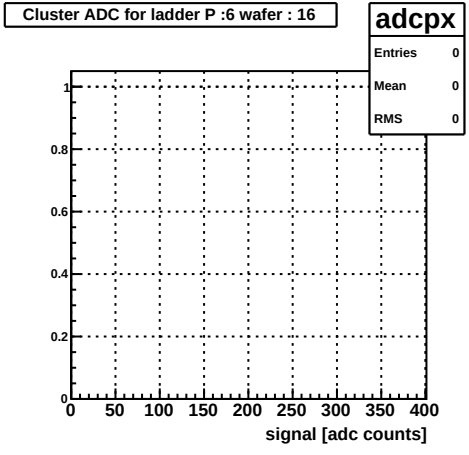

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

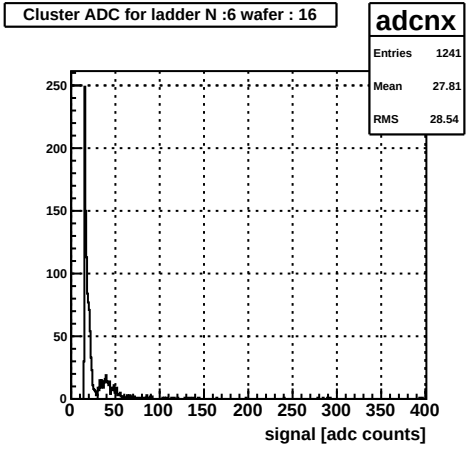

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4181
Mean 19.26
RMS 13.5
signal [adc counts]

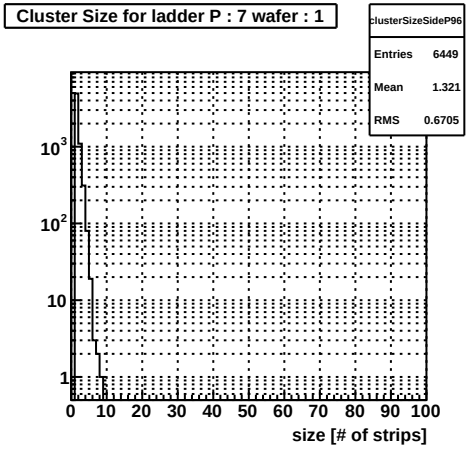

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

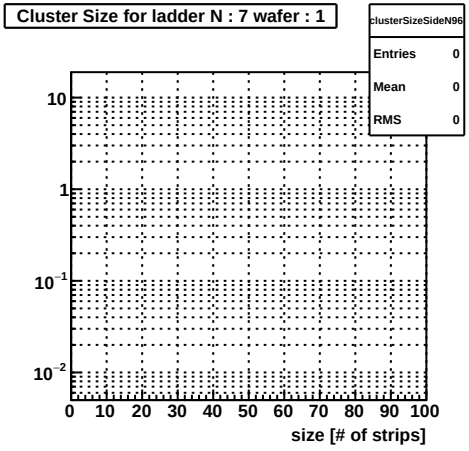

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1241
Mean 1.252
RMS 0.4966
size [# of strips]

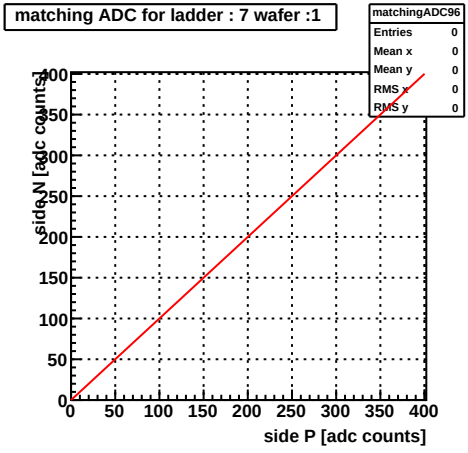

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

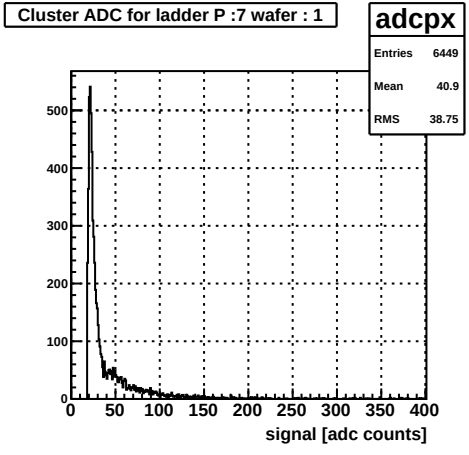

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

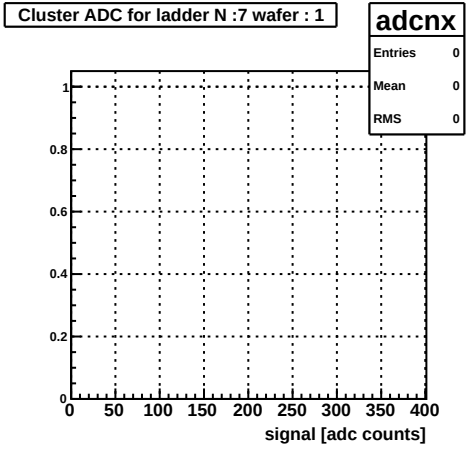

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1241
Mean 27.81
RMS 28.54
signal [adc counts]

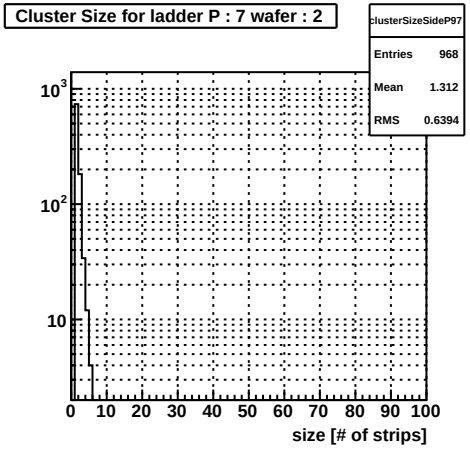

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 6449
Mean 1.321
RMS 0.6705
size [# of strips]

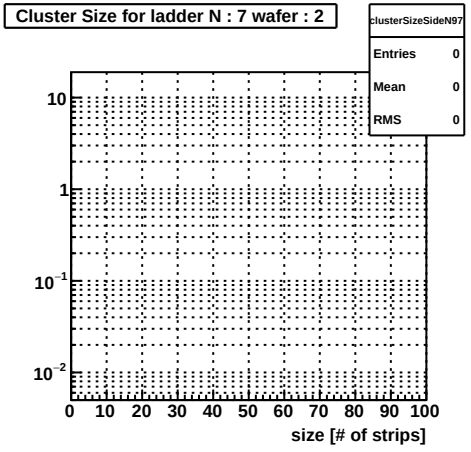

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

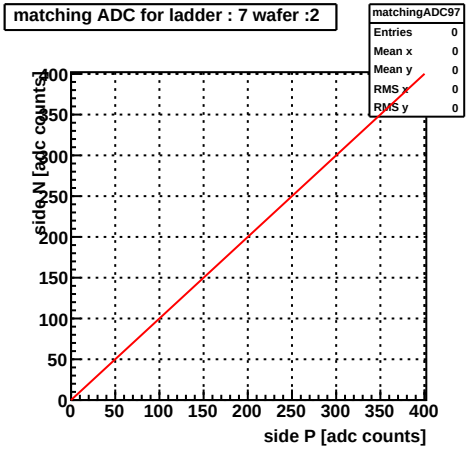

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

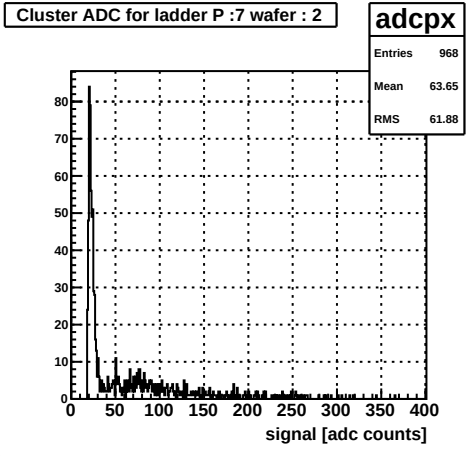

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 6449
Mean 40.9
RMS 38.75
signal [adc counts]

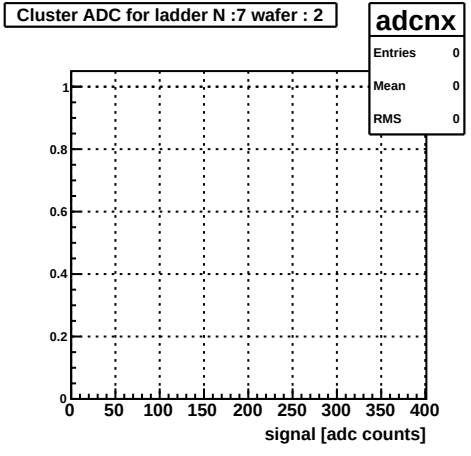

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

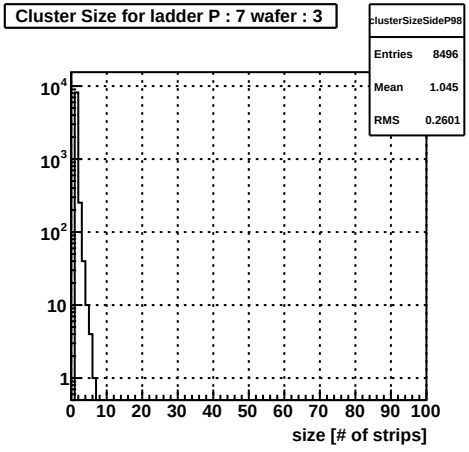

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 968
Mean 1.312
RMS 0.6394
size [# of strips]

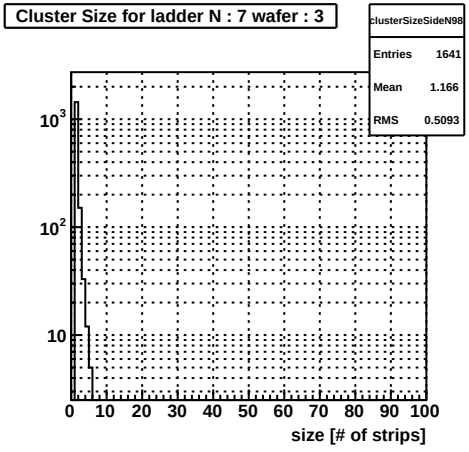

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

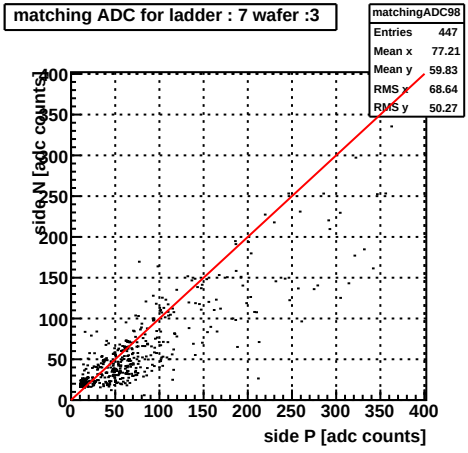

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

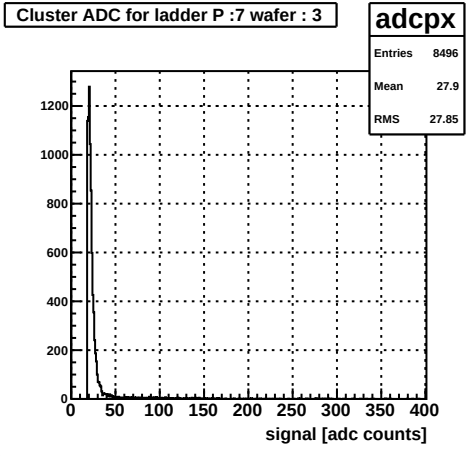

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 968
Mean 63.65
RMS 61.88
signal [adc counts]

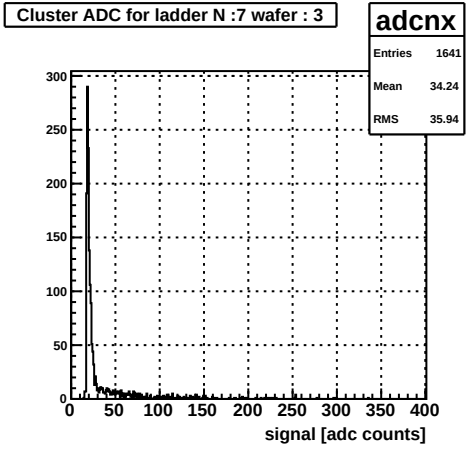

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

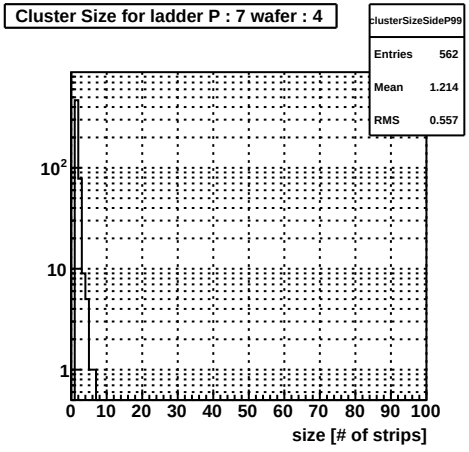

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 8496
Mean 1.045
RMS 0.2601
size [# of strips]

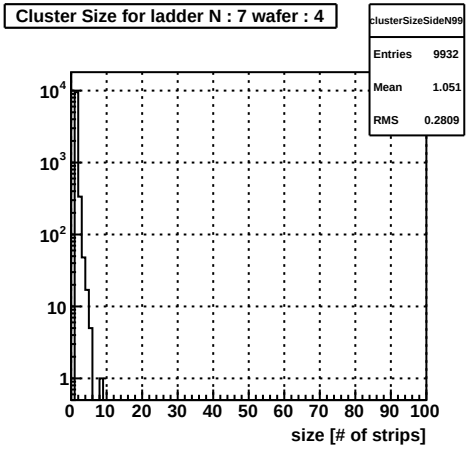

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1641
Mean 1.166
RMS 0.5093
size [# of strips]

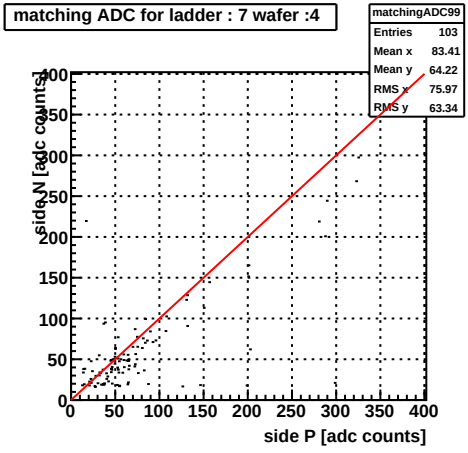

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 447
Mean x 77.21
Mean y 59.83
RMS x 68.64
RMS y 50.27
side N [adc counts]
side P [adc counts]

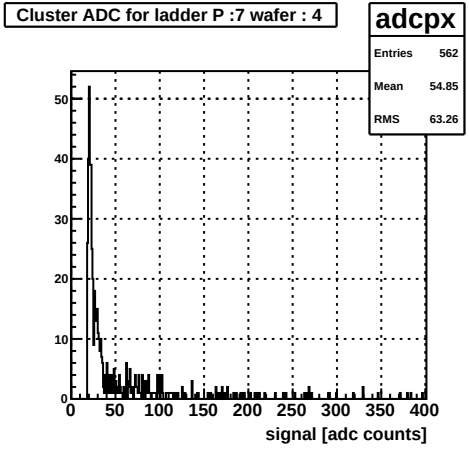

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 8496
Mean 27.9
RMS 27.85
signal [adc counts]

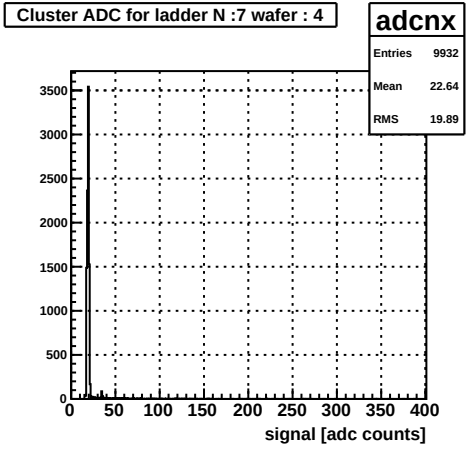

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1641
Mean 34.24
RMS 35.94
signal [adc counts]

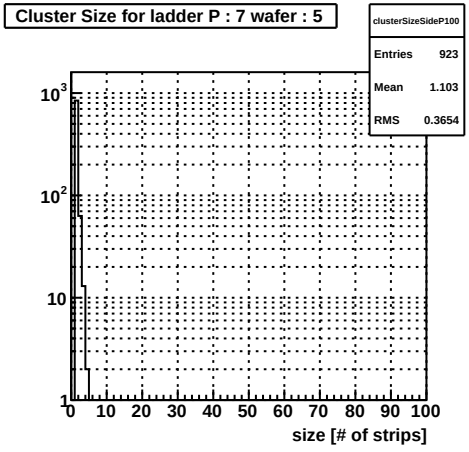

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 562
Mean 1.214
RMS 0.557
size [# of strips]

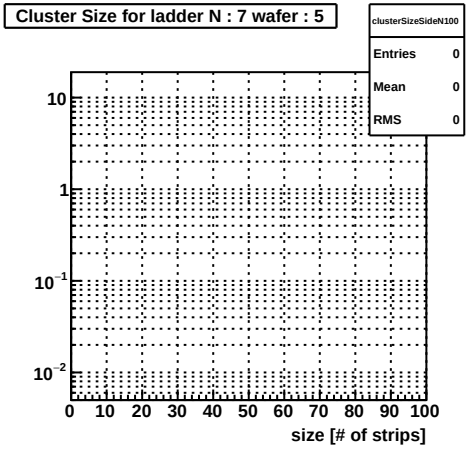

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9932
Mean 1.051
RMS 0.2809
size [# of strips]

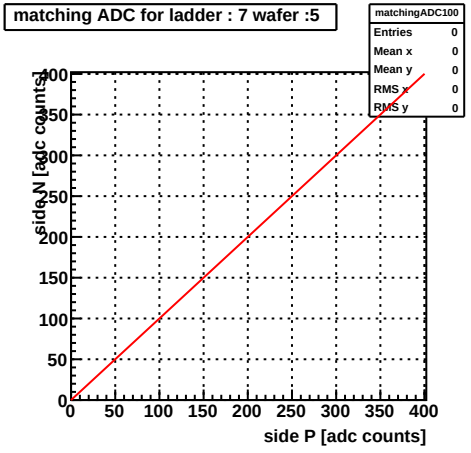

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 103
Mean x 83.41
Mean y 64.22
RMS x 75.97
RMS y 63.34
side N [adc counts]
side P [adc counts]

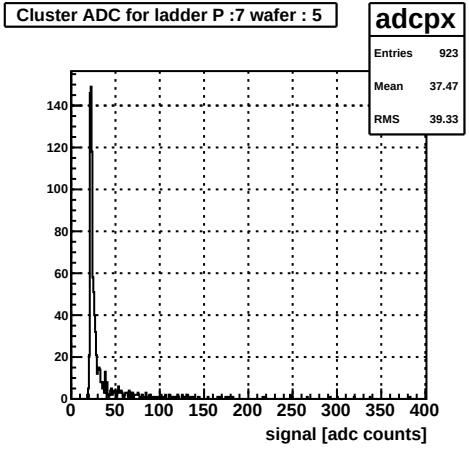

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 562
Mean 54.85
RMS 63.26
signal [adc counts]

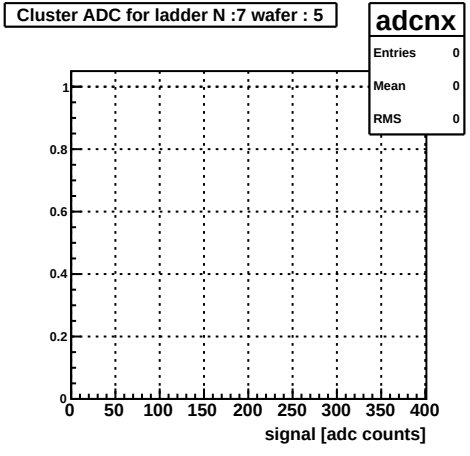

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9932
Mean 22.64
RMS 19.89
signal [adc counts]

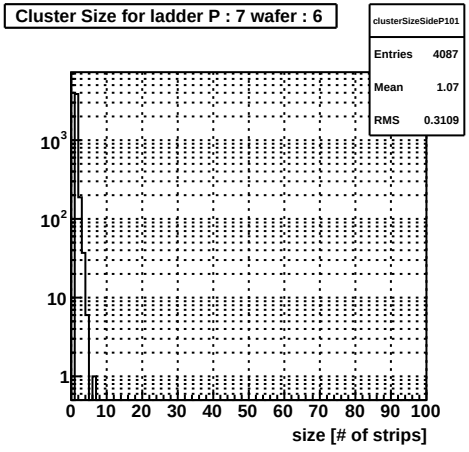

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 923
Mean 1.103
RMS 0.3654
size [# of strips]

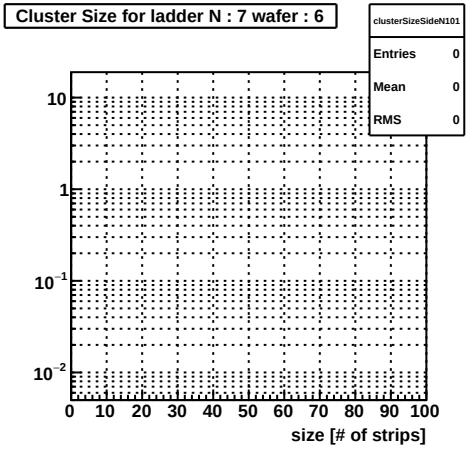

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

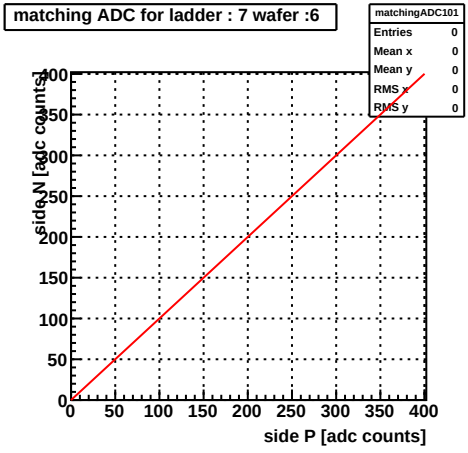

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

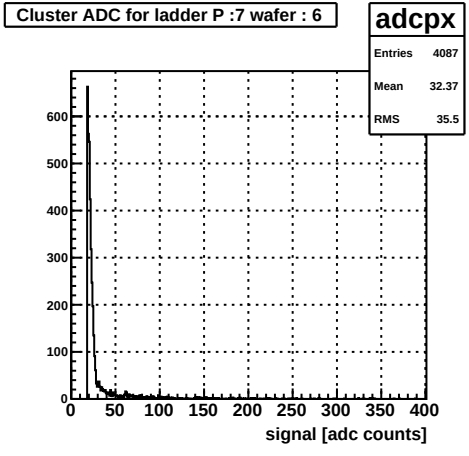

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 923
Mean 37.47
RMS 39.33
signal [adc counts]

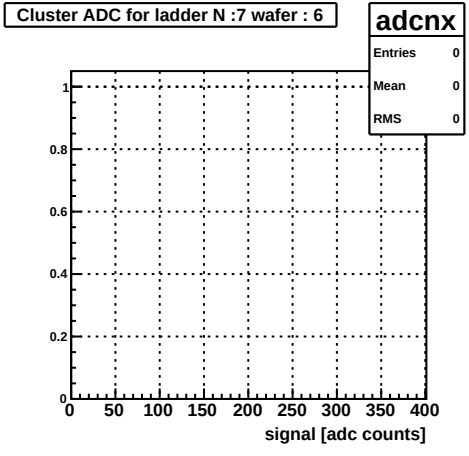

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

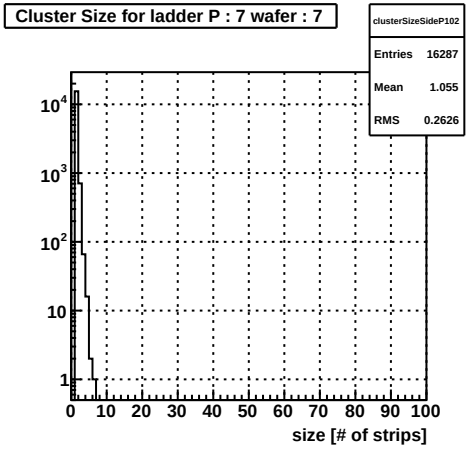

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4087
Mean 1.07
RMS 0.3109
size [# of strips]

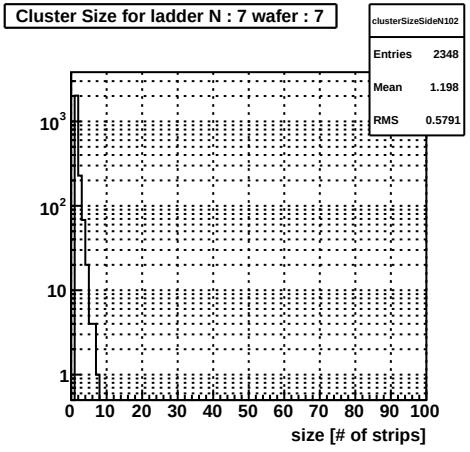

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

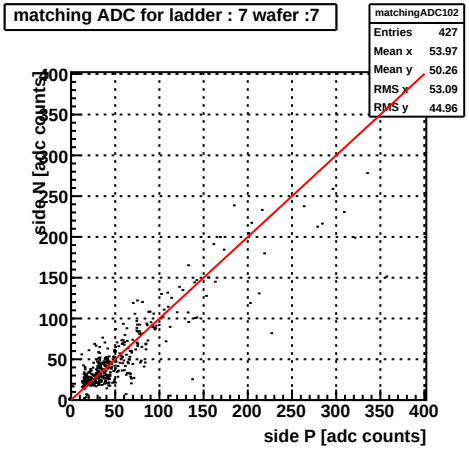

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

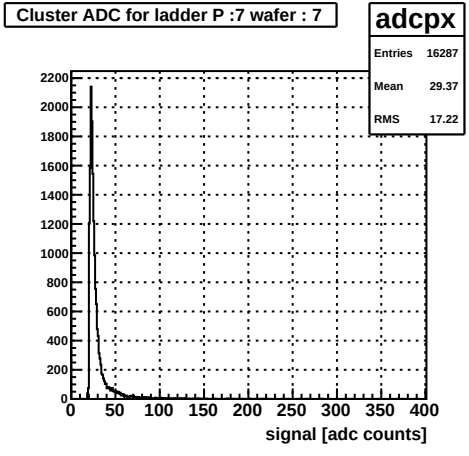

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4087
Mean 32.37
RMS 35.5
signal [adc counts]

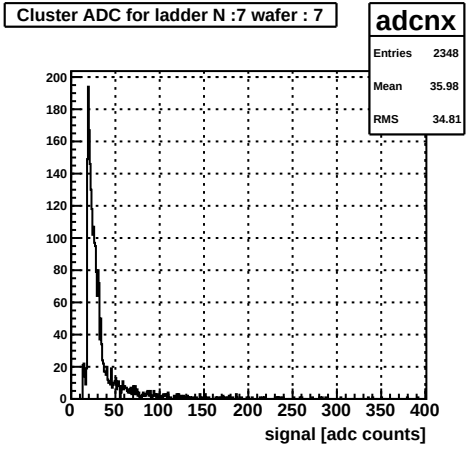

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

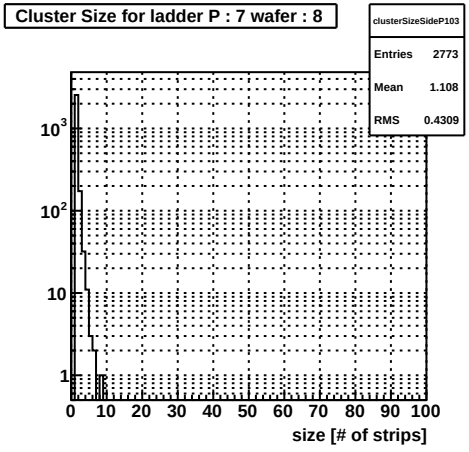

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 16287
Mean 1.055
RMS 0.2626
size [# of strips]

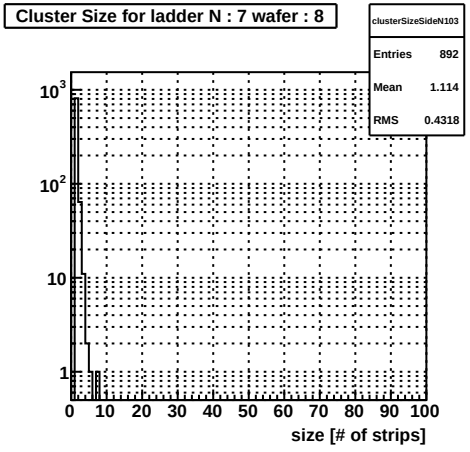

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2348
Mean 1.198
RMS 0.5791
size [# of strips]

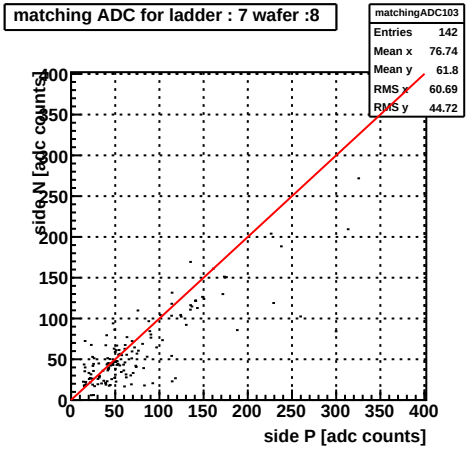

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 427
Mean x 53.97
Mean y 50.26
RMS x 53.09
RMS y 44.96
side N [adc counts]
side P [adc counts]

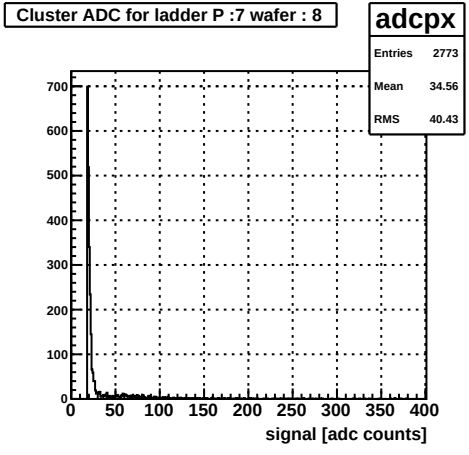

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 16287
Mean 29.37
RMS 17.22
signal [adc counts]

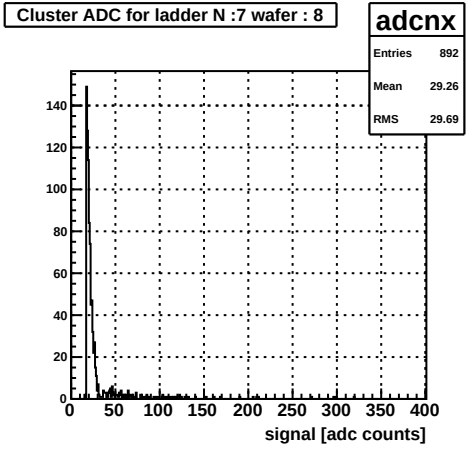

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2348
Mean 35.98
RMS 34.81
signal [adc counts]

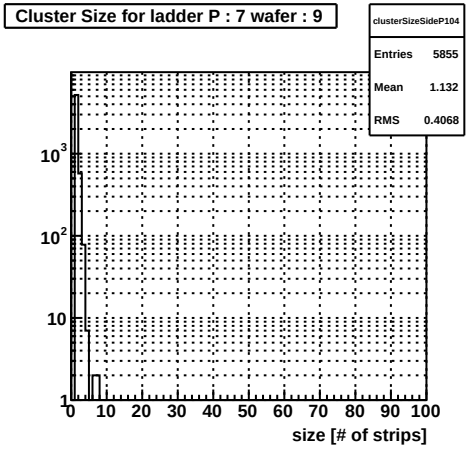

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2773
Mean 1.108
RMS 0.4309
size [# of strips]

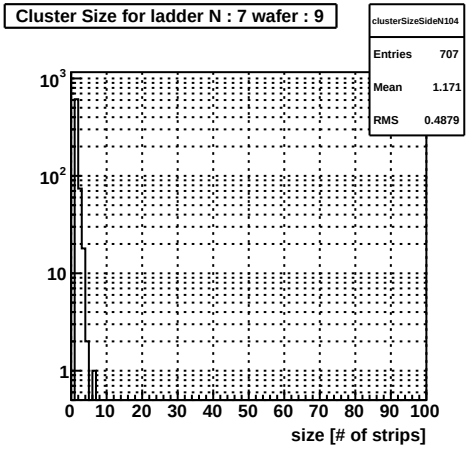

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 892
Mean 1.114
RMS 0.4318
size [# of strips]

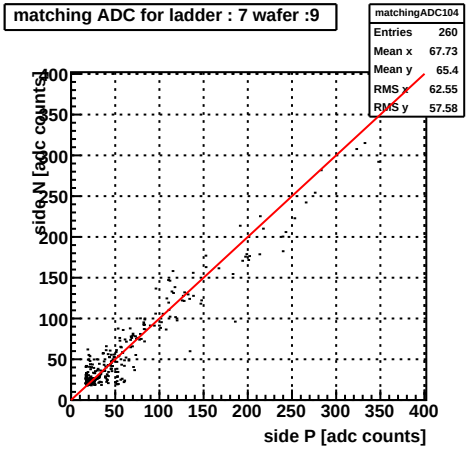

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 142
Mean x 76.74
Mean y 61.8
RMS x 60.69
RMS y 44.72
side N [adc counts]
side P [adc counts]

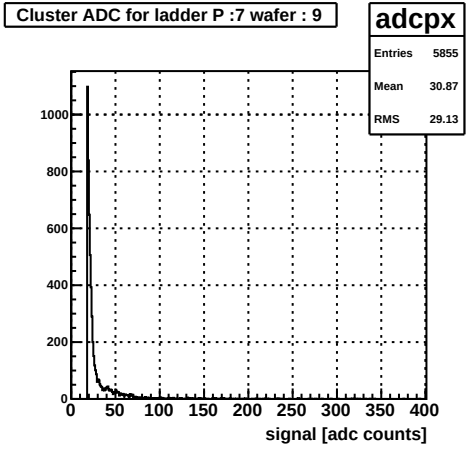

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2773
Mean 34.56
RMS 40.43
signal [adc counts]

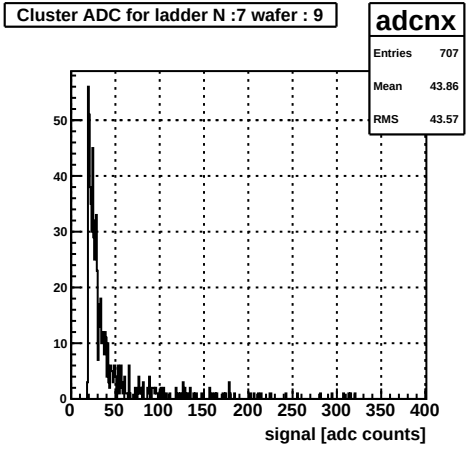

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 892
Mean 29.26
RMS 29.69
signal [adc counts]

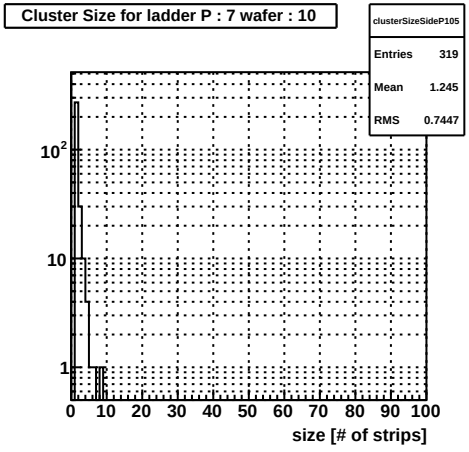

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5855
Mean 1.132
RMS 0.4068
size [# of strips]

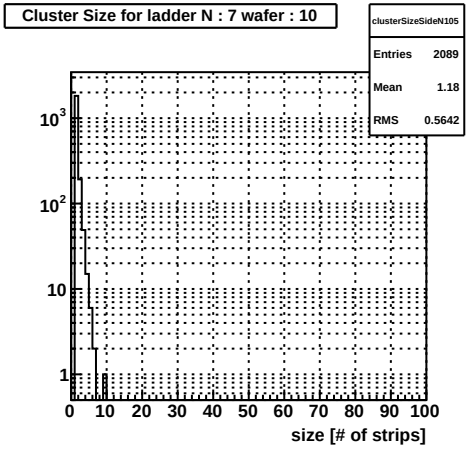

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 707
Mean 1.171
RMS 0.4879
size [# of strips]

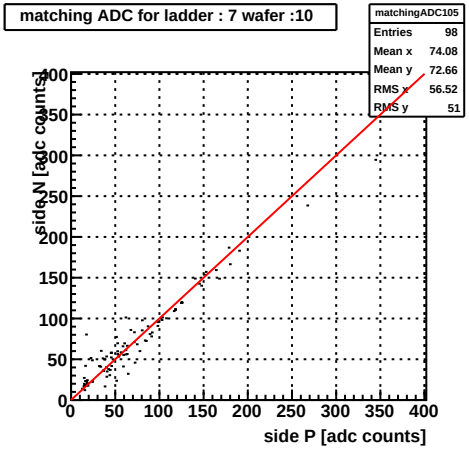

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 260
Mean x 67.73
Mean y 65.4
RMS x 62.55
RMS y 57.58
side N [adc counts]
side P [adc counts]

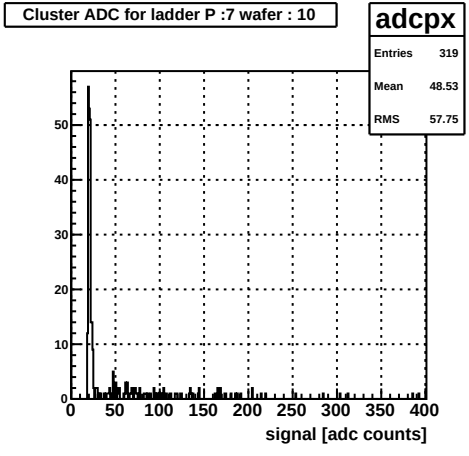

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5855
Mean 30.87
RMS 29.13
signal [adc counts]

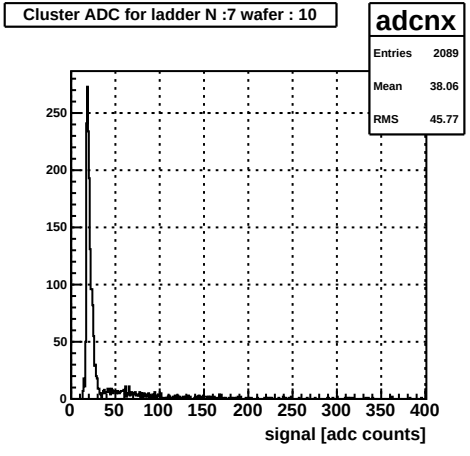

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 707
Mean 43.86
RMS 43.57
signal [adc counts]

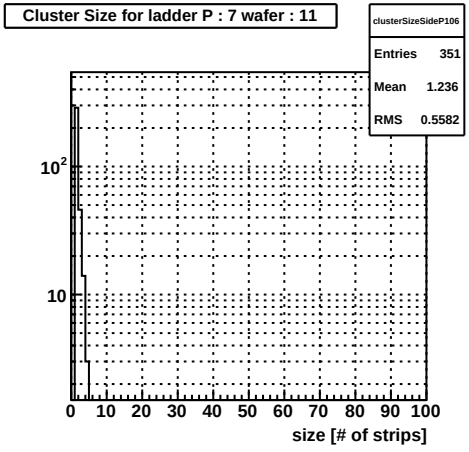

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 319
Mean 1.245
RMS 0.7447
size [# of strips]

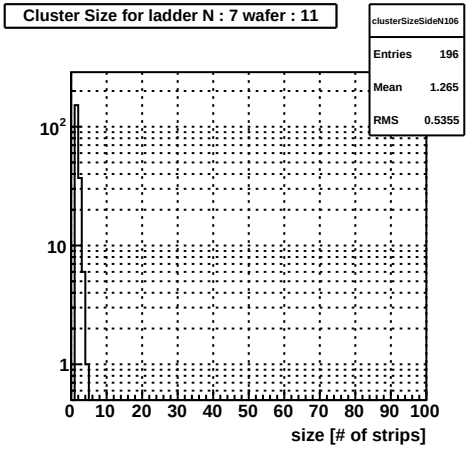

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2089
Mean 1.18
RMS 0.5642
size [# of strips]

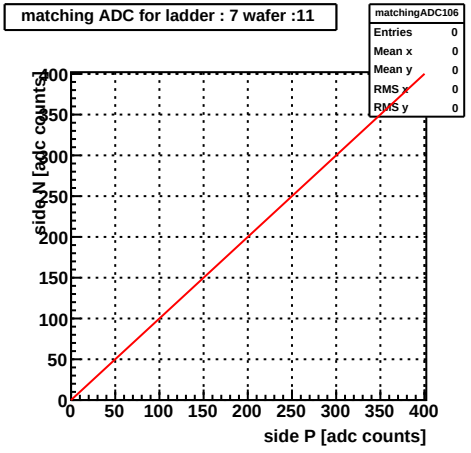

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 98
Mean x 74.08
Mean y 72.66
RMS x 56.52
RMS y 51
side N [adc counts]
side P [adc counts]

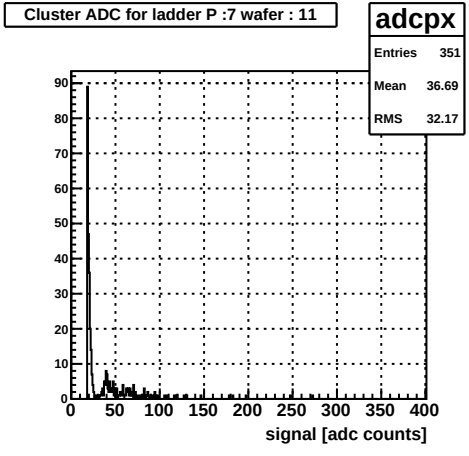

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 319
Mean 48.53
RMS 57.75
signal [adc counts]

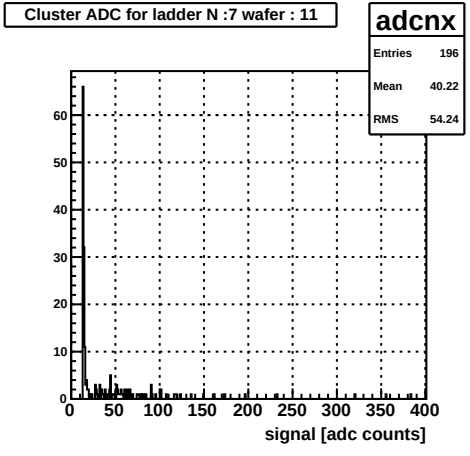

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2089
Mean 38.06
RMS 45.77
signal [adc counts]

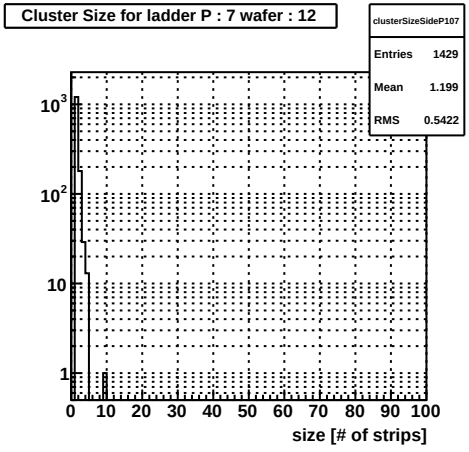

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 351
Mean 1.236
RMS 0.5582
size [# of strips]

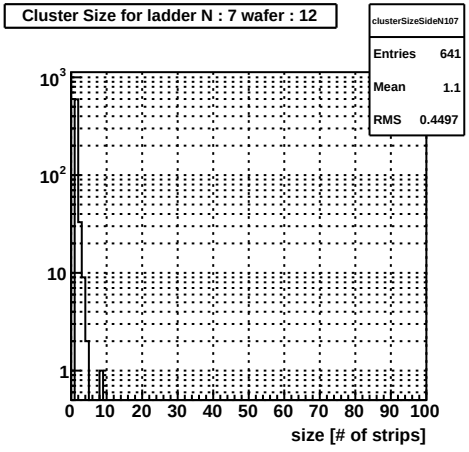

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 196
Mean 1.265
RMS 0.5355
size [# of strips]

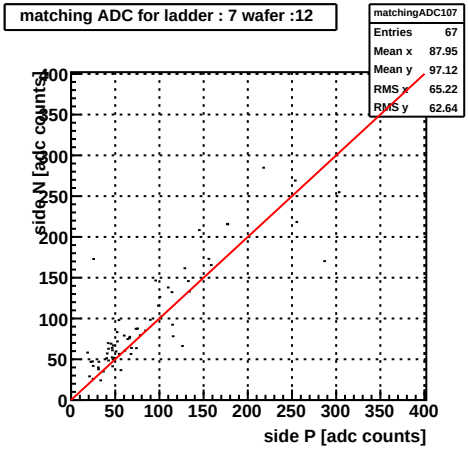

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

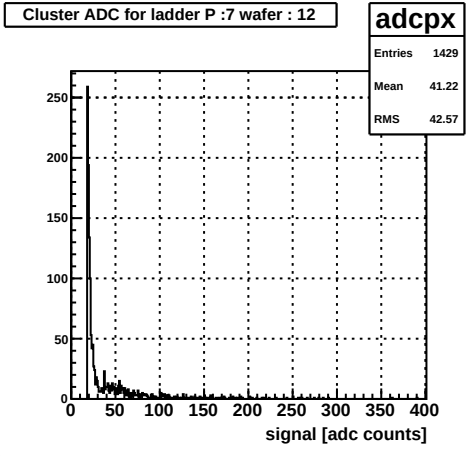

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 351
Mean 36.69
RMS 32.17
signal [adc counts]

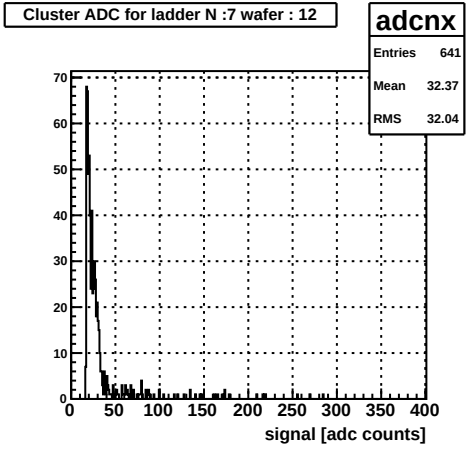

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 196
Mean 40.22
RMS 54.24
signal [adc counts]

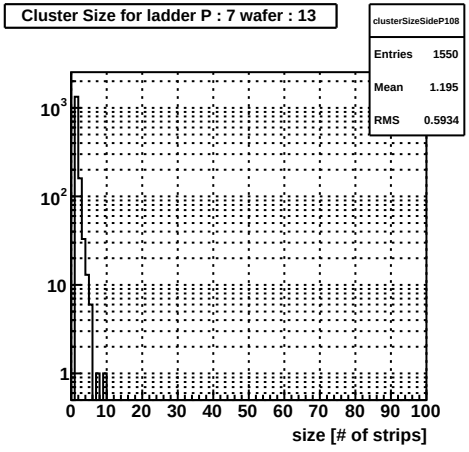

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1429
Mean 1.199
RMS 0.5422
size [# of strips]

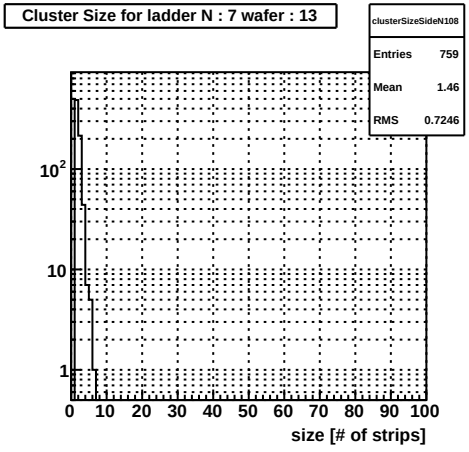

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 641
Mean 1.1
RMS 0.4497
size [# of strips]

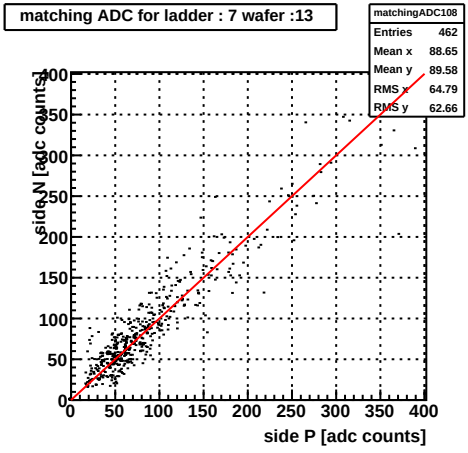

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 67
Mean x 87.95
Mean y 97.12
RMS x 65.22
RMS y 62.64
side N [adc counts]
side P [adc counts]

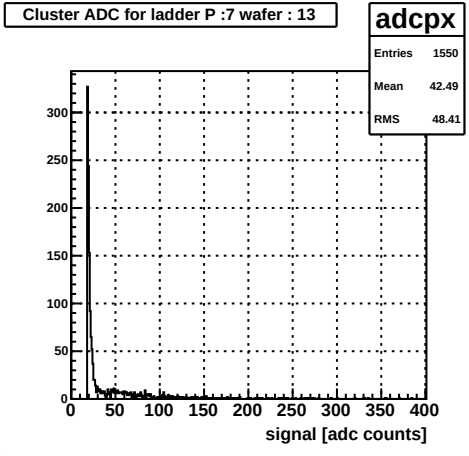

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1429
Mean 41.22
RMS 42.57
signal [adc counts]

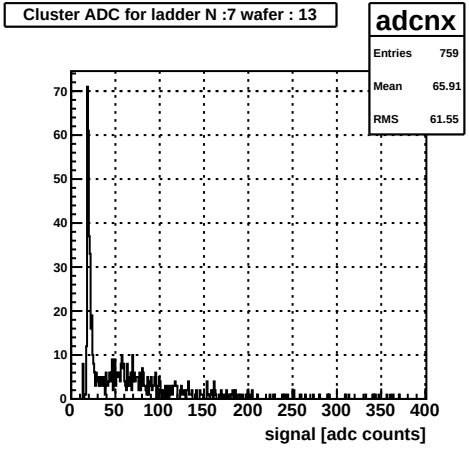

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 641
Mean 32.37
RMS 32.04
signal [adc counts]

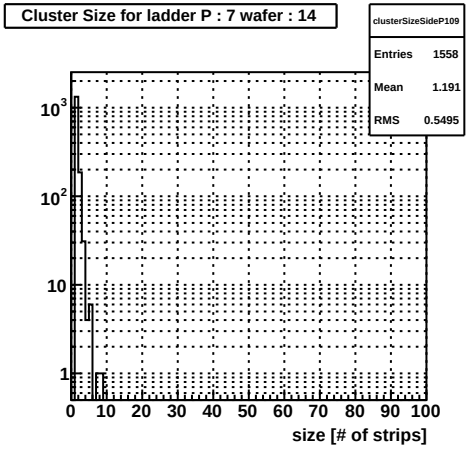

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1550
Mean 1.195
RMS 0.5934
size [# of strips]

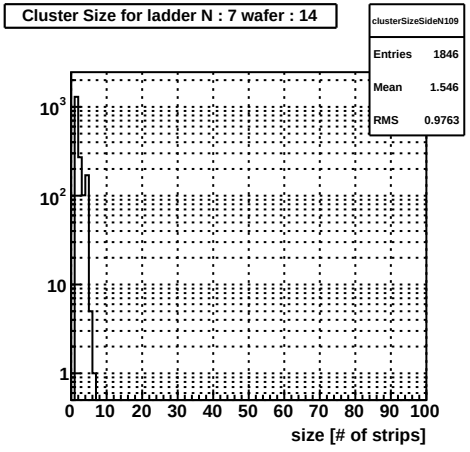

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 759
Mean 1.46
RMS 0.7246
size [# of strips]

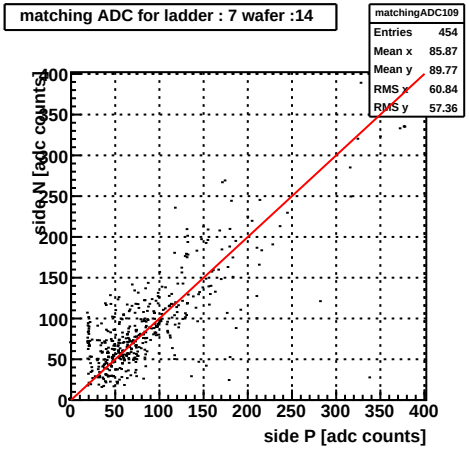

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 462
Mean x 88.65
Mean y 89.58
RMS x 64.79
RMS y 62.66
side N [adc counts]
side P [adc counts]

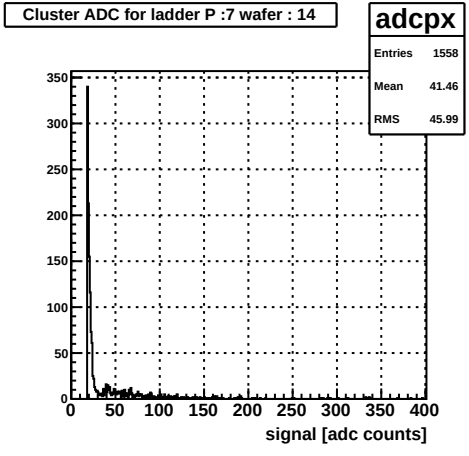

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1550
Mean 42.49
RMS 48.41
signal [adc counts]

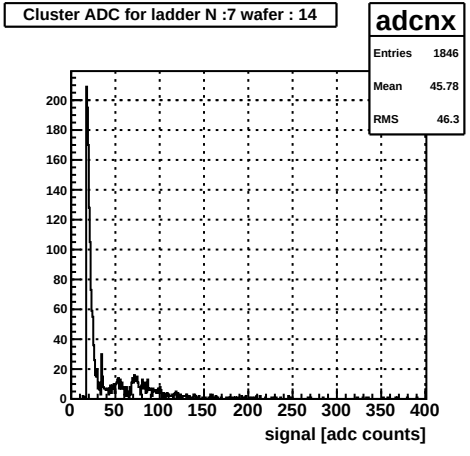

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 759
Mean 65.91
RMS 61.55
signal [adc counts]

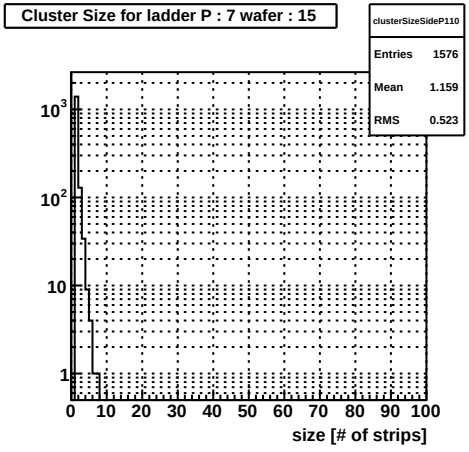

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1558
Mean 1.191
RMS 0.5495
size [# of strips]

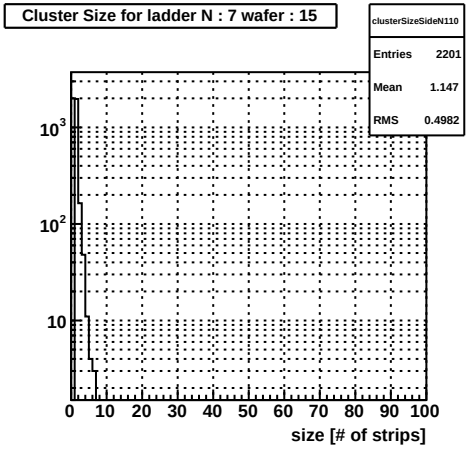

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1846
Mean 1.546
RMS 0.9763
size [# of strips]

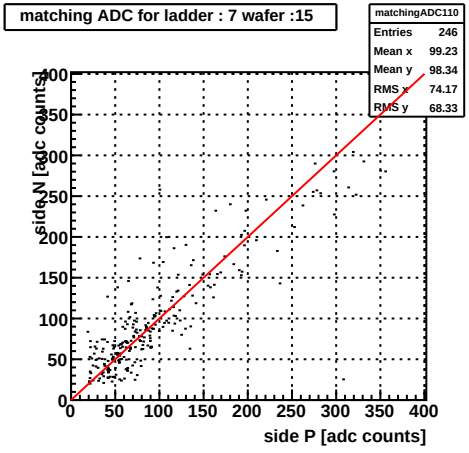

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 454
Mean x 85.87
Mean y 89.77
RMS x 60.84
RMS y 57.36
side N [adc counts]
side P [adc counts]

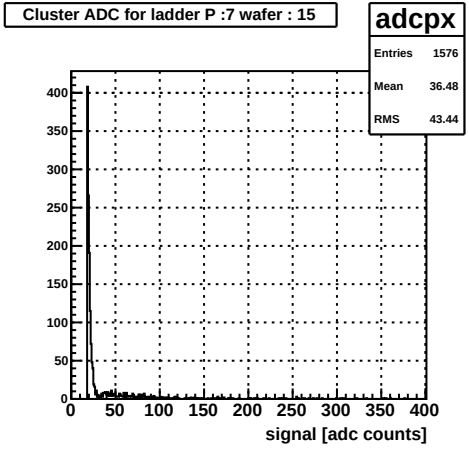

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1558
Mean 41.46
RMS 45.99
signal [adc counts]

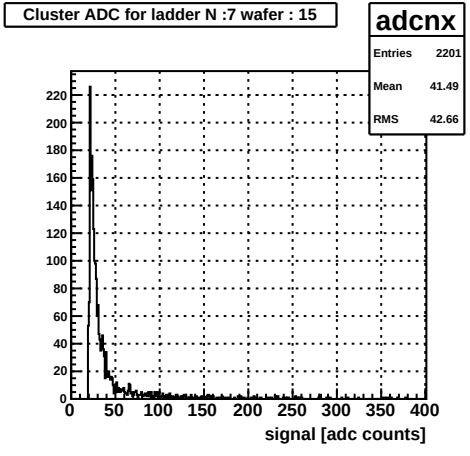

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1846
Mean 45.78
RMS 46.3
signal [adc counts]

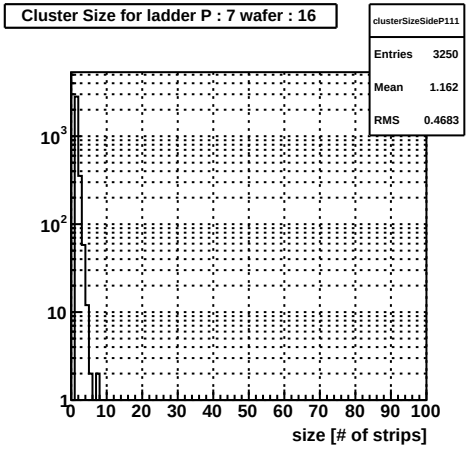

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1576
Mean 1.159
RMS 0.523
size [# of strips]

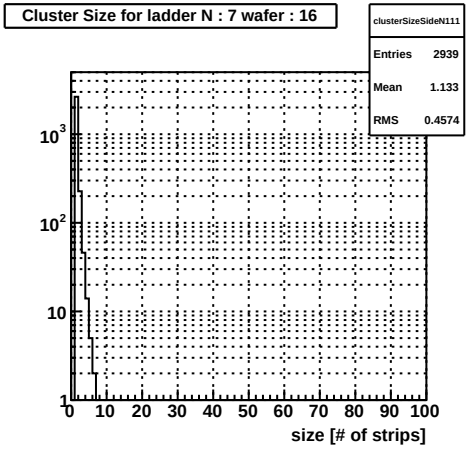

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2201
Mean 1.147
RMS 0.4982
size [# of strips]

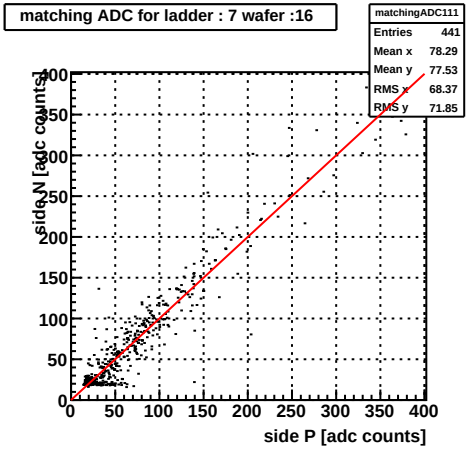

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 246
Mean x 99.23
Mean y 98.34
RMS x 74.17
RMS y 68.33
side N [adc counts]
side P [adc counts]

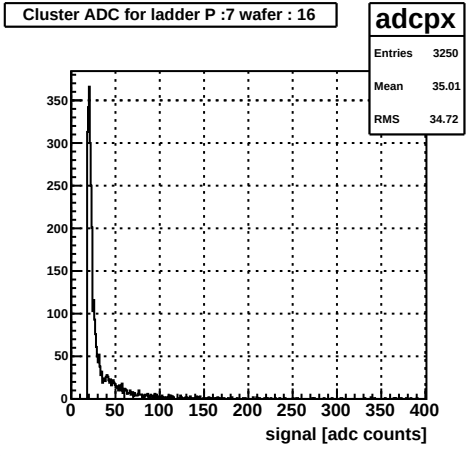

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1576
Mean 36.48
RMS 43.44
signal [adc counts]

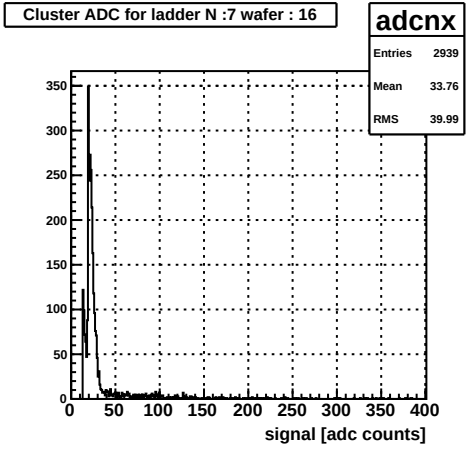

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2201
Mean 41.49
RMS 42.66
signal [adc counts]

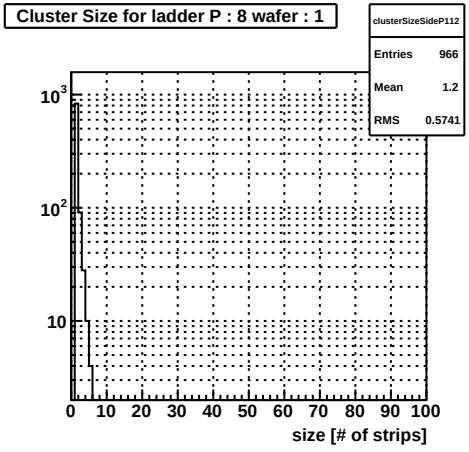

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3250
Mean 1.162
RMS 0.4683
size [# of strips]

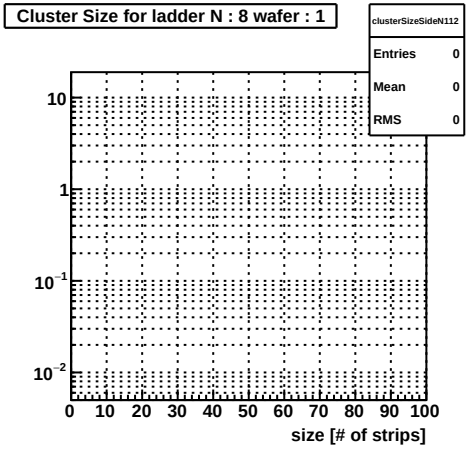

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2939
Mean 1.133
RMS 0.4574
size [# of strips]

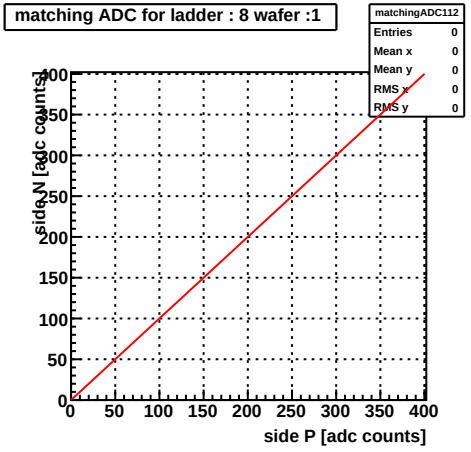

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 441
Mean x 78.29
Mean y 77.53
RMS x 68.37
RMS y 71.85
side N [adc counts]
side P [adc counts]

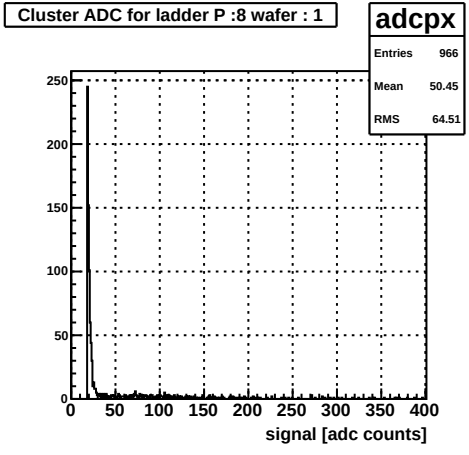

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3250
Mean 35.01
RMS 34.72
signal [adc counts]

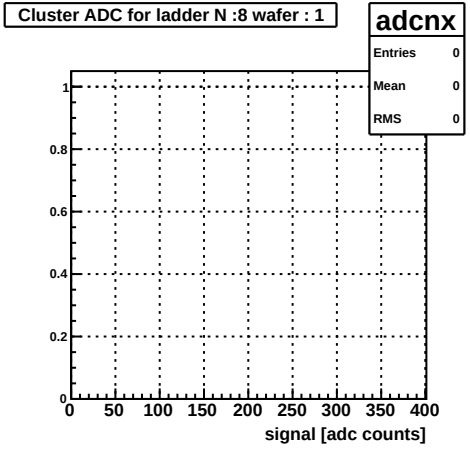

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2939
Mean 33.76
RMS 39.99
signal [adc counts]

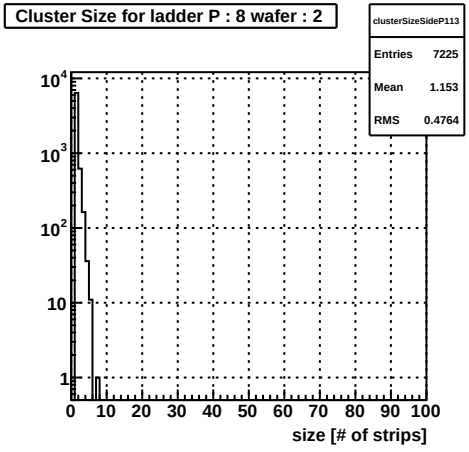

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 966
Mean 1.2
RMS 0.5741
size [# of strips]

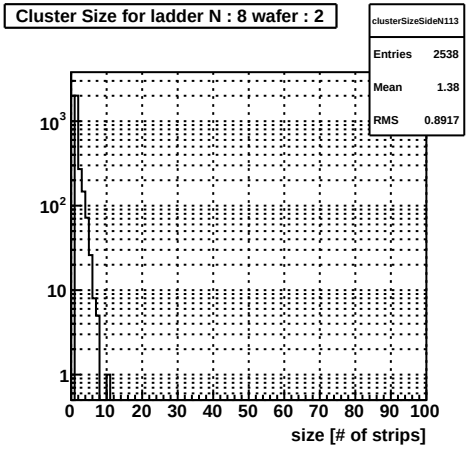

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

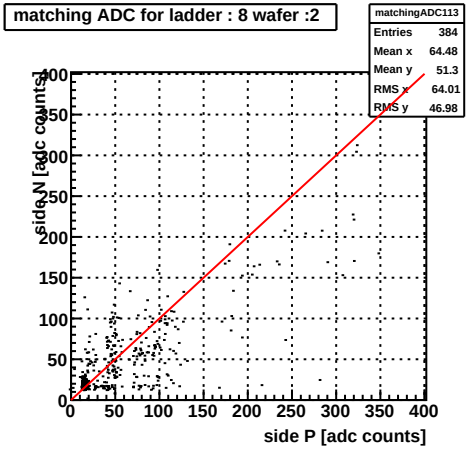

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

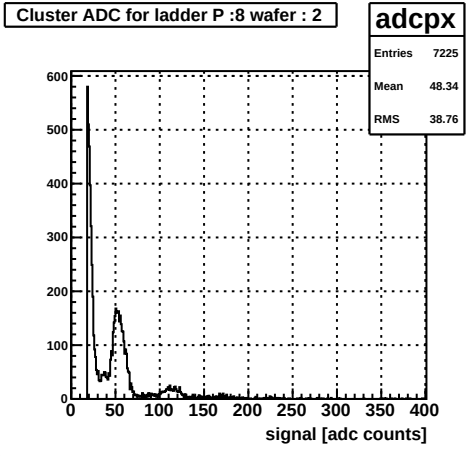

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 966
Mean 50.45
RMS 64.51
signal [adc counts]

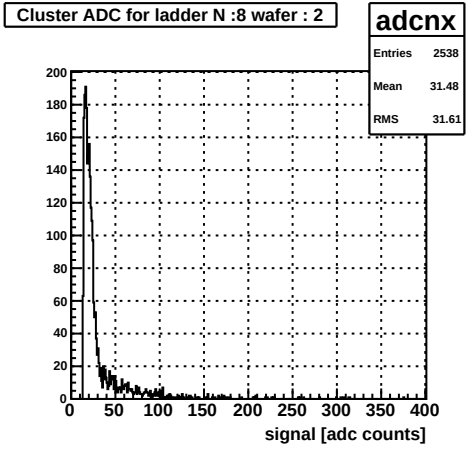

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

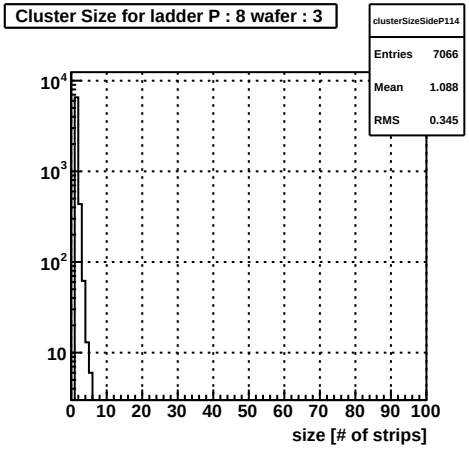

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7225
Mean 1.153
RMS 0.4764
size [# of strips]

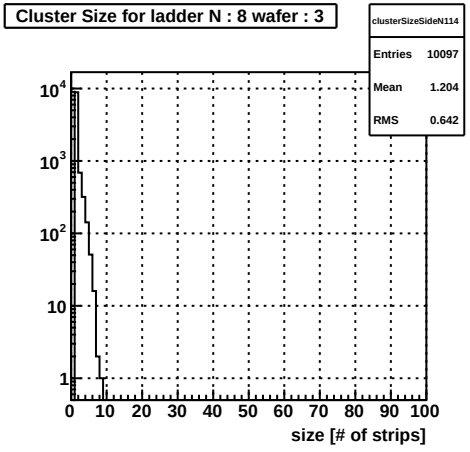

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2538
Mean 1.38
RMS 0.8917
size [# of strips]

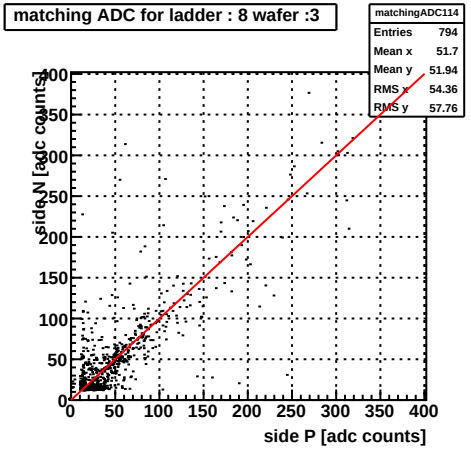

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 384
Mean x 64.48
Mean y 51.3
RMS x 64.01
RMS y 46.98
side N [adc counts]
side P [adc counts]

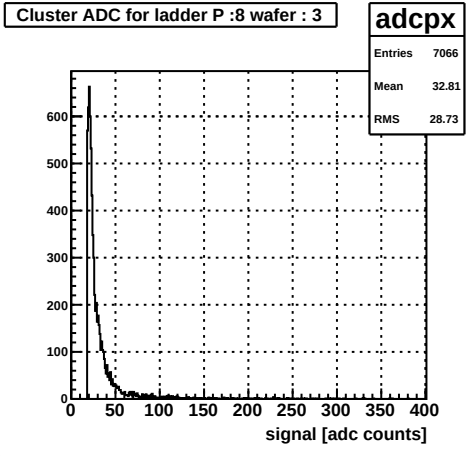

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7225
Mean 48.34
RMS 38.76
signal [adc counts]

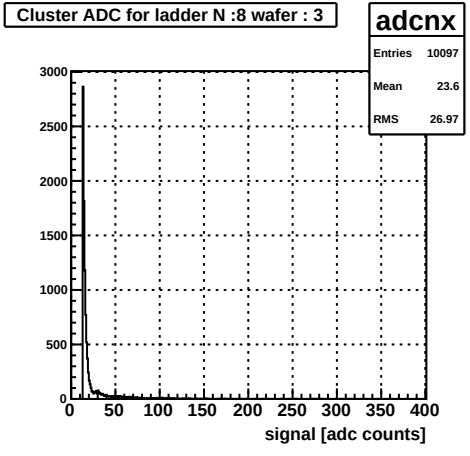

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2538
Mean 31.48
RMS 31.61
signal [adc counts]

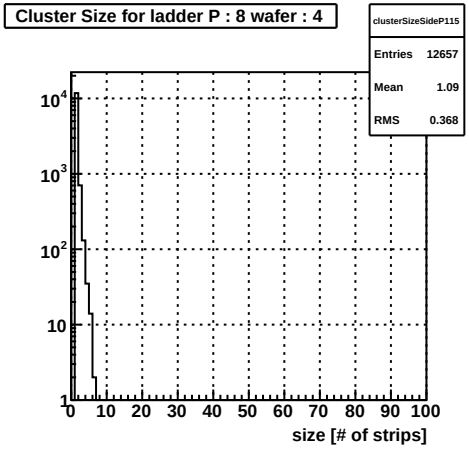

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7066
Mean 1.088
RMS 0.345
size [# of strips]

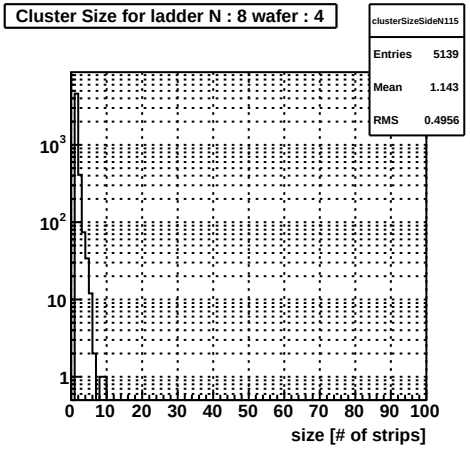

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10097
Mean 1.204
RMS 0.642
size [# of strips]

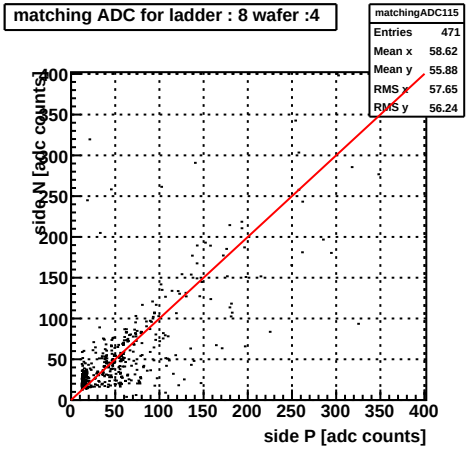

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 794
Mean x 51.7
Mean y 51.94
RMS x 54.36
RMS y 57.76
side N [adc counts]
side P [adc counts]

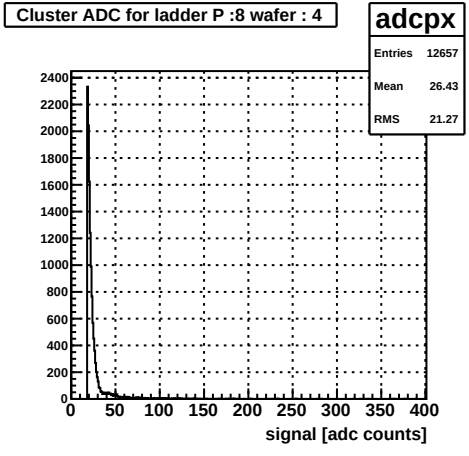

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7066
Mean 32.81
RMS 28.73
signal [adc counts]

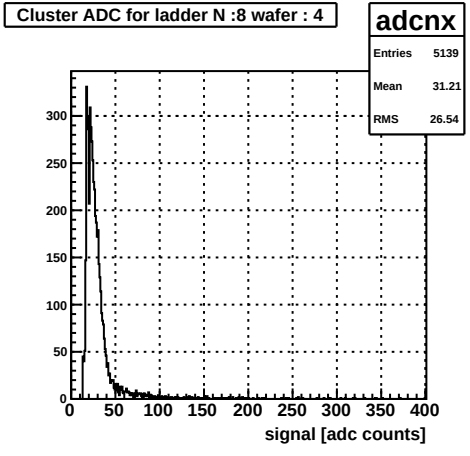

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10097
Mean 23.6
RMS 26.97
signal [adc counts]

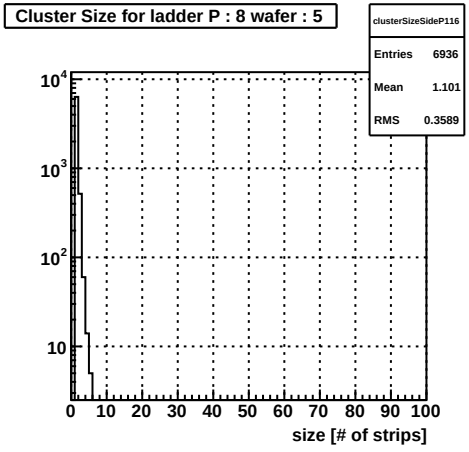

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12657
Mean 1.09
RMS 0.368
size [# of strips]

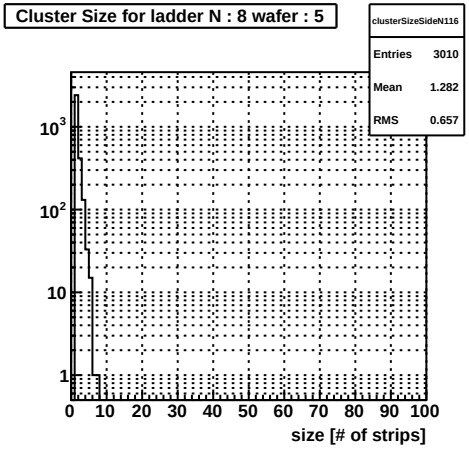

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5139
Mean 1.143
RMS 0.4956
size [# of strips]

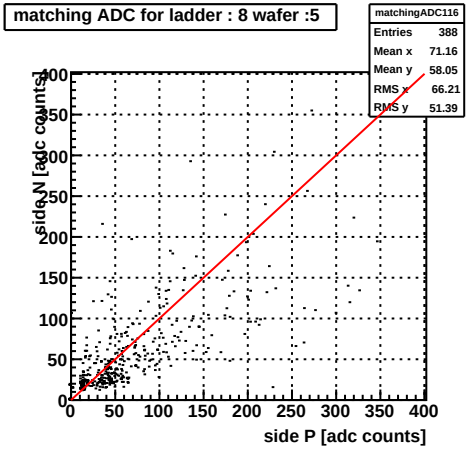

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 471
Mean x 58.62
Mean y 55.88
RMS x 57.65
RMS y 56.24
side N [adc counts]
side P [adc counts]

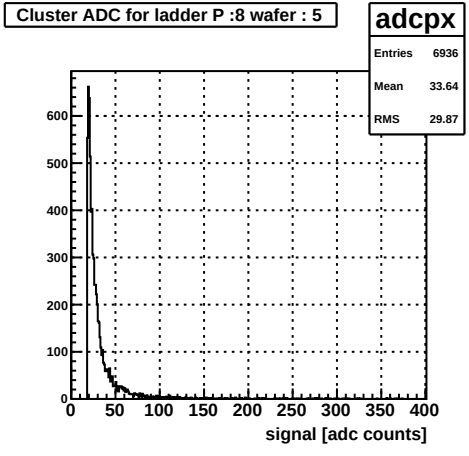

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12657
Mean 26.43
RMS 21.27
signal [adc counts]

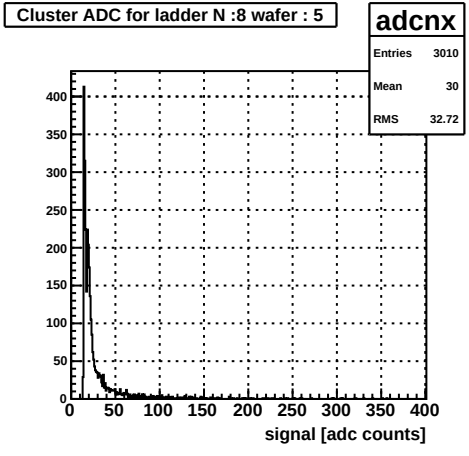

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5139
Mean 31.21
RMS 26.54
signal [adc counts]

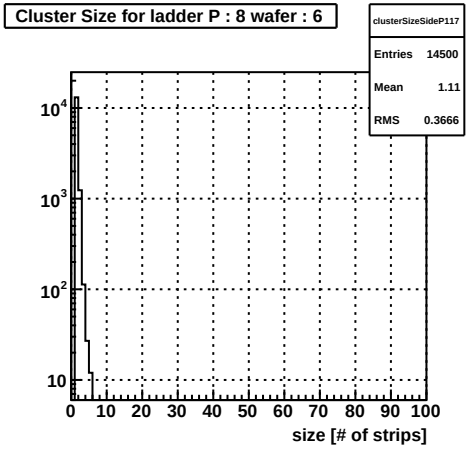

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6936
Mean 1.101
RMS 0.3589
size [# of strips]

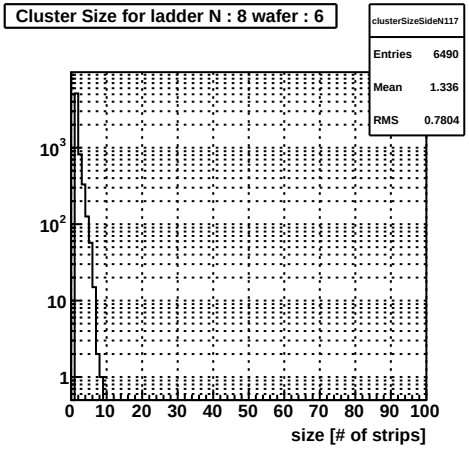

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3010
Mean 1.282
RMS 0.657
size [# of strips]

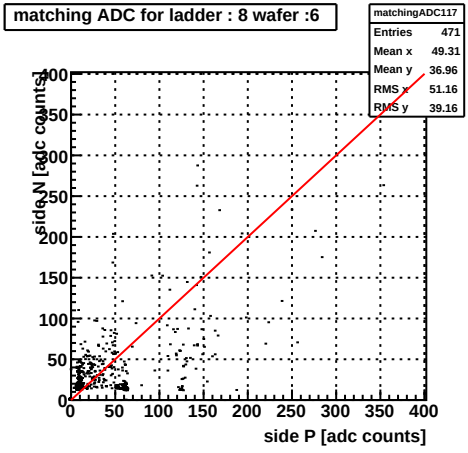

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 388
Mean x 71.16
Mean y 58.05
RMS x 66.21
RMS y 51.39
side N [adc counts]
side P [adc counts]

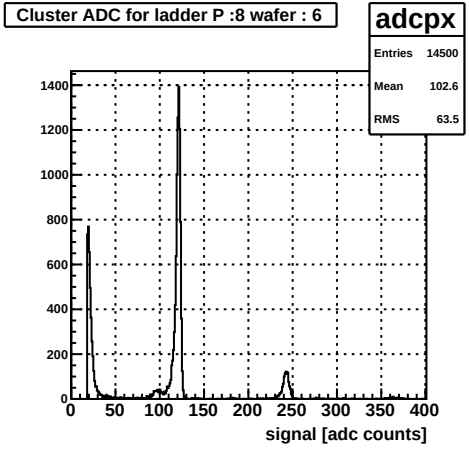

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6936
Mean 33.64
RMS 29.87
signal [adc counts]

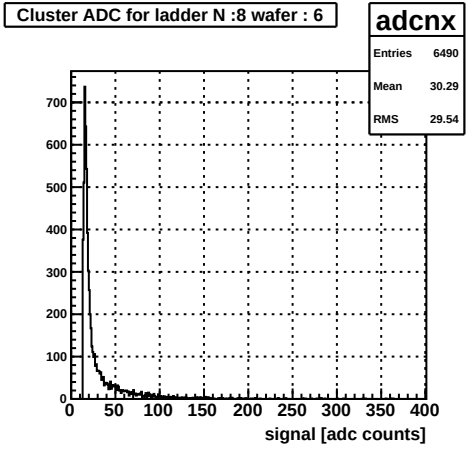

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3010
Mean 30
RMS 32.72
signal [adc counts]

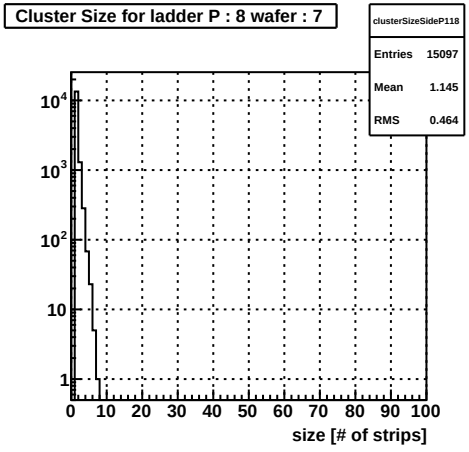

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14500
Mean 1.11
RMS 0.3666
size [# of strips]

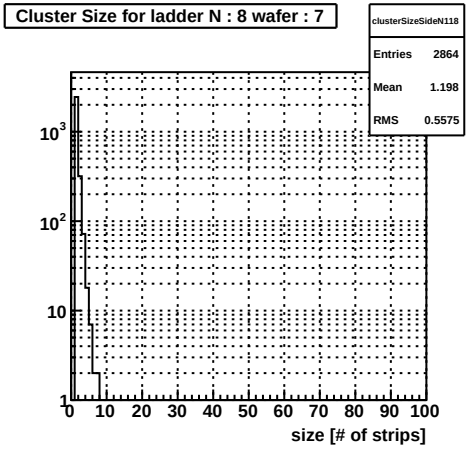

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6490
Mean 1.336
RMS 0.7804
size [# of strips]

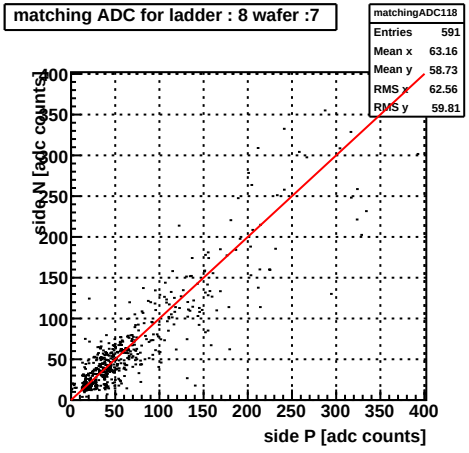

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 471
Mean x 49.31
Mean y 36.96
RMS x 51.16
RMS y 39.16
side N [adc counts]
side P [adc counts]

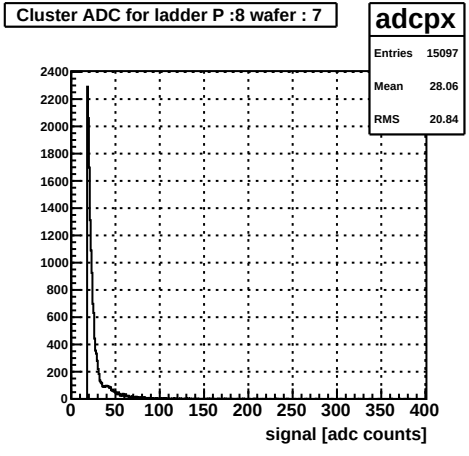

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14500
Mean 102.6
RMS 63.5
signal [adc counts]

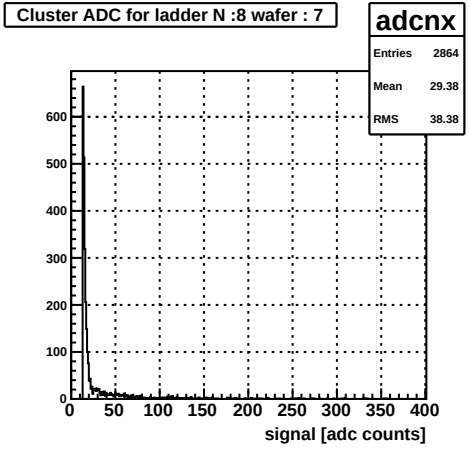

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6490
Mean 30.29
RMS 29.54
signal [adc counts]

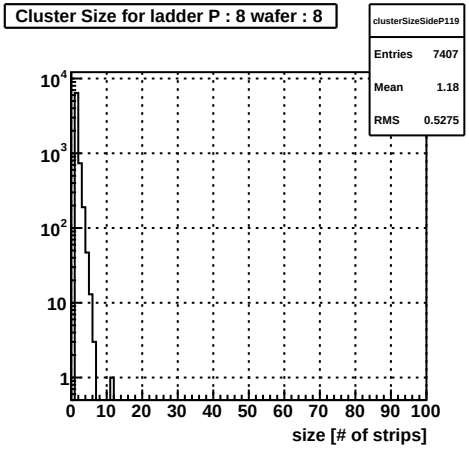

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15097
Mean 1.145
RMS 0.464
size [# of strips]

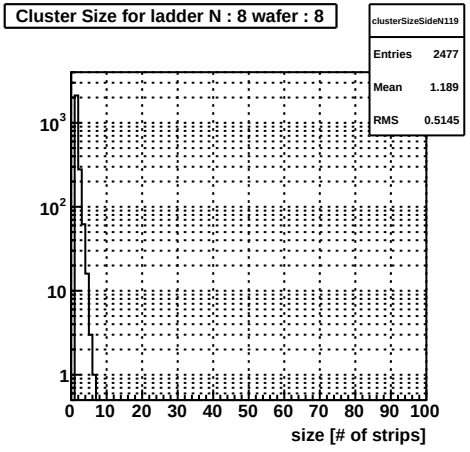

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2864
Mean 1.198
RMS 0.5575
size [# of strips]

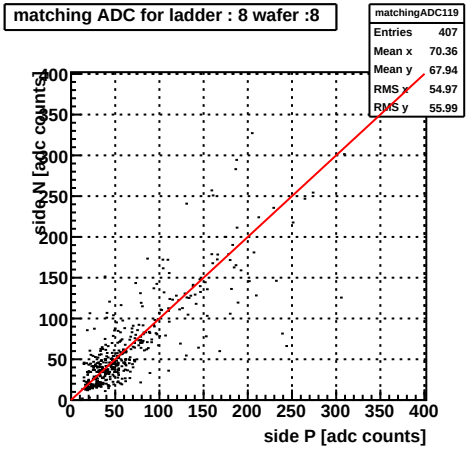

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 591
Mean x 63.16
Mean y 58.73
RMS x 62.56
RMS y 59.81
side N [adc counts]
side P [adc counts]

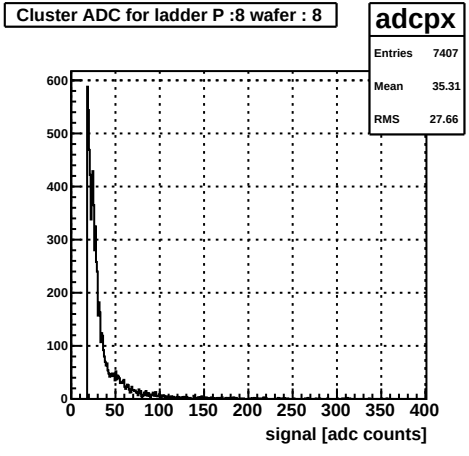

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15097
Mean 28.06
RMS 20.84
signal [adc counts]

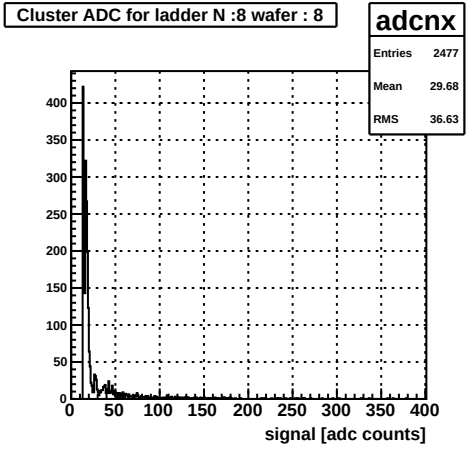

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2864
Mean 29.38
RMS 38.38
signal [adc counts]

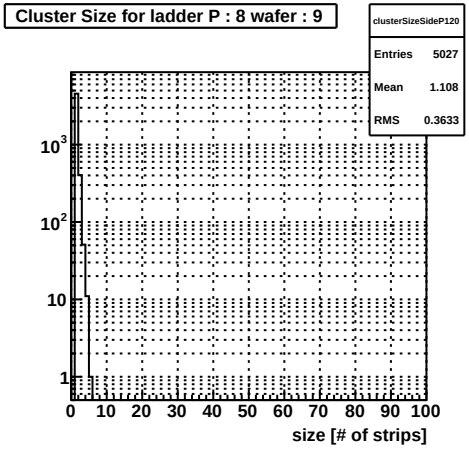

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7407
Mean 1.18
RMS 0.5275
size [# of strips]

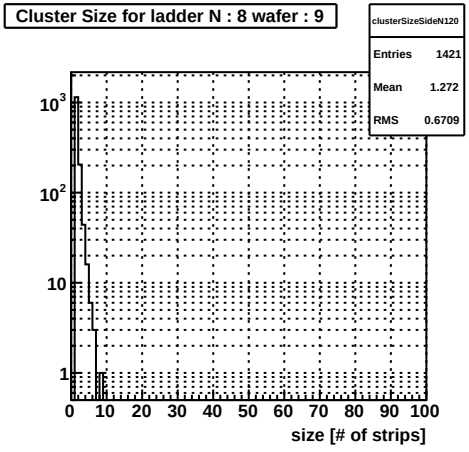

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2477
Mean 1.189
RMS 0.5145
size [# of strips]

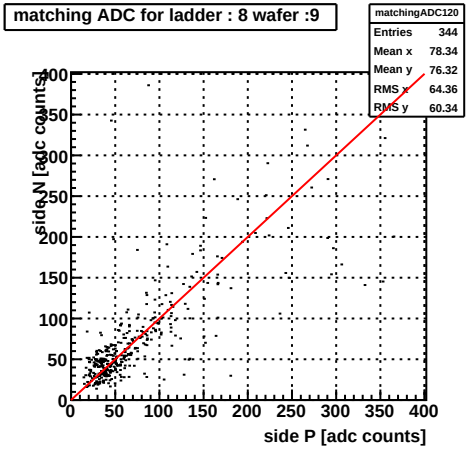

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 407
Mean x 70.36
Mean y 67.94
RMS x 54.97
RMS y 55.99
side N [adc counts]
side P [adc counts]

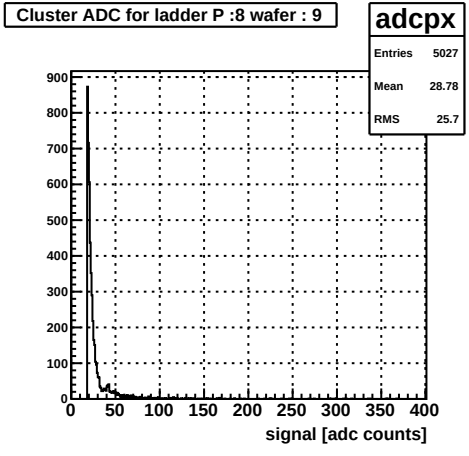

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7407
Mean 35.31
RMS 27.66
signal [adc counts]

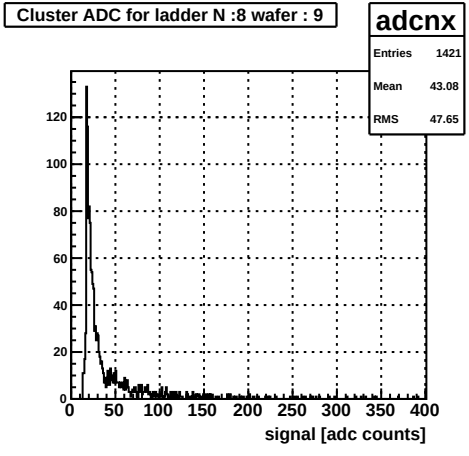

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2477
Mean 29.68
RMS 36.63
signal [adc counts]

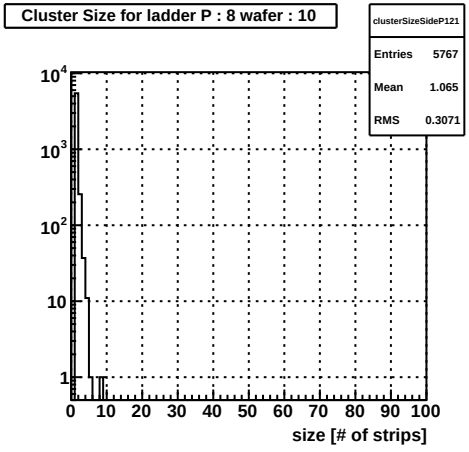

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5027
Mean 1.108
RMS 0.3633
size [# of strips]

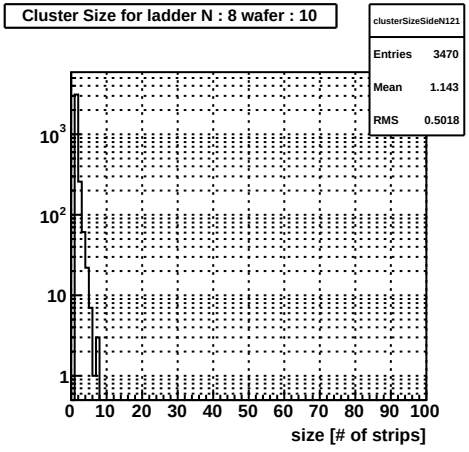

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1421
Mean 1.272
RMS 0.6709
size [# of strips]

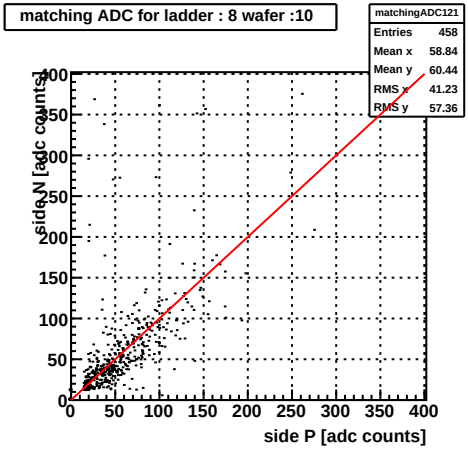

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 344
Mean x 78.34
Mean y 76.32
RMS x 64.36
RMS y 60.34
side N [adc counts]
side P [adc counts]

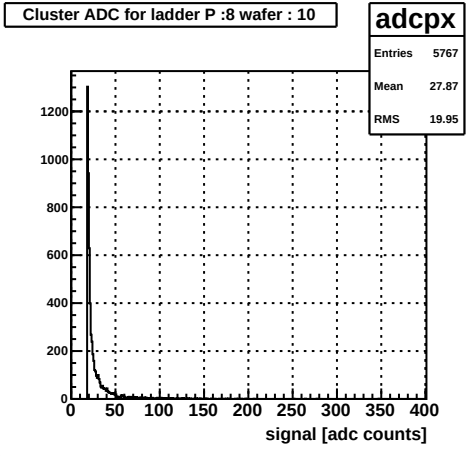

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5027
Mean 28.78
RMS 25.7
signal [adc counts]

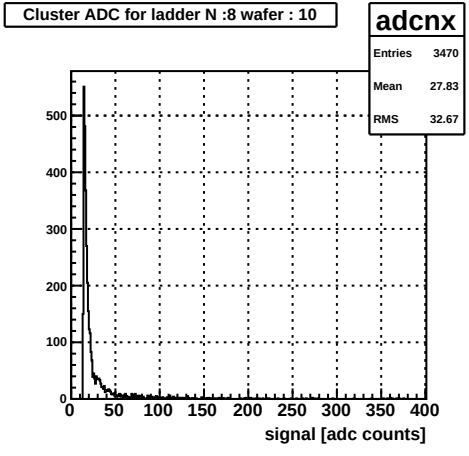

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1421
Mean 43.08
RMS 47.65
signal [adc counts]

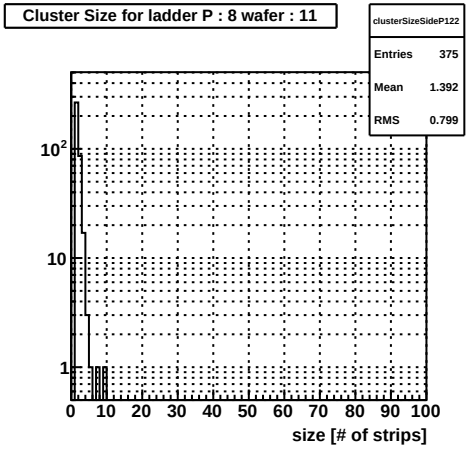

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5767
Mean 1.065
RMS 0.3071
size [# of strips]

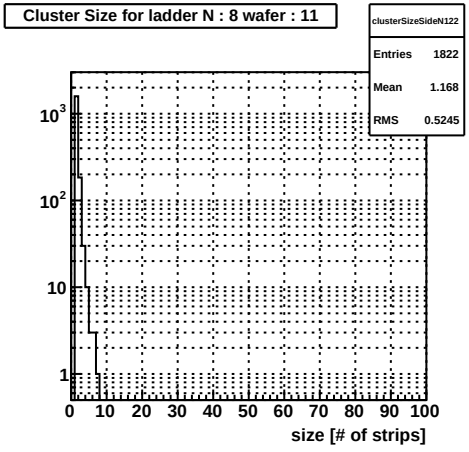

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3470
Mean 1.143
RMS 0.5018
size [# of strips]

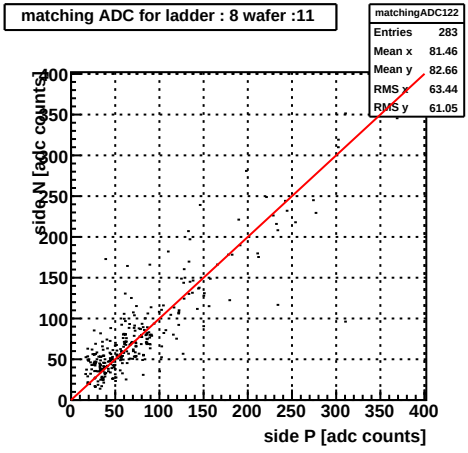

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 458
Mean x 58.84
Mean y 60.44
RMS x 41.23
RMS y 57.36
side N [adc counts]
side P [adc counts]

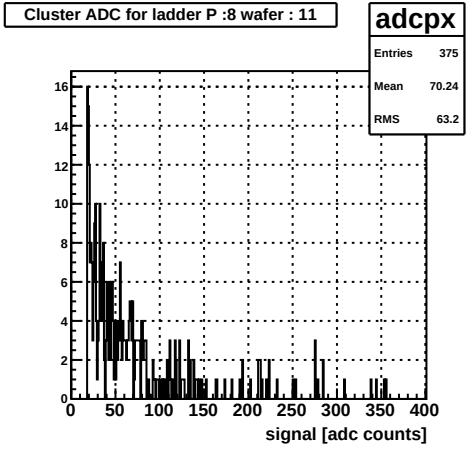

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5767
Mean 27.87
RMS 19.95
signal [adc counts]

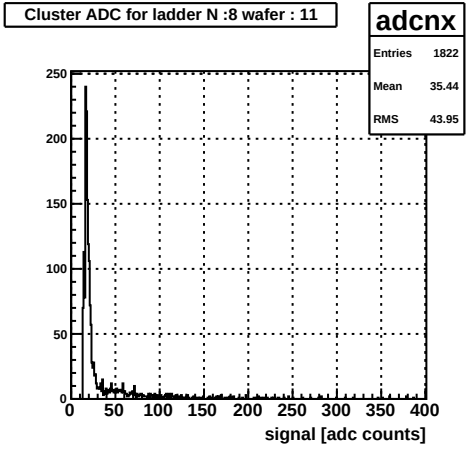

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3470
Mean 27.83
RMS 32.67
signal [adc counts]

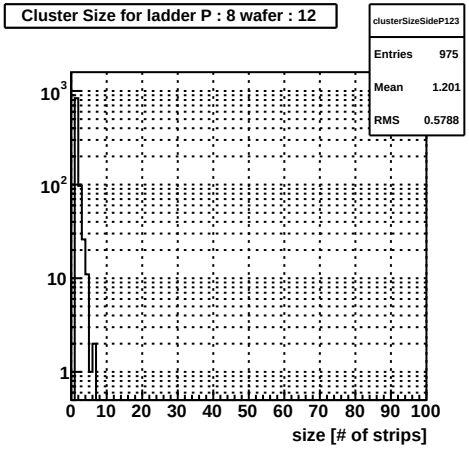

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 375
Mean 1.392
RMS 0.799
size [# of strips]

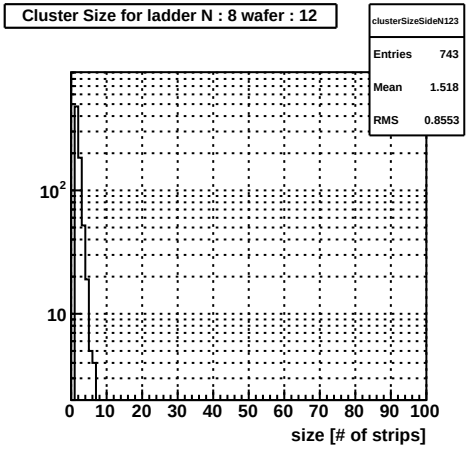

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1822
Mean 1.168
RMS 0.5245
size [# of strips]

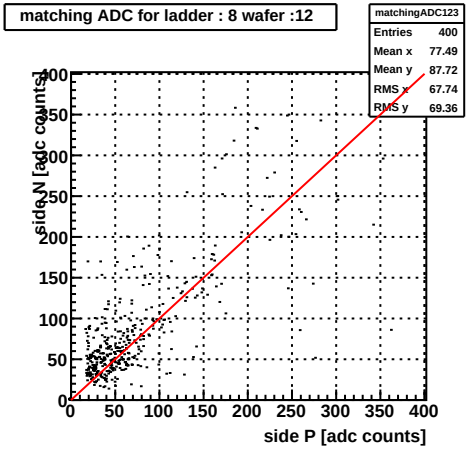

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 283
Mean x 81.46
Mean y 82.66
RMS x 63.44
RMS y 61.05
side N [adc counts]
side P [adc counts]

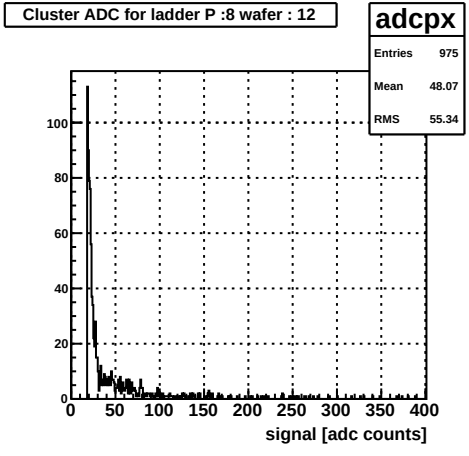

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 375
Mean 70.24
RMS 63.2
signal [adc counts]

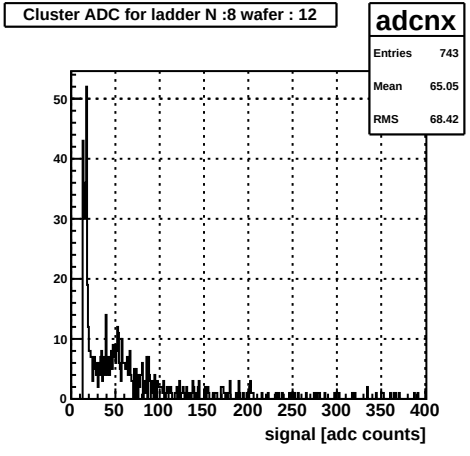

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1822
Mean 35.44
RMS 43.95
signal [adc counts]

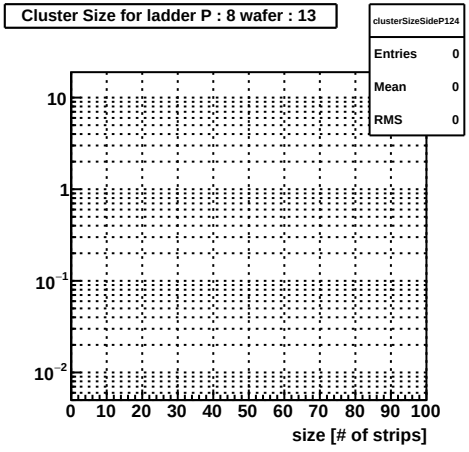

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 975
Mean 1.201
RMS 0.5788
size [# of strips]

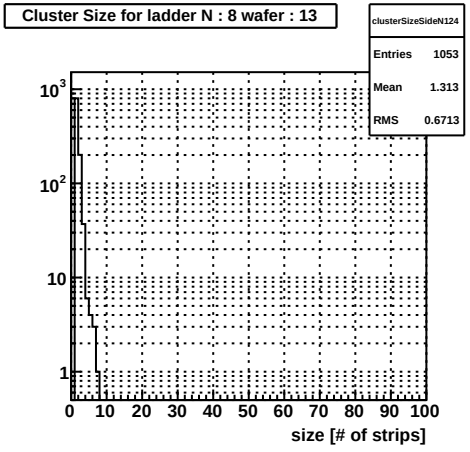

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 743
Mean 1.518
RMS 0.8553
size [# of strips]

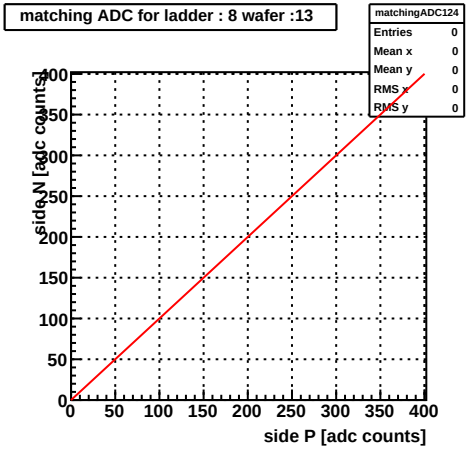

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 400
Mean x 77.49
Mean y 87.72
RMS x 67.74
RMS y 69.36
side N [adc counts]
side P [adc counts]

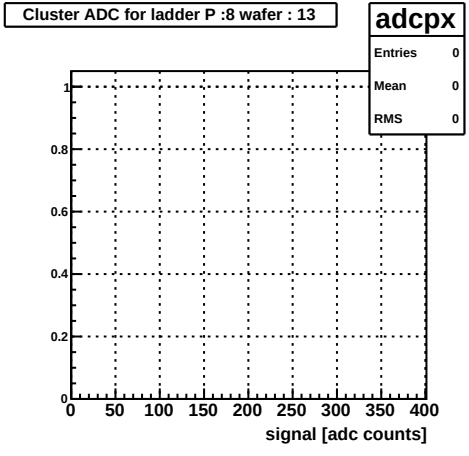

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 975
Mean 48.07
RMS 55.34
signal [adc counts]

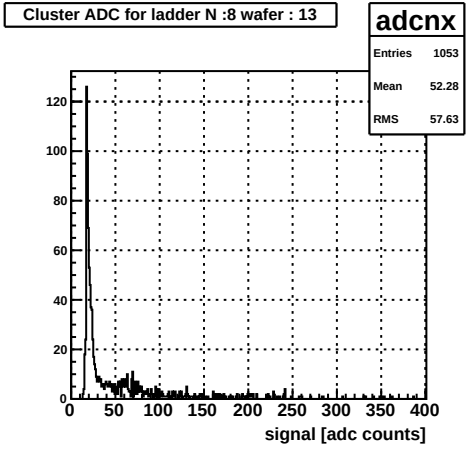

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 743
Mean 65.05
RMS 68.42
signal [adc counts]

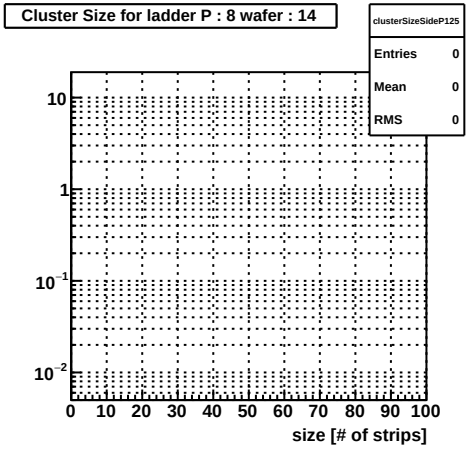

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

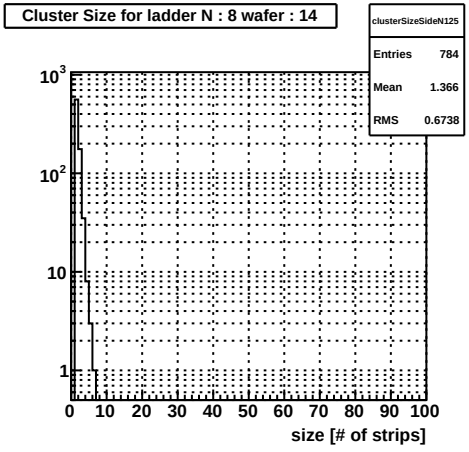

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1053
Mean 1.313
RMS 0.6713
size [# of strips]

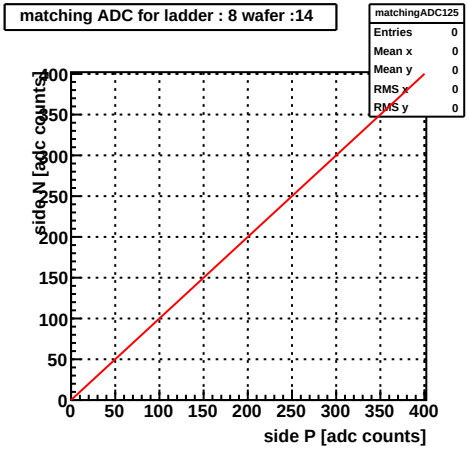

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

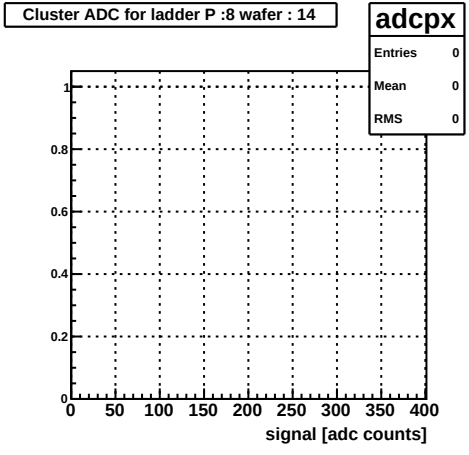

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

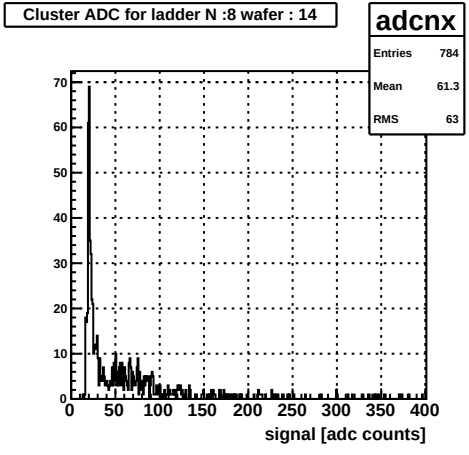

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1053
Mean 52.28
RMS 57.63
signal [adc counts]

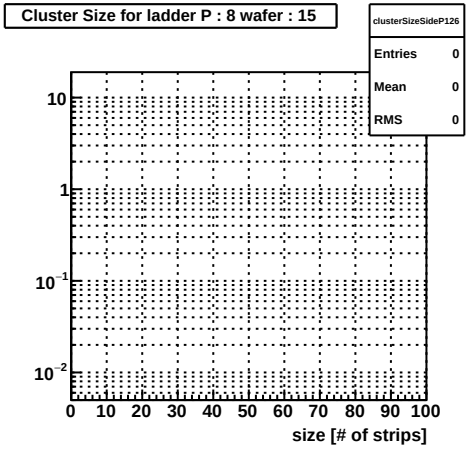

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

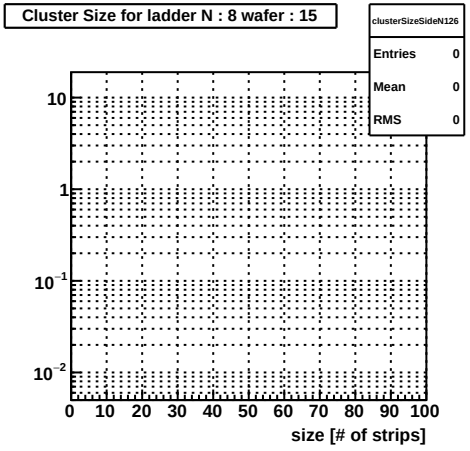

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 784
Mean 1.366
RMS 0.6738
size [# of strips]

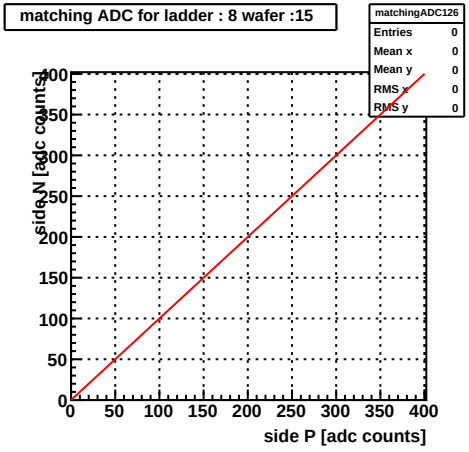

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

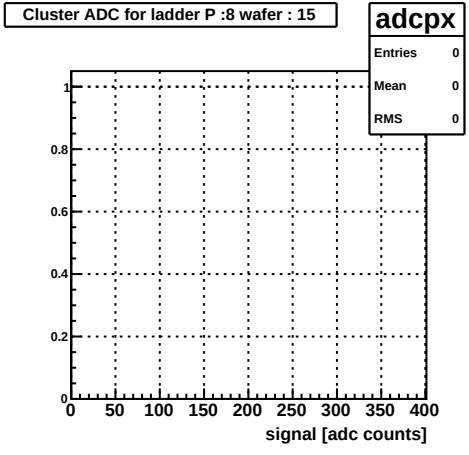

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

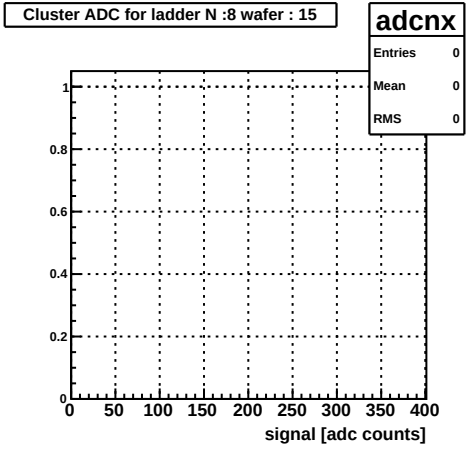

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 784
Mean 61.3
RMS 63
signal [adc counts]

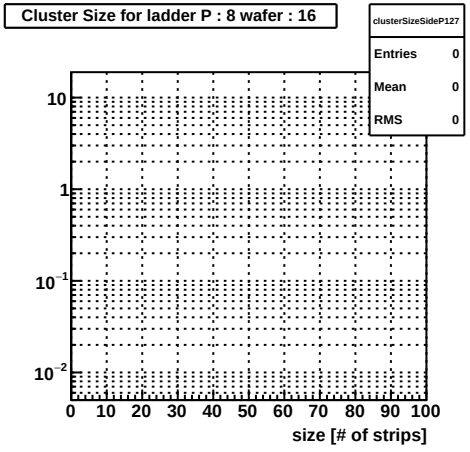

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

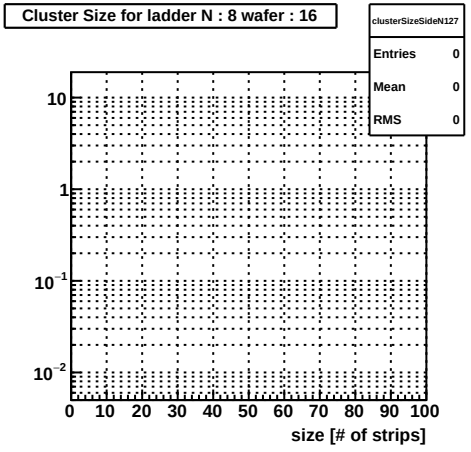

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

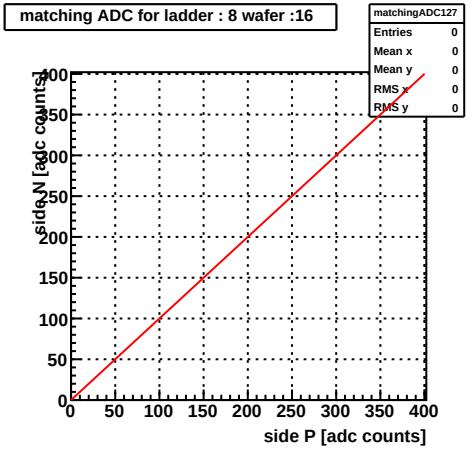

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

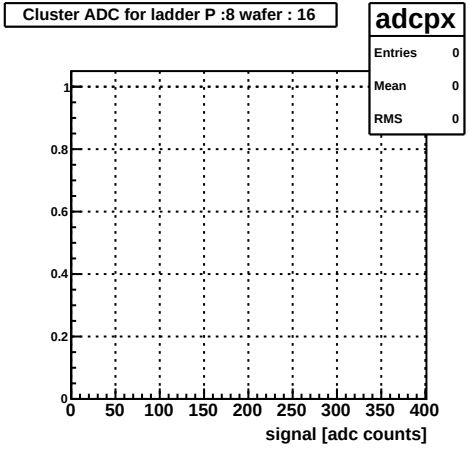

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

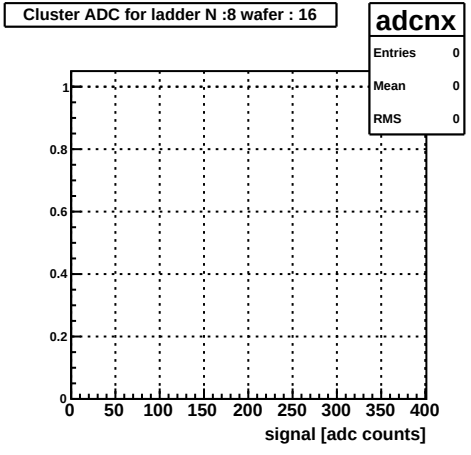

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

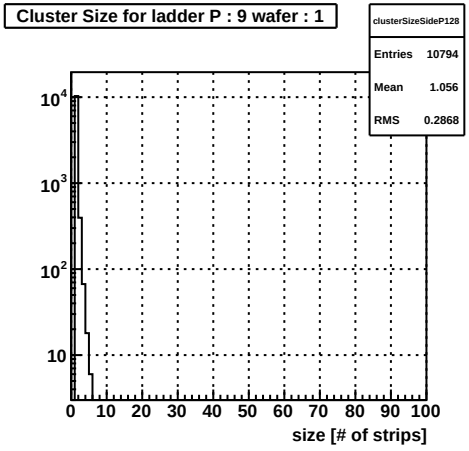

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

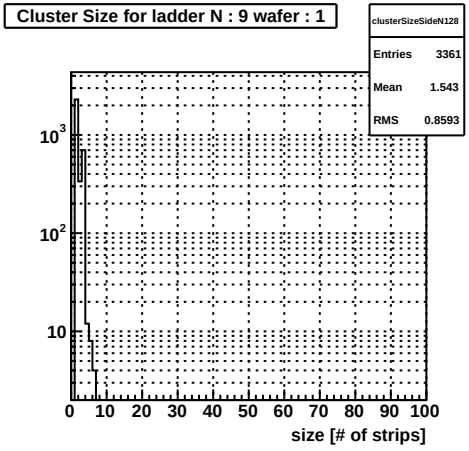

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

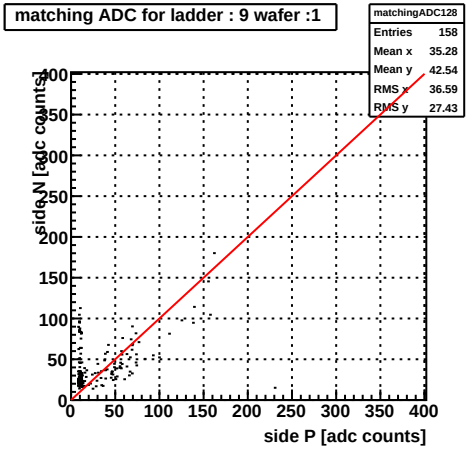

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

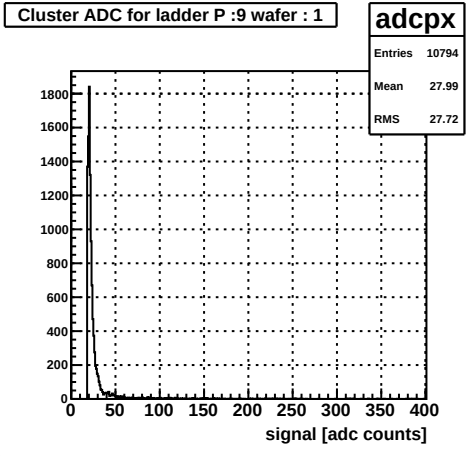

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

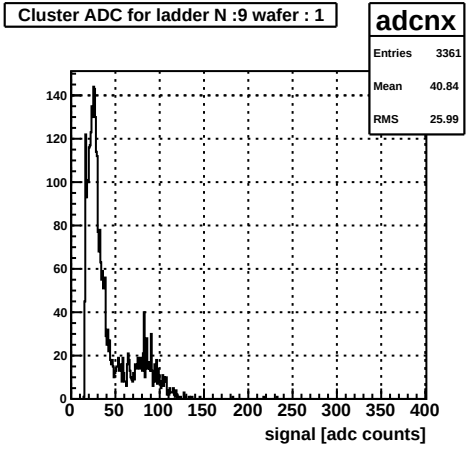

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

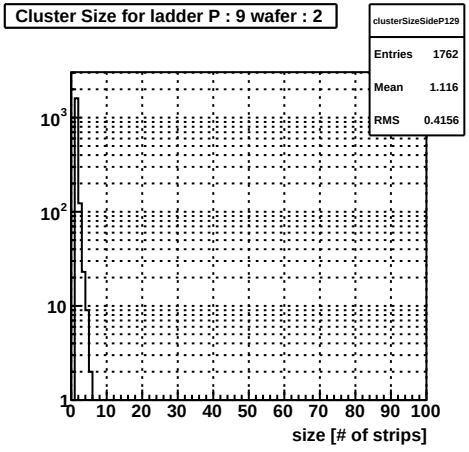

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10794
Mean 1.056
RMS 0.2868
size [# of strips]

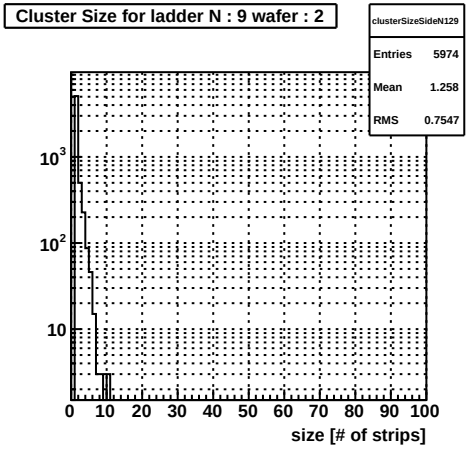

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3361
Mean 1.543
RMS 0.8593
size [# of strips]

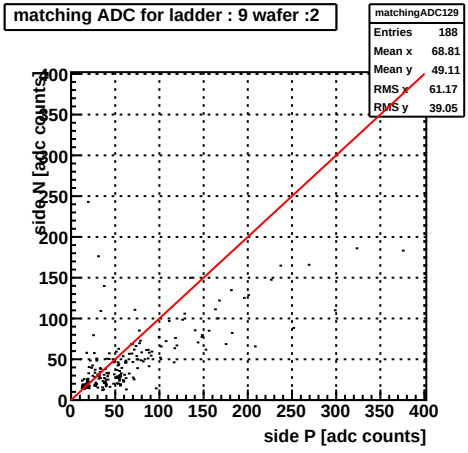

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 158
Mean x 35.28
Mean y 42.54
RMS x 36.59
RMS y 27.43
side N [adc counts]
side P [adc counts]

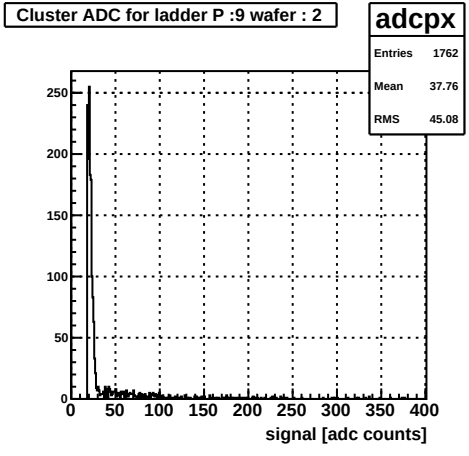

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10794
Mean 27.99
RMS 27.72
signal [adc counts]

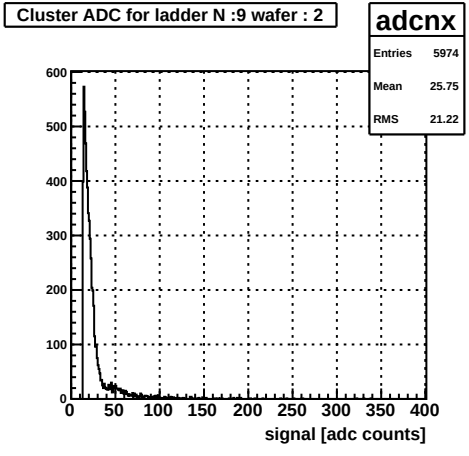

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3361
Mean 40.84
RMS 25.99
signal [adc counts]

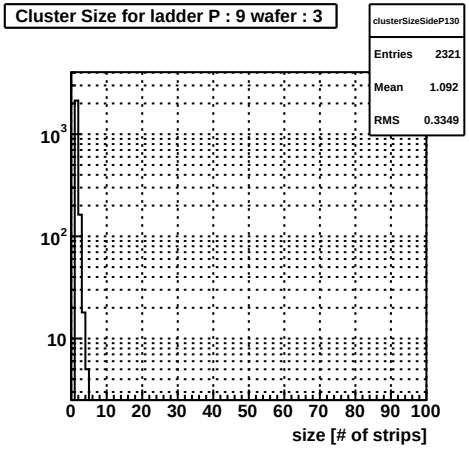

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1762
Mean 1.116
RMS 0.4156
size [# of strips]

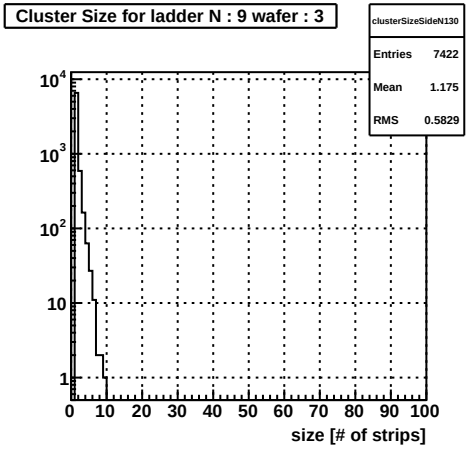

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5974
Mean 1.258
RMS 0.7547
size [# of strips]

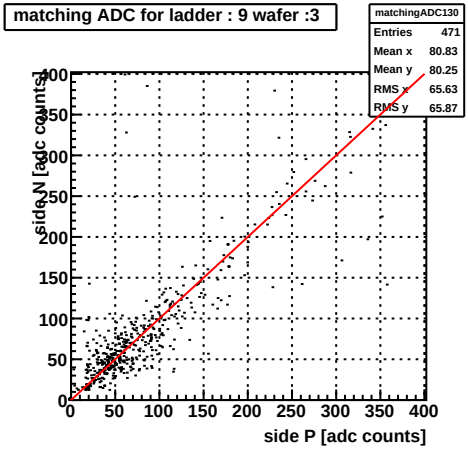

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 188
Mean x 68.81
Mean y 49.11
RMS x 61.17
RMS y 39.05
side N [adc counts]
side P [adc counts]

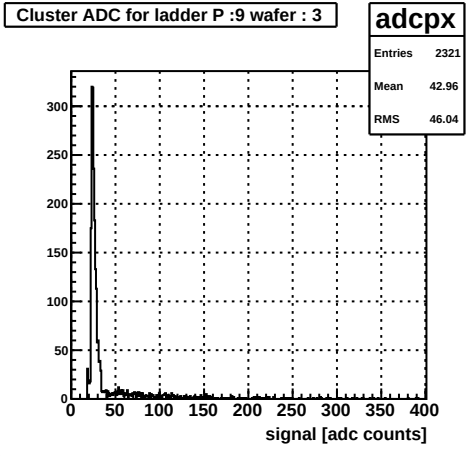

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1762
Mean 37.76
RMS 45.08
signal [adc counts]

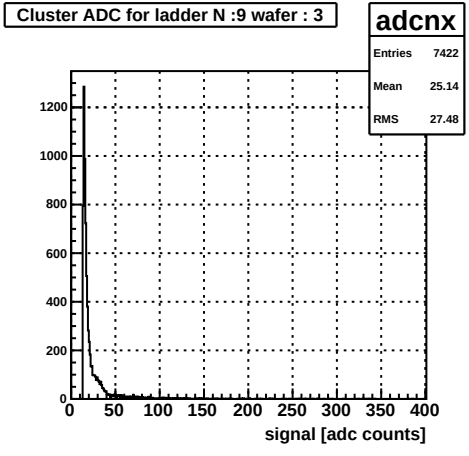

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5974
Mean 25.75
RMS 21.22
signal [adc counts]

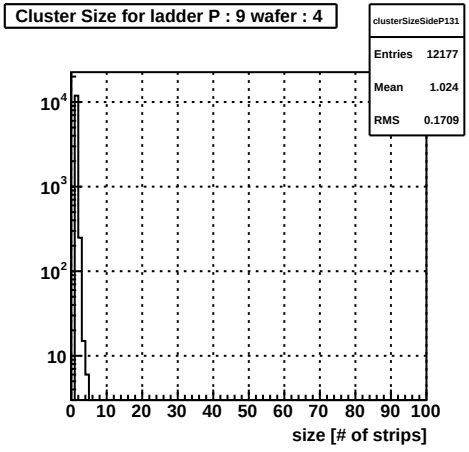

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2321
Mean 1.092
RMS 0.3349
size [# of strips]

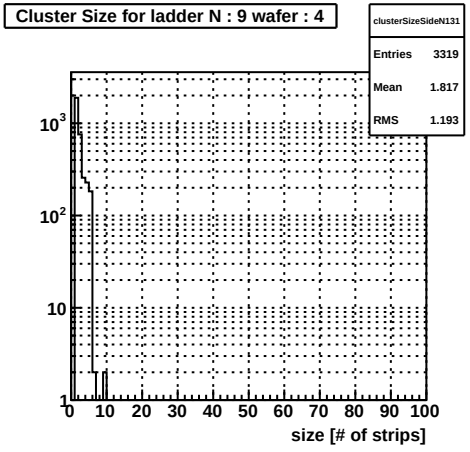

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 7422
Mean 1.175
RMS 0.5829
size [# of strips]

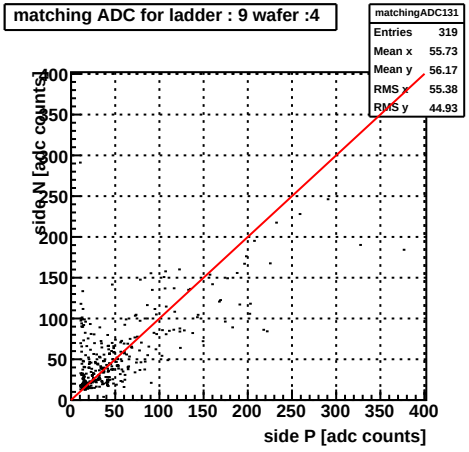

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 471
Mean x 80.83
Mean y 80.25
RMS x 65.63
RMS y 65.87
side N [adc counts]
side P [adc counts]

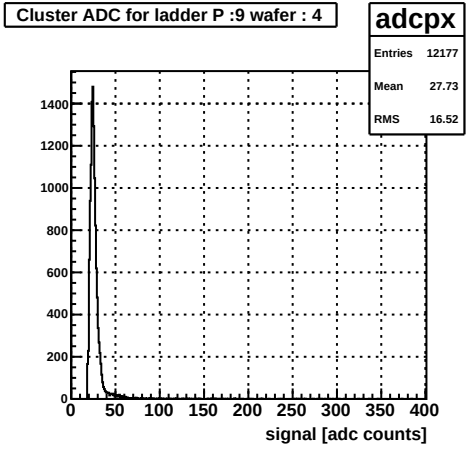

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2321
Mean 42.96
RMS 46.04
signal [adc counts]

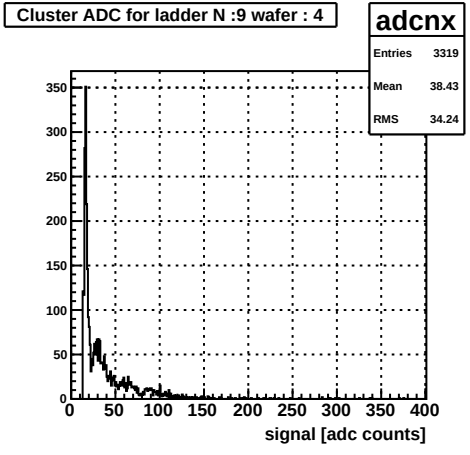

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 7422
Mean 25.14
RMS 27.48
signal [adc counts]

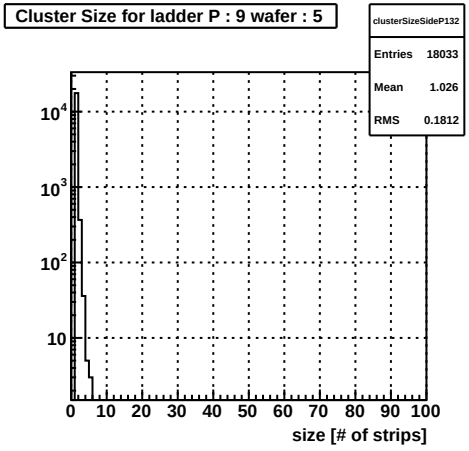

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 12177
Mean 1.024
RMS 0.1709
size [# of strips]

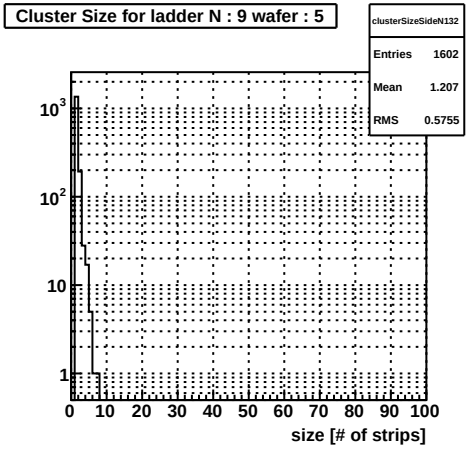

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3319
Mean 1.817
RMS 1.193
size [# of strips]

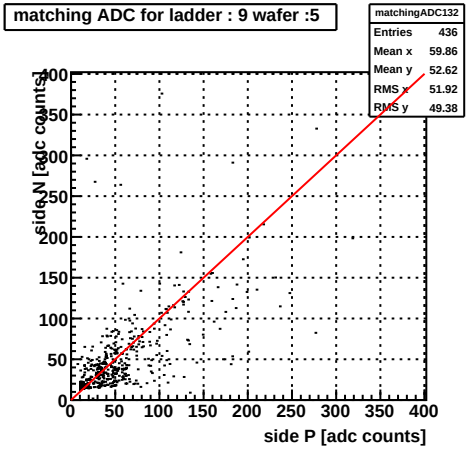

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 319
Mean x 55.73
Mean y 56.17
RMS x 55.38
RMS y 44.93
side N [adc counts]
side P [adc counts]

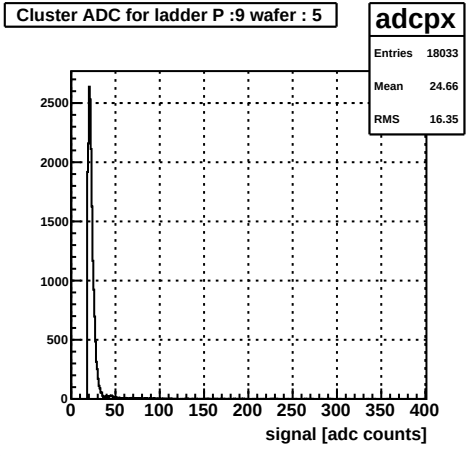

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 12177
Mean 27.73
RMS 16.52
signal [adc counts]

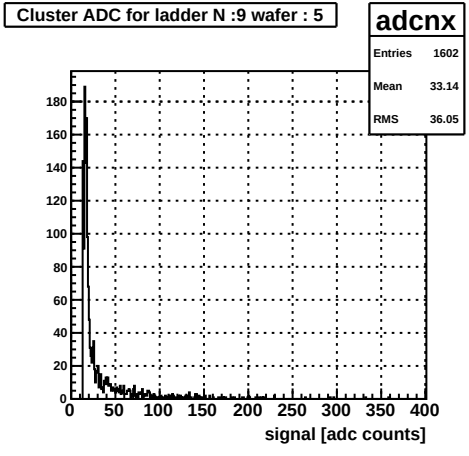

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3319
Mean 38.43
RMS 34.24
signal [adc counts]

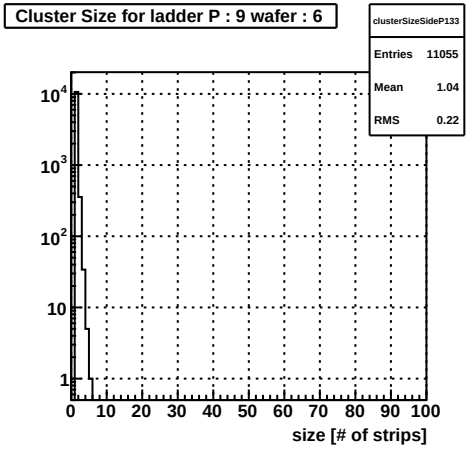

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 18033
Mean 1.026
RMS 0.1812
size [# of strips]

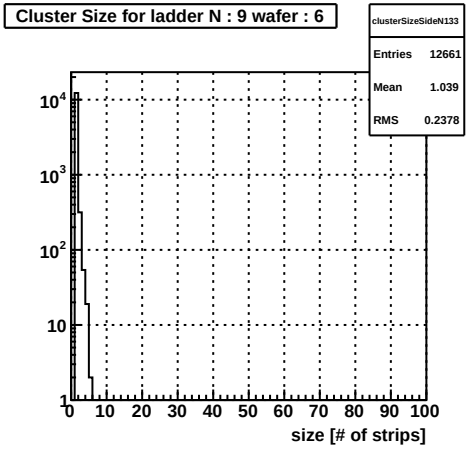

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1602
Mean 1.207
RMS 0.5755
size [# of strips]

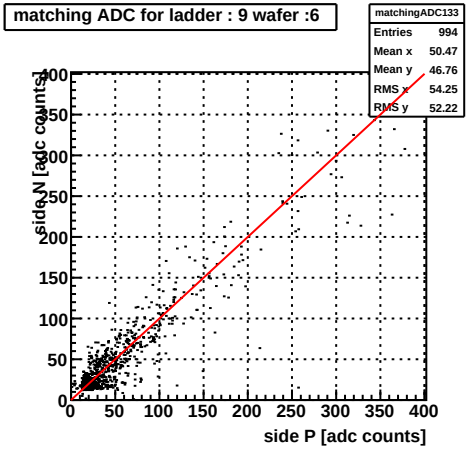

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 436
Mean x 59.86
Mean y 52.62
RMS x 51.92
RMS y 49.38
side N [adc counts]
side P [adc counts]

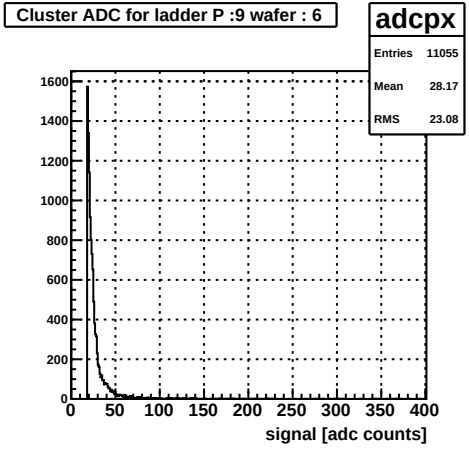

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 18033
Mean 24.66
RMS 16.35
signal [adc counts]

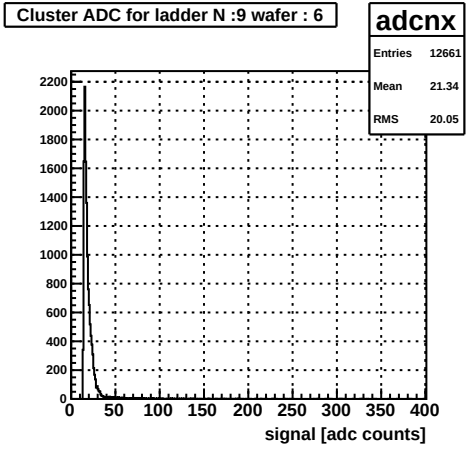

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1602
Mean 33.14
RMS 36.05
signal [adc counts]

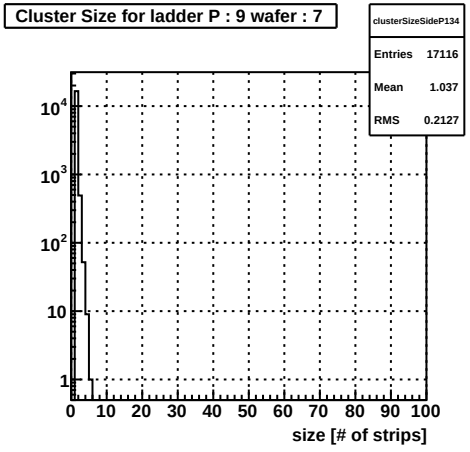

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 11055
Mean 1.04
RMS 0.22
size [# of strips]

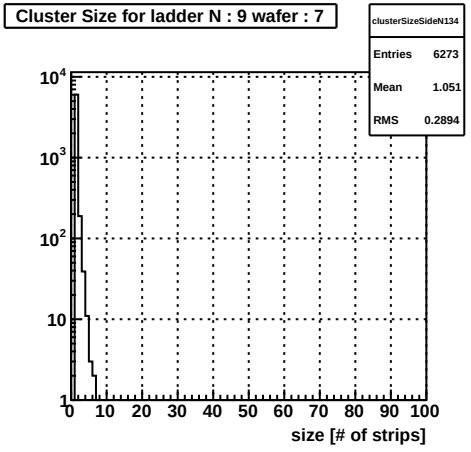

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12661
Mean 1.039
RMS 0.2378
size [# of strips]

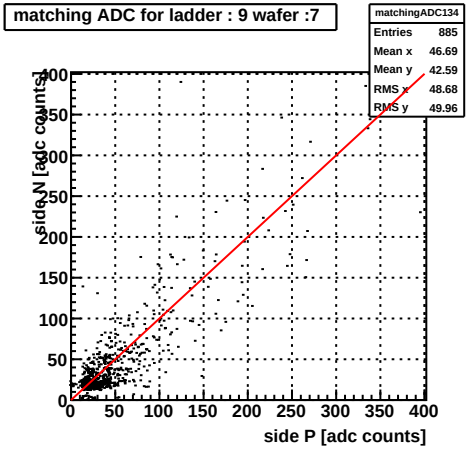

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 994
Mean x 50.47
Mean y 46.76
RMS x 54.25
RMS y 52.22
side N [adc counts]
side P [adc counts]

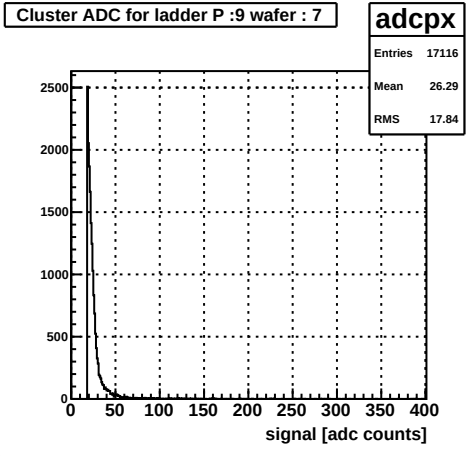

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 11055
Mean 28.17
RMS 23.08
signal [adc counts]

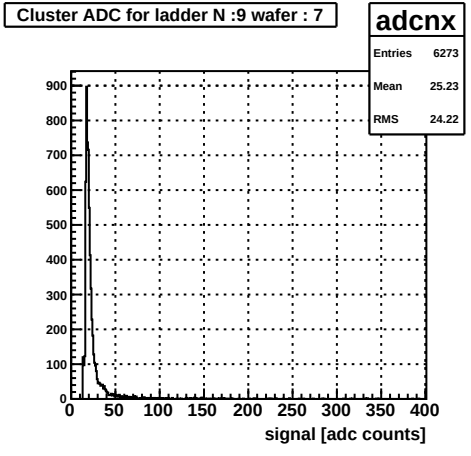

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12661
Mean 21.34
RMS 20.05
signal [adc counts]

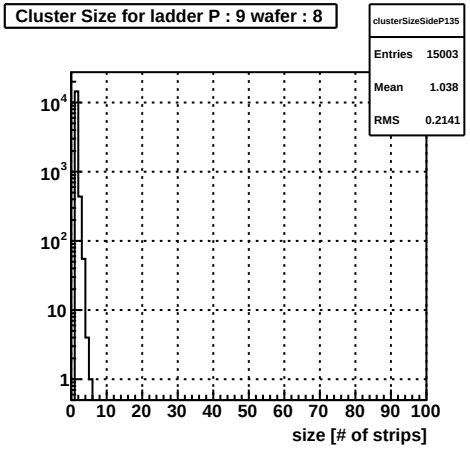

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 17116
Mean 1.037
RMS 0.2127
size [# of strips]

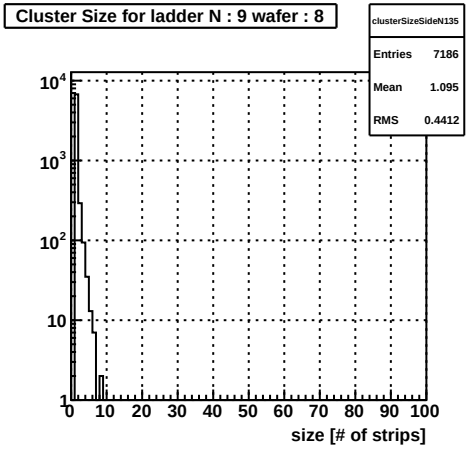

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 6273
Mean 1.051
RMS 0.2894
size [# of strips]

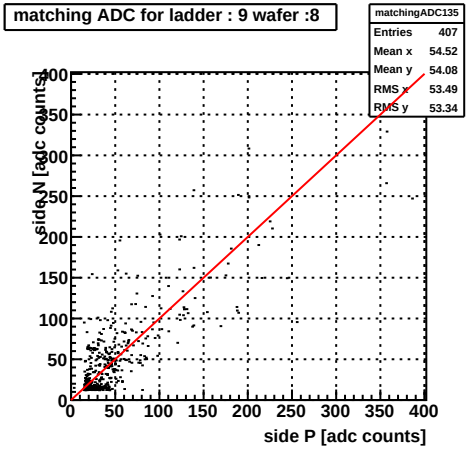

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 885
Mean x 46.69
Mean y 42.59
RMS x 48.68
RMS y 49.96
side N [adc counts]
side P [adc counts]

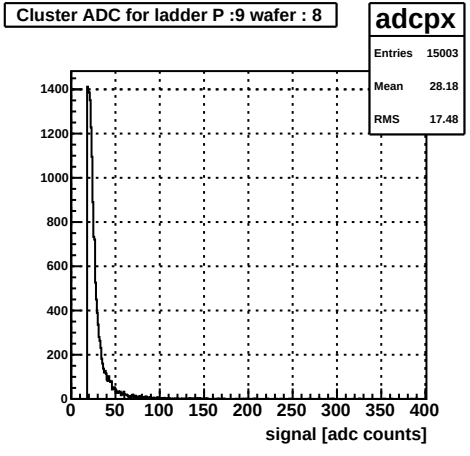

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 17116
Mean 26.29
RMS 17.84
signal [adc counts]

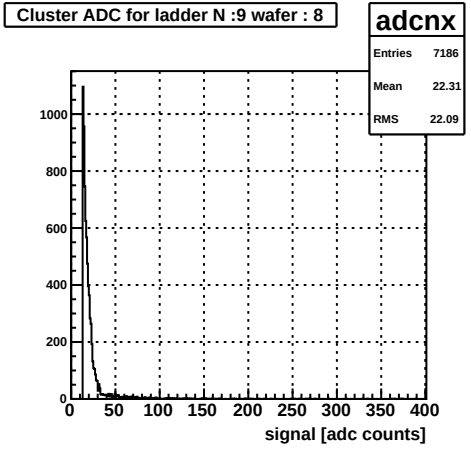

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 6273
Mean 25.23
RMS 24.22
signal [adc counts]

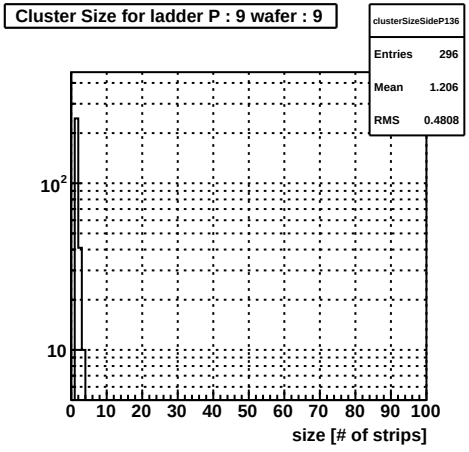

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15003
Mean 1.038
RMS 0.2141
size [# of strips]

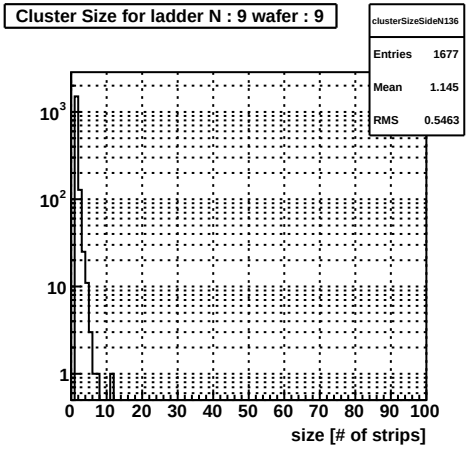

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7186
Mean 1.095
RMS 0.4412
size [# of strips]

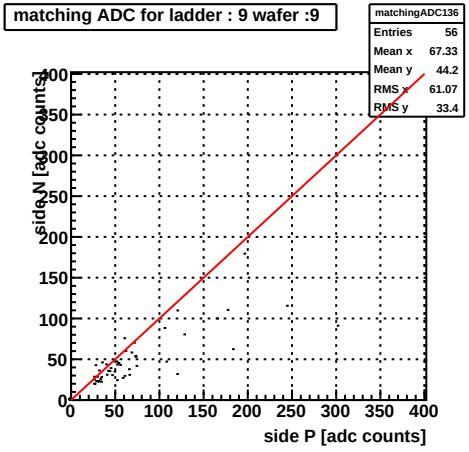

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 407
Mean x 54.52
Mean y 54.08
RMS x 53.49
RMS y 53.34
side N [adc counts]
side P [adc counts]

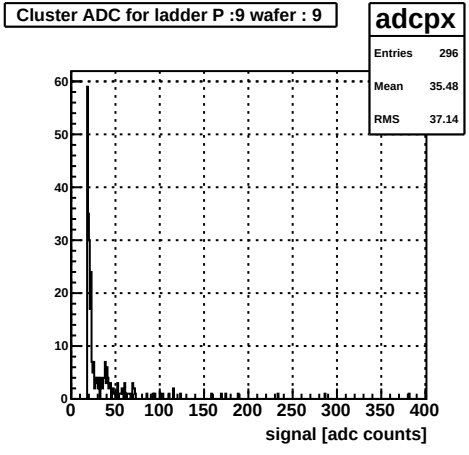

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15003
Mean 28.18
RMS 17.48
signal [adc counts]

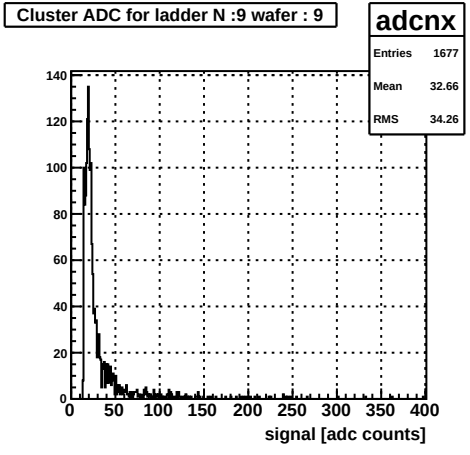

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7186
Mean 22.31
RMS 22.09
signal [adc counts]

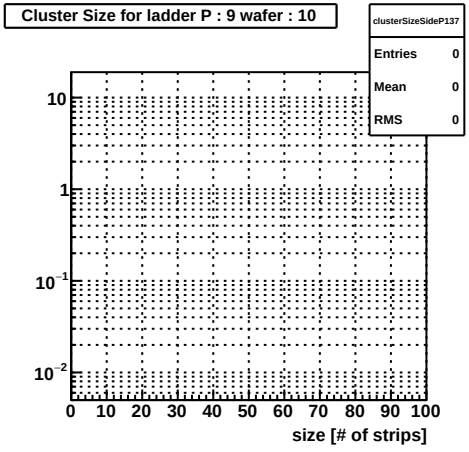

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 296
Mean 1.206
RMS 0.4808
size [# of strips]

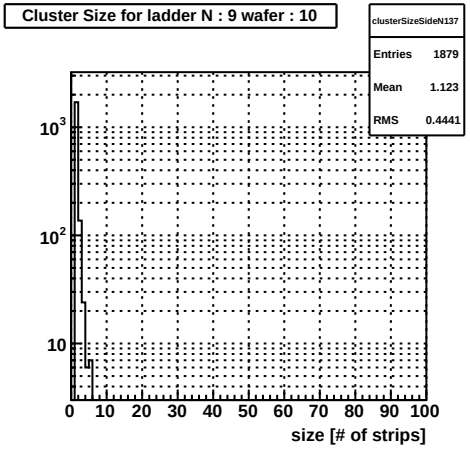

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1677
Mean 1.145
RMS 0.5463
size [# of strips]

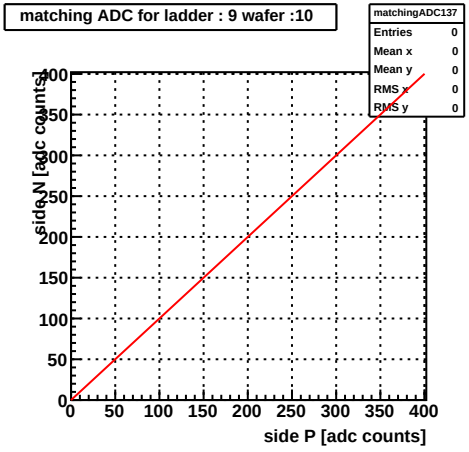

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 56
Mean x 67.33
Mean y 44.2
RMS x 61.07
RMS y 33.4
side N [adc counts]
side P [adc counts]

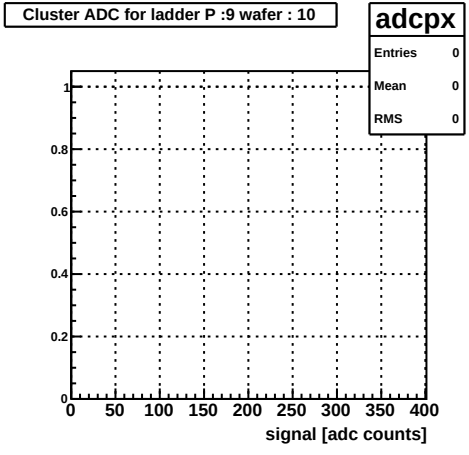

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 296
Mean 35.48
RMS 37.14
signal [adc counts]

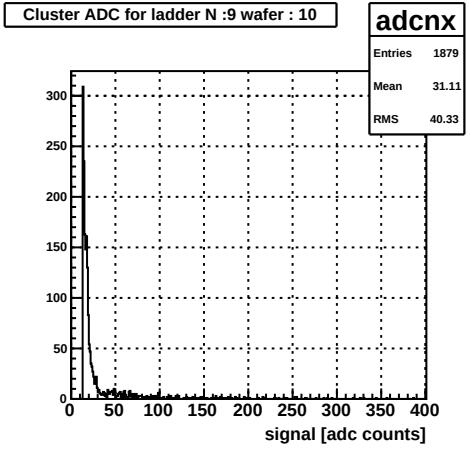

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1677
Mean 32.66
RMS 34.26
signal [adc counts]

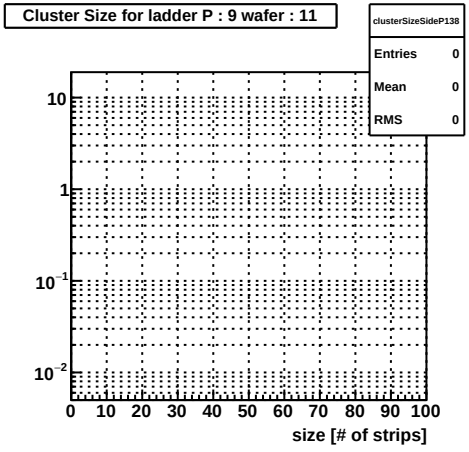

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

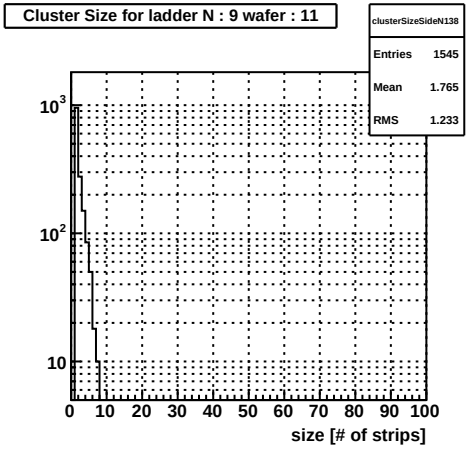

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1879
Mean 1.123
RMS 0.4441
size [# of strips]

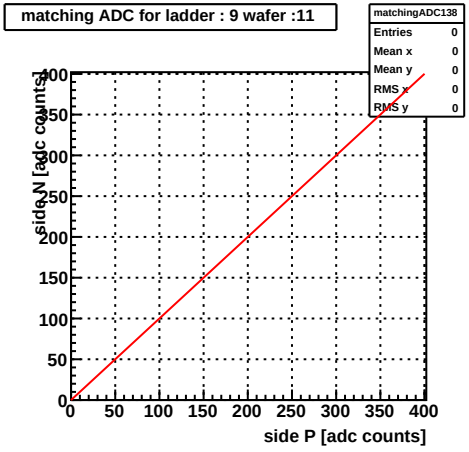

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

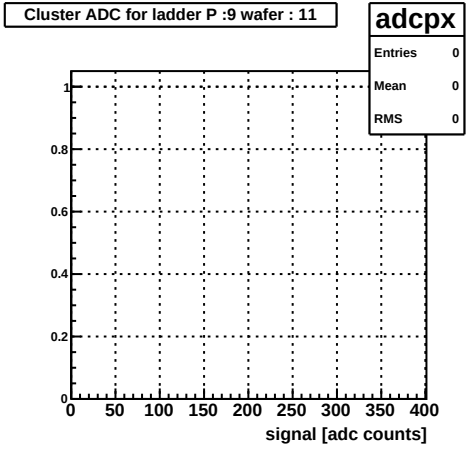

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

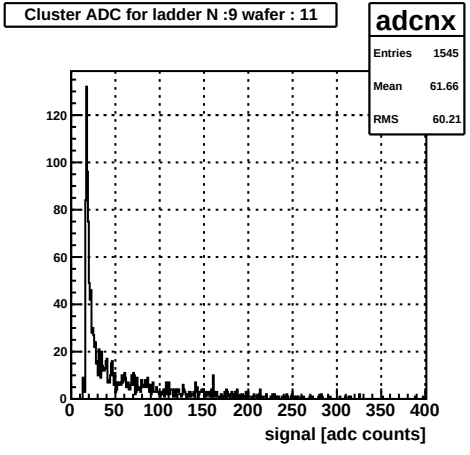

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1879
Mean 31.11
RMS 40.33
signal [adc counts]

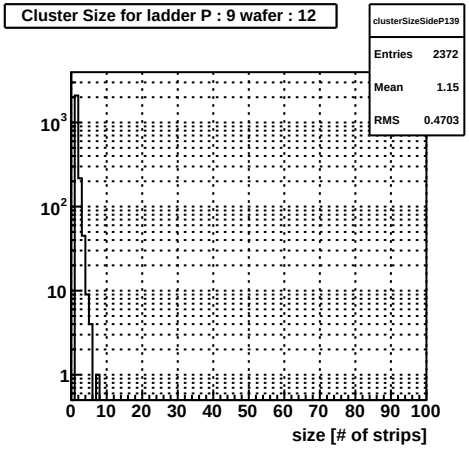

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

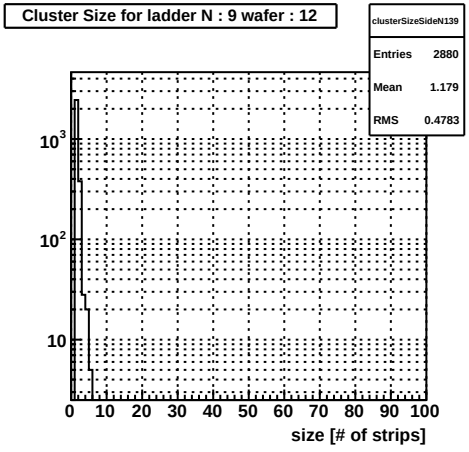

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1545
Mean 1.765
RMS 1.233
size [# of strips]

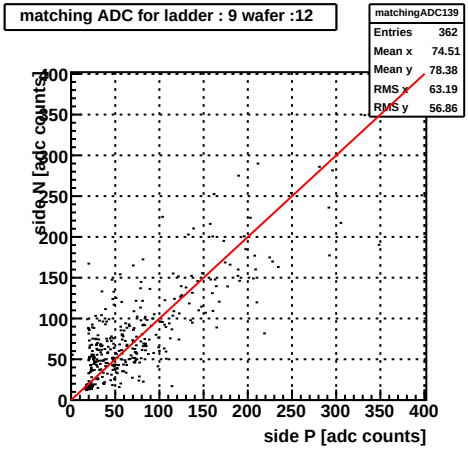

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

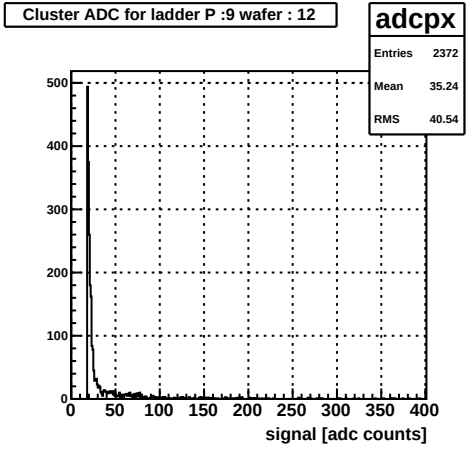

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

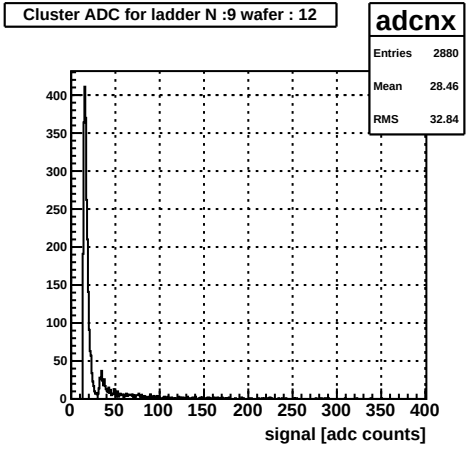

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1545
Mean 61.66
RMS 60.21
signal [adc counts]

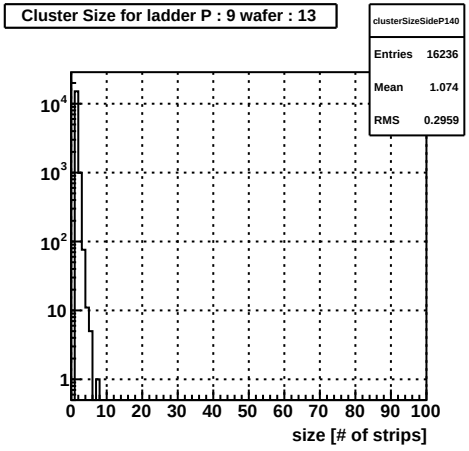

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2372
Mean 1.15
RMS 0.4703
size [# of strips]

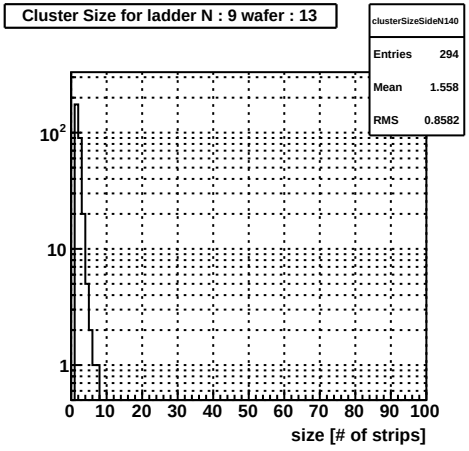

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2880
Mean 1.179
RMS 0.4783
size [# of strips]

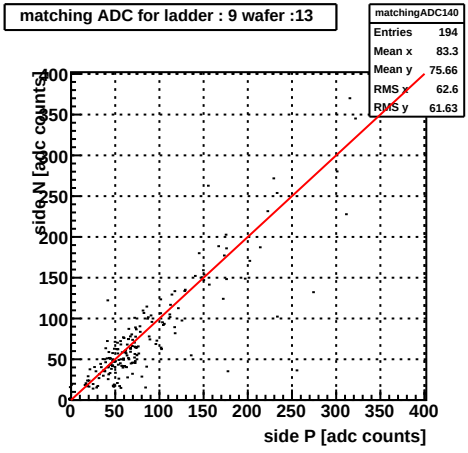

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 362
Mean x 74.51
Mean y 78.38
RMS x 63.19
RMS y 56.86
side N [adc counts]
side P [adc counts]

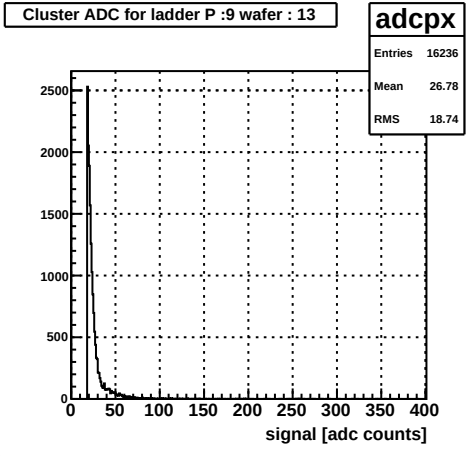

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2372
Mean 35.24
RMS 40.54
signal [adc counts]

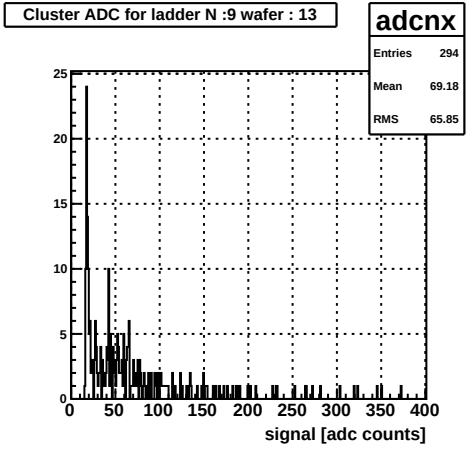

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2880
Mean 28.46
RMS 32.84
signal [adc counts]

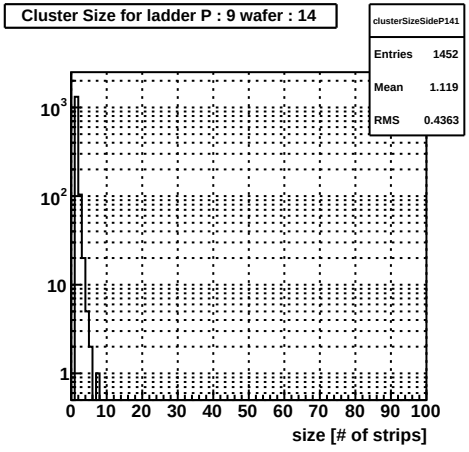

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16236
Mean 1.074
RMS 0.2959
size [# of strips]

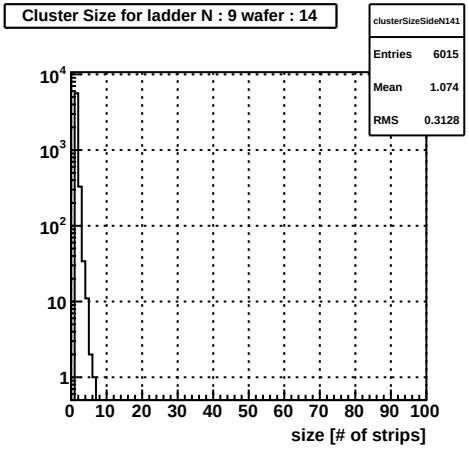

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 294
Mean 1.558
RMS 0.8582
size [# of strips]

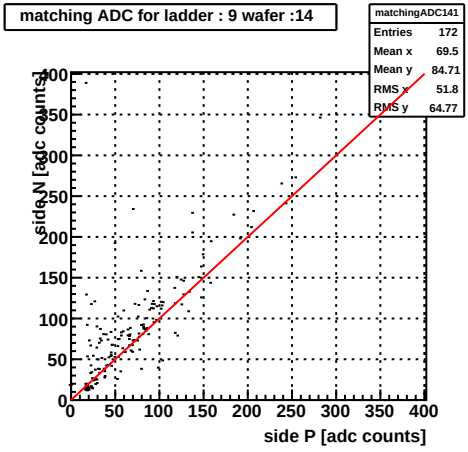

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 194
Mean x 83.3
Mean y 75.66
RMS x 62.6
RMS y 61.63
side N [adc counts]
side P [adc counts]

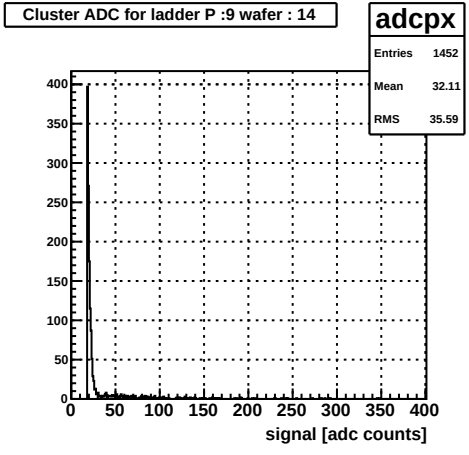

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16236
Mean 26.78
RMS 18.74
signal [adc counts]

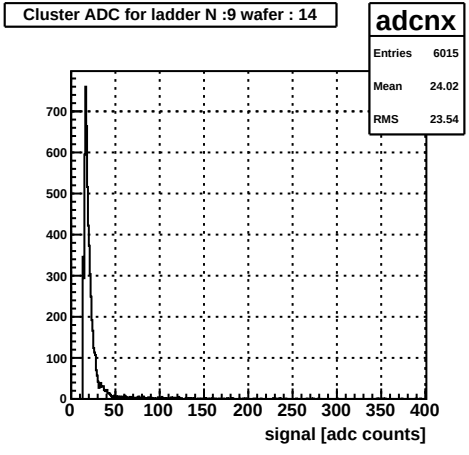

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 294
Mean 69.18
RMS 65.85
signal [adc counts]

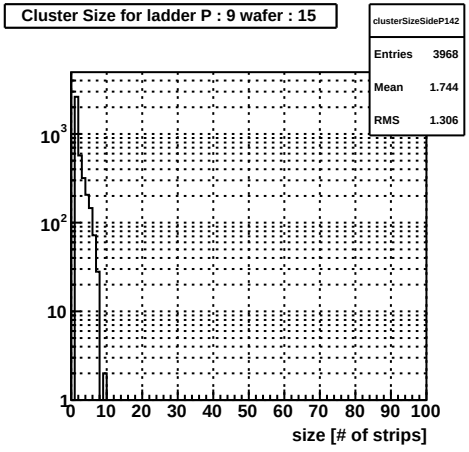

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1452
Mean 1.119
RMS 0.4363
size [# of strips]

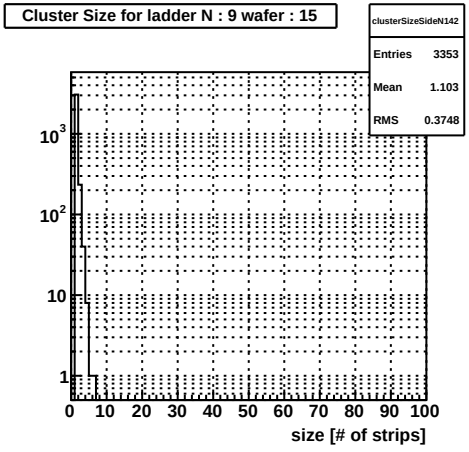

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6015
Mean 1.074
RMS 0.3128
size [# of strips]

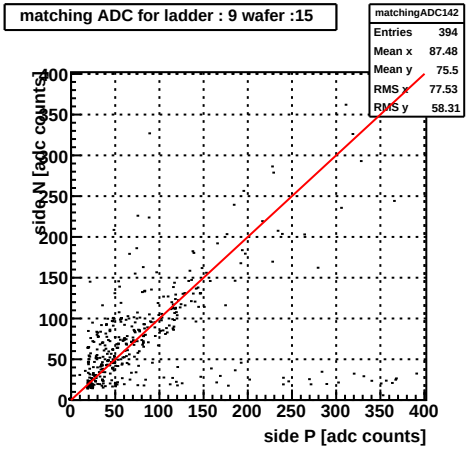

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 172
Mean x 69.5
Mean y 84.71
RMS x 51.8
RMS y 64.77
side N [adc counts]
side P [adc counts]

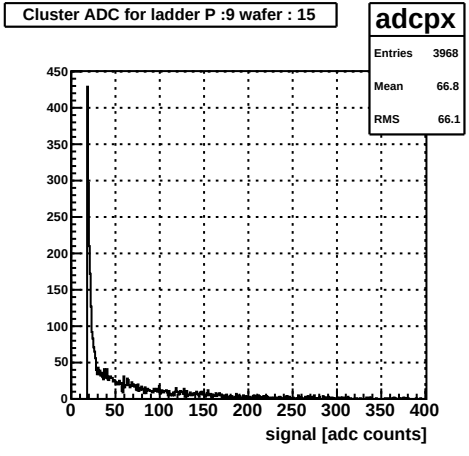

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1452
Mean 32.11
RMS 35.59
signal [adc counts]

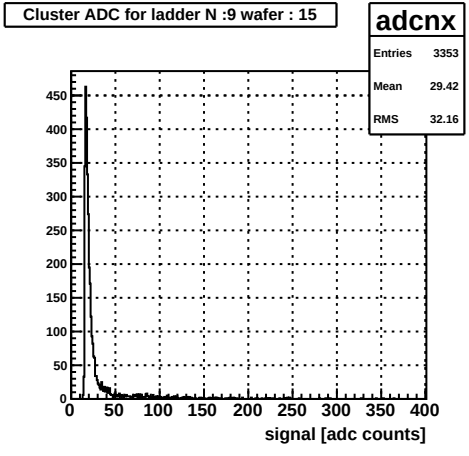

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6015
Mean 24.02
RMS 23.54
signal [adc counts]

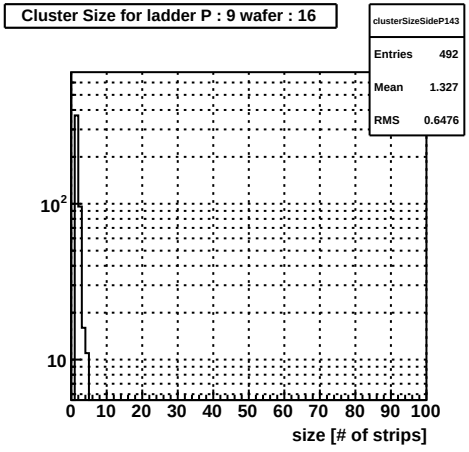

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3968
Mean 1.744
RMS 1.306
size [# of strips]

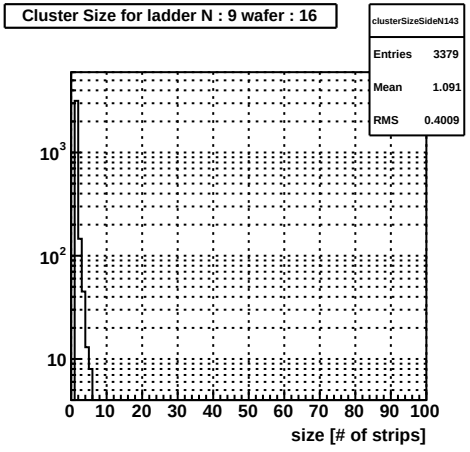

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3353
Mean 1.103
RMS 0.3748
size [# of strips]

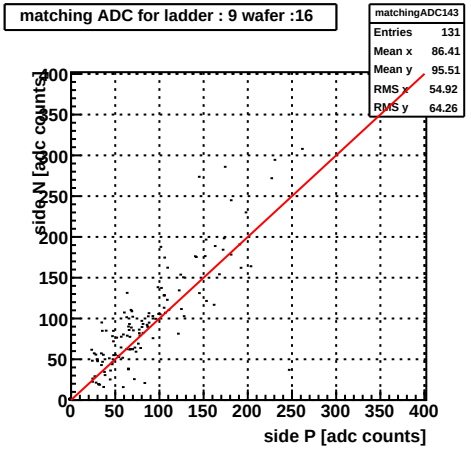

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 394
Mean x 87.48
Mean y 75.5
RMS x 77.53
RMS y 58.31
side N [adc counts]
side P [adc counts]

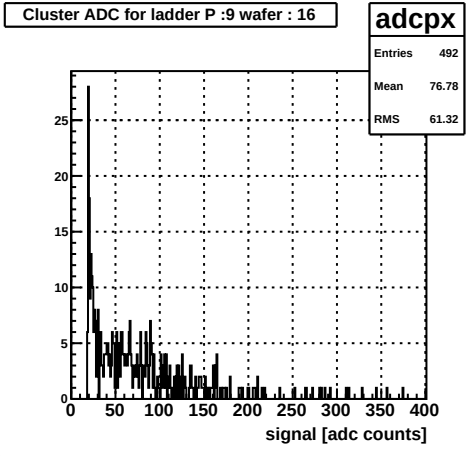

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3968
Mean 66.8
RMS 66.1
signal [adc counts]

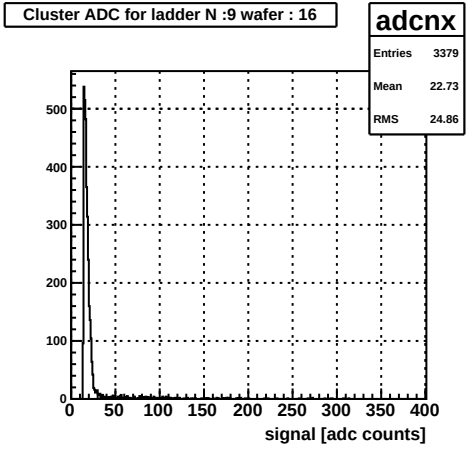

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3353
Mean 29.42
RMS 32.16
signal [adc counts]

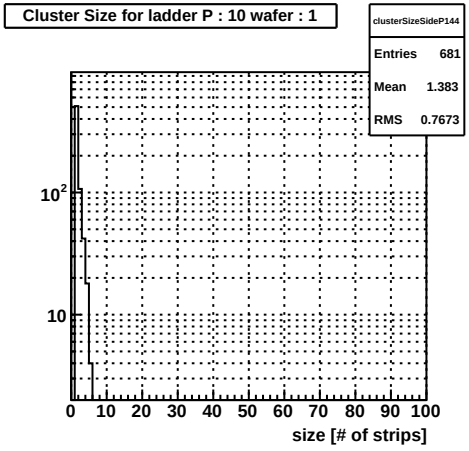

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 492
Mean 1.327
RMS 0.6476
size [# of strips]

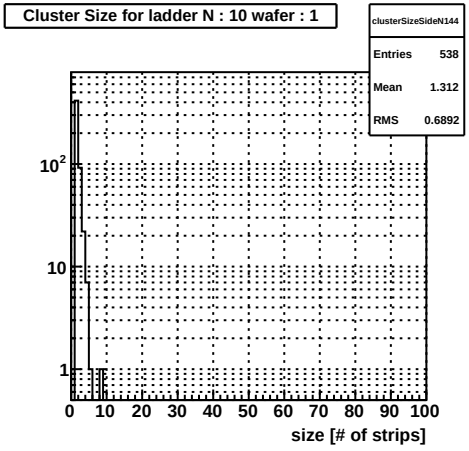

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3379
Mean 1.091
RMS 0.4009
size [# of strips]

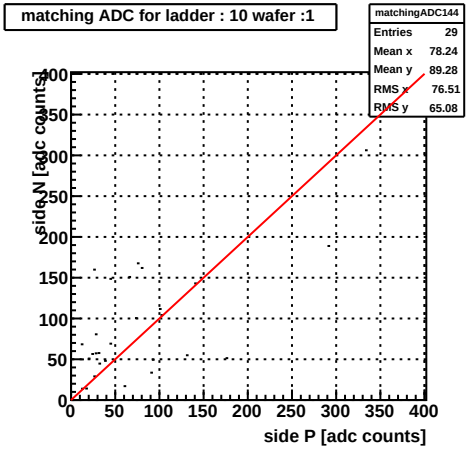

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 131
Mean x 86.41
Mean y 95.51
RMS x 54.92
RMS y 64.26
side N [adc counts]
side P [adc counts]

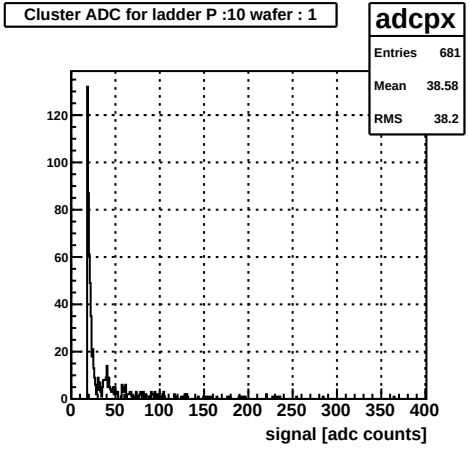

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 492
Mean 76.78
RMS 61.32
signal [adc counts]

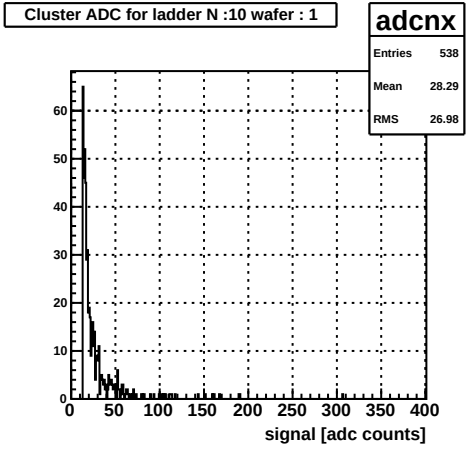

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3379
Mean 22.73
RMS 24.86
signal [adc counts]

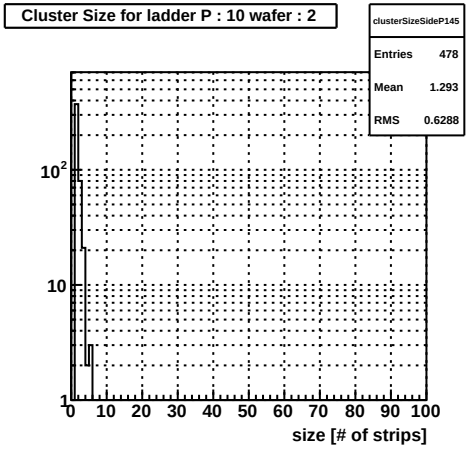

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 681
Mean 1.383
RMS 0.7673
size [# of strips]

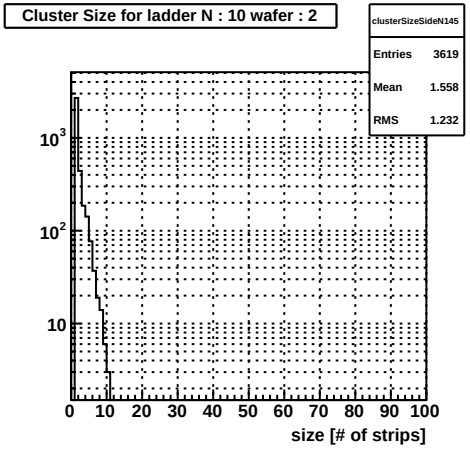

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 538
Mean 1.312
RMS 0.6892
size [# of strips]

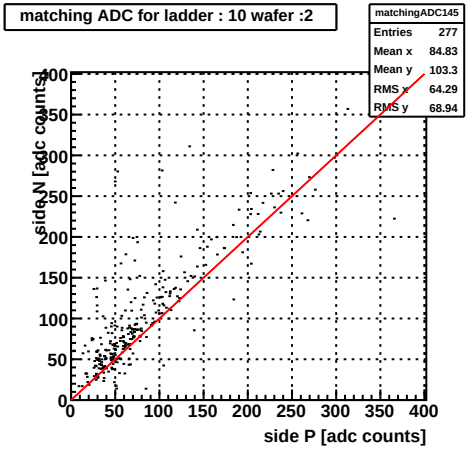

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 29
Mean x 78.24
Mean y 89.28
RMS x 76.51
RMS y 65.08
side N [adc counts]
side P [adc counts]

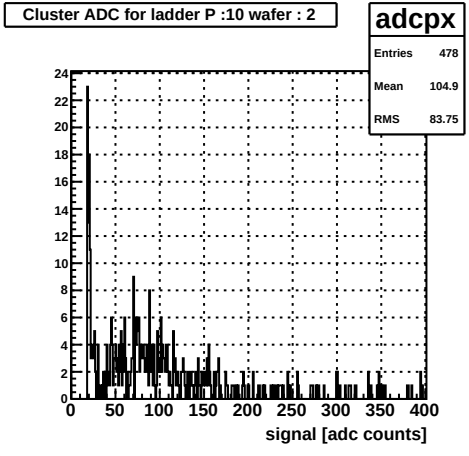

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 681
Mean 38.58
RMS 38.2
signal [adc counts]

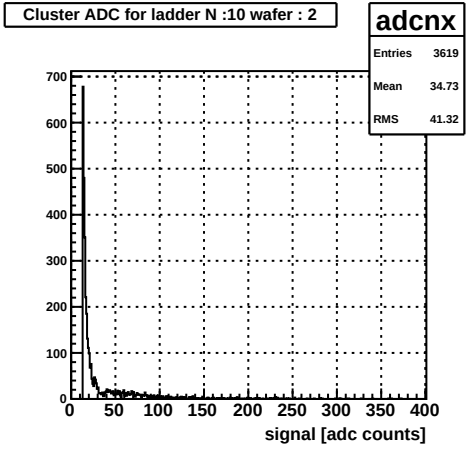

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 538
Mean 28.29
RMS 26.98
signal [adc counts]

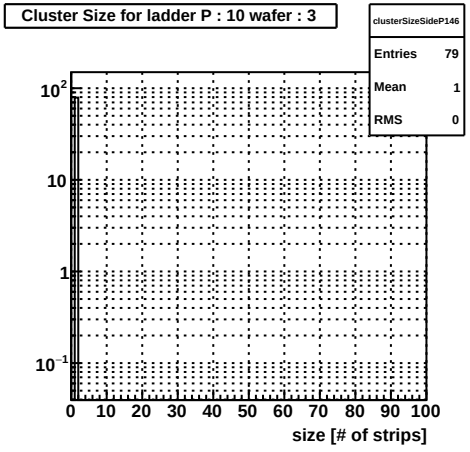

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 478
Mean 1.293
RMS 0.6288
size [# of strips]

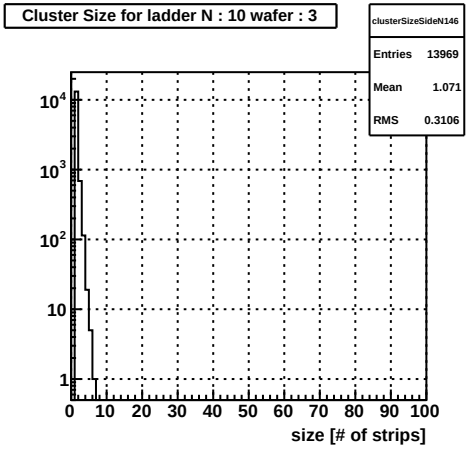

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3619
Mean 1.558
RMS 1.232
size [# of strips]

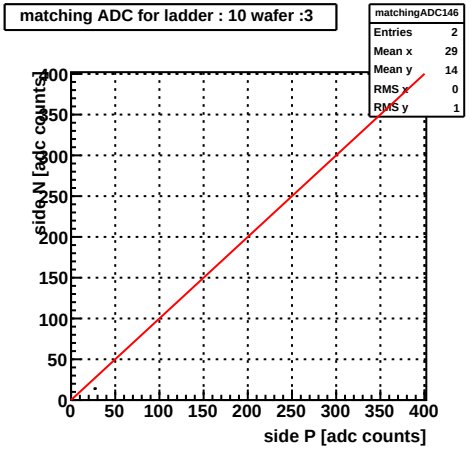

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 277
Mean x 84.83
Mean y 103.3
RMS x 64.29
RMS y 68.94
side N [adc counts]
side P [adc counts]

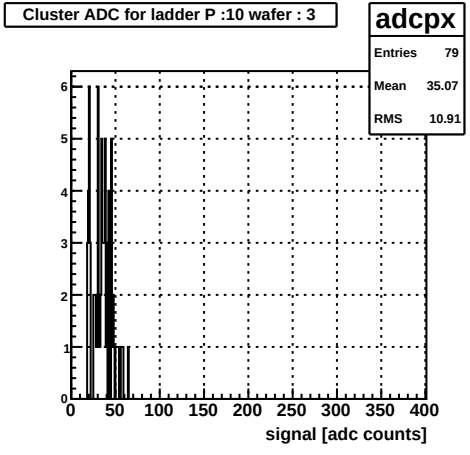

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 478
Mean 104.9
RMS 83.75
signal [adc counts]

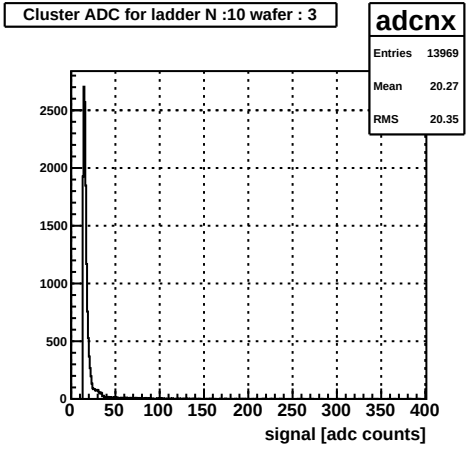

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3619
Mean 34.73
RMS 41.32
signal [adc counts]

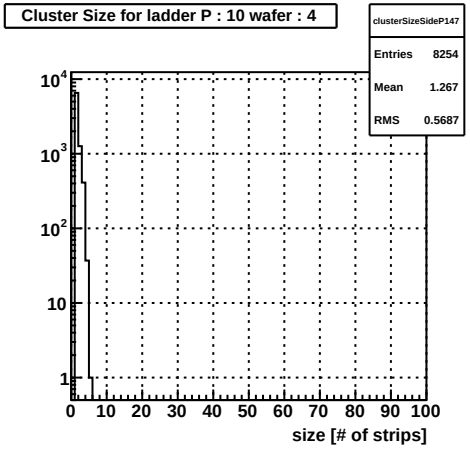

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 79
Mean 1
RMS 0
size [# of strips]

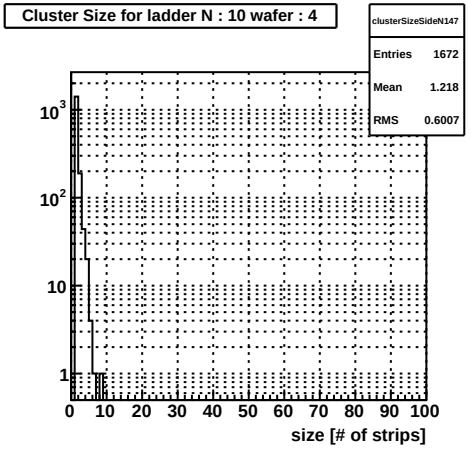

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13969
Mean 1.071
RMS 0.3106
size [# of strips]

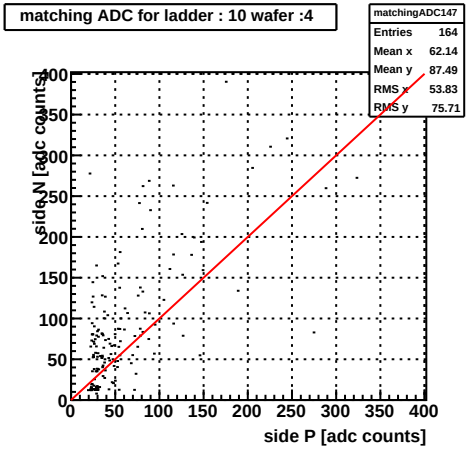

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 29
Mean y 14
RMS x 0
RMS y 1
side N [adc counts]
side P [adc counts]

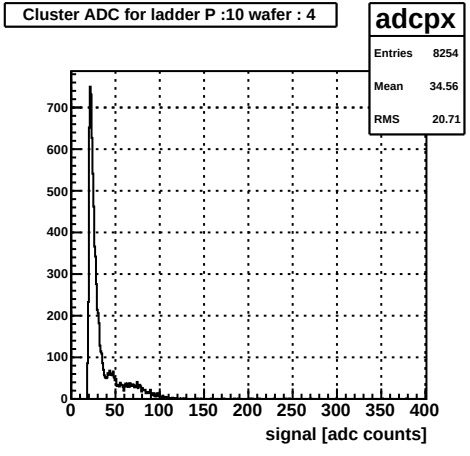

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 79
Mean 35.07
RMS 10.91
signal [adc counts]

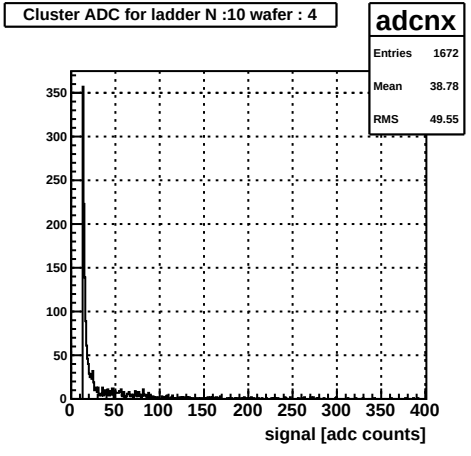

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13969
Mean 20.27
RMS 20.35
signal [adc counts]

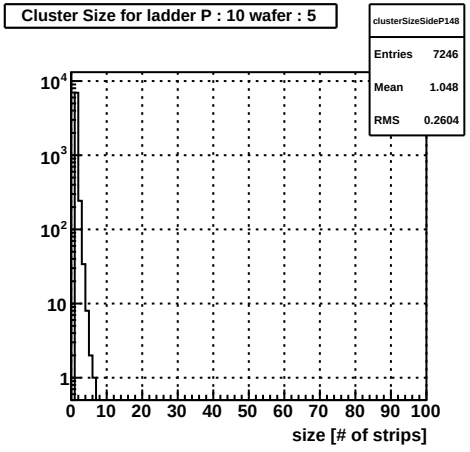

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8254
Mean 1.267
RMS 0.5687
size [# of strips]

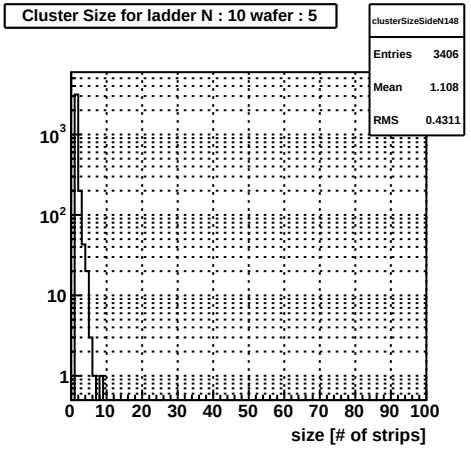

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1672
Mean 1.218
RMS 0.6007
size [# of strips]

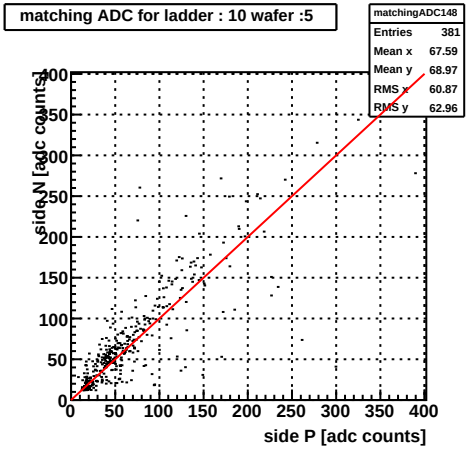

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 164
Mean x 62.14
Mean y 87.49
RMS x 53.83
RMS y 75.71
side N [adc counts]
side P [adc counts]

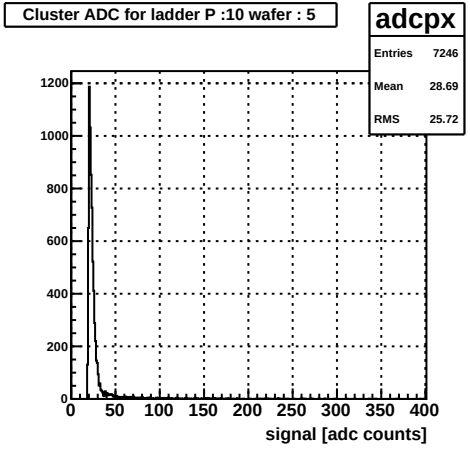

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8254
Mean 34.56
RMS 20.71
signal [adc counts]

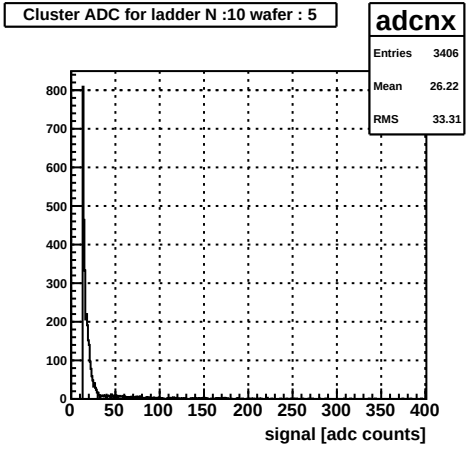

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1672
Mean 38.78
RMS 49.55
signal [adc counts]

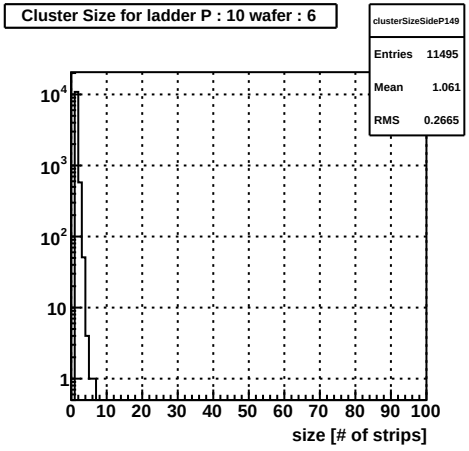

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7246
Mean 1.048
RMS 0.2604
size [# of strips]

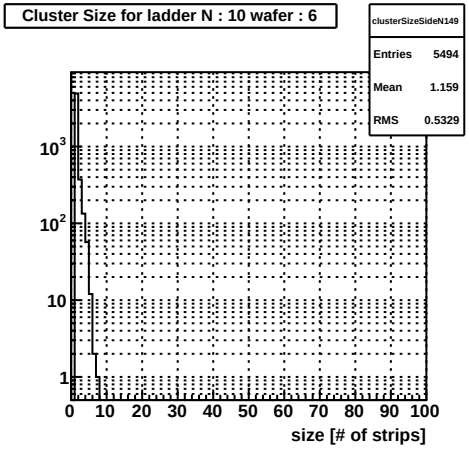

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3406
Mean 1.108
RMS 0.4311
size [# of strips]

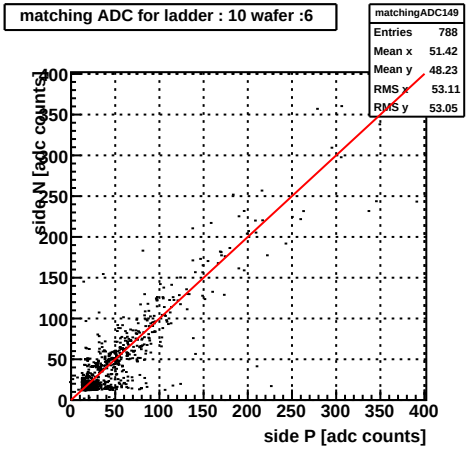

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 381
Mean x 67.59
Mean y 68.97
RMS x 60.87
RMS y 62.96
side N [adc counts]
side P [adc counts]

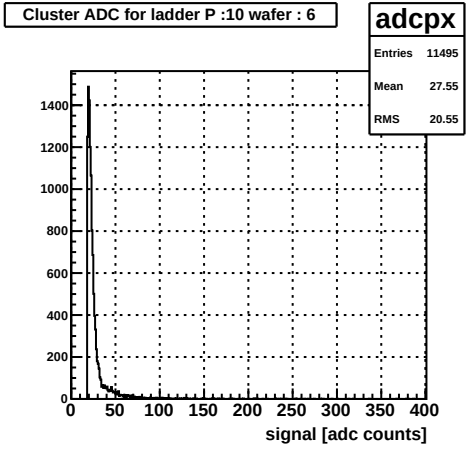

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7246
Mean 28.69
RMS 25.72
signal [adc counts]

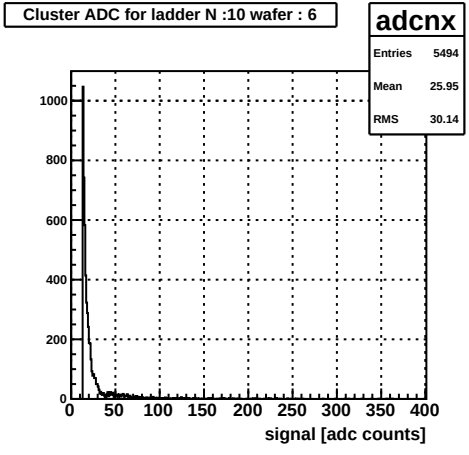

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3406
Mean 26.22
RMS 33.31
signal [adc counts]

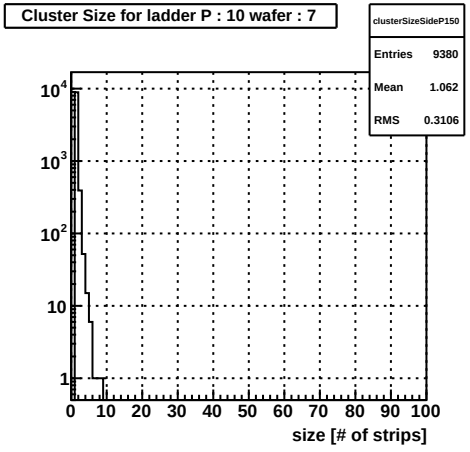

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 11495
Mean 1.061
RMS 0.2665
size [# of strips]

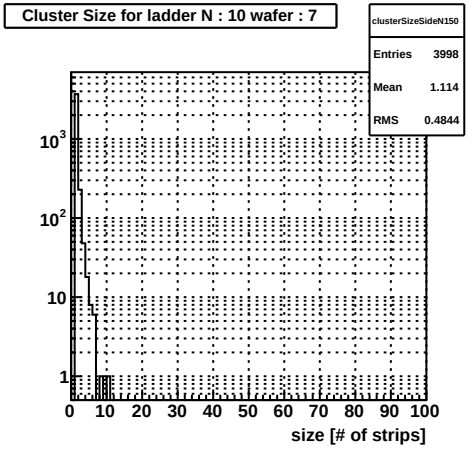

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5494
Mean 1.159
RMS 0.5329
size [# of strips]

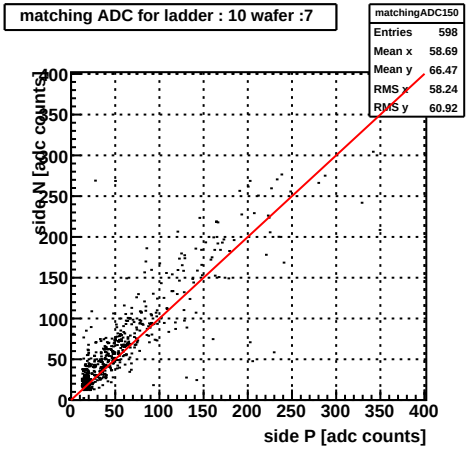

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 788
Mean x 51.42
Mean y 48.23
RMS x 53.11
RMS y 53.05
side N [adc counts]
side P [adc counts]

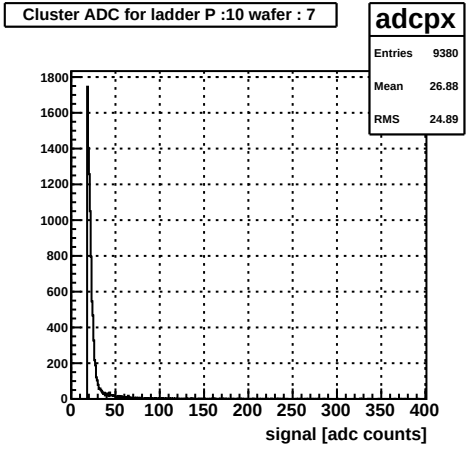

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 11495
Mean 27.55
RMS 20.55
signal [adc counts]

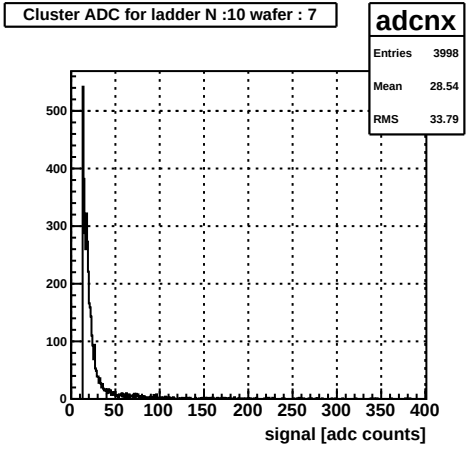

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5494
Mean 25.95
RMS 30.14
signal [adc counts]

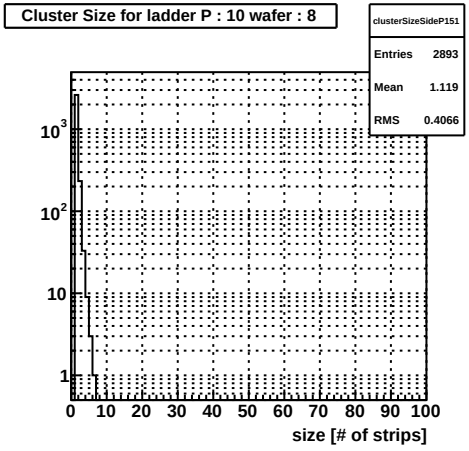

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9380
Mean 1.062
RMS 0.3106
size [# of strips]

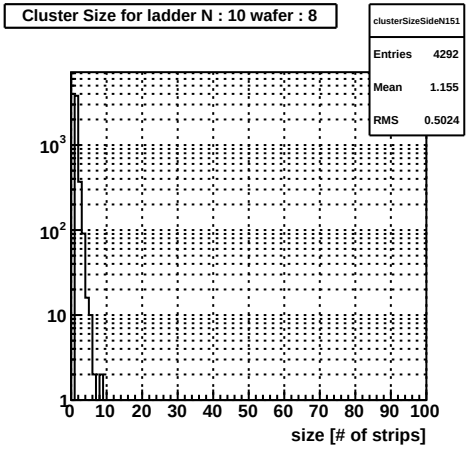

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3998
Mean 1.114
RMS 0.4844
size [# of strips]

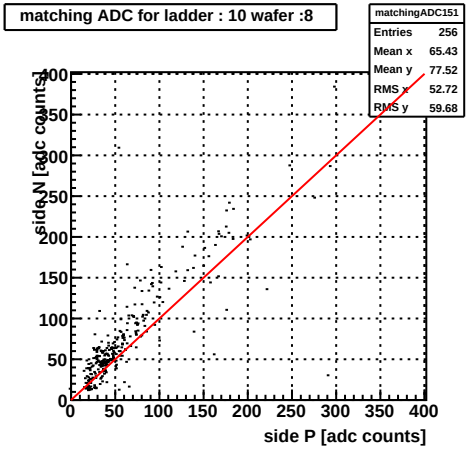

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 598
Mean x 58.69
Mean y 66.47
RMS x 58.24
RMS y 60.92
side N [adc counts]
side P [adc counts]

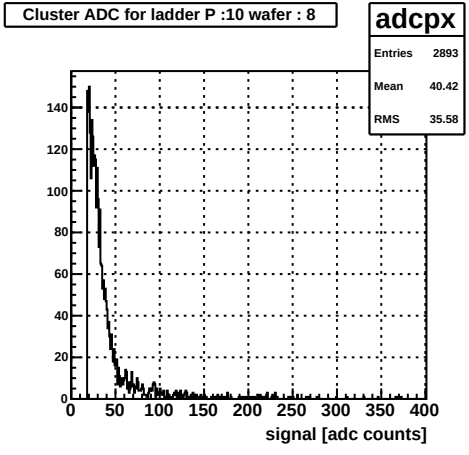

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9380
Mean 26.88
RMS 24.89
signal [adc counts]

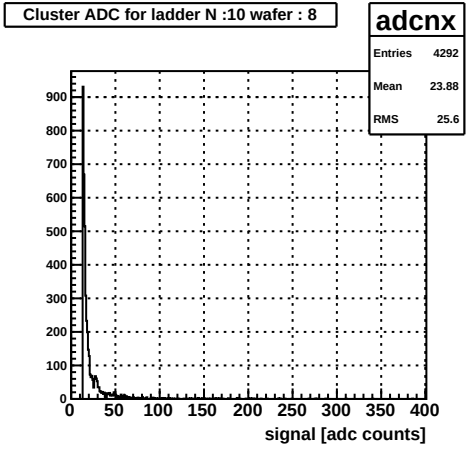

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3998
Mean 28.54
RMS 33.79
signal [adc counts]

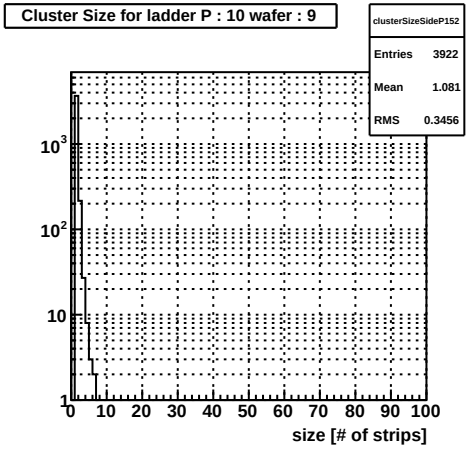

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2893
Mean 1.119
RMS 0.4066
size [# of strips]

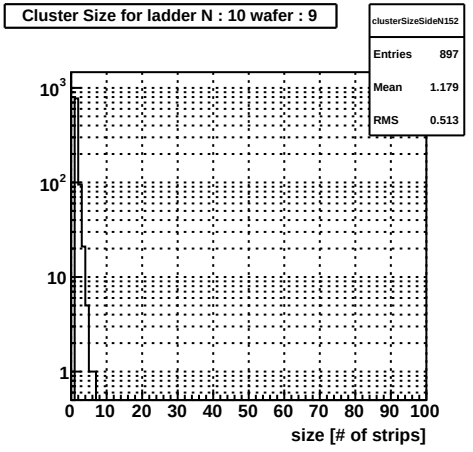

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4292
Mean 1.155
RMS 0.5024
size [# of strips]

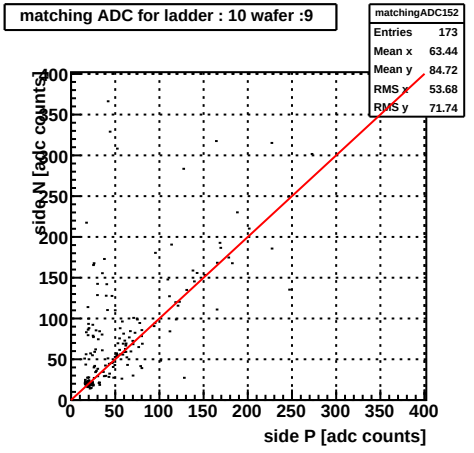

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 256
Mean x 65.43
Mean y 77.52
RMS x 52.72
RMS y 59.68
side N [adc counts]
side P [adc counts]

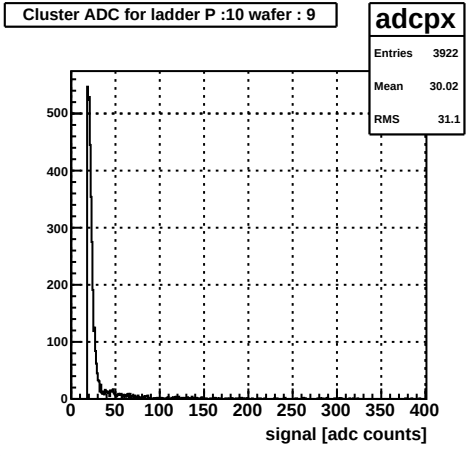

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2893
Mean 40.42
RMS 35.58
signal [adc counts]

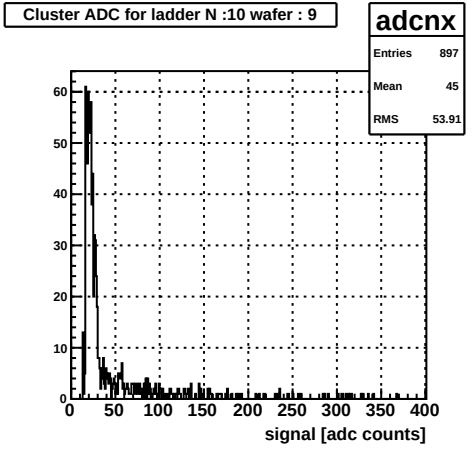

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4292
Mean 23.88
RMS 25.6
signal [adc counts]

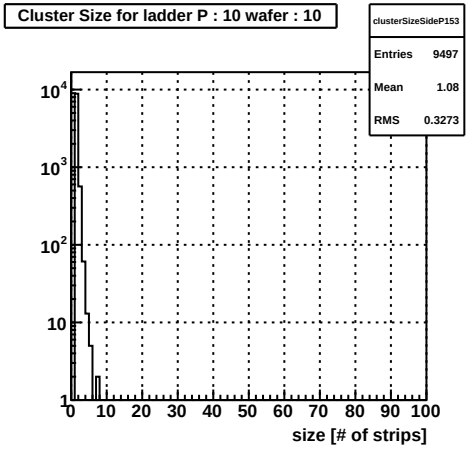

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3922
Mean 1.081
RMS 0.3456
size [# of strips]

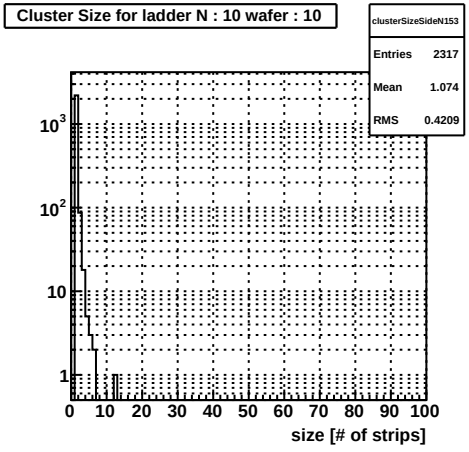

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 897
Mean 1.179
RMS 0.513
size [# of strips]

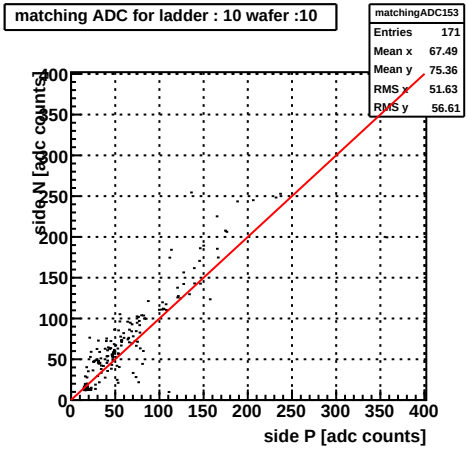

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 173
Mean x 63.44
Mean y 84.72
RMS x 53.68
RMS y 71.74
side N [adc counts]
side P [adc counts]

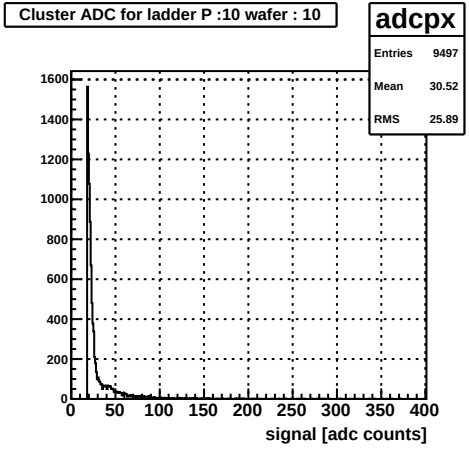

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3922
Mean 30.02
RMS 31.1
signal [adc counts]

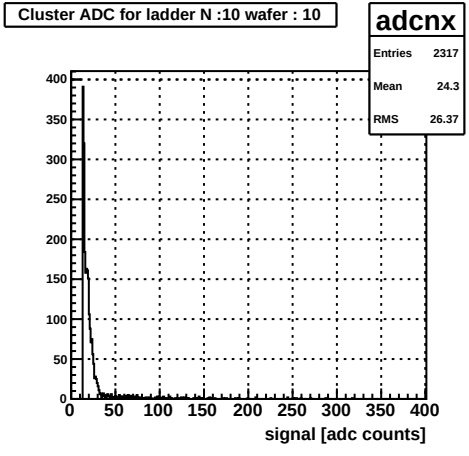

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 897
Mean 45
RMS 53.91
signal [adc counts]

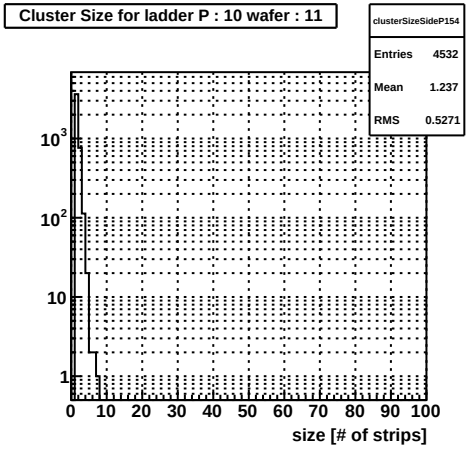

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 9497
Mean 1.08
RMS 0.3273
size [# of strips]

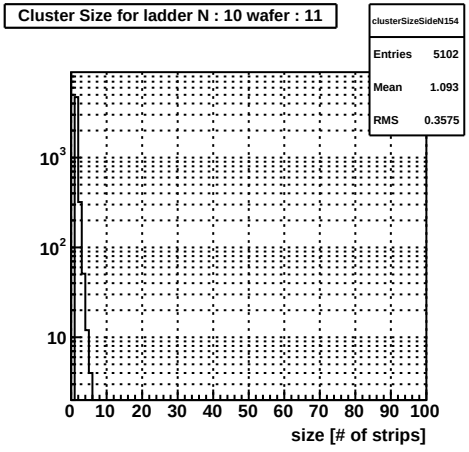

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2317
Mean 1.074
RMS 0.4209
size [# of strips]

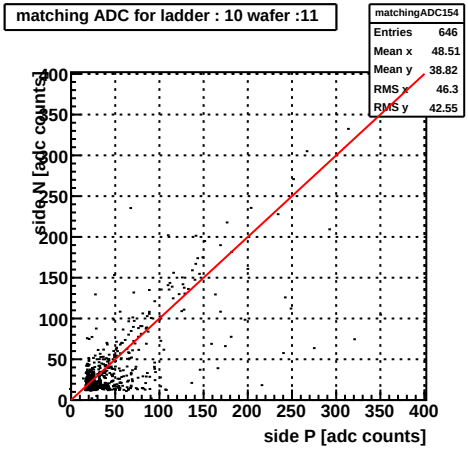

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 171
Mean x 67.49
Mean y 75.36
RMS x 51.63
RMS y 56.61
side N [adc counts]
side P [adc counts]

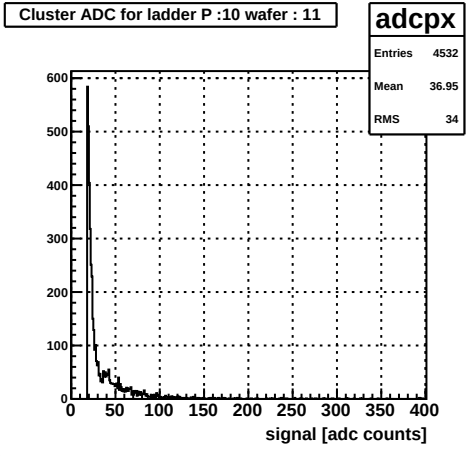

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 9497
Mean 30.52
RMS 25.89
signal [adc counts]

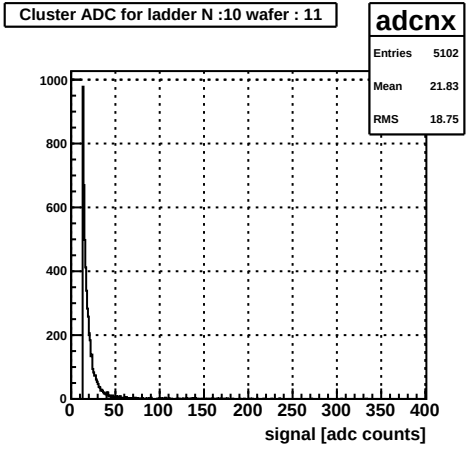

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2317
Mean 24.3
RMS 26.37
signal [adc counts]

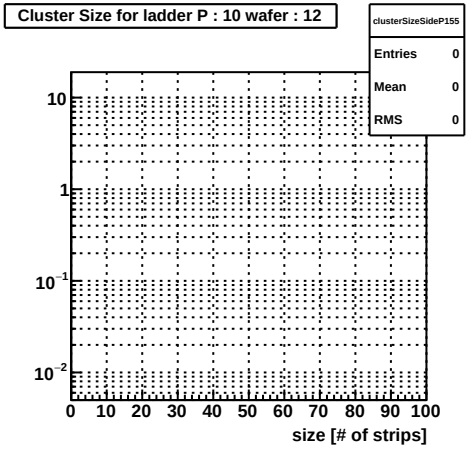

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4532
Mean 1.237
RMS 0.5271
size [# of strips]

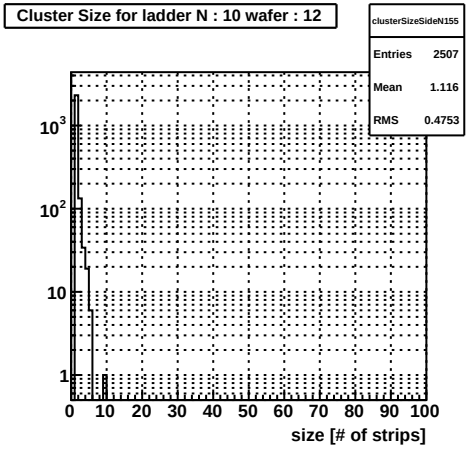

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5102
Mean 1.093
RMS 0.3575
size [# of strips]

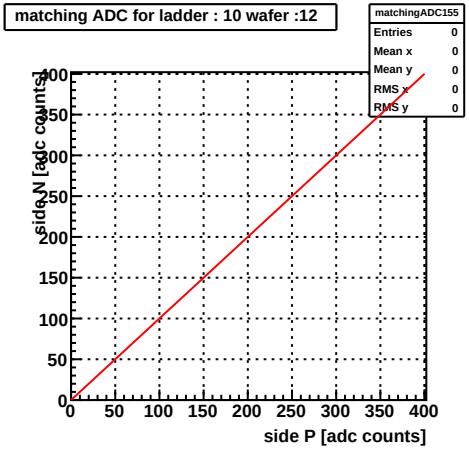

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 646
Mean x 48.51
Mean y 38.82
RMS x 46.3
RMS y 42.55
side N [adc counts]
side P [adc counts]

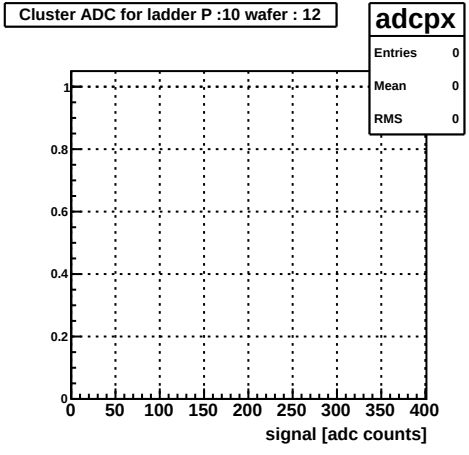

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4532
Mean 36.95
RMS 34
signal [adc counts]

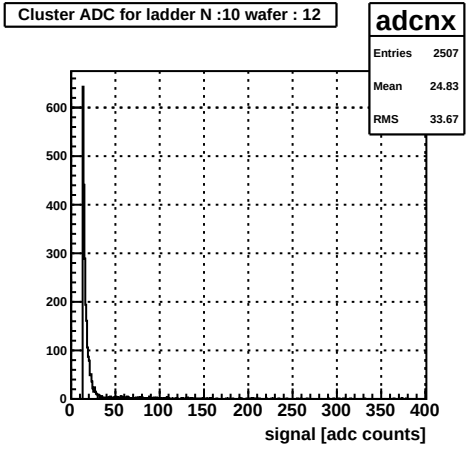

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5102
Mean 21.83
RMS 18.75
signal [adc counts]

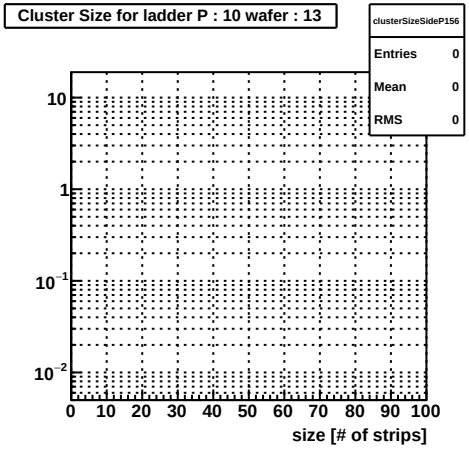

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

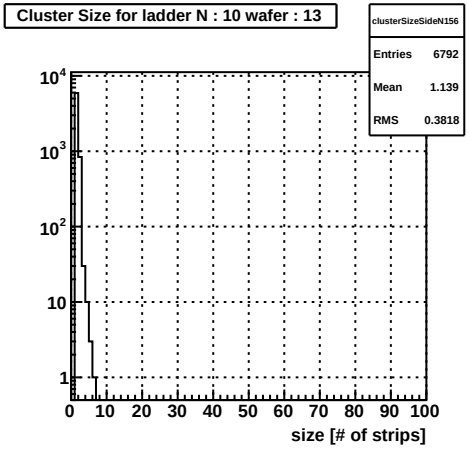

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2507
Mean 1.116
RMS 0.4753
size [# of strips]

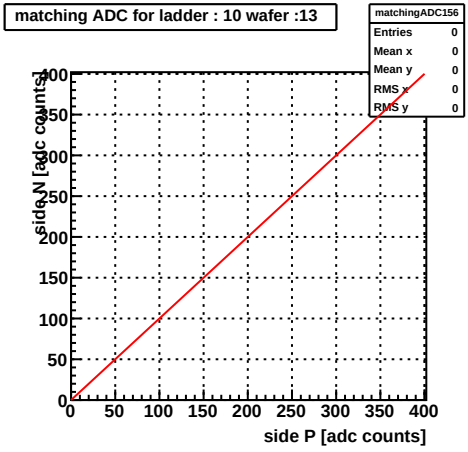

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

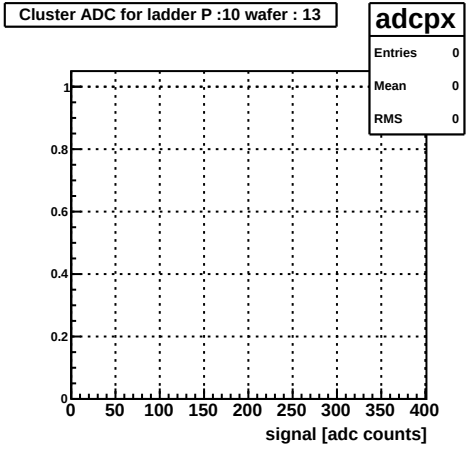

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

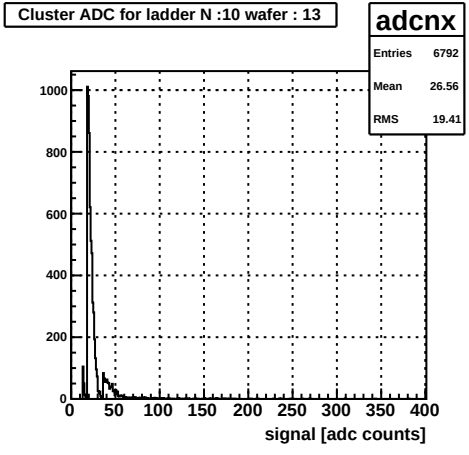

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2507
Mean 24.83
RMS 33.67
signal [adc counts]

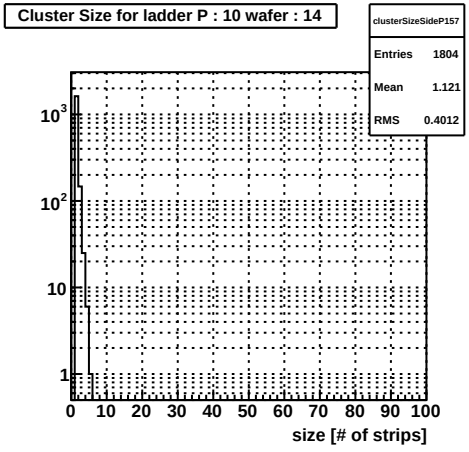

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

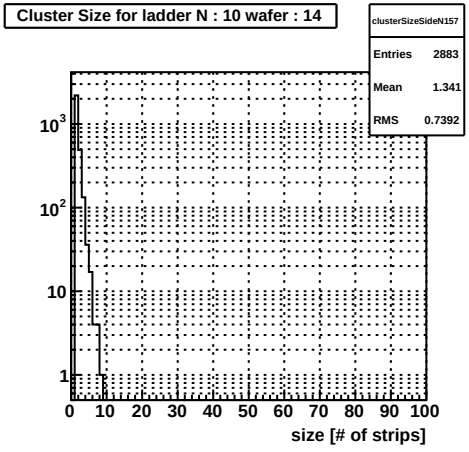

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6792
Mean 1.139
RMS 0.3818
size [# of strips]

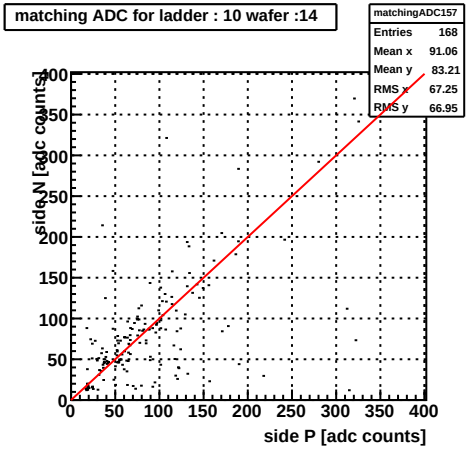

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

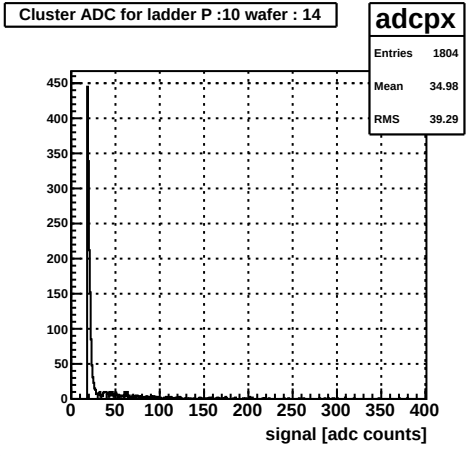

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

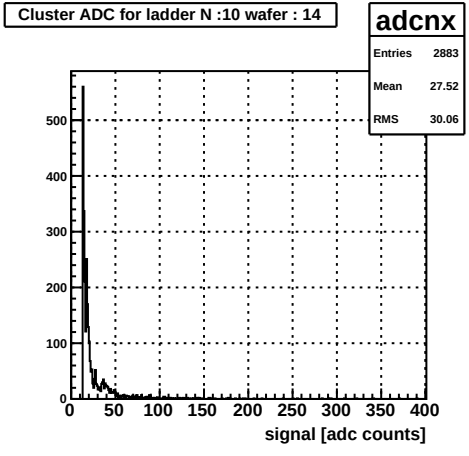

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6792
Mean 26.56
RMS 19.41
signal [adc counts]

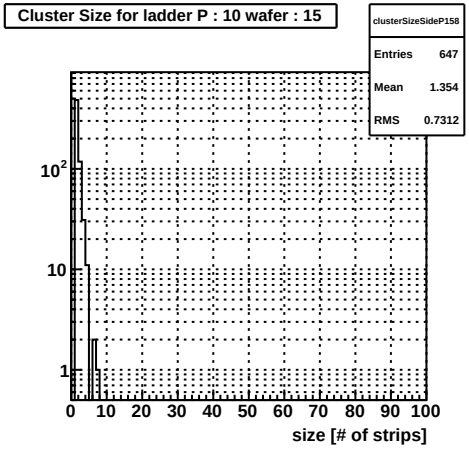

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1804
Mean 1.121
RMS 0.4012
size [# of strips]

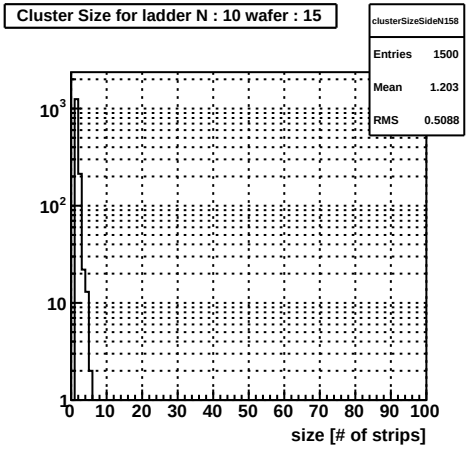

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2883
Mean 1.341
RMS 0.7392
size [# of strips]

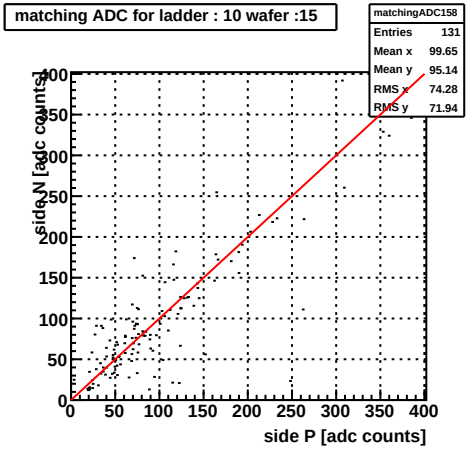

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 168
Mean x 91.06
Mean y 83.21
RMS x 67.25
RMS y 66.95
side N [adc counts]
side P [adc counts]

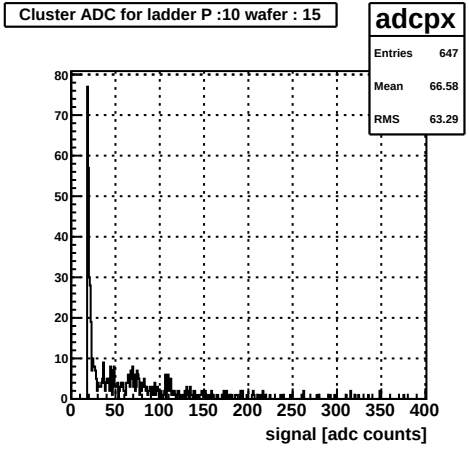

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1804
Mean 34.98
RMS 39.29
signal [adc counts]

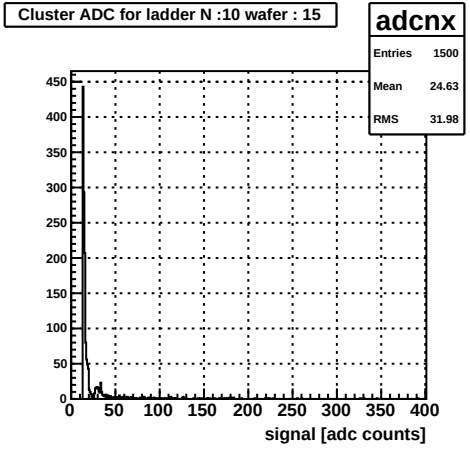

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2883
Mean 27.52
RMS 30.06
signal [adc counts]

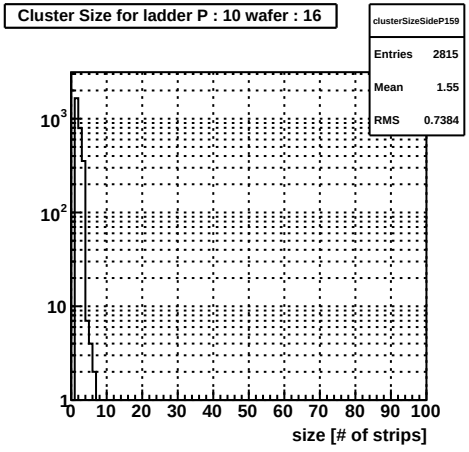

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 647
Mean 1.354
RMS 0.7312
size [# of strips]

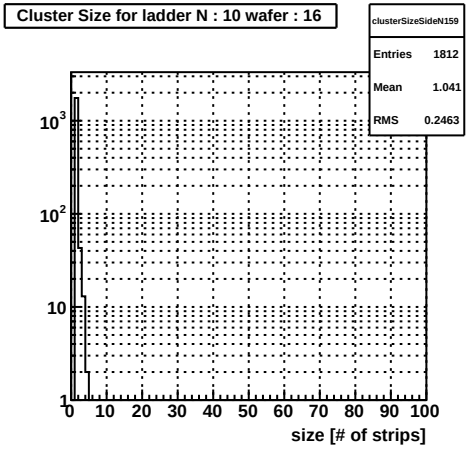

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1500
Mean 1.203
RMS 0.5088
size [# of strips]

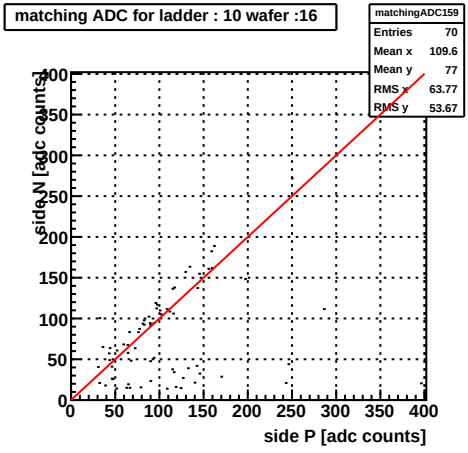

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 131
Mean x 99.65
Mean y 95.14
RMS x 74.28
RMS y 71.94
side N [adc counts]
side P [adc counts]

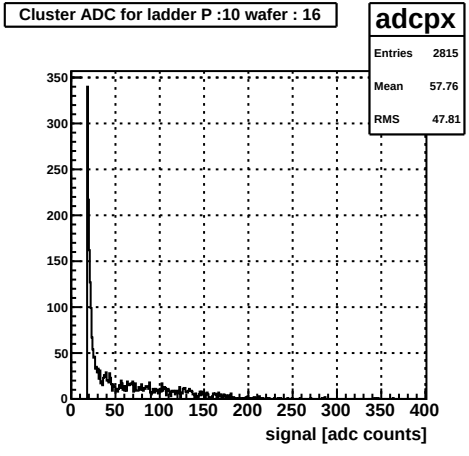

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 647
Mean 66.58
RMS 63.29
signal [adc counts]

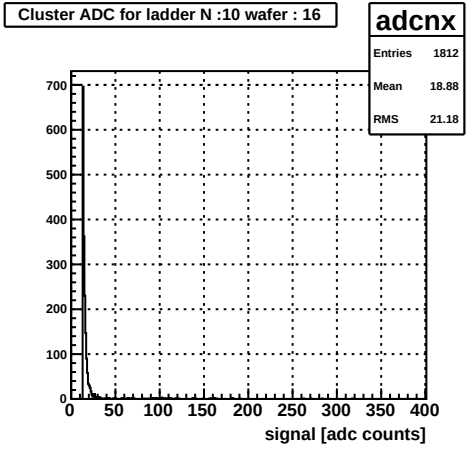

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1500
Mean 24.63
RMS 31.98
signal [adc counts]

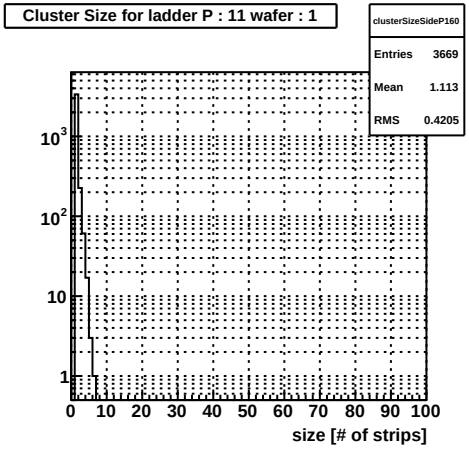

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2815
Mean 1.55
RMS 0.7384
size [# of strips]

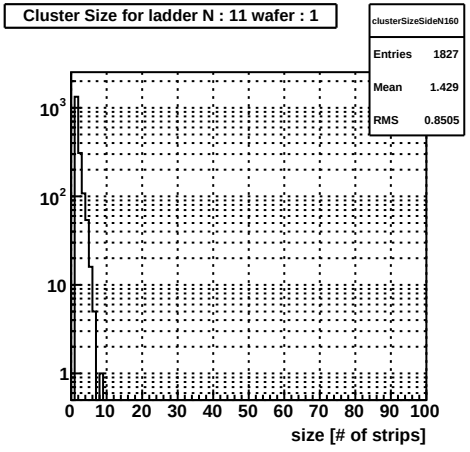

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1812
Mean 1.041
RMS 0.2463
size [# of strips]

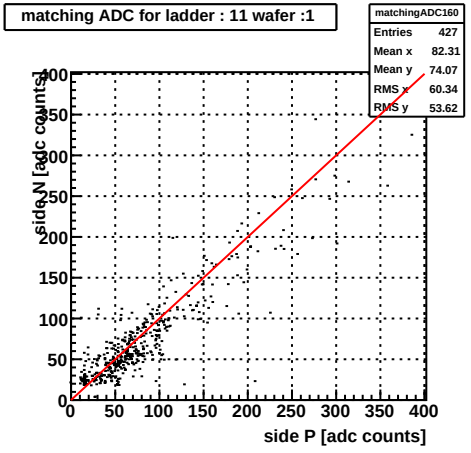

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 70
Mean x 109.6
Mean y 77
RMS x 63.77
RMS y 53.67
side N [adc counts]
side P [adc counts]

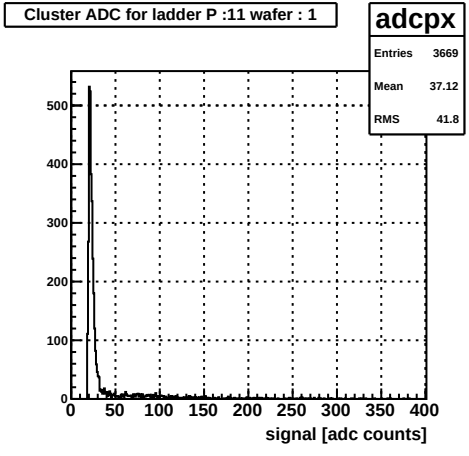

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2815
Mean 57.76
RMS 47.81
signal [adc counts]

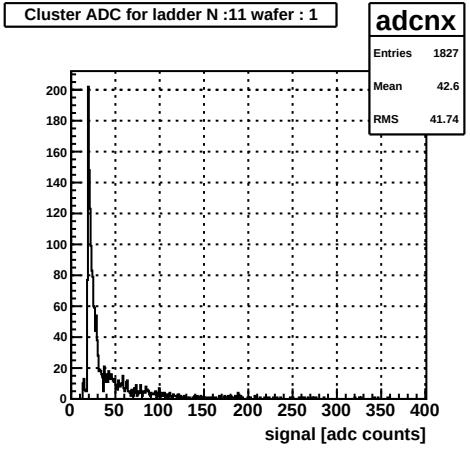

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1812
Mean 18.88
RMS 21.18
signal [adc counts]

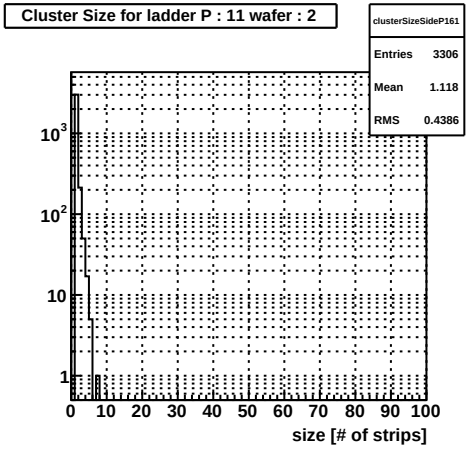

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3669
Mean 1.113
RMS 0.4205
size [# of strips]

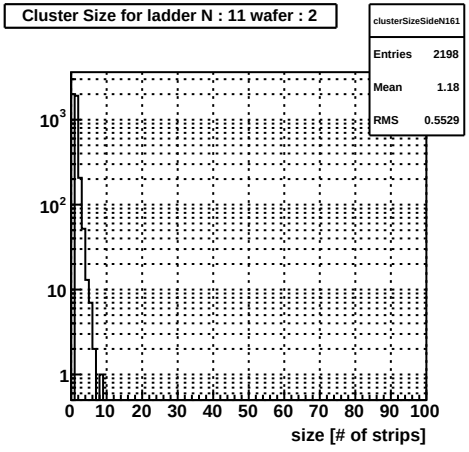

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1827
Mean 1.429
RMS 0.8505
size [# of strips]

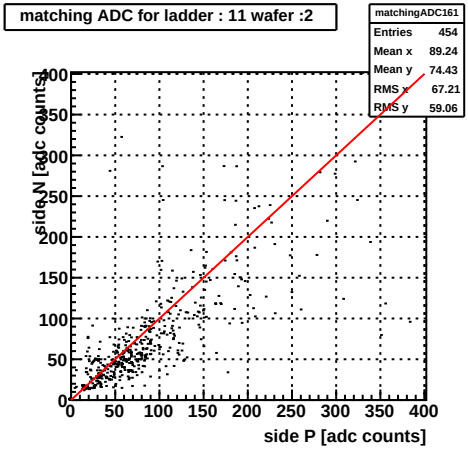

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 427
Mean x 82.31
Mean y 74.07
RMS x 60.34
RMS y 53.62
side N [adc counts]
side P [adc counts]

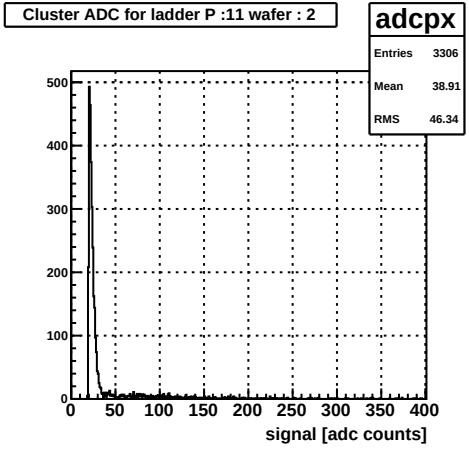

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3669
Mean 37.12
RMS 41.8
signal [adc counts]

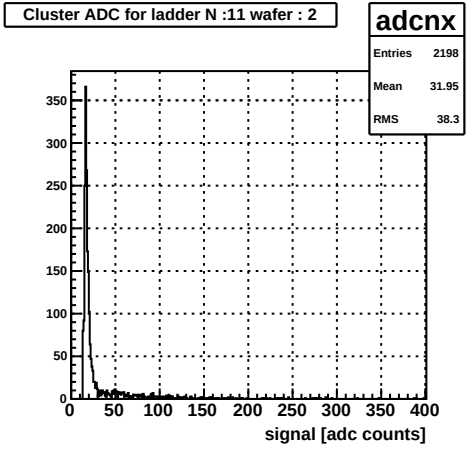

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1827
Mean 42.6
RMS 41.74
signal [adc counts]

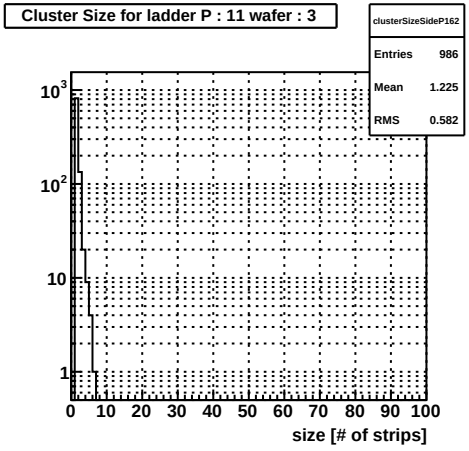

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 3306
Mean 1.118
RMS 0.4386
size [# of strips]

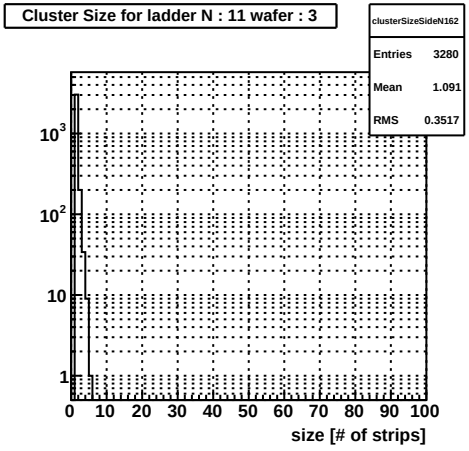

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2198
Mean 1.18
RMS 0.5529
size [# of strips]

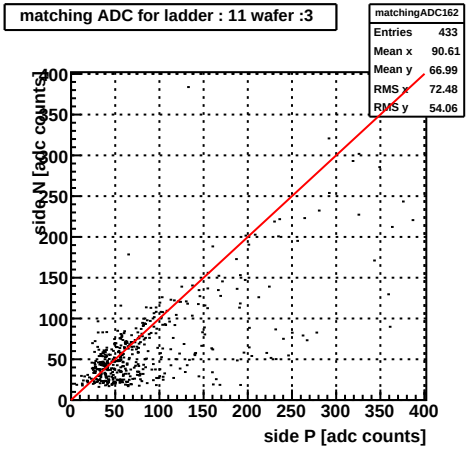

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 454
Mean x 89.24
Mean y 74.43
RMS x 67.21
RMS y 59.06
side N [adc counts]
side P [adc counts]

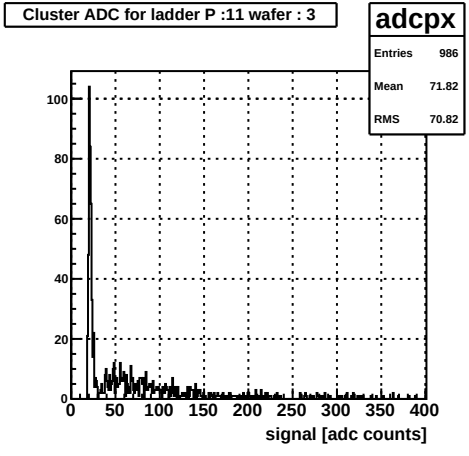

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 3306
Mean 38.91
RMS 46.34
signal [adc counts]

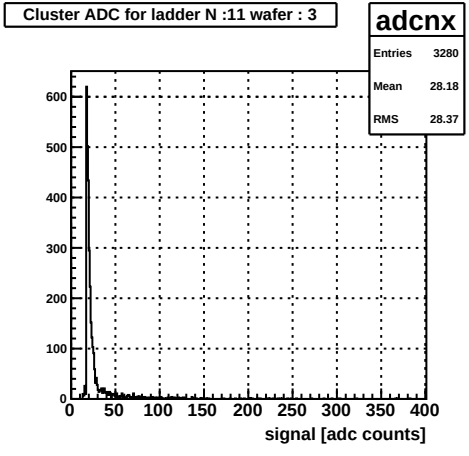

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2198
Mean 31.95
RMS 38.3
signal [adc counts]

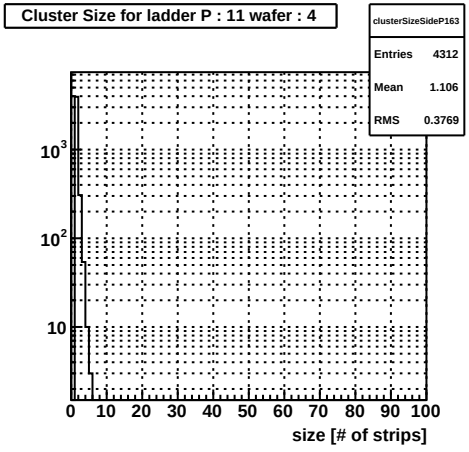

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 986
Mean 1.225
RMS 0.582
size [# of strips]

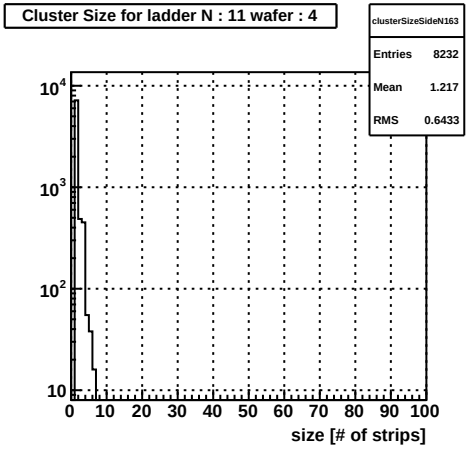

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3280
Mean 1.091
RMS 0.3517
size [# of strips]

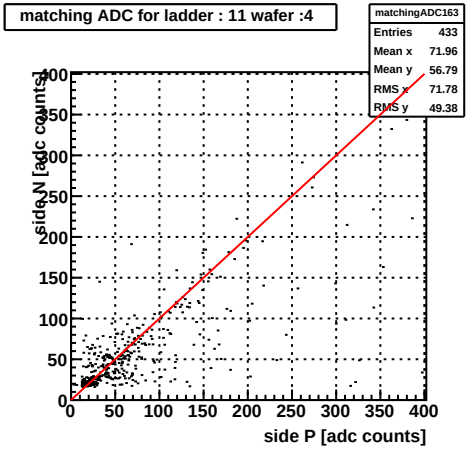

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 433
Mean x 90.61
Mean y 66.99
RMS x 72.48
RMS y 54.06
side N [adc counts]
side P [adc counts]

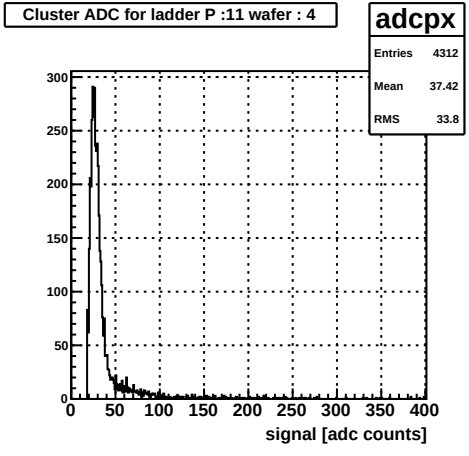

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 986
Mean 71.82
RMS 70.82
signal [adc counts]

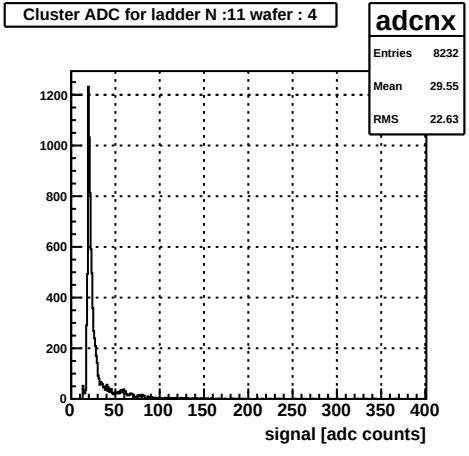

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3280
Mean 28.18
RMS 28.37
signal [adc counts]

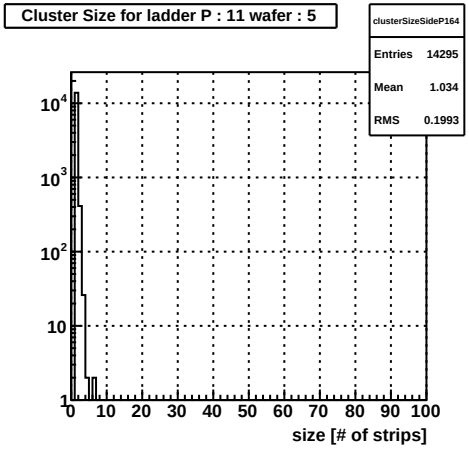

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4312
Mean 1.106
RMS 0.3769
size [# of strips]

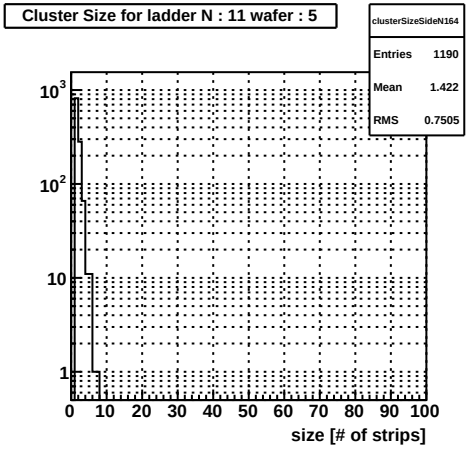

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 8232
Mean 1.217
RMS 0.6433
size [# of strips]

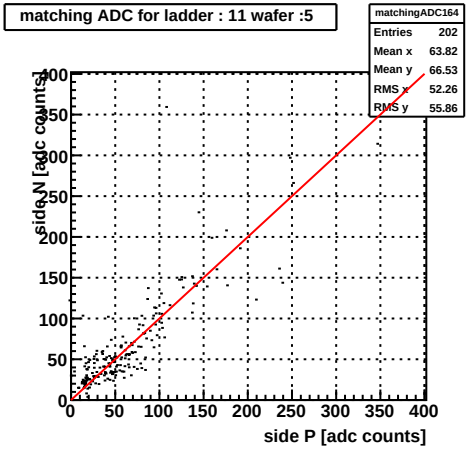

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 433
Mean x 71.96
Mean y 56.79
RMS x 71.78
RMS y 49.38
side N [adc counts]
side P [adc counts]

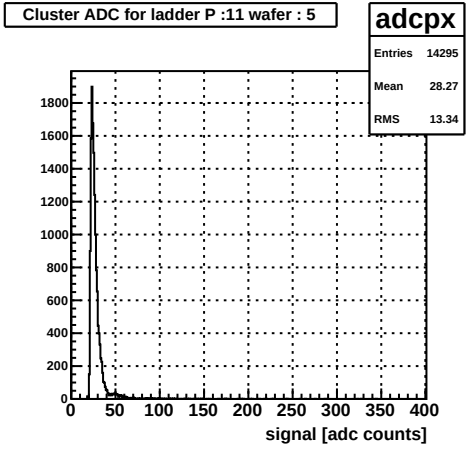

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4312
Mean 37.42
RMS 33.8
signal [adc counts]

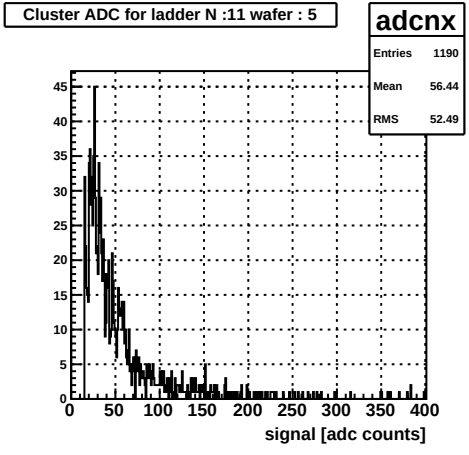

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 8232
Mean 29.55
RMS 22.63
signal [adc counts]

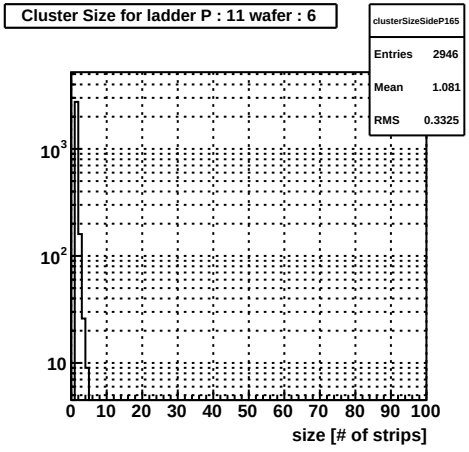

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 14295
Mean 1.034
RMS 0.1993
size [# of strips]

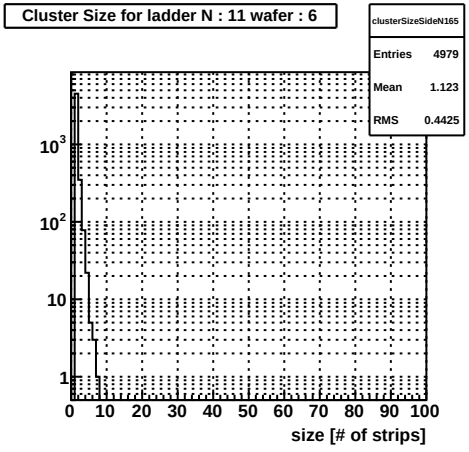

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1190
Mean 1.422
RMS 0.7505
size [# of strips]

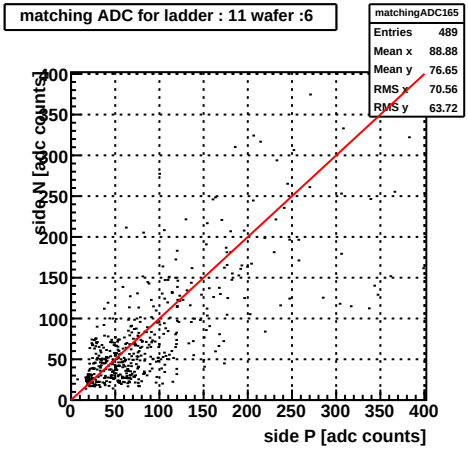

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 202
Mean x 63.82
Mean y 66.53
RMS x 52.26
RMS y 55.86
side N [adc counts]
side P [adc counts]

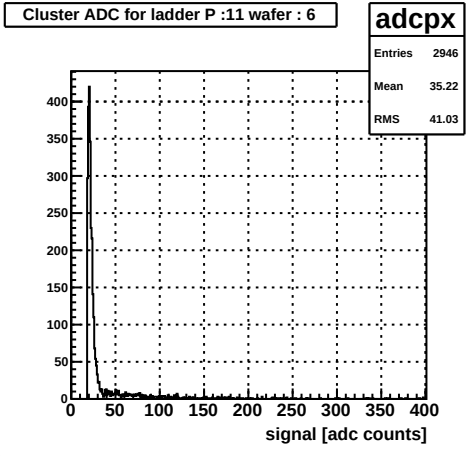

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 14295
Mean 28.27
RMS 13.34
signal [adc counts]

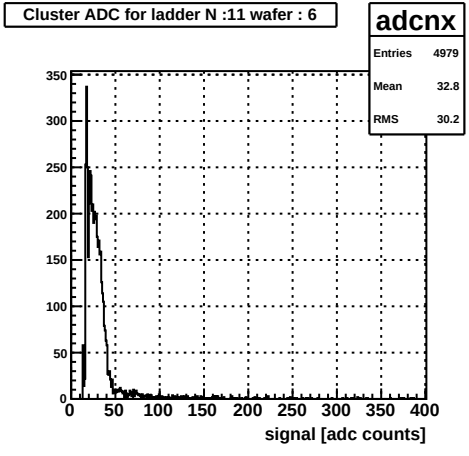

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1190
Mean 56.44
RMS 52.49
signal [adc counts]

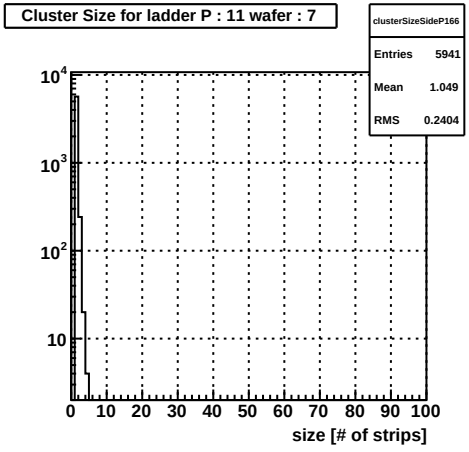

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2946
Mean 1.081
RMS 0.3325
size [# of strips]

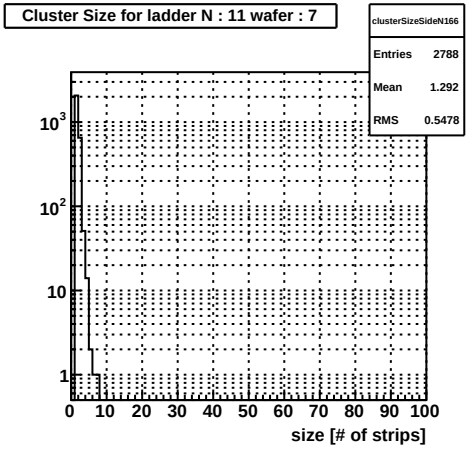

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 4979
Mean 1.123
RMS 0.4425
size [# of strips]

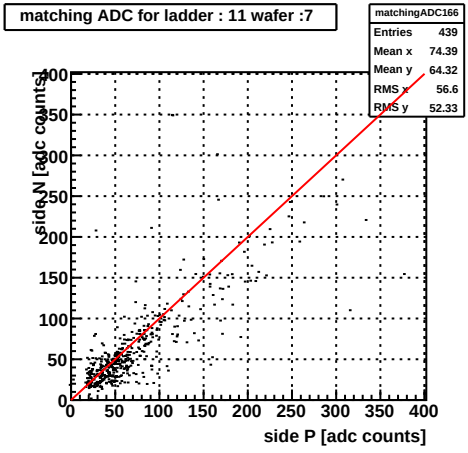

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 489
Mean x 88.88
Mean y 76.65
RMS x 70.56
RMS y 63.72
side N [adc counts]
side P [adc counts]

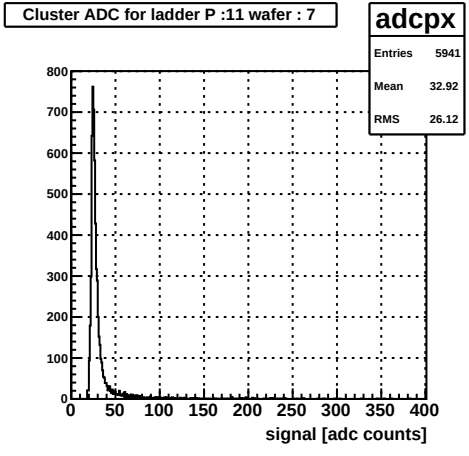

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2946
Mean 35.22
RMS 41.03
signal [adc counts]

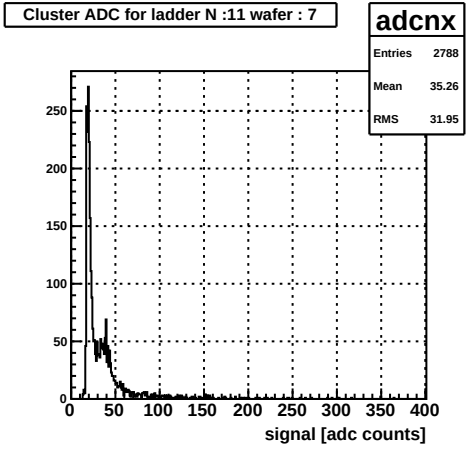

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 4979
Mean 32.8
RMS 30.2
signal [adc counts]

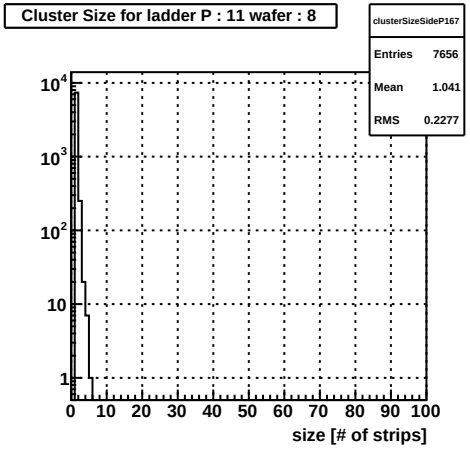

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5941
Mean 1.049
RMS 0.2404
size [# of strips]

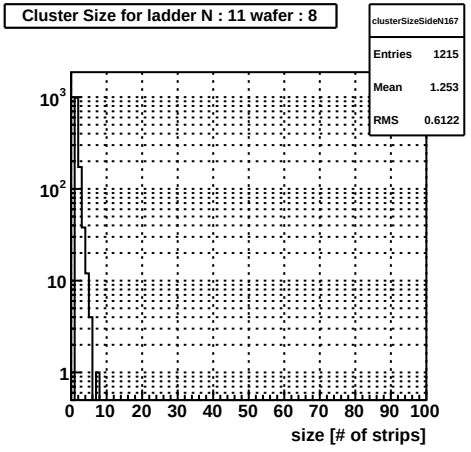

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2788
Mean 1.292
RMS 0.5478
size [# of strips]

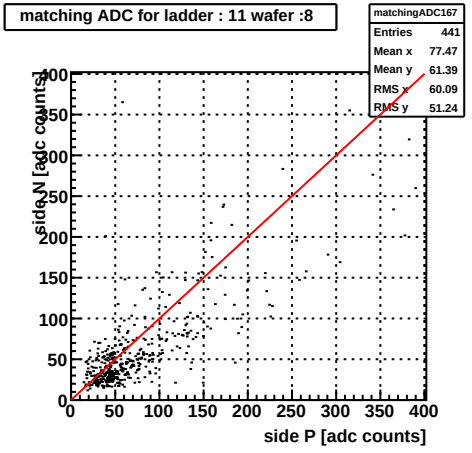

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 439
Mean x 74.39
Mean y 64.32
RMS x 56.6
RMS y 52.33
side N [adc counts]
side P [adc counts]

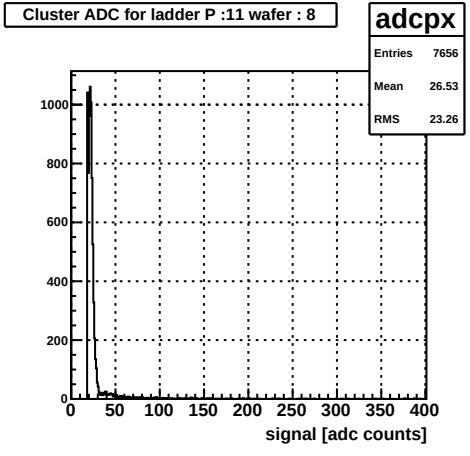

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5941
Mean 32.92
RMS 26.12
signal [adc counts]

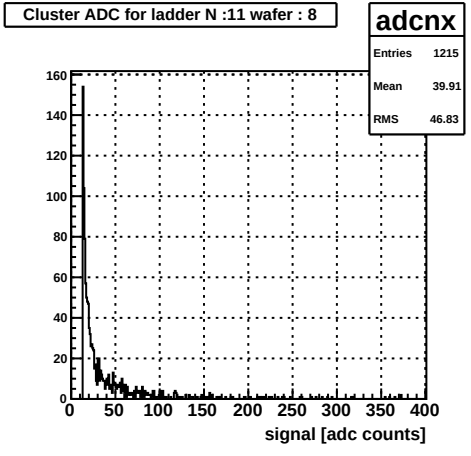

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2788
Mean 35.26
RMS 31.95
signal [adc counts]

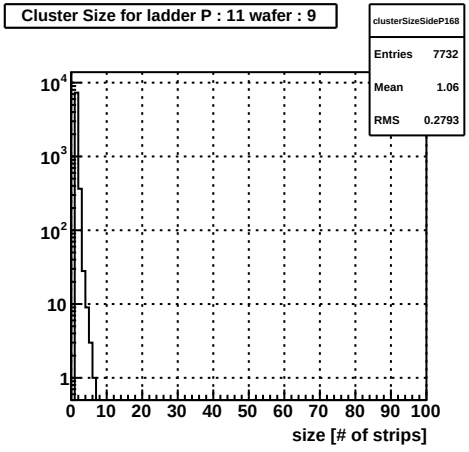

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7656
Mean 1.041
RMS 0.2277
size [# of strips]

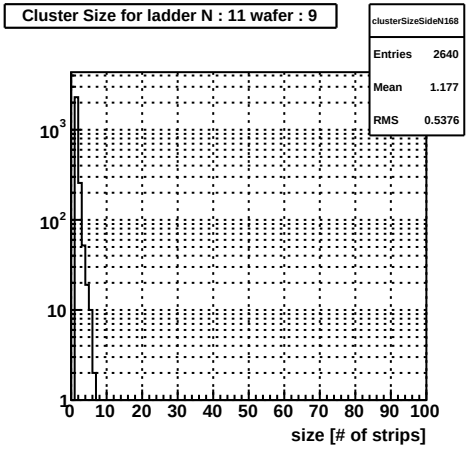

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1215
Mean 1.253
RMS 0.6122
size [# of strips]

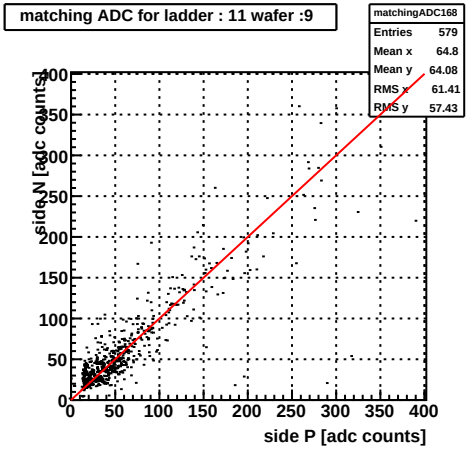

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 441
Mean x 77.47
Mean y 61.39
RMS x 60.09
RMS y 51.24
side N [adc counts]
side P [adc counts]

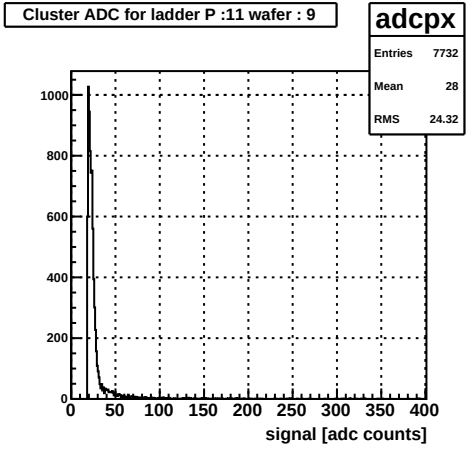

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7656
Mean 26.53
RMS 23.26
signal [adc counts]

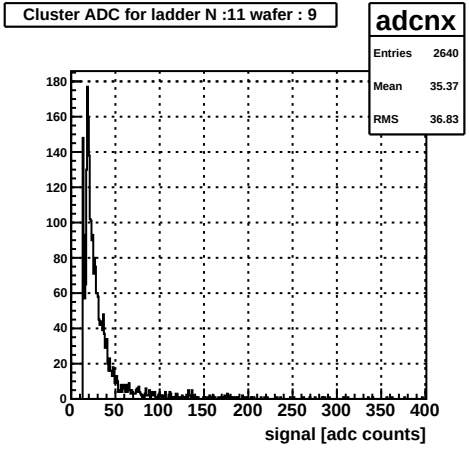

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1215
Mean 39.91
RMS 46.83
signal [adc counts]

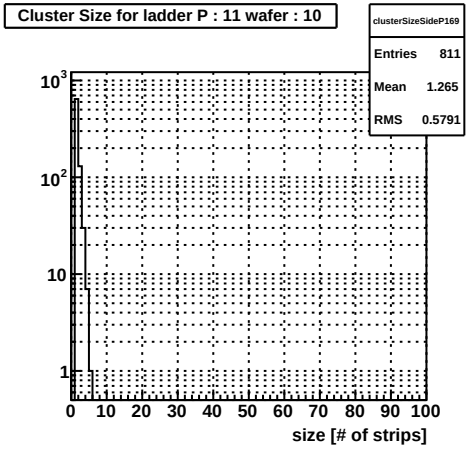

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7732
Mean 1.06
RMS 0.2793
size [# of strips]

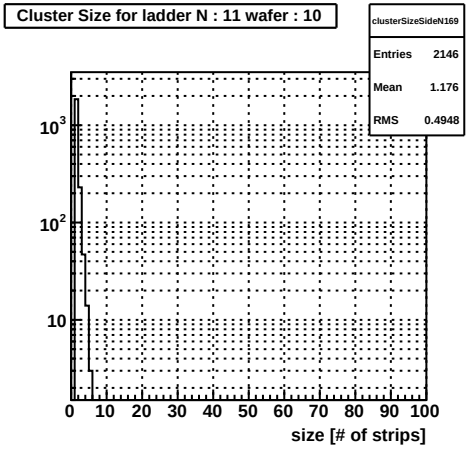

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2640
Mean 1.177
RMS 0.5376
size [# of strips]

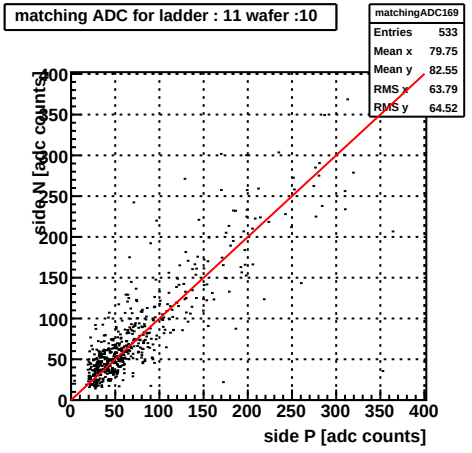

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 579
Mean x 64.8
Mean y 64.08
RMS x 61.41
RMS y 57.43
side N [adc counts]
side P [adc counts]

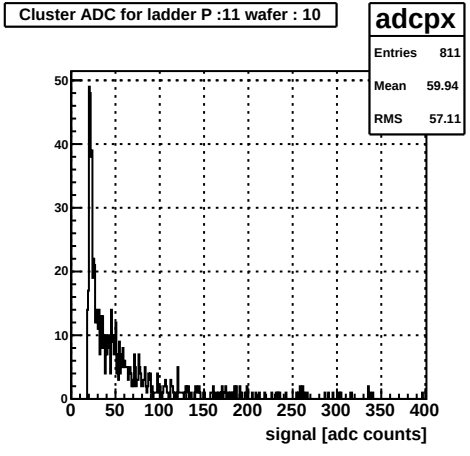

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7732
Mean 28
RMS 24.32
signal [adc counts]

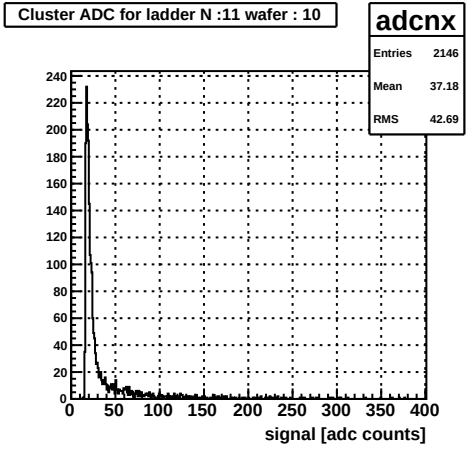

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2640
Mean 35.37
RMS 36.83
signal [adc counts]

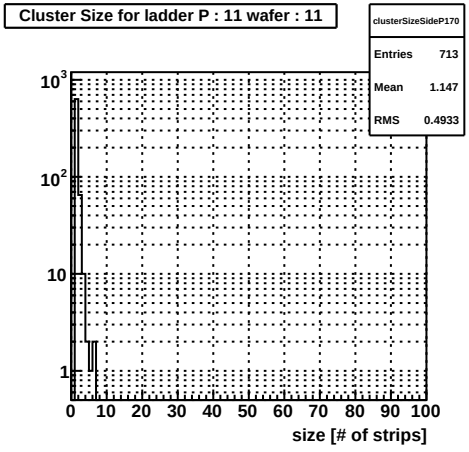

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 811
Mean 1.265
RMS 0.5791
size [# of strips]

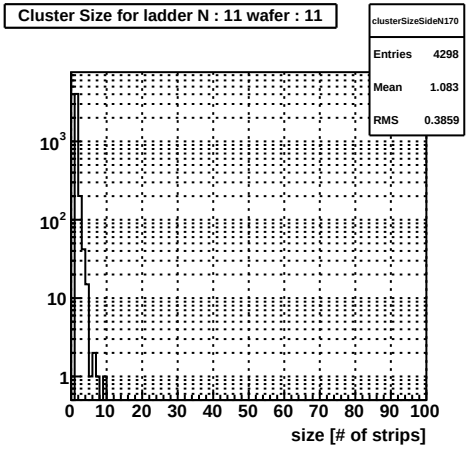

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2146
Mean 1.176
RMS 0.4948
size [# of strips]

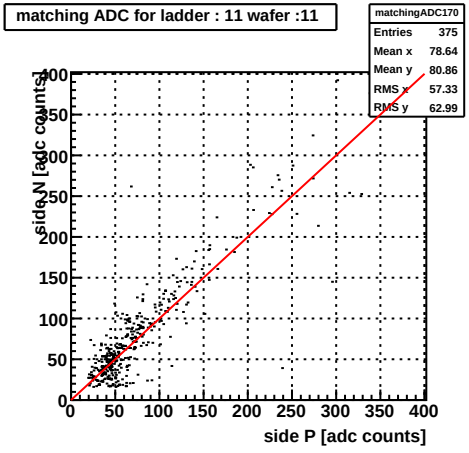

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 533
Mean x 79.75
Mean y 82.55
RMS x 63.79
RMS y 64.52
side N [adc counts]
side P [adc counts]

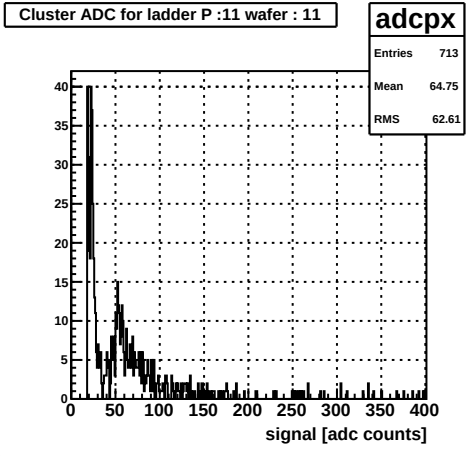

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 811
Mean 59.94
RMS 57.11
signal [adc counts]

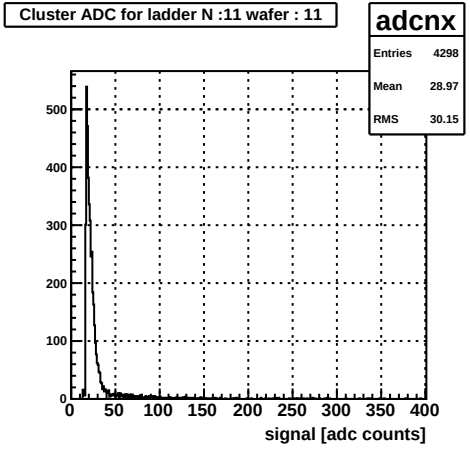

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2146
Mean 37.18
RMS 42.69
signal [adc counts]

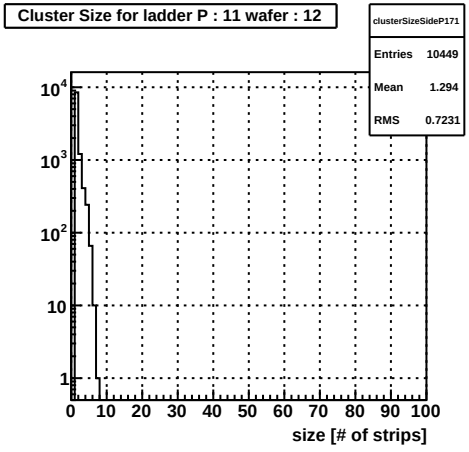

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 713
Mean 1.147
RMS 0.4933
size [# of strips]

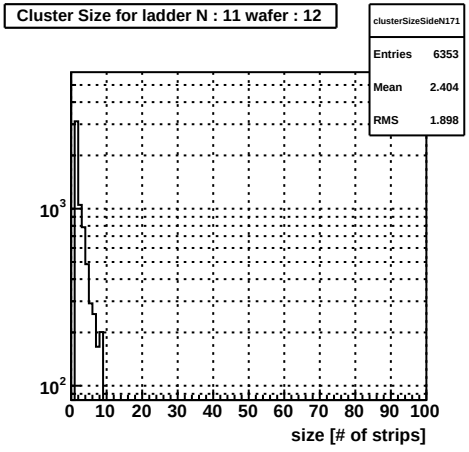

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4298
Mean 1.083
RMS 0.3859
size [# of strips]

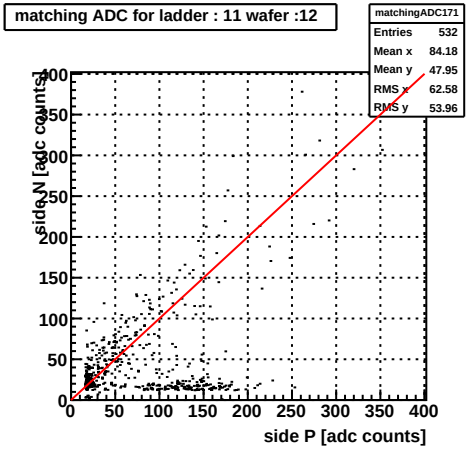

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 375
Mean x 78.64
Mean y 80.86
RMS x 57.33
RMS y 62.99
side N [adc counts]
side P [adc counts]

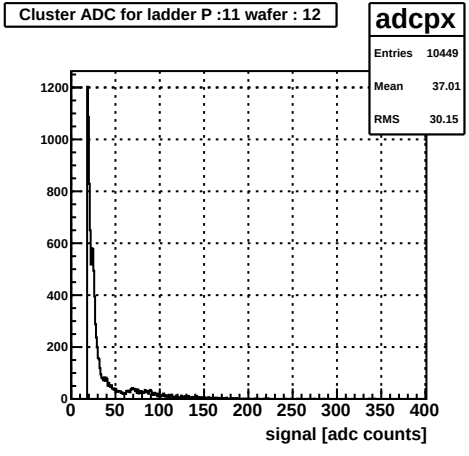

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 713
Mean 64.75
RMS 62.61
signal [adc counts]

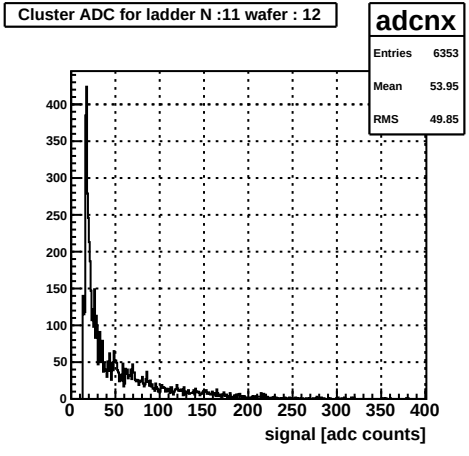

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4298
Mean 28.97
RMS 30.15
signal [adc counts]

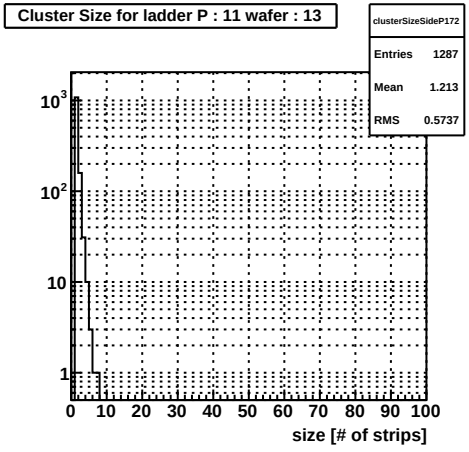

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10449
Mean 1.294
RMS 0.7231
size [# of strips]

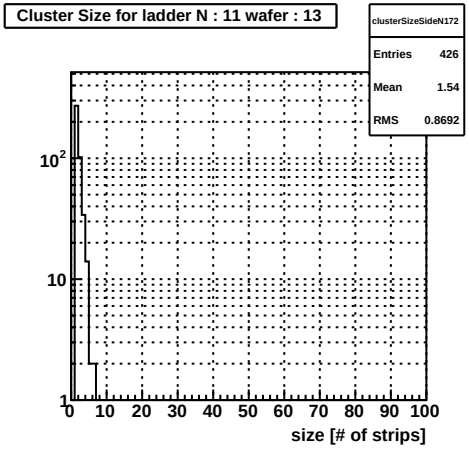

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 6353
Mean 2.404
RMS 1.898
size [# of strips]

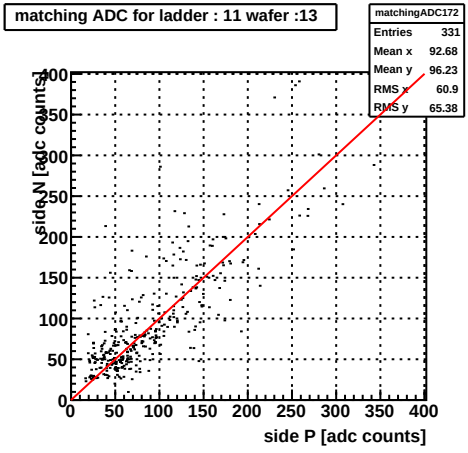

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 532
Mean x 84.18
Mean y 47.95
RMS x 62.58
RMS y 53.96
side N [adc counts]
side P [adc counts]

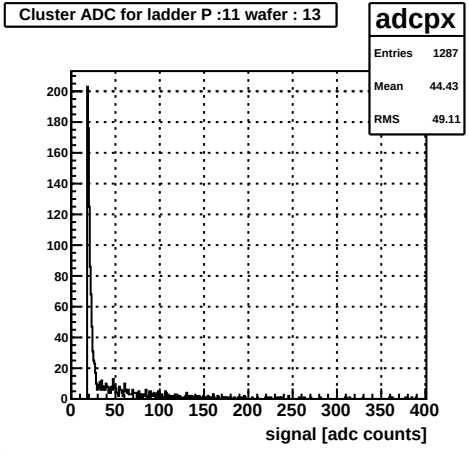

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10449
Mean 37.01
RMS 30.15
signal [adc counts]

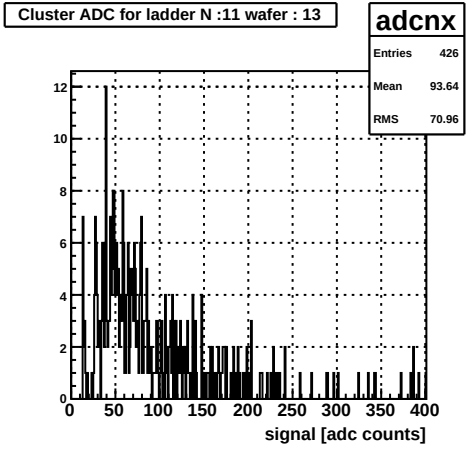

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 6353
Mean 53.95
RMS 49.85
signal [adc counts]

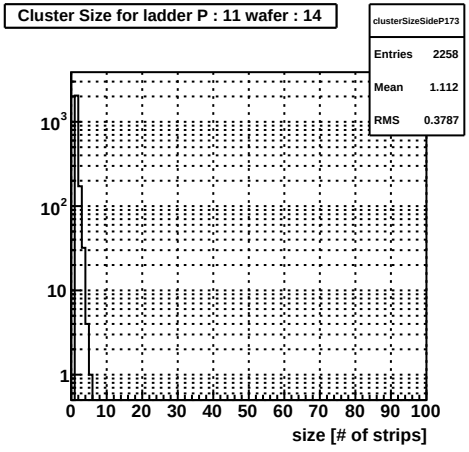

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1287
Mean 1.213
RMS 0.5737
size [# of strips]

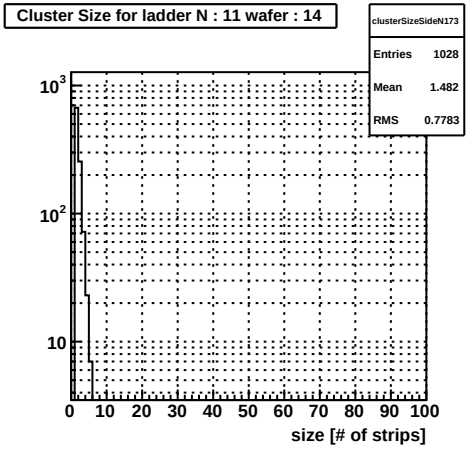

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 426
Mean 1.54
RMS 0.8692
size [# of strips]

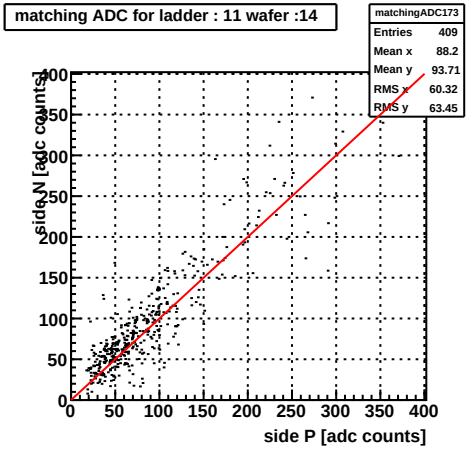

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 331
Mean x 92.68
Mean y 96.23
RMS x 60.9
RMS y 65.38
side N [adc counts]
side P [adc counts]

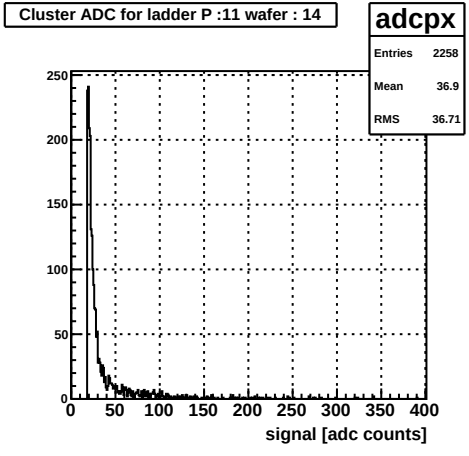

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1287
Mean 44.43
RMS 49.11
signal [adc counts]

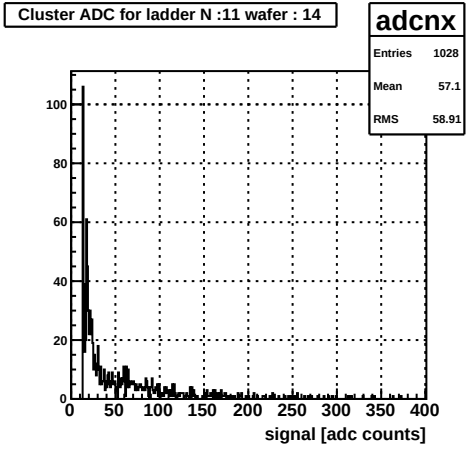

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 426
Mean 93.64
RMS 70.96
signal [adc counts]

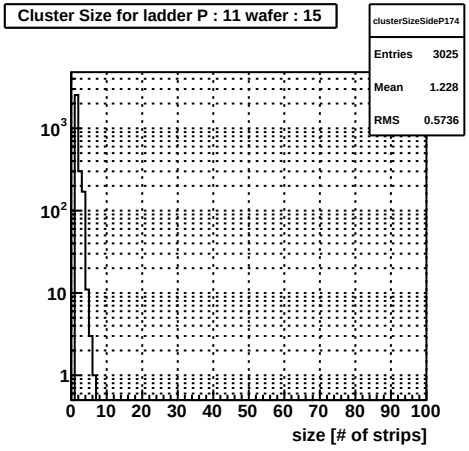

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2258
Mean 1.112
RMS 0.3787
size [# of strips]

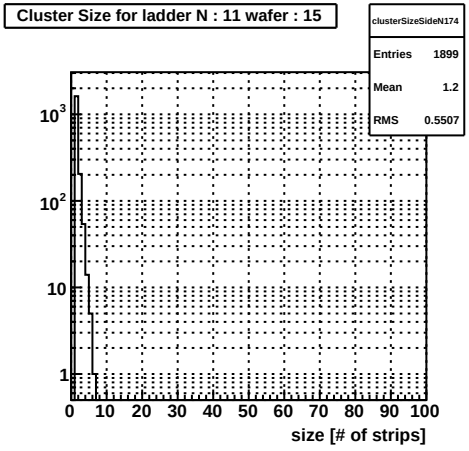

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1028
Mean 1.482
RMS 0.7783
size [# of strips]

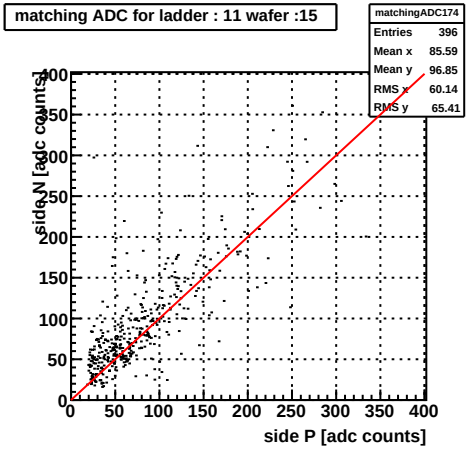

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 409
Mean x 88.2
Mean y 93.71
RMS x 60.32
RMS y 63.45
side N [adc counts]
side P [adc counts]

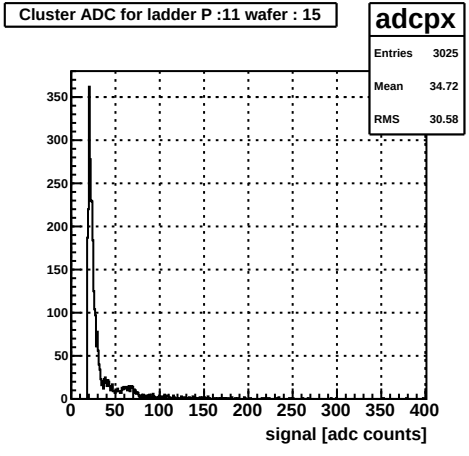

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2258
Mean 36.9
RMS 36.71
signal [adc counts]

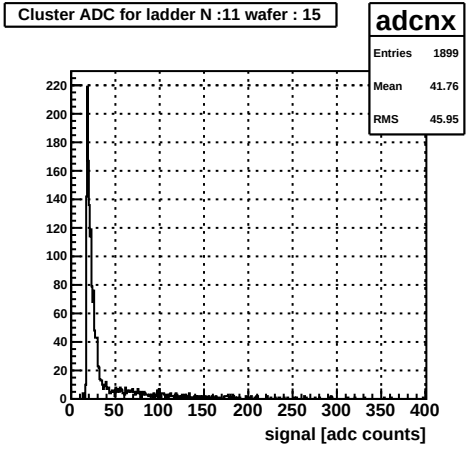

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1028
Mean 57.1
RMS 58.91
signal [adc counts]

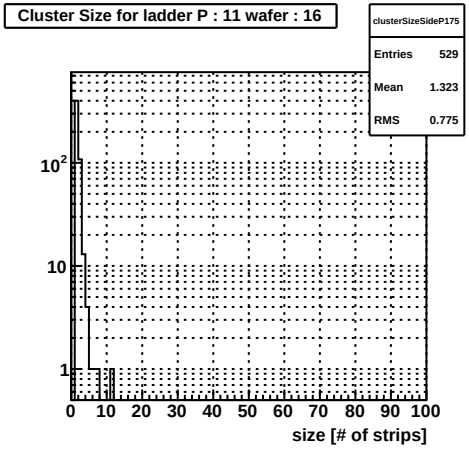

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3025
Mean 1.228
RMS 0.5736
size [# of strips]

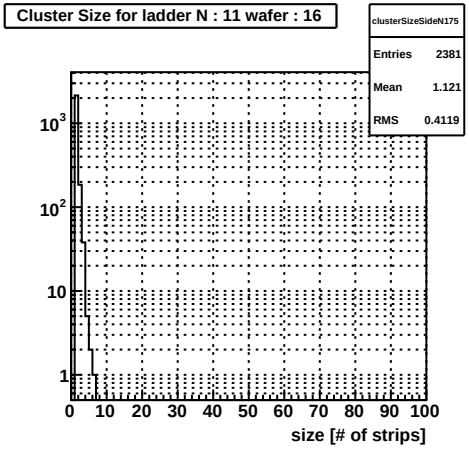

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1899
Mean 1.2
RMS 0.5507
size [# of strips]

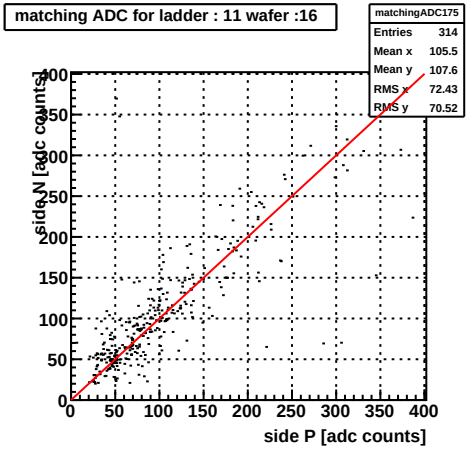

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 396
Mean x 85.59
Mean y 96.85
RMS x 60.14
RMS y 65.41
side N [adc counts]
side P [adc counts]

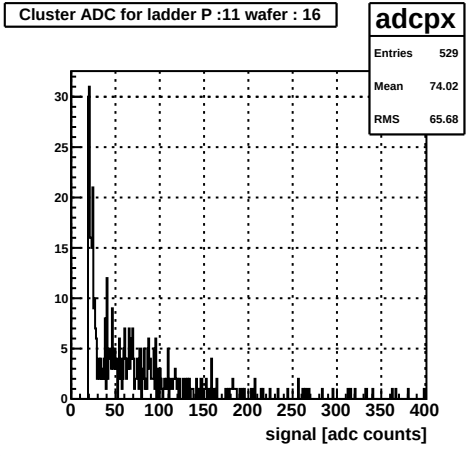

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3025
Mean 34.72
RMS 30.58
signal [adc counts]

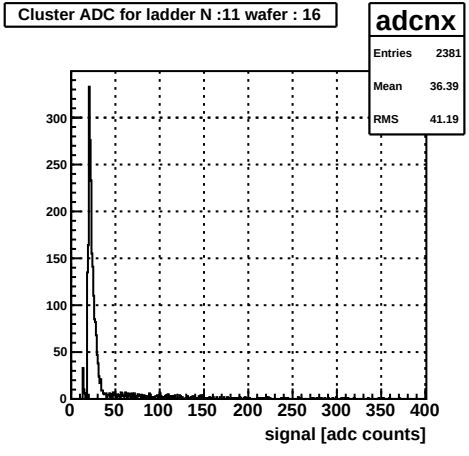

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1899
Mean 41.76
RMS 45.95
signal [adc counts]

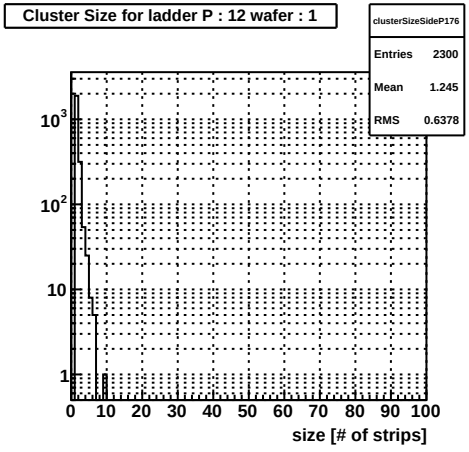

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 529
Mean 1.323
RMS 0.775
size [# of strips]

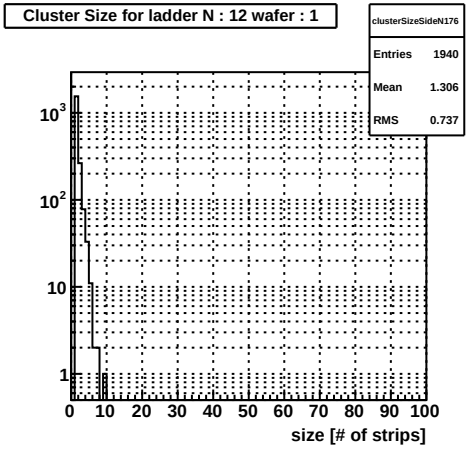

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2381
Mean 1.121
RMS 0.4119
size [# of strips]

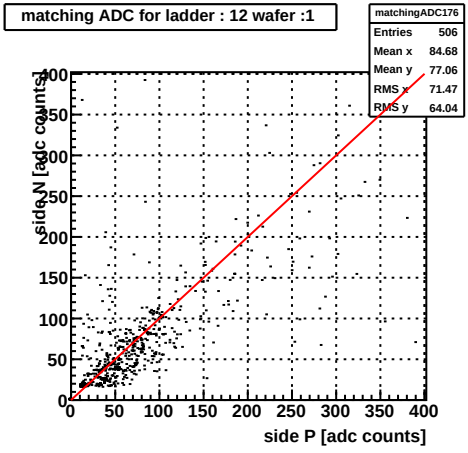

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 314
Mean x 105.5
Mean y 107.6
RMS x 72.43
RMS y 70.52
side N [adc counts]
side P [adc counts]

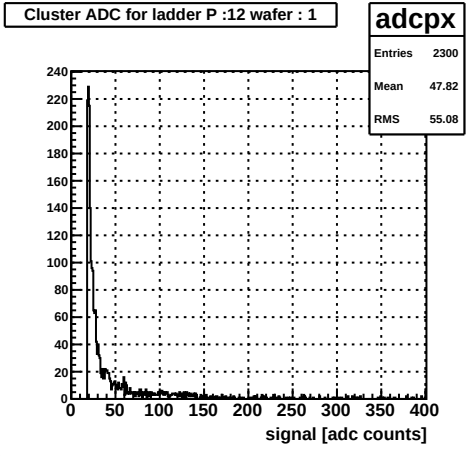

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 529
Mean 74.02
RMS 65.68
signal [adc counts]

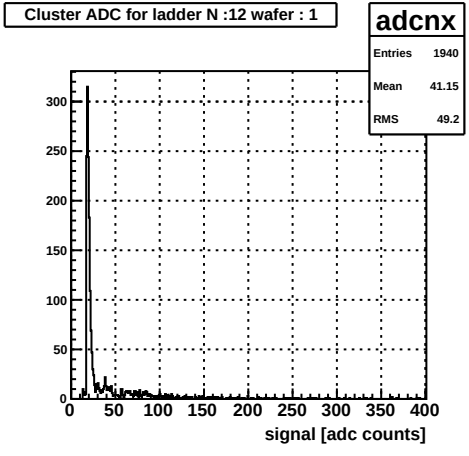

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2381
Mean 36.39
RMS 41.19
signal [adc counts]

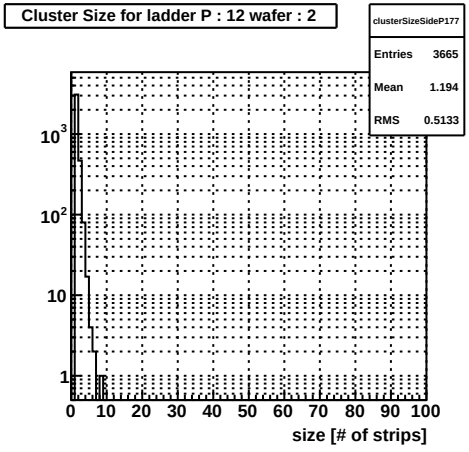

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2300
Mean 1.245
RMS 0.6378
size [# of strips]

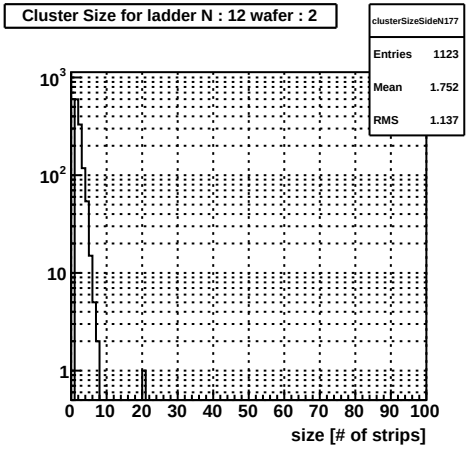

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1940
Mean 1.306
RMS 0.737
size [# of strips]

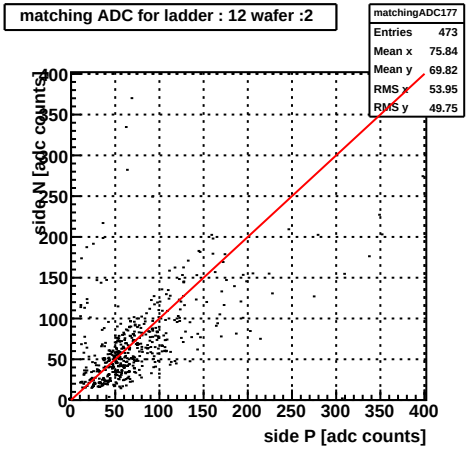

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 506
Mean x 84.68
Mean y 77.06
RMS x 71.47
RMS y 64.04
side N [adc counts]
side P [adc counts]

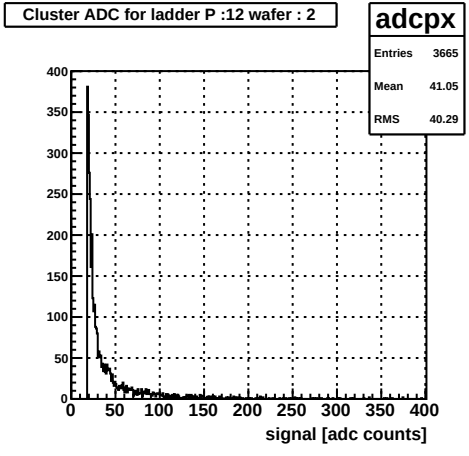

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2300
Mean 47.82
RMS 55.08
signal [adc counts]

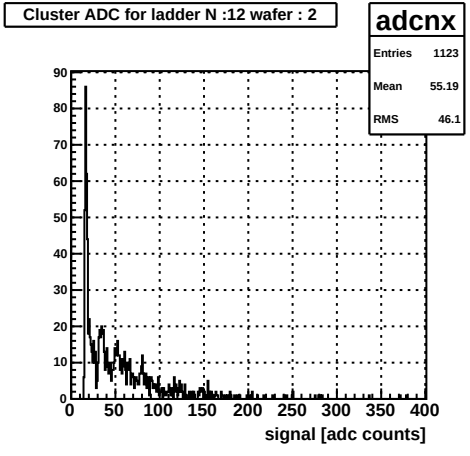

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1940
Mean 41.15
RMS 49.2
signal [adc counts]

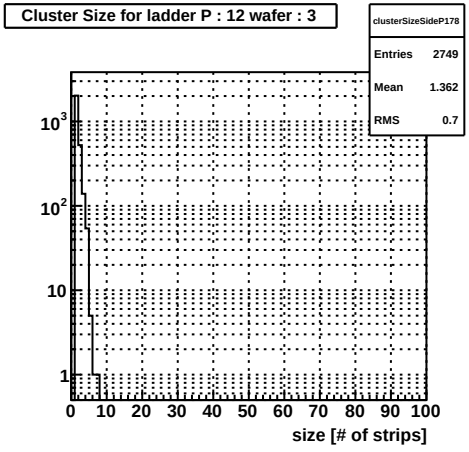

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3665
Mean 1.194
RMS 0.5133
size [# of strips]

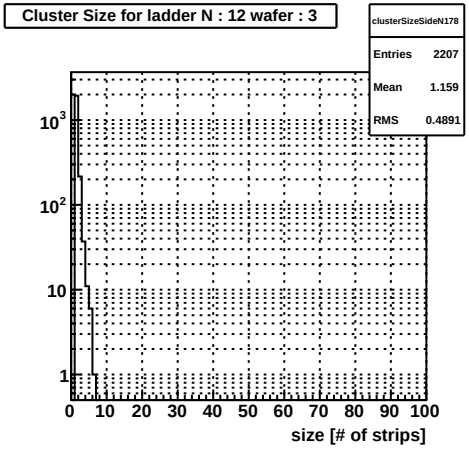

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1123
Mean 1.752
RMS 1.137
size [# of strips]

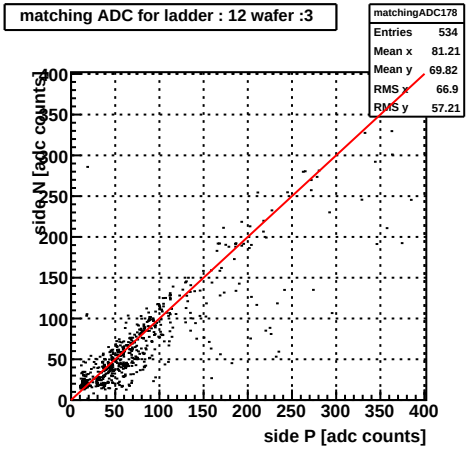

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 473
Mean x 75.84
Mean y 69.82
RMS x 53.95
RMS y 49.75
side N [adc counts]
side P [adc counts]

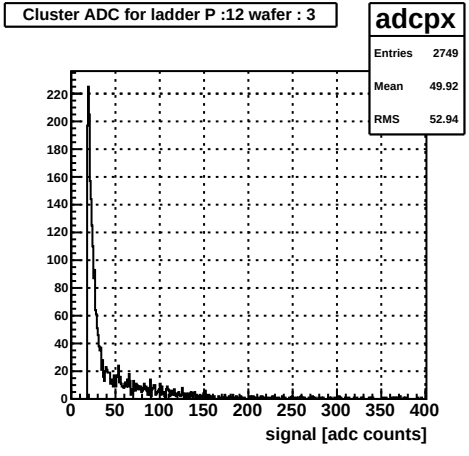

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3665
Mean 41.05
RMS 40.29
signal [adc counts]

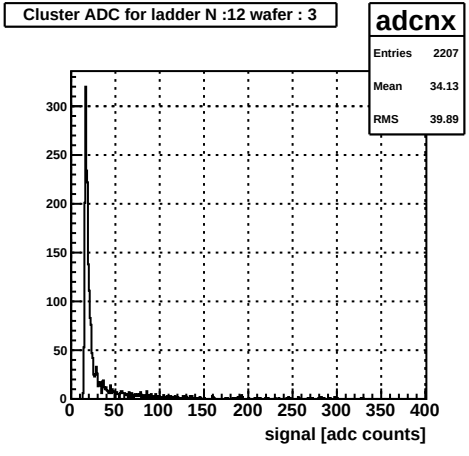

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1123
Mean 55.19
RMS 46.1
signal [adc counts]

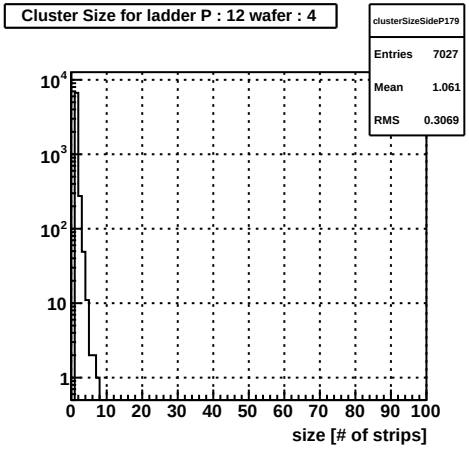

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2749
Mean 1.362
RMS 0.7
size [# of strips]

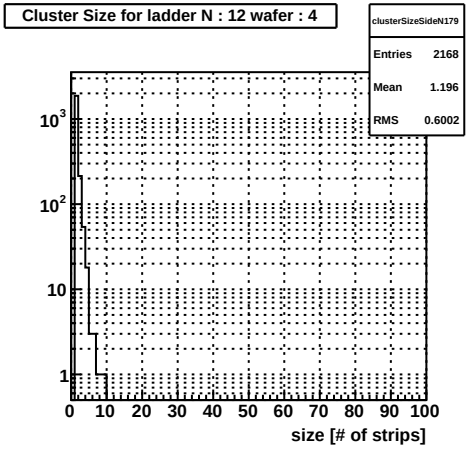

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2207
Mean 1.159
RMS 0.4891
size [# of strips]

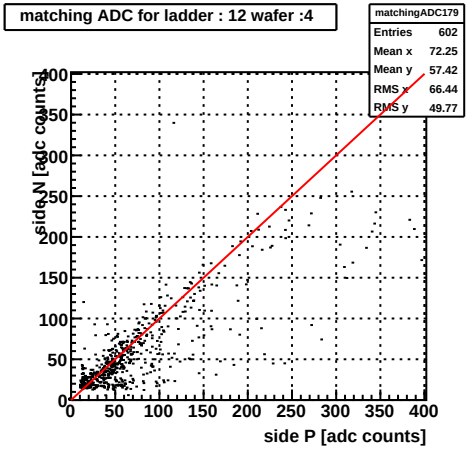

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 534
Mean x 81.21
Mean y 69.82
RMS x 66.9
RMS y 57.21
side N [adc counts]
side P [adc counts]

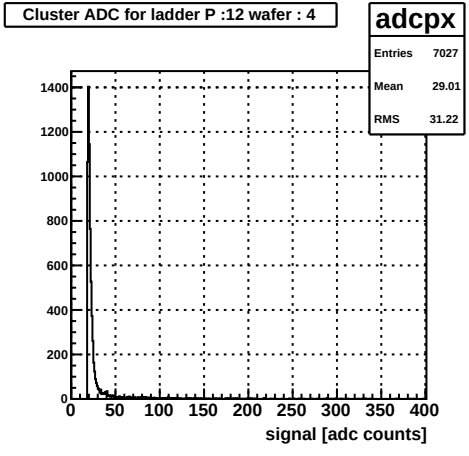

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2749
Mean 49.92
RMS 52.94
signal [adc counts]

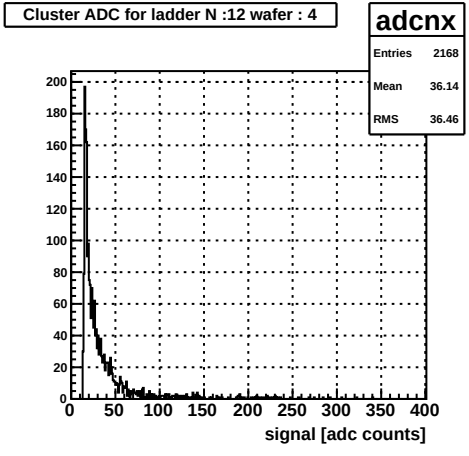

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2207
Mean 34.13
RMS 39.89
signal [adc counts]

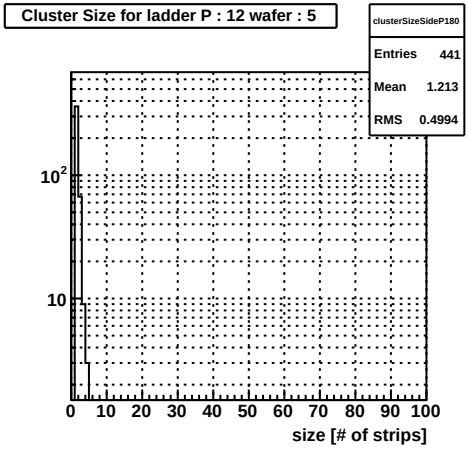

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 7027
Mean 1.061
RMS 0.3069
size [# of strips]

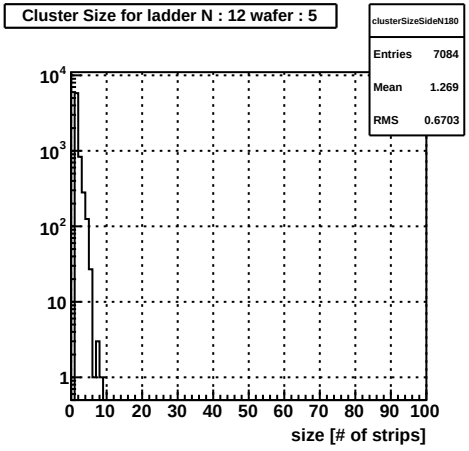

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2168
Mean 1.196
RMS 0.6002
size [# of strips]

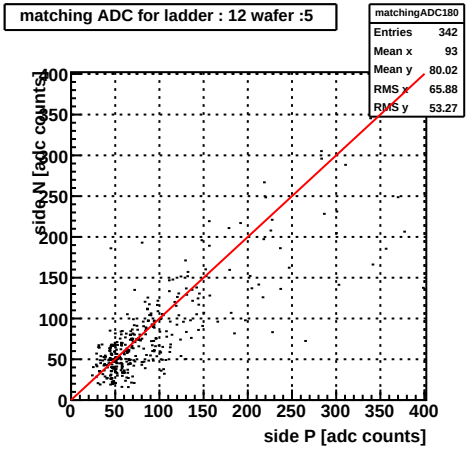

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 602
Mean x 72.25
Mean y 57.42
RMS x 66.44
RMS y 49.77
side N [adc counts]
side P [adc counts]

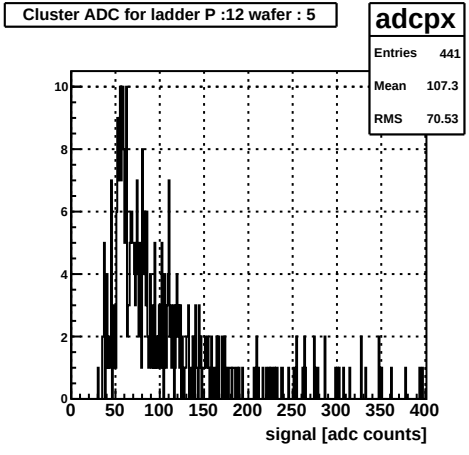

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 7027
Mean 29.01
RMS 31.22
signal [adc counts]

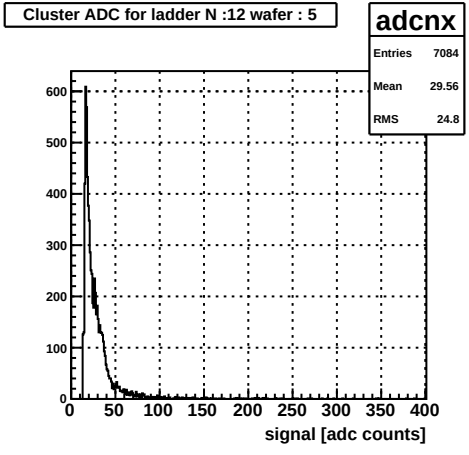

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2168
Mean 36.14
RMS 36.46
signal [adc counts]

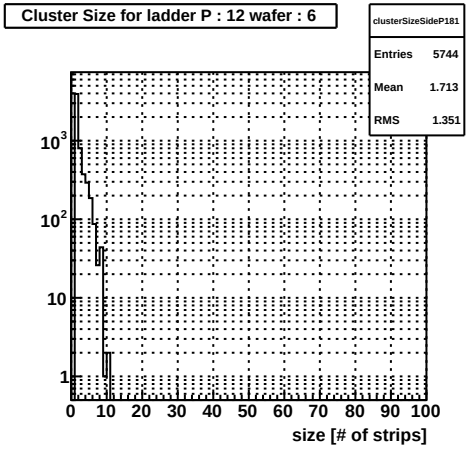

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 441
Mean 1.213
RMS 0.4994
size [# of strips]

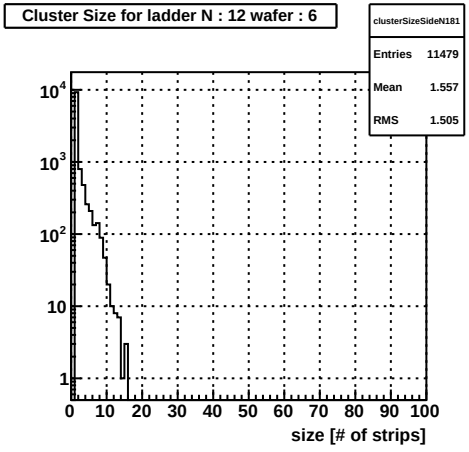

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7084
Mean 1.269
RMS 0.6703
size [# of strips]

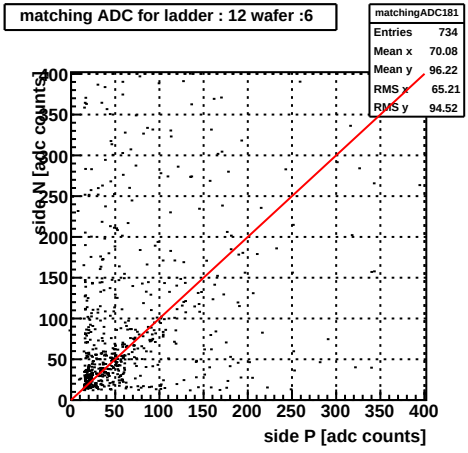

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 342
Mean x 93
Mean y 80.02
RMS x 65.88
RMS y 53.27
side N [adc counts]
side P [adc counts]

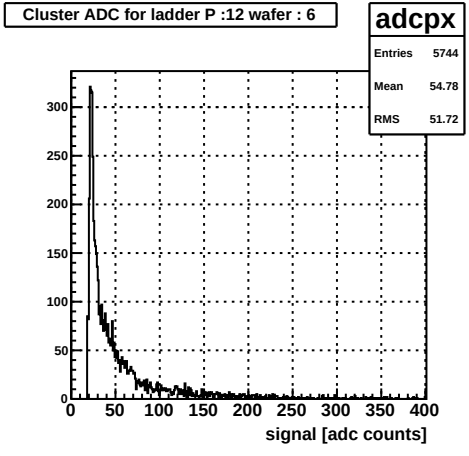

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 441
Mean 107.3
RMS 70.53
signal [adc counts]

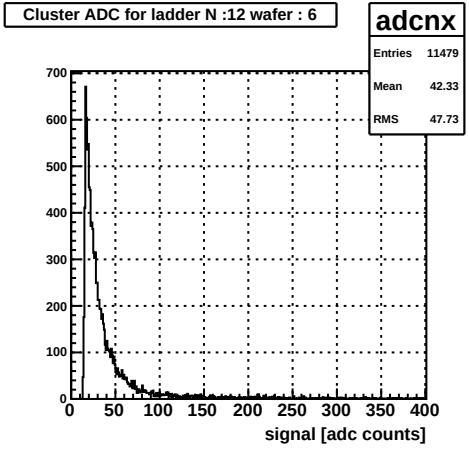

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7084
Mean 29.56
RMS 24.8
signal [adc counts]

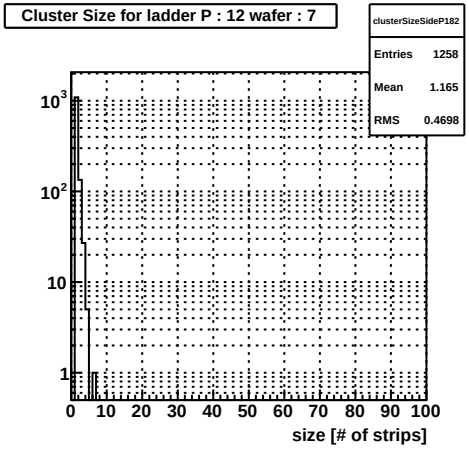

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 5744
Mean 1.713
RMS 1.351
size [# of strips]

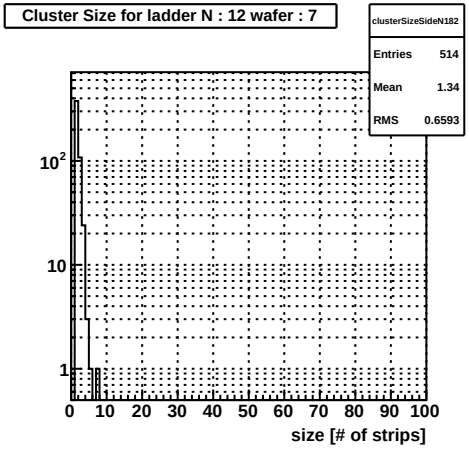

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 11479
Mean 1.557
RMS 1.505
size [# of strips]

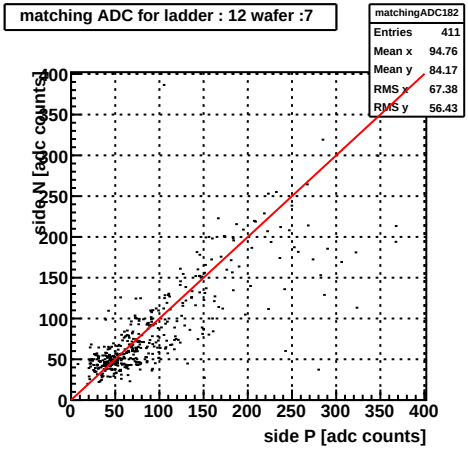

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 734
Mean x 70.08
Mean y 96.22
RMS x 65.21
RMS y 94.52
side N [adc counts]
side P [adc counts]

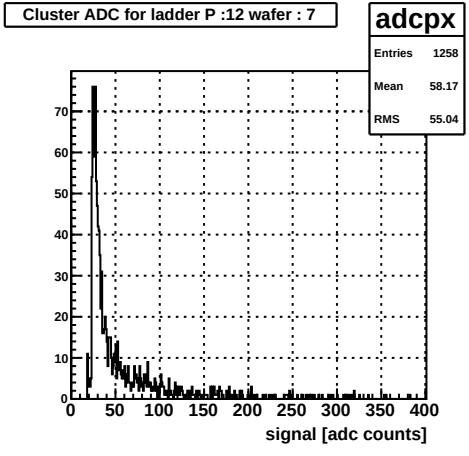

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 5744
Mean 54.78
RMS 51.72
signal [adc counts]

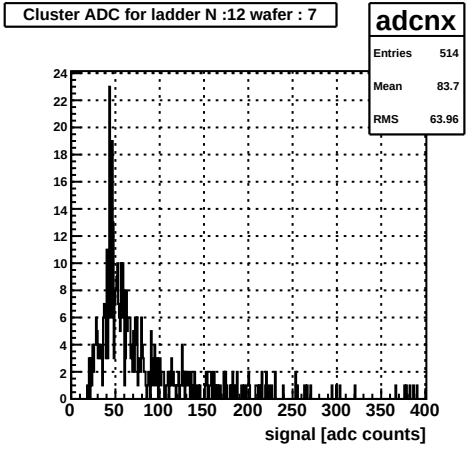

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 11479
Mean 42.33
RMS 47.73
signal [adc counts]

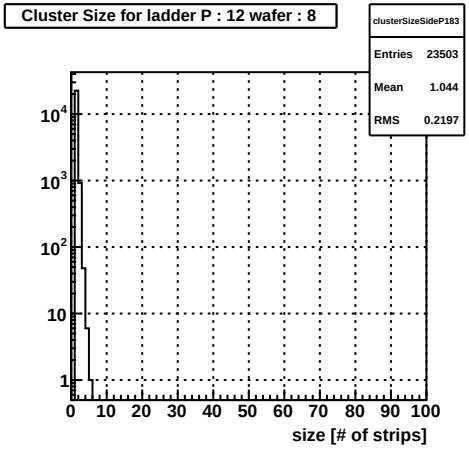

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1258
Mean 1.165
RMS 0.4698
size [# of strips]

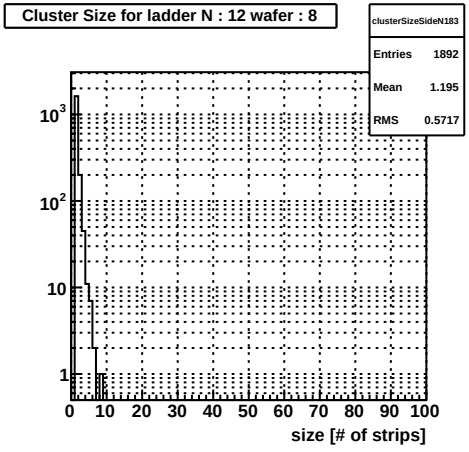

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 514
Mean 1.34
RMS 0.6593
size [# of strips]

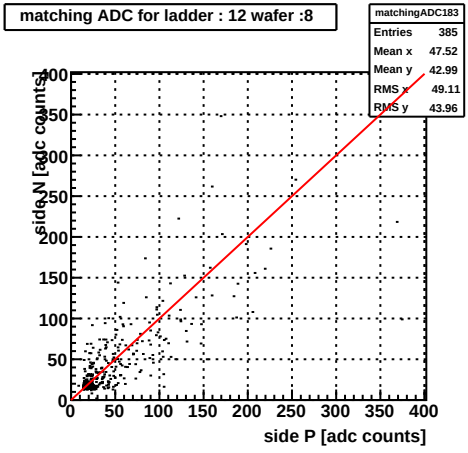

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 411
Mean x 94.76
Mean y 84.17
RMS x 67.38
RMS y 56.43
side N [adc counts]
side P [adc counts]

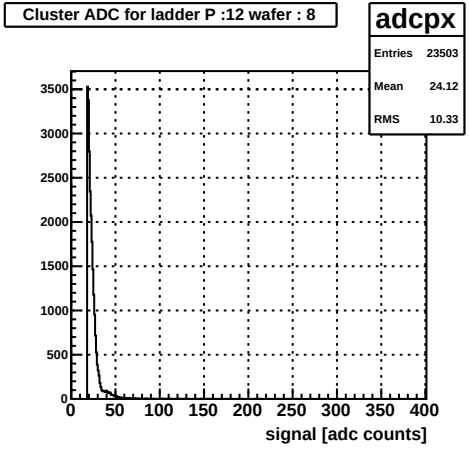

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1258
Mean 58.17
RMS 55.04
signal [adc counts]

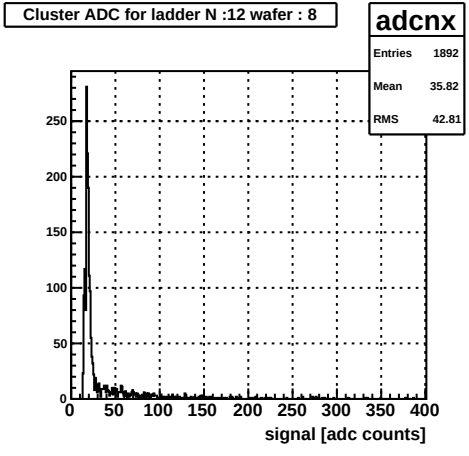

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 514
Mean 83.7
RMS 63.96
signal [adc counts]

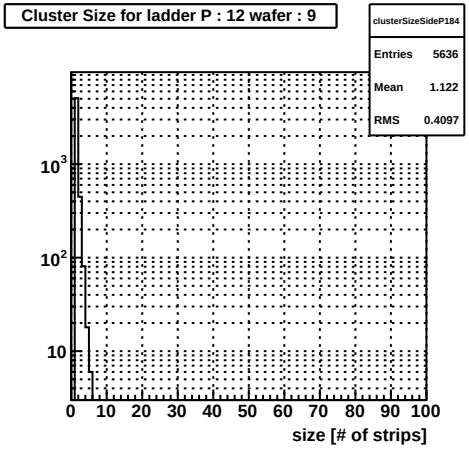

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 23503
Mean 1.044
RMS 0.2197
size [# of strips]

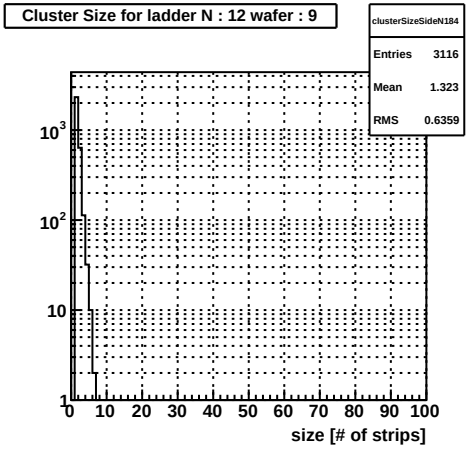

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1892
Mean 1.195
RMS 0.5717
size [# of strips]

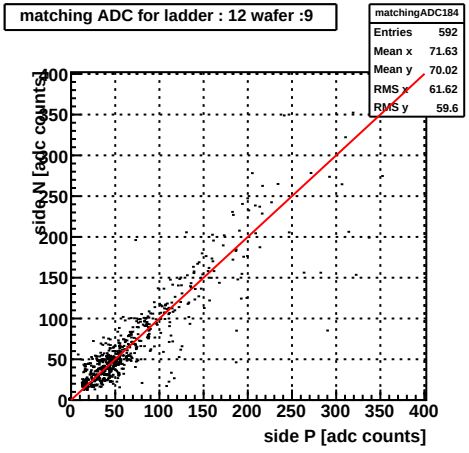

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 385
Mean x 47.52
Mean y 42.99
RMS x 49.11
RMS y 43.96
side N [adc counts]
side P [adc counts]

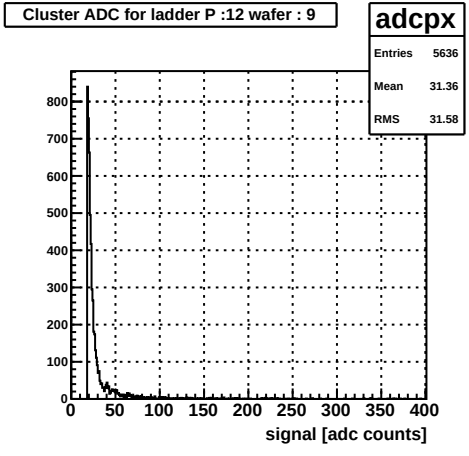

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 23503
Mean 24.12
RMS 10.33
signal [adc counts]

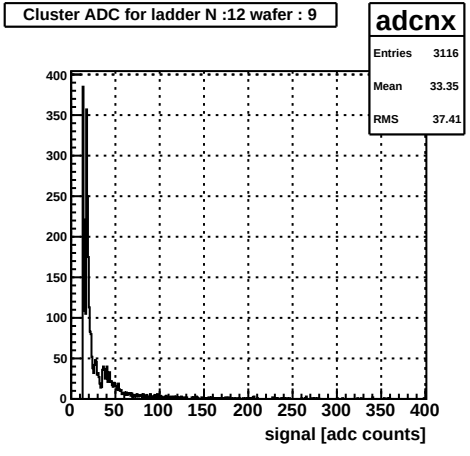

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1892
Mean 35.82
RMS 42.81
signal [adc counts]

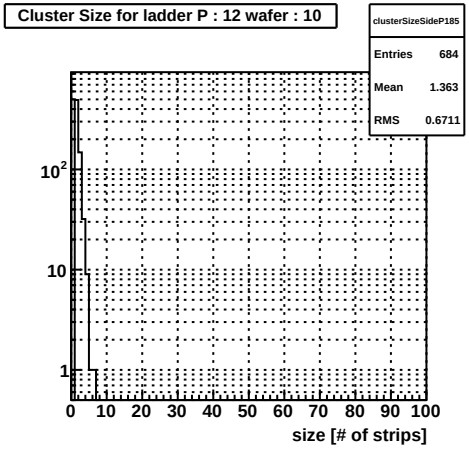

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5636
Mean 1.122
RMS 0.4097
size [# of strips]

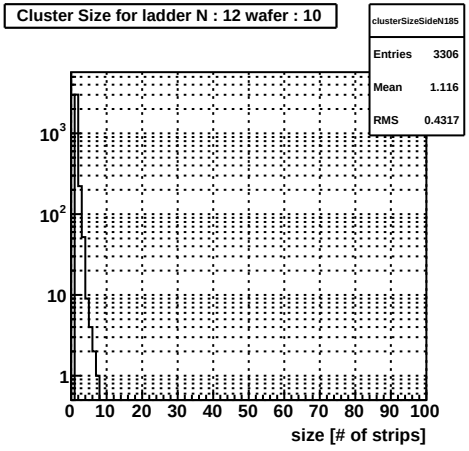

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3116
Mean 1.323
RMS 0.6359
size [# of strips]

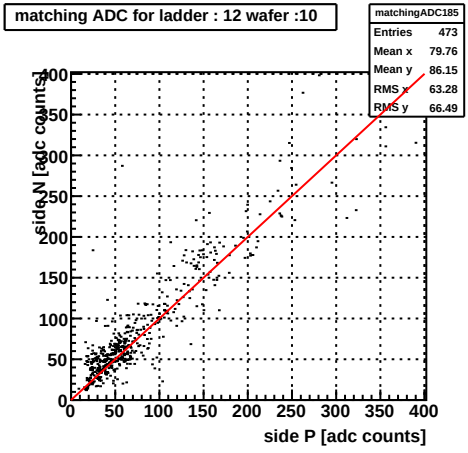

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 592
Mean x 71.63
Mean y 70.02
RMS x 61.62
RMS y 59.6
side N [adc counts]
side P [adc counts]

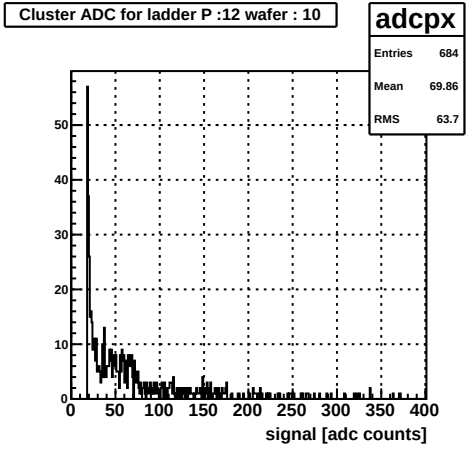

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5636
Mean 31.36
RMS 31.58
signal [adc counts]

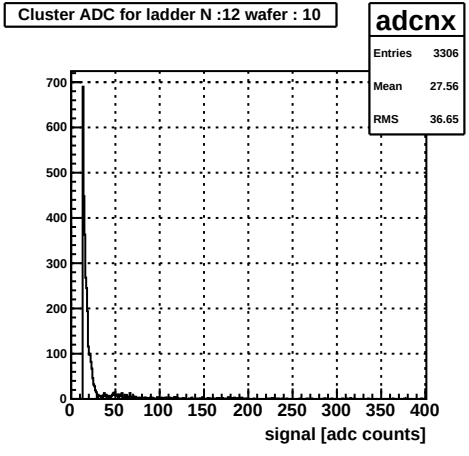

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3116
Mean 33.35
RMS 37.41
signal [adc counts]

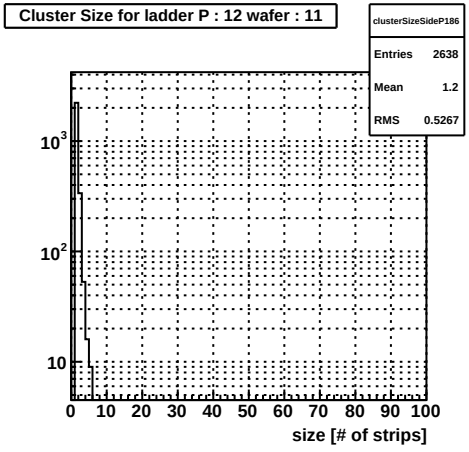

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 684
Mean 1.363
RMS 0.6711
size [# of strips]

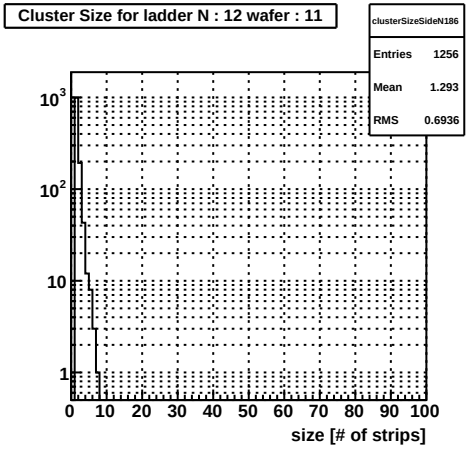

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3306
Mean 1.116
RMS 0.4317
size [# of strips]

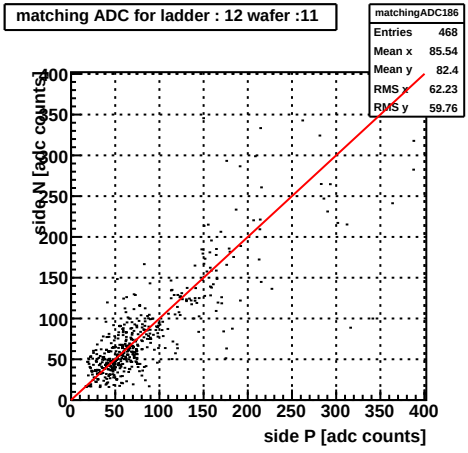

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 473
Mean x 79.76
Mean y 86.15
RMS x 63.28
RMS y 66.49
side N [adc counts]
side P [adc counts]

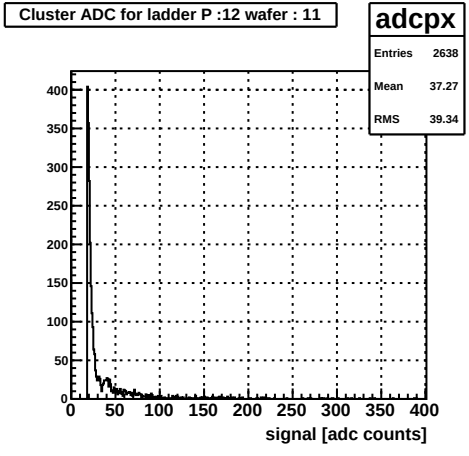

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 684
Mean 69.86
RMS 63.7
signal [adc counts]

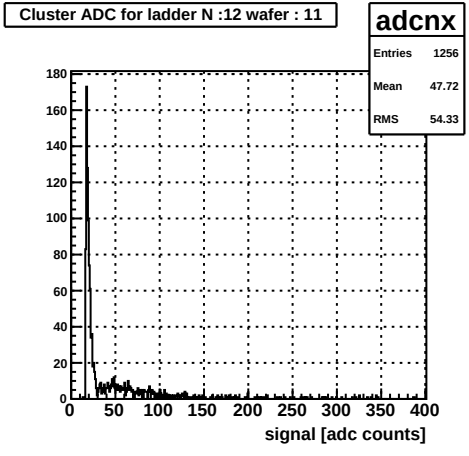

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3306
Mean 27.56
RMS 36.65
signal [adc counts]

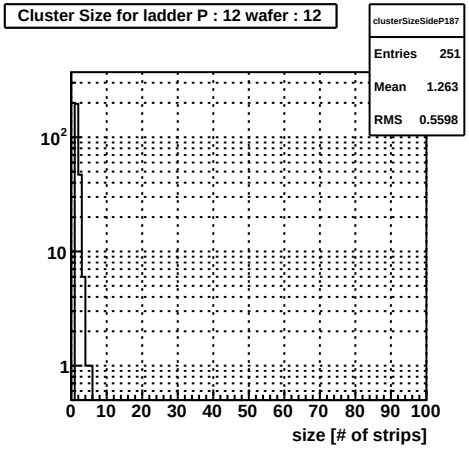

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2638
Mean 1.2
RMS 0.5267
size [# of strips]

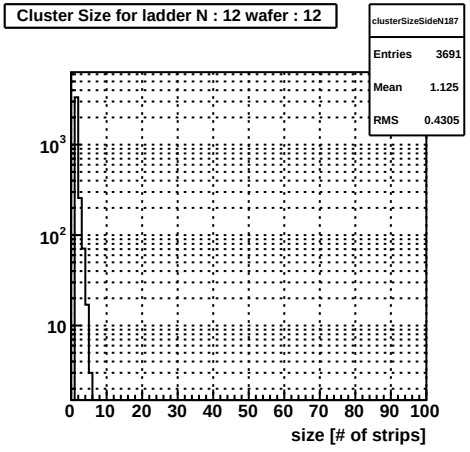

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1256
Mean 1.293
RMS 0.6936
size [# of strips]

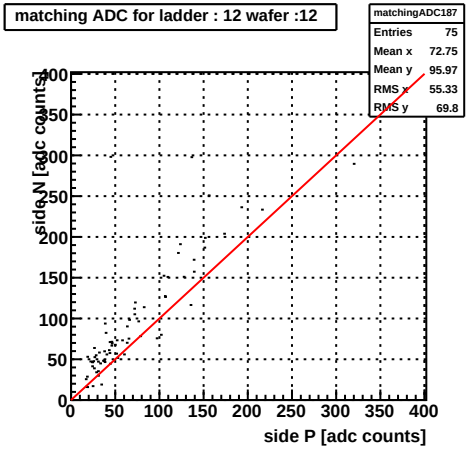

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 468
Mean x 85.54
Mean y 82.4
RMS x 62.23
RMS y 59.76
side N [adc counts]
side P [adc counts]

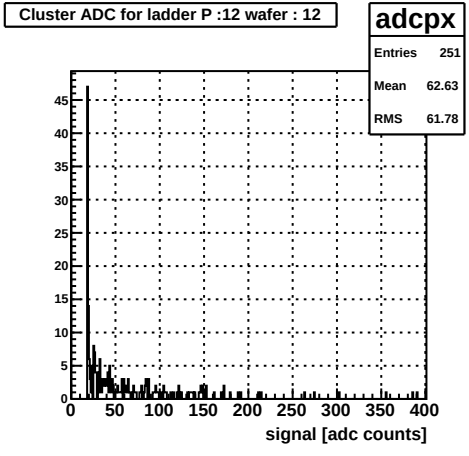

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2638
Mean 37.27
RMS 39.34
signal [adc counts]

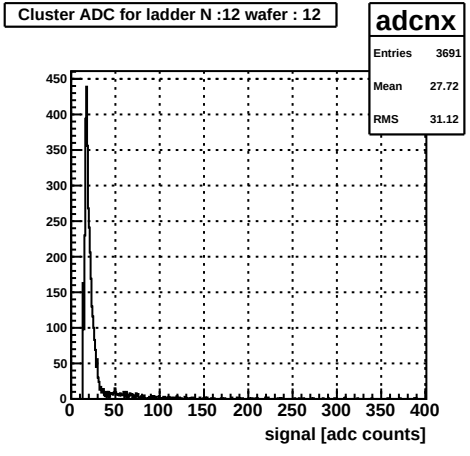

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1256
Mean 47.72
RMS 54.33
signal [adc counts]

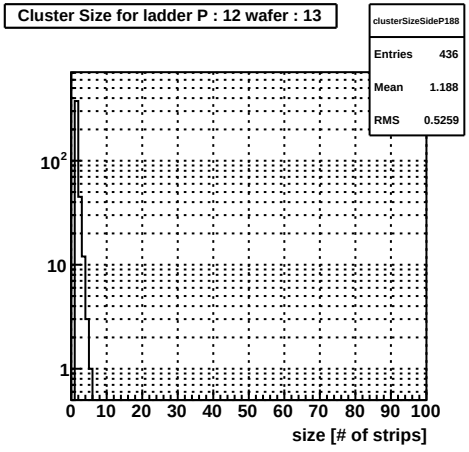

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 251
Mean 1.263
RMS 0.5598
size [# of strips]

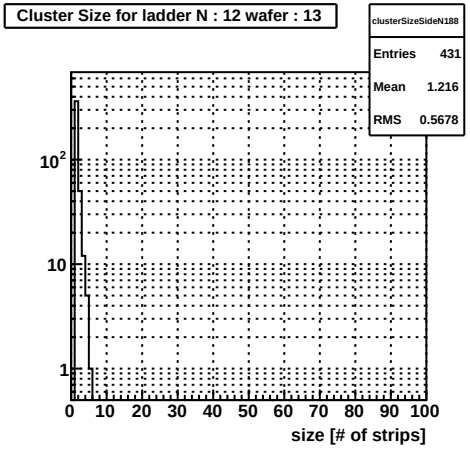

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3691
Mean 1.125
RMS 0.4305
size [# of strips]

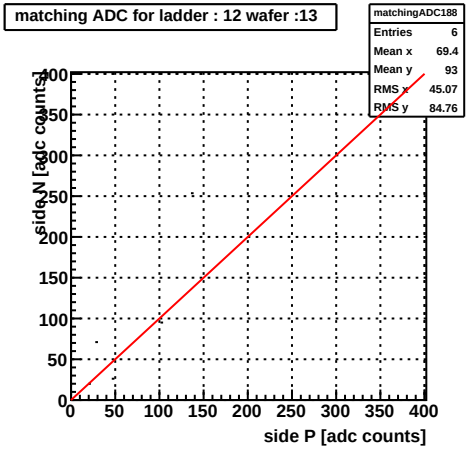

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 75
Mean x 72.75
Mean y 95.97
RMS x 55.33
RMS y 69.8
side N [adc counts]
side P [adc counts]

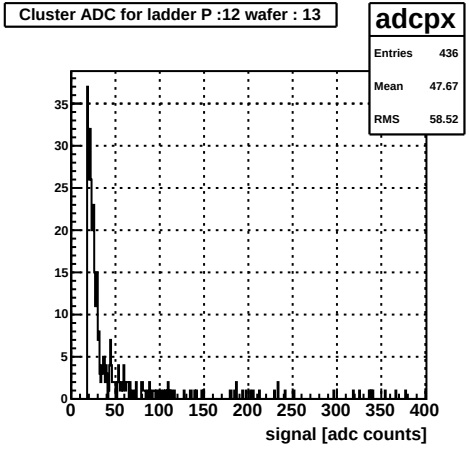

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 251
Mean 62.63
RMS 61.78
signal [adc counts]

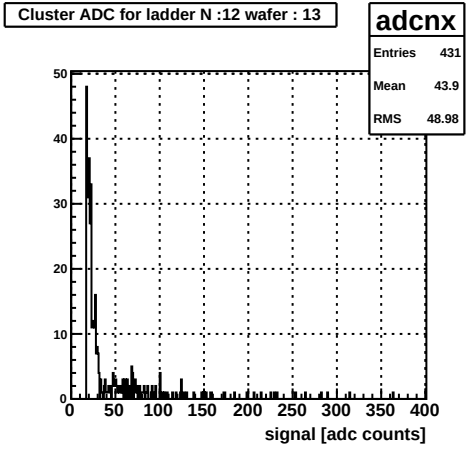

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3691
Mean 27.72
RMS 31.12
signal [adc counts]

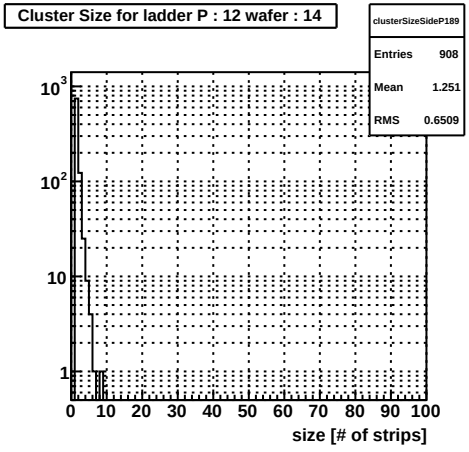

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 436
Mean 1.188
RMS 0.5259
size [# of strips]

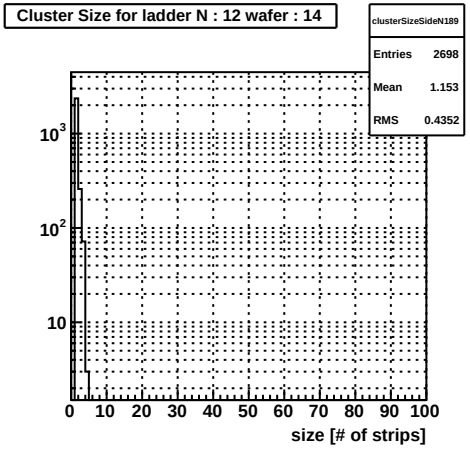

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 431
Mean 1.216
RMS 0.5678
size [# of strips]

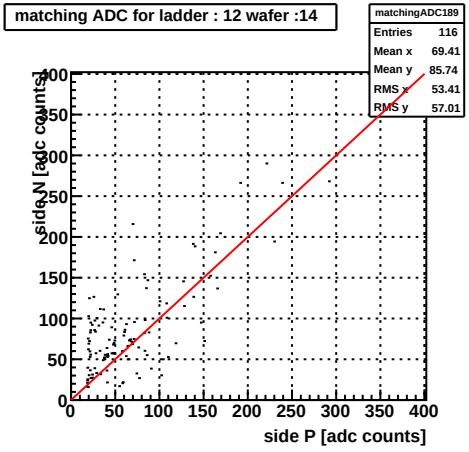

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 6
Mean x 69.4
Mean y 93
RMS x 45.07
RMS y 84.76
side N [adc counts]
side P [adc counts]

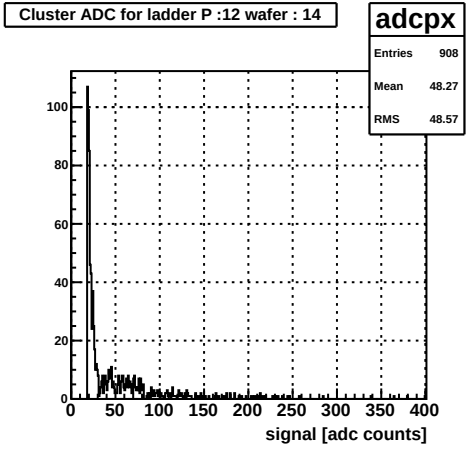

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 436
Mean 47.67
RMS 58.52
signal [adc counts]

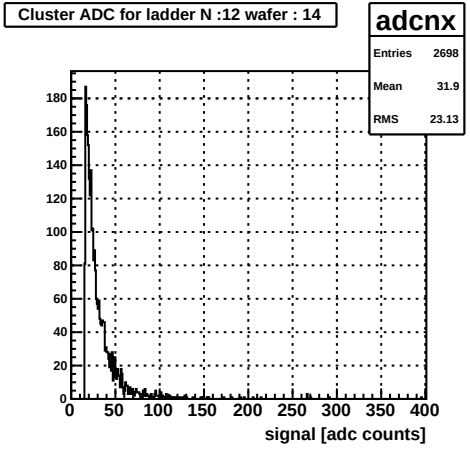

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 431
Mean 43.9
RMS 48.98
signal [adc counts]

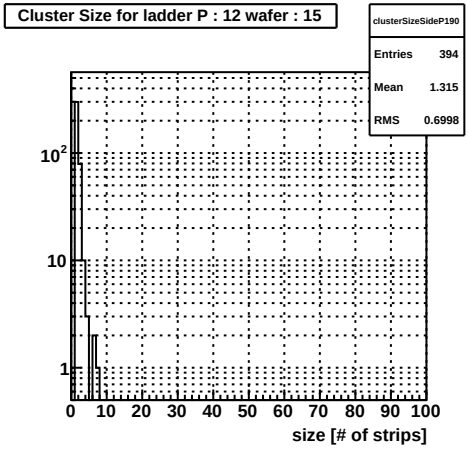

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 908
Mean 1.251
RMS 0.6509
size [# of strips]

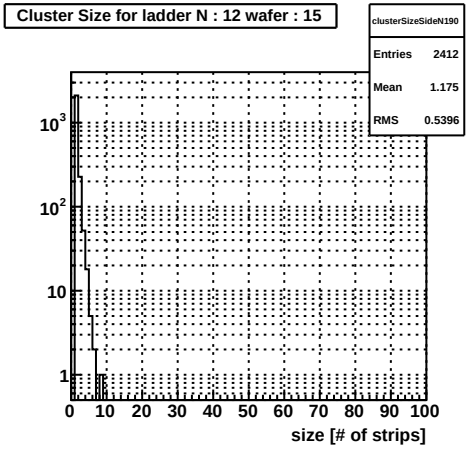

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2698
Mean 1.153
RMS 0.4352
size [# of strips]

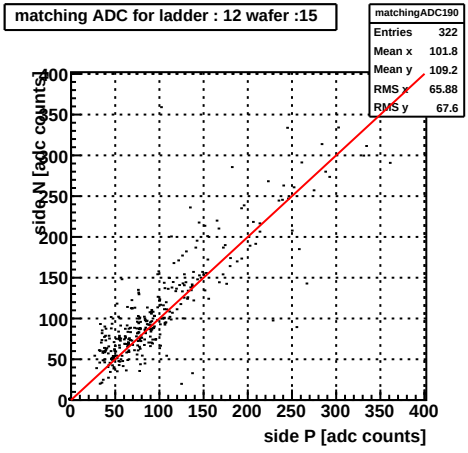

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 116
Mean x 69.41
Mean y 85.74
RMS x 53.41
RMS y 57.01
side N [adc counts]
side P [adc counts]

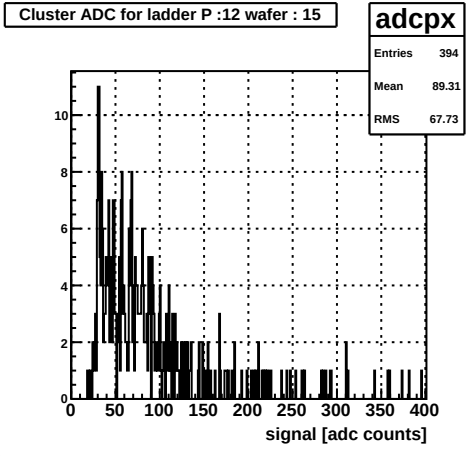

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 908
Mean 48.27
RMS 48.57
signal [adc counts]

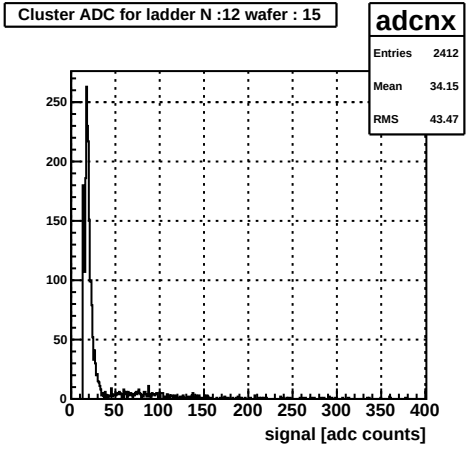

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2698
Mean 31.9
RMS 23.13
signal [adc counts]

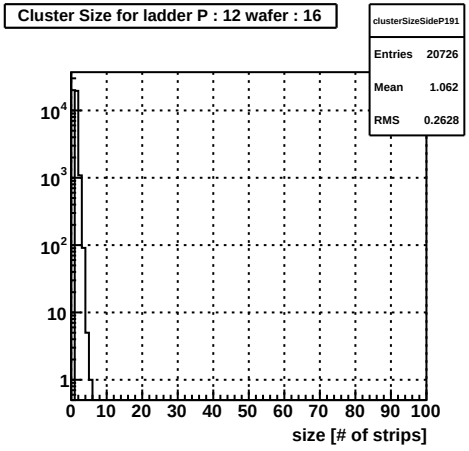

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 394
Mean 1.315
RMS 0.6998
size [# of strips]

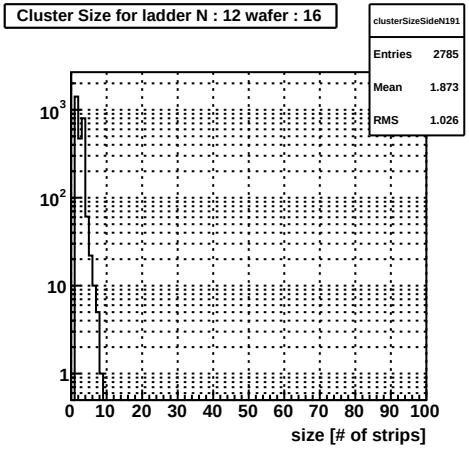

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2412
Mean 1.175
RMS 0.5396
size [# of strips]

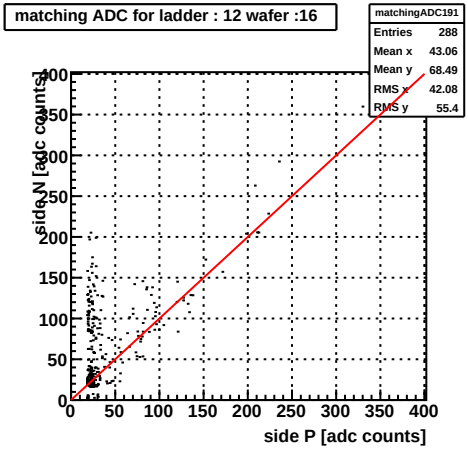

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 322
Mean x 101.8
Mean y 109.2
RMS x 65.88
RMS y 67.6
side N [adc counts]
side P [adc counts]

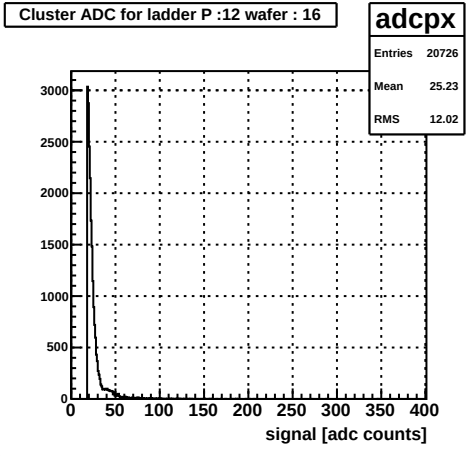

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 394
Mean 89.31
RMS 67.73
signal [adc counts]

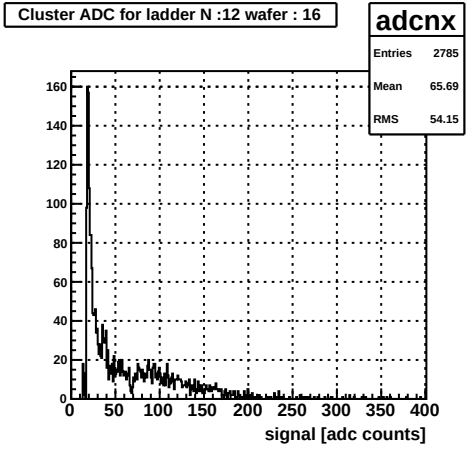

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2412
Mean 34.15
RMS 43.47
signal [adc counts]

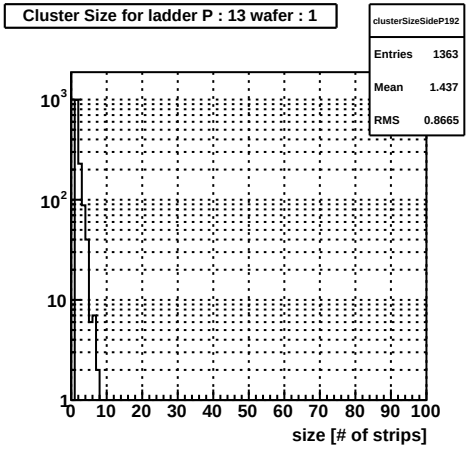

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 20726
Mean 1.062
RMS 0.2628
size [# of strips]

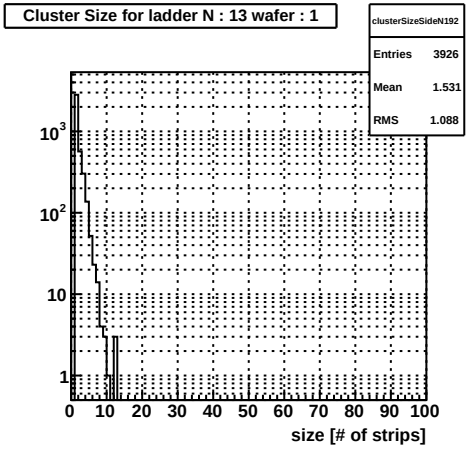

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2785
Mean 1.873
RMS 1.026
size [# of strips]

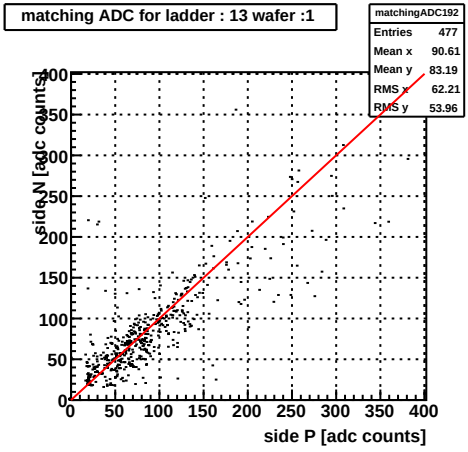

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 288
Mean x 43.06
Mean y 68.49
RMS x 42.08
RMS y 55.4
side N [adc counts]
side P [adc counts]

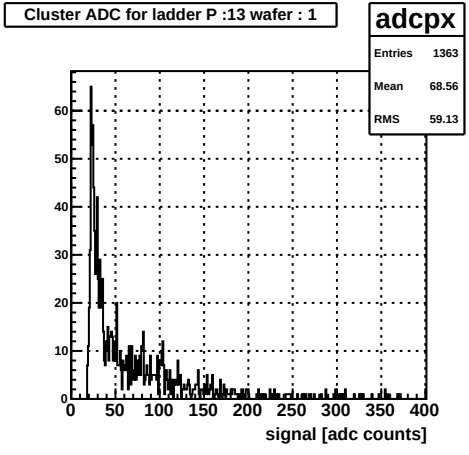

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 20726
Mean 25.23
RMS 12.02
signal [adc counts]

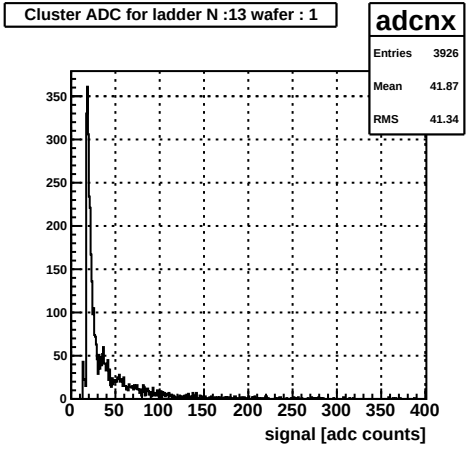

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2785
Mean 65.69
RMS 54.15
signal [adc counts]

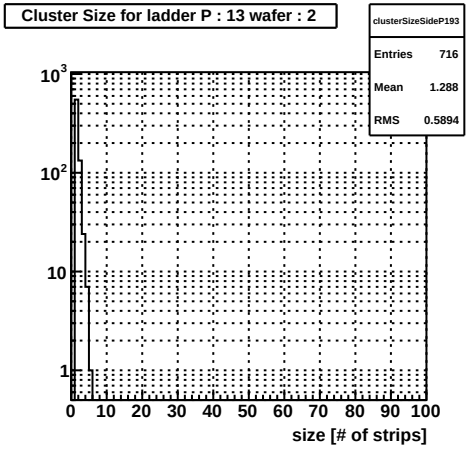

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1363
Mean 1.437
RMS 0.8665
size [# of strips]

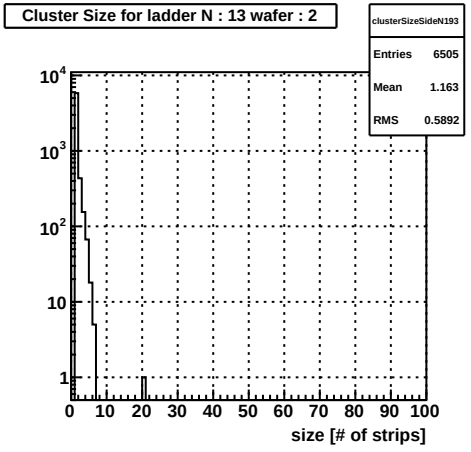

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3926
Mean 1.531
RMS 1.088
size [# of strips]

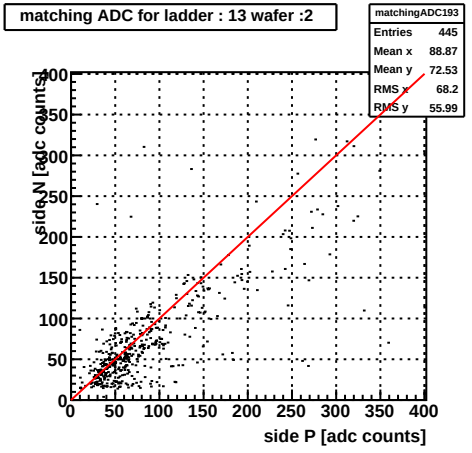

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 477
Mean x 90.61
Mean y 83.19
RMS x 62.21
RMS y 53.96
side N [adc counts]
side P [adc counts]

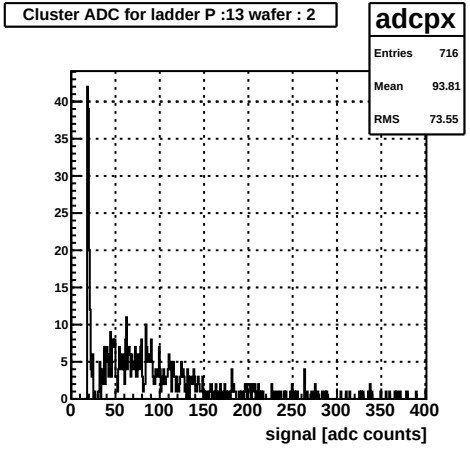

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1363
Mean 68.56
RMS 59.13
signal [adc counts]

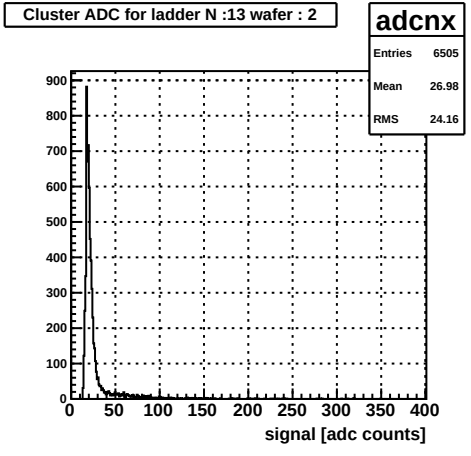

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3926
Mean 41.87
RMS 41.34
signal [adc counts]

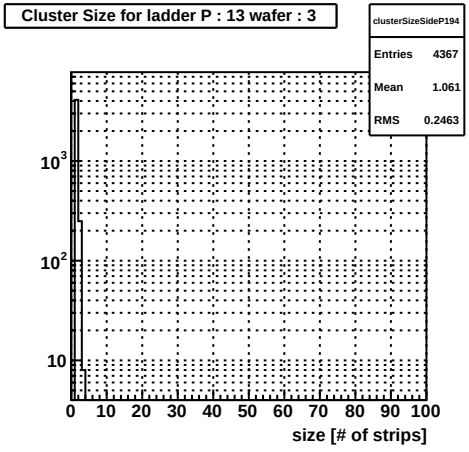

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 716
Mean 1.288
RMS 0.5894
size [# of strips]

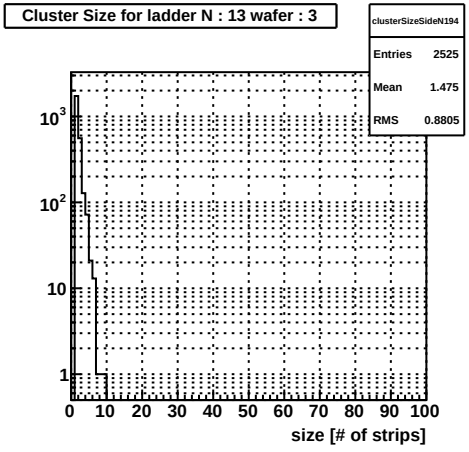

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 6505
Mean 1.163
RMS 0.5892
size [# of strips]

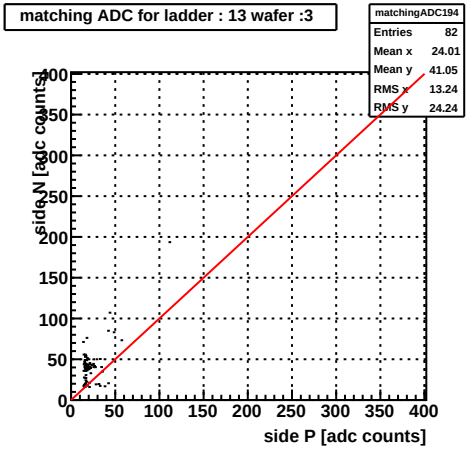

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 445
Mean x 88.87
Mean y 72.53
RMS x 68.2
RMS y 55.99
side N [adc counts]
side P [adc counts]

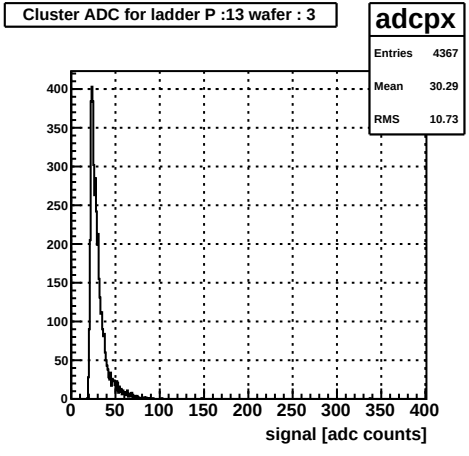

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 716
Mean 93.81
RMS 73.55
signal [adc counts]

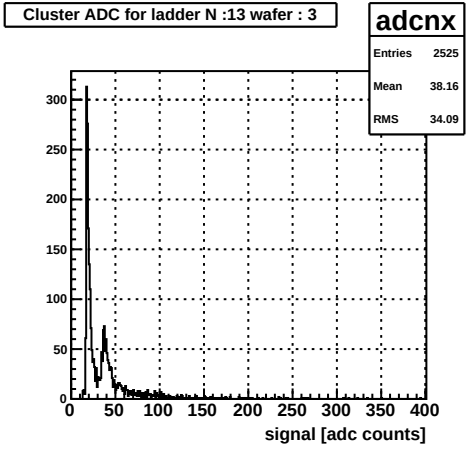

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 6505
Mean 26.98
RMS 24.16
signal [adc counts]

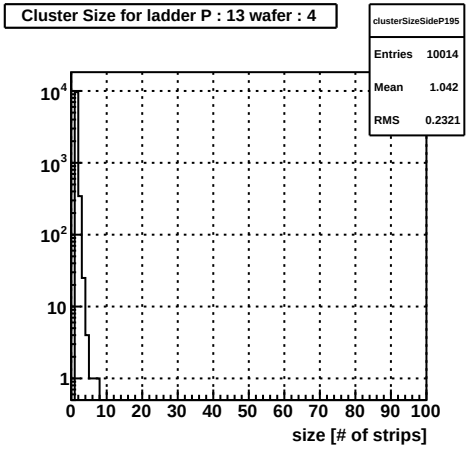

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4367
Mean 1.061
RMS 0.2463
size [# of strips]

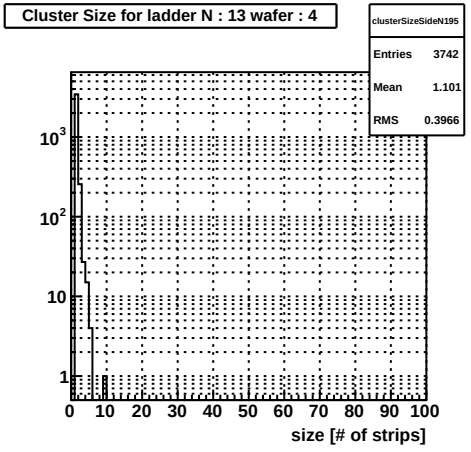

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2525
Mean 1.475
RMS 0.8805
size [# of strips]

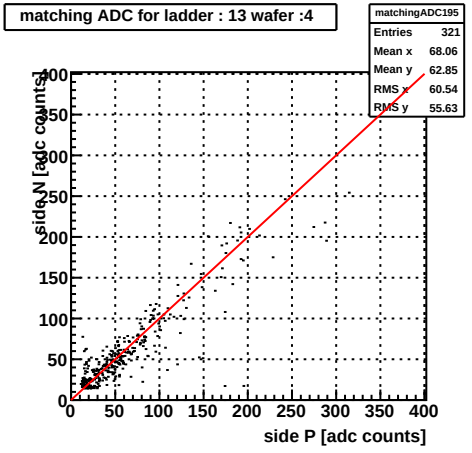

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 82
Mean x 24.01
Mean y 41.05
RMS x 13.24
RMS y 24.24
side N [adc counts]
side P [adc counts]

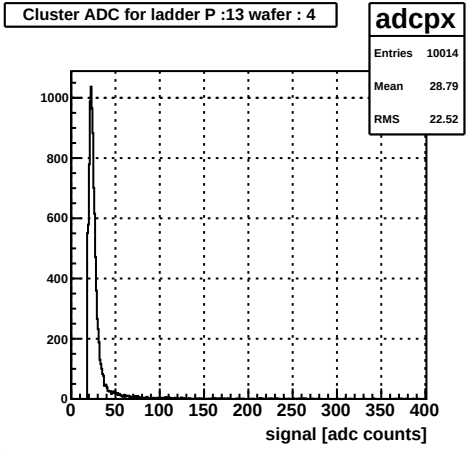

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4367
Mean 30.29
RMS 10.73
signal [adc counts]

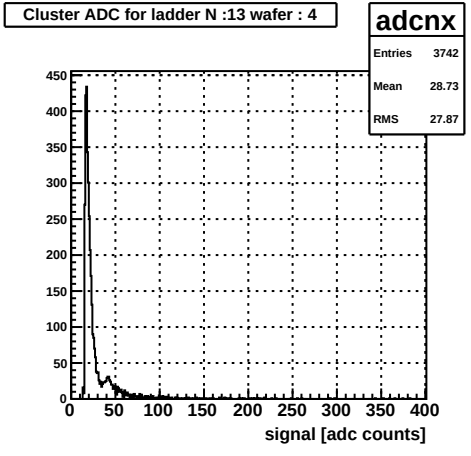

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2525
Mean 38.16
RMS 34.09
signal [adc counts]

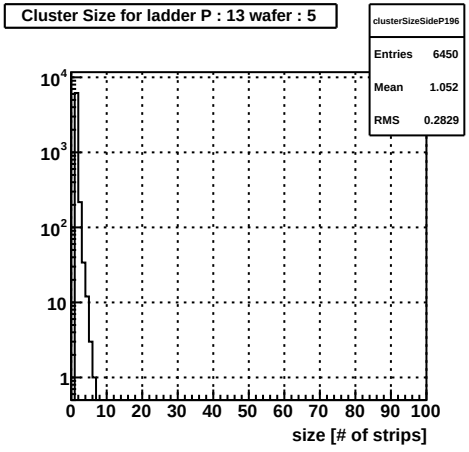

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10014
Mean 1.042
RMS 0.2321
size [# of strips]

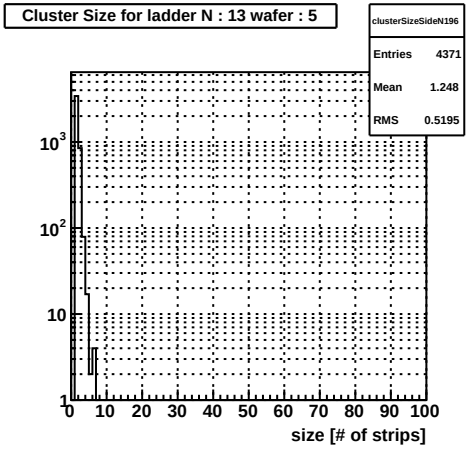

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3742
Mean 1.101
RMS 0.3966
size [# of strips]

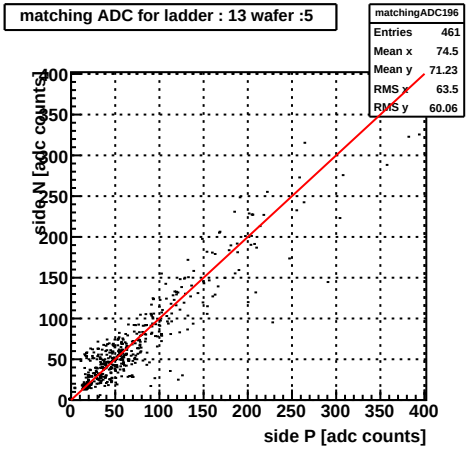

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 321
Mean x 68.06
Mean y 62.85
RMS x 60.54
RMS y 55.63
side N [adc counts]
side P [adc counts]

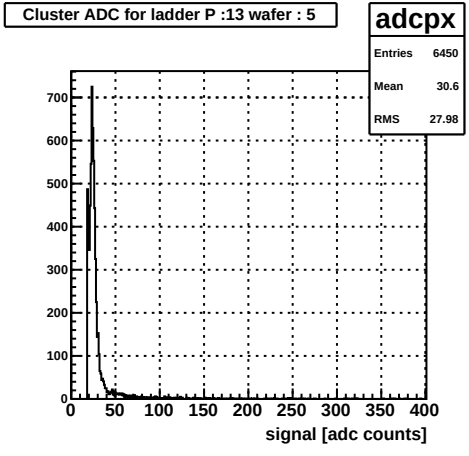

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10014
Mean 28.79
RMS 22.52
signal [adc counts]

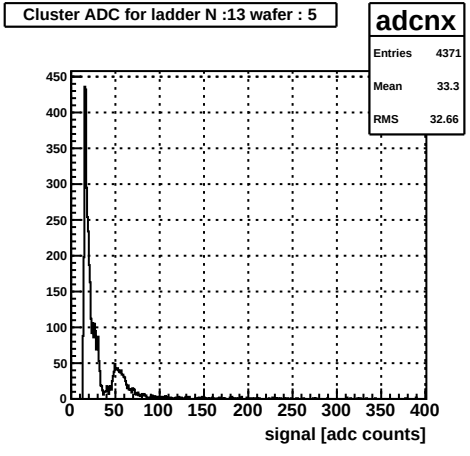

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3742
Mean 28.73
RMS 27.87
signal [adc counts]

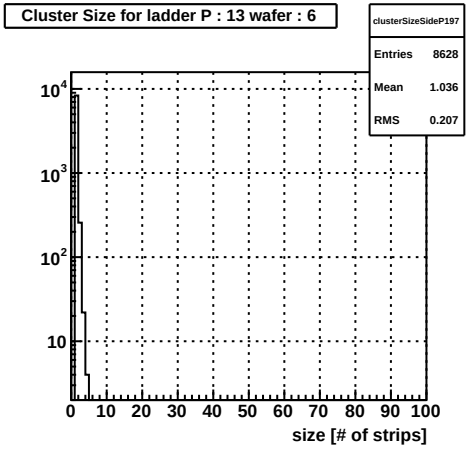

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6450
Mean 1.052
RMS 0.2829
size [# of strips]

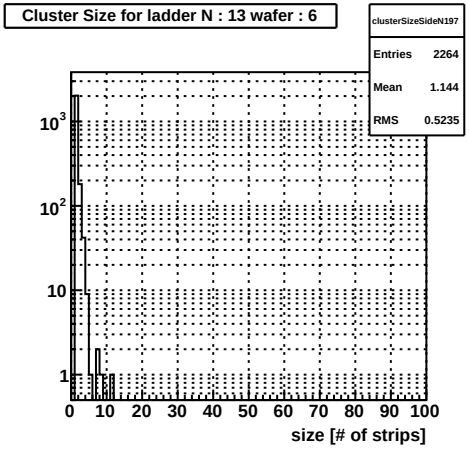

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4371
Mean 1.248
RMS 0.5195
size [# of strips]

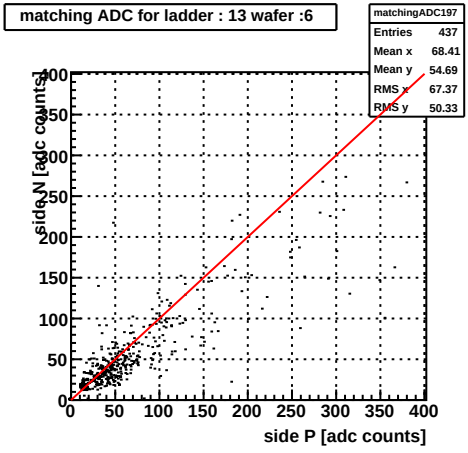

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 461
Mean x 74.5
Mean y 71.23
RMS x 63.5
RMS y 60.06
side N [adc counts]
side P [adc counts]

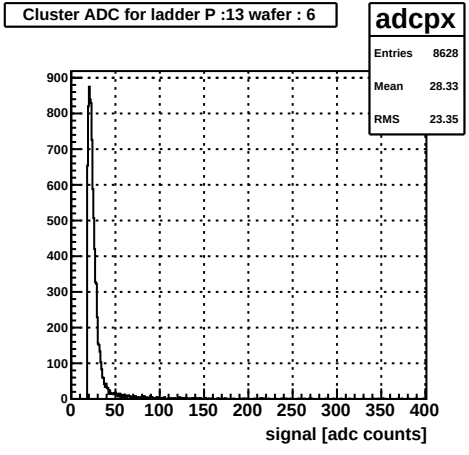

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6450
Mean 30.6
RMS 27.98
signal [adc counts]

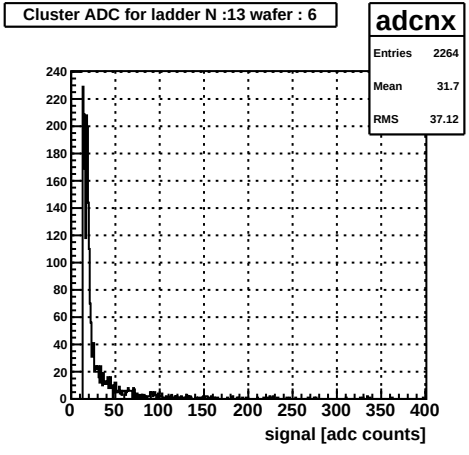

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4371
Mean 33.3
RMS 32.66
signal [adc counts]

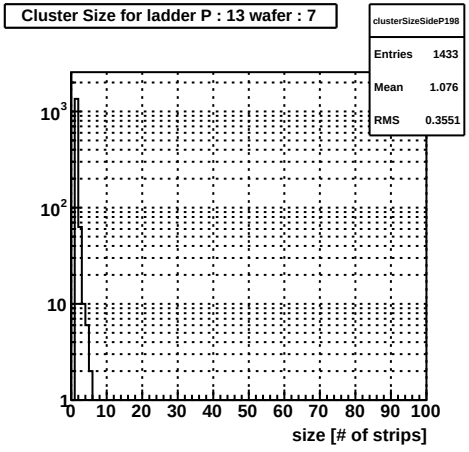

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 8628
Mean 1.036
RMS 0.207
size [# of strips]

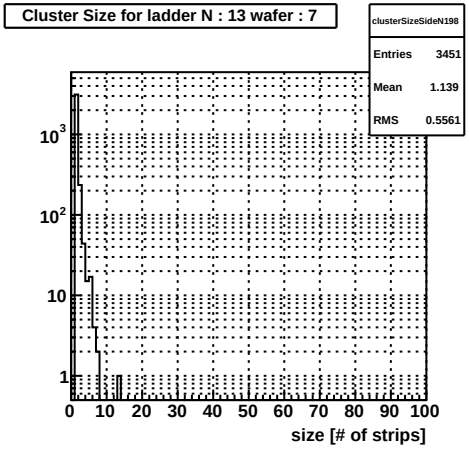

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2264
Mean 1.144
RMS 0.5235
size [# of strips]

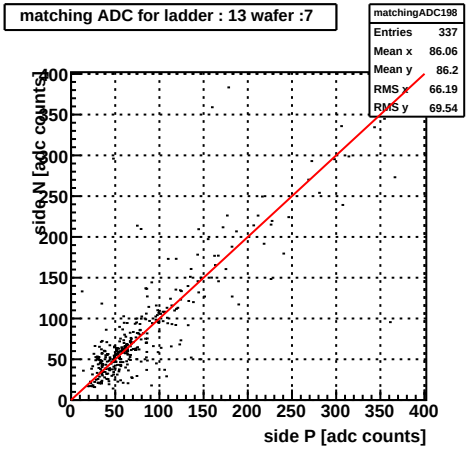

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 437
Mean x 68.41
Mean y 54.69
RMS x 67.37
RMS y 50.33
side N [adc counts]
side P [adc counts]

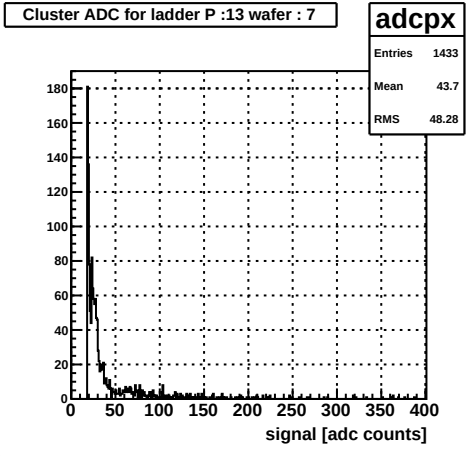

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 8628
Mean 28.33
RMS 23.35
signal [adc counts]

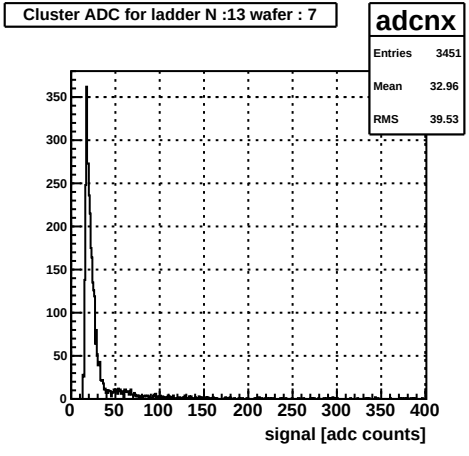

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2264
Mean 31.7
RMS 37.12
signal [adc counts]

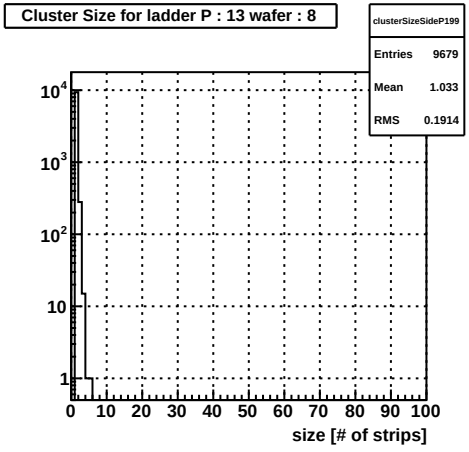

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1433
Mean 1.076
RMS 0.3551
size [# of strips]

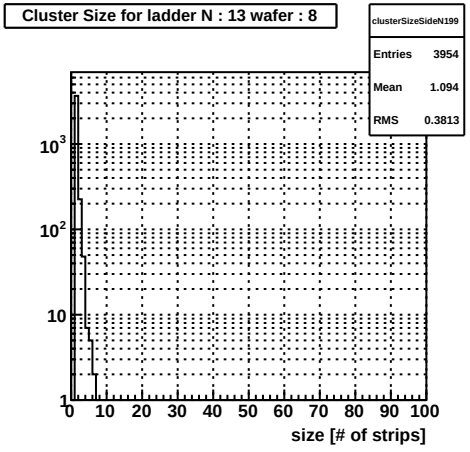

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3451
Mean 1.139
RMS 0.5561
size [# of strips]

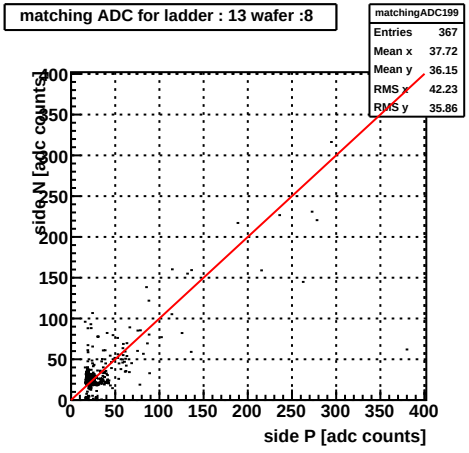

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 337
Mean x 86.06
Mean y 86.2
RMS x 66.19
RMS y 69.54
side N [adc counts]
side P [adc counts]

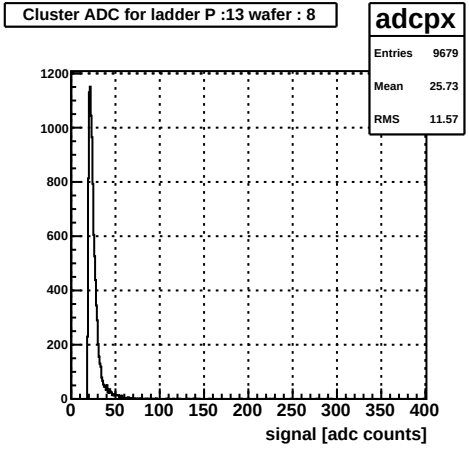

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1433
Mean 43.7
RMS 48.28
signal [adc counts]

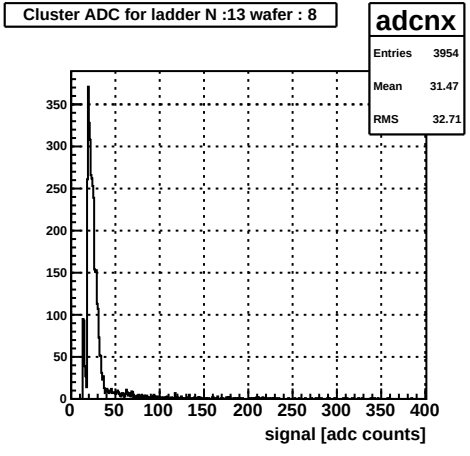

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3451
Mean 32.96
RMS 39.53
signal [adc counts]

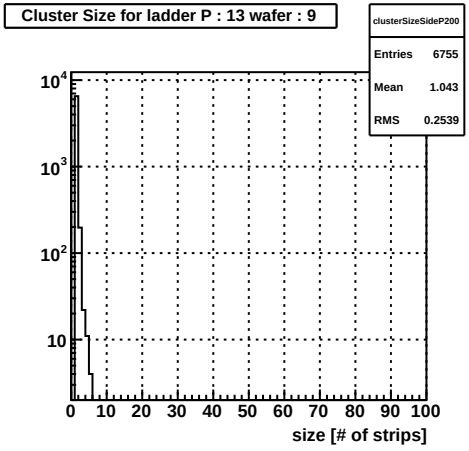

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9679
Mean 1.033
RMS 0.1914
size [# of strips]

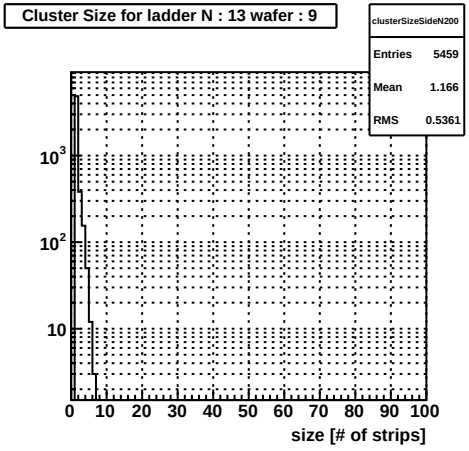

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3954
Mean 1.094
RMS 0.3813
size [# of strips]

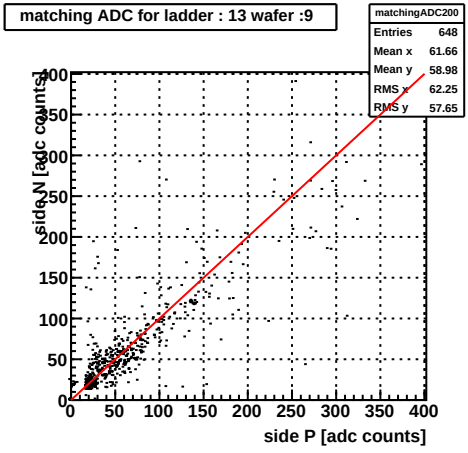

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 367
Mean x 37.72
Mean y 36.15
RMS x 42.23
RMS y 35.86
side N [adc counts]
side P [adc counts]

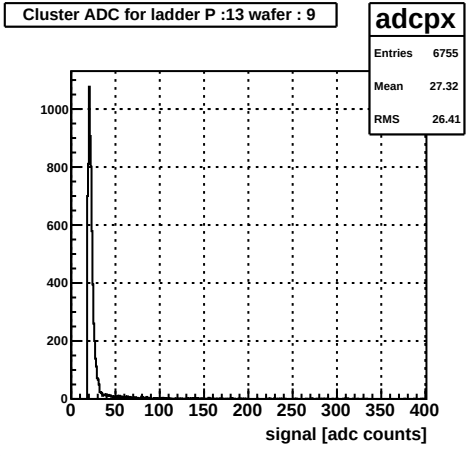

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9679
Mean 25.73
RMS 11.57
signal [adc counts]

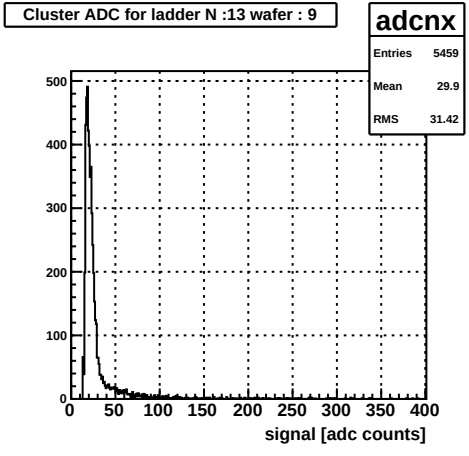

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3954
Mean 31.47
RMS 32.71
signal [adc counts]

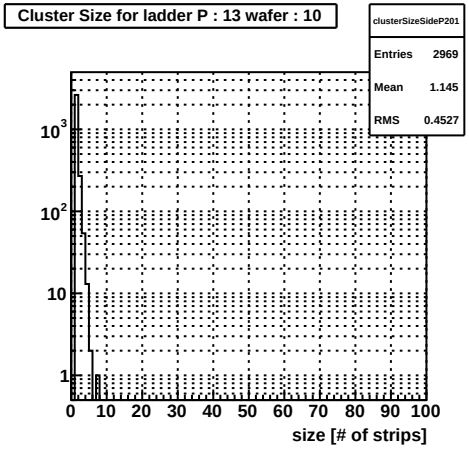

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6755
Mean 1.043
RMS 0.2539
size [# of strips]

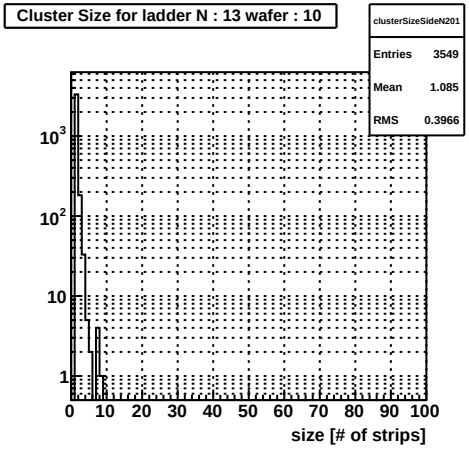

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5459
Mean 1.166
RMS 0.5361
size [# of strips]

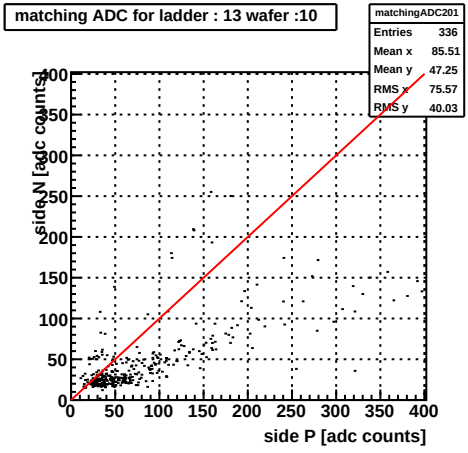

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 648
Mean x 61.66
Mean y 58.98
RMS x 62.25
RMS y 57.65
side N [adc counts]
side P [adc counts]

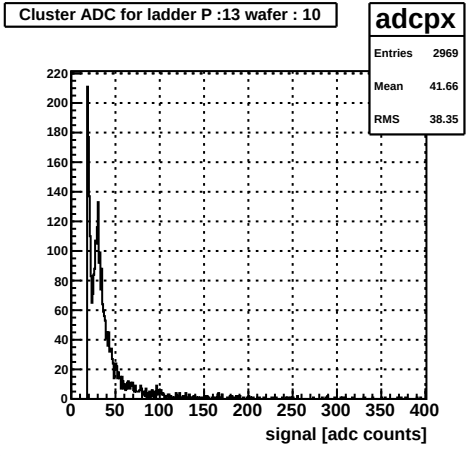

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6755
Mean 27.32
RMS 26.41
signal [adc counts]

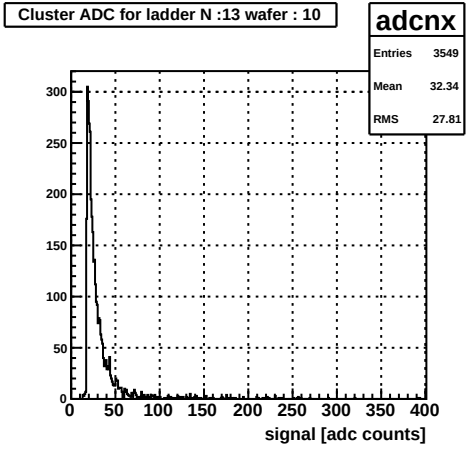

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5459
Mean 29.9
RMS 31.42
signal [adc counts]

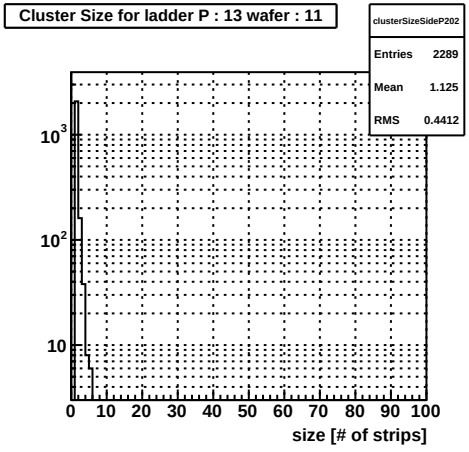

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2969
Mean 1.145
RMS 0.4527
size [# of strips]

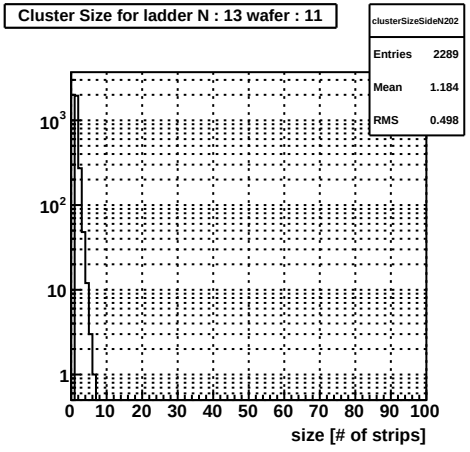

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3549
Mean 1.085
RMS 0.3966
size [# of strips]

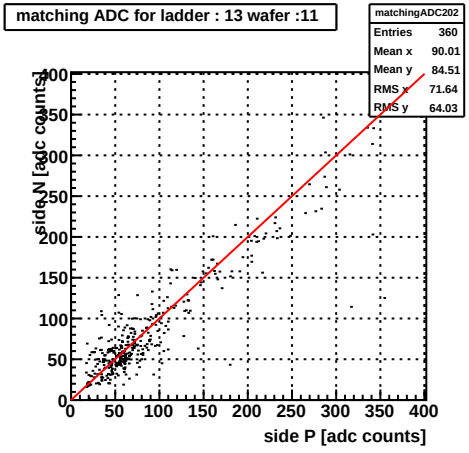

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 336
Mean x 85.51
Mean y 47.25
RMS x 75.57
RMS y 40.03
side N [adc counts]
side P [adc counts]

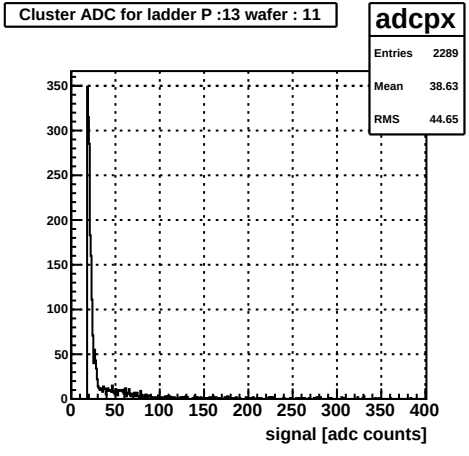

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2969
Mean 41.66
RMS 38.35
signal [adc counts]

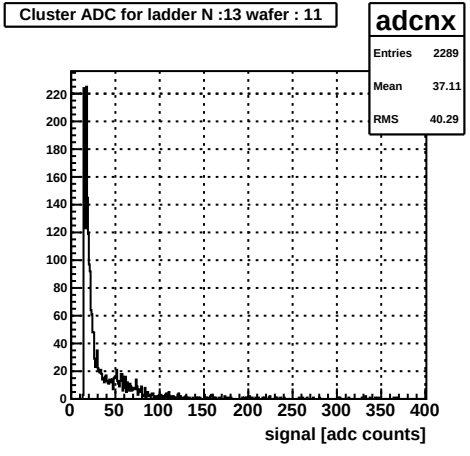

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3549
Mean 32.34
RMS 27.81
signal [adc counts]

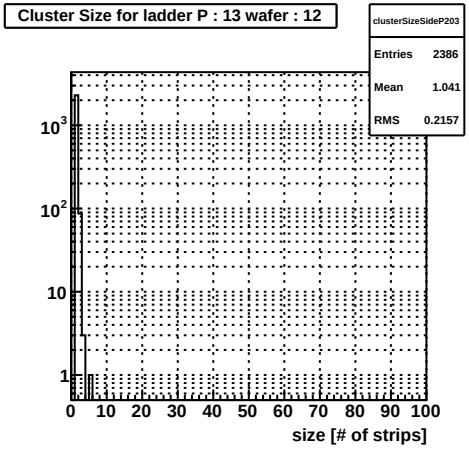

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2289
Mean 1.125
RMS 0.4412
size [# of strips]

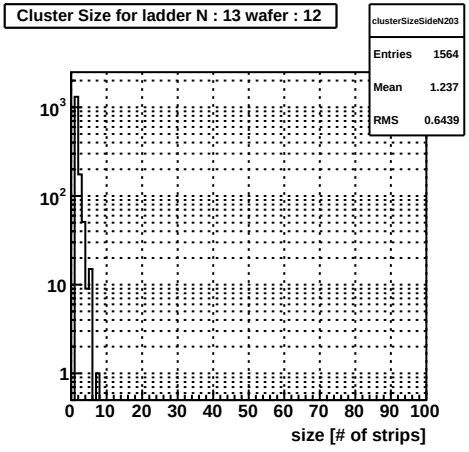

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2289
Mean 1.184
RMS 0.498
size [# of strips]

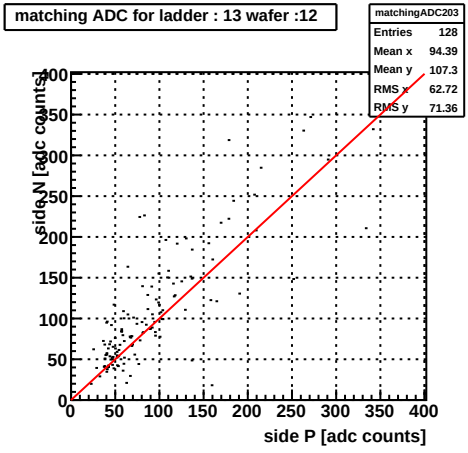

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 360
Mean x 90.01
Mean y 84.51
RMS x 71.64
RMS y 64.03
side N [adc counts]
side P [adc counts]

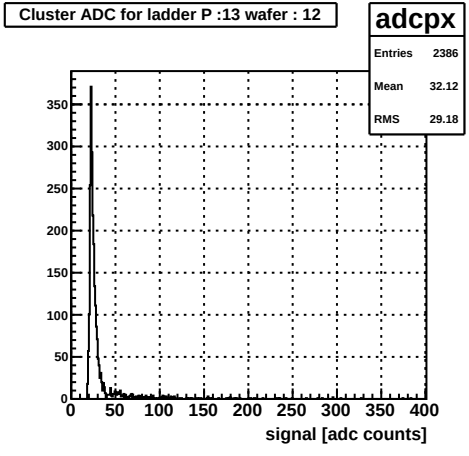

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2289
Mean 38.63
RMS 44.65
signal [adc counts]

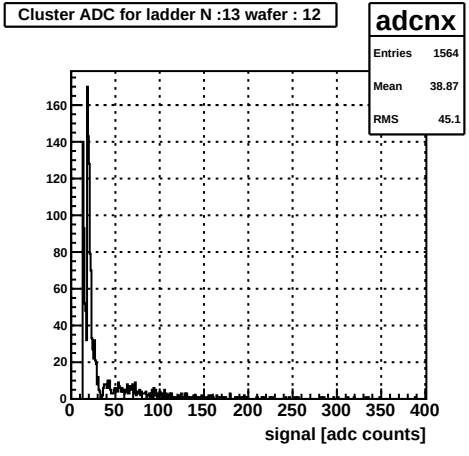

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2289
Mean 37.11
RMS 40.29
signal [adc counts]

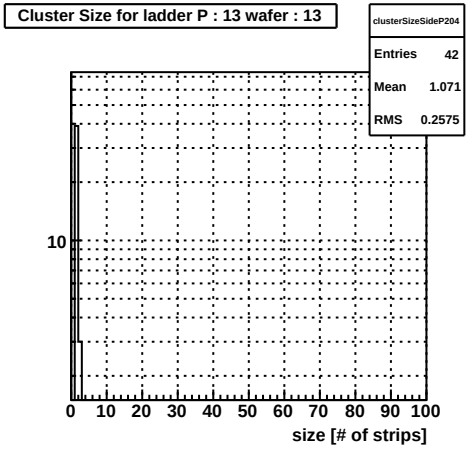

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2386
Mean 1.041
RMS 0.2157
size [# of strips]

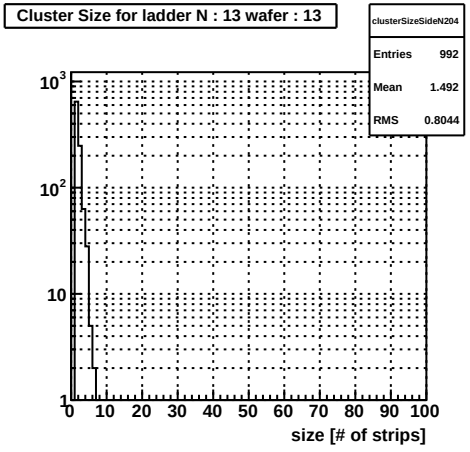

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1564
Mean 1.237
RMS 0.6439
size [# of strips]

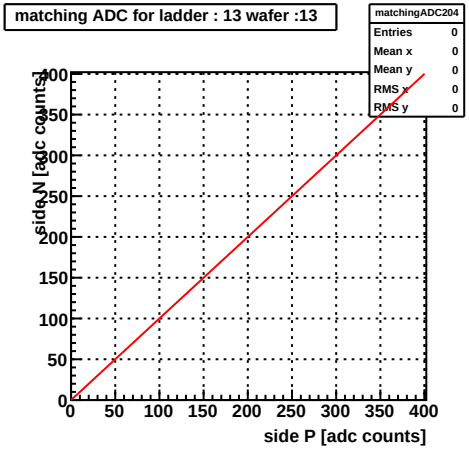

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 128
Mean x 94.39
Mean y 107.3
RMS x 62.72
RMS y 71.36
side N [adc counts]
side P [adc counts]

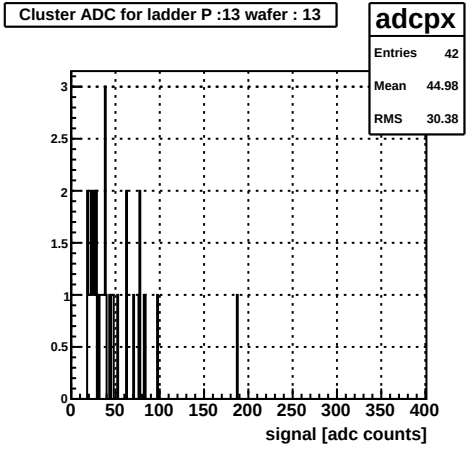

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2386
Mean 32.12
RMS 29.18
signal [adc counts]

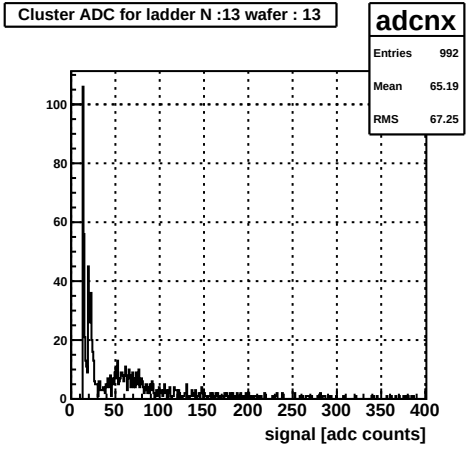

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1564
Mean 38.87
RMS 45.1
signal [adc counts]

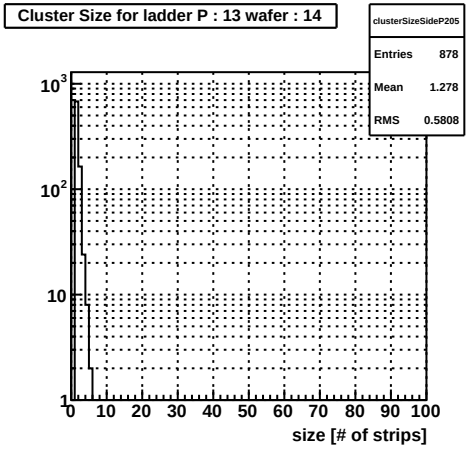

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 42
Mean 1.071
RMS 0.2575
size [# of strips]

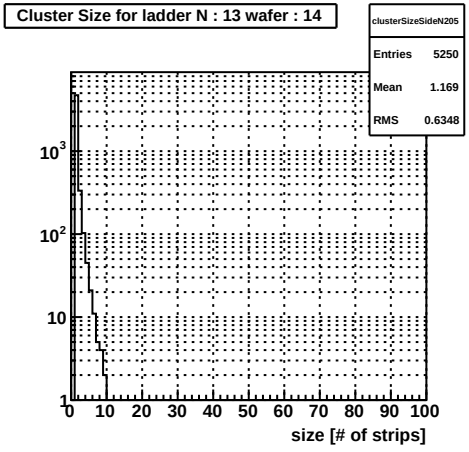

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 992
Mean 1.492
RMS 0.8044
size [# of strips]

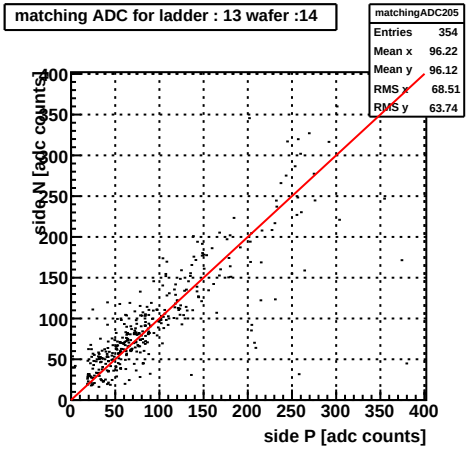

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

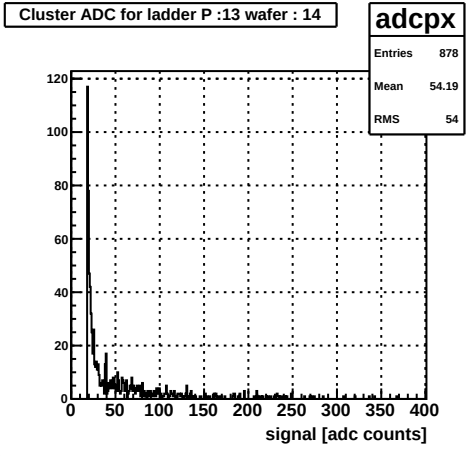

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 42
Mean 44.98
RMS 30.38
signal [adc counts]

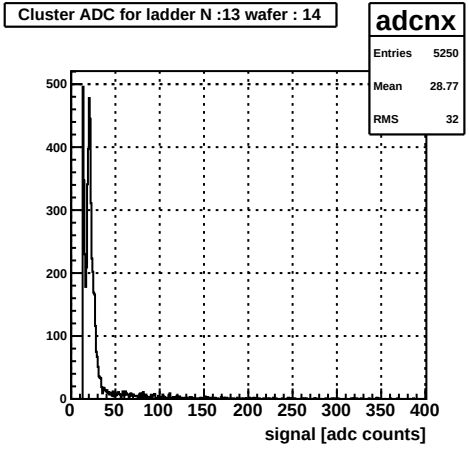

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 992
Mean 65.19
RMS 67.25
signal [adc counts]

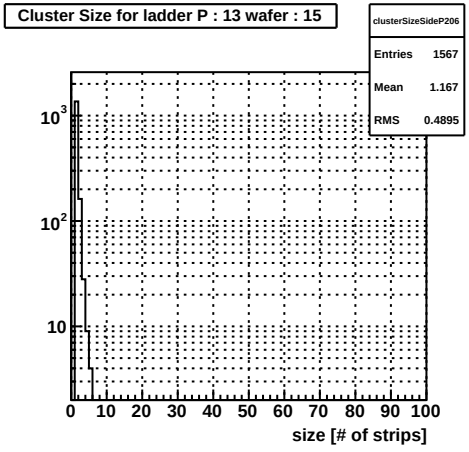

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 878
Mean 1.278
RMS 0.5808
size [# of strips]

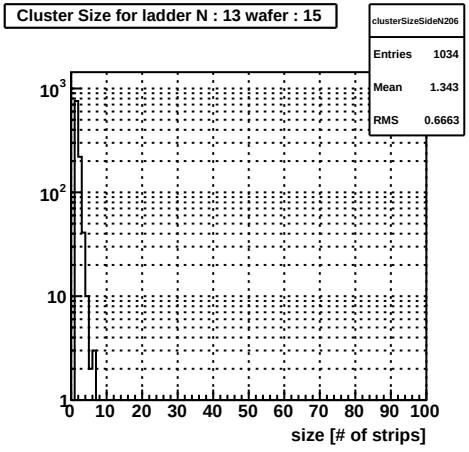

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5250
Mean 1.169
RMS 0.6348
size [# of strips]

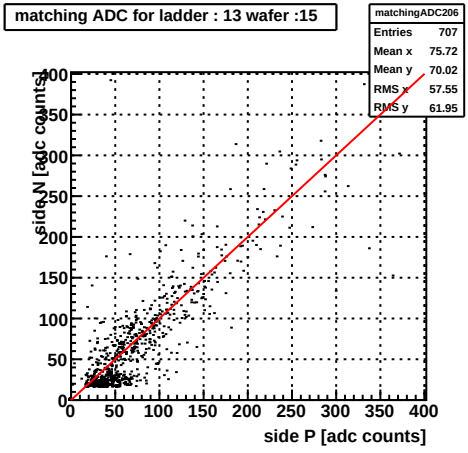

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 354
Mean x 96.22
Mean y 96.12
RMS x 68.51
RMS y 63.74
side N [adc counts]
side P [adc counts]

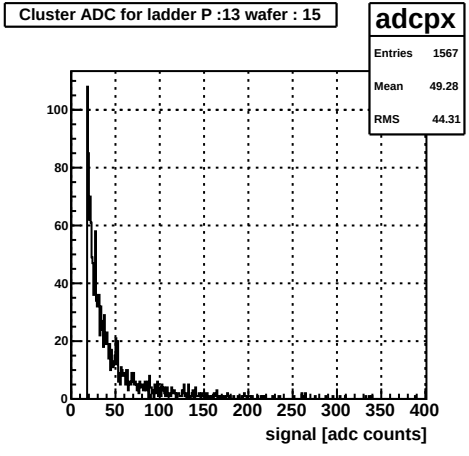

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 878
Mean 54.19
RMS 54
signal [adc counts]

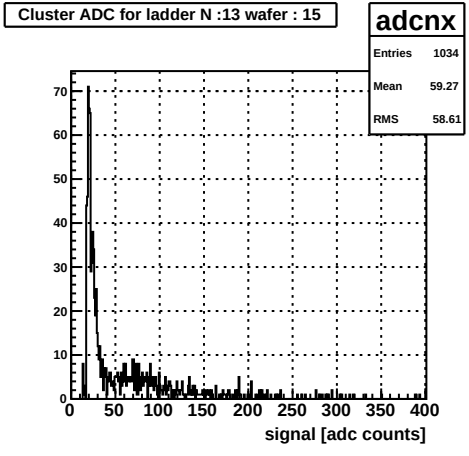

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5250
Mean 28.77
RMS 32
signal [adc counts]

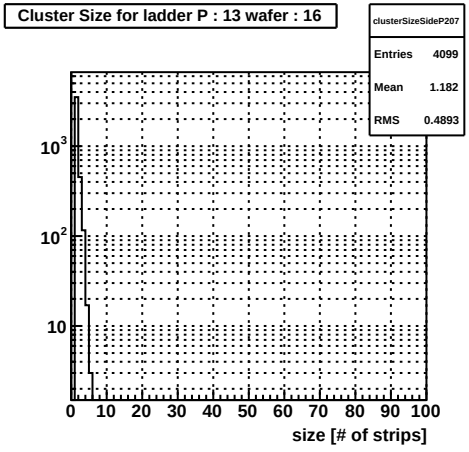

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1567
Mean 1.167
RMS 0.4895
size [# of strips]

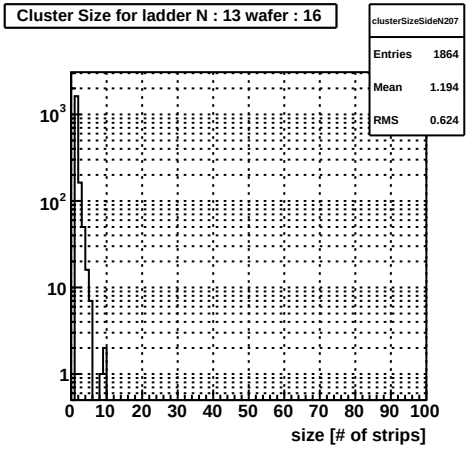

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1034
Mean 1.343
RMS 0.6663
size [# of strips]

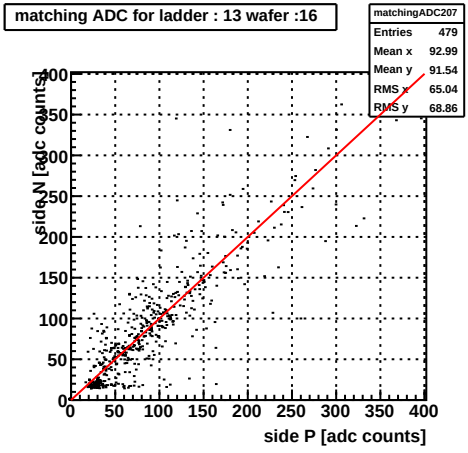

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 707
Mean x 75.72
Mean y 70.02
RMS x 57.55
RMS y 61.95
side N [adc counts]
side P [adc counts]

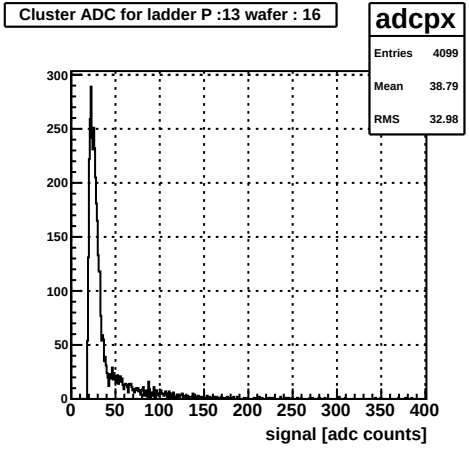

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1567
Mean 49.28
RMS 44.31
signal [adc counts]

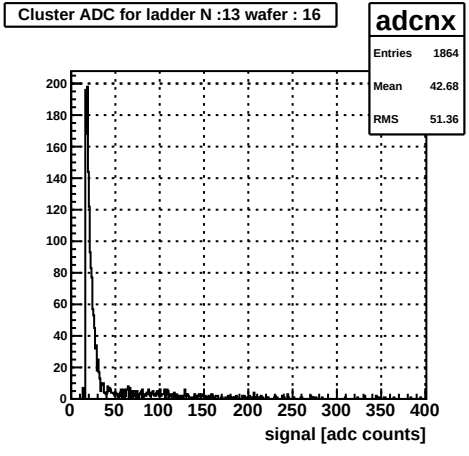

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1034
Mean 59.27
RMS 58.61
signal [adc counts]

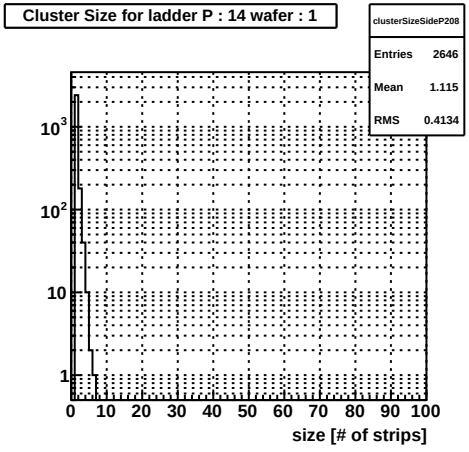

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4099
Mean 1.182
RMS 0.4893
size [# of strips]

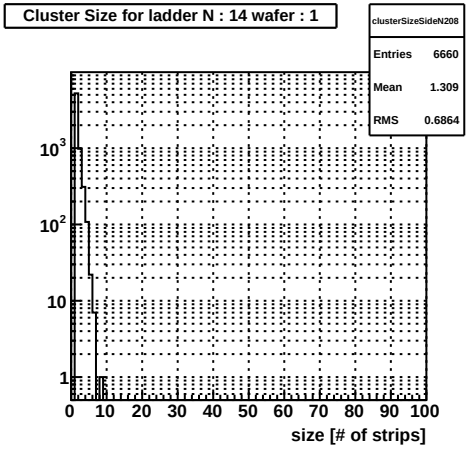

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1864
Mean 1.194
RMS 0.624
size [# of strips]

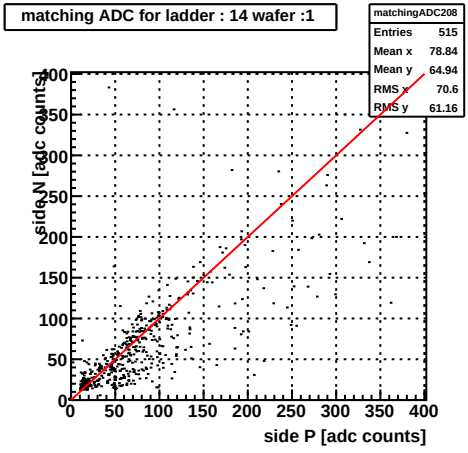

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 479
Mean x 92.99
Mean y 91.54
RMS x 65.04
RMS y 68.86
side N [adc counts]
side P [adc counts]

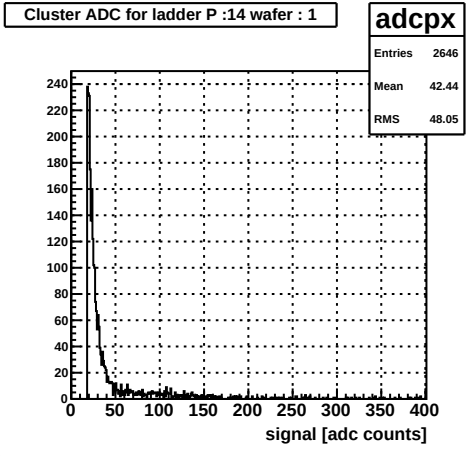

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4099
Mean 38.79
RMS 32.98
signal [adc counts]

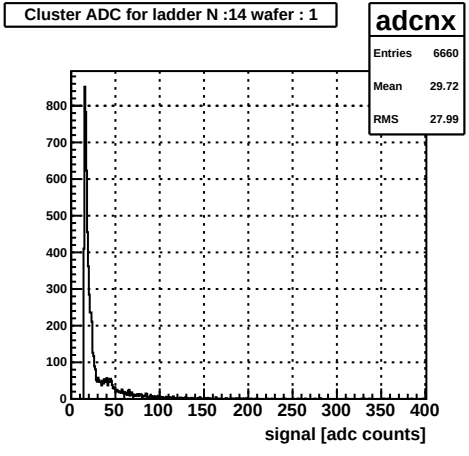

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1864
Mean 42.68
RMS 51.36
signal [adc counts]

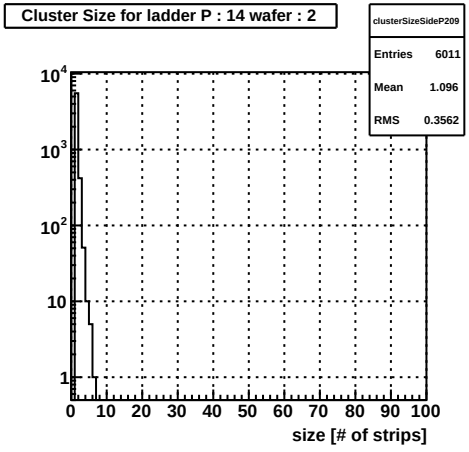

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2646
Mean 1.115
RMS 0.4134
size [# of strips]

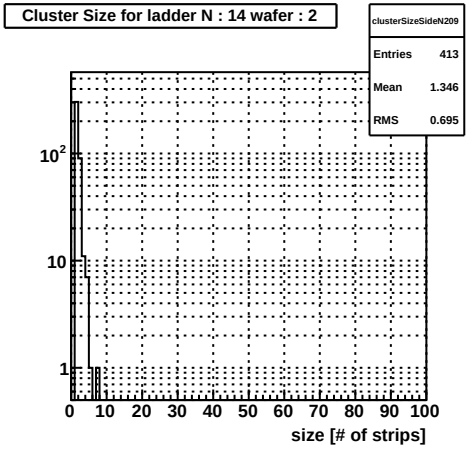

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6660
Mean 1.309
RMS 0.6864
size [# of strips]

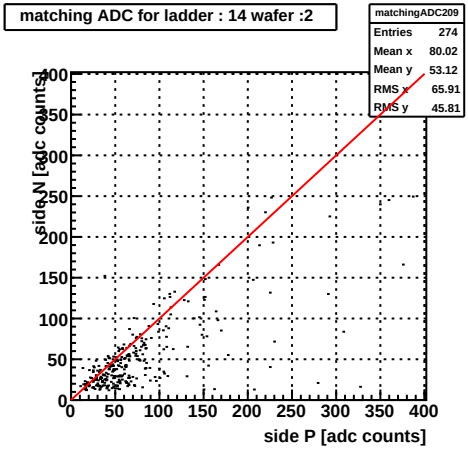

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 515
Mean x 78.84
Mean y 64.94
RMS x 70.6
RMS y 61.16
side N [adc counts]
side P [adc counts]

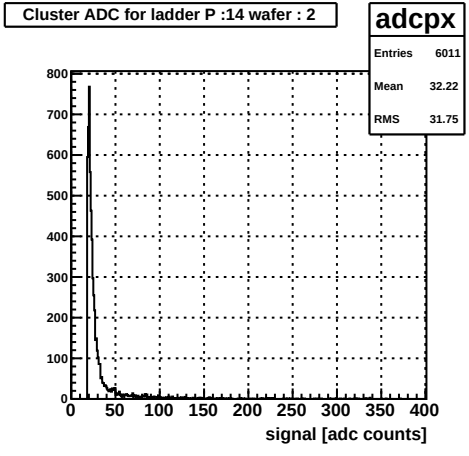

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2646
Mean 42.44
RMS 48.05
signal [adc counts]

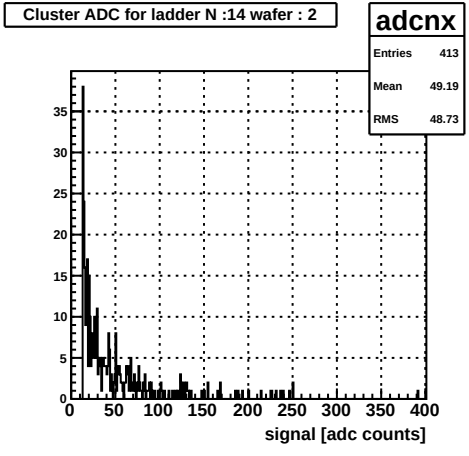

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6660
Mean 29.72
RMS 27.99
signal [adc counts]

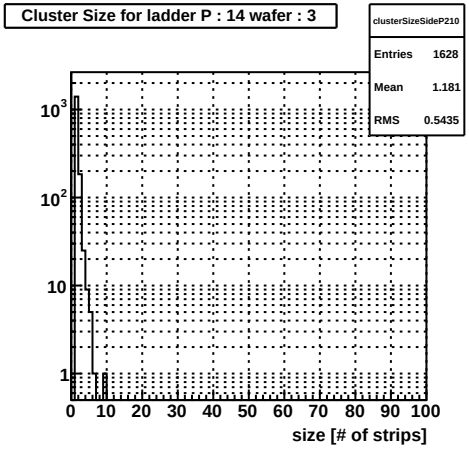

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6011
Mean 1.096
RMS 0.3562
size [# of strips]

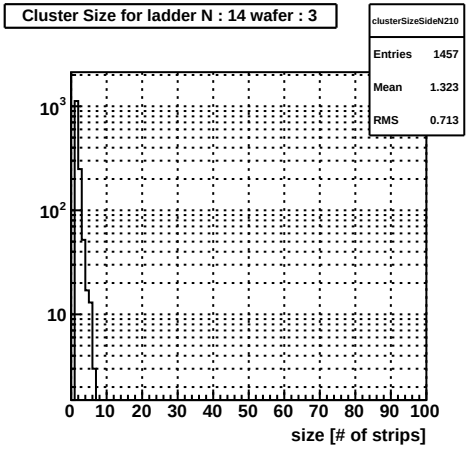

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 413
Mean 1.346
RMS 0.695
size [# of strips]

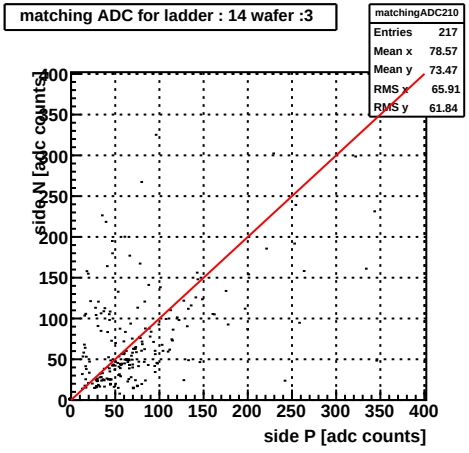

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 274
Mean x 80.02
Mean y 53.12
RMS x 65.91
RMS y 45.81
side N [adc counts]
side P [adc counts]

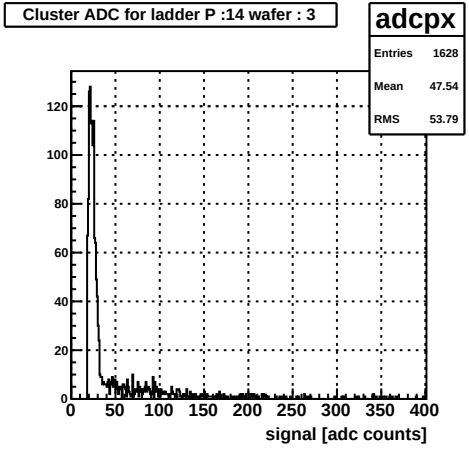

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6011
Mean 32.22
RMS 31.75
signal [adc counts]

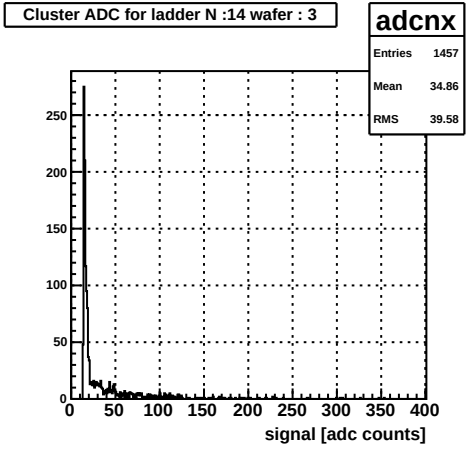

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 413
Mean 49.19
RMS 48.73
signal [adc counts]

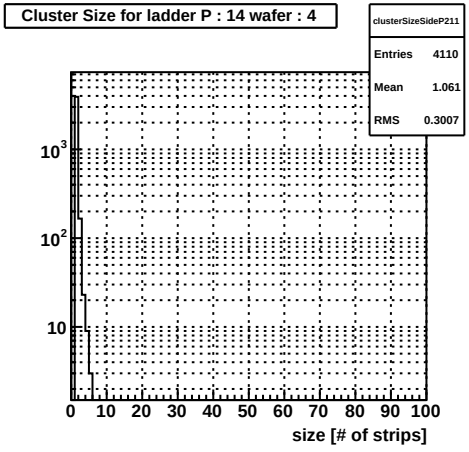

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1628
Mean 1.181
RMS 0.5435
size [# of strips]

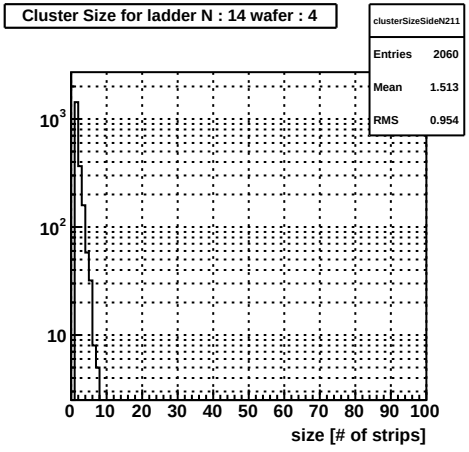

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1457
Mean 1.323
RMS 0.713
size [# of strips]

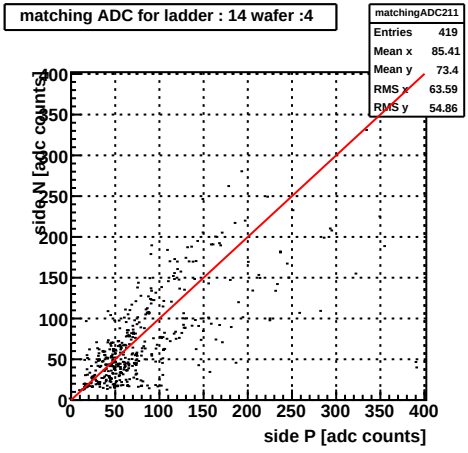

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 217
Mean x 78.57
Mean y 73.47
RMS x 65.91
RMS y 61.84
side N [adc counts]
side P [adc counts]

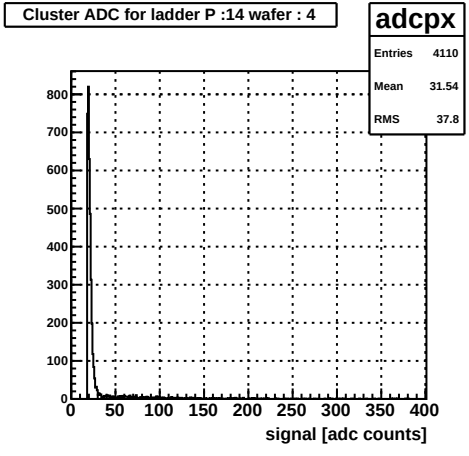

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1628
Mean 47.54
RMS 53.79
signal [adc counts]

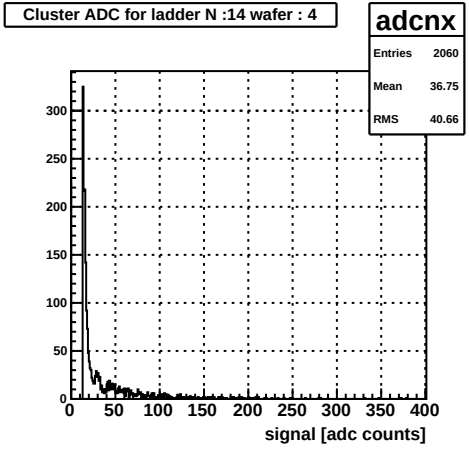

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1457
Mean 34.86
RMS 39.58
signal [adc counts]

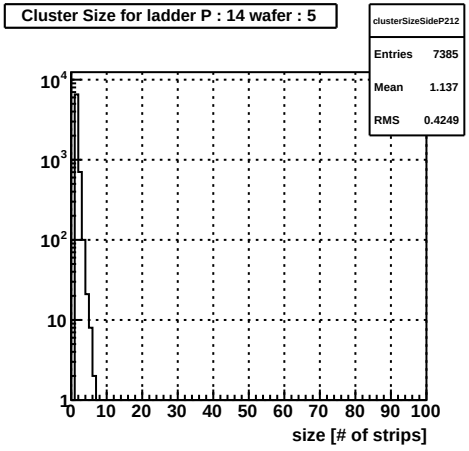

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4110
Mean 1.061
RMS 0.3007
size [# of strips]

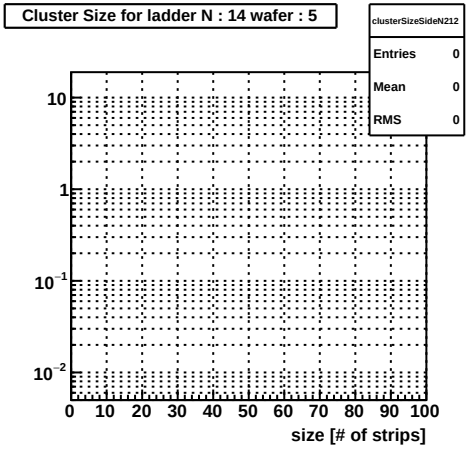

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2060
Mean 1.513
RMS 0.954
size [# of strips]

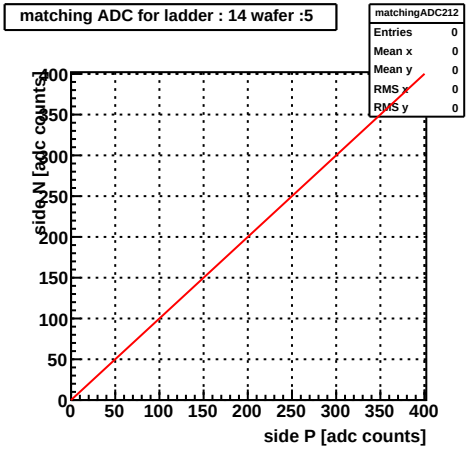

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 419
Mean x 85.41
Mean y 73.4
RMS x 63.59
RMS y 54.86
side N [adc counts]
side P [adc counts]

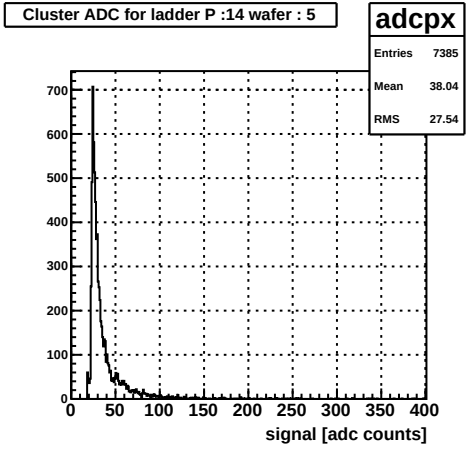

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4110
Mean 31.54
RMS 37.8
signal [adc counts]

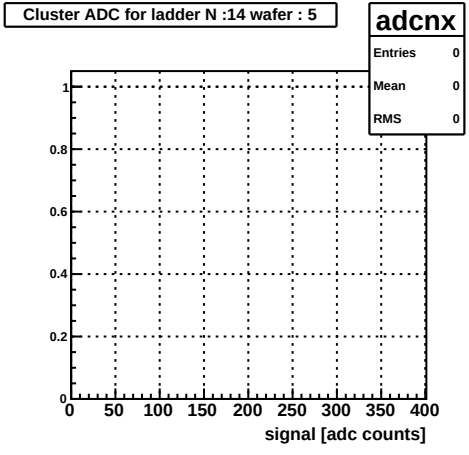

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2060
Mean 36.75
RMS 40.66
signal [adc counts]

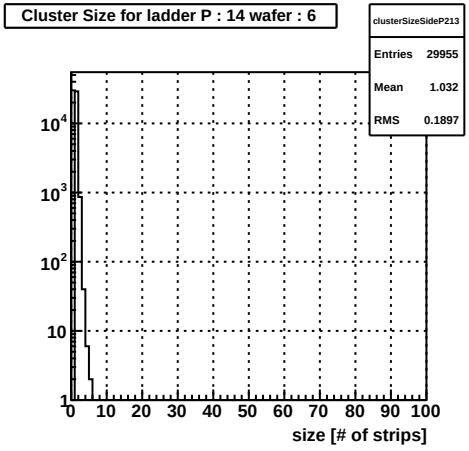

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7385
Mean 1.137
RMS 0.4249
size [# of strips]

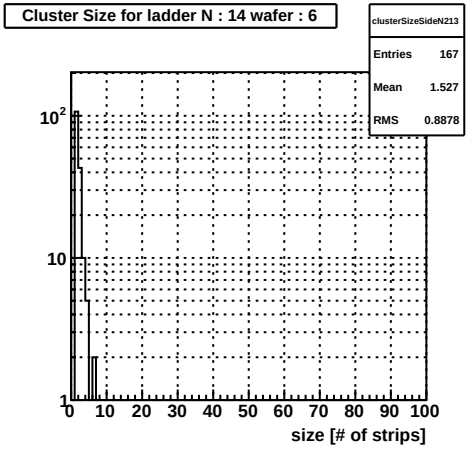

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

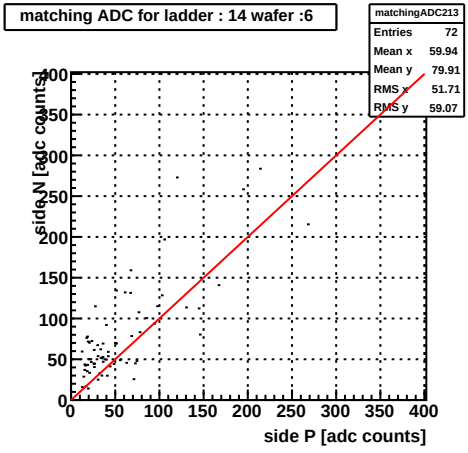

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

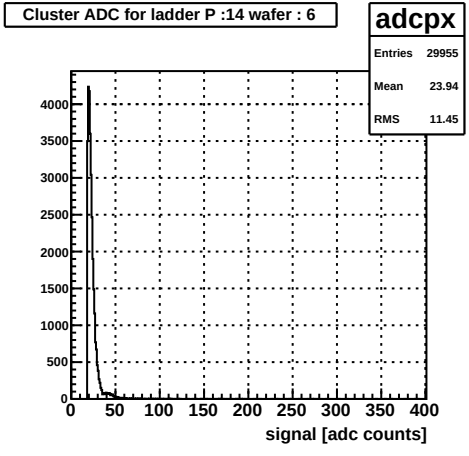

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7385
Mean 38.04
RMS 27.54
signal [adc counts]

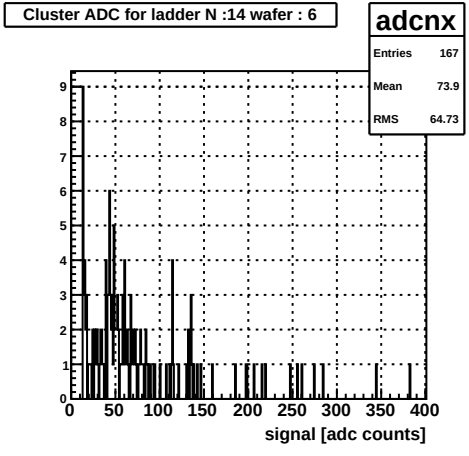

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

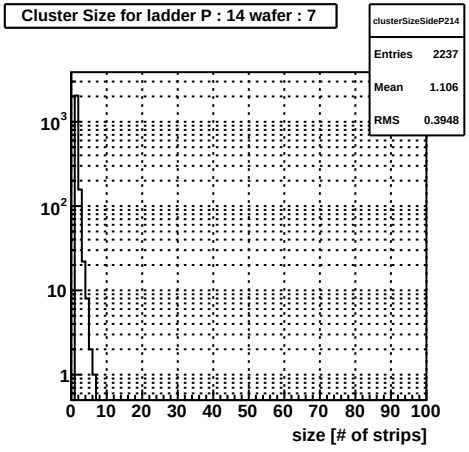

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 29955
Mean 1.032
RMS 0.1897
size [# of strips]

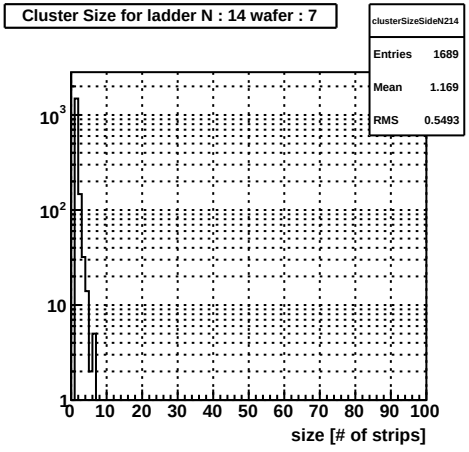

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 167
Mean 1.527
RMS 0.8878
size [# of strips]

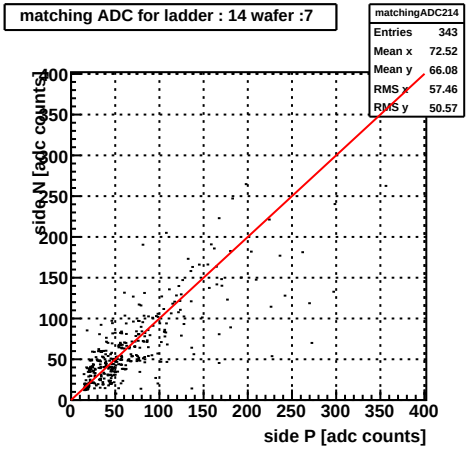

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 72
Mean x 59.94
Mean y 79.91
RMS x 51.71
RMS y 59.07
side N [adc counts]
side P [adc counts]

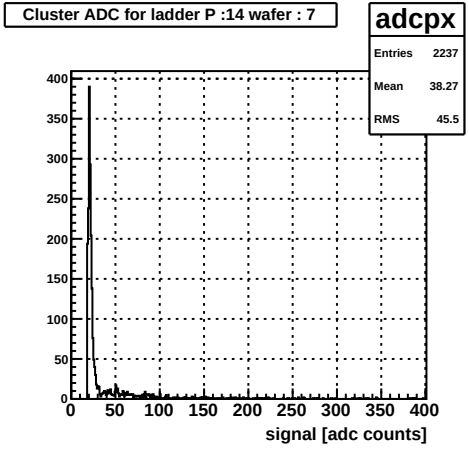

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 29955
Mean 23.94
RMS 11.45
signal [adc counts]

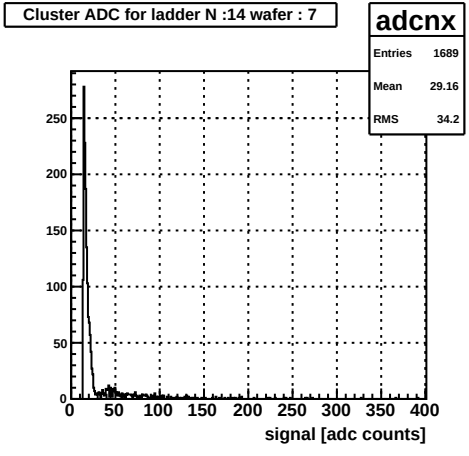

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 167
Mean 73.9
RMS 64.73
signal [adc counts]

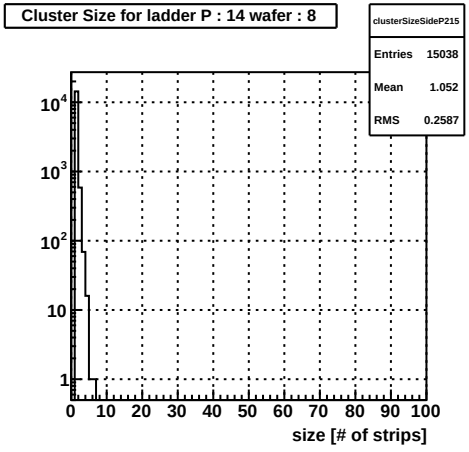

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2237
Mean 1.106
RMS 0.3948
size [# of strips]

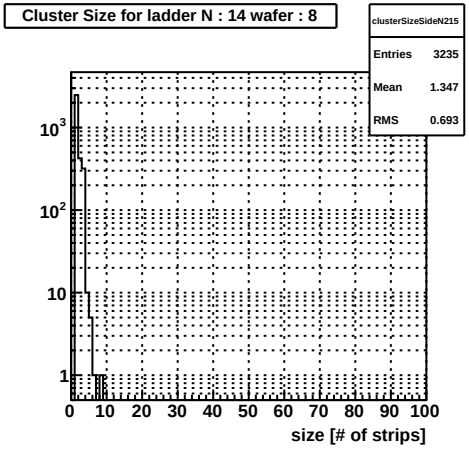

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1689
Mean 1.169
RMS 0.5493
size [# of strips]

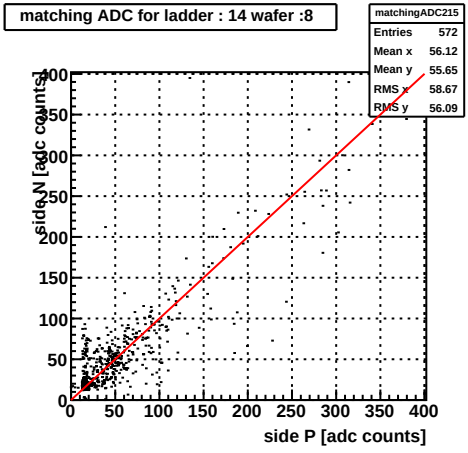

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 343
Mean x 72.52
Mean y 66.08
RMS x 57.46
RMS y 50.57
side N [adc counts]
side P [adc counts]

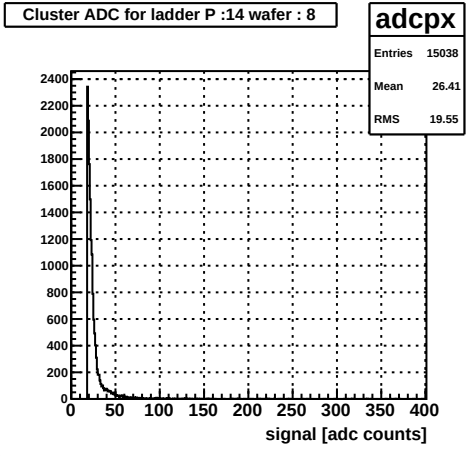

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2237
Mean 38.27
RMS 45.5
signal [adc counts]

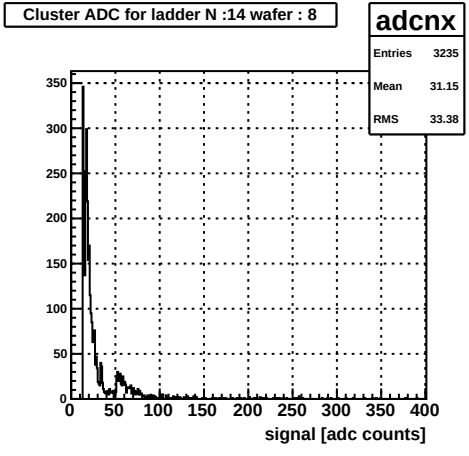

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1689
Mean 29.16
RMS 34.2
signal [adc counts]

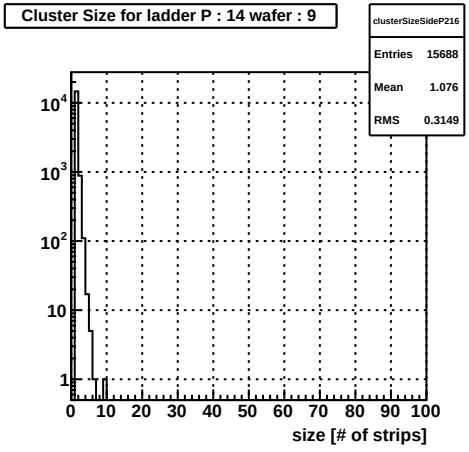

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 15038
Mean 1.052
RMS 0.2587
size [# of strips]

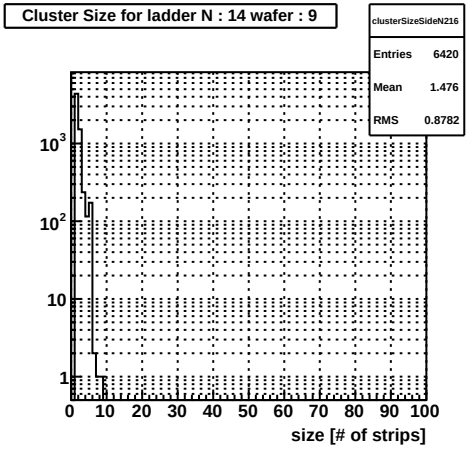

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3235
Mean 1.347
RMS 0.693
size [# of strips]

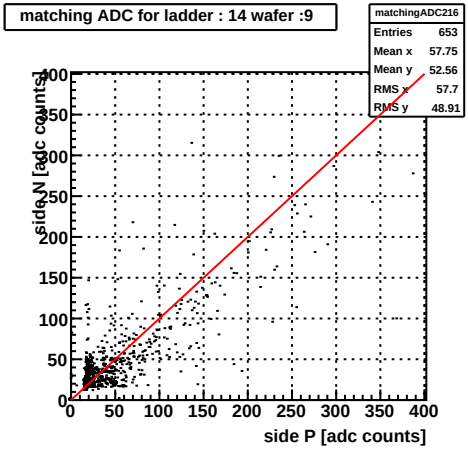

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 572
Mean x 56.12
Mean y 55.65
RMS x 58.67
RMS y 56.09
side N [adc counts]
side P [adc counts]

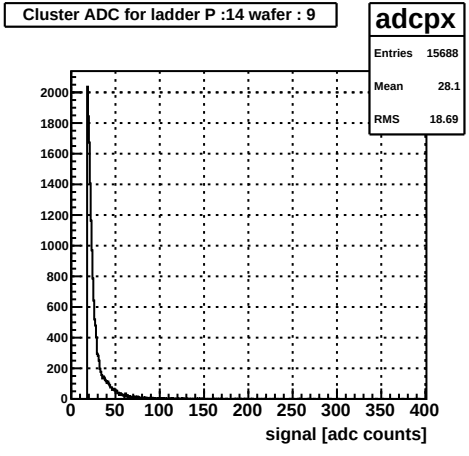

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 15038
Mean 26.41
RMS 19.55
signal [adc counts]

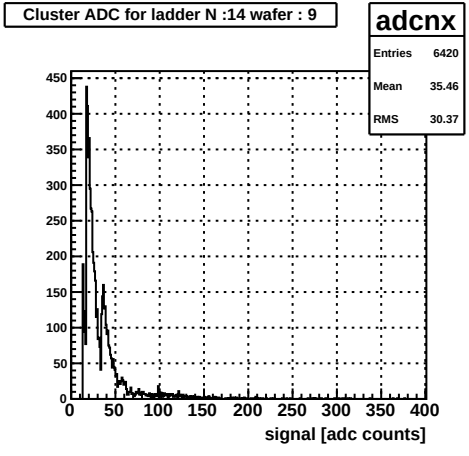

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3235
Mean 31.15
RMS 33.38
signal [adc counts]

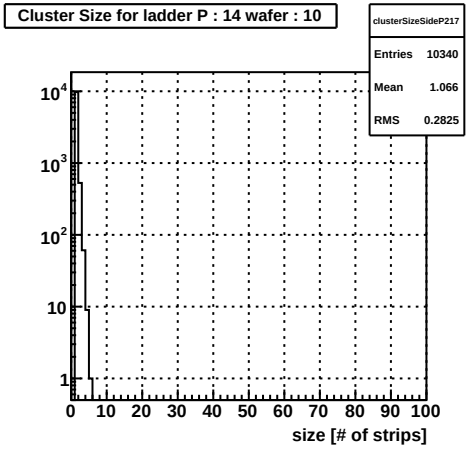

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 15688
Mean 1.076
RMS 0.3149
size [# of strips]

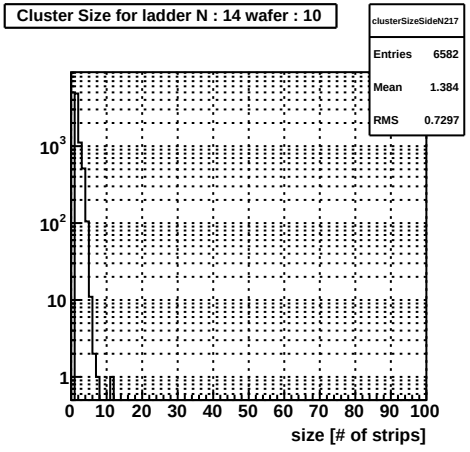

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6420
Mean 1.476
RMS 0.8782
size [# of strips]

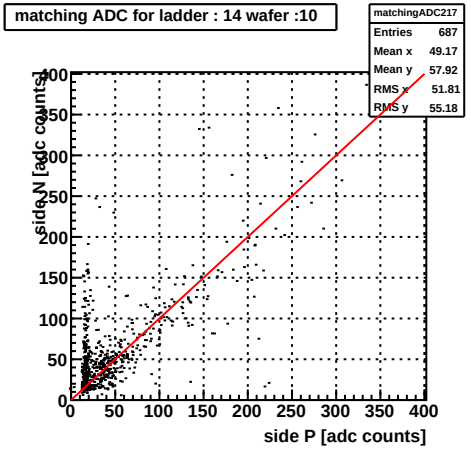

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 653
Mean x 57.75
Mean y 52.56
RMS x 57.7
RMS y 48.91
side N [adc counts]
side P [adc counts]

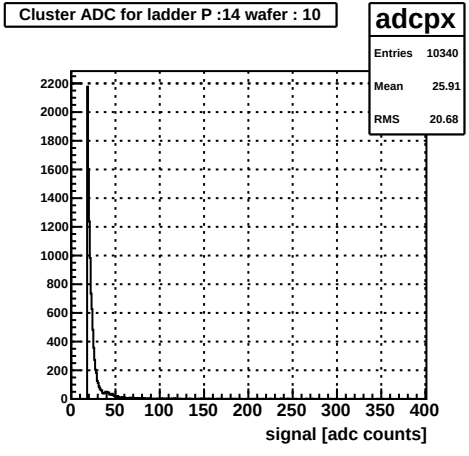

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 15688
Mean 28.1
RMS 18.69
signal [adc counts]

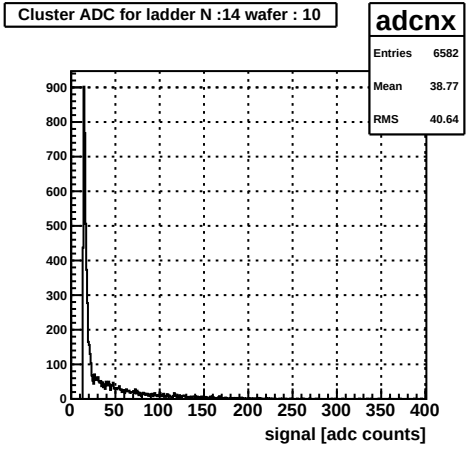

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6420
Mean 35.46
RMS 30.37
signal [adc counts]

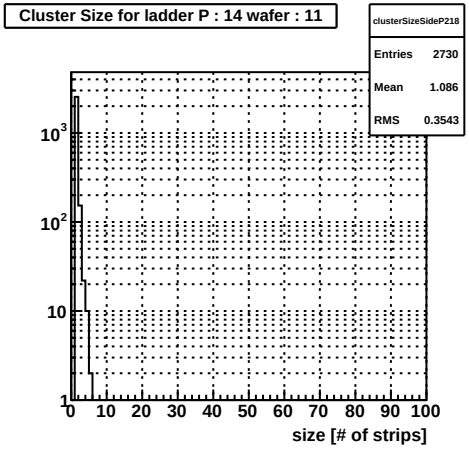

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10340
Mean 1.066
RMS 0.2825
size [# of strips]

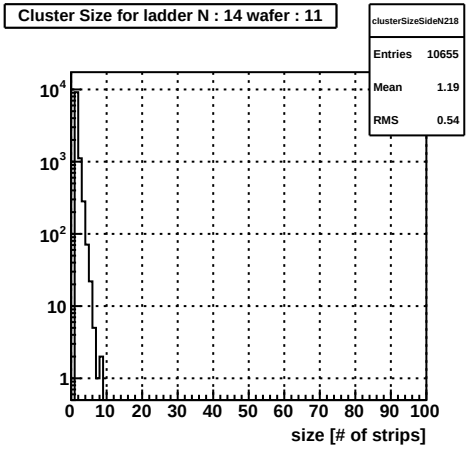

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 6582
Mean 1.384
RMS 0.7297
size [# of strips]

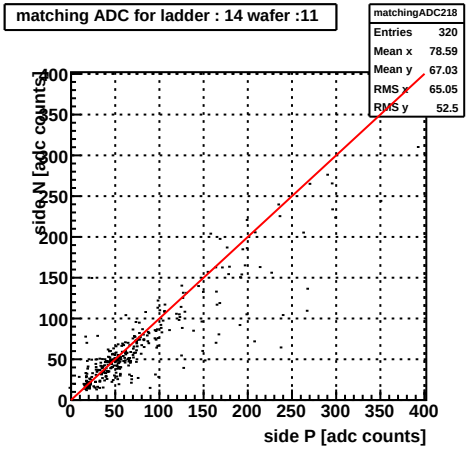

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 687
Mean x 49.17
Mean y 57.92
RMS x 51.81
RMS y 55.18
side N [adc counts]
side P [adc counts]

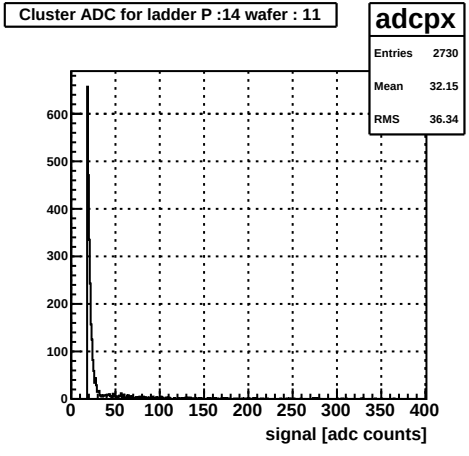

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10340
Mean 25.91
RMS 20.68
signal [adc counts]

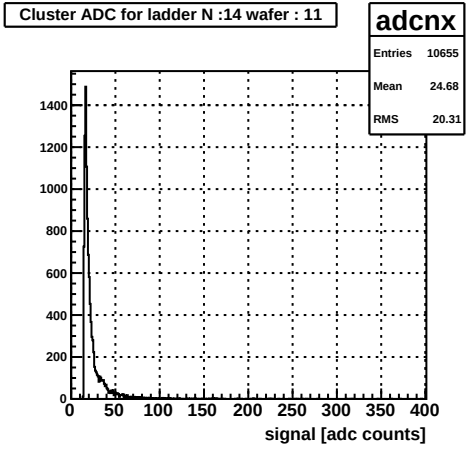

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 6582
Mean 38.77
RMS 40.64
signal [adc counts]

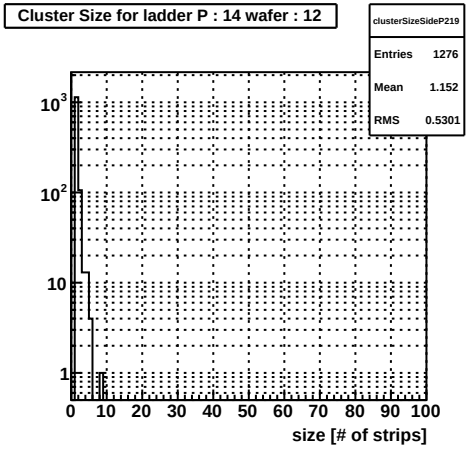

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2730
Mean 1.086
RMS 0.3543
size [# of strips]

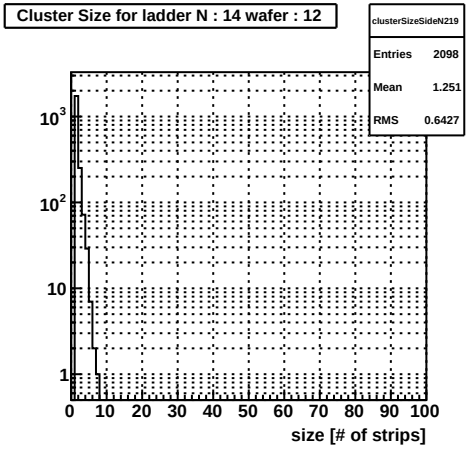

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10655
Mean 1.19
RMS 0.54
size [# of strips]

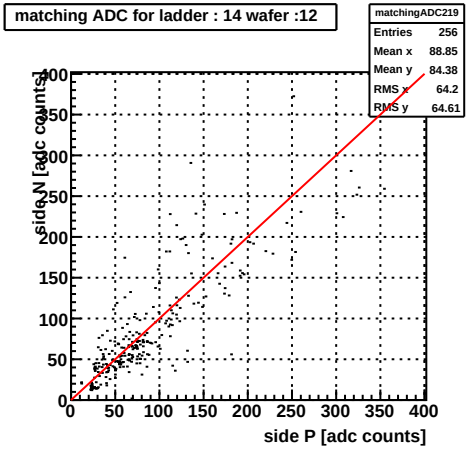

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 320
Mean x 78.59
Mean y 67.03
RMS x 65.05
RMS y 52.5
side N [adc counts]
side P [adc counts]

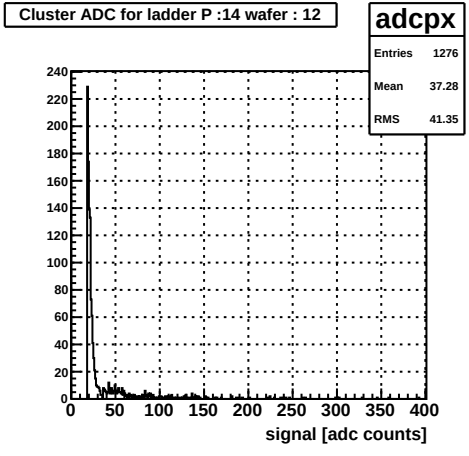

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2730
Mean 32.15
RMS 36.34
signal [adc counts]

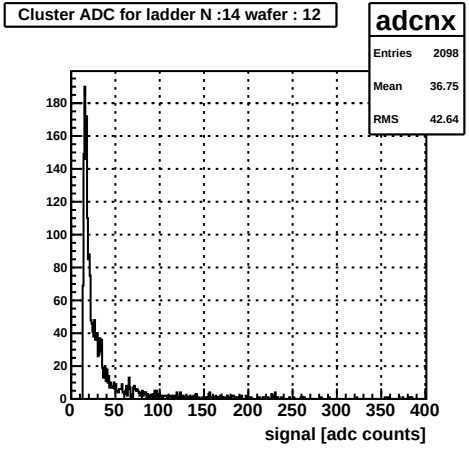

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10655
Mean 24.68
RMS 20.31
signal [adc counts]

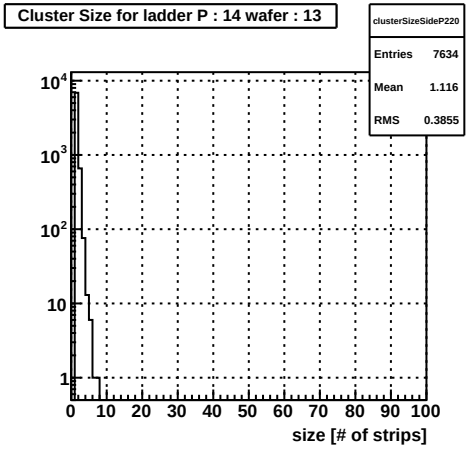

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1276
Mean 1.152
RMS 0.5301
size [# of strips]

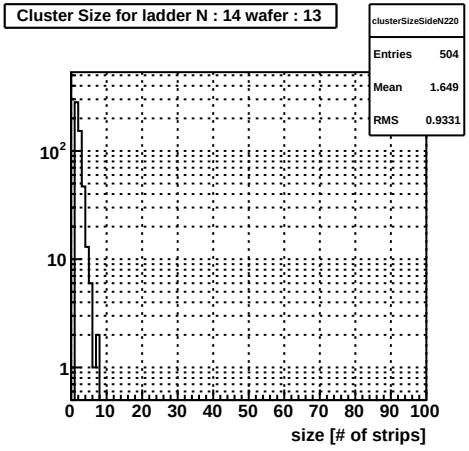

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2098
Mean 1.251
RMS 0.6427
size [# of strips]

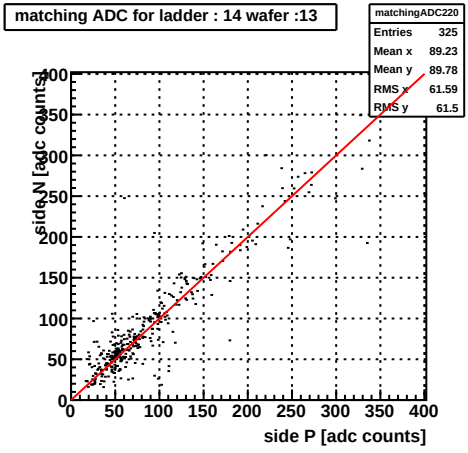

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 256
Mean x 88.85
Mean y 84.38
RMS x 64.2
RMS y 64.61
side N [adc counts]
side P [adc counts]

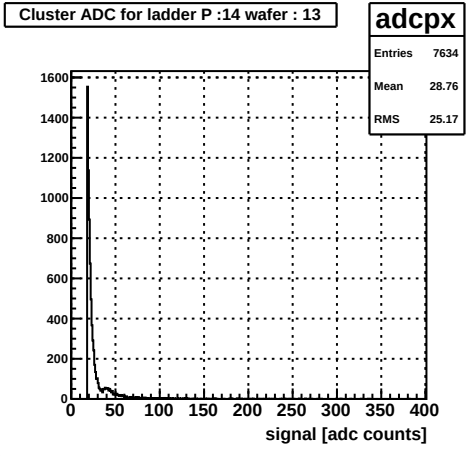

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1276
Mean 37.28
RMS 41.35
signal [adc counts]

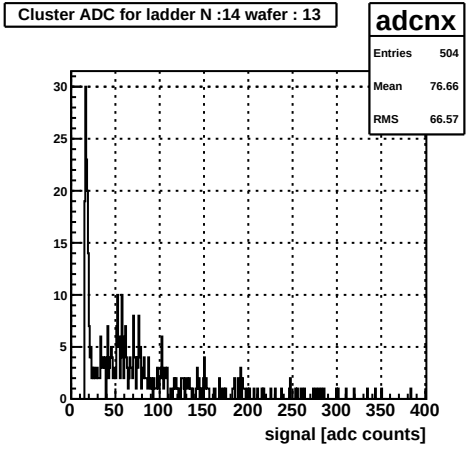

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2098
Mean 36.75
RMS 42.64
signal [adc counts]

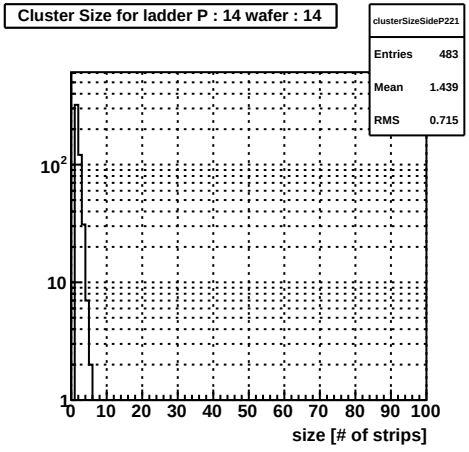

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7634
Mean 1.116
RMS 0.3855
size [# of strips]

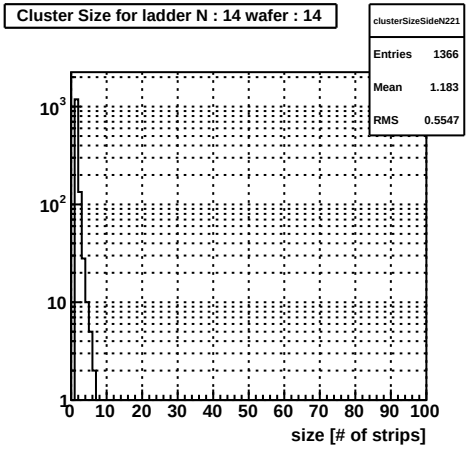

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 504
Mean 1.649
RMS 0.9331
size [# of strips]

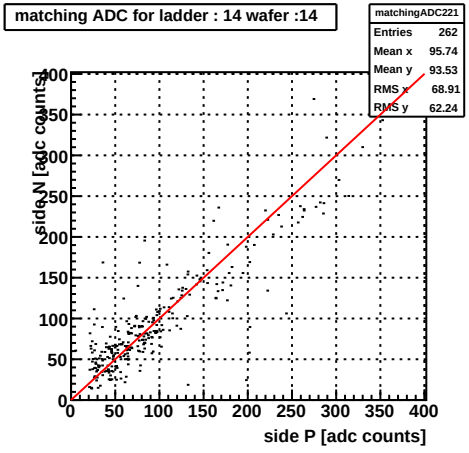

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 325
Mean x 89.23
Mean y 89.78
RMS x 61.59
RMS y 61.5
side N [adc counts]
side P [adc counts]

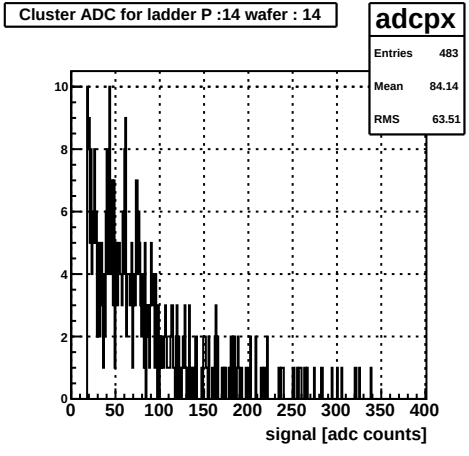

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7634
Mean 28.76
RMS 25.17
signal [adc counts]

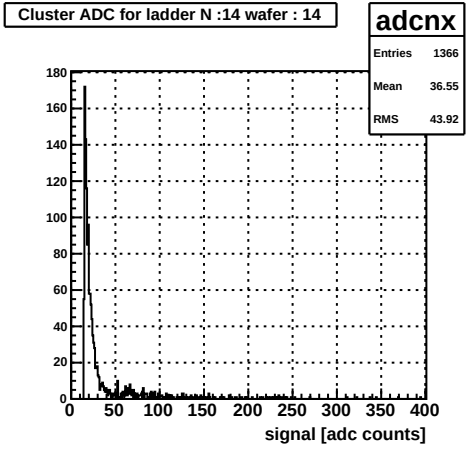

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 504
Mean 76.66
RMS 66.57
signal [adc counts]

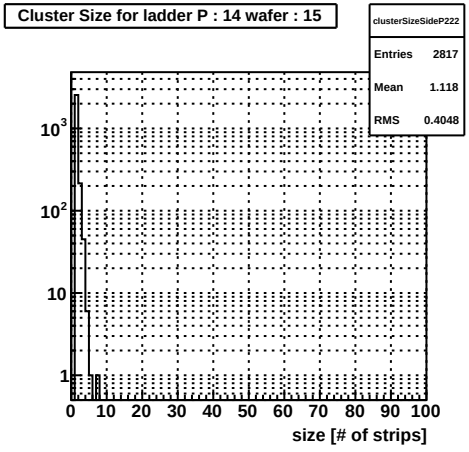

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 483
Mean 1.439
RMS 0.715
size [# of strips]

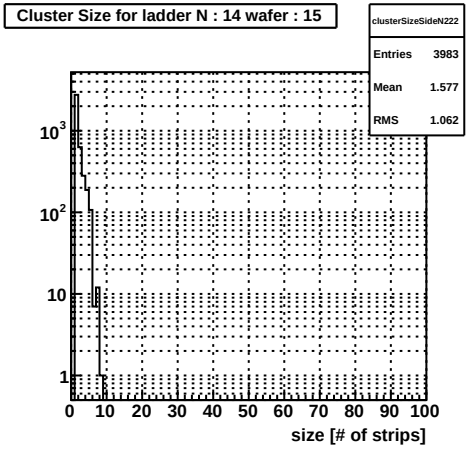

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1366
Mean 1.183
RMS 0.5547
size [# of strips]

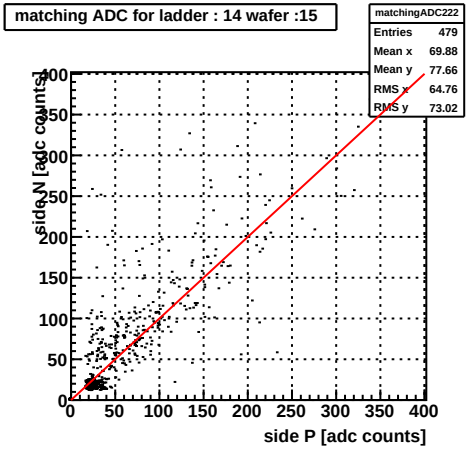

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 262
Mean x 95.74
Mean y 93.53
RMS x 68.91
RMS y 62.24
side N [adc counts]
side P [adc counts]

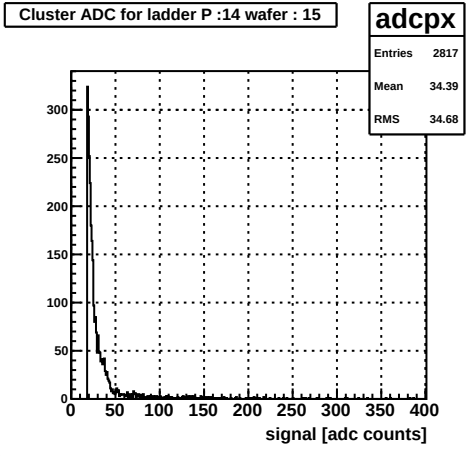

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 483
Mean 84.14
RMS 63.51
signal [adc counts]

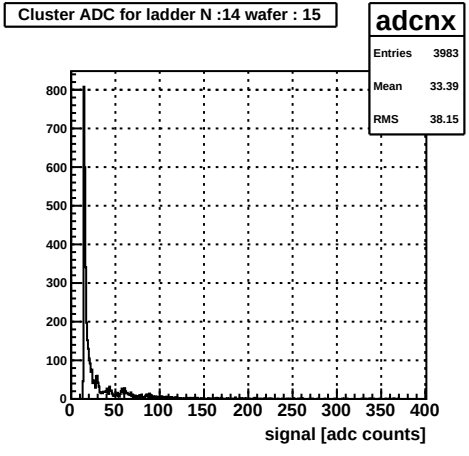

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1366
Mean 36.55
RMS 43.92
signal [adc counts]

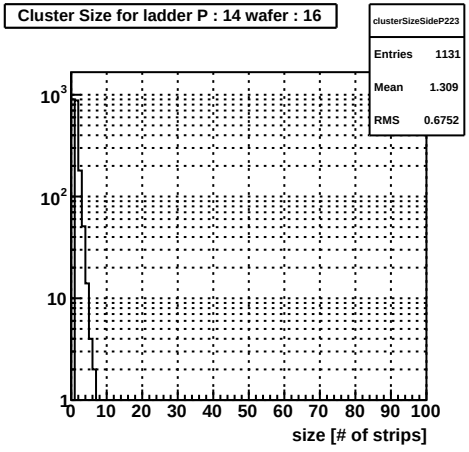

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2817
Mean 1.118
RMS 0.4048
size [# of strips]

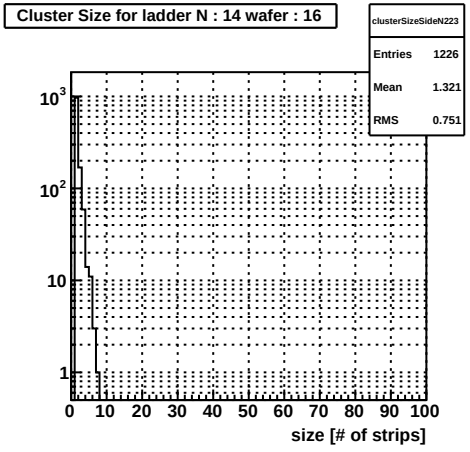

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 3983
Mean 1.577
RMS 1.062
size [# of strips]

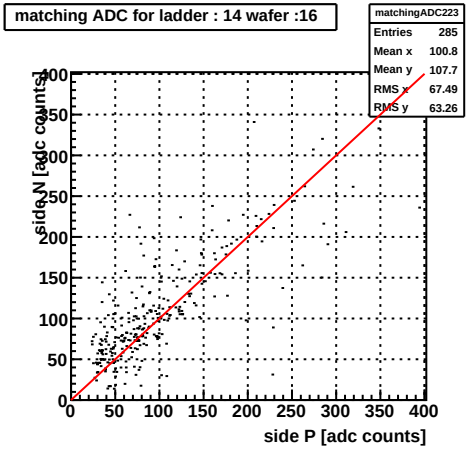

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 479
Mean x 69.88
Mean y 77.66
RMS x 64.76
RMS y 73.02
side N [adc counts]
side P [adc counts]

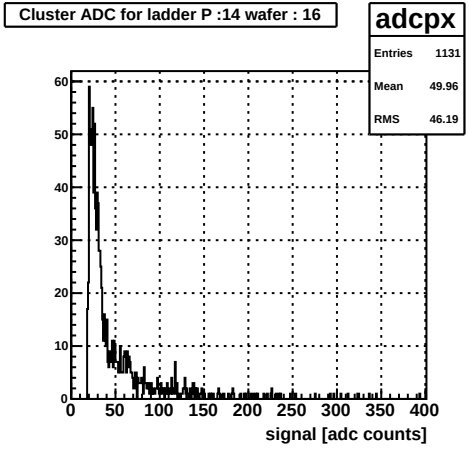

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2817
Mean 34.39
RMS 34.68
signal [adc counts]

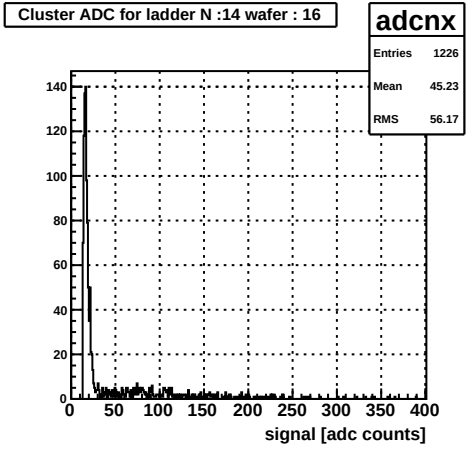

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 3983
Mean 33.39
RMS 38.15
signal [adc counts]

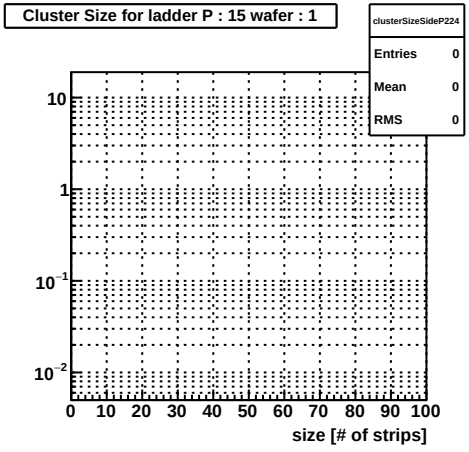

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1131
Mean 1.309
RMS 0.6752
size [# of strips]

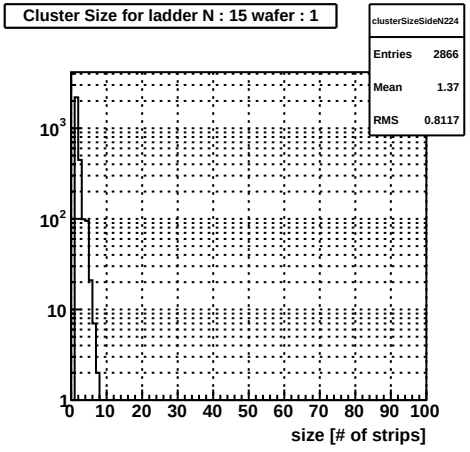

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1226
Mean 1.321
RMS 0.751
size [# of strips]

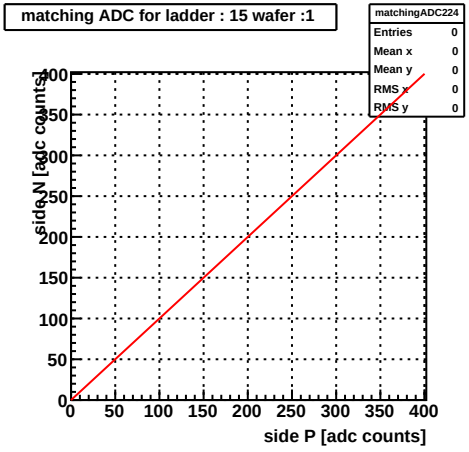

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 285
Mean x 100.8
Mean y 107.7
RMS x 67.49
RMS y 63.26
side N [adc counts]
side P [adc counts]

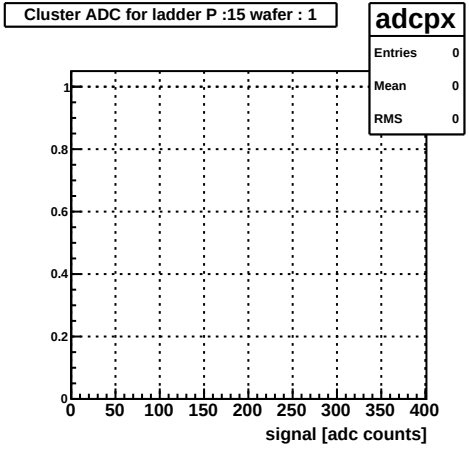

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1131
Mean 49.96
RMS 46.19
signal [adc counts]

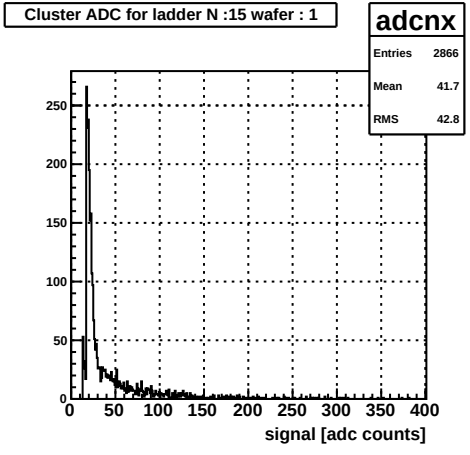

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1226
Mean 45.23
RMS 56.17
signal [adc counts]

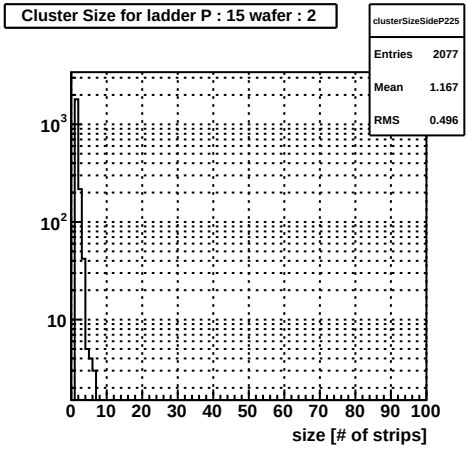

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

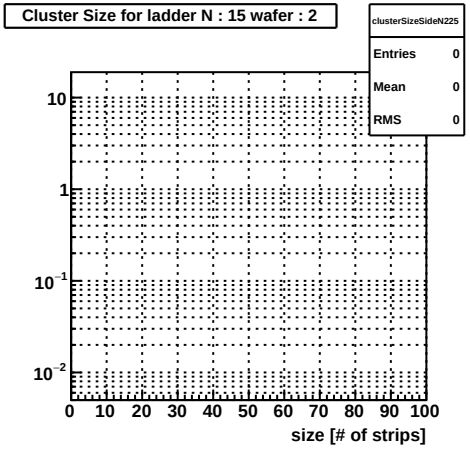

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2866
Mean 1.37
RMS 0.8117
size [# of strips]

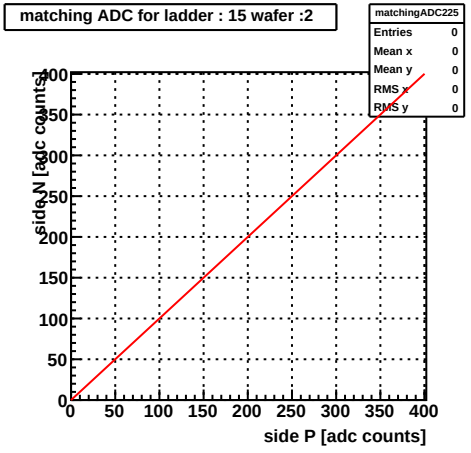

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

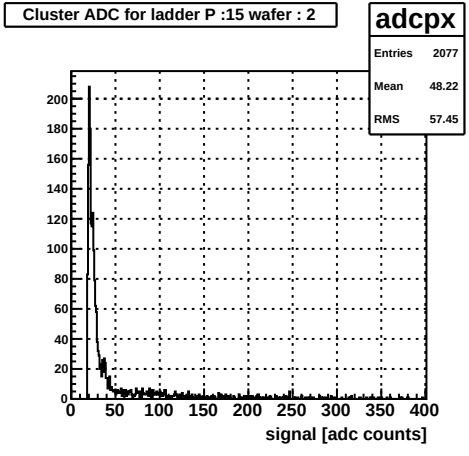

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

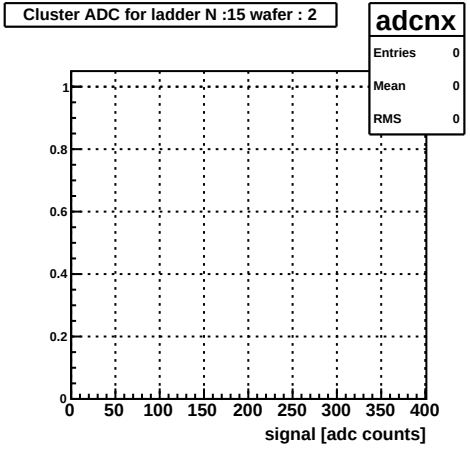

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2866
Mean 41.7
RMS 42.8
signal [adc counts]

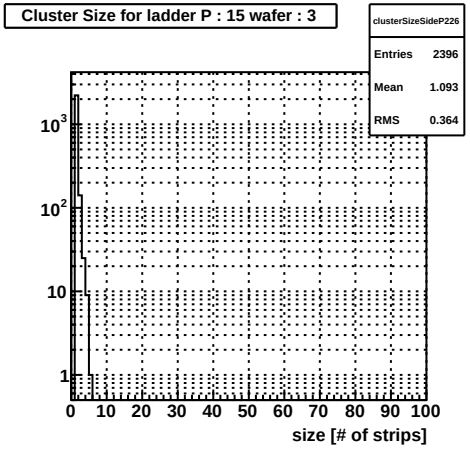

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2077
Mean 1.167
RMS 0.496
size [# of strips]

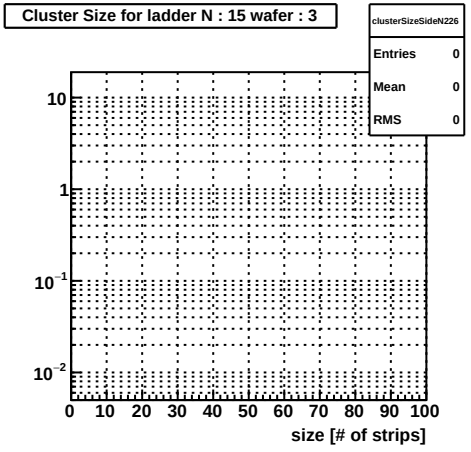

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

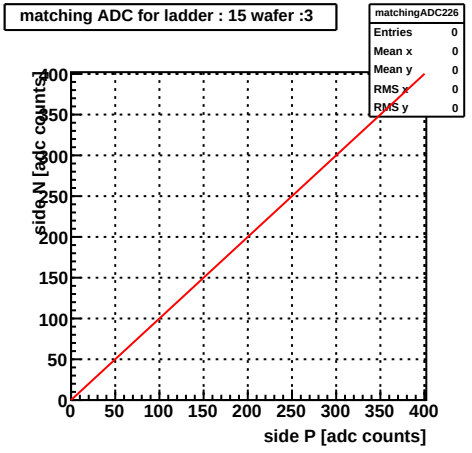

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

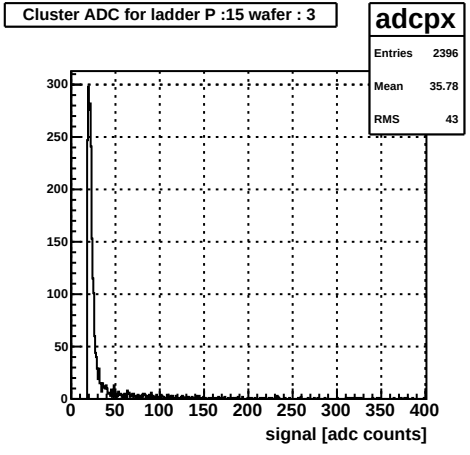

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2077
Mean 48.22
RMS 57.45
signal [adc counts]

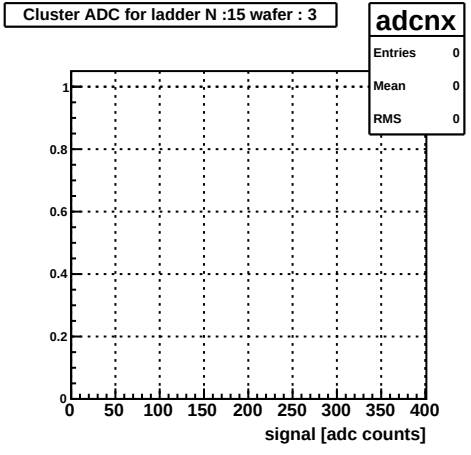

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

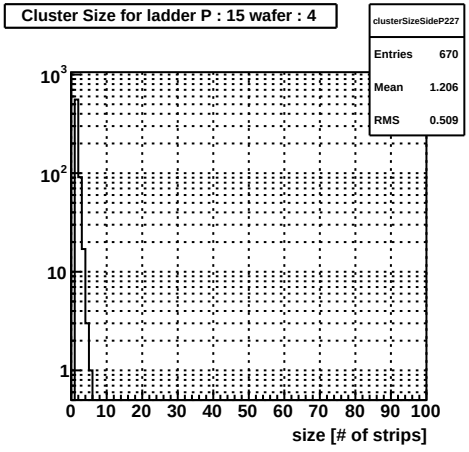

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2396
Mean 1.093
RMS 0.364
size [# of strips]

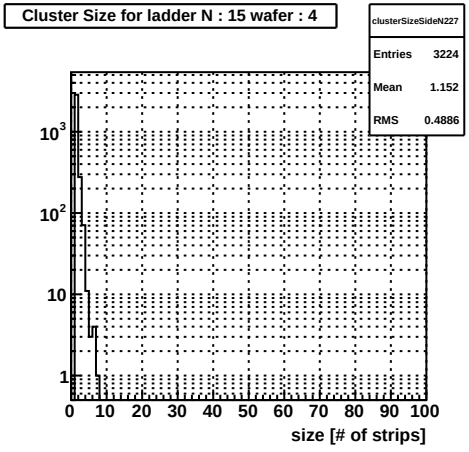

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

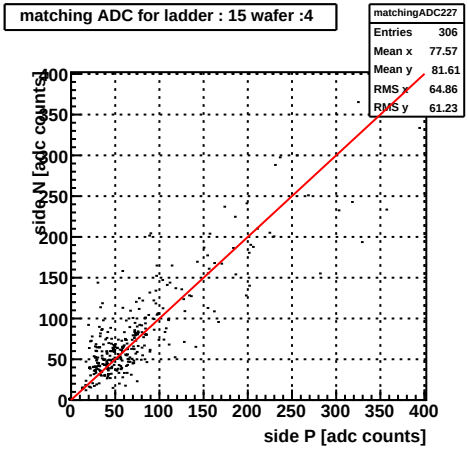

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

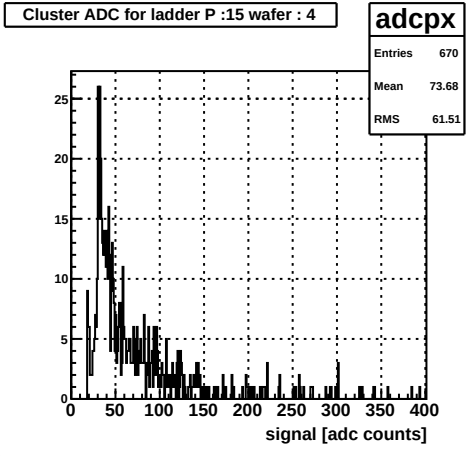

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2396
Mean 35.78
RMS 43
signal [adc counts]

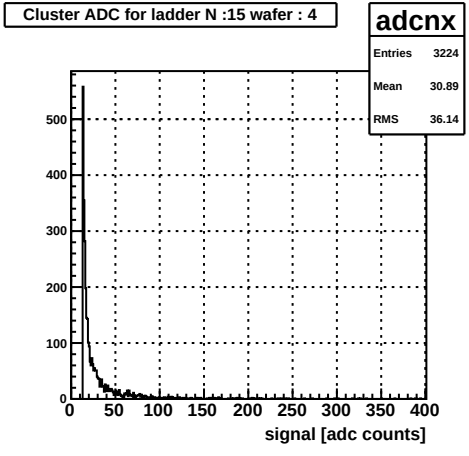

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

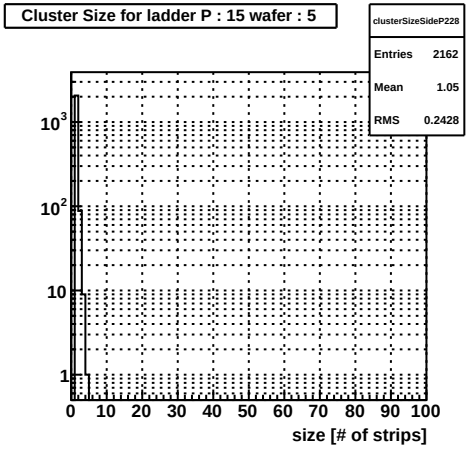

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 670
Mean 1.206
RMS 0.509
size [# of strips]

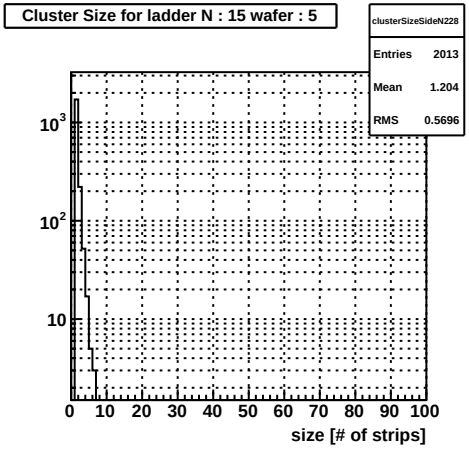

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3224
Mean 1.152
RMS 0.4886
size [# of strips]

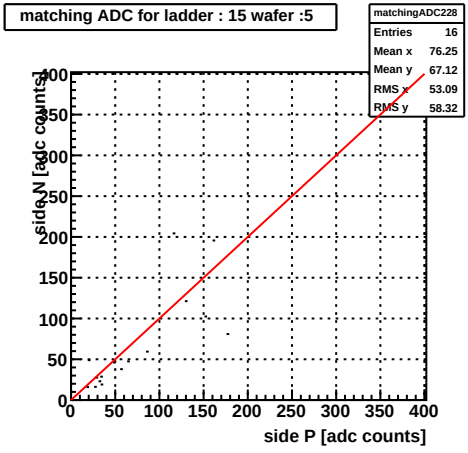

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 306
Mean x 77.57
Mean y 81.61
RMS x 64.86
RMS y 61.23
side N [adc counts]
side P [adc counts]

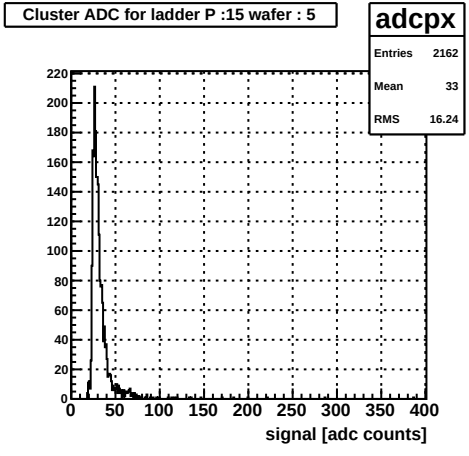

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 670
Mean 73.68
RMS 61.51
signal [adc counts]

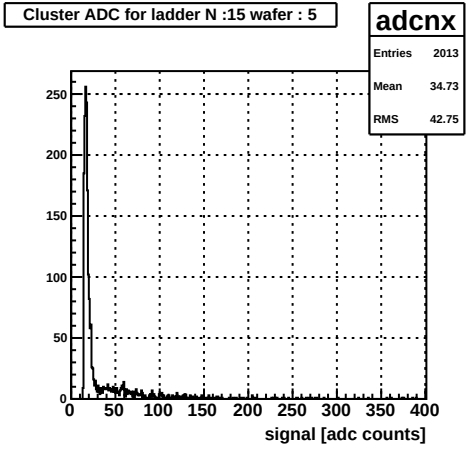

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3224
Mean 30.89
RMS 36.14
signal [adc counts]

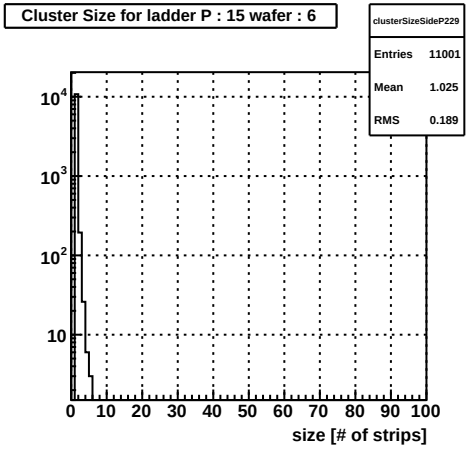

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2162
Mean 1.05
RMS 0.2428
size [# of strips]

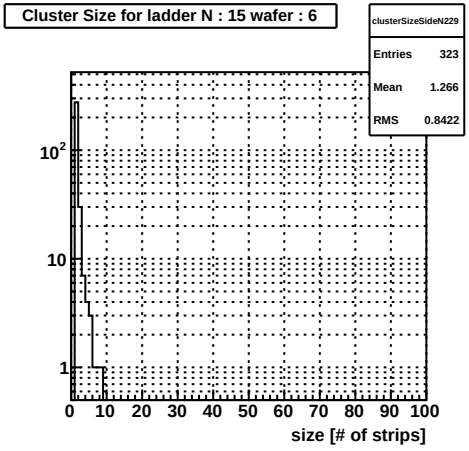

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2013
Mean 1.204
RMS 0.5696
size [# of strips]

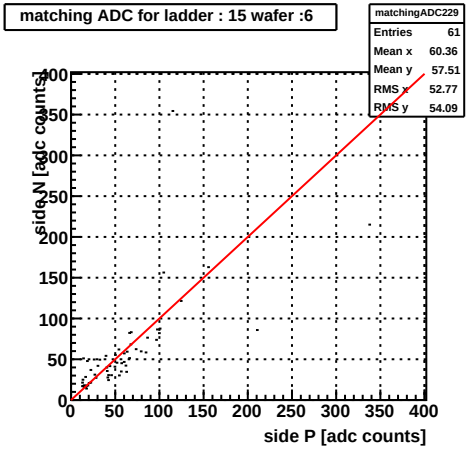

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 16
Mean x 76.25
Mean y 67.12
RMS x 53.09
RMS y 58.32
side N [adc counts]
side P [adc counts]

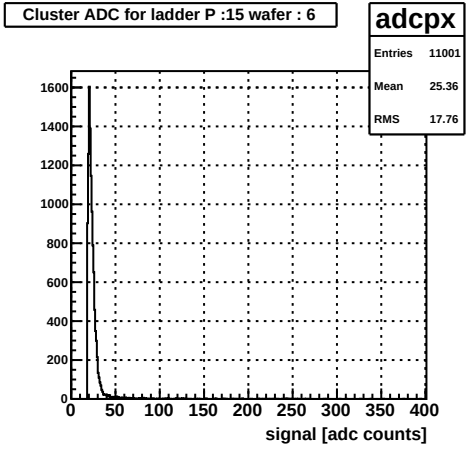

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2162
Mean 33
RMS 16.24
signal [adc counts]

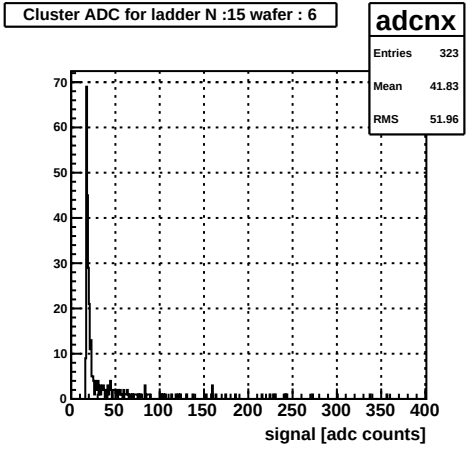

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2013
Mean 34.73
RMS 42.75
signal [adc counts]

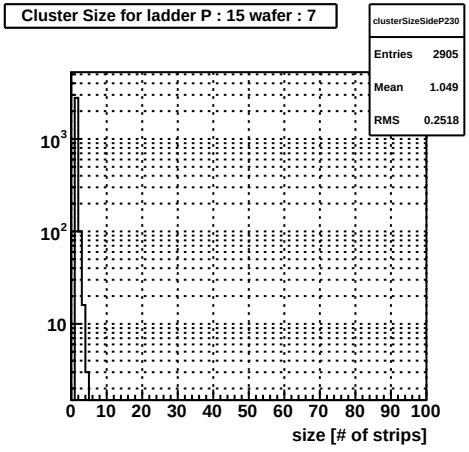

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11001
Mean 1.025
RMS 0.189
size [# of strips]

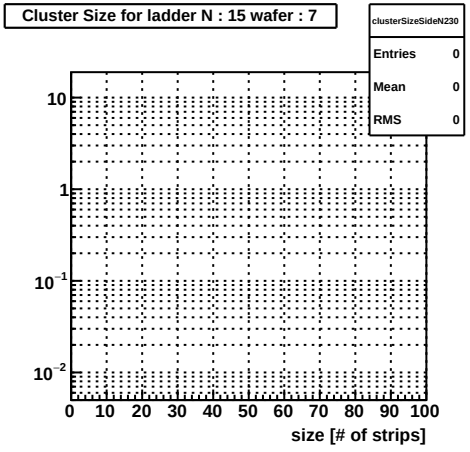

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 323
Mean 1.266
RMS 0.8422
size [# of strips]

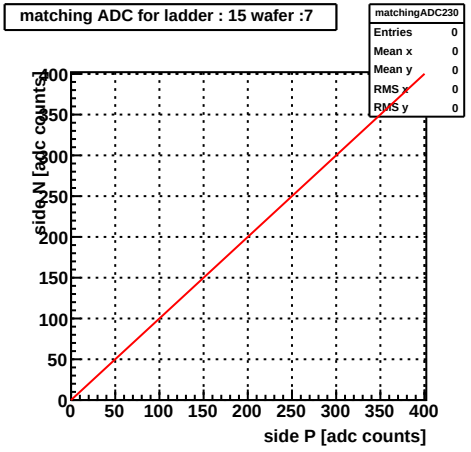

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 61
Mean x 60.36
Mean y 57.51
RMS x 52.77
RMS y 54.09
side N [adc counts]
side P [adc counts]

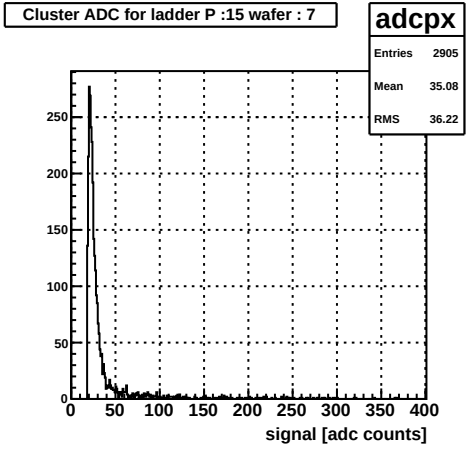

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11001
Mean 25.36
RMS 17.76
signal [adc counts]

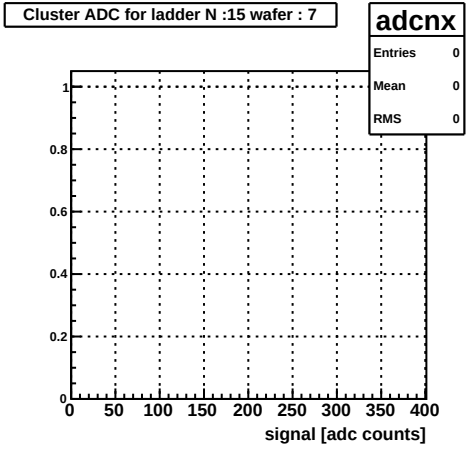

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 323
Mean 41.83
RMS 51.96
signal [adc counts]

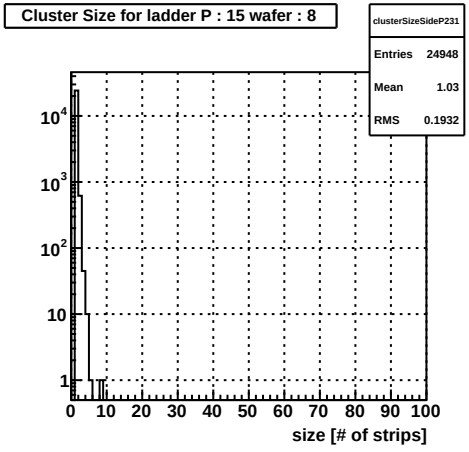

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2905
Mean 1.049
RMS 0.2518
size [# of strips]

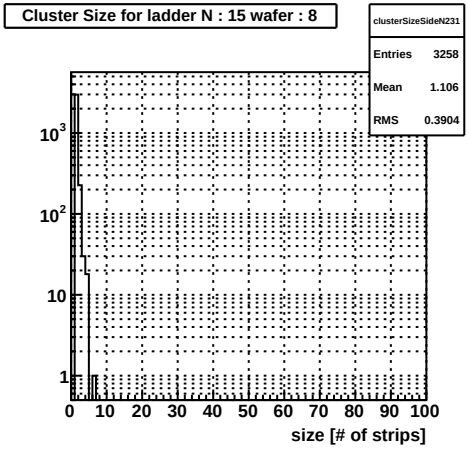

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

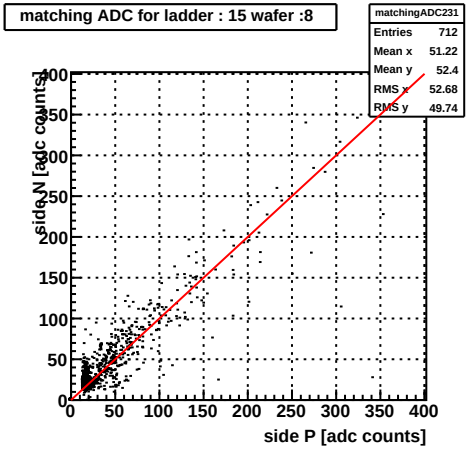

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

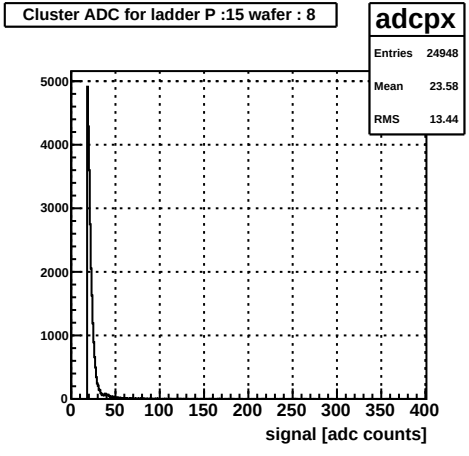

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2905
Mean 35.08
RMS 36.22
signal [adc counts]

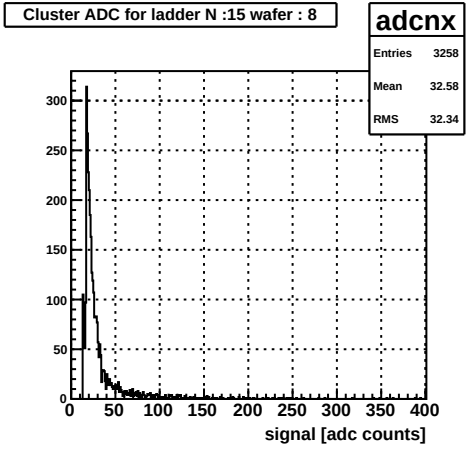

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

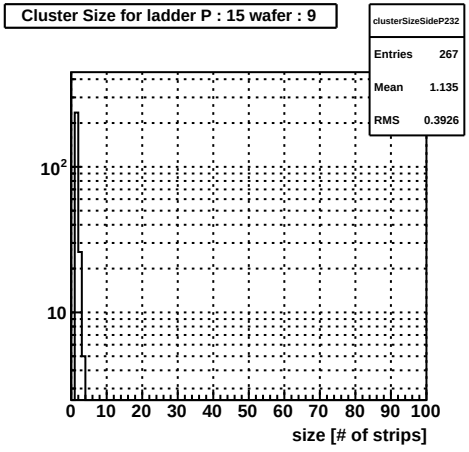

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 24948
Mean 1.03
RMS 0.1932
size [# of strips]

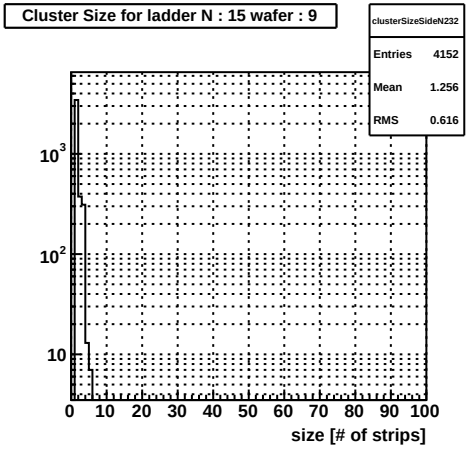

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3258
Mean 1.106
RMS 0.3904
size [# of strips]

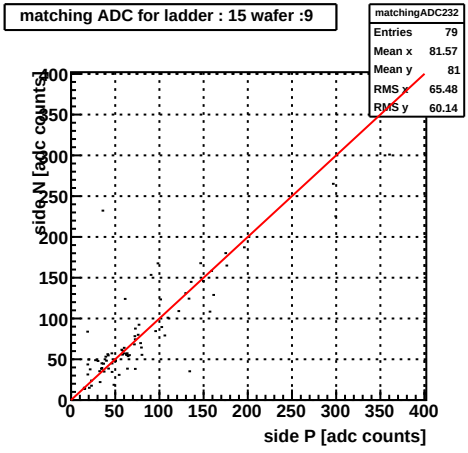

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 712
Mean x 51.22
Mean y 52.4
RMS x 52.68
RMS y 49.74
side N [adc counts]
side P [adc counts]

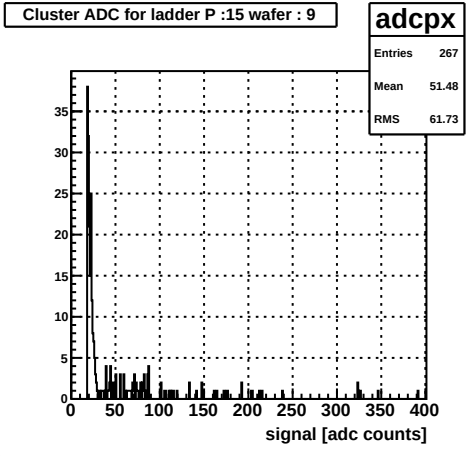

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 24948
Mean 23.58
RMS 13.44
signal [adc counts]

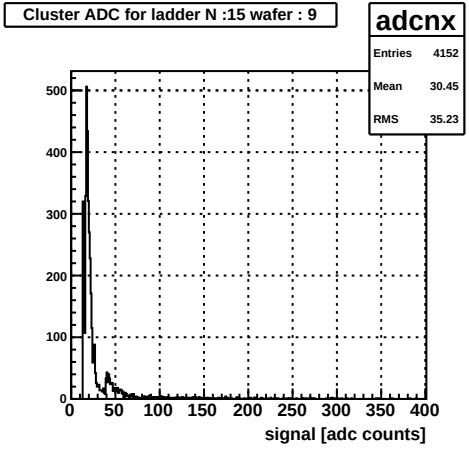

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3258
Mean 32.58
RMS 32.34
signal [adc counts]

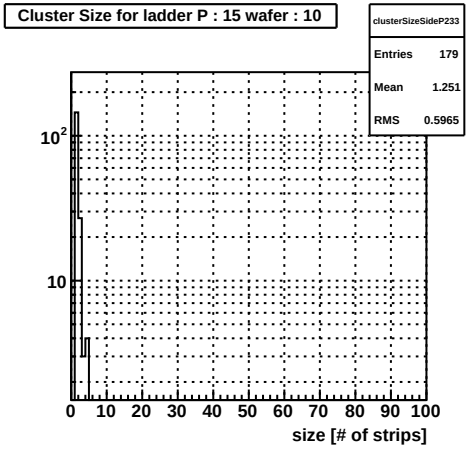

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 267
Mean 1.135
RMS 0.3926
size [# of strips]

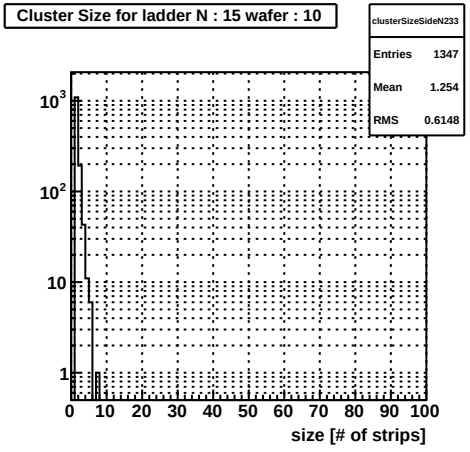

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4152
Mean 1.256
RMS 0.616
size [# of strips]

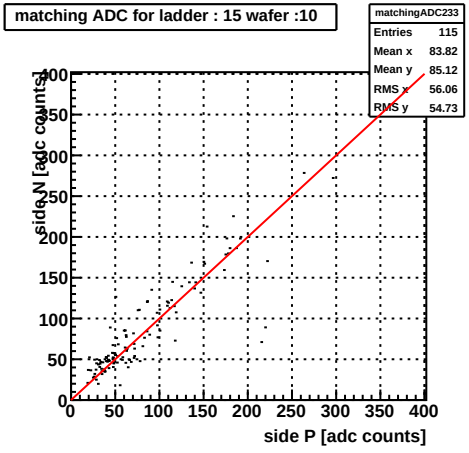

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 79
Mean x 81.57
Mean y 81
RMS x 65.48
RMS y 60.14
side N [adc counts]
side P [adc counts]

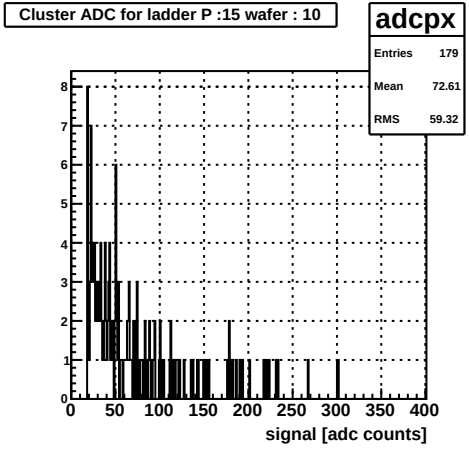

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 267
Mean 51.48
RMS 61.73
signal [adc counts]

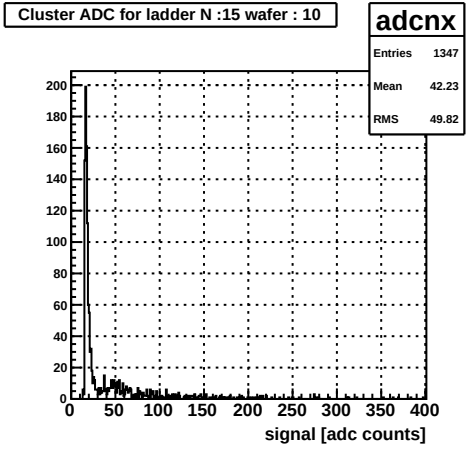

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4152
Mean 30.45
RMS 35.23
signal [adc counts]

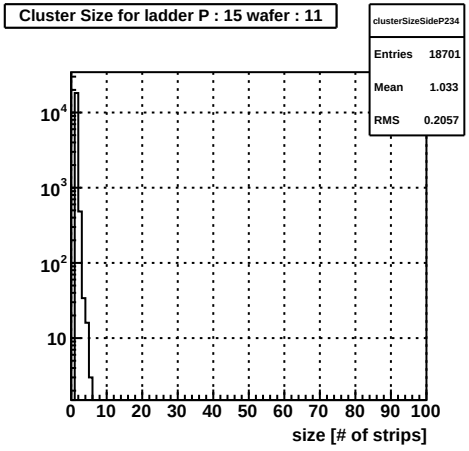

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 179
Mean 1.251
RMS 0.5965
size [# of strips]

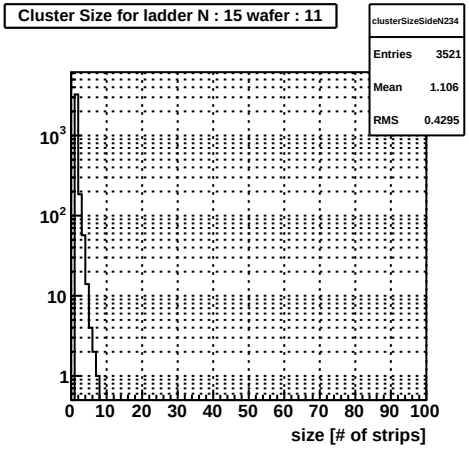

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1347
Mean 1.254
RMS 0.6148
size [# of strips]

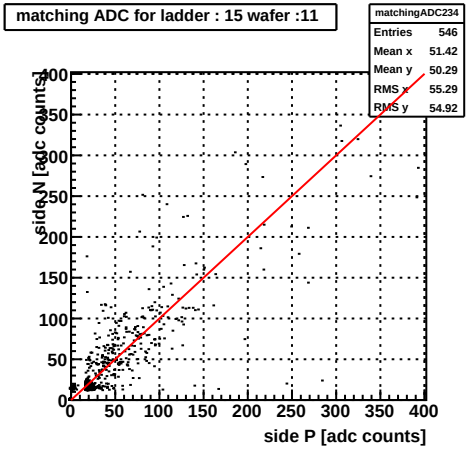

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 115
Mean x 83.82
Mean y 85.12
RMS x 56.06
RMS y 54.73
side N [adc counts]
side P [adc counts]

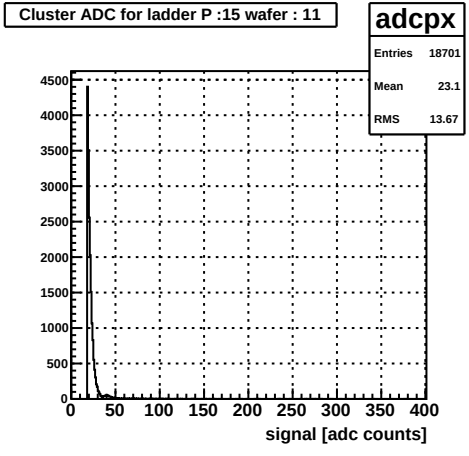

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 179
Mean 72.61
RMS 59.32
signal [adc counts]

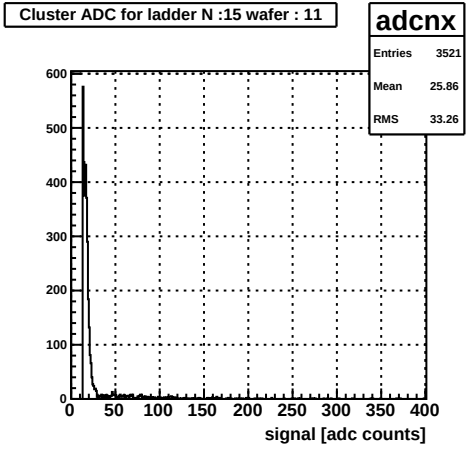

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1347
Mean 42.23
RMS 49.82
signal [adc counts]

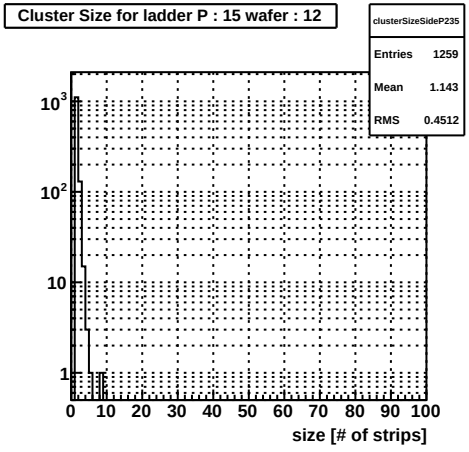

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 18701
Mean 1.033
RMS 0.2057
size [# of strips]

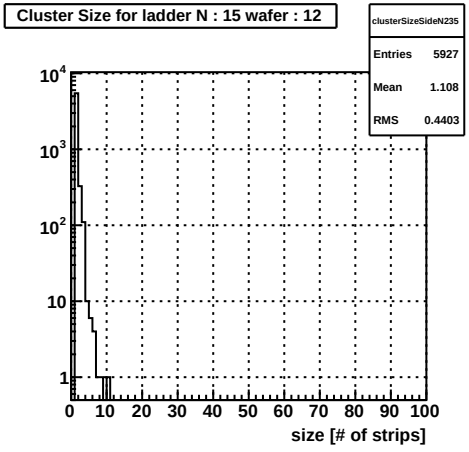

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3521
Mean 1.106
RMS 0.4295
size [# of strips]

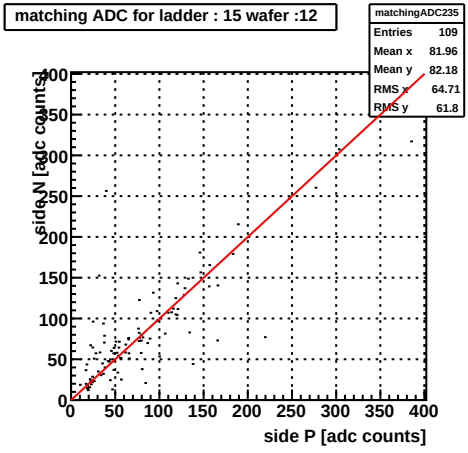

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 546
Mean x 51.42
Mean y 50.29
RMS x 55.29
RMS y 54.92
side N [adc counts]
side P [adc counts]

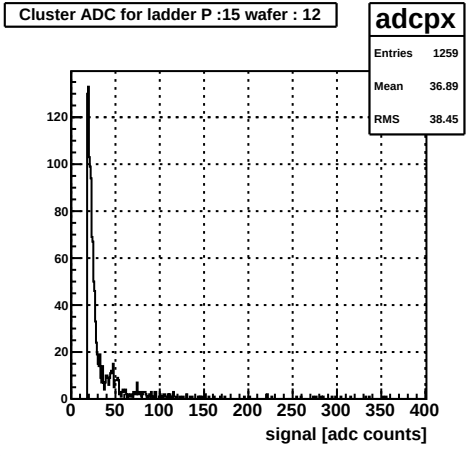

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 18701
Mean 23.1
RMS 13.67
signal [adc counts]

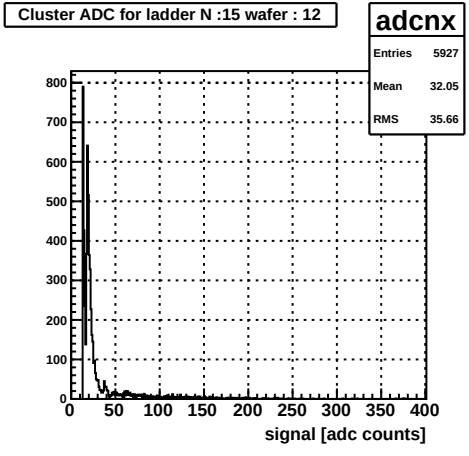

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3521
Mean 25.86
RMS 33.26
signal [adc counts]

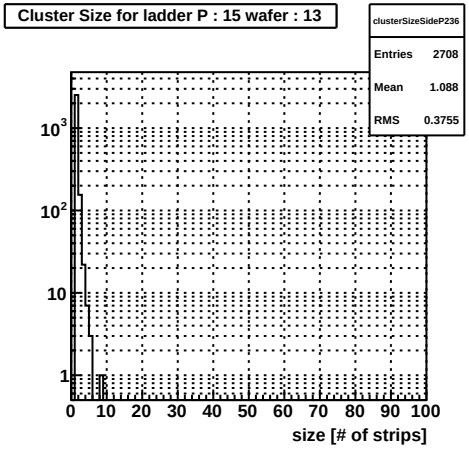

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1259
Mean 1.143
RMS 0.4512
size [# of strips]

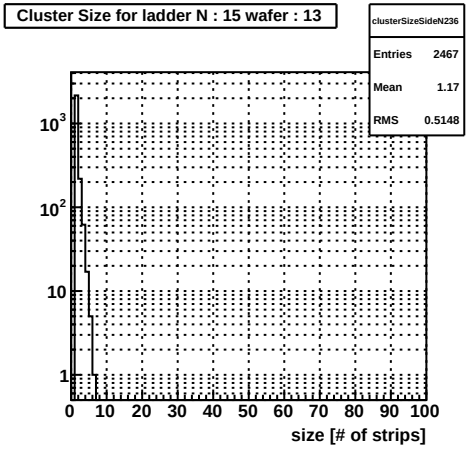

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5927
Mean 1.108
RMS 0.4403
size [# of strips]

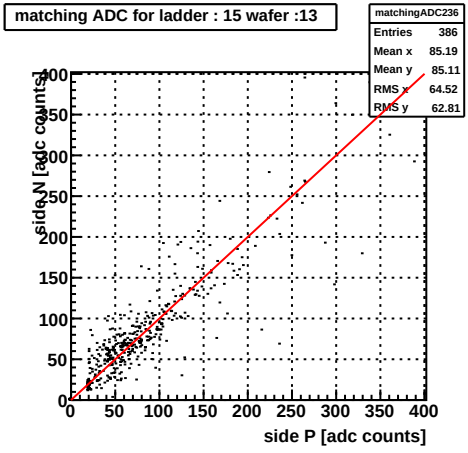

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 109
Mean x 81.96
Mean y 82.18
RMS x 64.71
RMS y 61.8
side N [adc counts]
side P [adc counts]

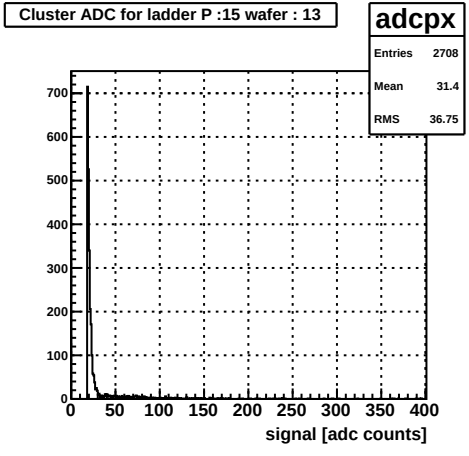

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1259
Mean 36.89
RMS 38.45
signal [adc counts]

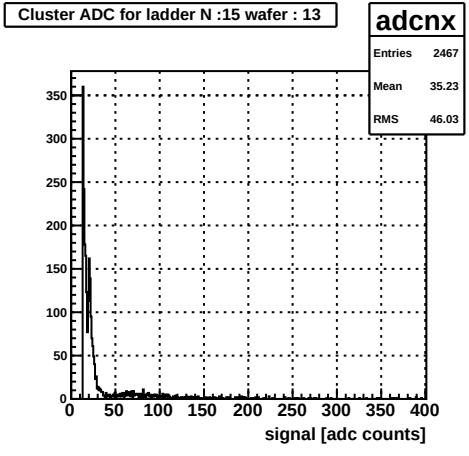

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5927
Mean 32.05
RMS 35.66
signal [adc counts]

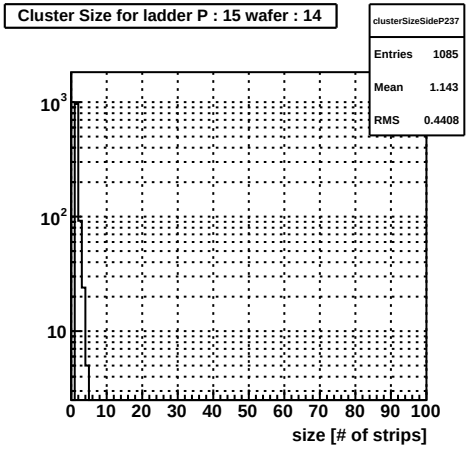

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2708
Mean 1.088
RMS 0.3755
size [# of strips]

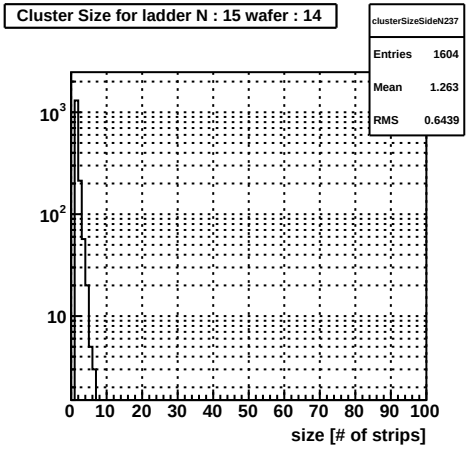

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2467
Mean 1.17
RMS 0.5148
size [# of strips]

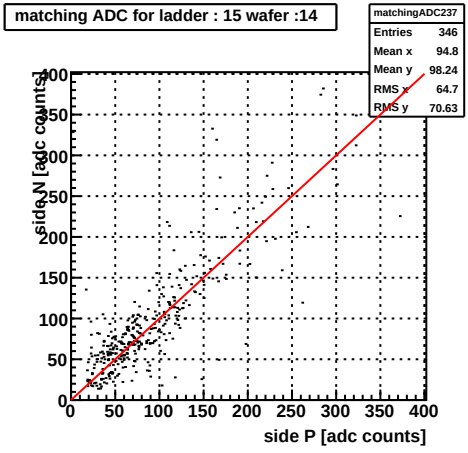

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 386
Mean x 85.19
Mean y 85.11
RMS x 64.52
RMS y 62.81
side N [adc counts]
side P [adc counts]

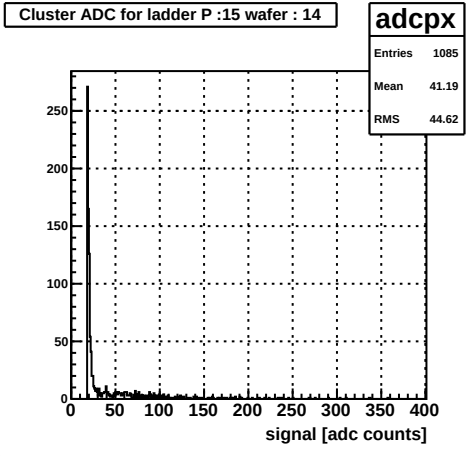

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2708
Mean 31.4
RMS 36.75
signal [adc counts]

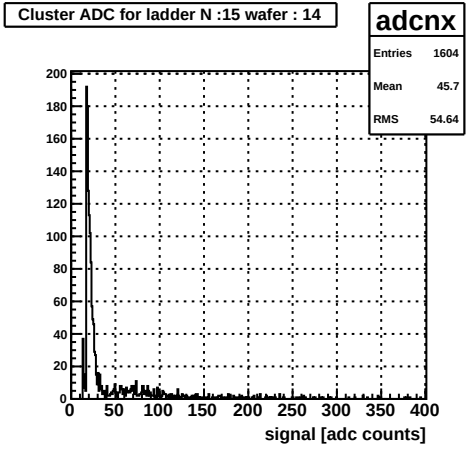

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2467
Mean 35.23
RMS 46.03
signal [adc counts]

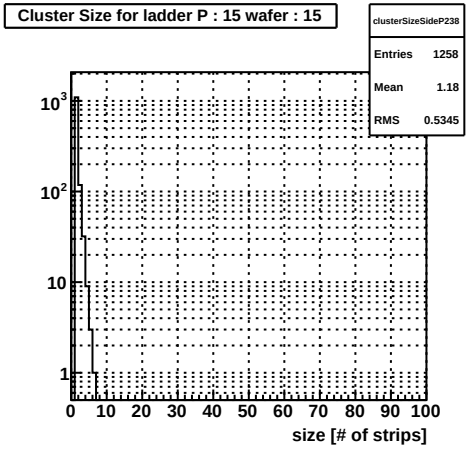

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1085
Mean 1.143
RMS 0.4408
size [# of strips]

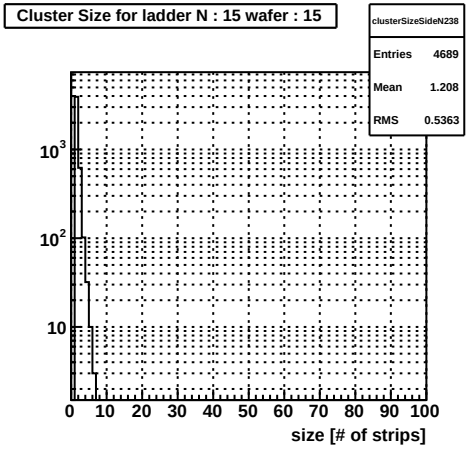

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1604
Mean 1.263
RMS 0.6439
size [# of strips]

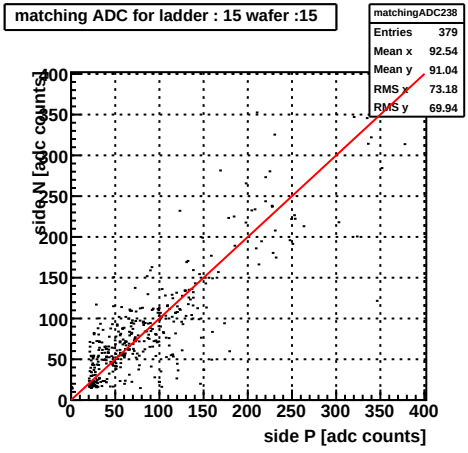

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 346
Mean x 94.8
Mean y 98.24
RMS x 64.7
RMS y 70.63
side N [adc counts]
side P [adc counts]

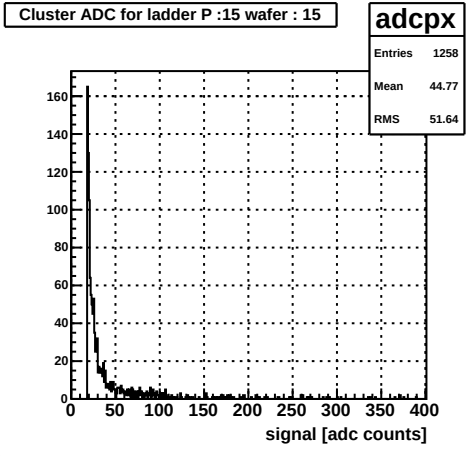

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1085
Mean 41.19
RMS 44.62
signal [adc counts]

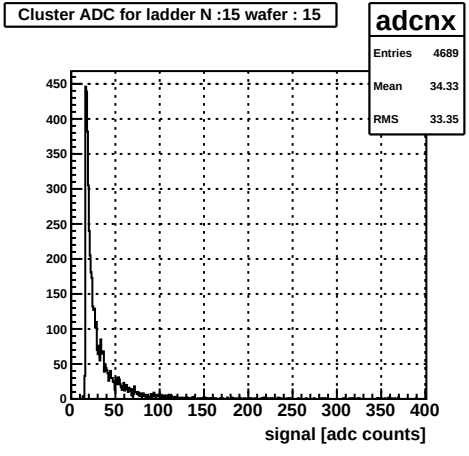

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1604
Mean 45.7
RMS 54.64
signal [adc counts]

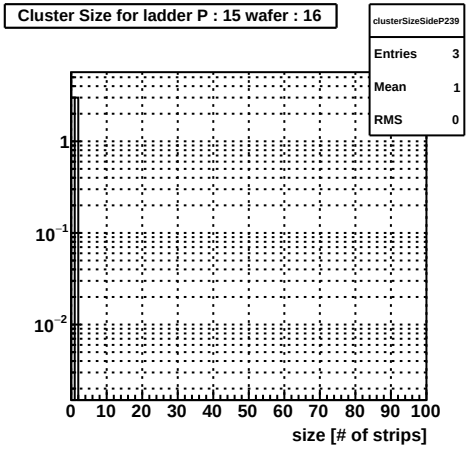

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1258
Mean 1.18
RMS 0.5345
size [# of strips]

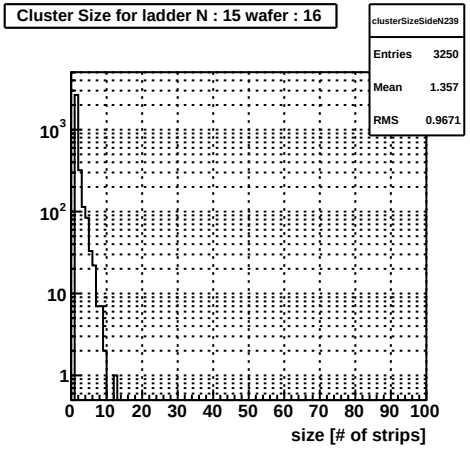

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4689
Mean 1.208
RMS 0.5363
size [# of strips]

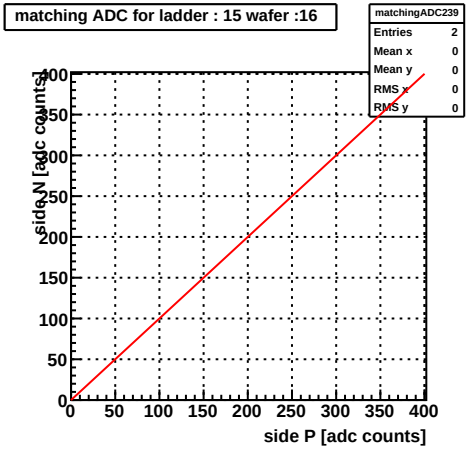

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 379
Mean x 92.54
Mean y 91.04
RMS x 73.18
RMS y 69.94
side N [adc counts]
side P [adc counts]

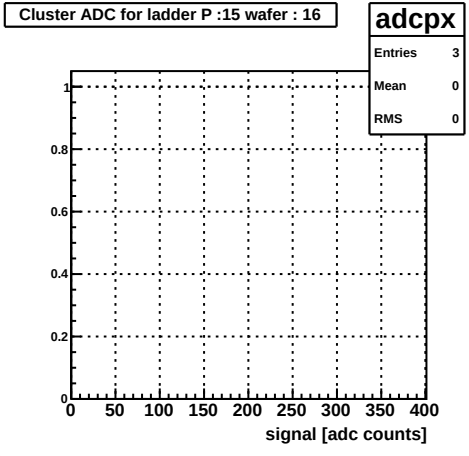

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1258
Mean 44.77
RMS 51.64
signal [adc counts]

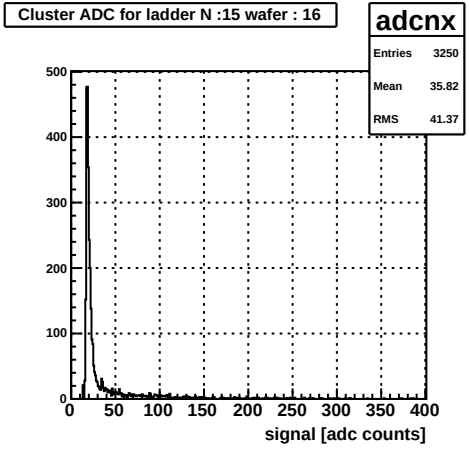

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4689
Mean 34.33
RMS 33.35
signal [adc counts]

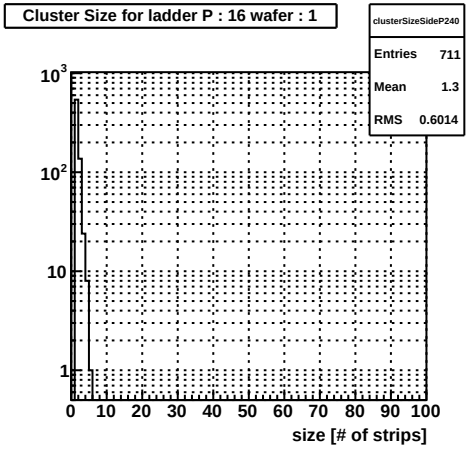

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

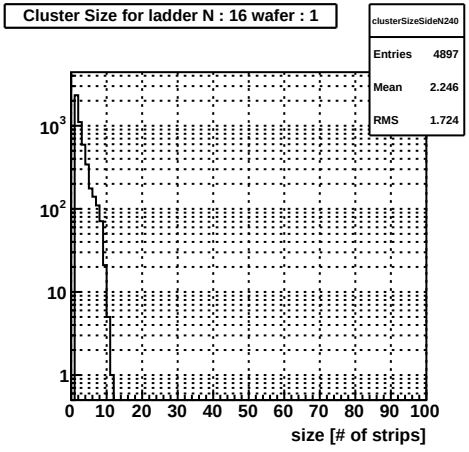

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3250
Mean 1.357
RMS 0.9671
size [# of strips]

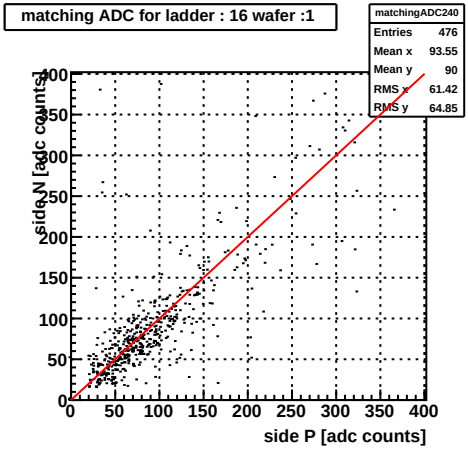

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

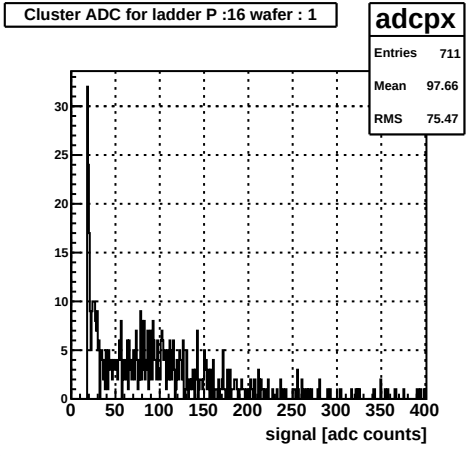

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

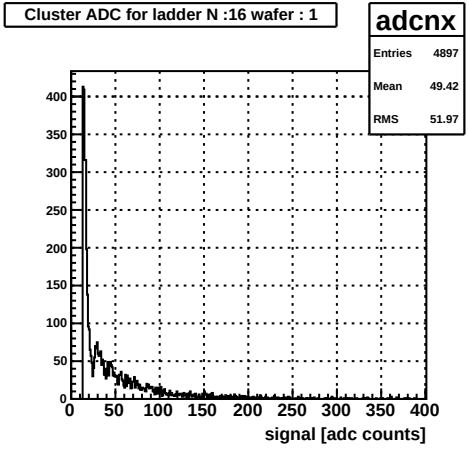

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3250
Mean 35.82
RMS 41.37
signal [adc counts]

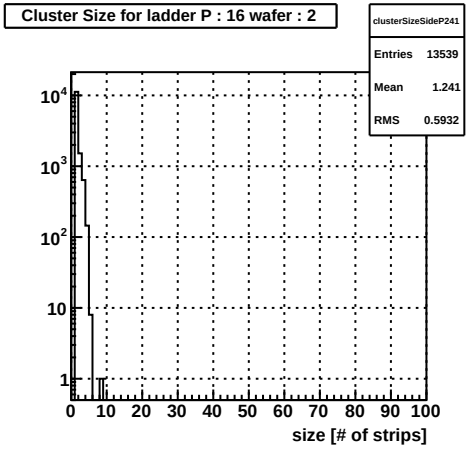

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 711
Mean 1.3
RMS 0.6014
size [# of strips]

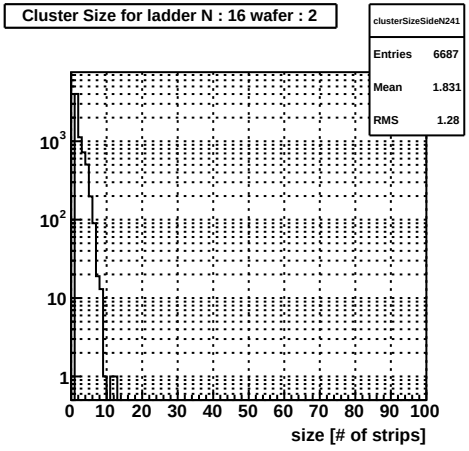

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4897
Mean 2.246
RMS 1.724
size [# of strips]

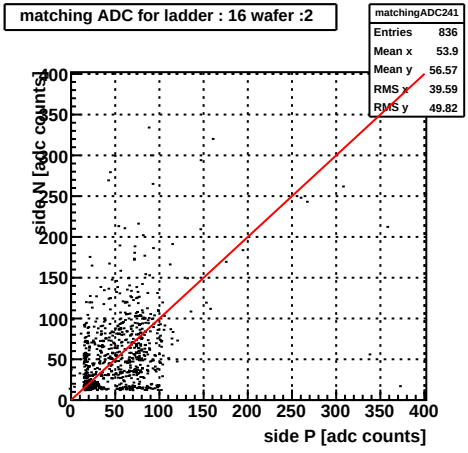

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 476
Mean x 93.55
Mean y 90
RMS x 61.42
RMS y 64.85
side N [adc counts]
side P [adc counts]

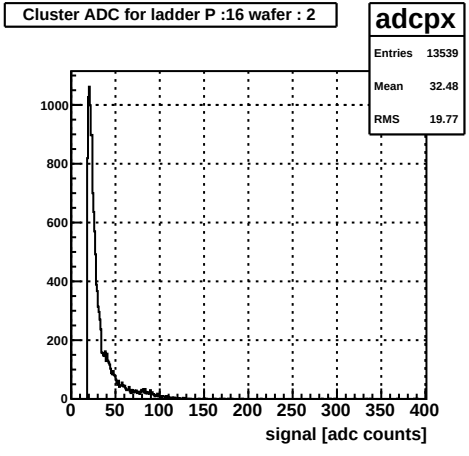

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 711
Mean 97.66
RMS 75.47
signal [adc counts]

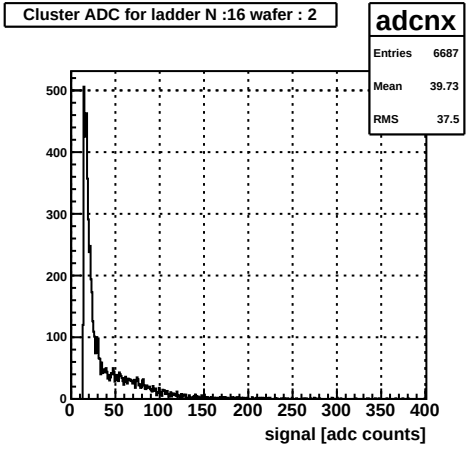

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4897
Mean 49.42
RMS 51.97
signal [adc counts]

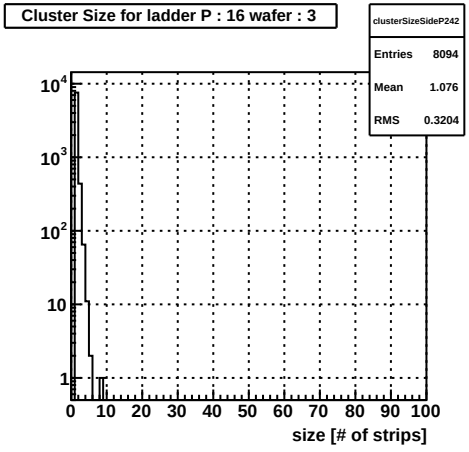

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13539
Mean 1.241
RMS 0.5932
size [# of strips]

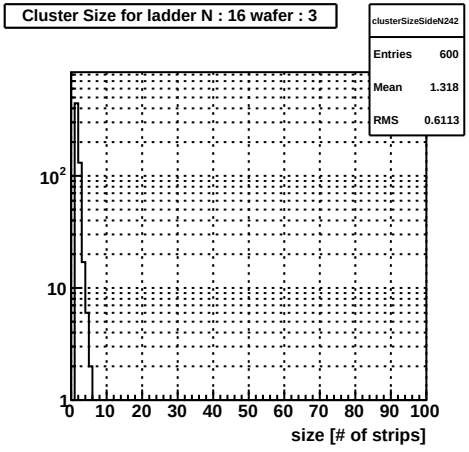

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6687
Mean 1.831
RMS 1.28
size [# of strips]

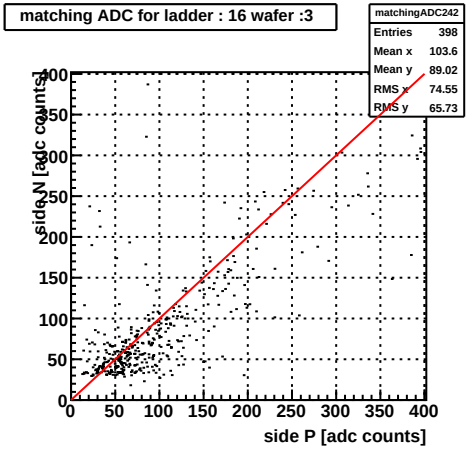

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 836
Mean x 53.9
Mean y 56.57
RMS x 39.59
RMS y 49.82
side N [adc counts]
side P [adc counts]

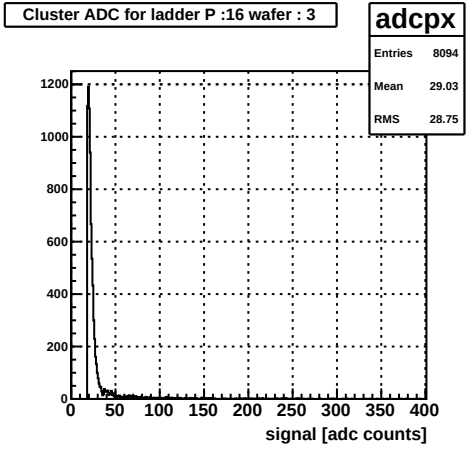

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13539
Mean 32.48
RMS 19.77
signal [adc counts]

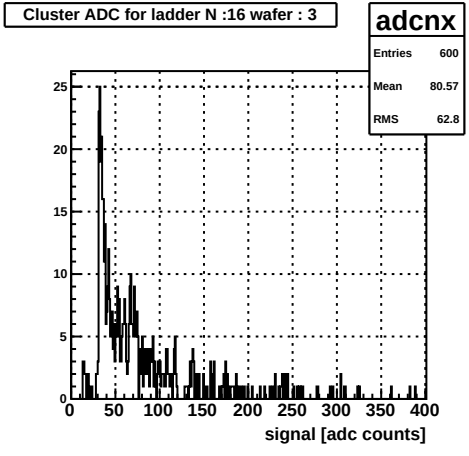

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6687
Mean 39.73
RMS 37.5
signal [adc counts]

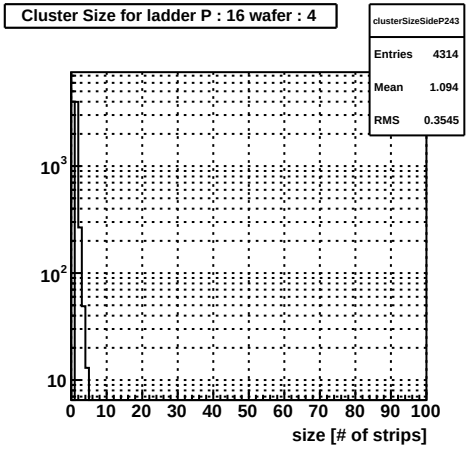

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8094
Mean 1.076
RMS 0.3204
size [# of strips]

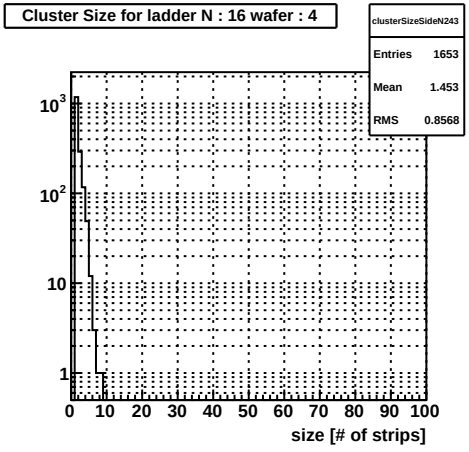

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 600
Mean 1.318
RMS 0.6113
size [# of strips]

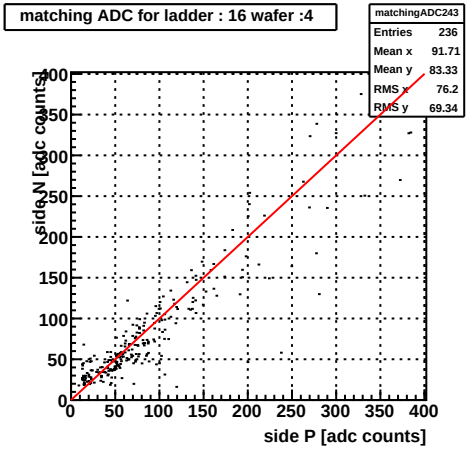

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 398
Mean x 103.6
Mean y 89.02
RMS x 74.55
RMS y 65.73
side N [adc counts]
side P [adc counts]

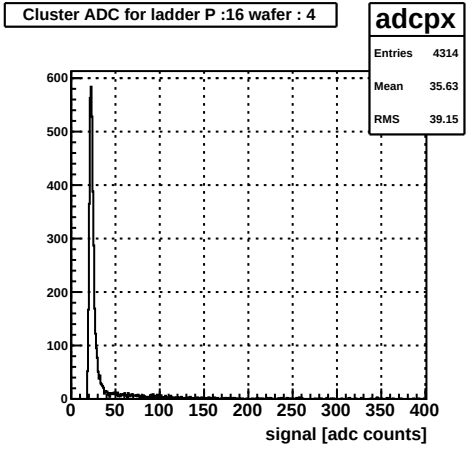

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8094
Mean 29.03
RMS 28.75
signal [adc counts]

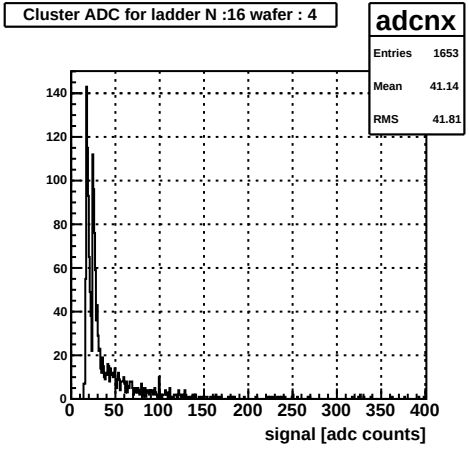

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 600
Mean 80.57
RMS 62.8
signal [adc counts]

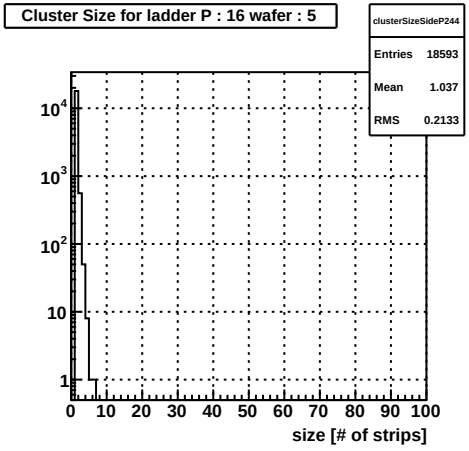

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4314
Mean 1.094
RMS 0.3545
size [# of strips]

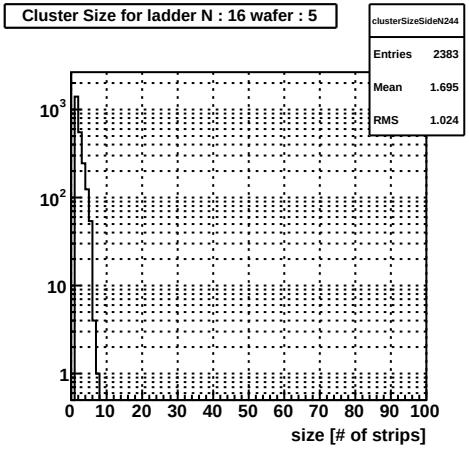

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1653
Mean 1.453
RMS 0.8568
size [# of strips]

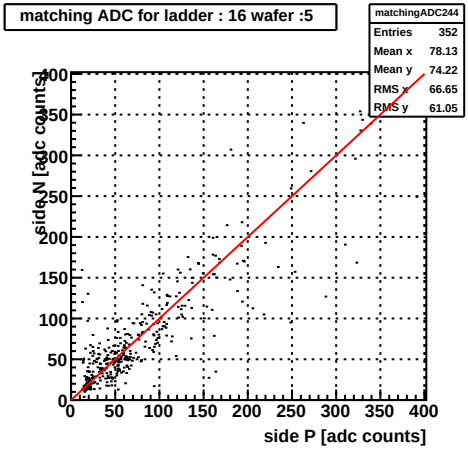

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 236
Mean x 91.71
Mean y 83.33
RMS x 76.2
RMS y 69.34
side N [adc counts]
side P [adc counts]

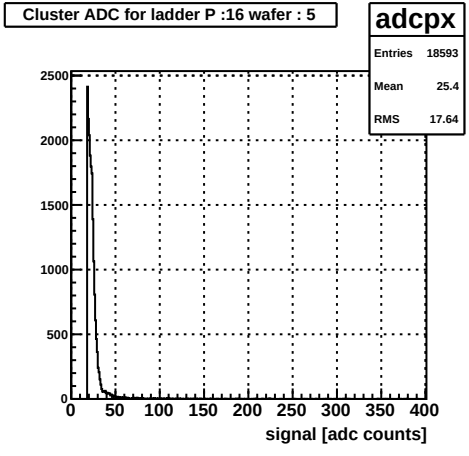

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4314
Mean 35.63
RMS 39.15
signal [adc counts]

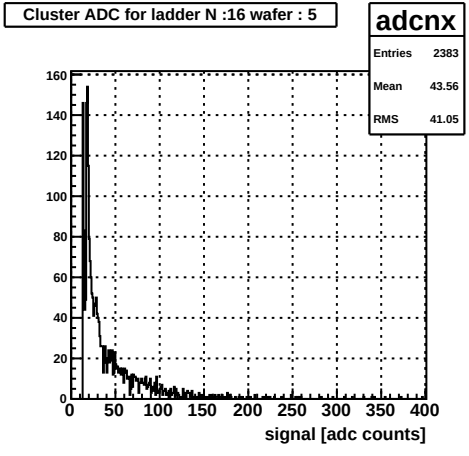

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1653
Mean 41.14
RMS 41.81
signal [adc counts]

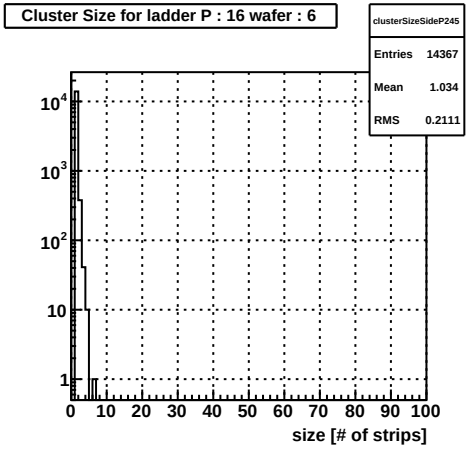

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 18593
Mean 1.037
RMS 0.2133
size [# of strips]

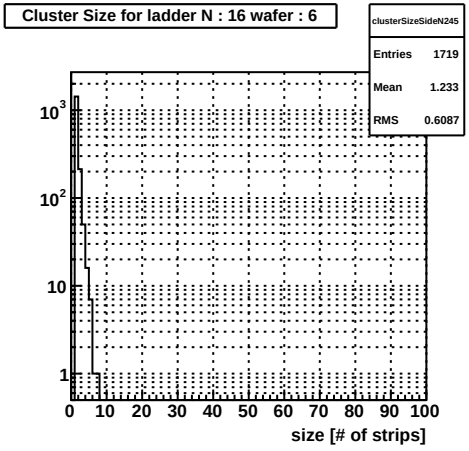

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2383
Mean 1.695
RMS 1.024
size [# of strips]

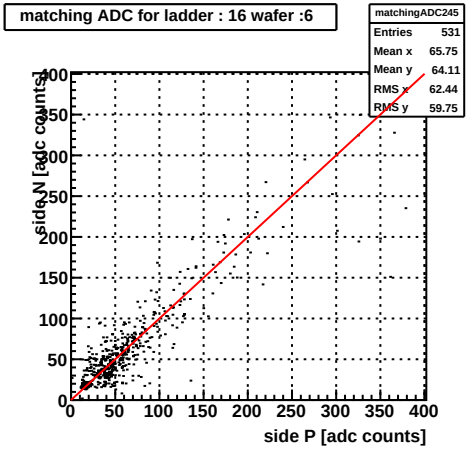

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 352
Mean x 78.13
Mean y 74.22
RMS x 66.65
RMS y 61.05
side N [adc counts]
side P [adc counts]

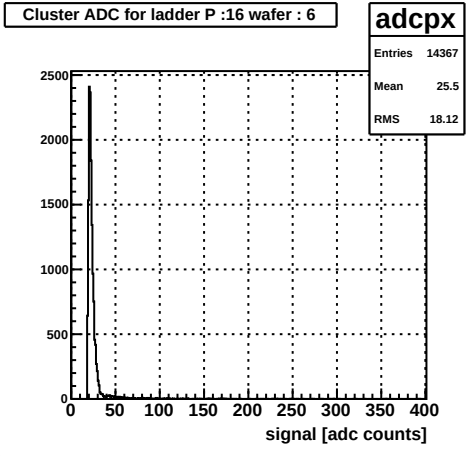

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 18593
Mean 25.4
RMS 17.64
signal [adc counts]

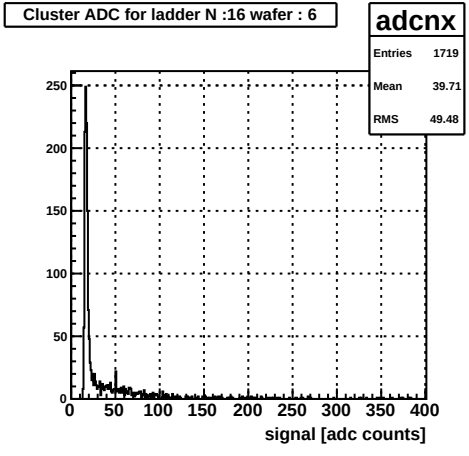

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2383
Mean 43.56
RMS 41.05
signal [adc counts]

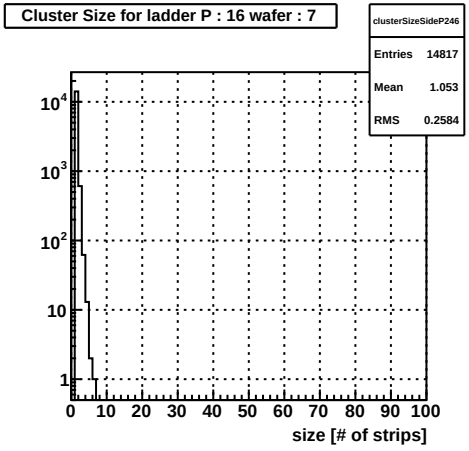

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 14367
Mean 1.034
RMS 0.2111
size [# of strips]

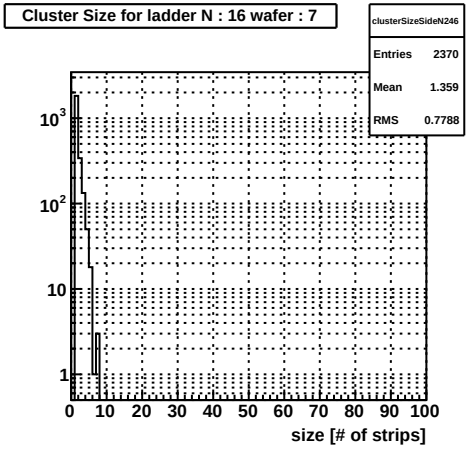

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1719
Mean 1.233
RMS 0.6087
size [# of strips]

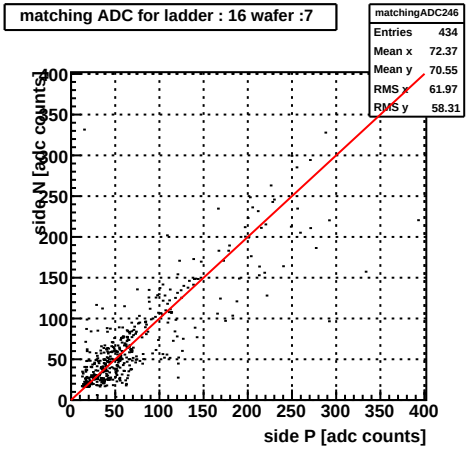

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 531
Mean x 65.75
Mean y 64.11
RMS x 62.44
RMS y 59.75
side N [adc counts]
side P [adc counts]

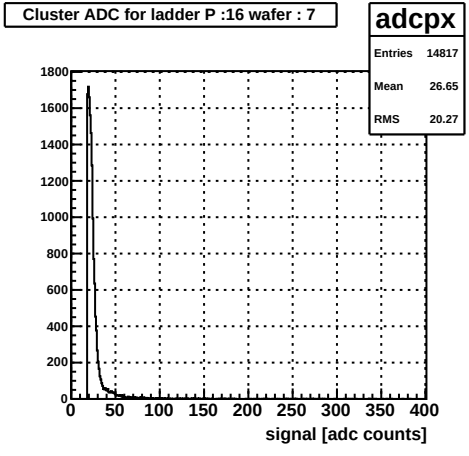

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 14367
Mean 25.5
RMS 18.12
signal [adc counts]

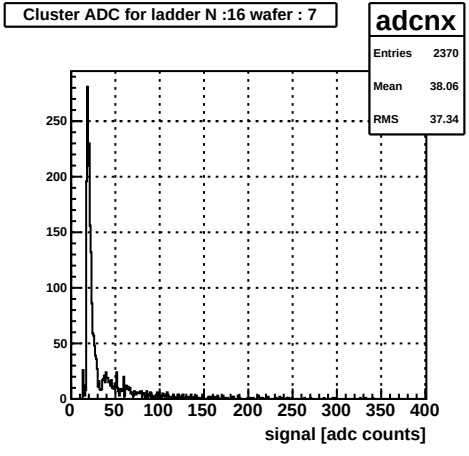

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1719
Mean 39.71
RMS 49.48
signal [adc counts]

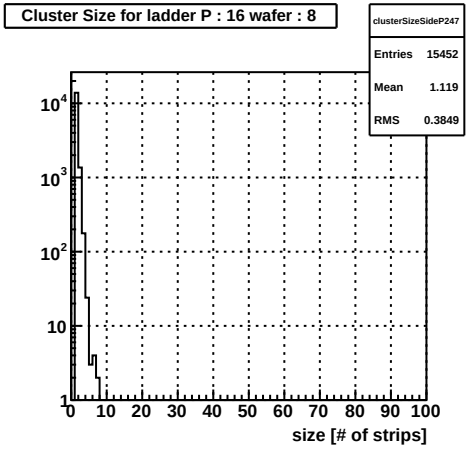

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14817
Mean 1.053
RMS 0.2584
size [# of strips]

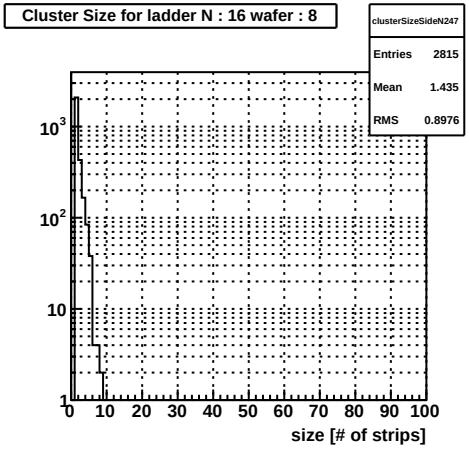

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2370
Mean 1.359
RMS 0.7788
size [# of strips]

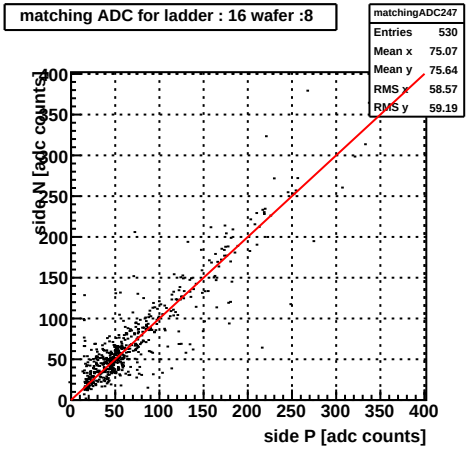

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 434
Mean x 72.37
Mean y 70.55
RMS x 61.97
RMS y 58.31
side N [adc counts]
side P [adc counts]

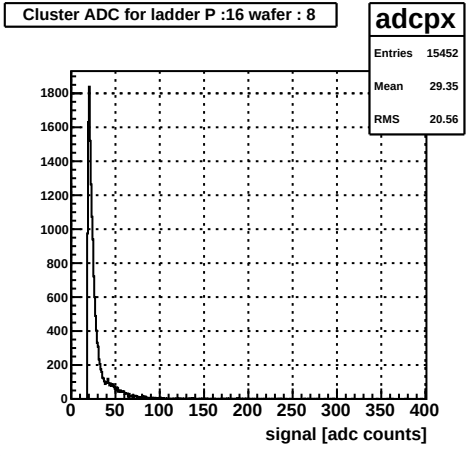

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14817
Mean 26.65
RMS 20.27
signal [adc counts]

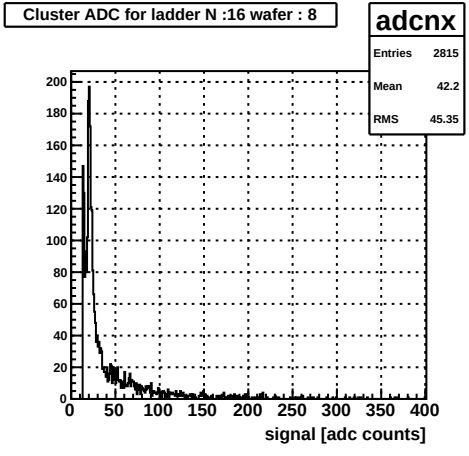

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2370
Mean 38.06
RMS 37.34
signal [adc counts]

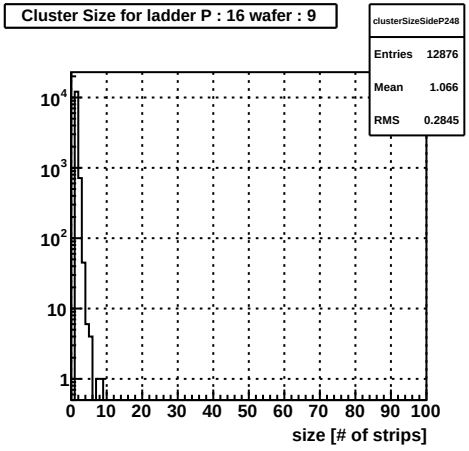

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 15452
Mean 1.119
RMS 0.3849
size [# of strips]

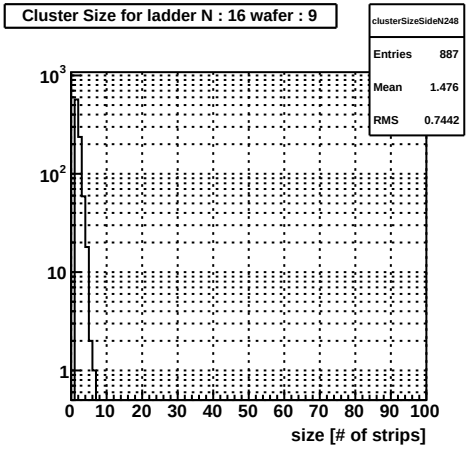

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2815
Mean 1.435
RMS 0.8976
size [# of strips]

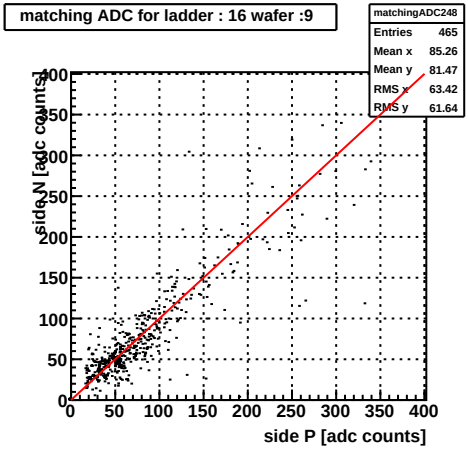

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 530
Mean x 75.07
Mean y 75.64
RMS x 58.57
RMS y 59.19
side N [adc counts]
side P [adc counts]

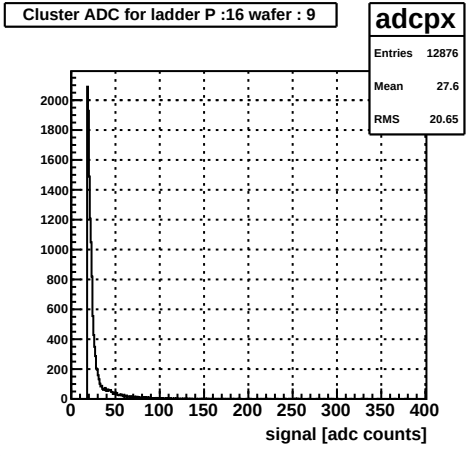

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 15452
Mean 29.35
RMS 20.56
signal [adc counts]

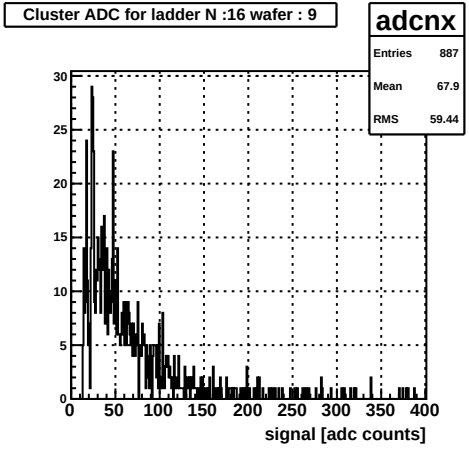

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2815
Mean 42.2
RMS 45.35
signal [adc counts]

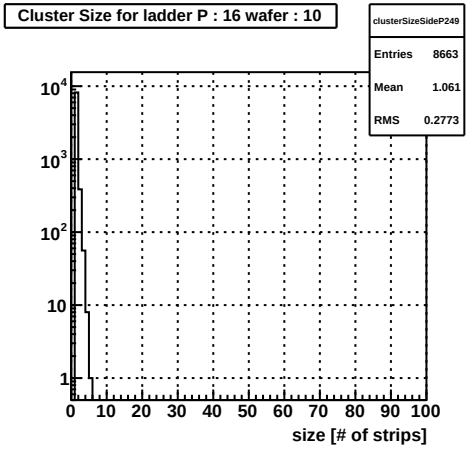

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12876
Mean 1.066
RMS 0.2845
size [# of strips]

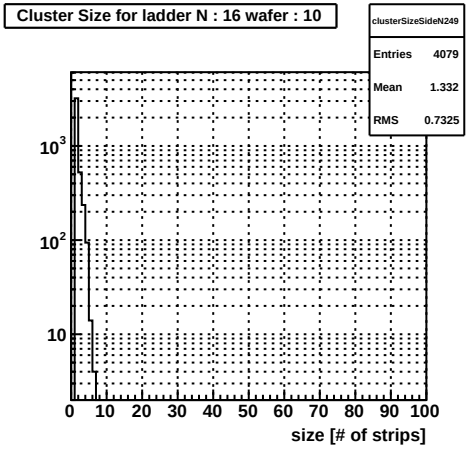

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 887
Mean 1.476
RMS 0.7442
size [# of strips]

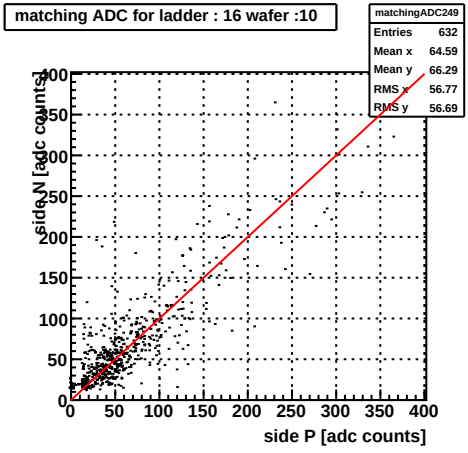

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 465
Mean x 85.26
Mean y 81.47
RMS x 63.42
RMS y 61.64
side N [adc counts]
side P [adc counts]

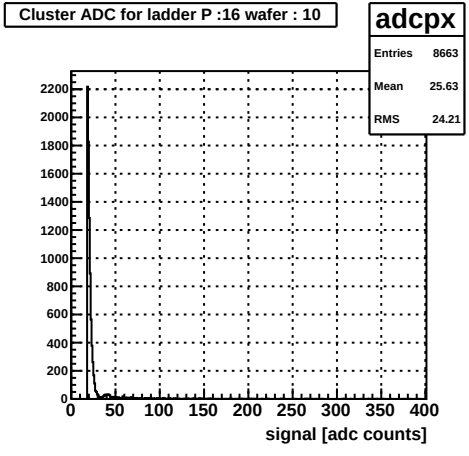

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12876
Mean 27.6
RMS 20.65
signal [adc counts]

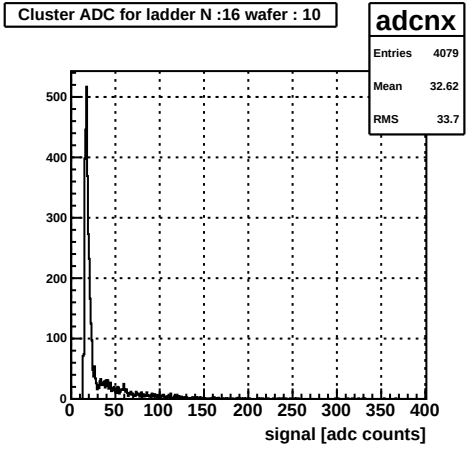

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 887
Mean 67.9
RMS 59.44
signal [adc counts]

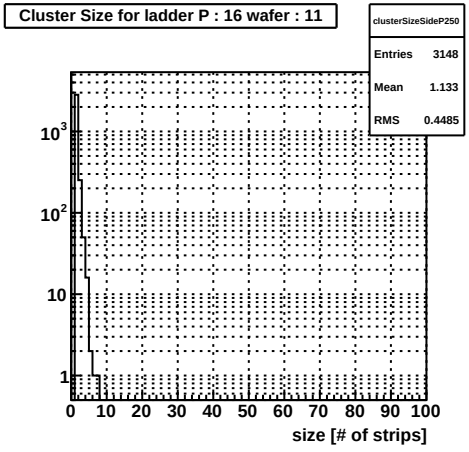

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8663
Mean 1.061
RMS 0.2773
size [# of strips]

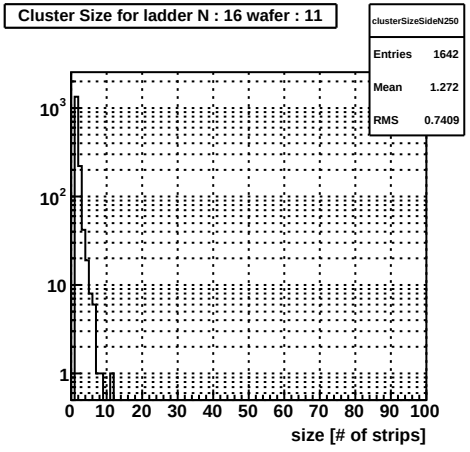

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4079
Mean 1.332
RMS 0.7325
size [# of strips]

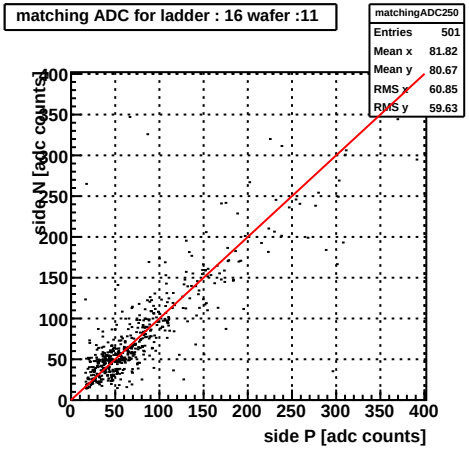

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 632
Mean x 64.59
Mean y 66.29
RMS x 56.77
RMS y 56.69
side N [adc counts]
side P [adc counts]

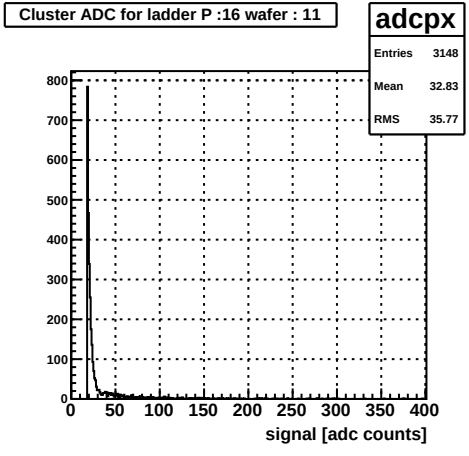

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8663
Mean 25.63
RMS 24.21
signal [adc counts]

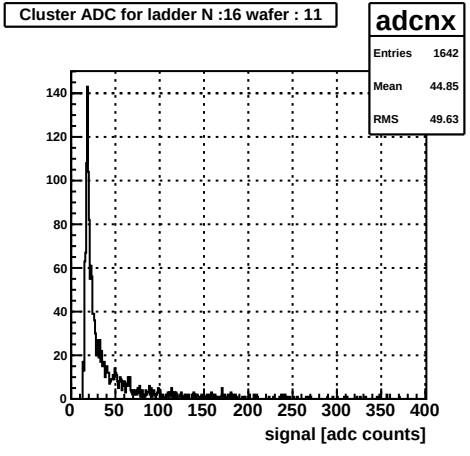

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4079
Mean 32.62
RMS 33.7
signal [adc counts]

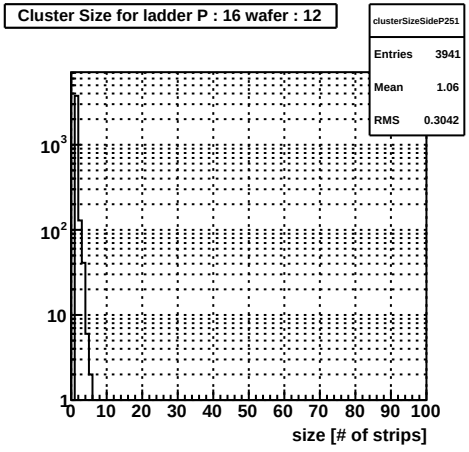

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3148
Mean 1.133
RMS 0.4485
size [# of strips]

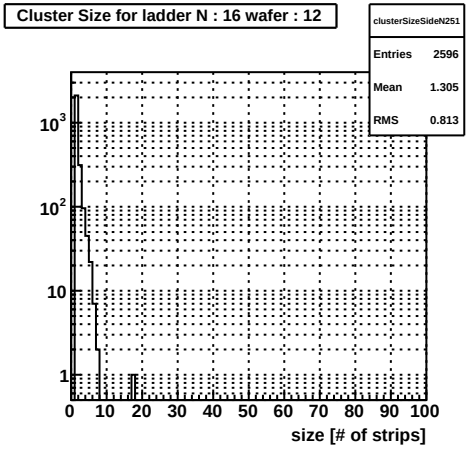

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1642
Mean 1.272
RMS 0.7409
size [# of strips]

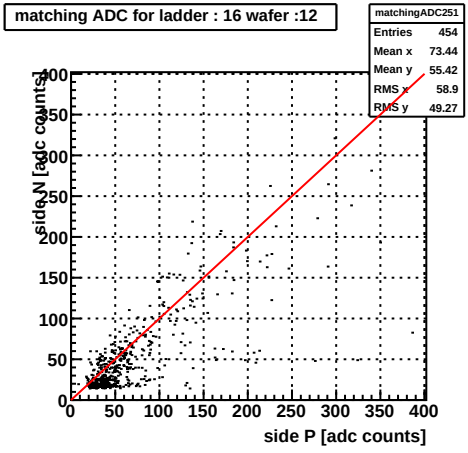

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 501
Mean x 81.82
Mean y 80.67
RMS x 60.85
RMS y 59.63
side N [adc counts]
side P [adc counts]

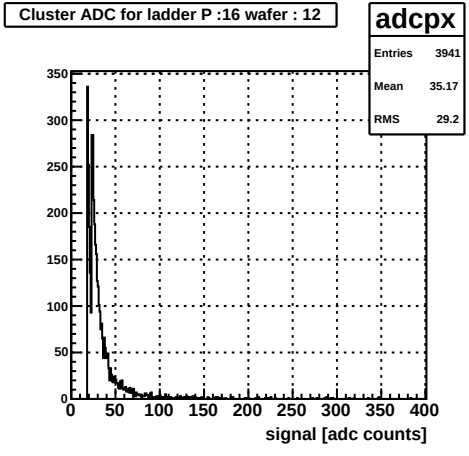

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3148
Mean 32.83
RMS 35.77
signal [adc counts]

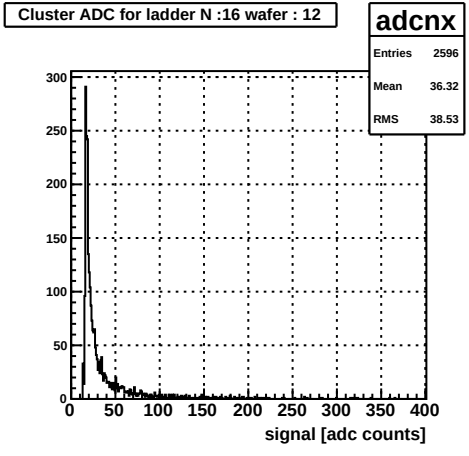

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1642
Mean 44.85
RMS 49.63
signal [adc counts]

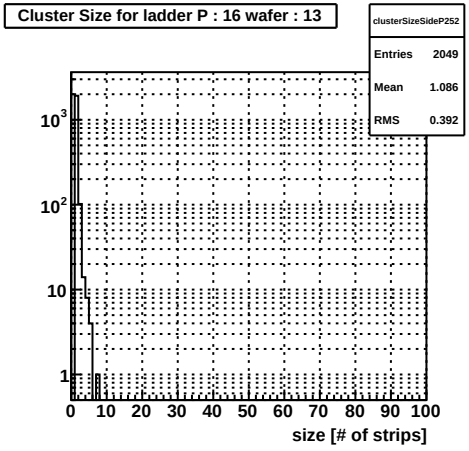

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3941
Mean 1.06
RMS 0.3042
size [# of strips]

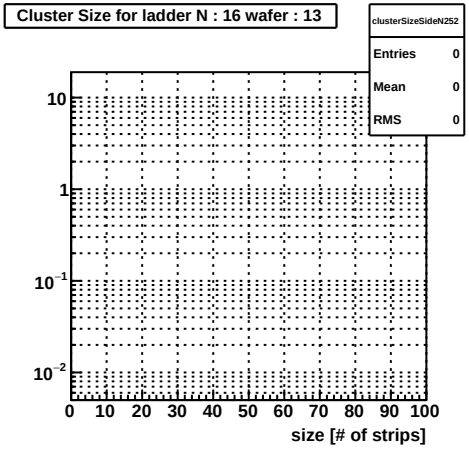

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2596
Mean 1.305
RMS 0.813
size [# of strips]

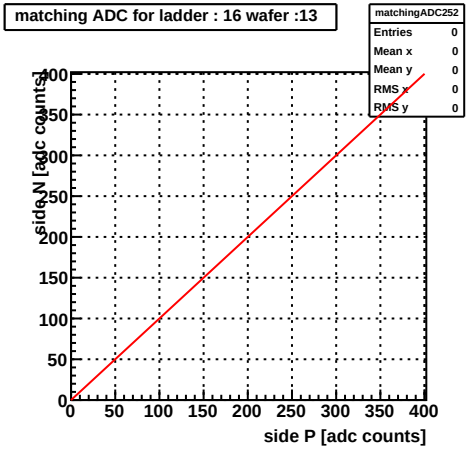

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 454
Mean x 73.44
Mean y 55.42
RMS x 58.9
RMS y 49.27
side N [adc counts]
side P [adc counts]

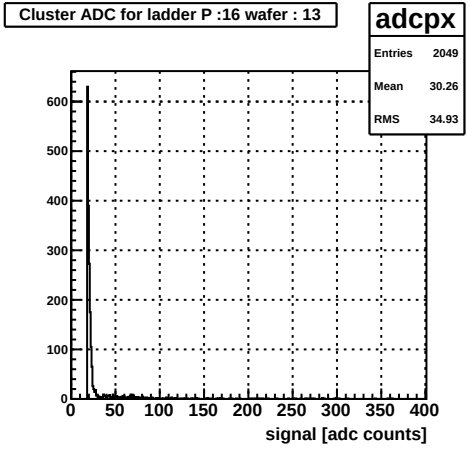

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3941
Mean 35.17
RMS 29.2
signal [adc counts]

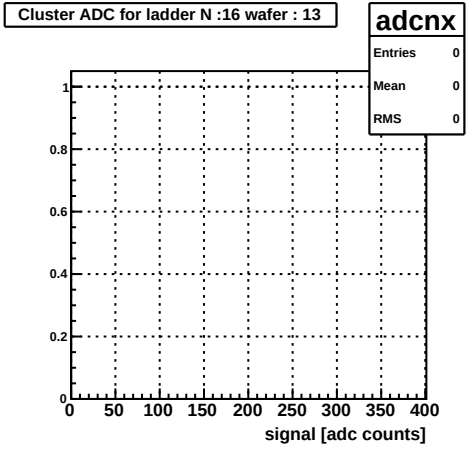

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2596
Mean 36.32
RMS 38.53
signal [adc counts]

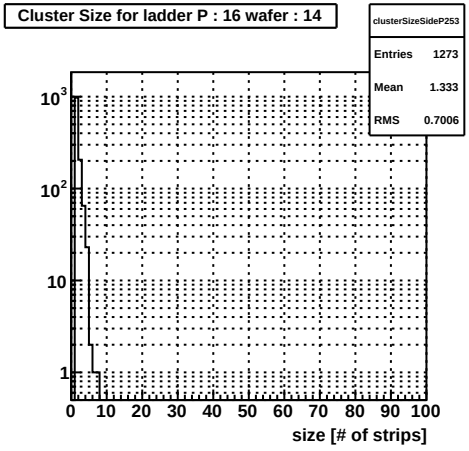

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2049
Mean 1.086
RMS 0.392
size [# of strips]

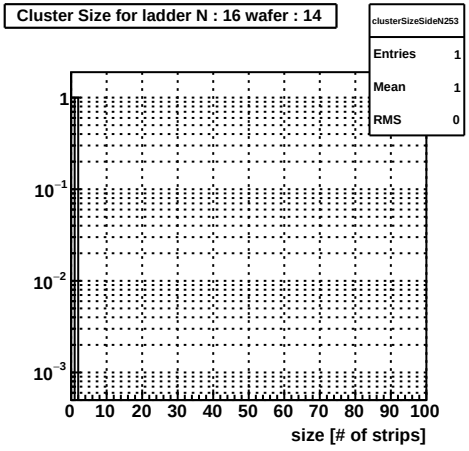

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

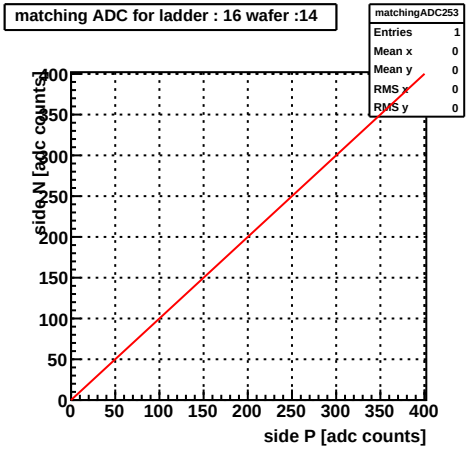

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

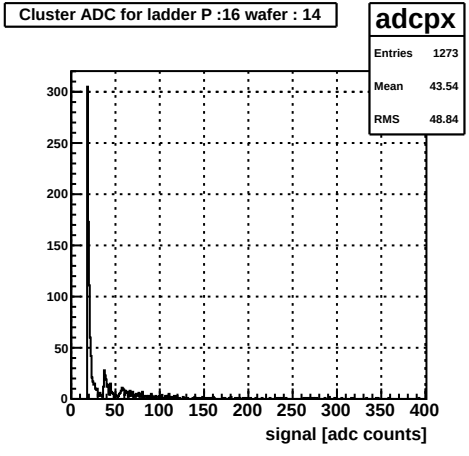

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2049
Mean 30.26
RMS 34.93
signal [adc counts]

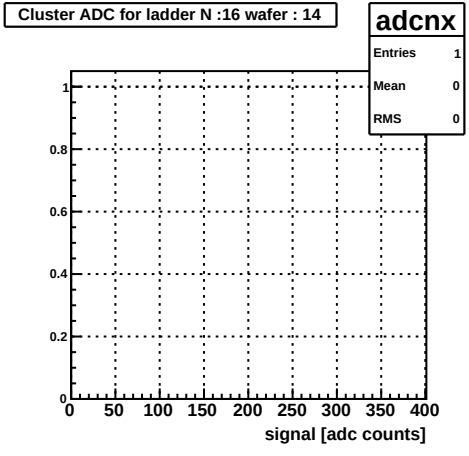

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

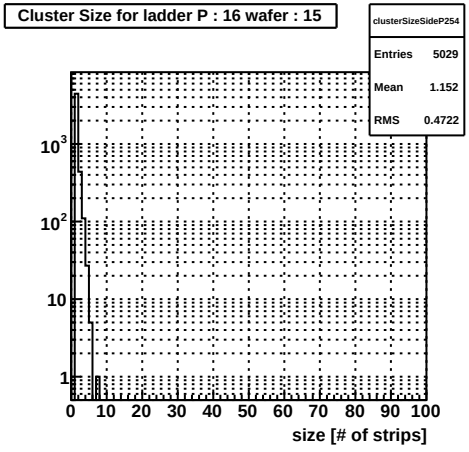

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1273
Mean 1.333
RMS 0.7006
size [# of strips]

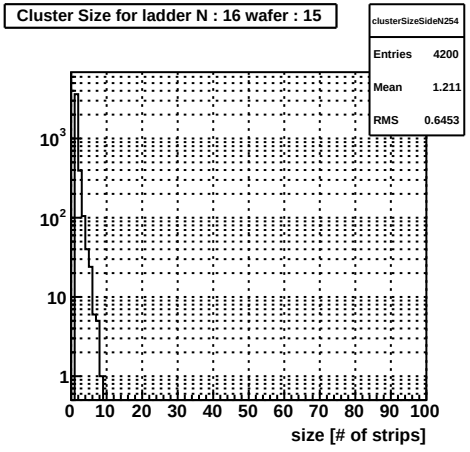

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

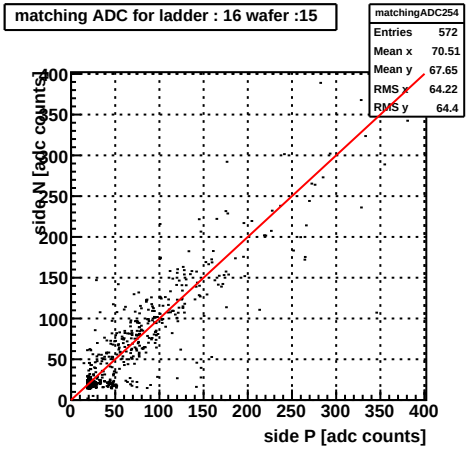

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

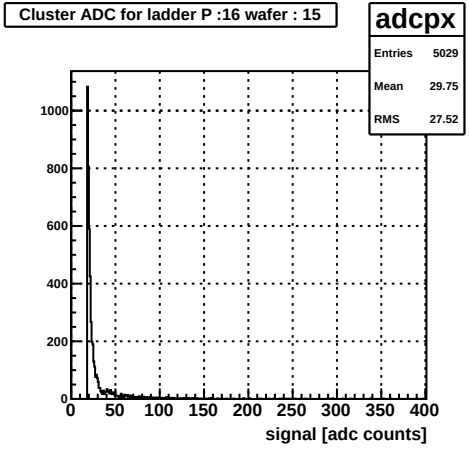

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1273
Mean 43.54
RMS 48.84
signal [adc counts]

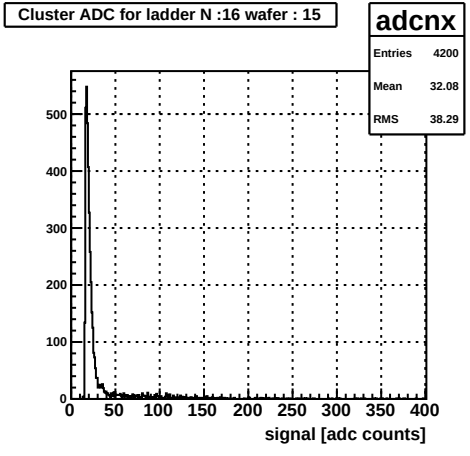

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

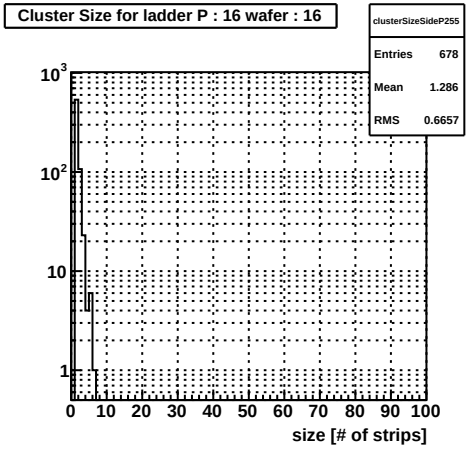

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5029
Mean 1.152
RMS 0.4722
size [# of strips]

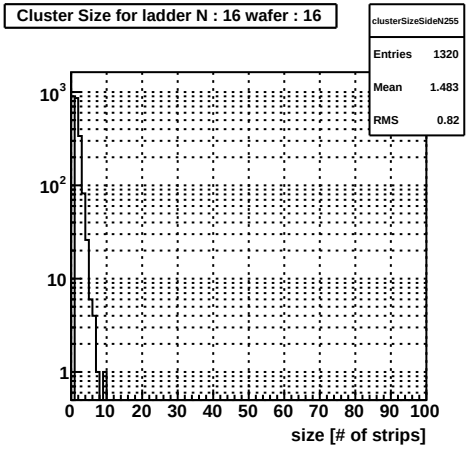

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4200
Mean 1.211
RMS 0.6453
size [# of strips]

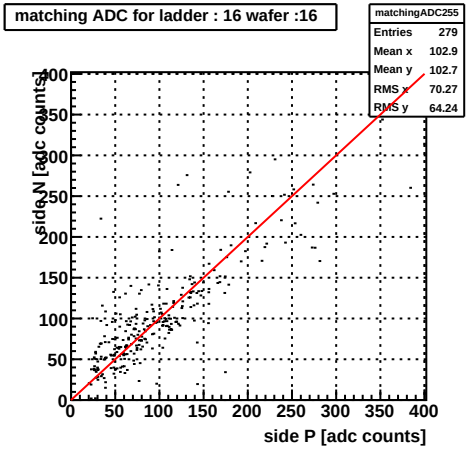

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 572
Mean x 70.51
Mean y 67.65
RMS x 64.22
RMS y 64.4
side N [adc counts]
side P [adc counts]

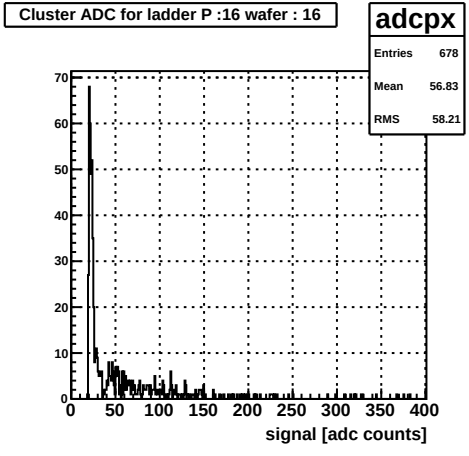

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5029
Mean 29.75
RMS 27.52
signal [adc counts]

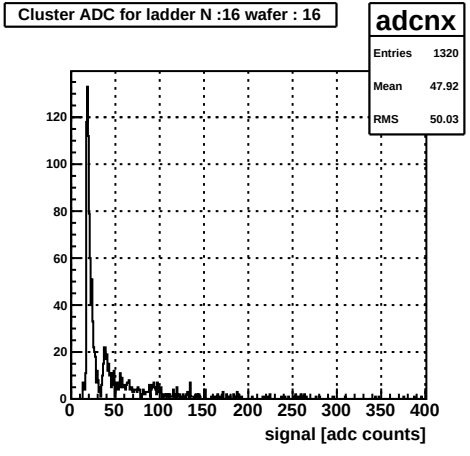

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4200
Mean 32.08
RMS 38.29
signal [adc counts]

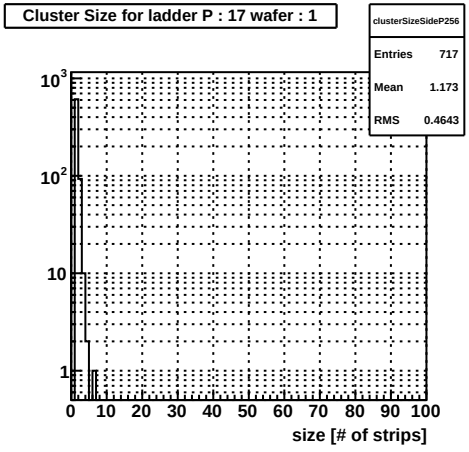

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 678
Mean 1.286
RMS 0.6657
size [# of strips]

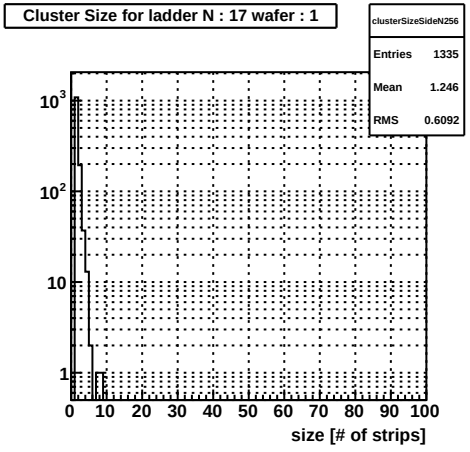

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1320
Mean 1.483
RMS 0.82
size [# of strips]

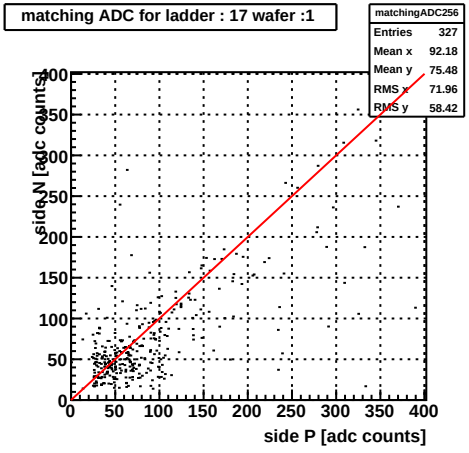

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 279
Mean x 102.9
Mean y 102.7
RMS x 70.27
RMS y 64.24
side N [adc counts]
side P [adc counts]

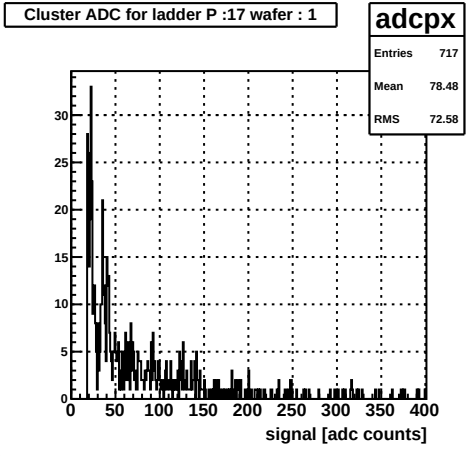

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 678
Mean 56.83
RMS 58.21
signal [adc counts]

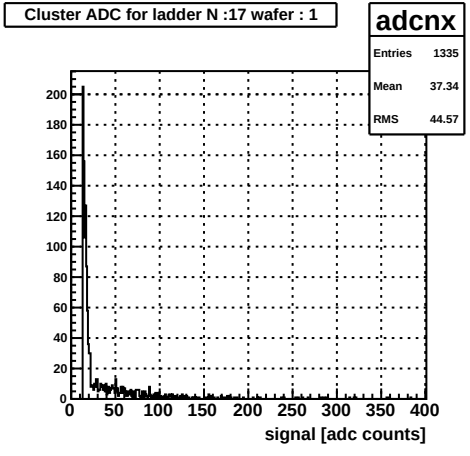

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1320
Mean 47.92
RMS 50.03
signal [adc counts]

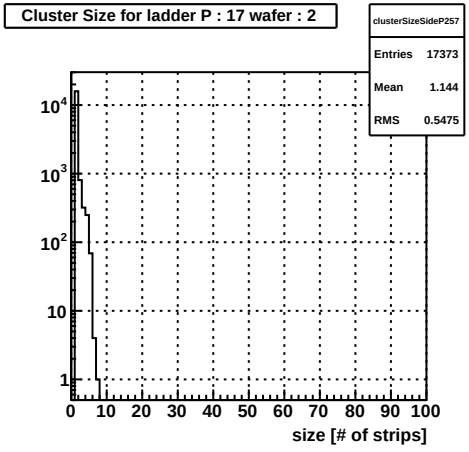

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 717
Mean 1.173
RMS 0.4643
size [# of strips]

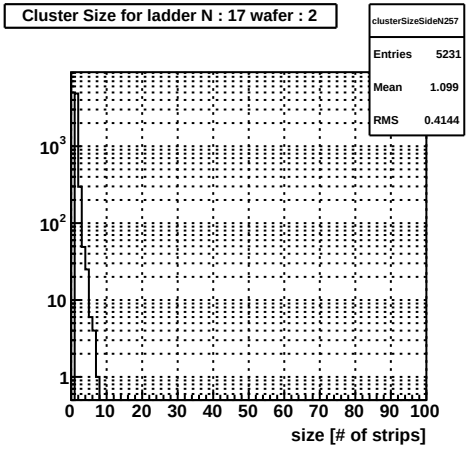

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1335
Mean 1.246
RMS 0.6092
size [# of strips]

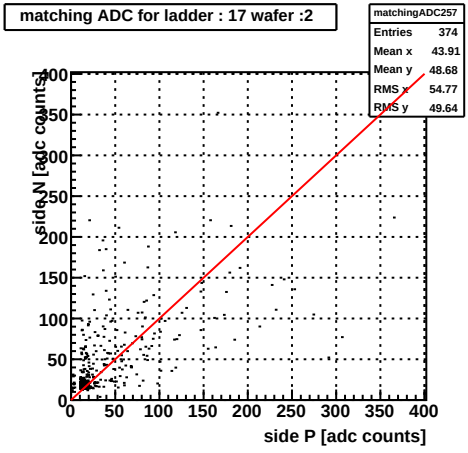

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 327
Mean x 92.18
Mean y 75.48
RMS x 71.96
RMS y 58.42
side N [adc counts]
side P [adc counts]

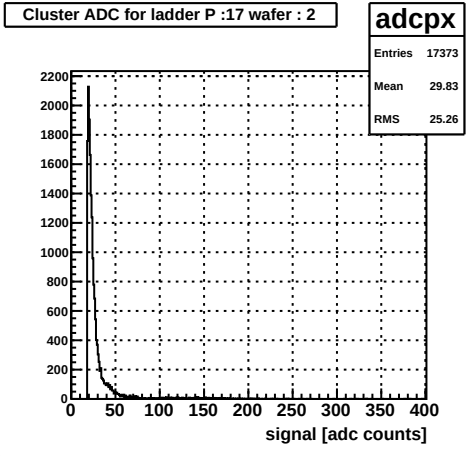

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 717
Mean 78.48
RMS 72.58
signal [adc counts]

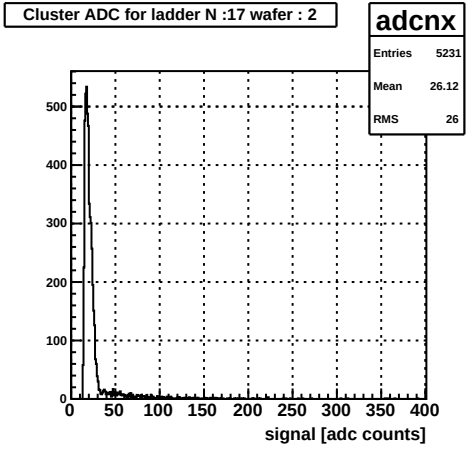

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1335
Mean 37.34
RMS 44.57
signal [adc counts]

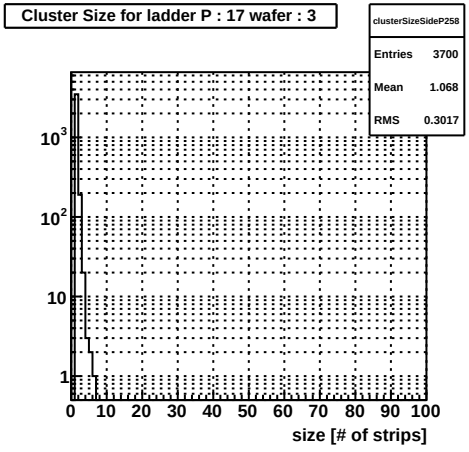

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 17373
Mean 1.144
RMS 0.5475
size [# of strips]

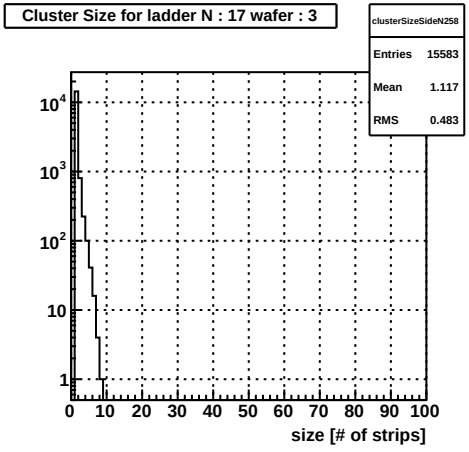

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5231
Mean 1.099
RMS 0.4144
size [# of strips]

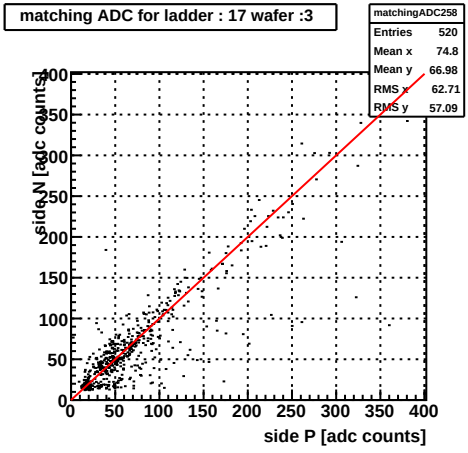

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 374
Mean x 43.91
Mean y 48.68
RMS x 54.77
RMS y 49.64
side N [adc counts]
side P [adc counts]

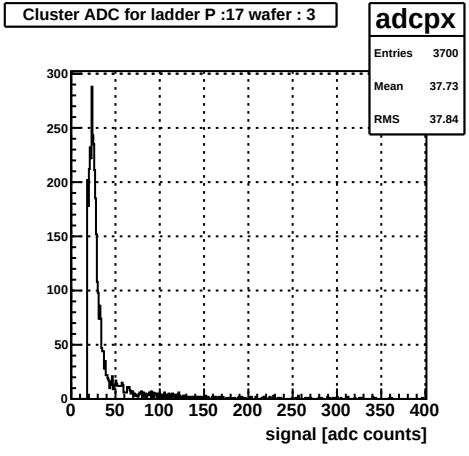

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 17373
Mean 29.83
RMS 25.26
signal [adc counts]

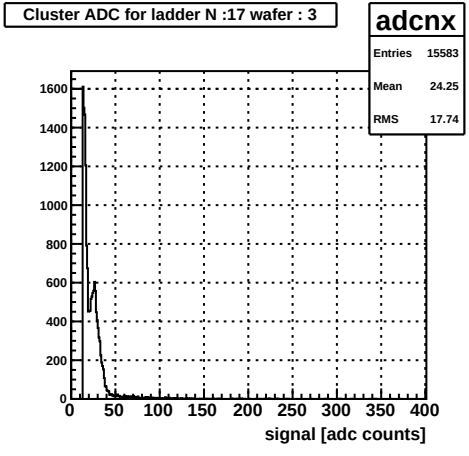

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5231
Mean 26.12
RMS 26
signal [adc counts]

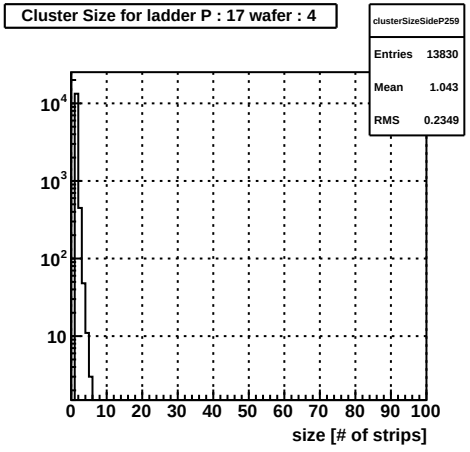

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3700
Mean 1.068
RMS 0.3017
size [# of strips]

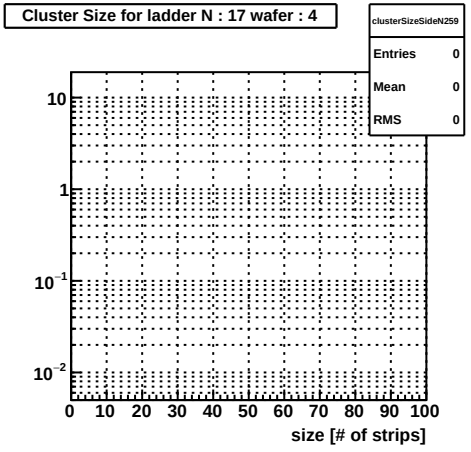

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15583
Mean 1.117
RMS 0.483
size [# of strips]

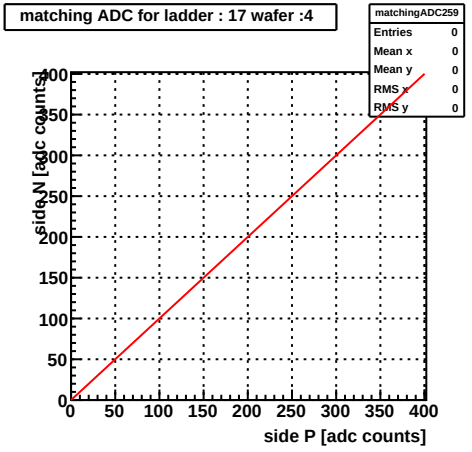

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 520
Mean x 74.8
Mean y 66.98
RMS x 62.71
RMS y 57.09
side N [adc counts]
side P [adc counts]

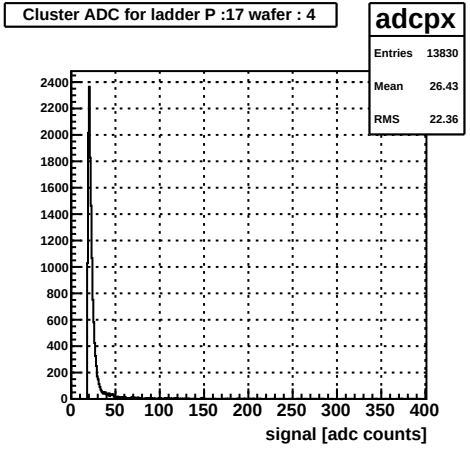

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3700
Mean 37.73
RMS 37.84
signal [adc counts]

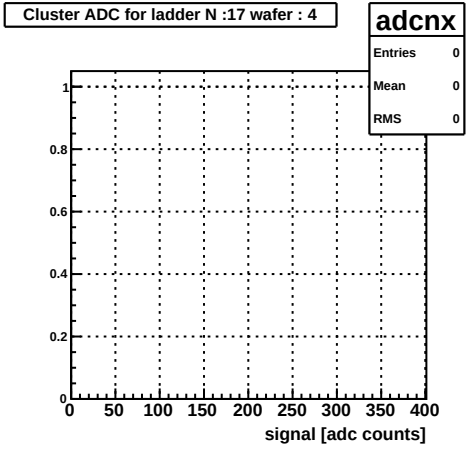

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15583
Mean 24.25
RMS 17.74
signal [adc counts]

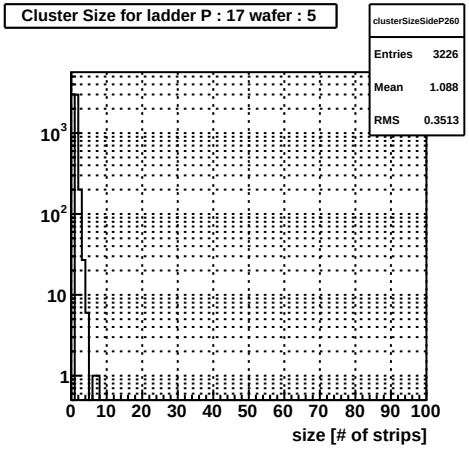

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 13830
Mean 1.043
RMS 0.2349
size [# of strips]

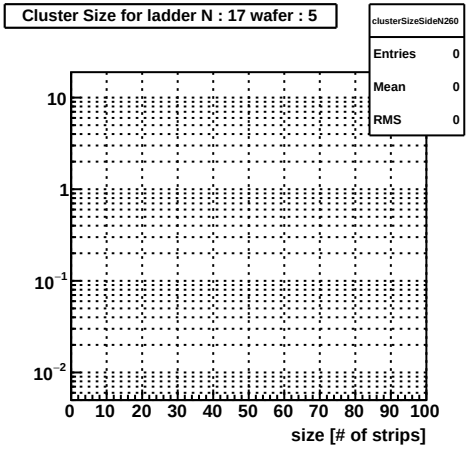

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

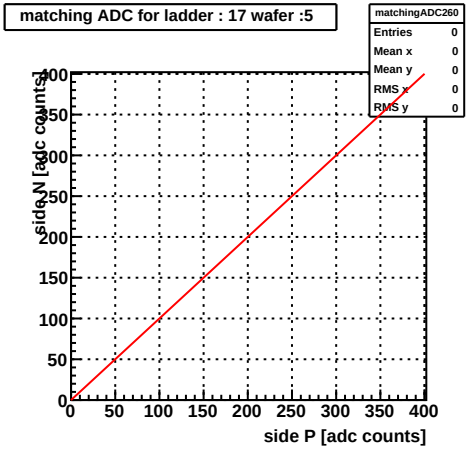

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

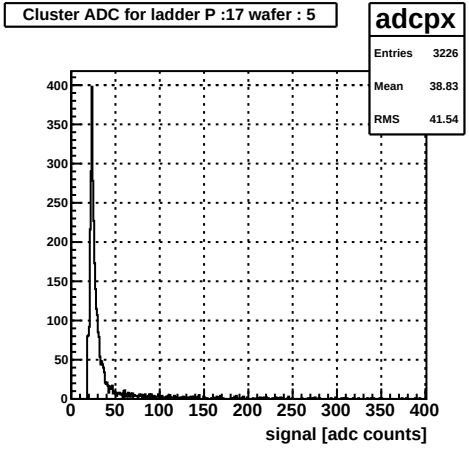

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 13830
Mean 26.43
RMS 22.36
signal [adc counts]

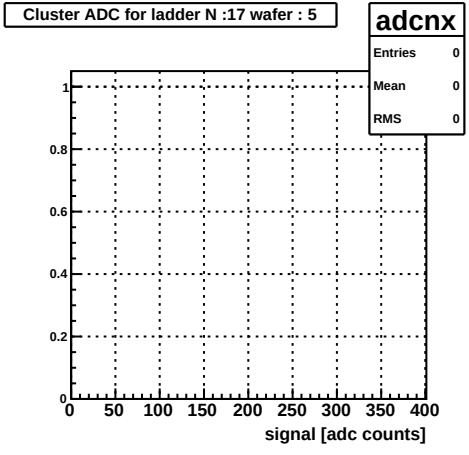

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

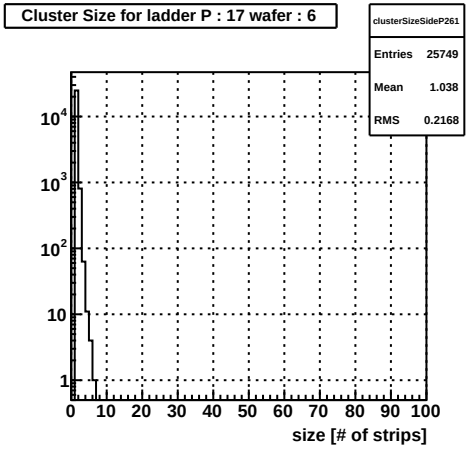

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3226
Mean 1.088
RMS 0.3513
size [# of strips]

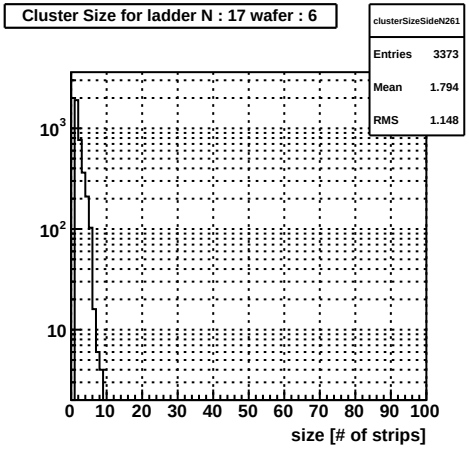

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

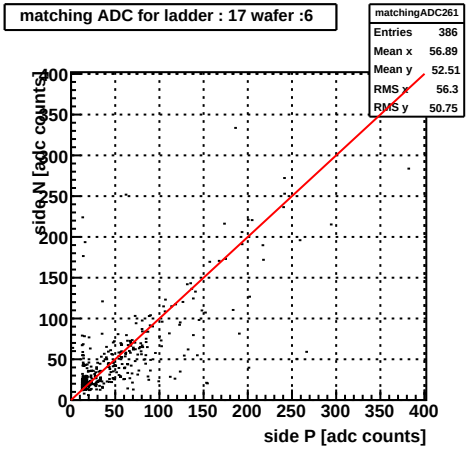

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

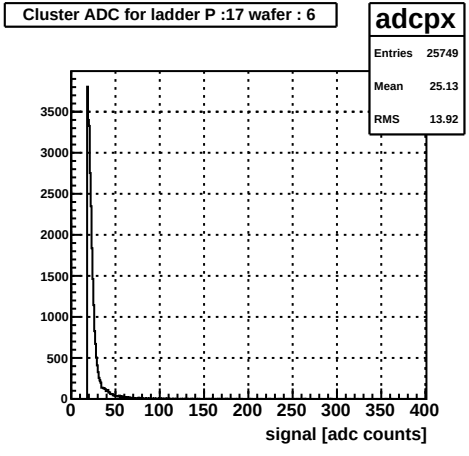

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3226
Mean 38.83
RMS 41.54
signal [adc counts]

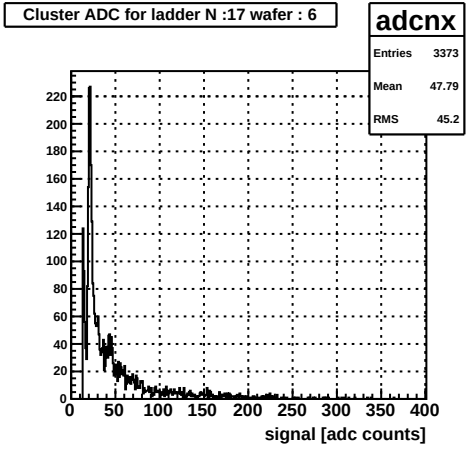

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

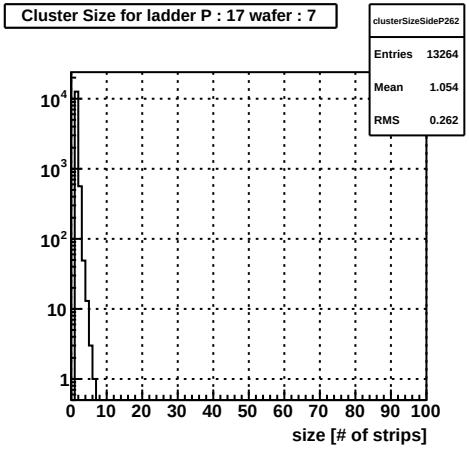

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 25749
Mean 1.038
RMS 0.2168
size [# of strips]

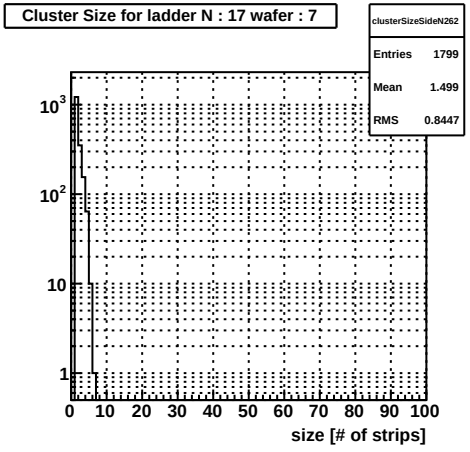

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3373
Mean 1.794
RMS 1.148
size [# of strips]

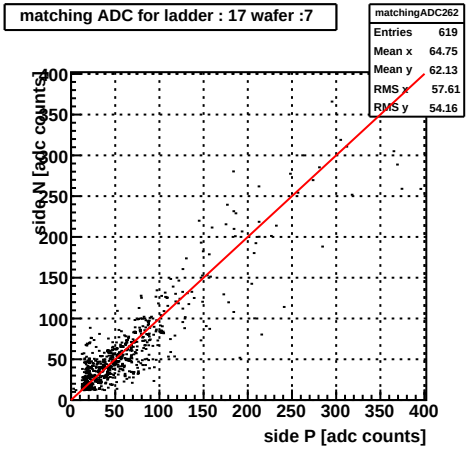

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 386
Mean x 56.89
Mean y 52.51
RMS x 56.3
RMS y 50.75
side N [adc counts]
side P [adc counts]

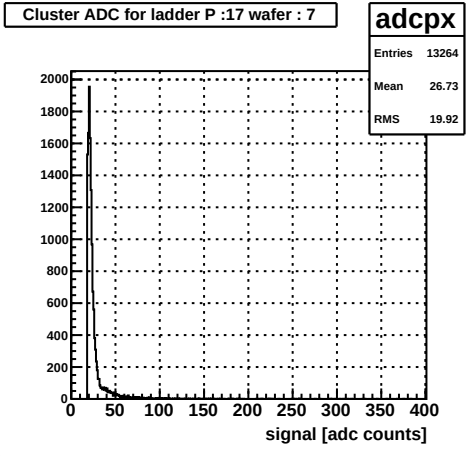

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 25749
Mean 25.13
RMS 13.92
signal [adc counts]

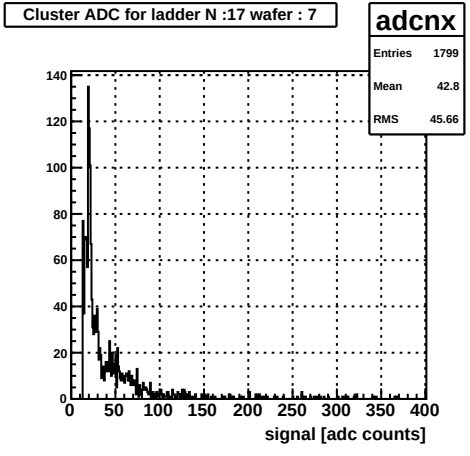

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3373
Mean 47.79
RMS 45.2
signal [adc counts]

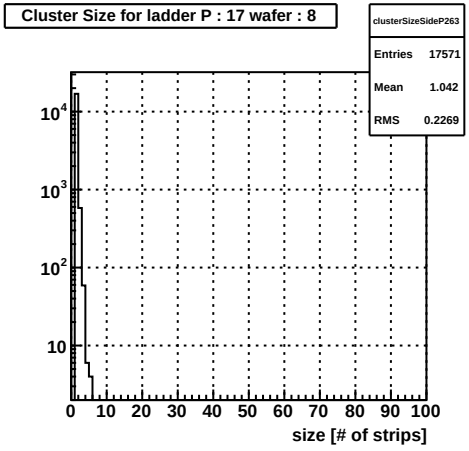

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 13264
Mean 1.054
RMS 0.262
size [# of strips]

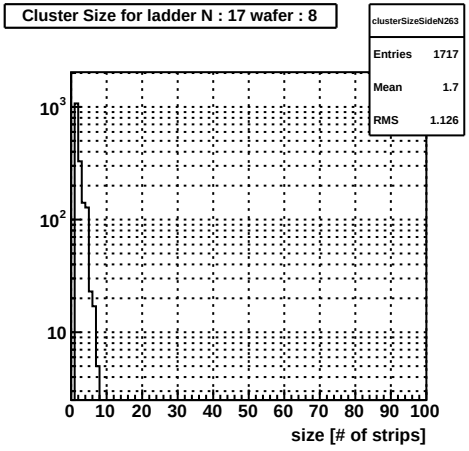

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1799
Mean 1.499
RMS 0.8447
size [# of strips]

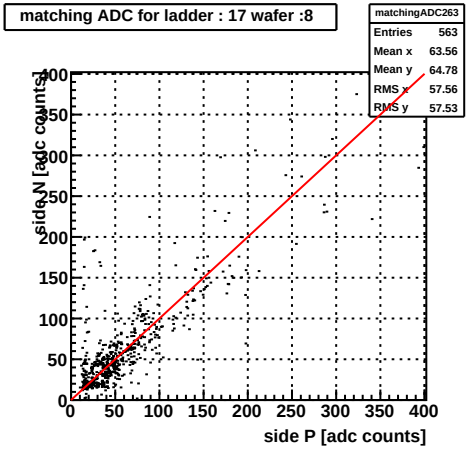

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 619
Mean x 64.75
Mean y 62.13
RMS x 57.61
RMS y 54.16
side N [adc counts]
side P [adc counts]

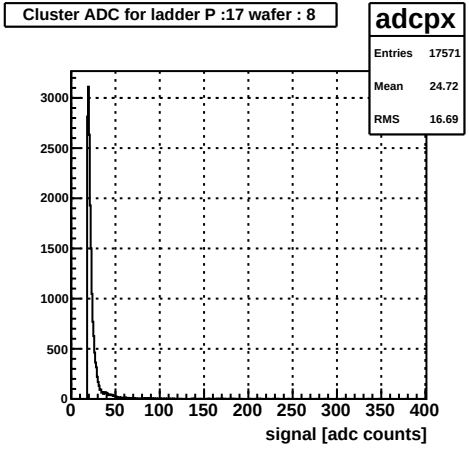

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 13264
Mean 26.73
RMS 19.92
signal [adc counts]

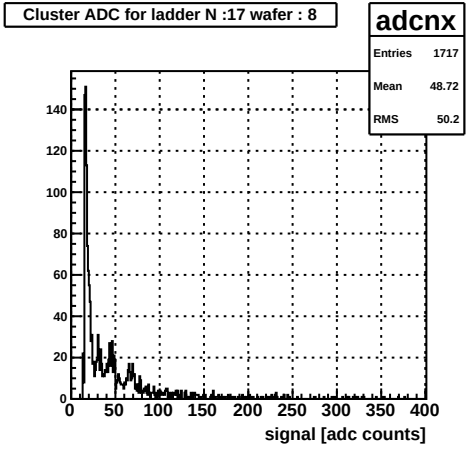

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1799
Mean 42.8
RMS 45.66
signal [adc counts]

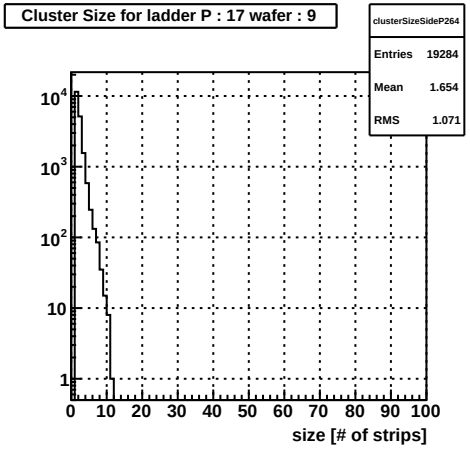

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 17571
Mean 1.042
RMS 0.2269
size [# of strips]

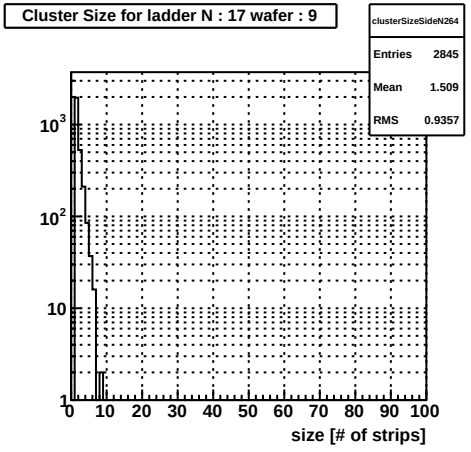

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1717
Mean 1.7
RMS 1.126
size [# of strips]

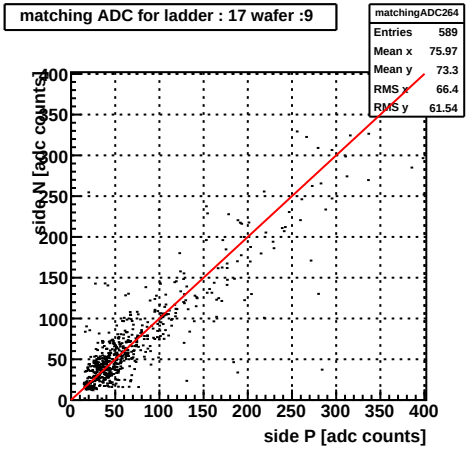

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 563
Mean x 63.56
Mean y 64.78
RMS x 57.56
RMS y 57.53
side N [adc counts]
side P [adc counts]

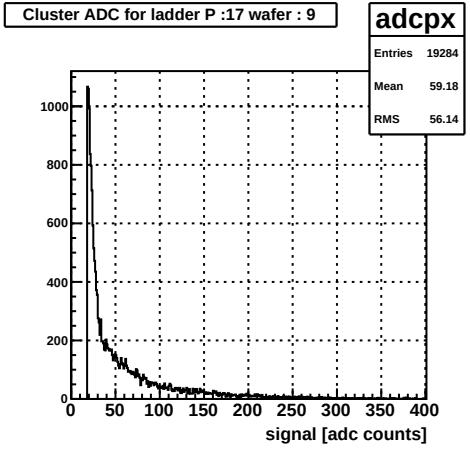

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 17571
Mean 24.72
RMS 16.69
signal [adc counts]

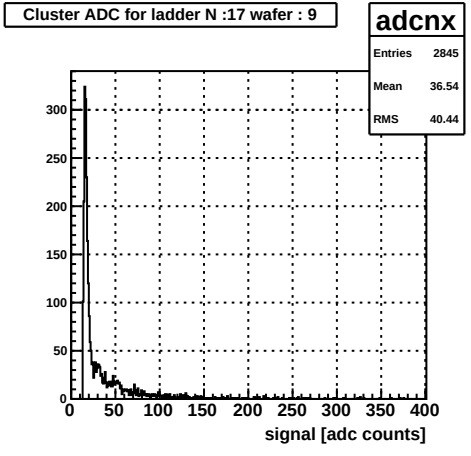

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1717
Mean 48.72
RMS 50.2
signal [adc counts]

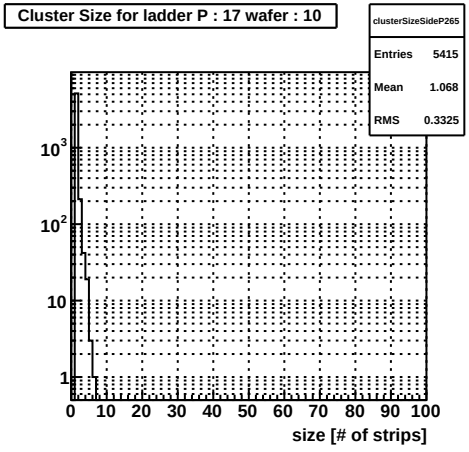

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19284
Mean 1.654
RMS 1.071
size [# of strips]

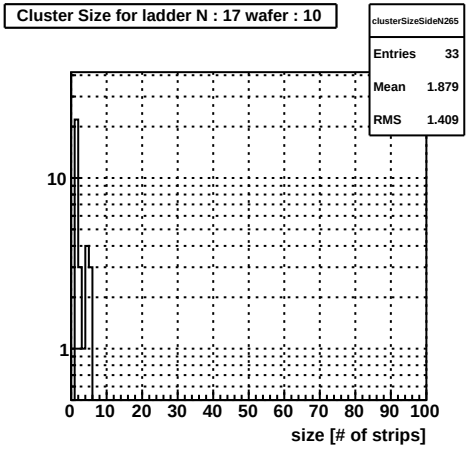

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2845
Mean 1.509
RMS 0.9357
size [# of strips]

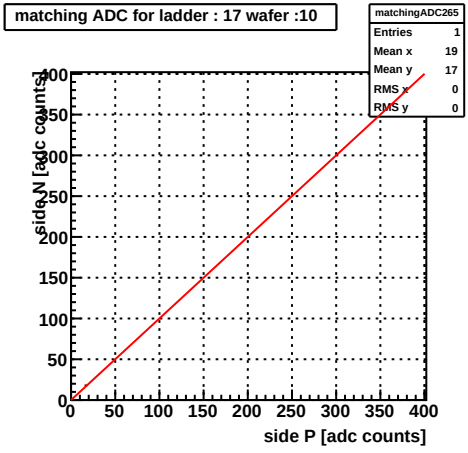

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 589
Mean x 75.97
Mean y 73.3
RMS x 66.4
RMS y 61.54
side N [adc counts]
side P [adc counts]

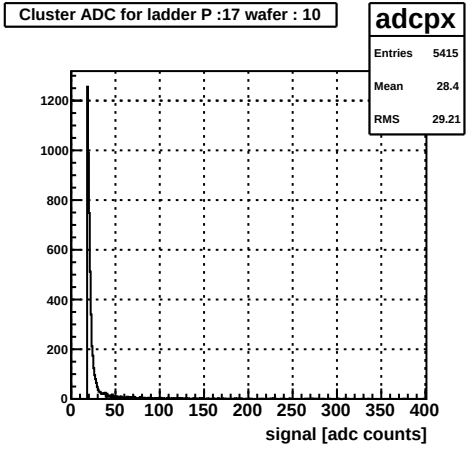

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19284
Mean 59.18
RMS 56.14
signal [adc counts]

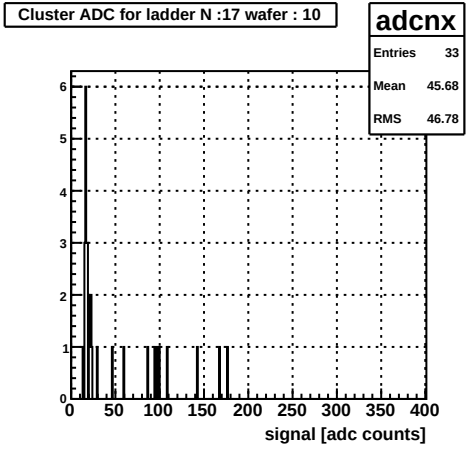

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2845
Mean 36.54
RMS 40.44
signal [adc counts]

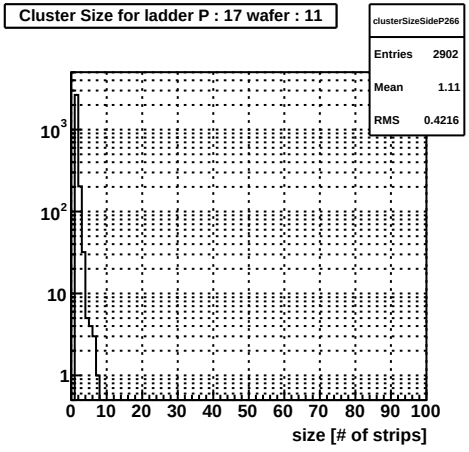

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5415
Mean 1.068
RMS 0.3325
size [# of strips]

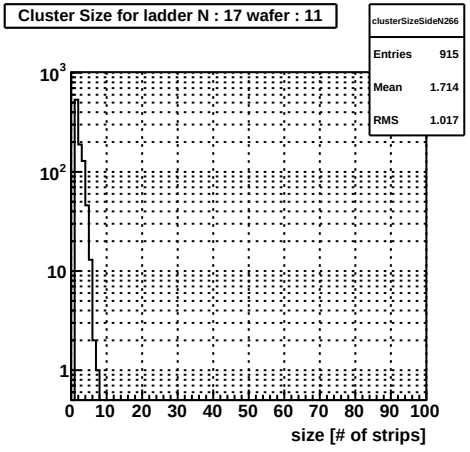

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 33
Mean 1.879
RMS 1.409
size [# of strips]

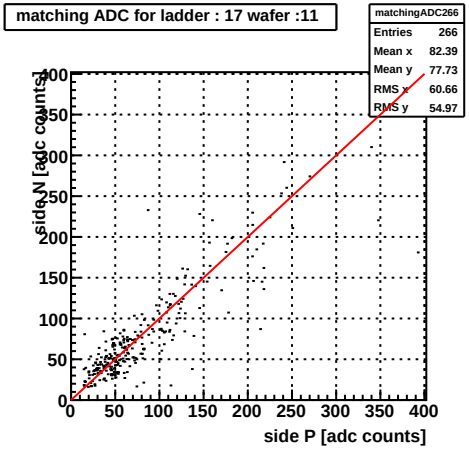

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

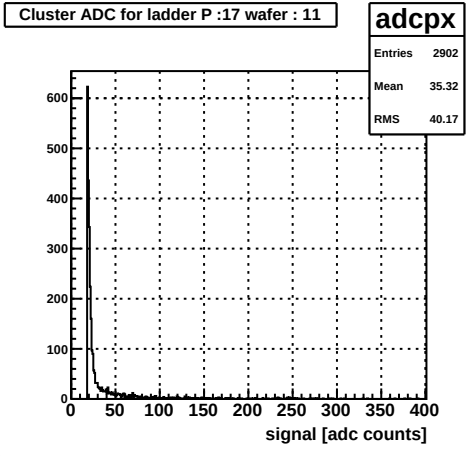

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5415
Mean 28.4
RMS 29.21
signal [adc counts]

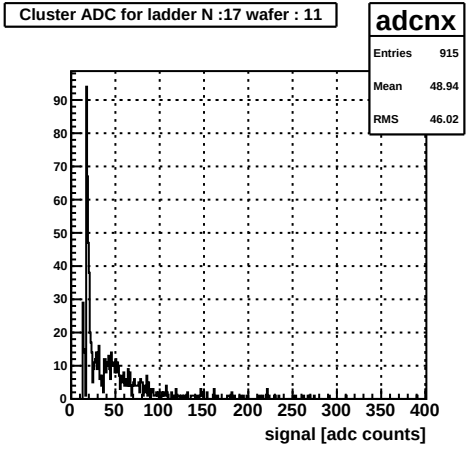

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 33
Mean 45.68
RMS 46.78
signal [adc counts]

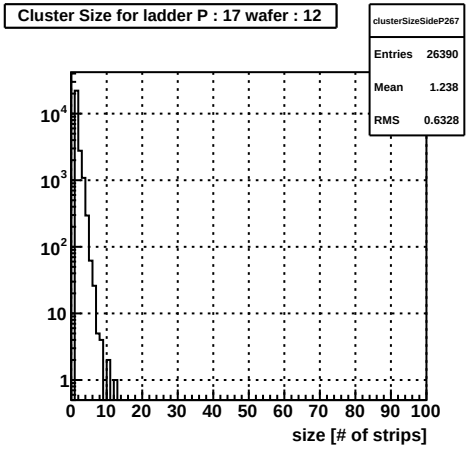

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2902
Mean 1.11
RMS 0.4216
size [# of strips]

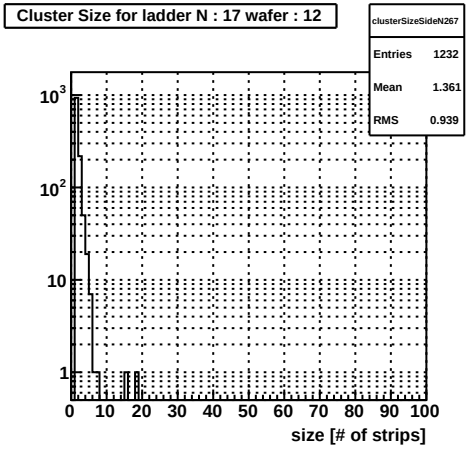

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 915
Mean 1.714
RMS 1.017
size [# of strips]

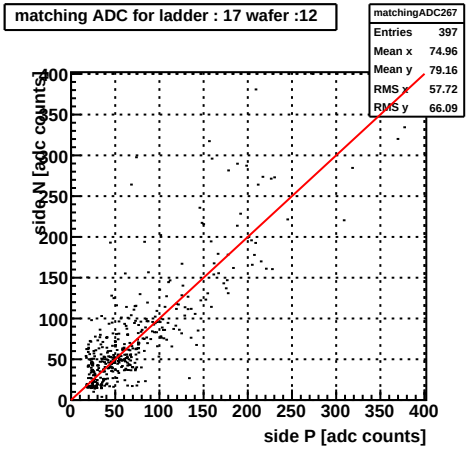

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 266
Mean x 82.39
Mean y 77.73
RMS x 60.66
RMS y 54.97
side N [adc counts]
side P [adc counts]

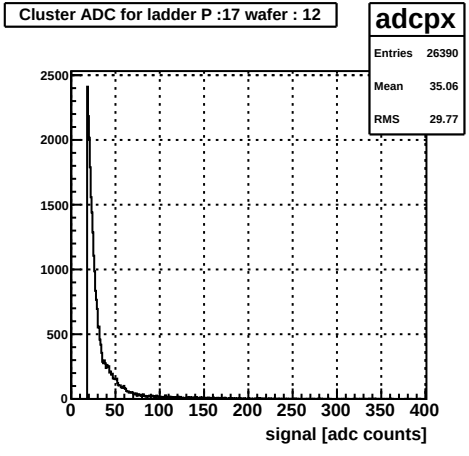

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2902
Mean 35.32
RMS 40.17
signal [adc counts]

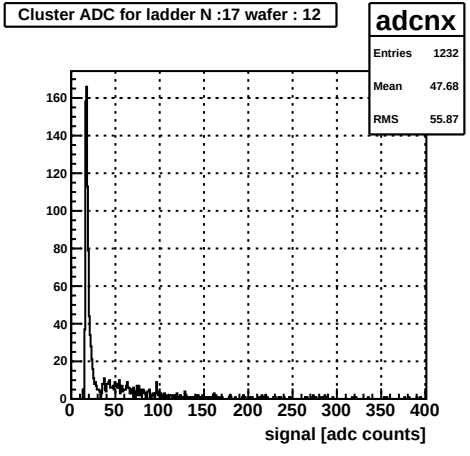

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 915
Mean 48.94
RMS 46.02
signal [adc counts]

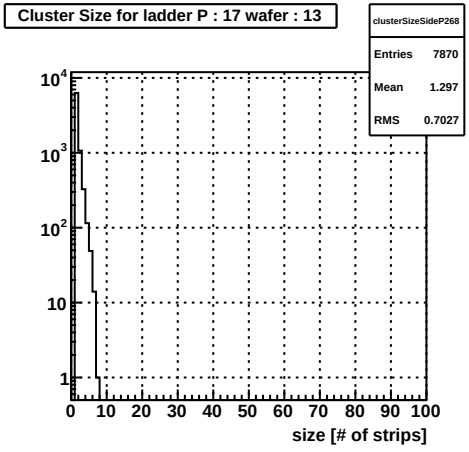

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 26390
Mean 1.238
RMS 0.6328
size [# of strips]

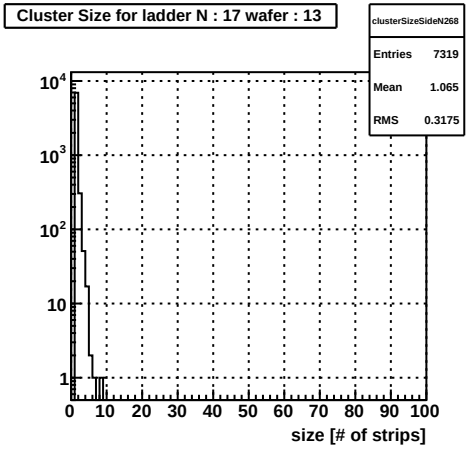

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1232
Mean 1.361
RMS 0.939
size [# of strips]

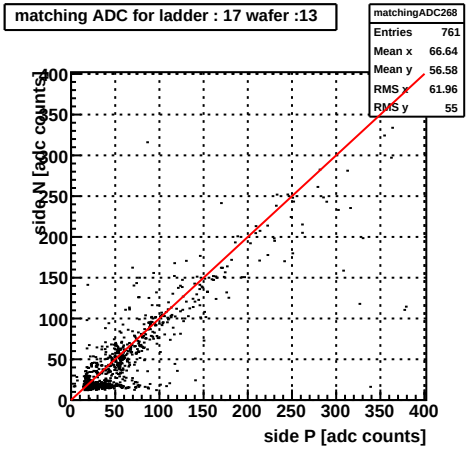

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 397
Mean x 74.96
Mean y 79.16
RMS x 57.72
RMS y 66.09
side N [adc counts]
side P [adc counts]

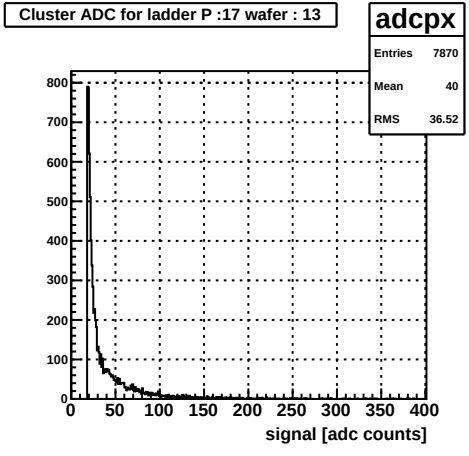

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 26390
Mean 35.06
RMS 29.77
signal [adc counts]

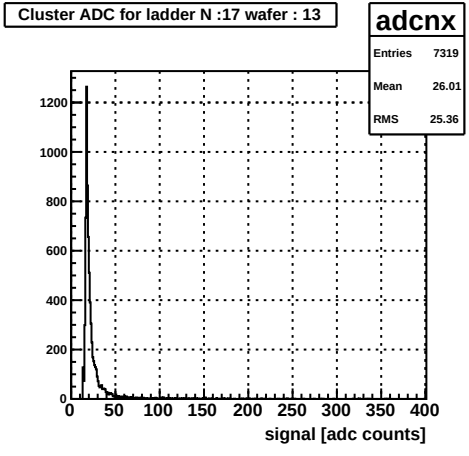

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1232
Mean 47.68
RMS 55.87
signal [adc counts]

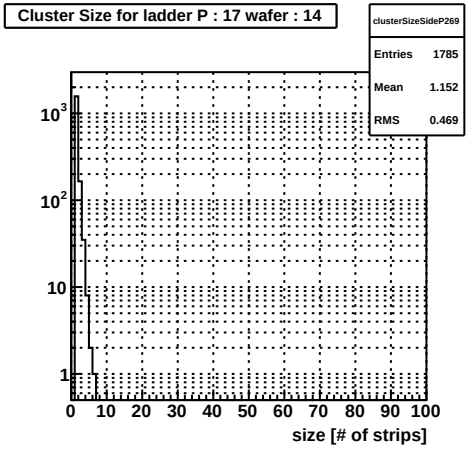

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7870
Mean 1.297
RMS 0.7027
size [# of strips]

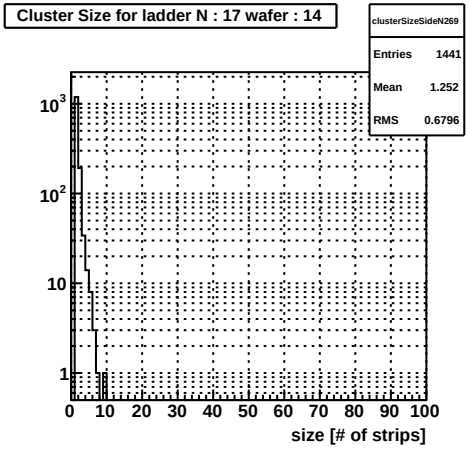

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7319
Mean 1.065
RMS 0.3175
size [# of strips]

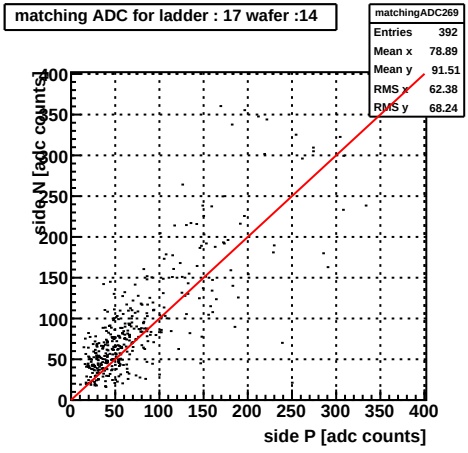

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 761
Mean x 66.64
Mean y 56.58
RMS x 61.96
RMS y 55
side N [adc counts]
side P [adc counts]

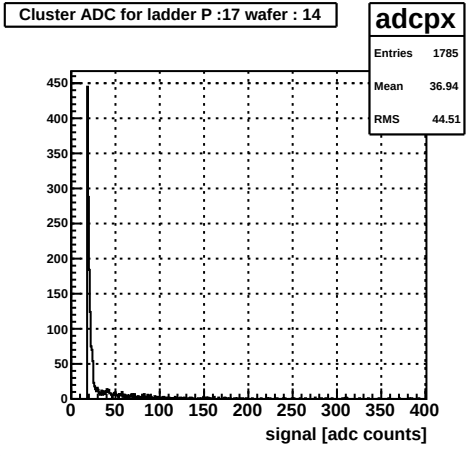

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7870
Mean 40
RMS 36.52
signal [adc counts]

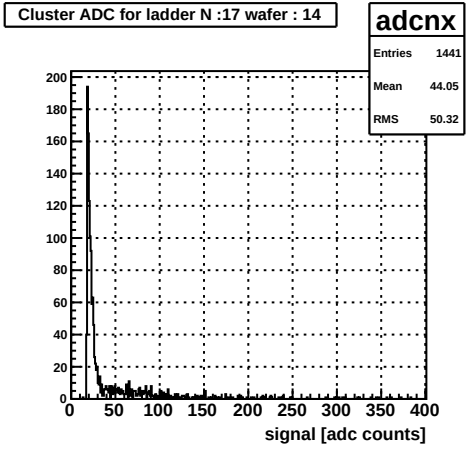

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7319
Mean 26.01
RMS 25.36
signal [adc counts]

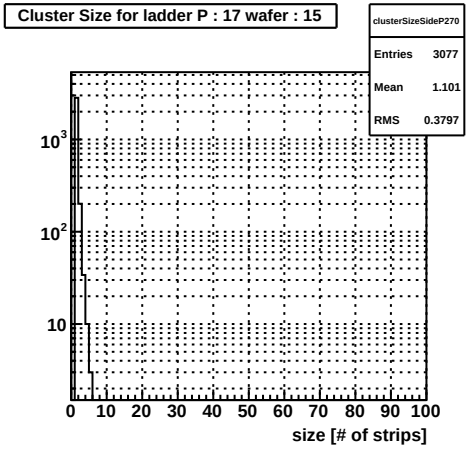

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1785
Mean 1.152
RMS 0.469
size [# of strips]

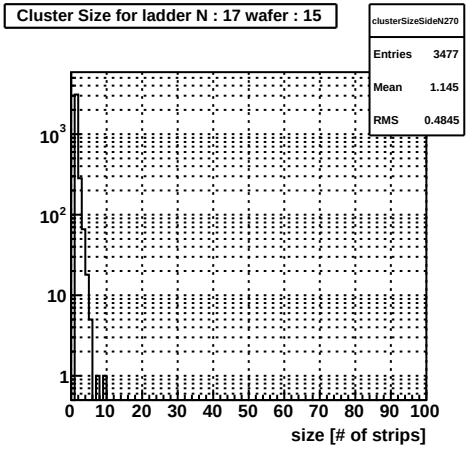

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1441
Mean 1.252
RMS 0.6796
size [# of strips]

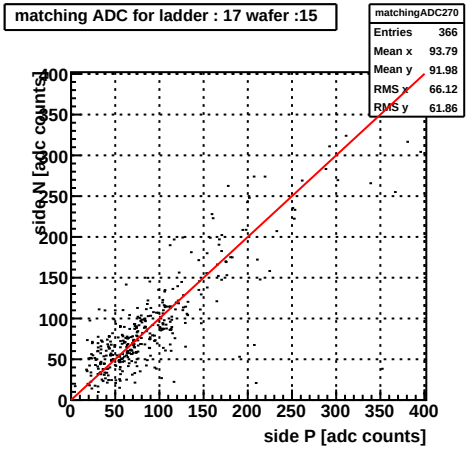

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 392
Mean x 78.89
Mean y 91.51
RMS x 62.38
RMS y 68.24
side N [adc counts]
side P [adc counts]

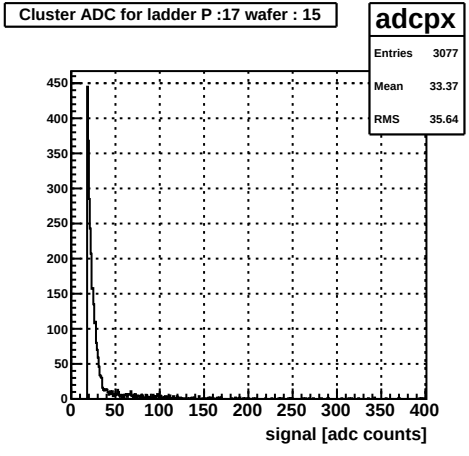

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1785
Mean 36.94
RMS 44.51
signal [adc counts]

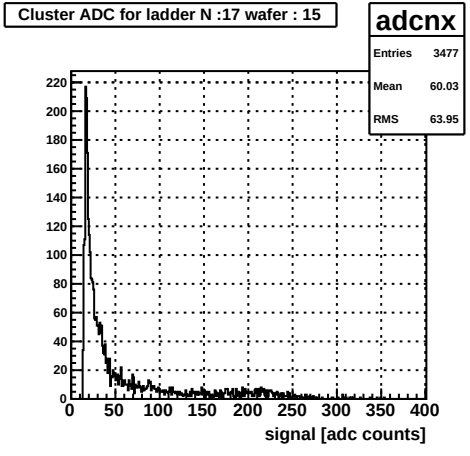

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1441
Mean 44.05
RMS 50.32
signal [adc counts]

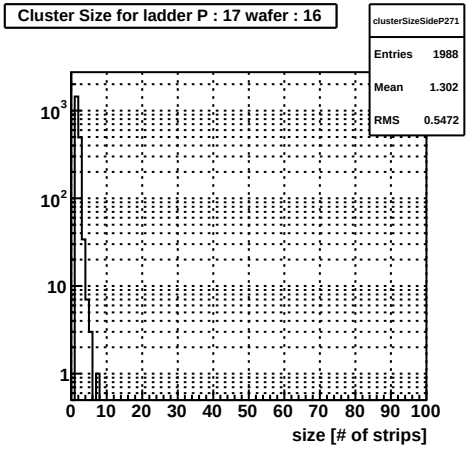

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3077
Mean 1.101
RMS 0.3797
size [# of strips]

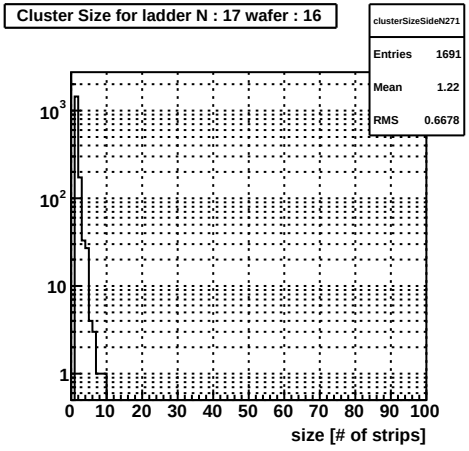

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3477
Mean 1.145
RMS 0.4845
size [# of strips]

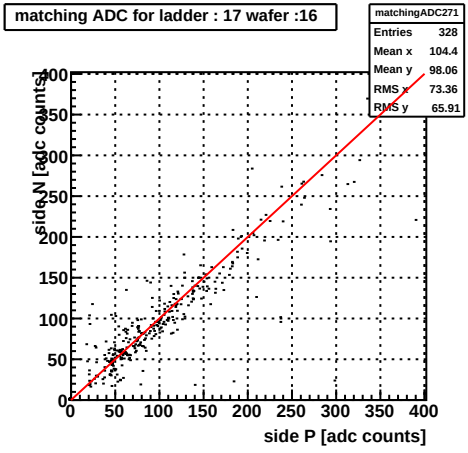

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 366
Mean x 93.79
Mean y 91.98
RMS x 66.12
RMS y 61.86
side N [adc counts]
side P [adc counts]

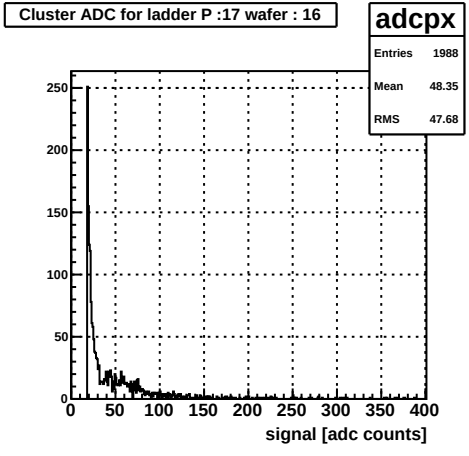

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3077
Mean 33.37
RMS 35.64
signal [adc counts]

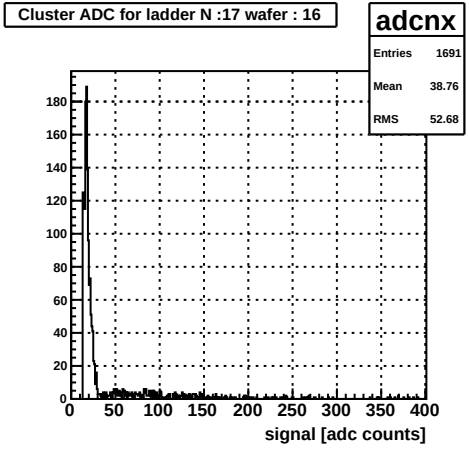

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3477
Mean 60.03
RMS 63.95
signal [adc counts]

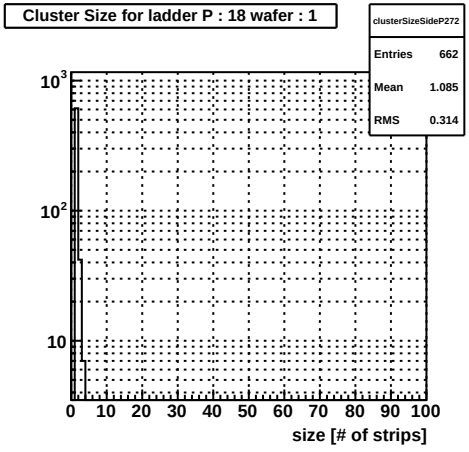

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1988
Mean 1.302
RMS 0.5472
size [# of strips]

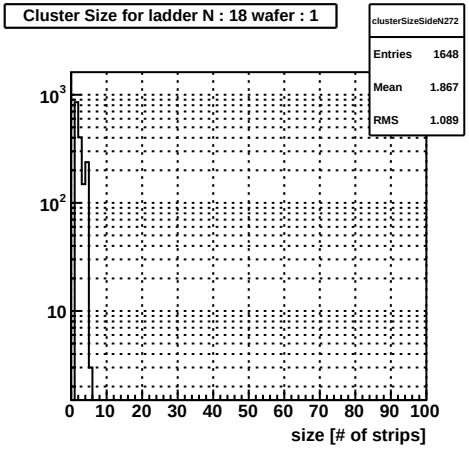

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1691
Mean 1.22
RMS 0.6678
size [# of strips]

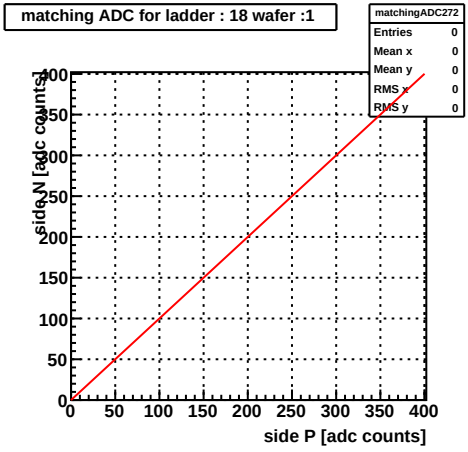

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 328
Mean x 104.4
Mean y 98.06
RMS x 73.36
RMS y 65.91
side N [adc counts]
side P [adc counts]

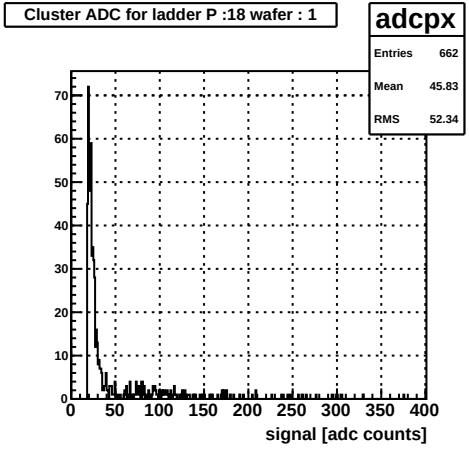

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1988
Mean 48.35
RMS 47.68
signal [adc counts]

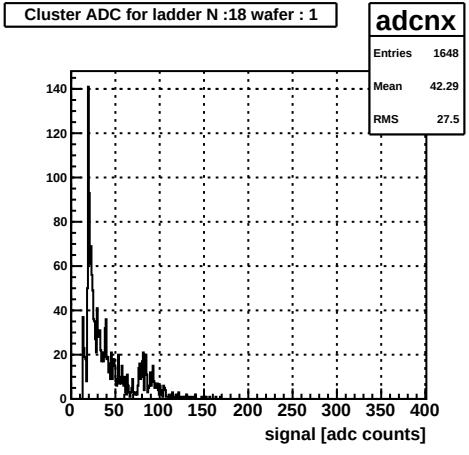

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1691
Mean 38.76
RMS 52.68
signal [adc counts]

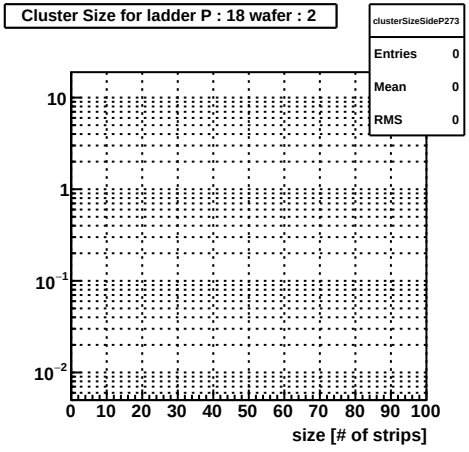

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 662
Mean 1.085
RMS 0.314
size [# of strips]

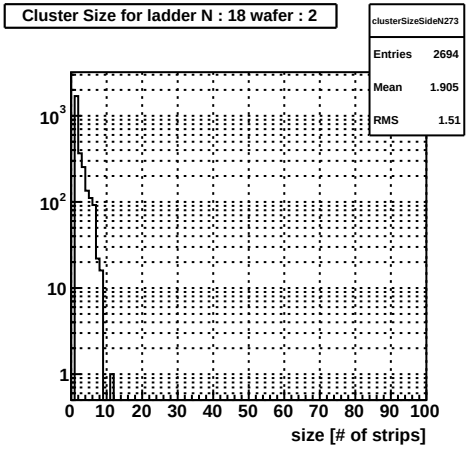

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1648
Mean 1.867
RMS 1.089
size [# of strips]

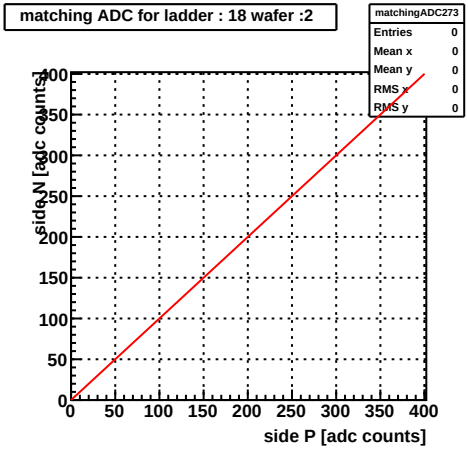

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

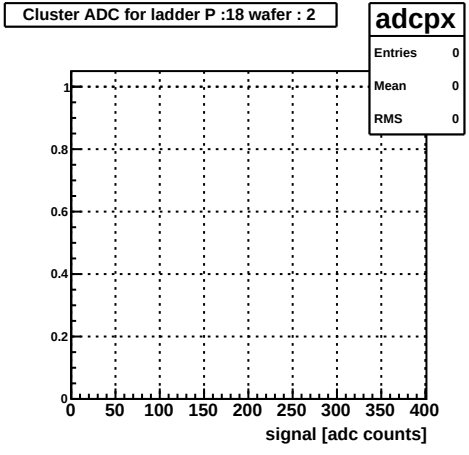

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 662
Mean 45.83
RMS 52.34
signal [adc counts]

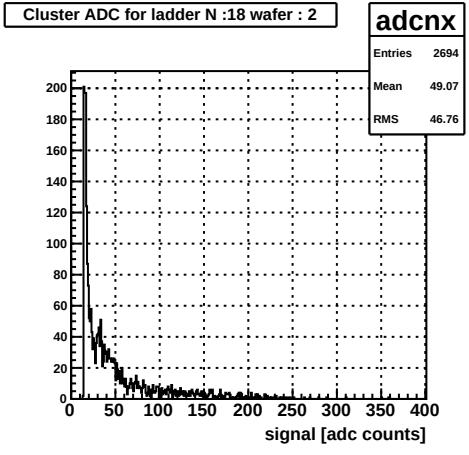

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1648
Mean 42.29
RMS 27.5
signal [adc counts]

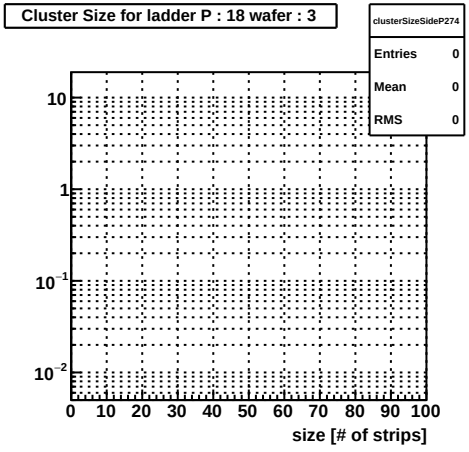

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

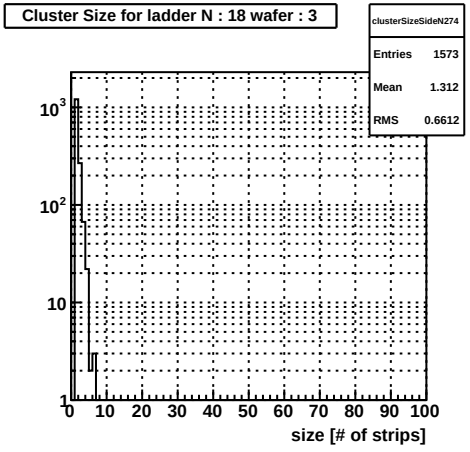

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2694
Mean 1.905
RMS 1.51
size [# of strips]

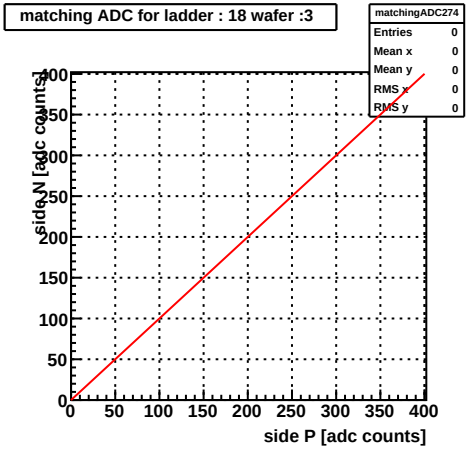

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

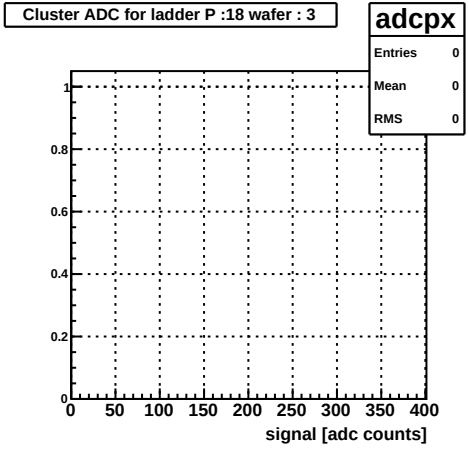

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

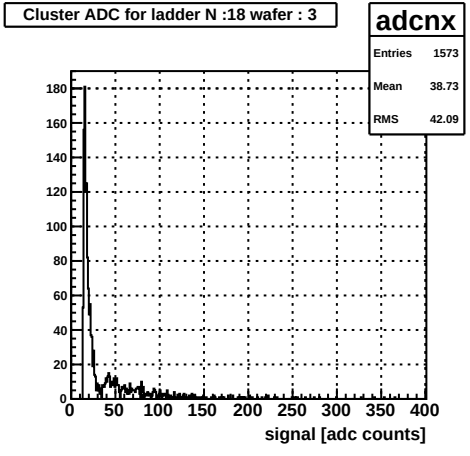

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2694
Mean 49.07
RMS 46.76
signal [adc counts]

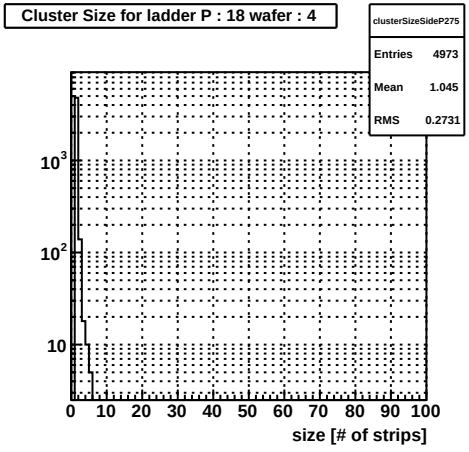

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

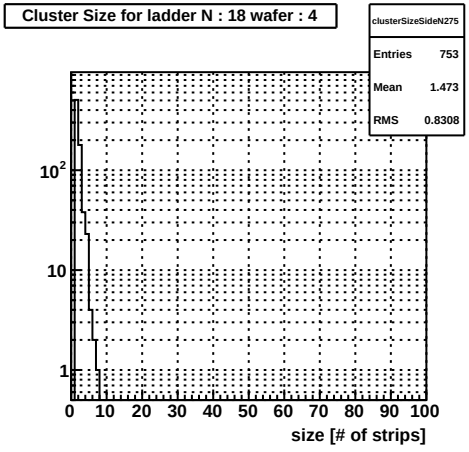

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1573
Mean 1.312
RMS 0.6612
size [# of strips]

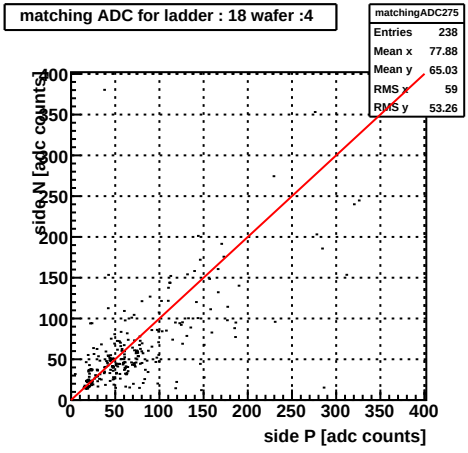

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

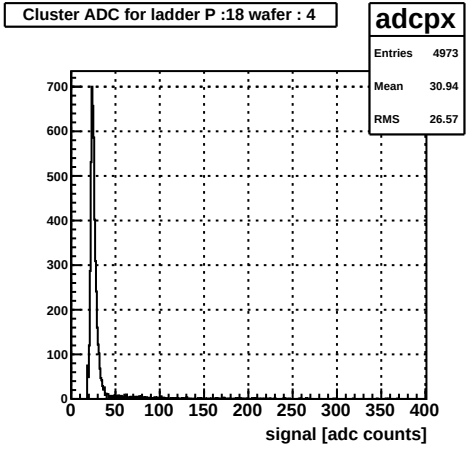

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

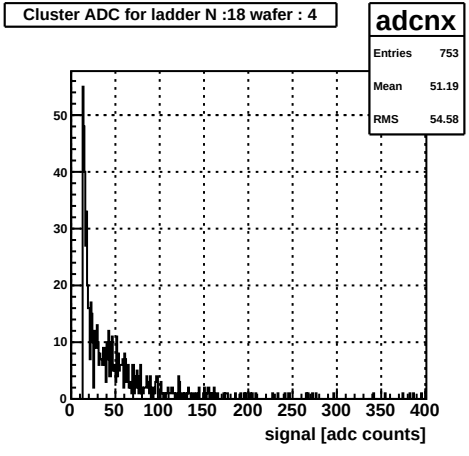

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1573
Mean 38.73
RMS 42.09
signal [adc counts]

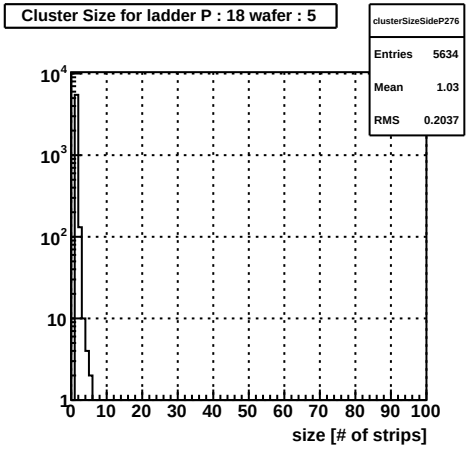

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4973
Mean 1.045
RMS 0.2731
size [# of strips]

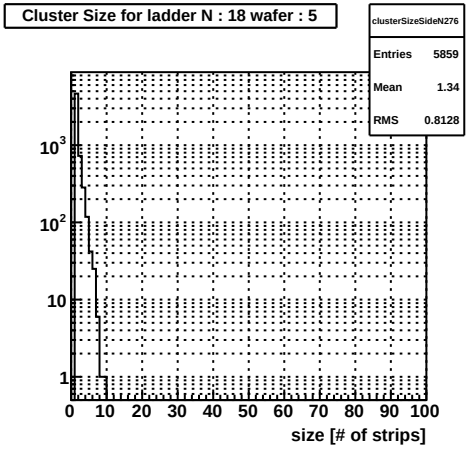

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 753
Mean 1.473
RMS 0.8308
size [# of strips]

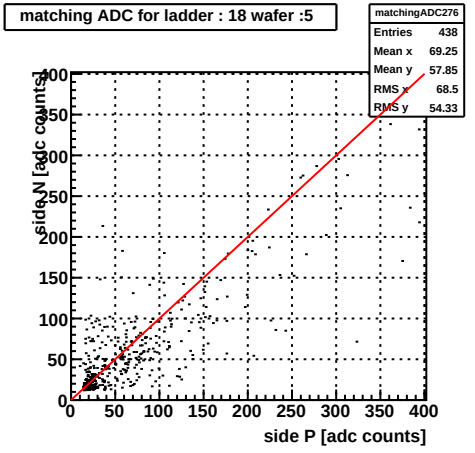

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 238
Mean x 77.88
Mean y 65.03
RMS x 59
RMS y 53.26
side N [adc counts]
side P [adc counts]

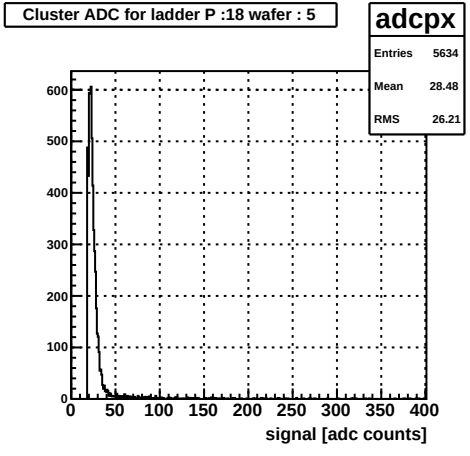

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4973
Mean 30.94
RMS 26.57
signal [adc counts]

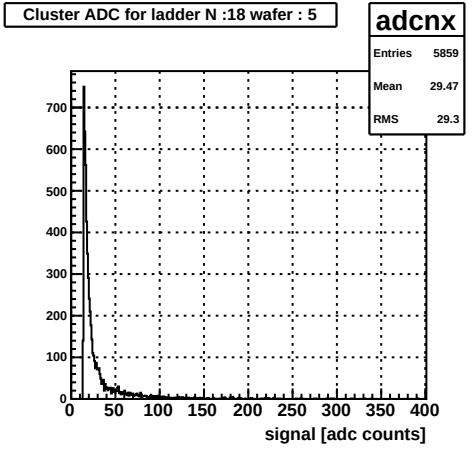

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 753
Mean 51.19
RMS 54.58
signal [adc counts]

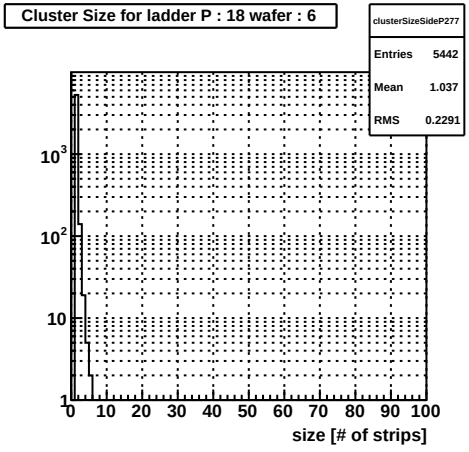

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 5634
Mean 1.03
RMS 0.2037
size [# of strips]

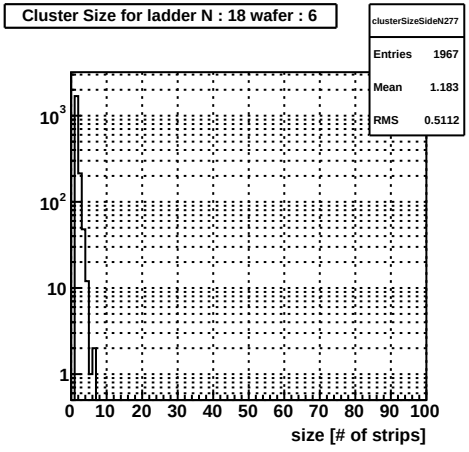

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5859
Mean 1.34
RMS 0.8128
size [# of strips]

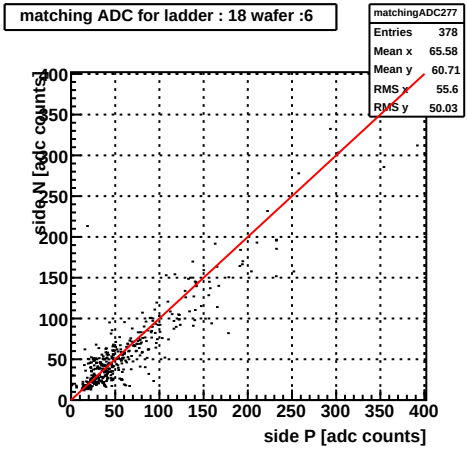

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 438
Mean x 69.25
Mean y 57.85
RMS x 68.5
RMS y 54.33
side N [adc counts]
side P [adc counts]

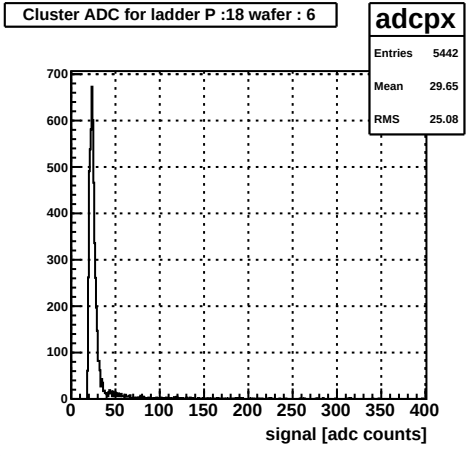

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 5634
Mean 28.48
RMS 26.21
signal [adc counts]

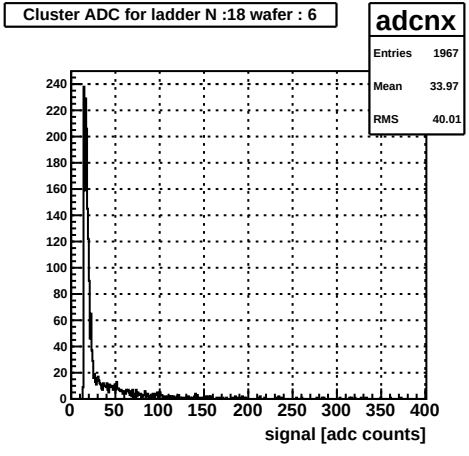

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5859
Mean 29.47
RMS 29.3
signal [adc counts]

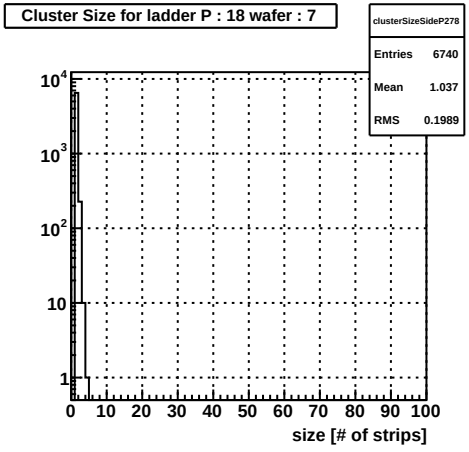

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5442
Mean 1.037
RMS 0.2291
size [# of strips]

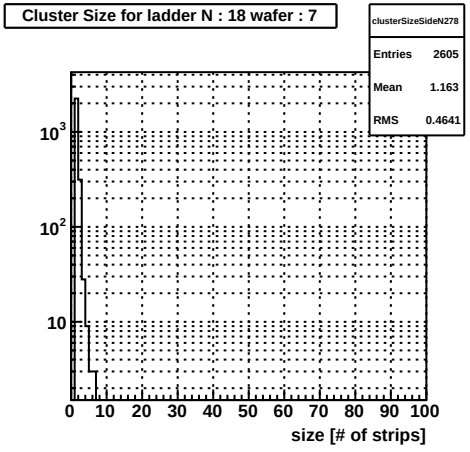

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1967
Mean 1.183
RMS 0.5112
size [# of strips]

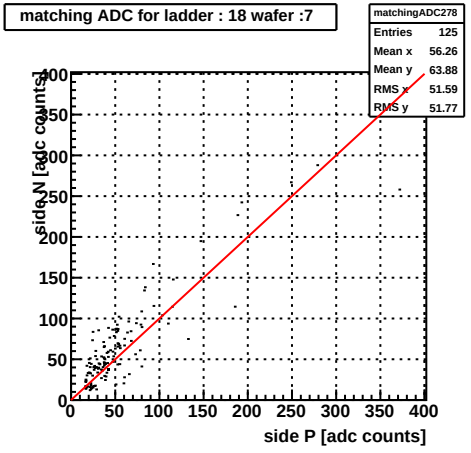

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 378
Mean x 65.58
Mean y 60.71
RMS x 55.6
RMS y 50.03
side N [adc counts]
side P [adc counts]

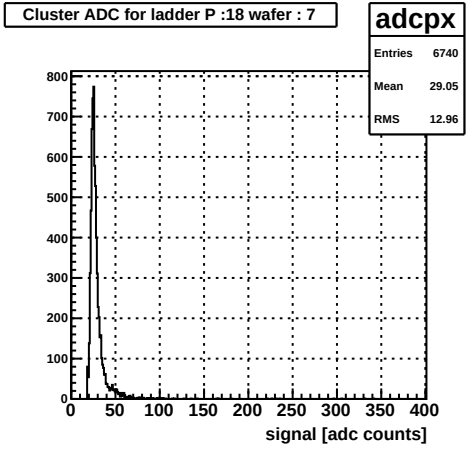

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5442
Mean 29.65
RMS 25.08
signal [adc counts]

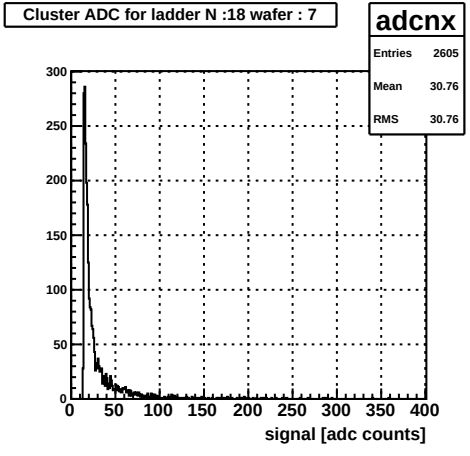

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1967
Mean 33.97
RMS 40.01
signal [adc counts]

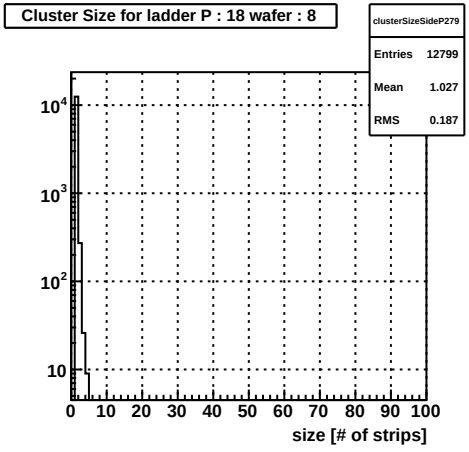

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6740
Mean 1.037
RMS 0.1989
size [# of strips]

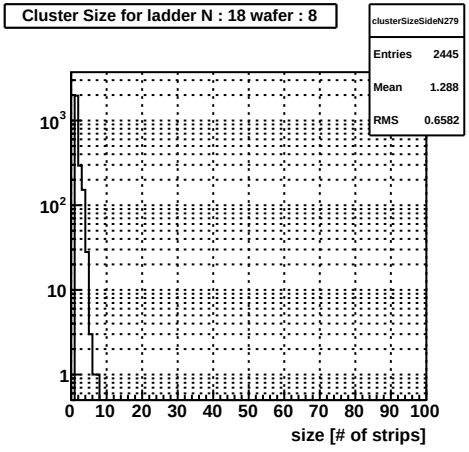

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2605
Mean 1.163
RMS 0.4641
size [# of strips]

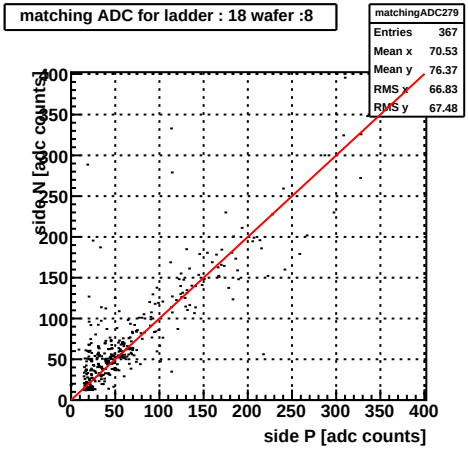

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 125
Mean x 56.26
Mean y 63.88
RMS x 51.59
RMS y 51.77
side N [adc counts]
side P [adc counts]

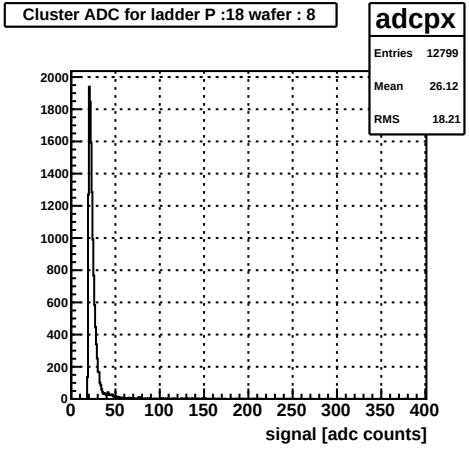

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6740
Mean 29.05
RMS 12.96
signal [adc counts]

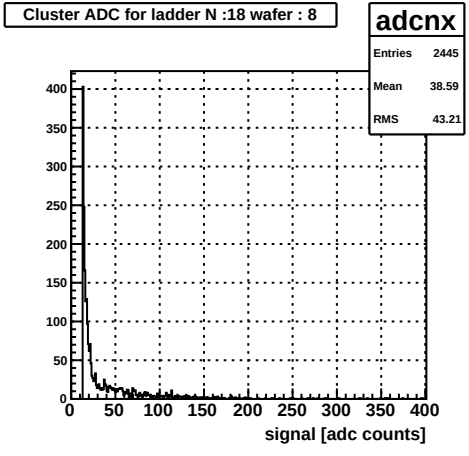

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2605
Mean 30.76
RMS 30.76
signal [adc counts]

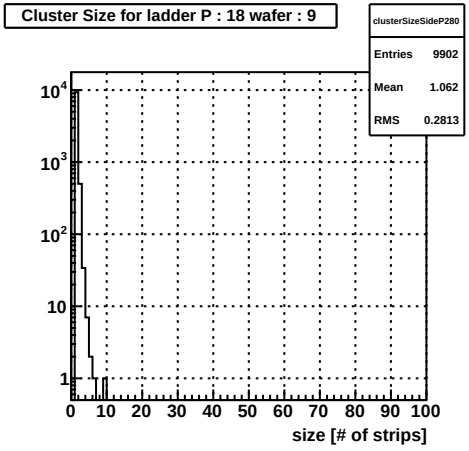

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 12799
Mean 1.027
RMS 0.187
size [# of strips]

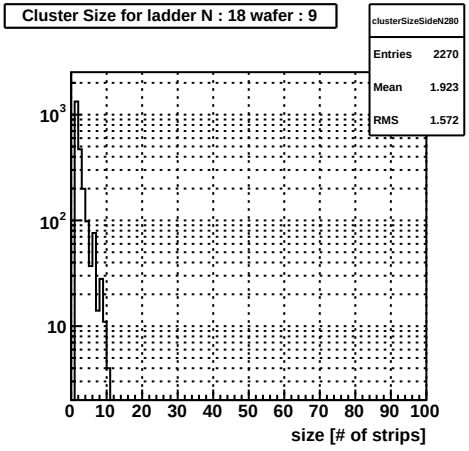

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2445
Mean 1.288
RMS 0.6582
size [# of strips]

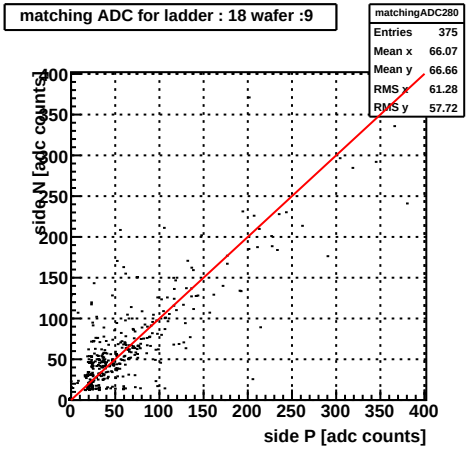

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 367
Mean x 70.53
Mean y 76.37
RMS x 66.83
RMS y 67.48
side N [adc counts]
side P [adc counts]

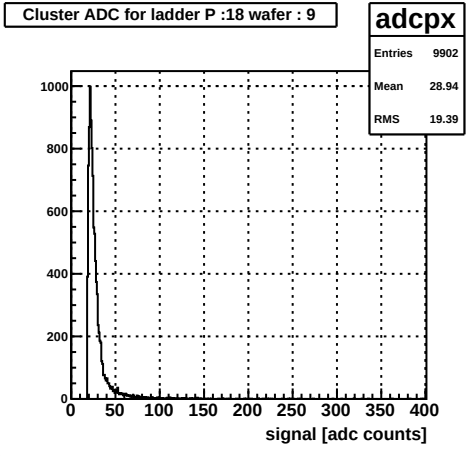

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 12799
Mean 26.12
RMS 18.21
signal [adc counts]

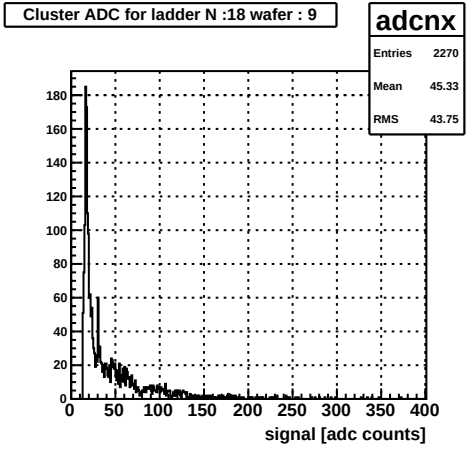

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2445
Mean 38.59
RMS 43.21
signal [adc counts]

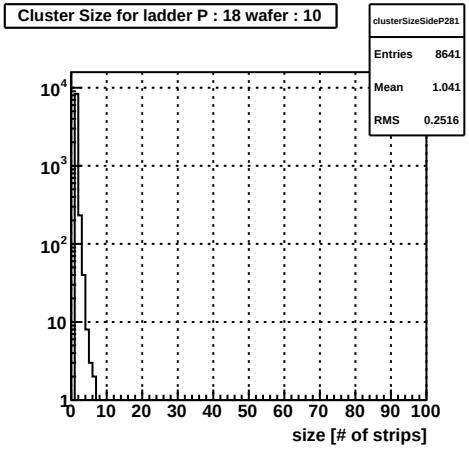

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 9902
Mean 1.062
RMS 0.2813
size [# of strips]

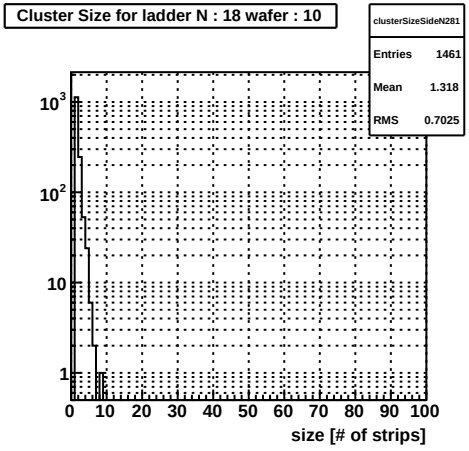

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2270
Mean 1.923
RMS 1.572
size [# of strips]

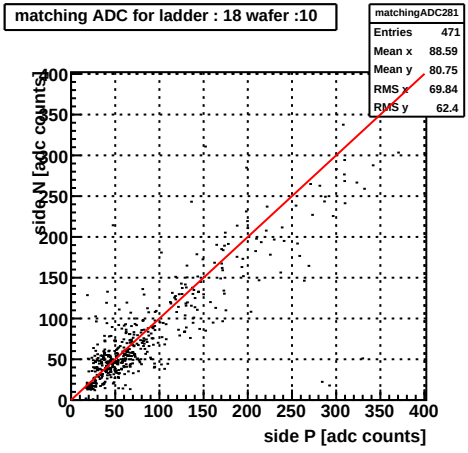

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 375
Mean x 66.07
Mean y 66.66
RMS x 61.28
RMS y 57.72
side N [adc counts]
side P [adc counts]

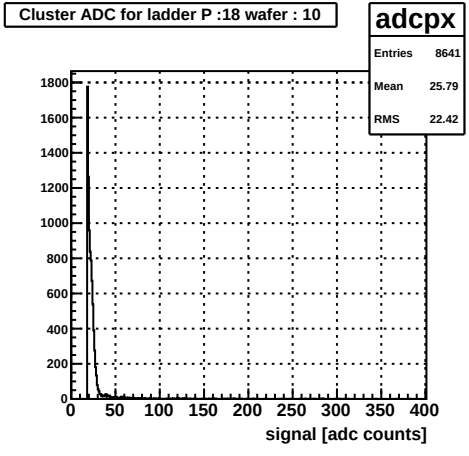

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 9902
Mean 28.94
RMS 19.39
signal [adc counts]

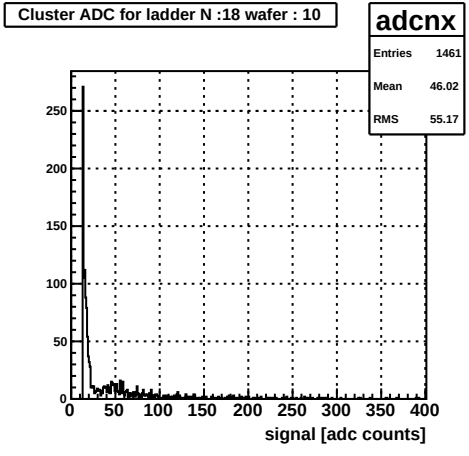

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2270
Mean 45.33
RMS 43.75
signal [adc counts]

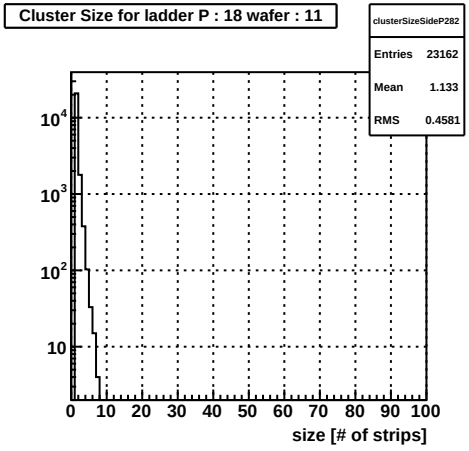

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8641
Mean 1.041
RMS 0.2516
size [# of strips]

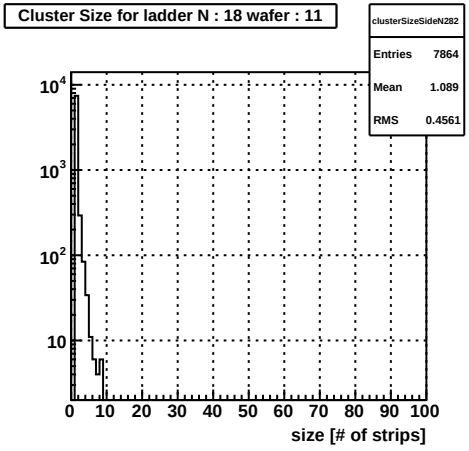

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1461
Mean 1.318
RMS 0.7025
size [# of strips]

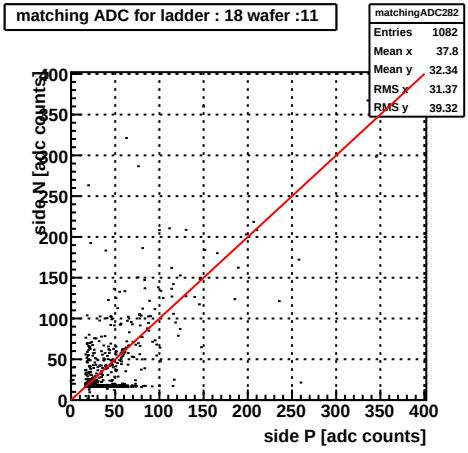

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 471
Mean x 88.59
Mean y 80.75
RMS x 69.84
RMS y 62.4
side N [adc counts]
side P [adc counts]

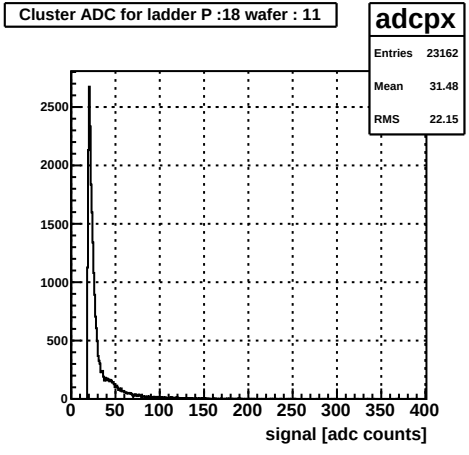

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8641
Mean 25.79
RMS 22.42
signal [adc counts]

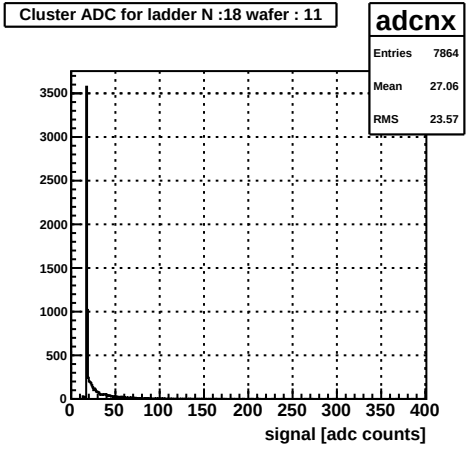

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1461
Mean 46.02
RMS 55.17
signal [adc counts]

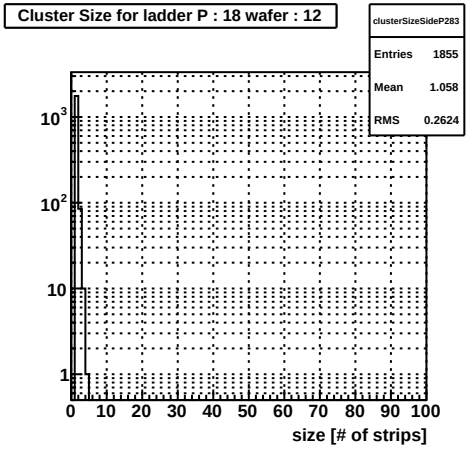

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 23162
Mean 1.133
RMS 0.4581
size [# of strips]

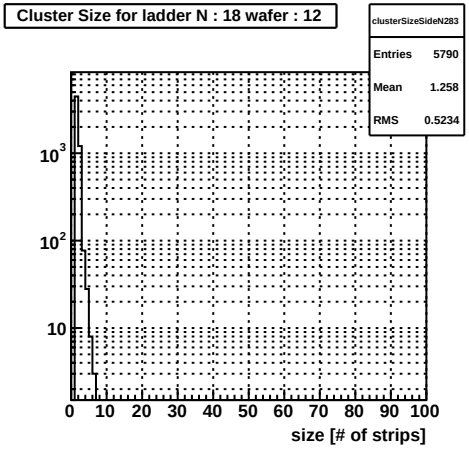

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7864
Mean 1.089
RMS 0.4561
size [# of strips]

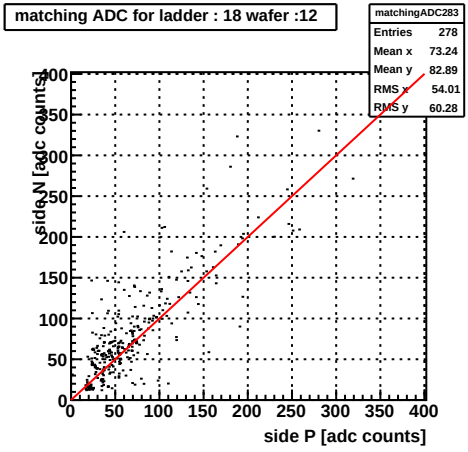

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1082
Mean x 37.8
Mean y 32.34
RMS x 31.37
RMS y 39.32
side N [adc counts]
side P [adc counts]

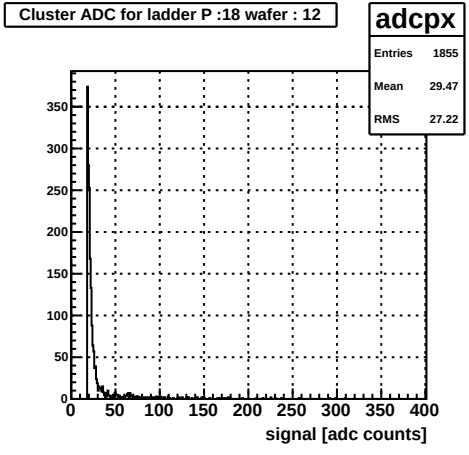

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 23162
Mean 31.48
RMS 22.15
signal [adc counts]

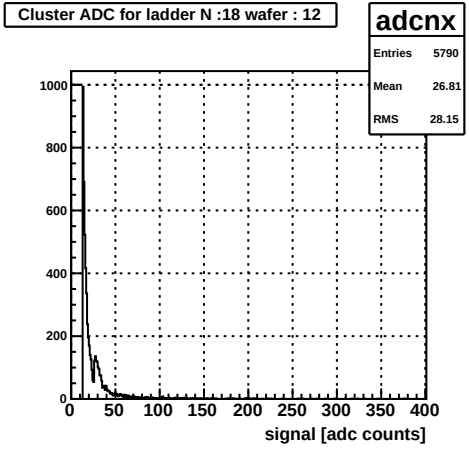

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7864
Mean 27.06
RMS 23.57
signal [adc counts]

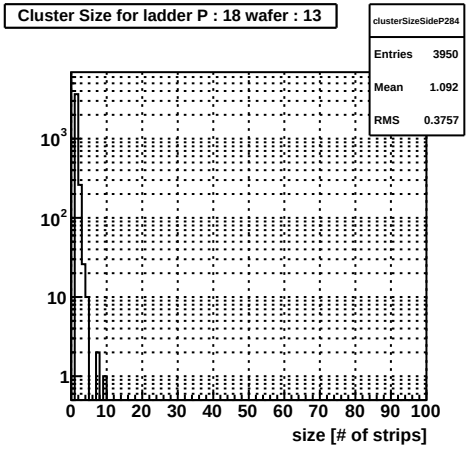

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1855
Mean 1.058
RMS 0.2624
size [# of strips]

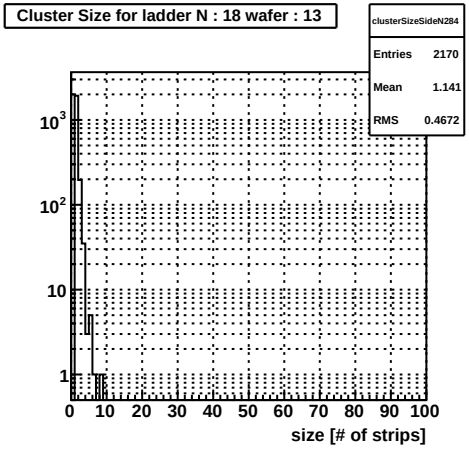

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 5790
Mean 1.258
RMS 0.5234
size [# of strips]

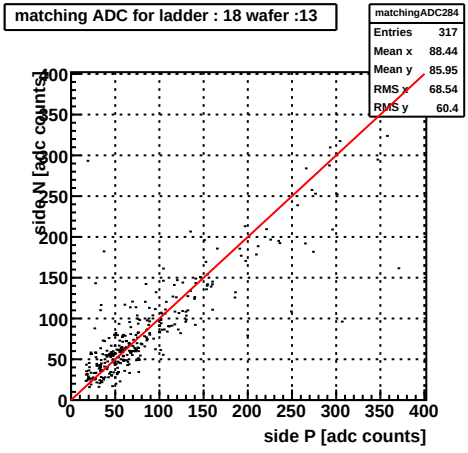

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 278
Mean x 73.24
Mean y 82.89
RMS x 54.01
RMS y 60.28
side N [adc counts]
side P [adc counts]

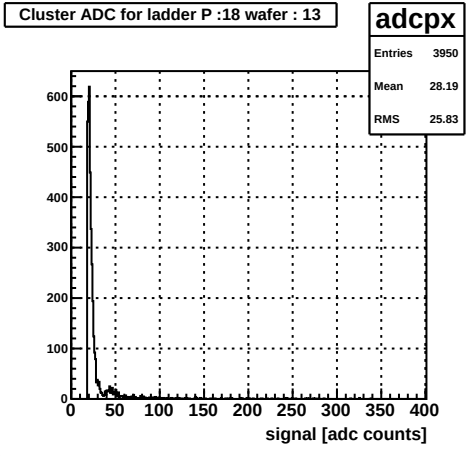

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1855
Mean 29.47
RMS 27.22
signal [adc counts]

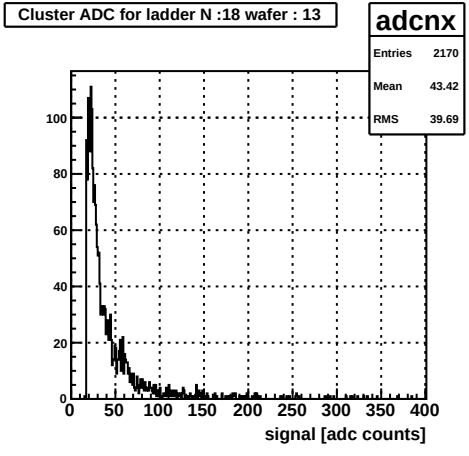

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 5790
Mean 26.81
RMS 28.15
signal [adc counts]

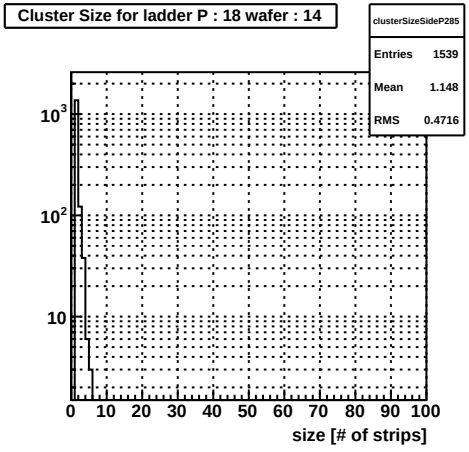

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3950
Mean 1.092
RMS 0.3757
size [# of strips]

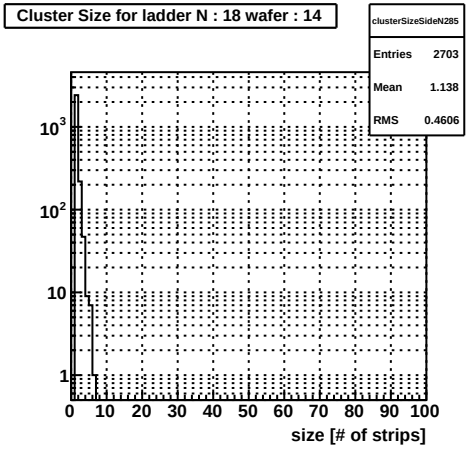

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2170
Mean 1.141
RMS 0.4672
size [# of strips]

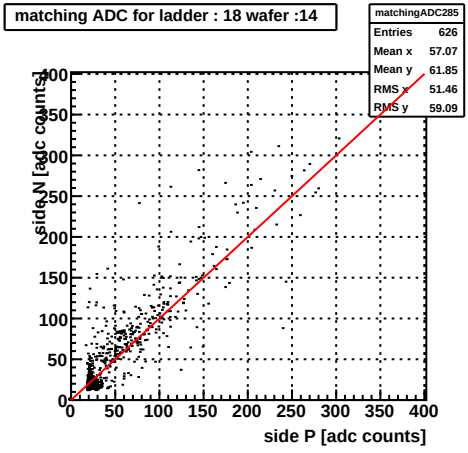

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 317
Mean x 88.44
Mean y 85.95
RMS x 68.54
RMS y 60.4
side N [adc counts]
side P [adc counts]

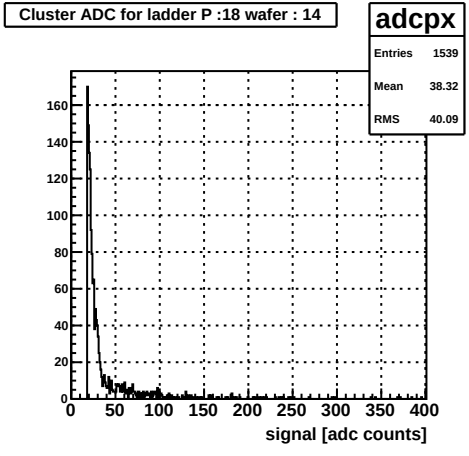

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3950
Mean 28.19
RMS 25.83
signal [adc counts]

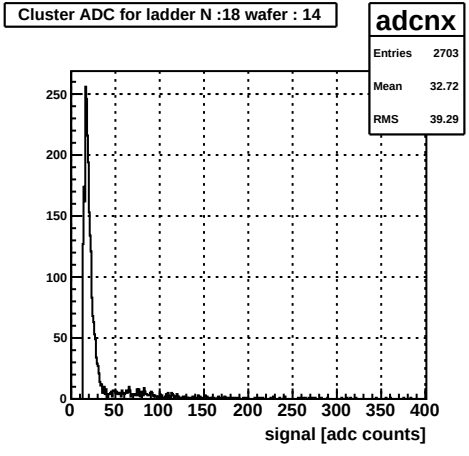

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2170
Mean 43.42
RMS 39.69
signal [adc counts]

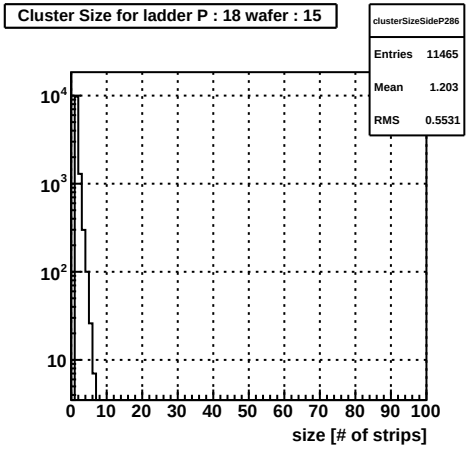

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1539
Mean 1.148
RMS 0.4716
size [# of strips]

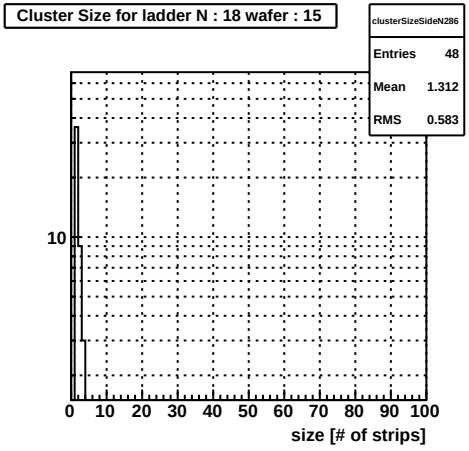

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2703
Mean 1.138
RMS 0.4606
size [# of strips]

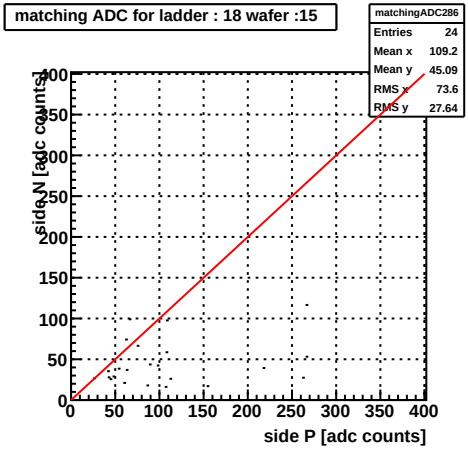

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 626
Mean x 57.07
Mean y 61.85
RMS x 51.46
RMS y 59.09
side N [adc counts]
side P [adc counts]

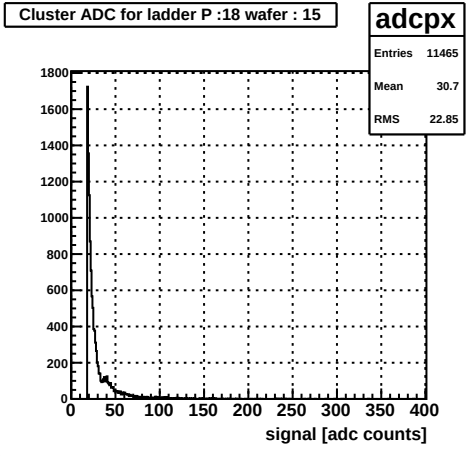

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1539
Mean 38.32
RMS 40.09
signal [adc counts]

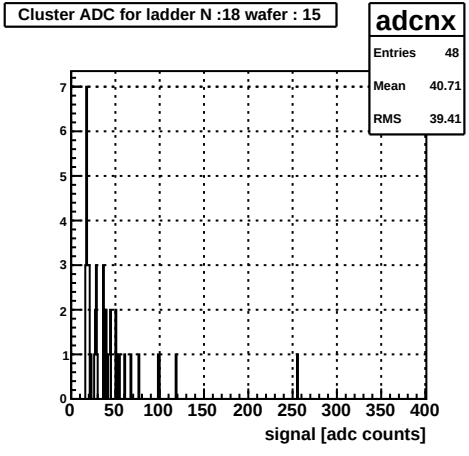

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2703
Mean 32.72
RMS 39.29
signal [adc counts]

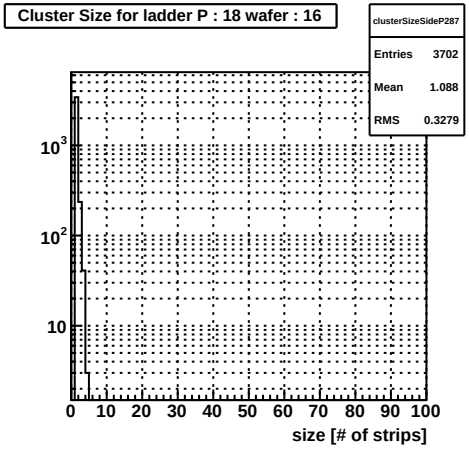

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 11465
Mean 1.203
RMS 0.5531
size [# of strips]

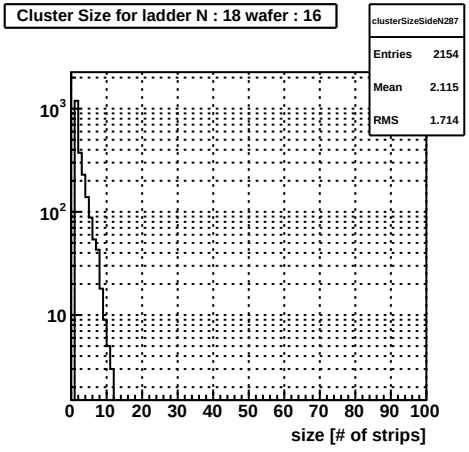

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 48
Mean 1.312
RMS 0.583
size [# of strips]

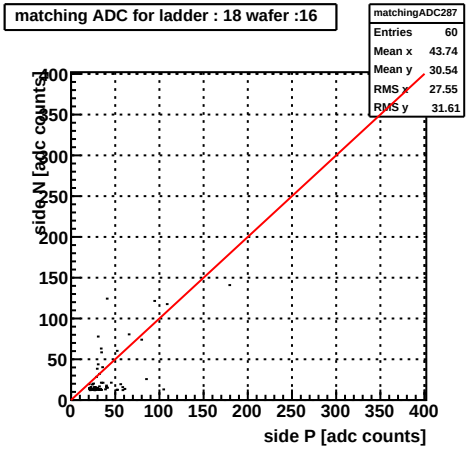

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 24
Mean x 109.2
Mean y 45.09
RMS x 73.6
RMS y 27.64
side N [adc counts]
side P [adc counts]

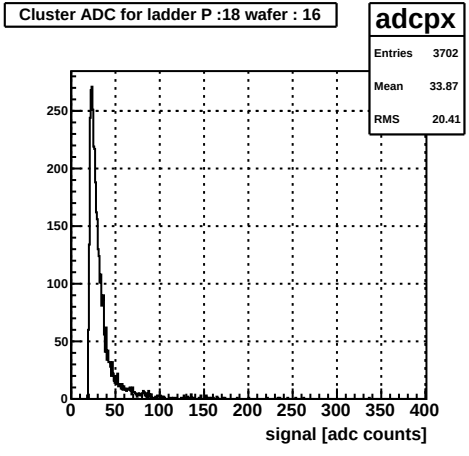

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 11465
Mean 30.7
RMS 22.85
signal [adc counts]

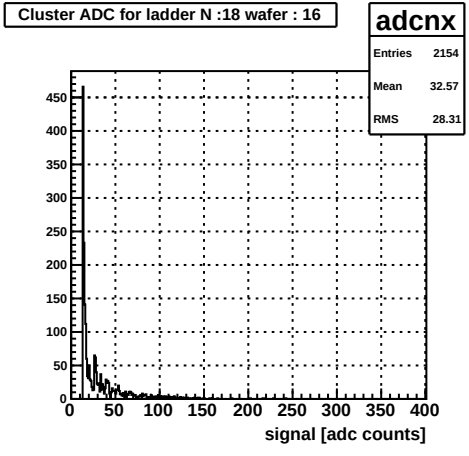

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 48
Mean 40.71
RMS 39.41
signal [adc counts]

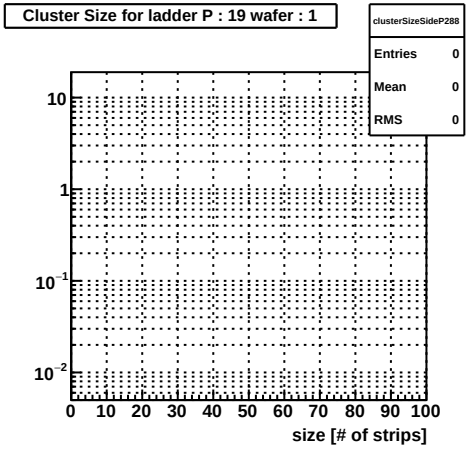

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3702
Mean 1.088
RMS 0.3279
size [# of strips]

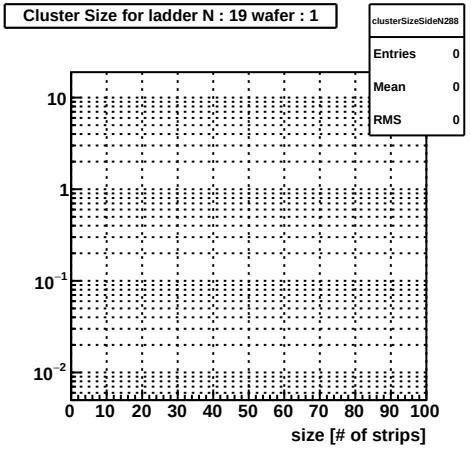

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2154
Mean 2.115
RMS 1.714
size [# of strips]

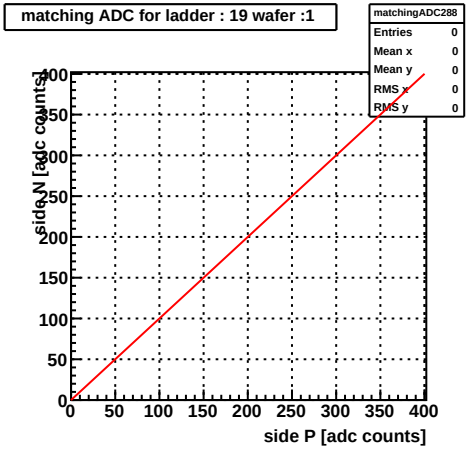

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 60
Mean x 43.74
Mean y 30.54
RMS x 27.55
RMS y 31.61
side N [adc counts]
side P [adc counts]

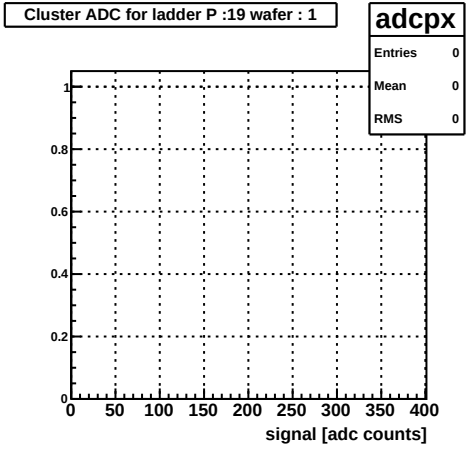

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3702
Mean 33.87
RMS 20.41
signal [adc counts]

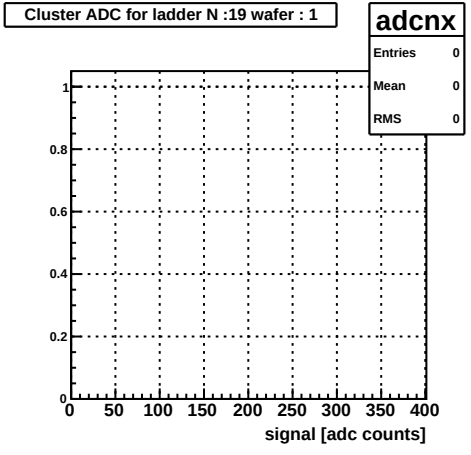

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2154
Mean 32.57
RMS 28.31
signal [adc counts]

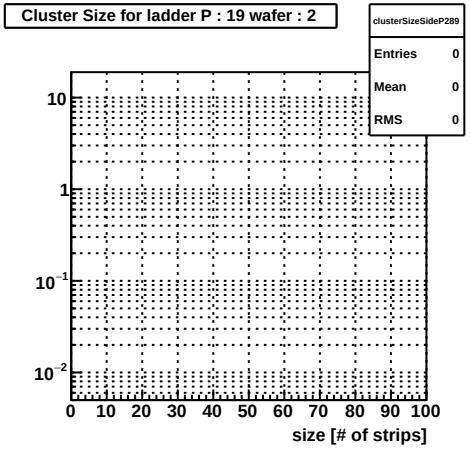

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

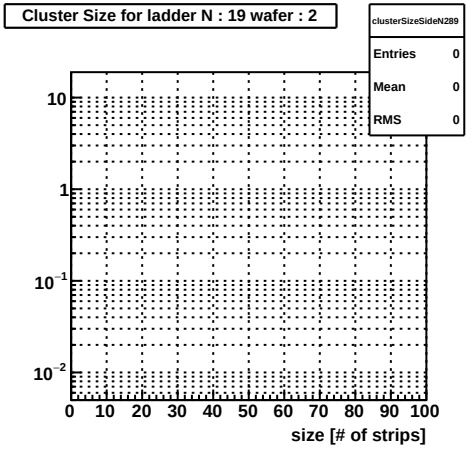

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

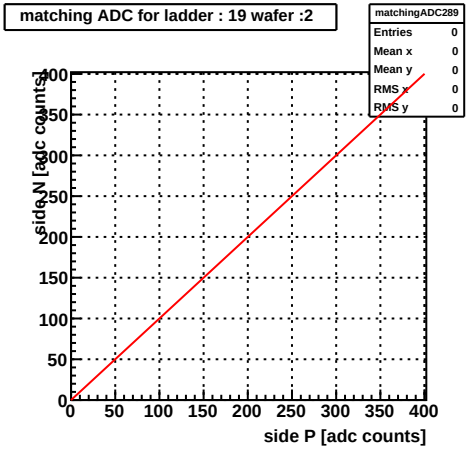

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

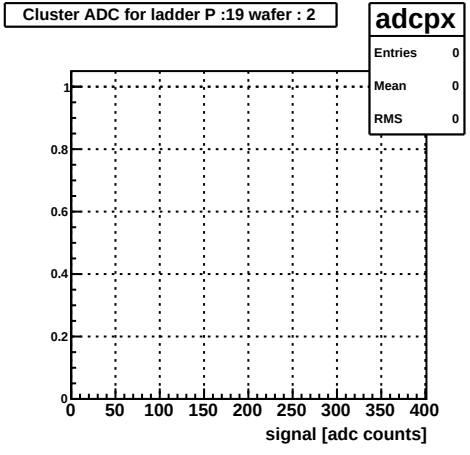

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

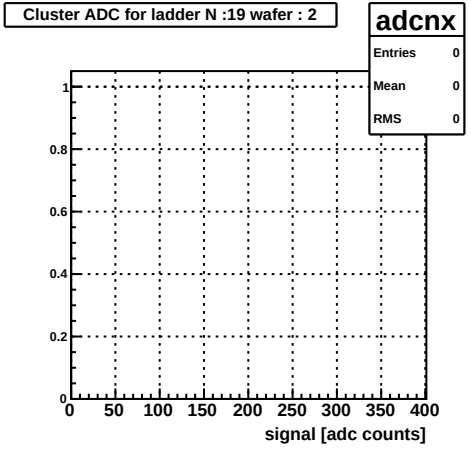

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

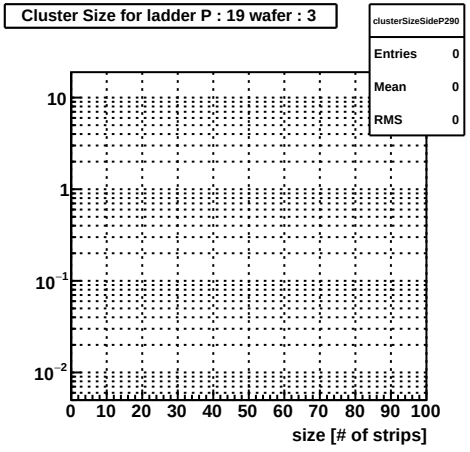

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

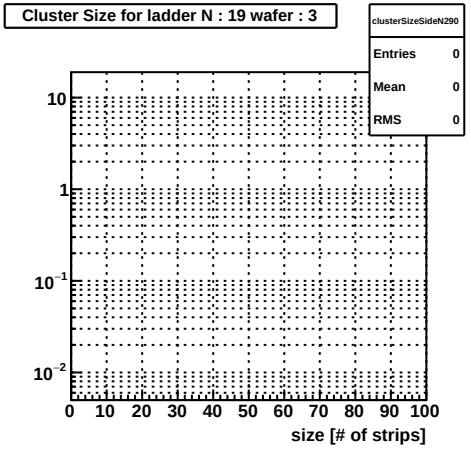

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

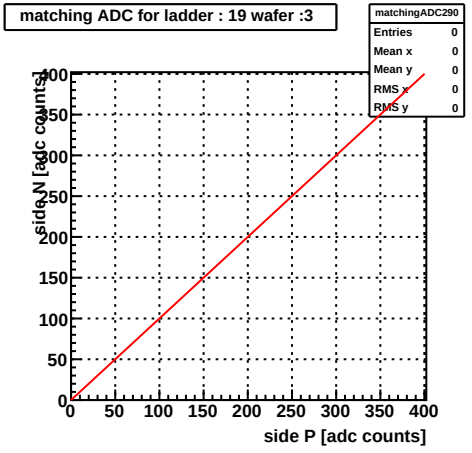

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

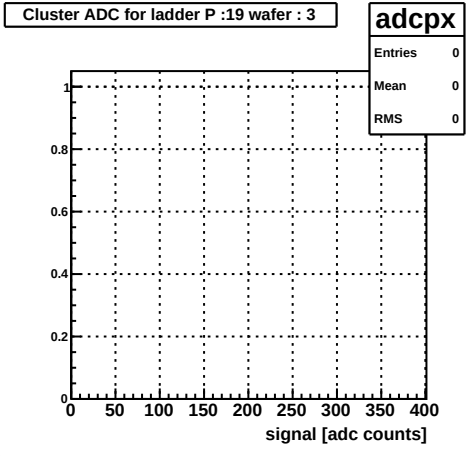

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

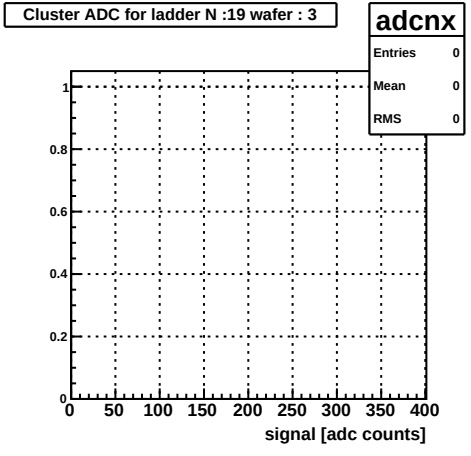

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

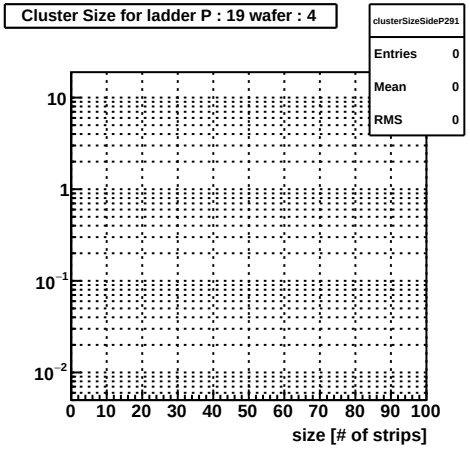

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

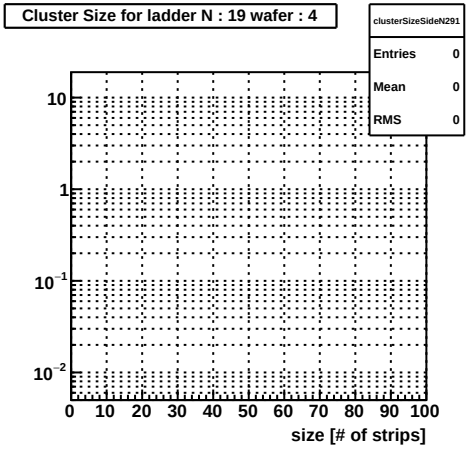

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

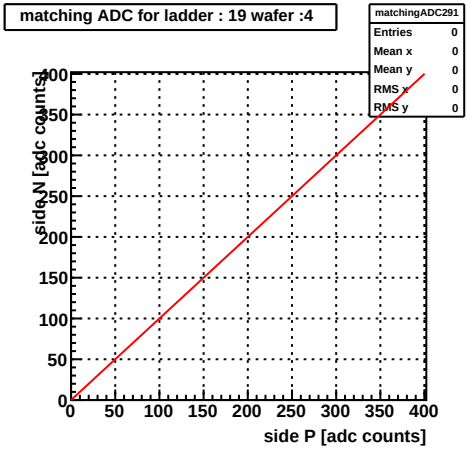

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

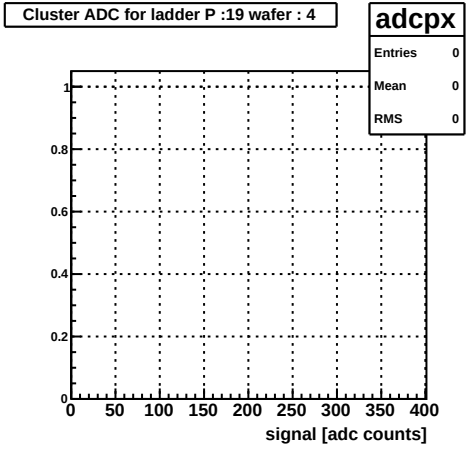

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

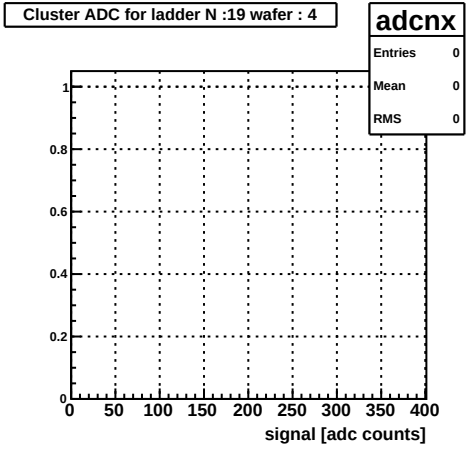

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

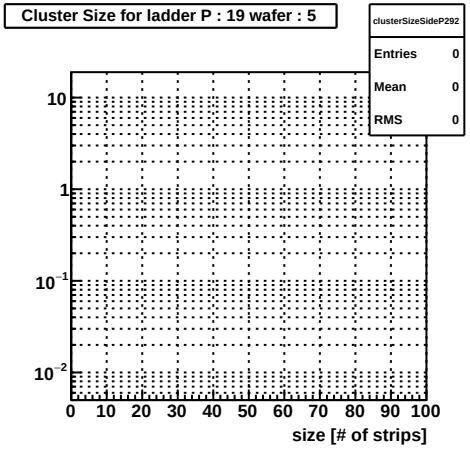

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

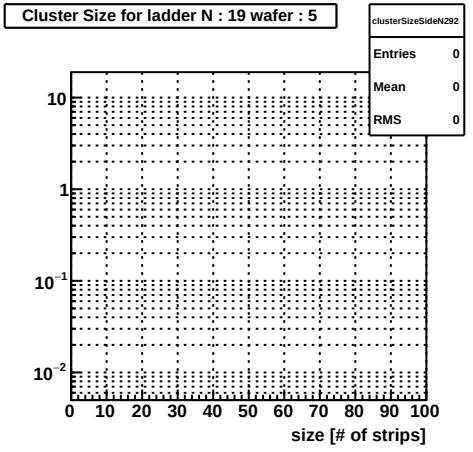

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

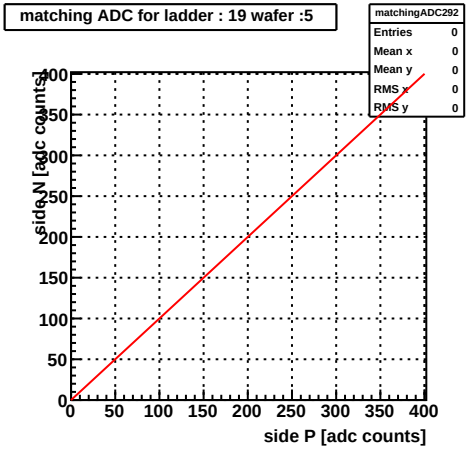

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

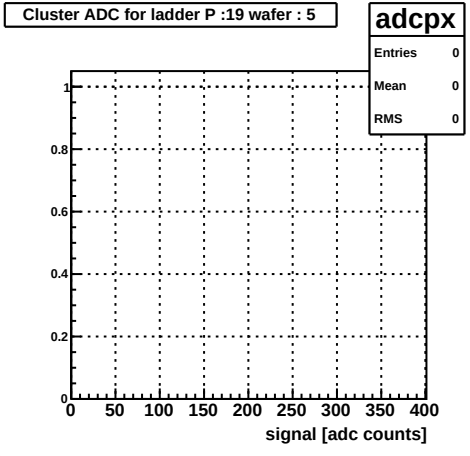

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

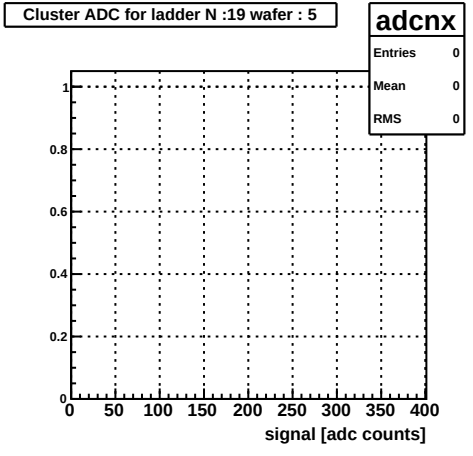

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

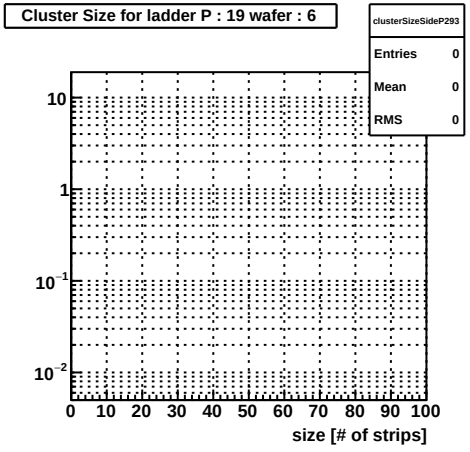

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

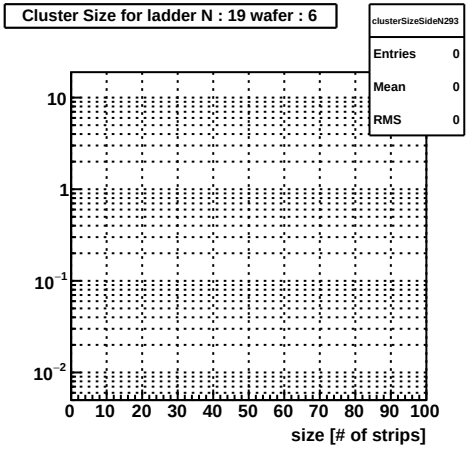

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

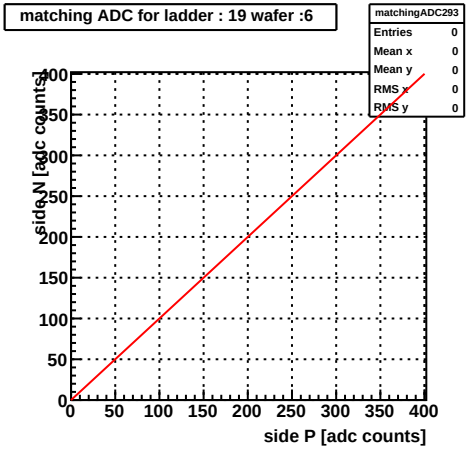

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

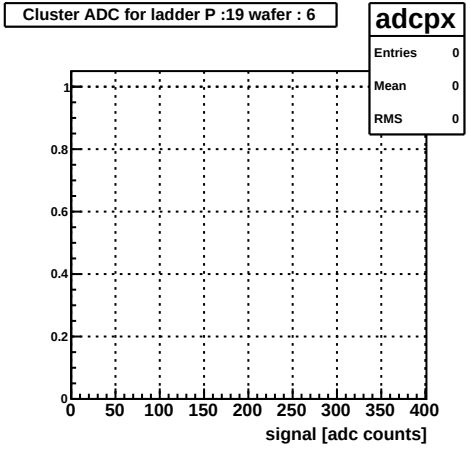

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

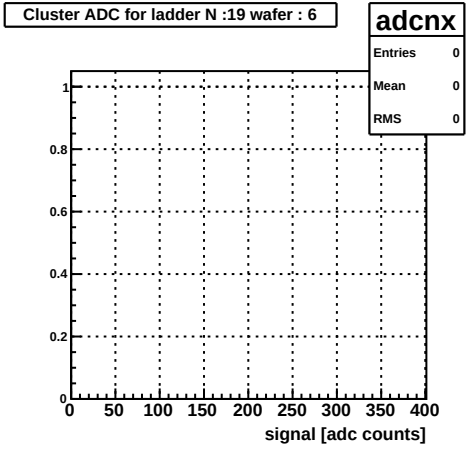

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

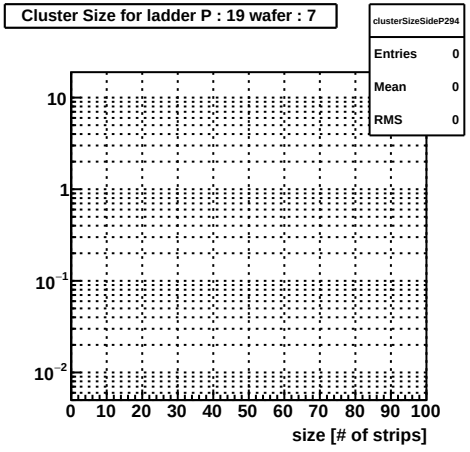

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

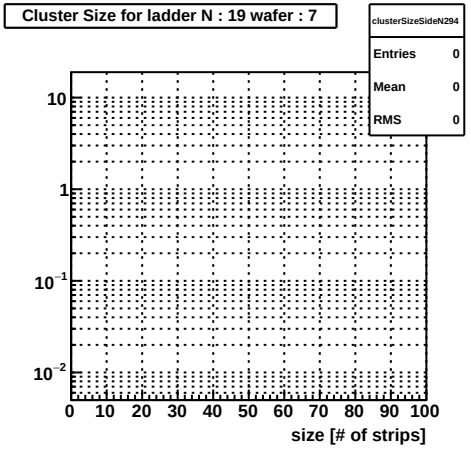

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

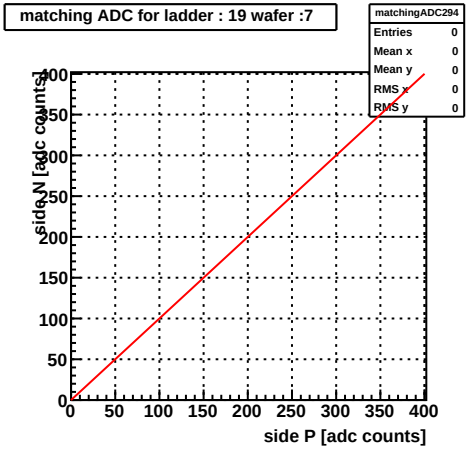

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

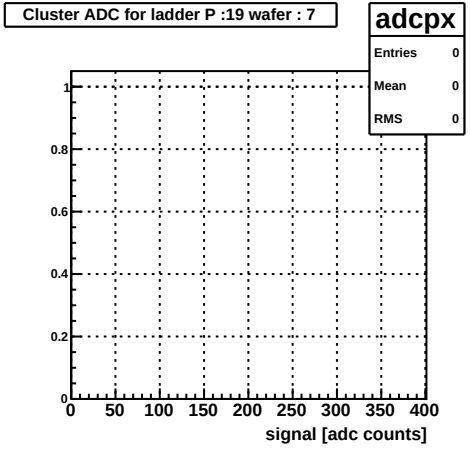

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

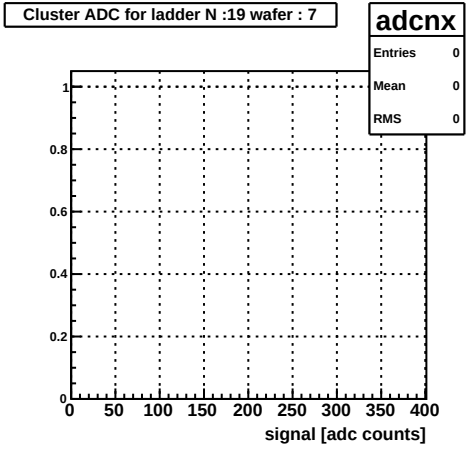

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

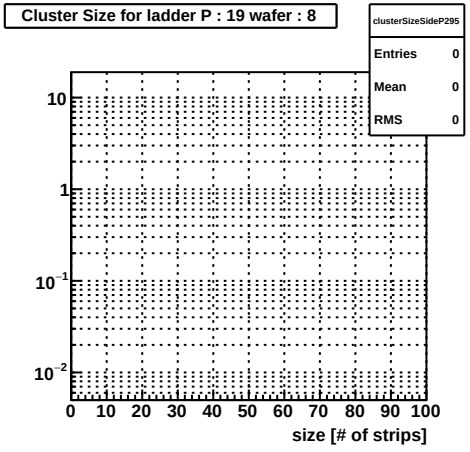

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

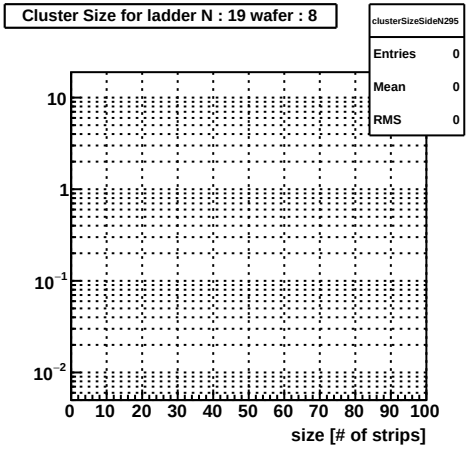

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

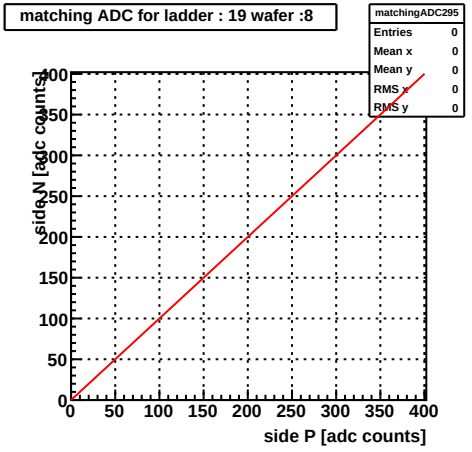

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

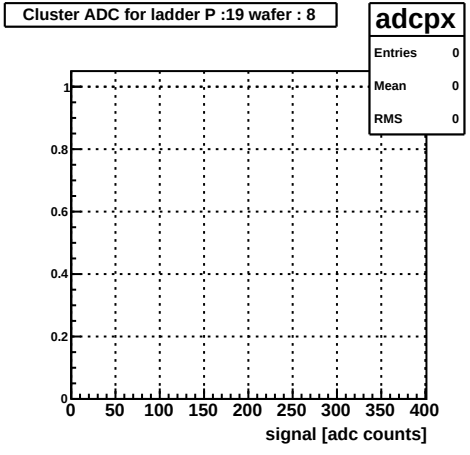

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

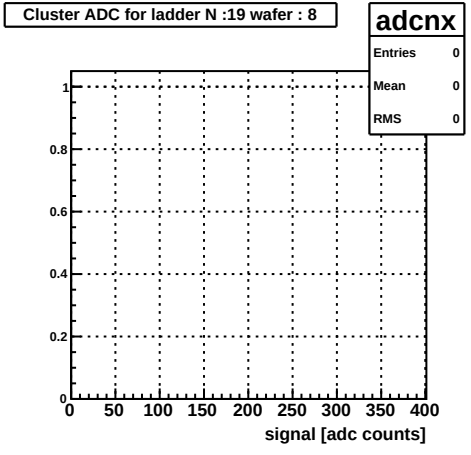

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

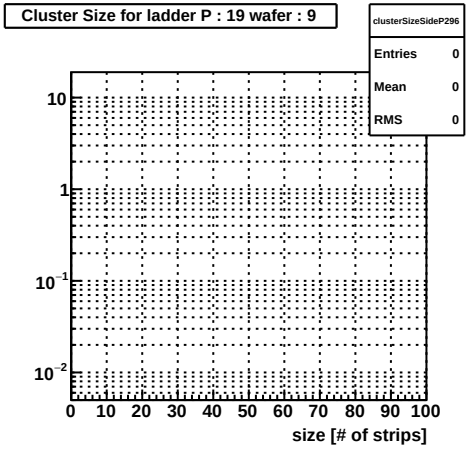

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

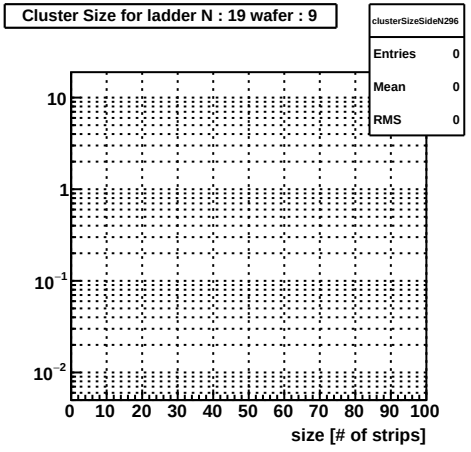

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

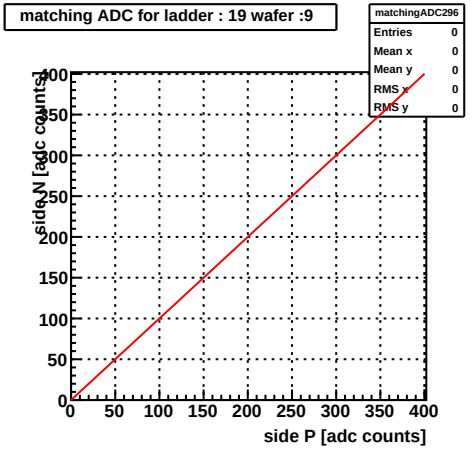

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

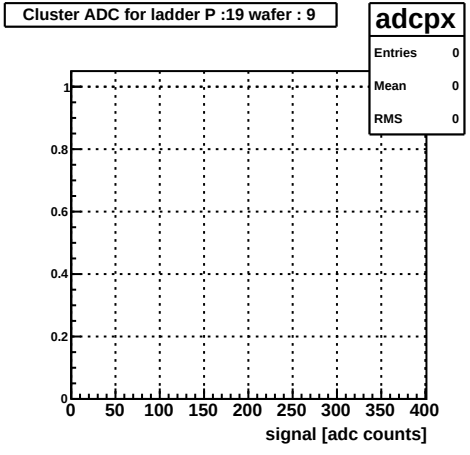

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

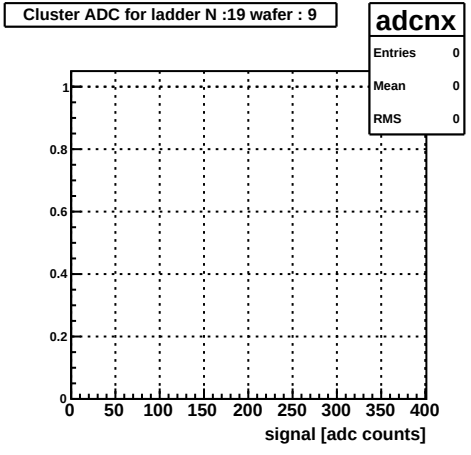

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

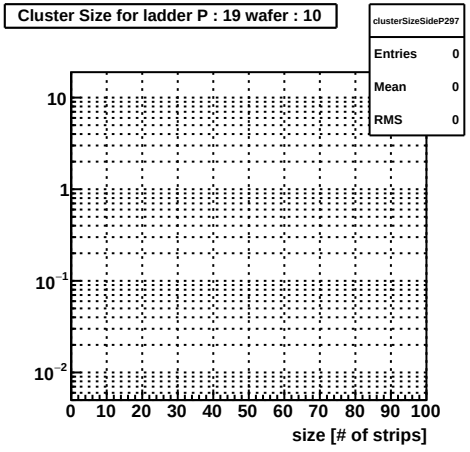

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

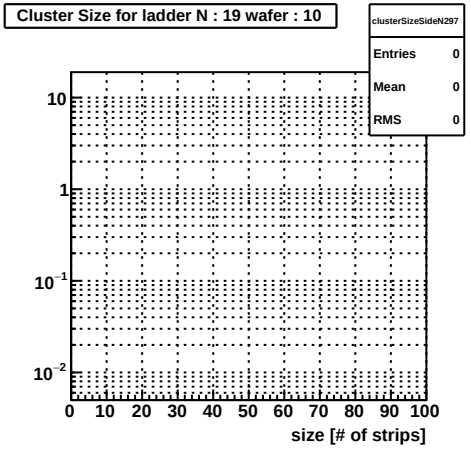

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

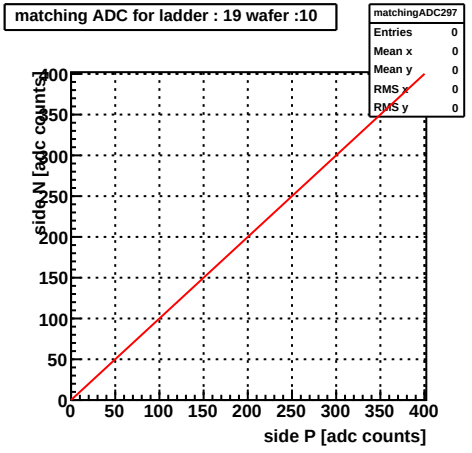

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

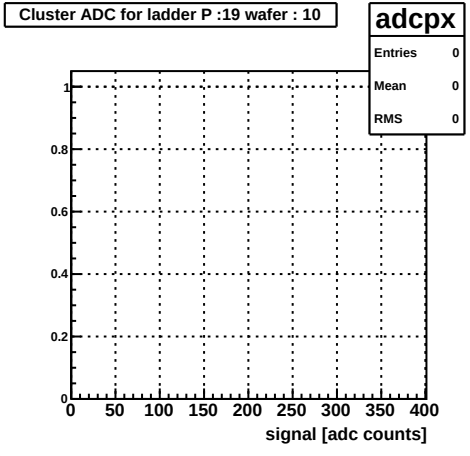

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

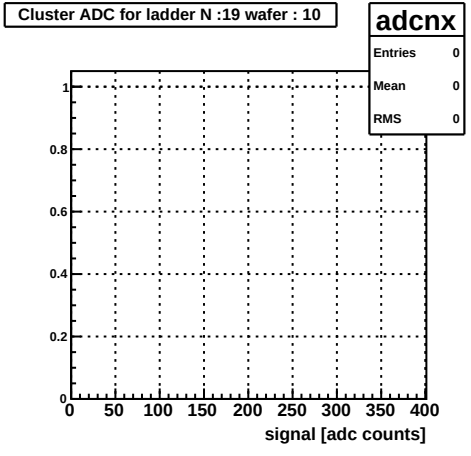

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

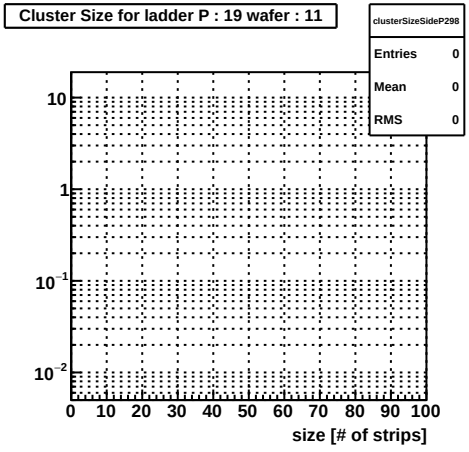

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

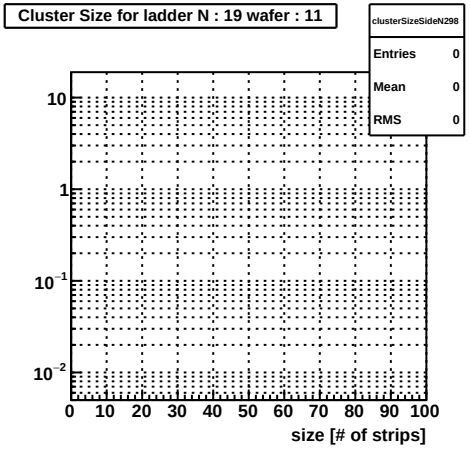

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

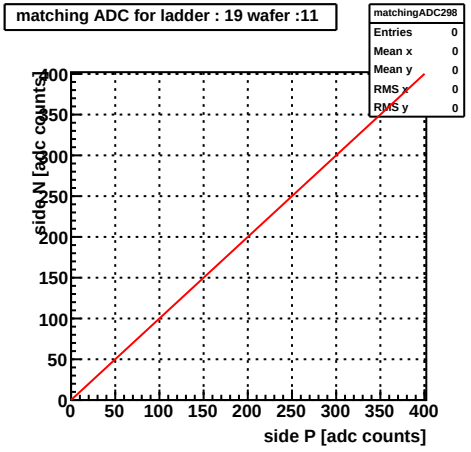

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

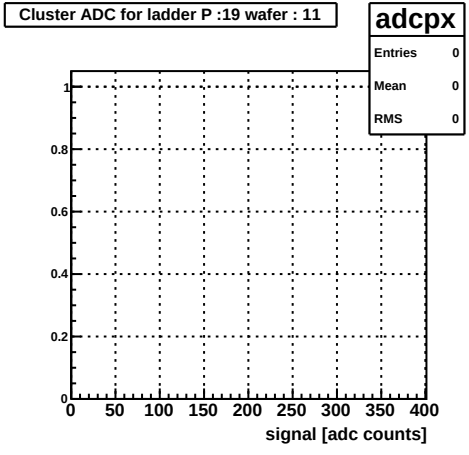

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

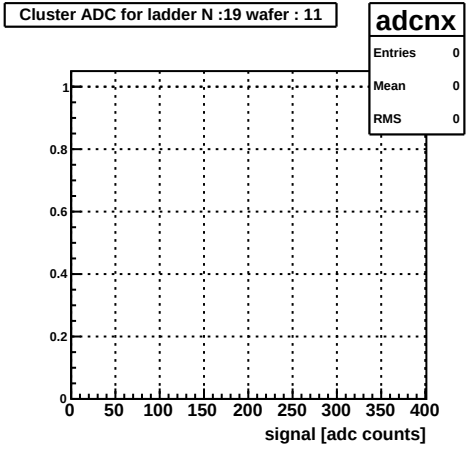

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

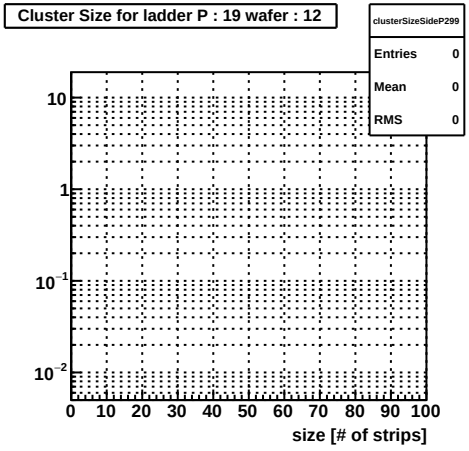

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

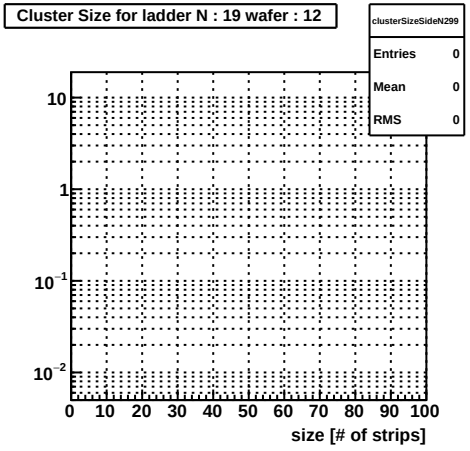

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

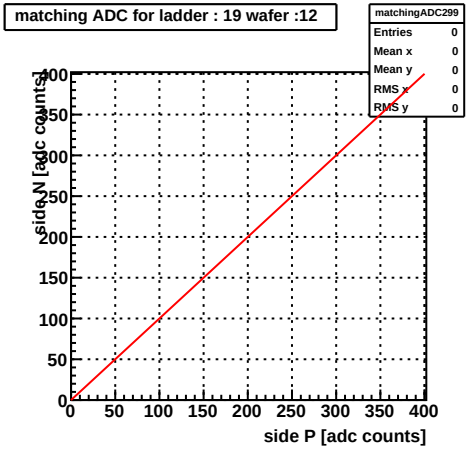

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

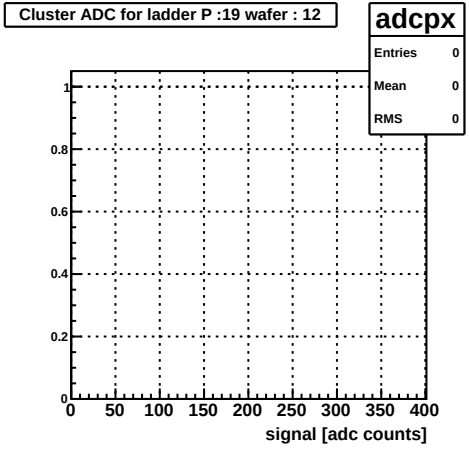

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

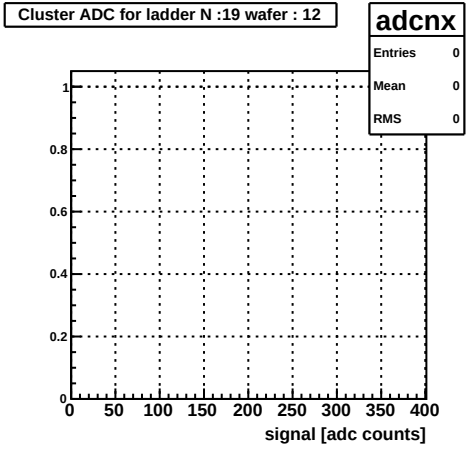

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

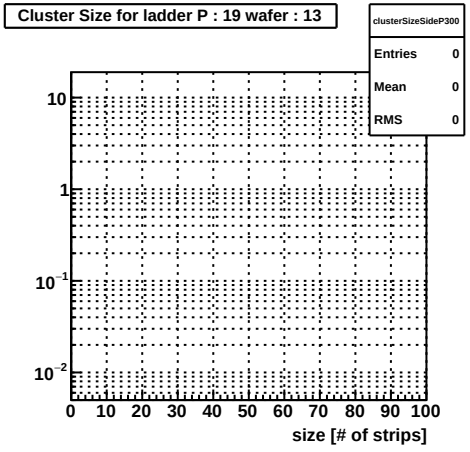

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

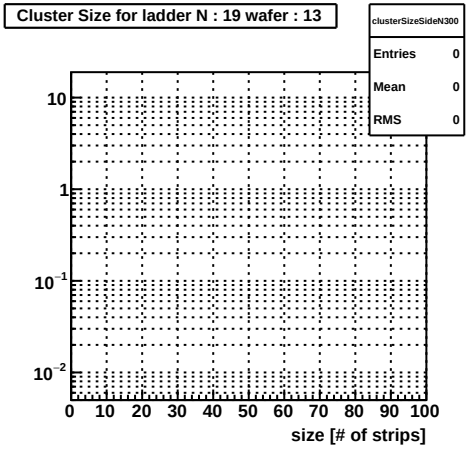

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

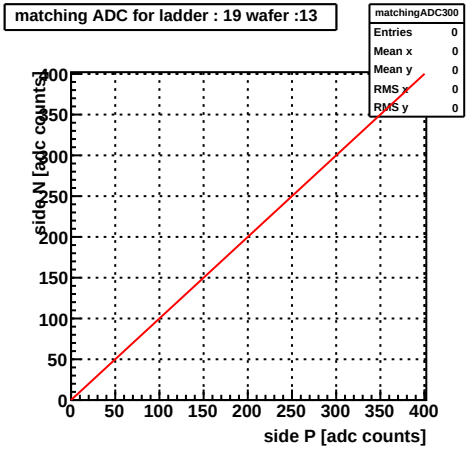

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

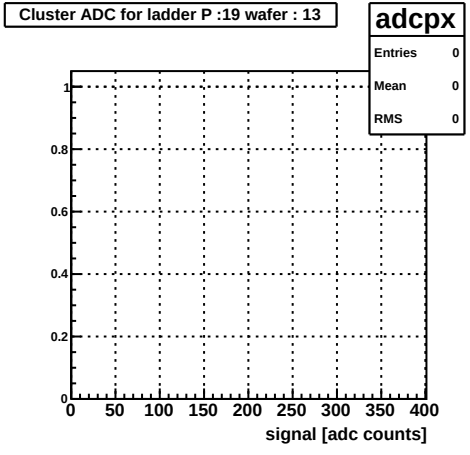

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

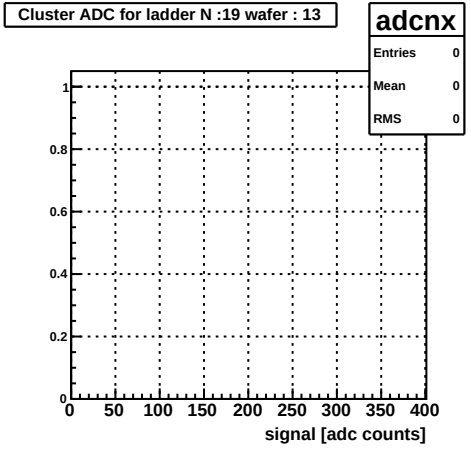

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

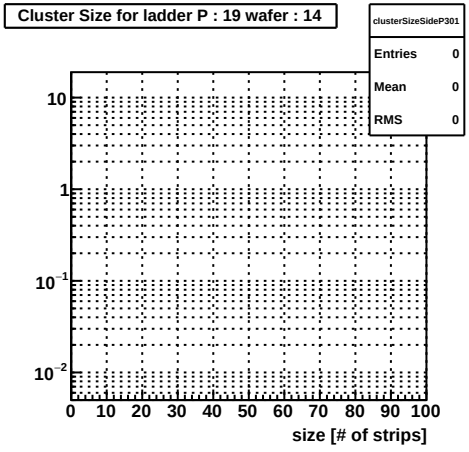

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

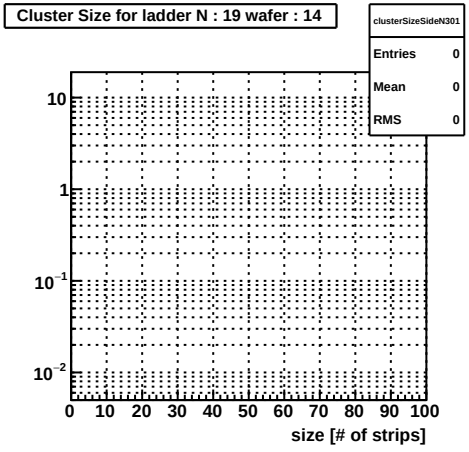

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

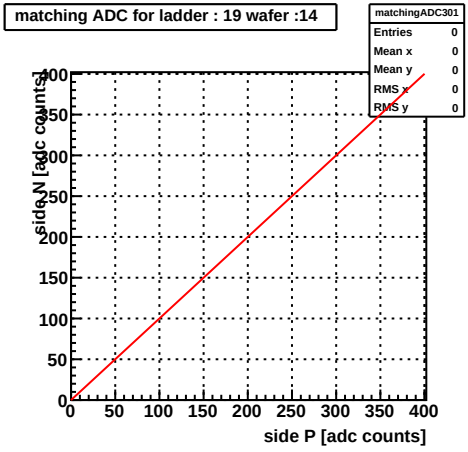

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

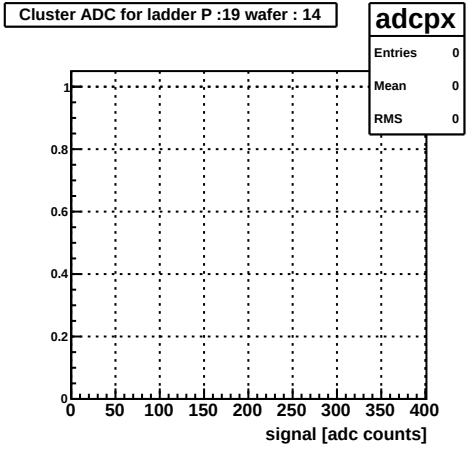

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

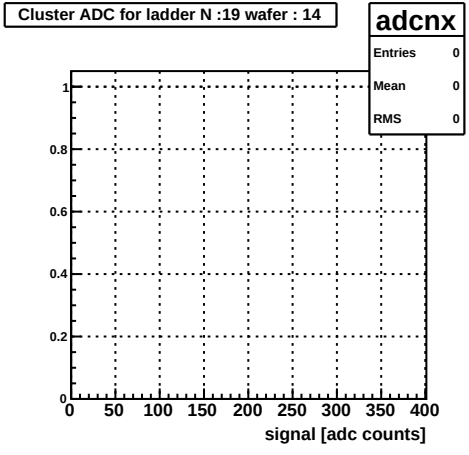

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

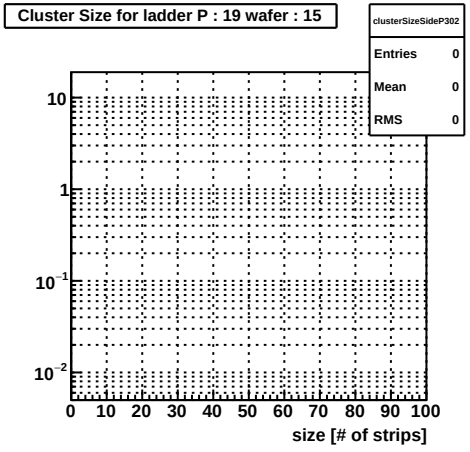

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

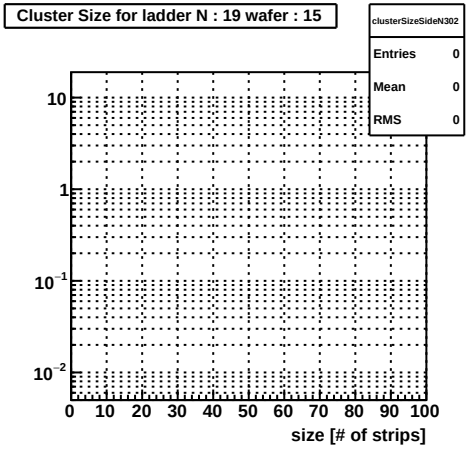

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

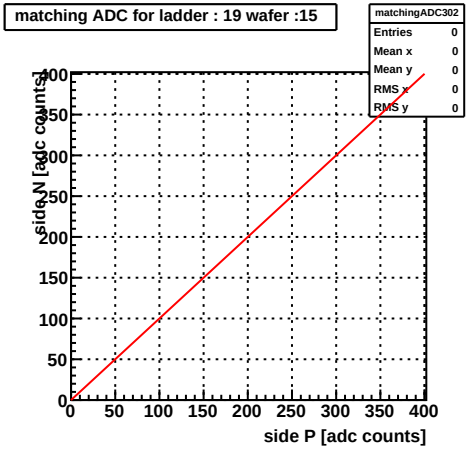

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

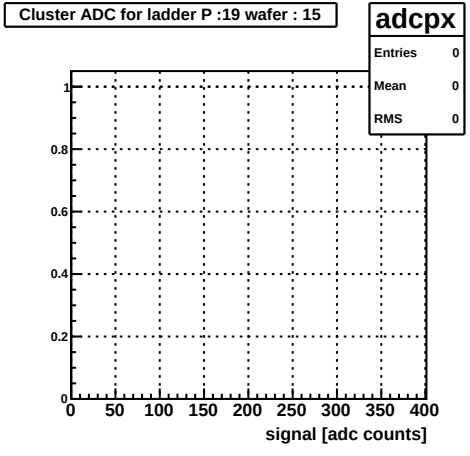

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

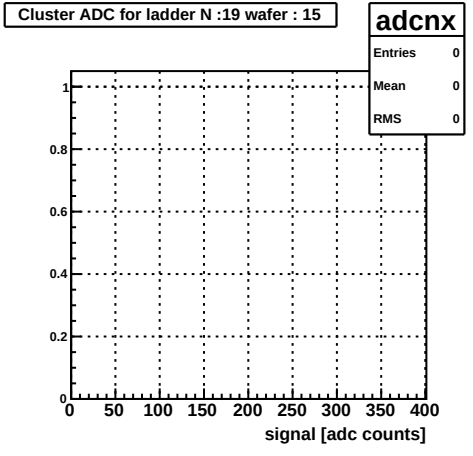

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

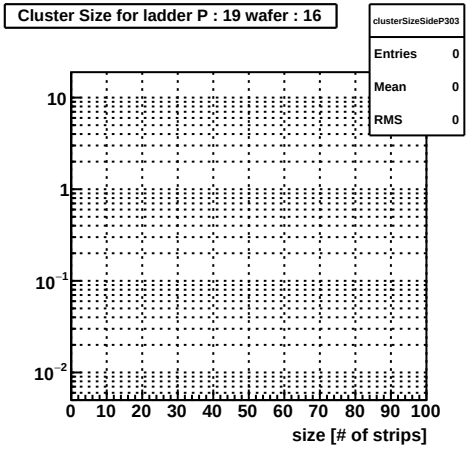

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

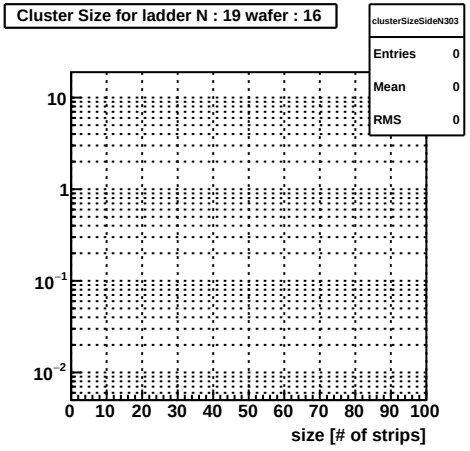

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

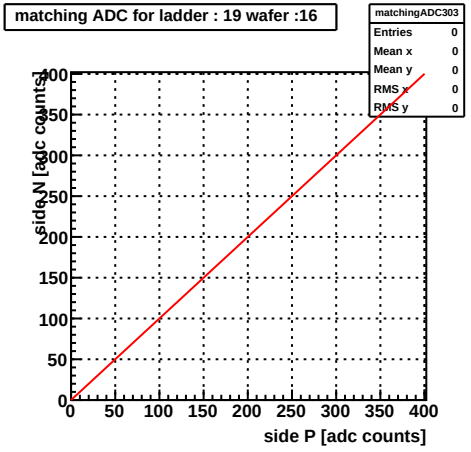

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

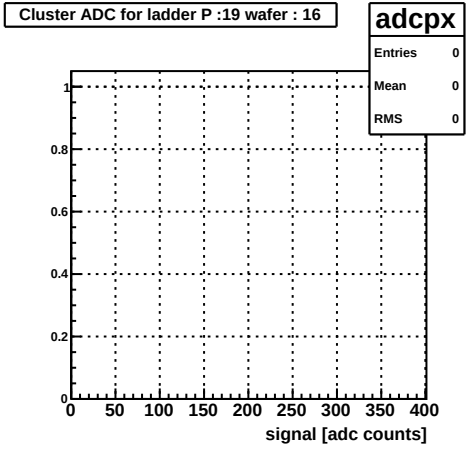

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

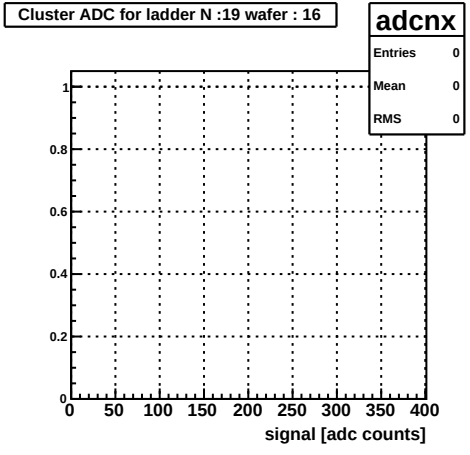

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

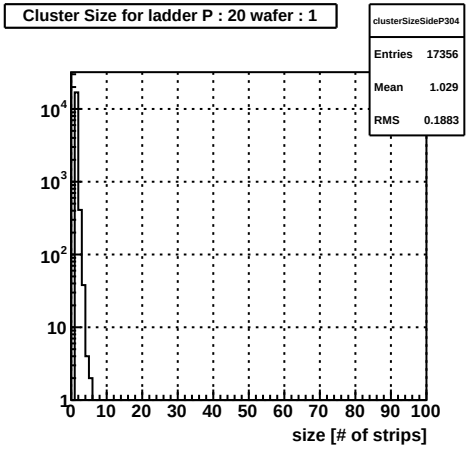

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

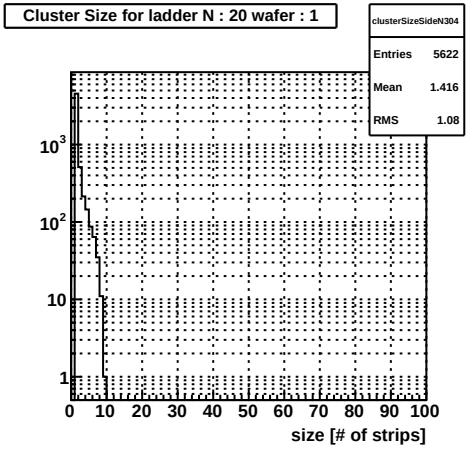

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

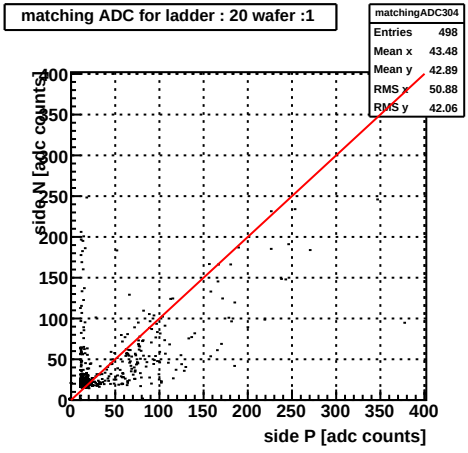

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

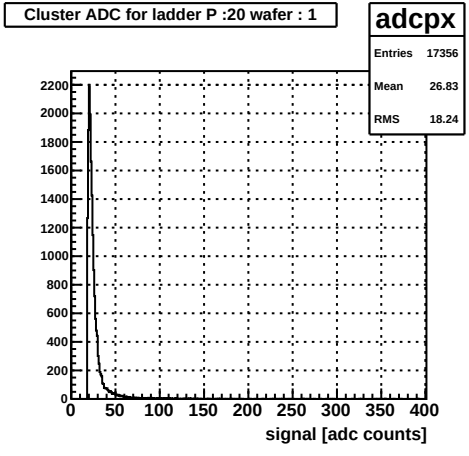

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

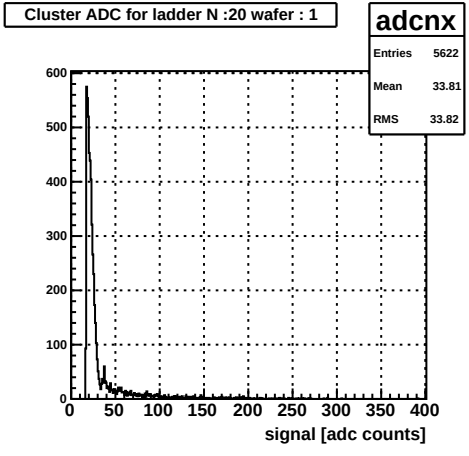

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

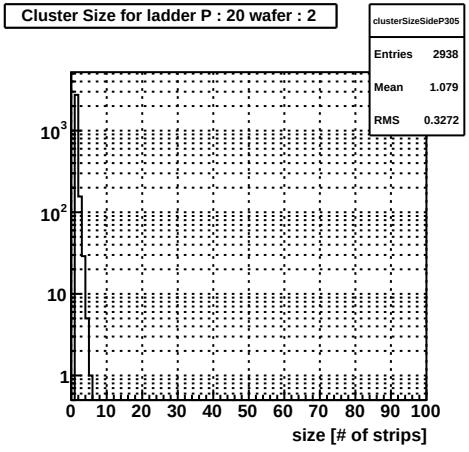

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 17356
Mean 1.029
RMS 0.1883
size [# of strips]

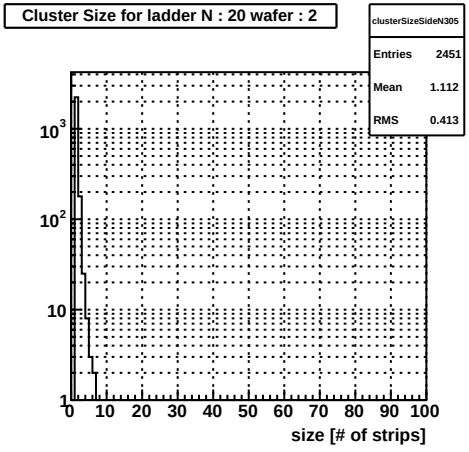

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5622
Mean 1.416
RMS 1.08
size [# of strips]

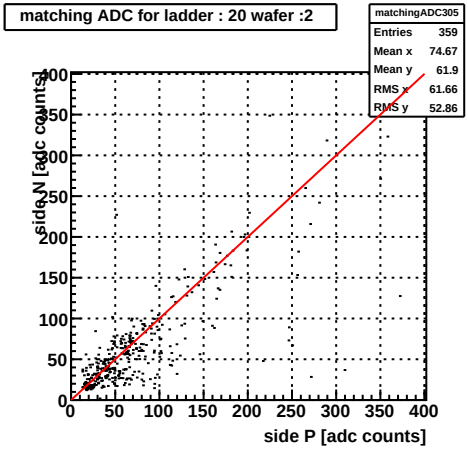

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 498
Mean x 43.48
Mean y 42.89
RMS x 50.88
RMS y 42.06
side N [adc counts]
side P [adc counts]

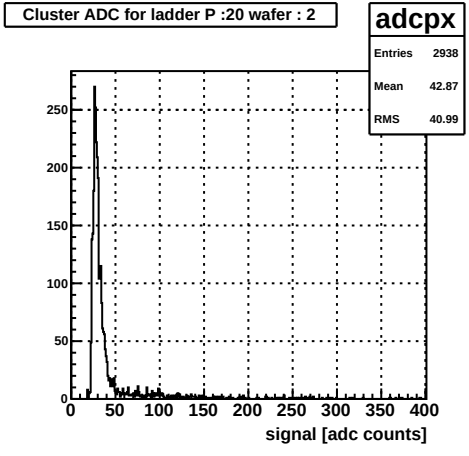

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 17356
Mean 26.83
RMS 18.24
signal [adc counts]

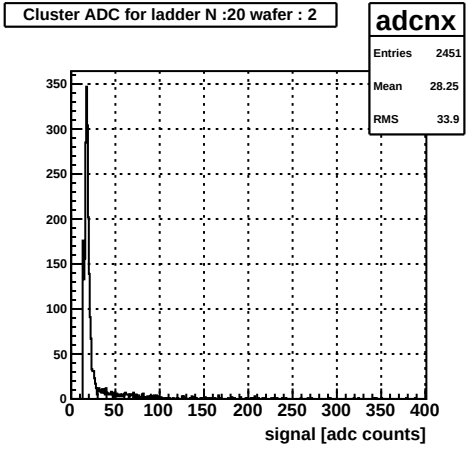

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5622
Mean 33.81
RMS 33.82
signal [adc counts]

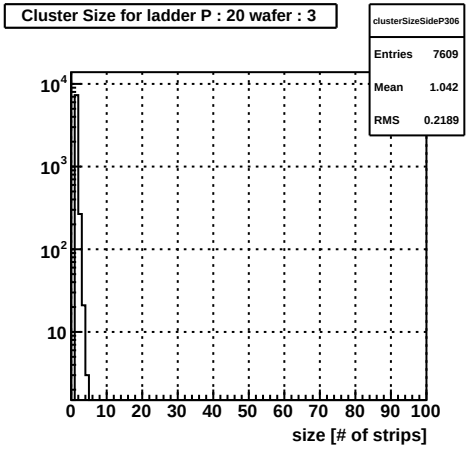

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2938
Mean 1.079
RMS 0.3272
size [# of strips]

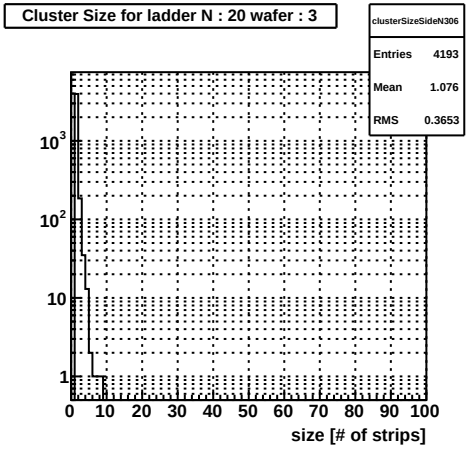

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2451
Mean 1.112
RMS 0.413
size [# of strips]

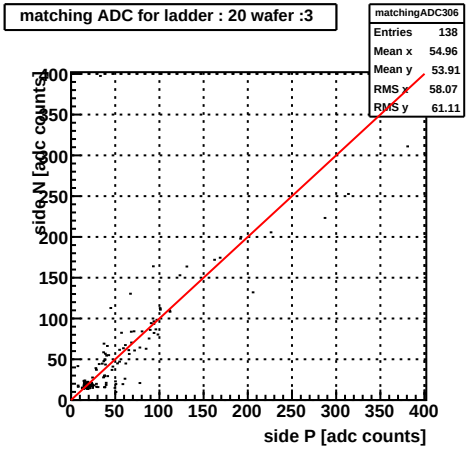

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 359
Mean x 74.67
Mean y 61.9
RMS x 61.66
RMS y 52.86
side N [adc counts]
side P [adc counts]

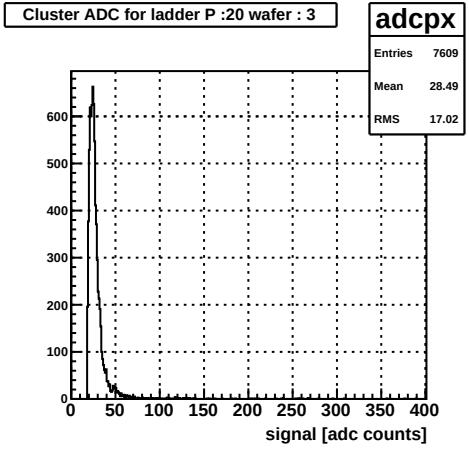

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2938
Mean 42.87
RMS 40.99
signal [adc counts]

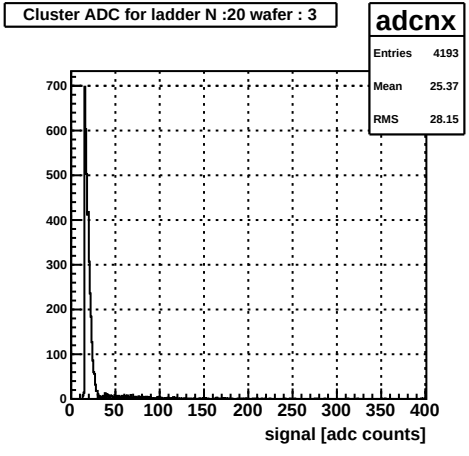

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2451
Mean 28.25
RMS 33.9
signal [adc counts]

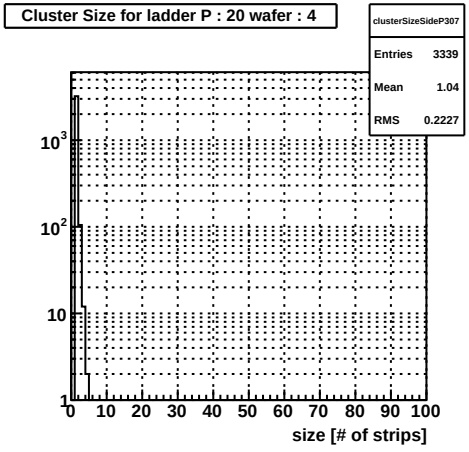

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7609
Mean 1.042
RMS 0.2189
size [# of strips]

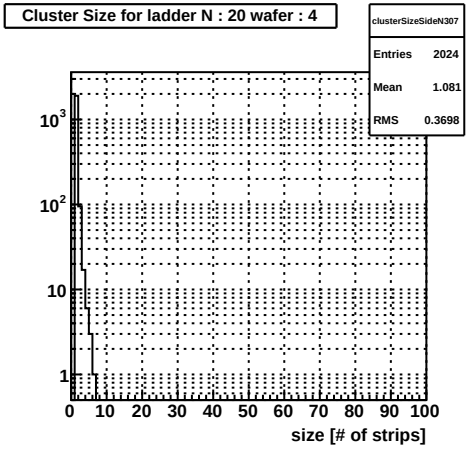

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 4193
Mean 1.076
RMS 0.3653
size [# of strips]

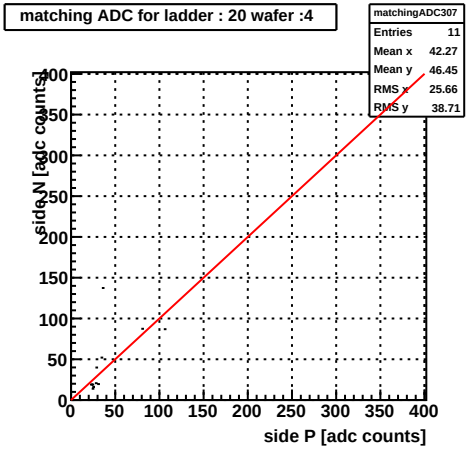

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 138
Mean x 54.96
Mean y 53.91
RMS x 58.07
RMS y 61.11
side N [adc counts]
side P [adc counts]

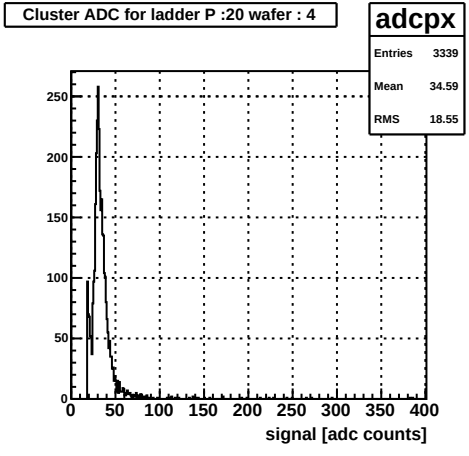

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7609
Mean 28.49
RMS 17.02
signal [adc counts]

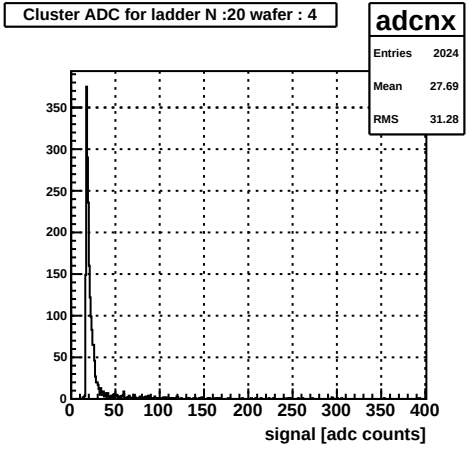

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 4193
Mean 25.37
RMS 28.15
signal [adc counts]

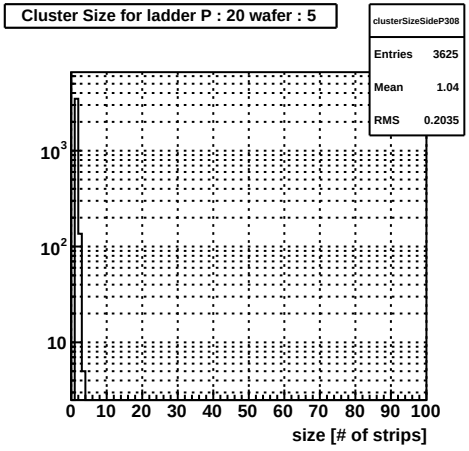

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3339
Mean 1.04
RMS 0.2227
size [# of strips]

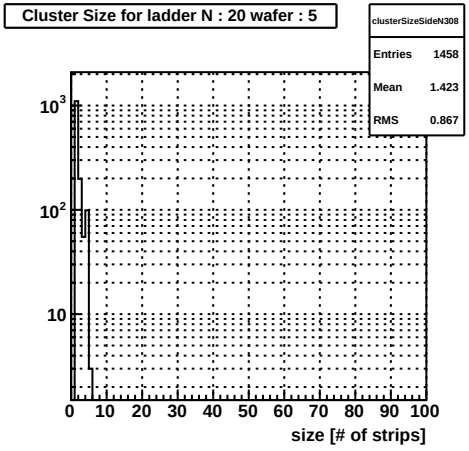

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2024
Mean 1.081
RMS 0.3698
size [# of strips]

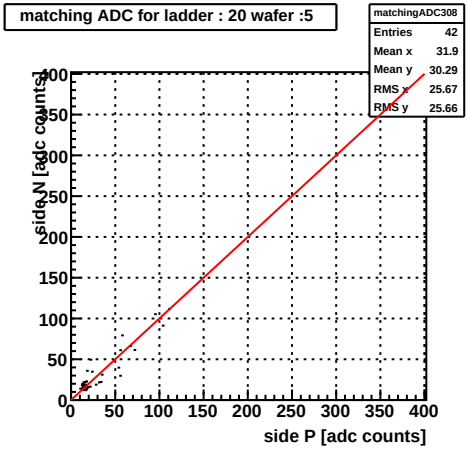

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 11
Mean x 42.27
Mean y 46.45
RMS x 25.66
RMS y 38.71
side N [adc counts]
side P [adc counts]

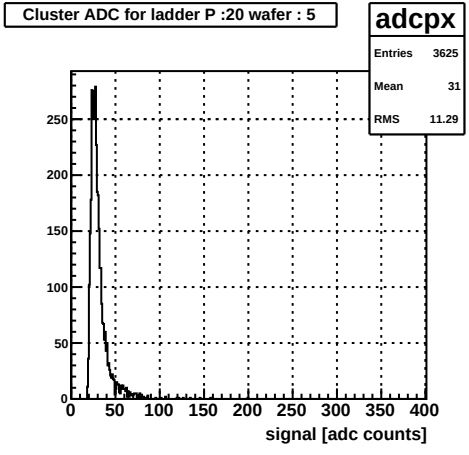

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3339
Mean 34.59
RMS 18.55
signal [adc counts]

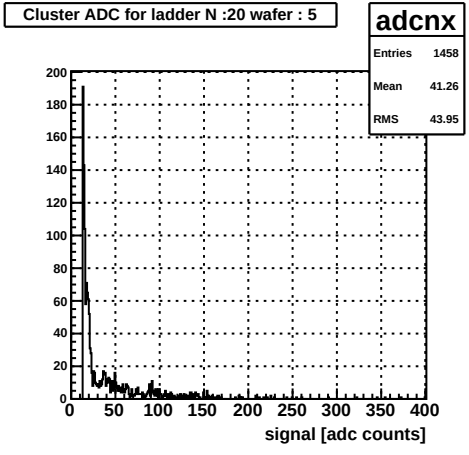

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2024
Mean 27.69
RMS 31.28
signal [adc counts]

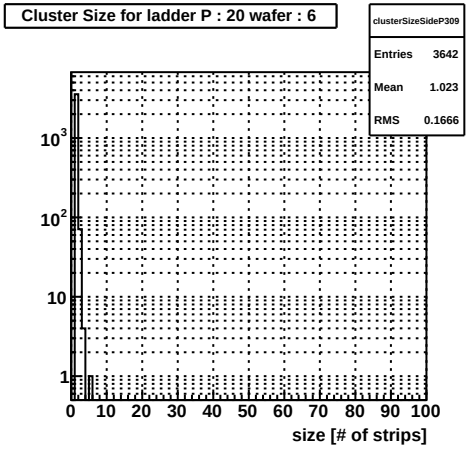

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3625
Mean 1.04
RMS 0.2035
size [# of strips]

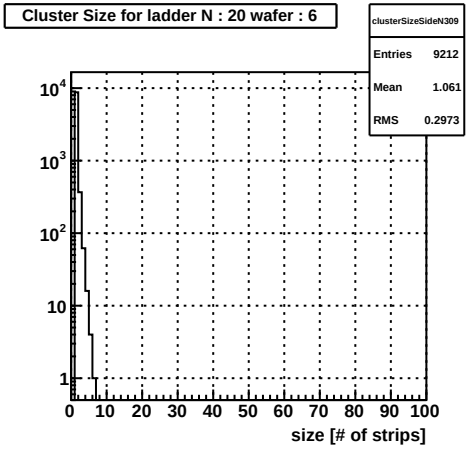

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1458
Mean 1.423
RMS 0.867
size [# of strips]

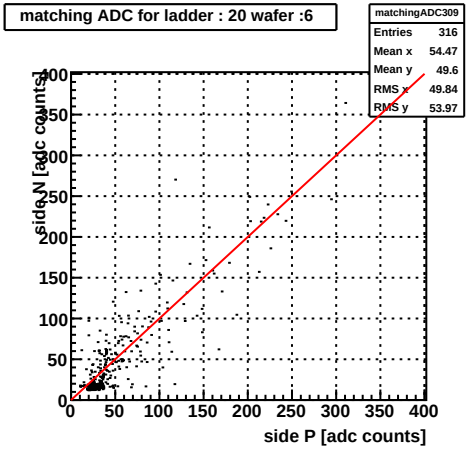

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 42
Mean x 31.9
Mean y 30.29
RMS x 25.67
RMS y 25.66
side N [adc counts]
side P [adc counts]

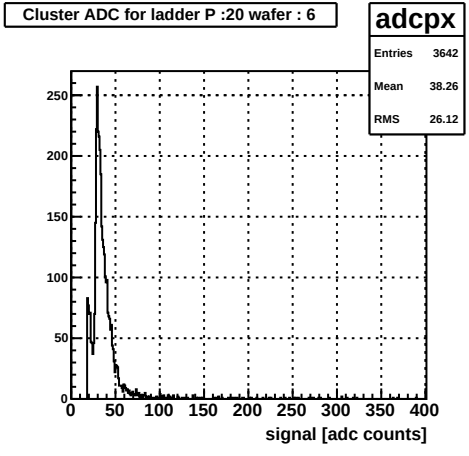

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3625
Mean 31
RMS 11.29
signal [adc counts]

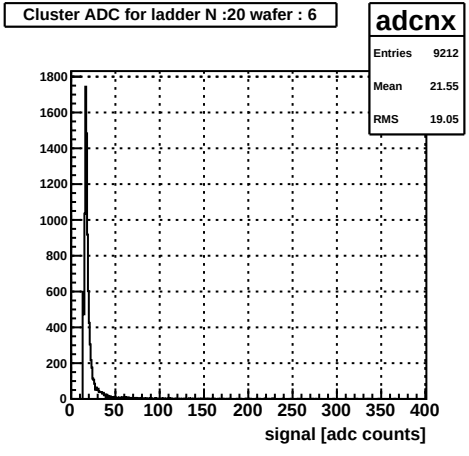

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1458
Mean 41.26
RMS 43.95
signal [adc counts]

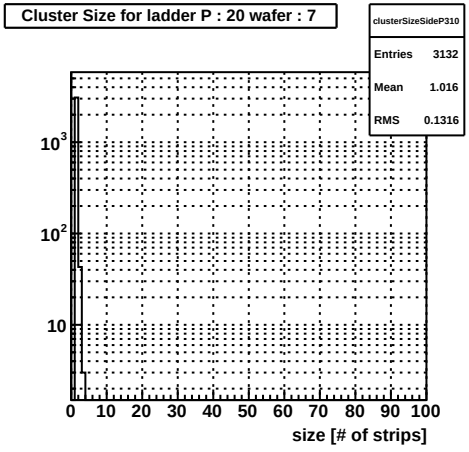

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3642
Mean 1.023
RMS 0.1666
size [# of strips]

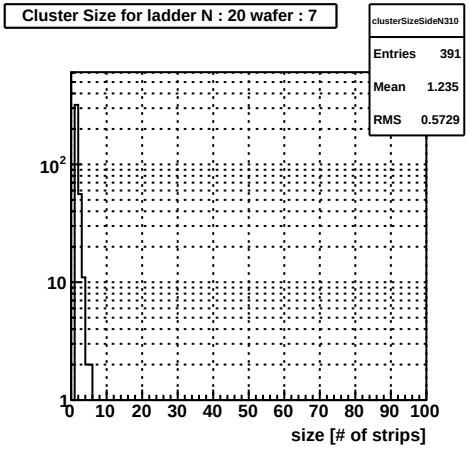

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9212
Mean 1.061
RMS 0.2973
size [# of strips]

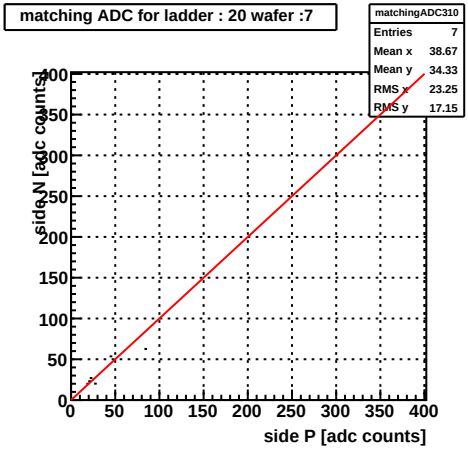

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 316
Mean x 54.47
Mean y 49.6
RMS x 49.84
RMS y 53.97
side N [adc counts]
side P [adc counts]

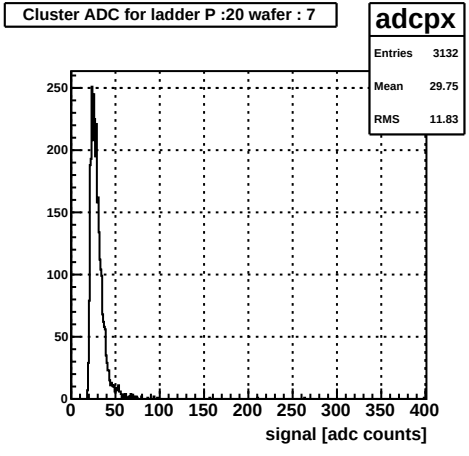

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3642
Mean 38.26
RMS 26.12
signal [adc counts]

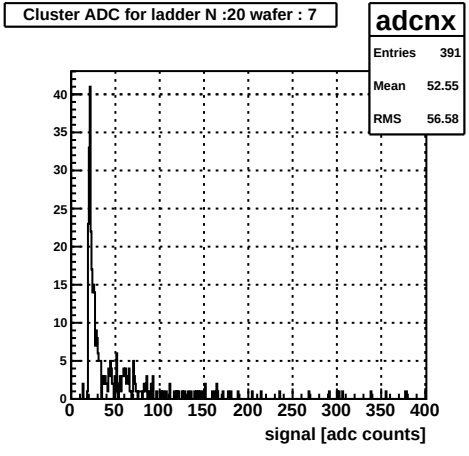

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9212
Mean 21.55
RMS 19.05
signal [adc counts]

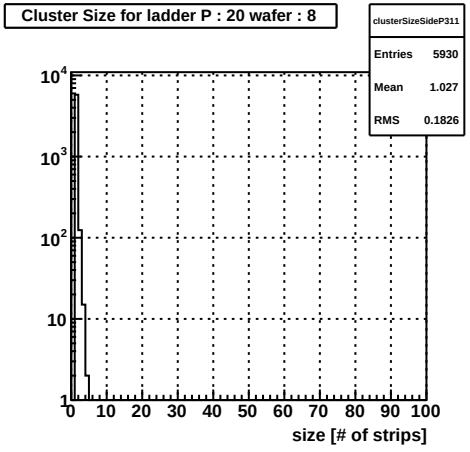

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3132
Mean 1.016
RMS 0.1316
size [# of strips]

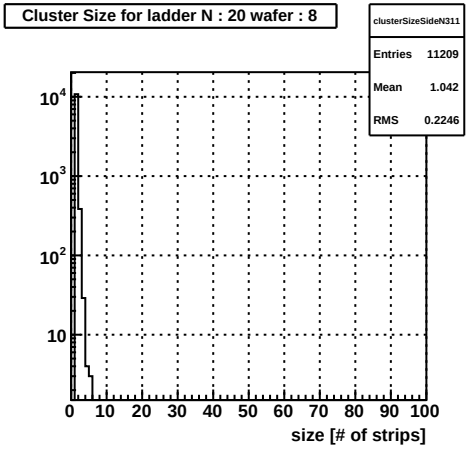

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 391
Mean 1.235
RMS 0.5729
size [# of strips]

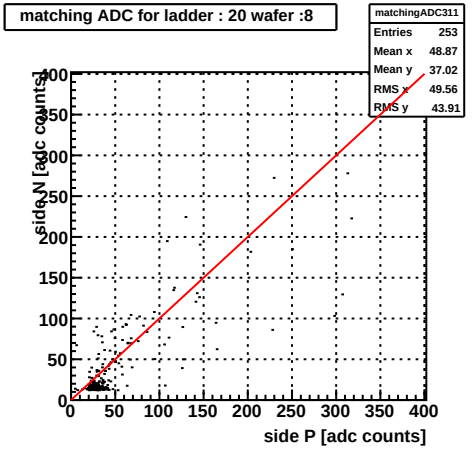

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 7
Mean x 38.67
Mean y 34.33
RMS x 23.25
RMS y 17.15
side N [adc counts]
side P [adc counts]

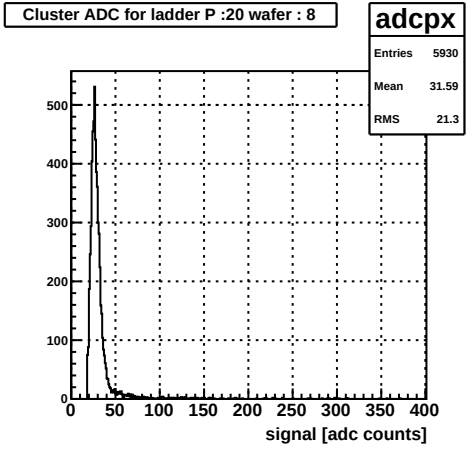

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3132
Mean 29.75
RMS 11.83
signal [adc counts]

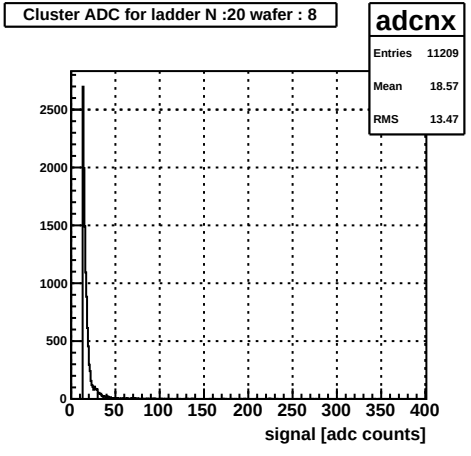

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 391
Mean 52.55
RMS 56.58
signal [adc counts]

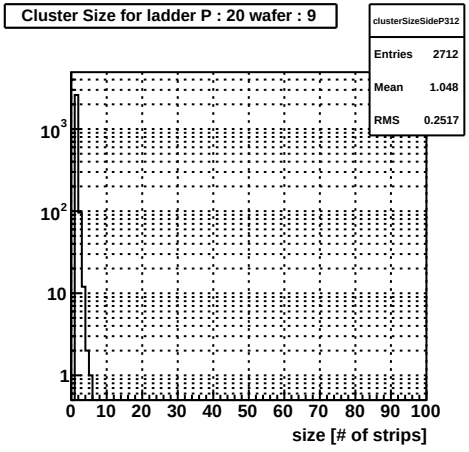

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5930
Mean 1.027
RMS 0.1826
size [# of strips]

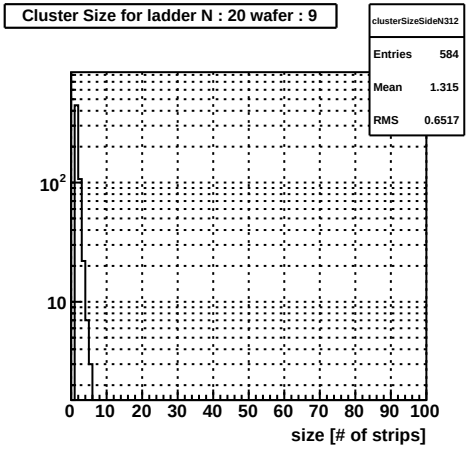

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11209
Mean 1.042
RMS 0.2246
size [# of strips]

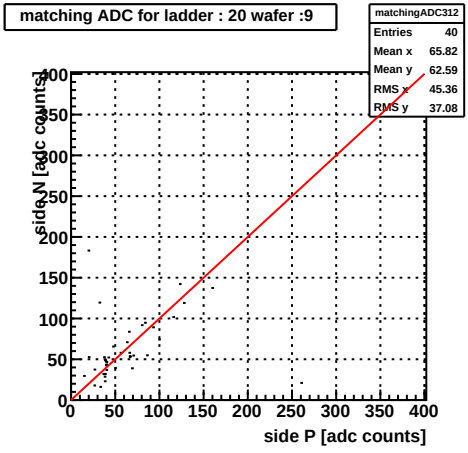

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 253
Mean x 48.87
Mean y 37.02
RMS x 49.56
RMS y 43.91
side N [adc counts]
side P [adc counts]

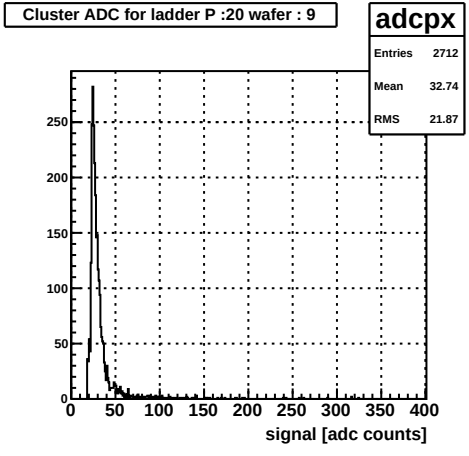

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5930
Mean 31.59
RMS 21.3
signal [adc counts]

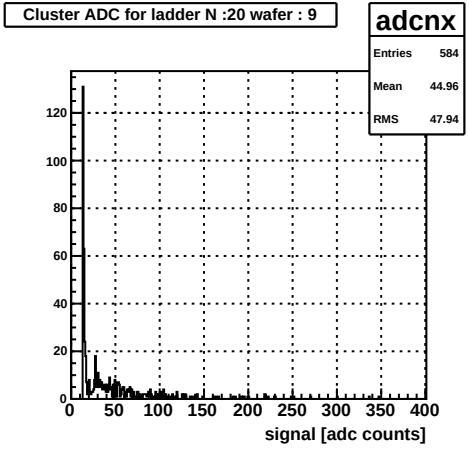

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11209
Mean 18.57
RMS 13.47
signal [adc counts]

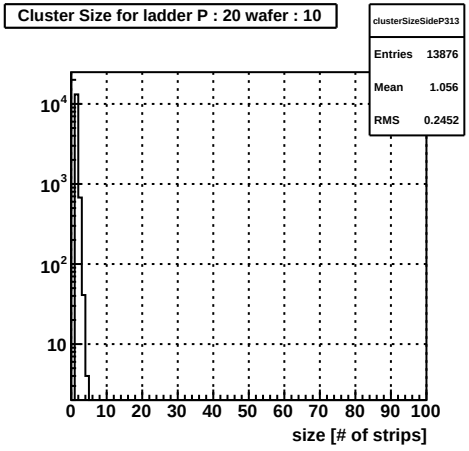

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2712
Mean 1.048
RMS 0.2517
size [# of strips]

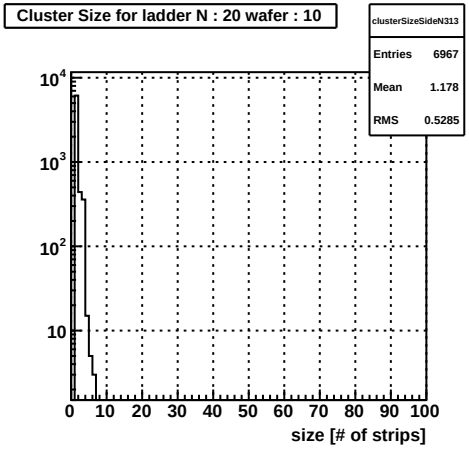

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 584
Mean 1.315
RMS 0.6517
size [# of strips]

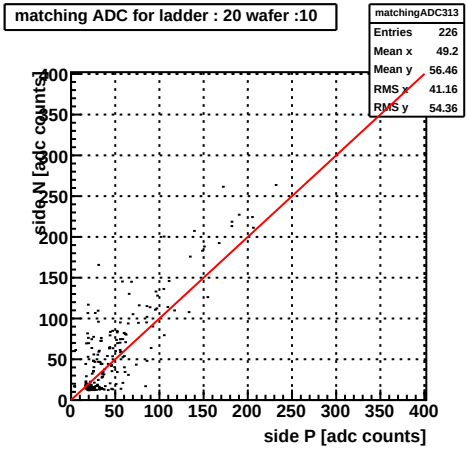

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 40
Mean x 65.82
Mean y 62.59
RMS x 45.36
RMS y 37.08
side N [adc counts]
side P [adc counts]

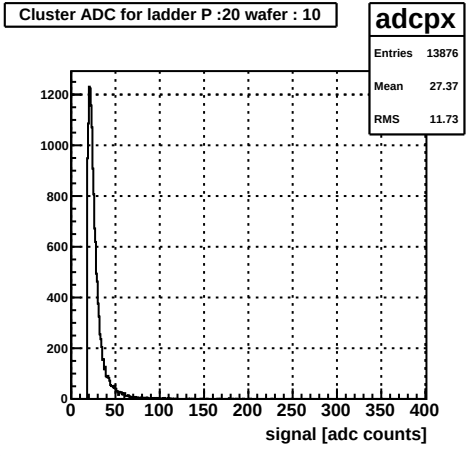

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2712
Mean 32.74
RMS 21.87
signal [adc counts]

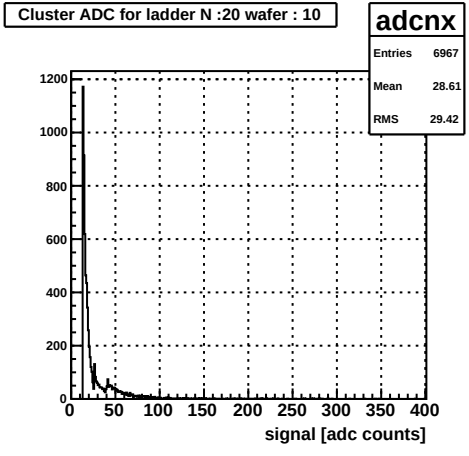

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 584
Mean 44.96
RMS 47.94
signal [adc counts]

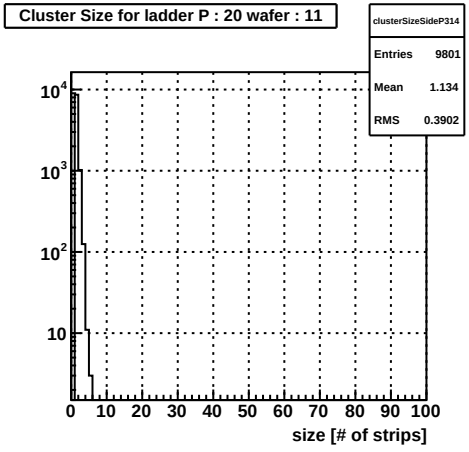

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13876
Mean 1.056
RMS 0.2452
size [# of strips]

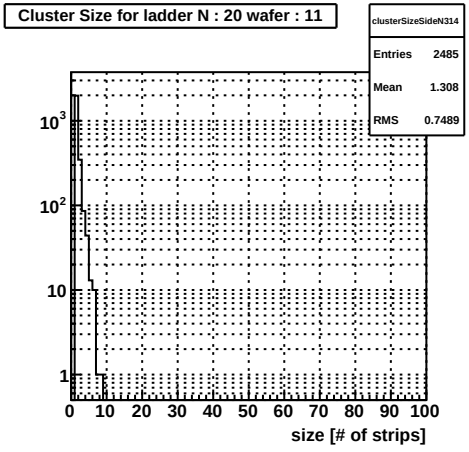

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 6967
Mean 1.178
RMS 0.5285
size [# of strips]

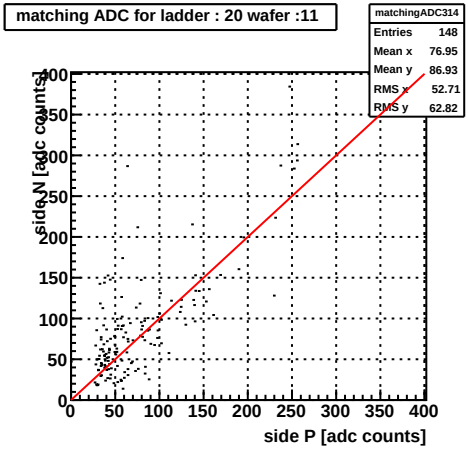

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 226
Mean x 49.2
Mean y 56.46
RMS x 41.16
RMS y 54.36
side N [adc counts]
side P [adc counts]

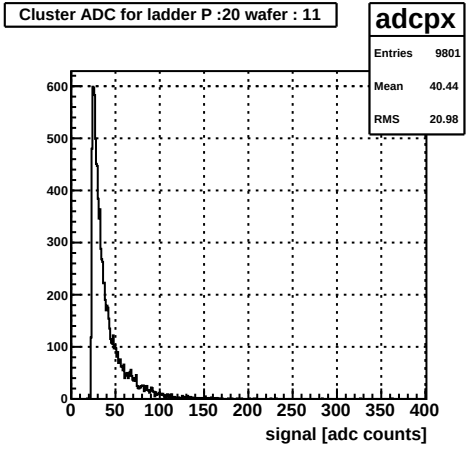

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13876
Mean 27.37
RMS 11.73
signal [adc counts]

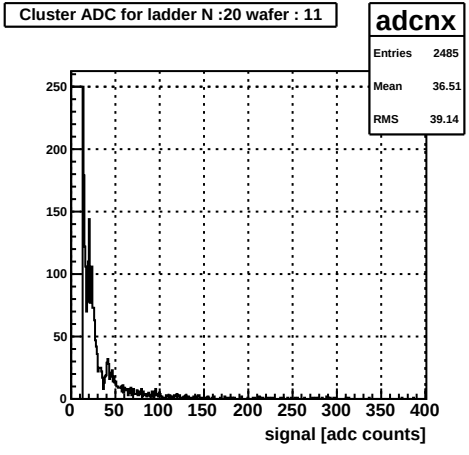

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 6967
Mean 28.61
RMS 29.42
signal [adc counts]

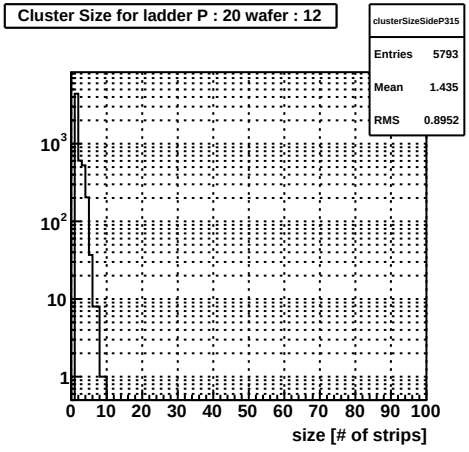

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9801
Mean 1.134
RMS 0.3902
size [# of strips]

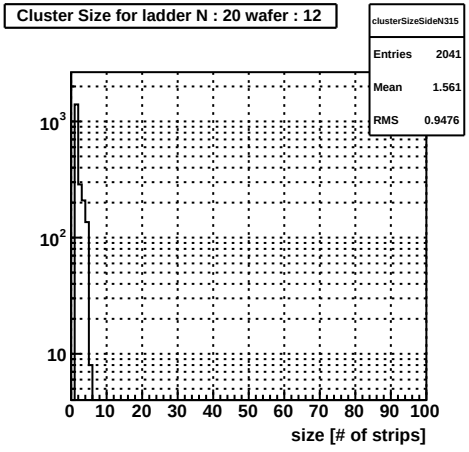

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2485
Mean 1.308
RMS 0.7489
size [# of strips]

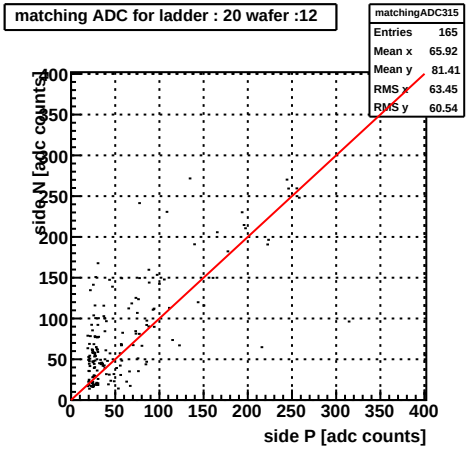

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 148
Mean x 76.95
Mean y 86.93
RMS x 52.71
RMS y 62.82
side N [adc counts]
side P [adc counts]

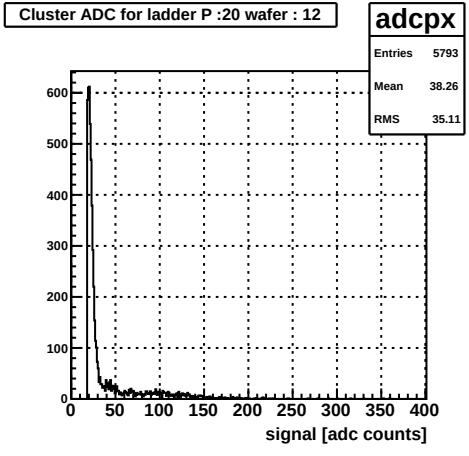

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9801
Mean 40.44
RMS 20.98
signal [adc counts]

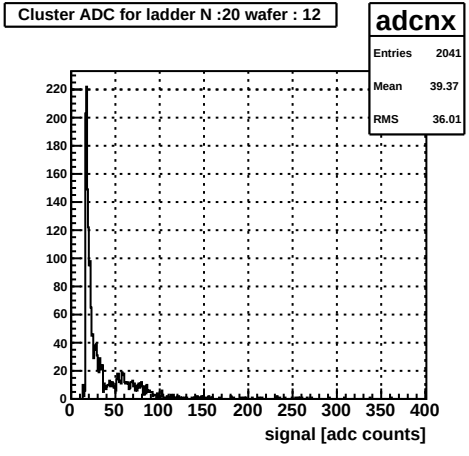

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2485
Mean 36.51
RMS 39.14
signal [adc counts]

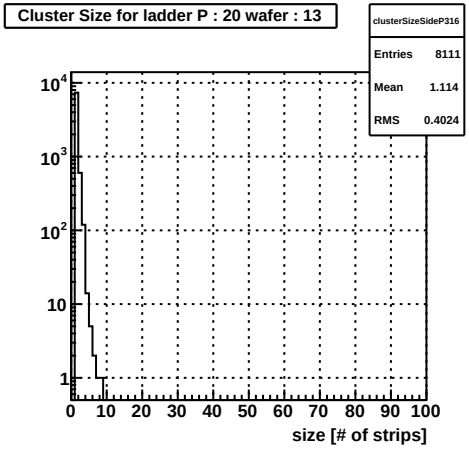

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5793
Mean 1.435
RMS 0.8952
size [# of strips]

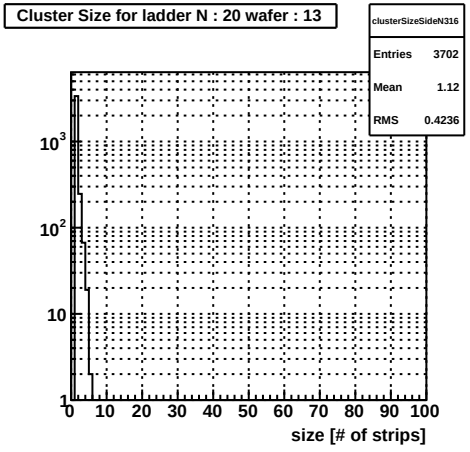

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2041
Mean 1.561
RMS 0.9476
size [# of strips]

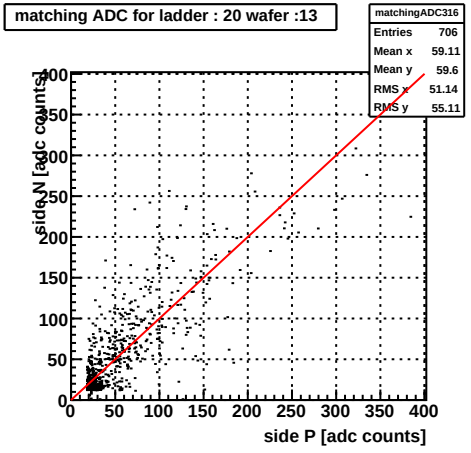

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 165
Mean x 65.92
Mean y 81.41
RMS x 63.45
RMS y 60.54
side N [adc counts]
side P [adc counts]

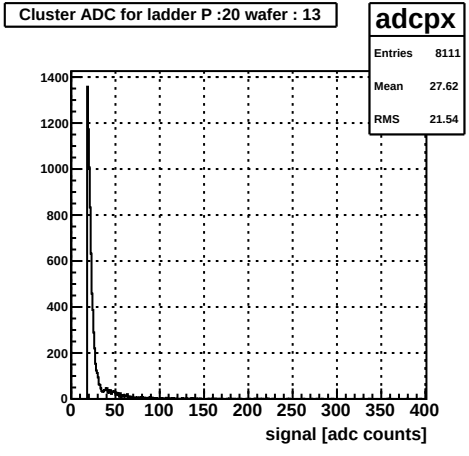

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5793
Mean 38.26
RMS 35.11
signal [adc counts]

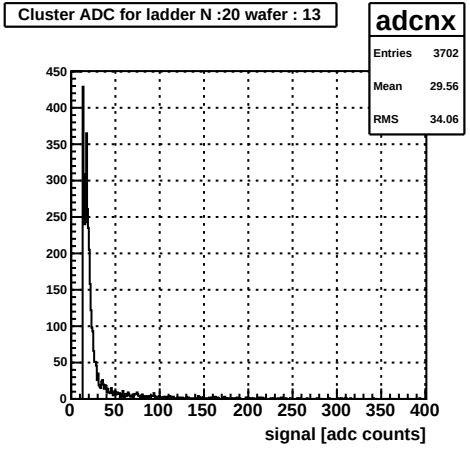

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2041
Mean 39.37
RMS 36.01
signal [adc counts]

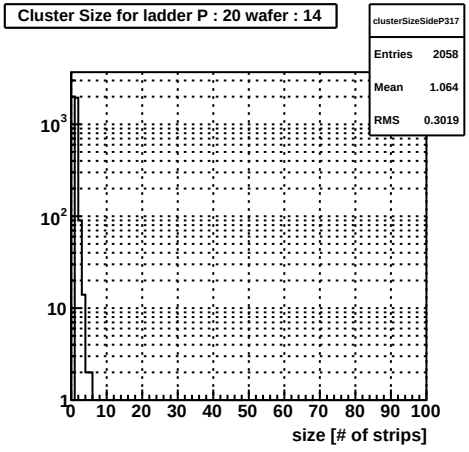

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8111
Mean 1.114
RMS 0.4024
size [# of strips]

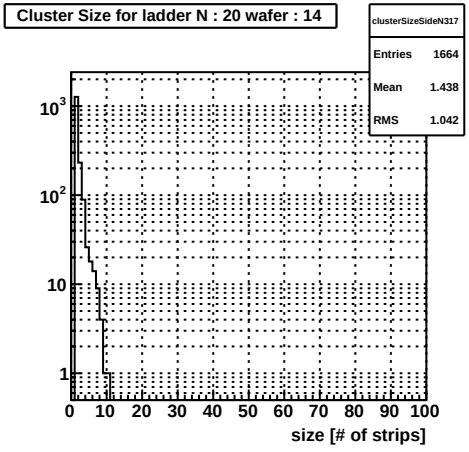

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3702
Mean 1.12
RMS 0.4236
size [# of strips]

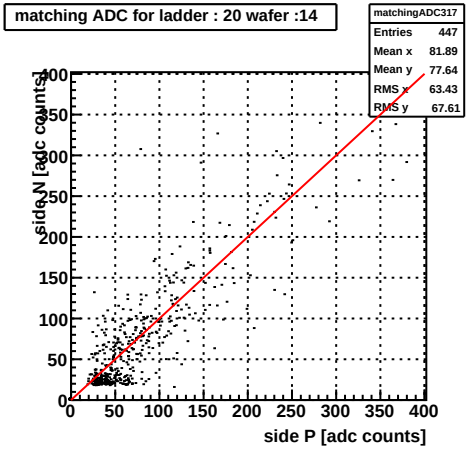

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 706
Mean x 59.11
Mean y 59.6
RMS x 51.14
RMS y 55.11
side N [adc counts]
side P [adc counts]

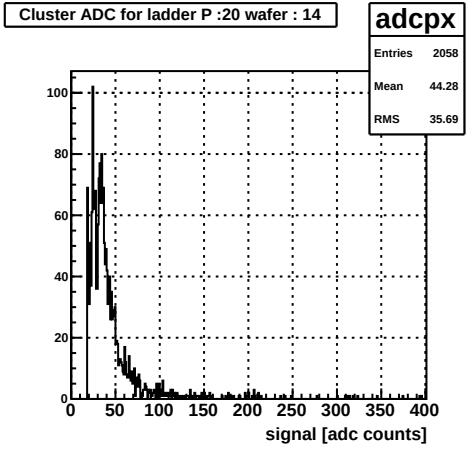

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8111
Mean 27.62
RMS 21.54
signal [adc counts]

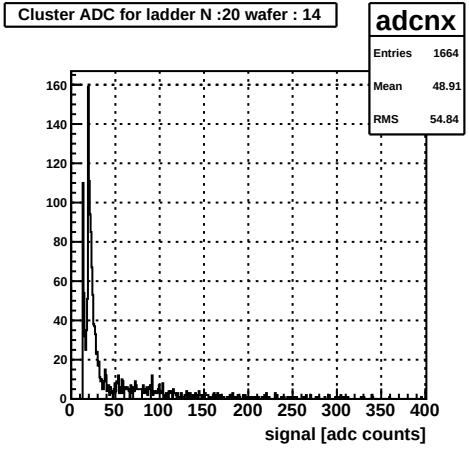

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3702
Mean 29.56
RMS 34.06
signal [adc counts]

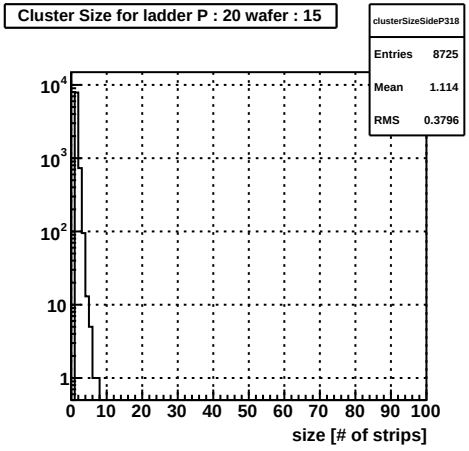

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2058
Mean 1.064
RMS 0.3019
size [# of strips]

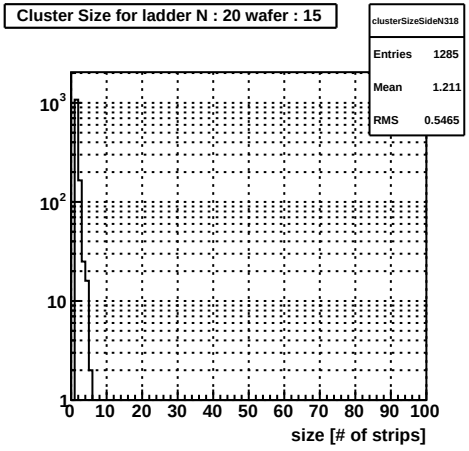

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1664
Mean 1.438
RMS 1.042
size [# of strips]

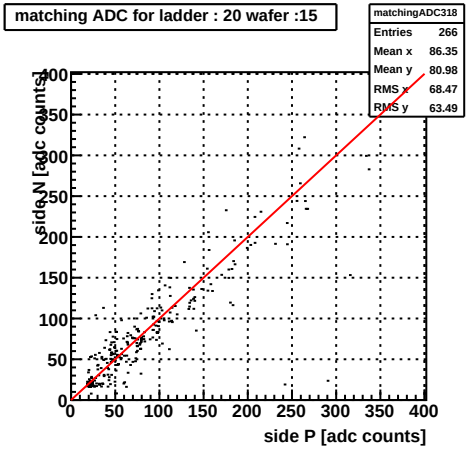

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 447
Mean x 81.89
Mean y 77.64
RMS x 63.43
RMS y 67.61
side N [adc counts]
side P [adc counts]

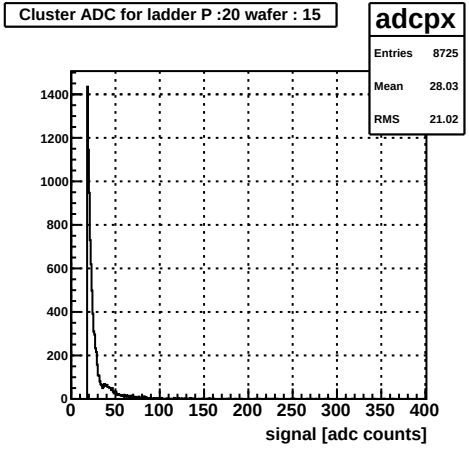

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2058
Mean 44.28
RMS 35.69
signal [adc counts]

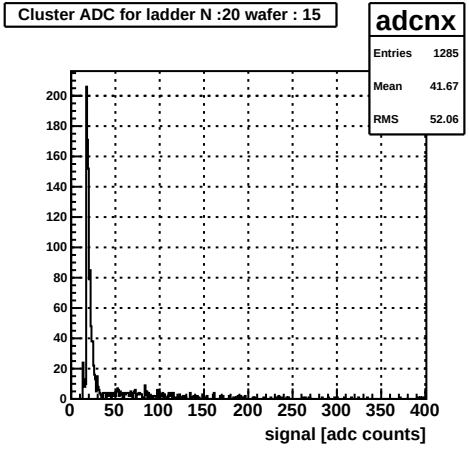

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1664
Mean 48.91
RMS 54.84
signal [adc counts]

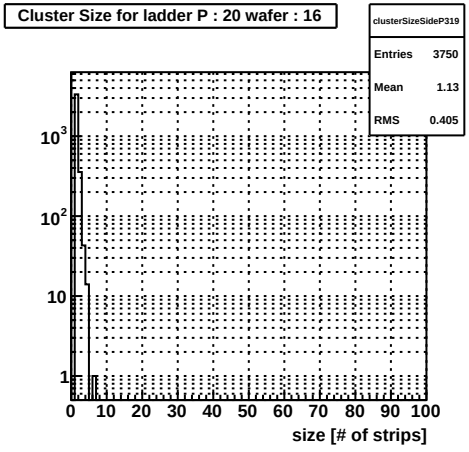

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8725
Mean 1.114
RMS 0.3796
size [# of strips]

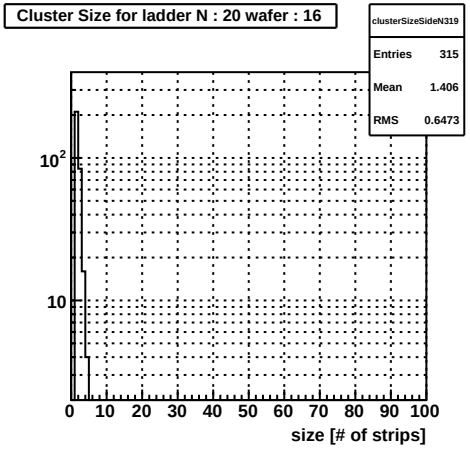

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1285
Mean 1.211
RMS 0.5465
size [# of strips]

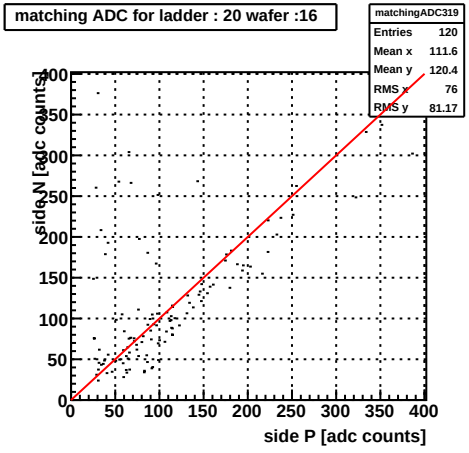

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 266
Mean x 86.35
Mean y 80.98
RMS x 68.47
RMS y 63.49
side N [adc counts]
side P [adc counts]

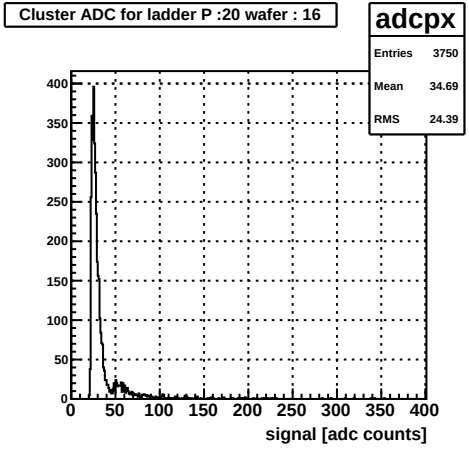

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8725
Mean 28.03
RMS 21.02
signal [adc counts]

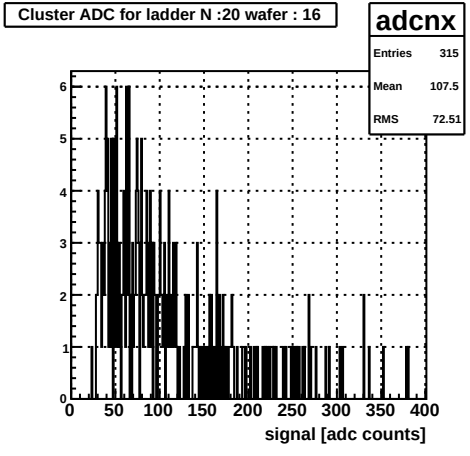

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1285
Mean 41.67
RMS 52.06
signal [adc counts]

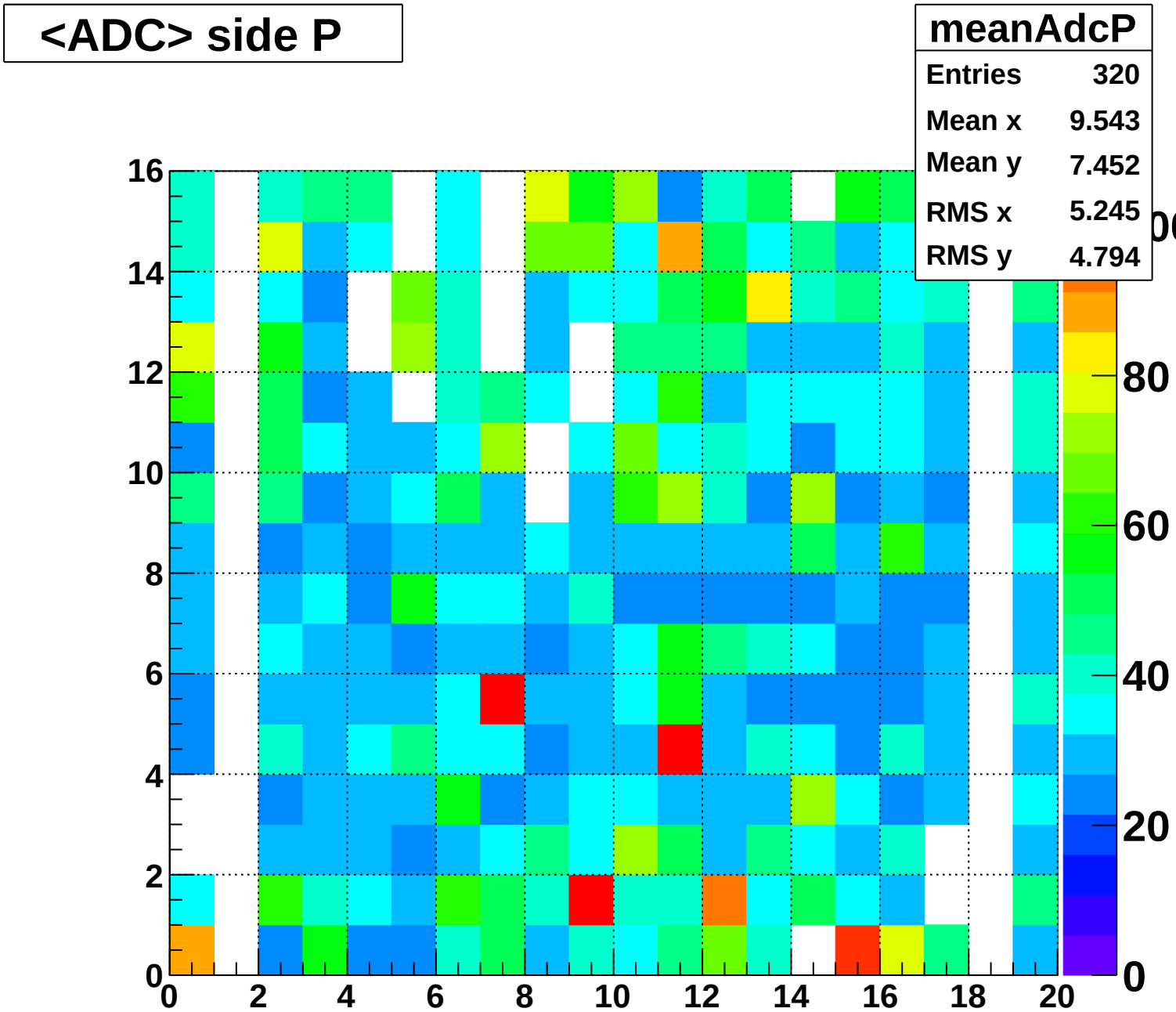

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3750
Mean 1.13
RMS 0.405
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 315
Mean 1.406
RMS 0.6473
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 120
Mean x 111.6
Mean y 120.4
RMS x 76
RMS y 81.17
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3750
Mean 34.69
RMS 24.39
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 315
Mean 107.5
RMS 72.51
signal [adc counts]



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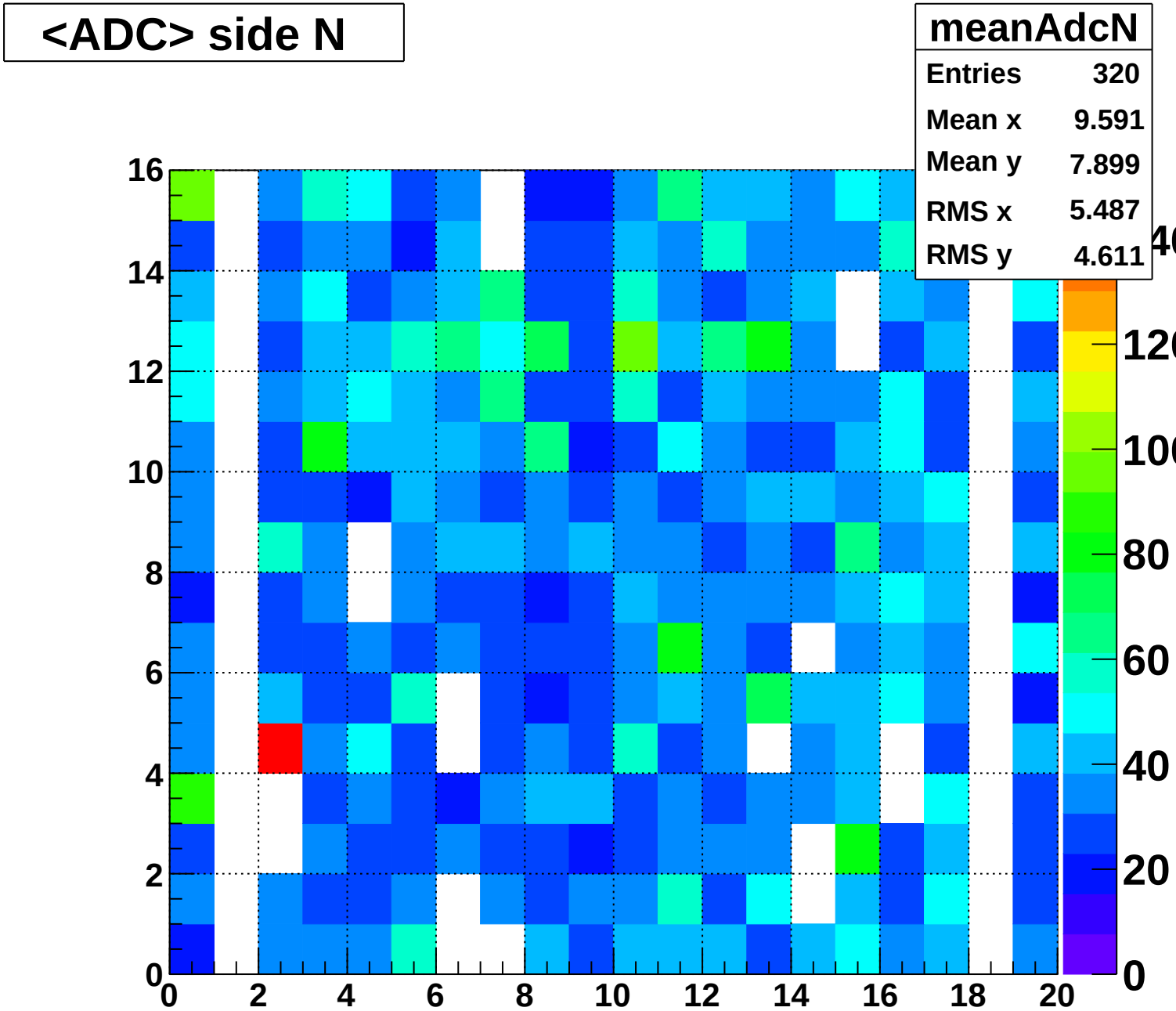

2016-05-24 20:37:39