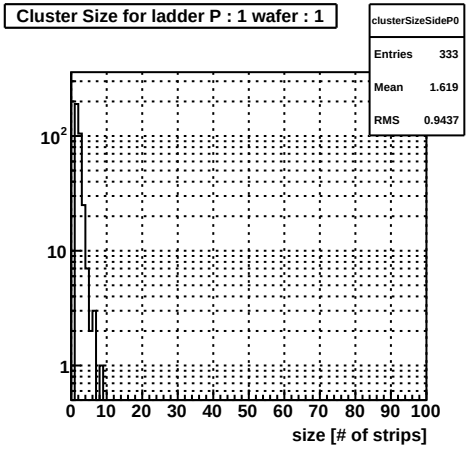
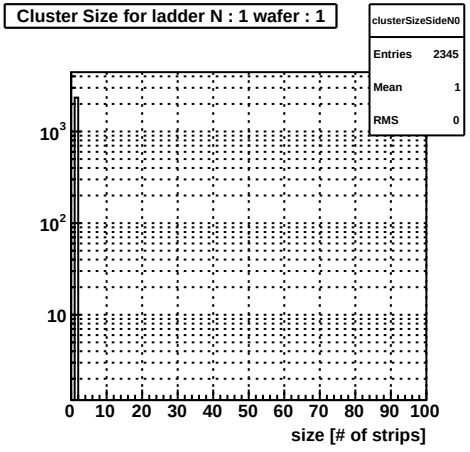
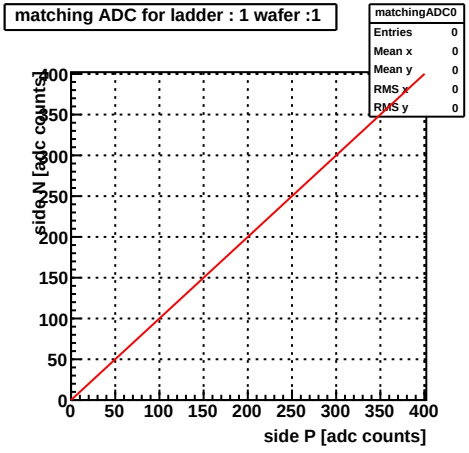
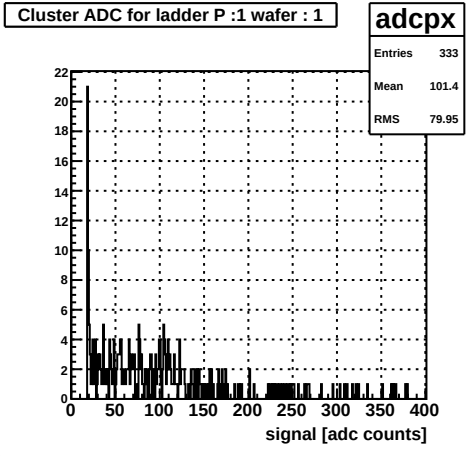
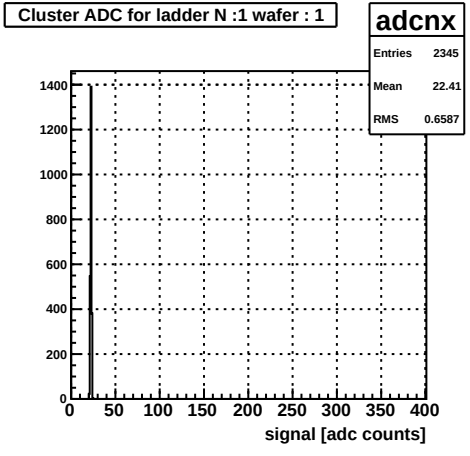
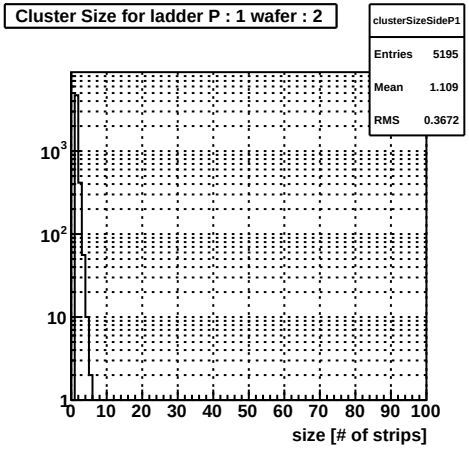

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 333
Mean 1.619
RMS 0.9437
size [# of strips]

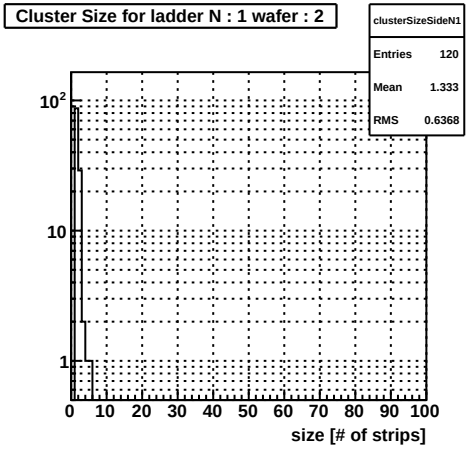

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2345
Mean 1
RMS 0
size [# of strips]

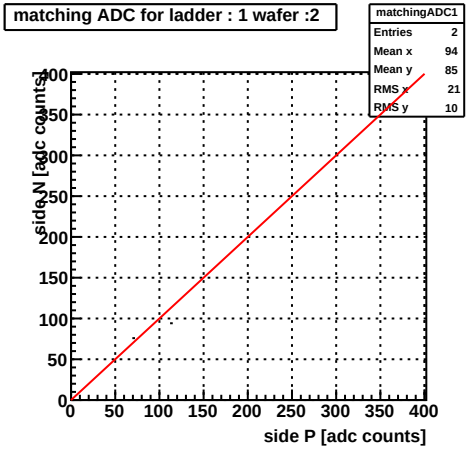

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

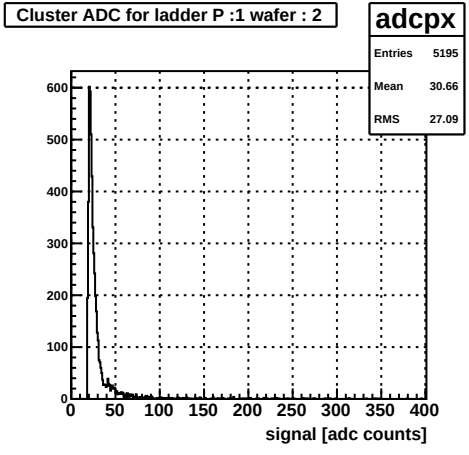

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 333
Mean 101.4
RMS 79.95
signal [adc counts]

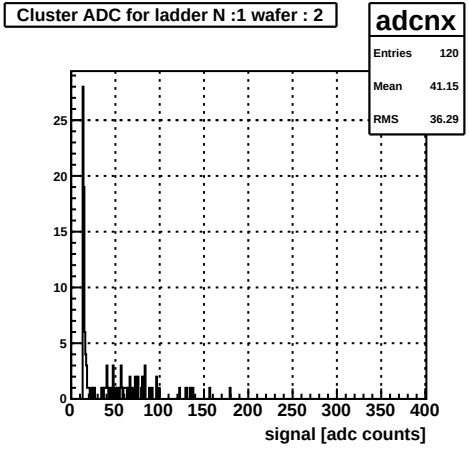

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2345
Mean 22.41
RMS 0.6587
signal [adc counts]

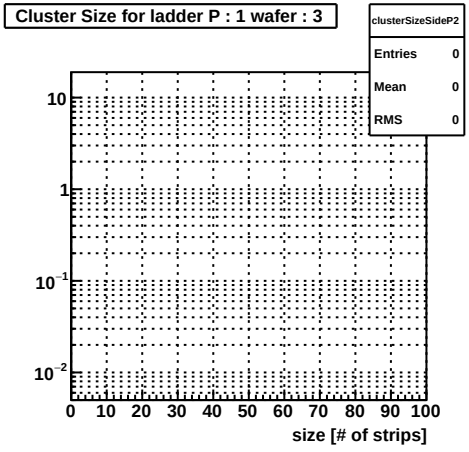

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5195
Mean 1.109
RMS 0.3672
size [# of strips]

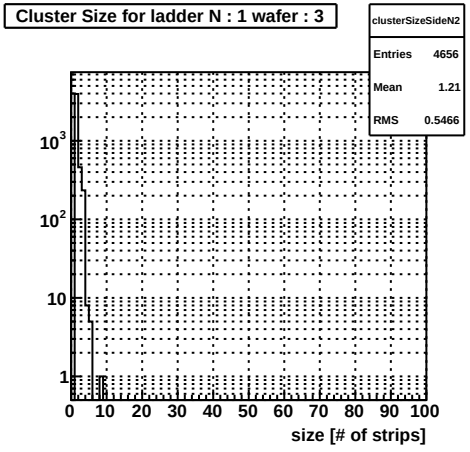

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 120
Mean 1.333
RMS 0.6368
size [# of strips]

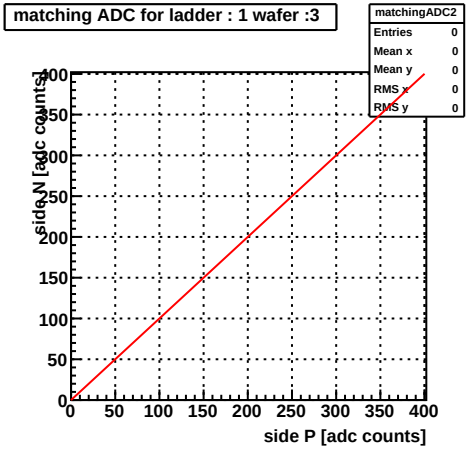

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 94
Mean y 85
RMS x 21
RMS y 10
side N [adc counts]
side P [adc counts]

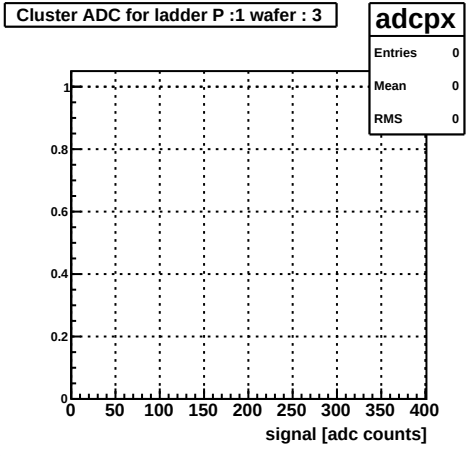

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5195
Mean 30.66
RMS 27.09
signal [adc counts]

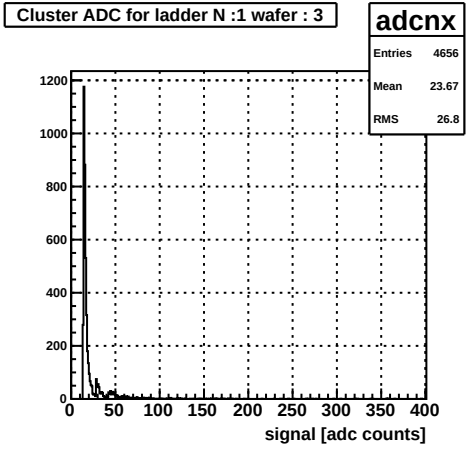

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 120
Mean 41.15
RMS 36.29
signal [adc counts]

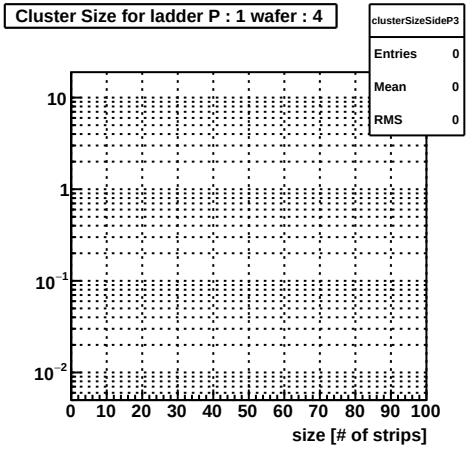

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

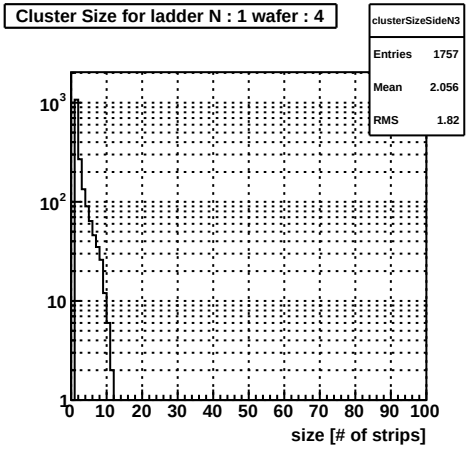

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4656
Mean 1.21
RMS 0.5466
size [# of strips]

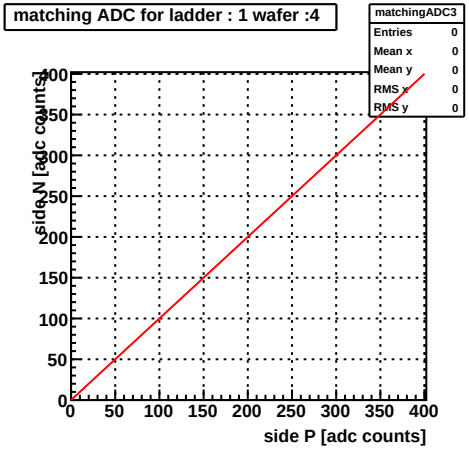

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

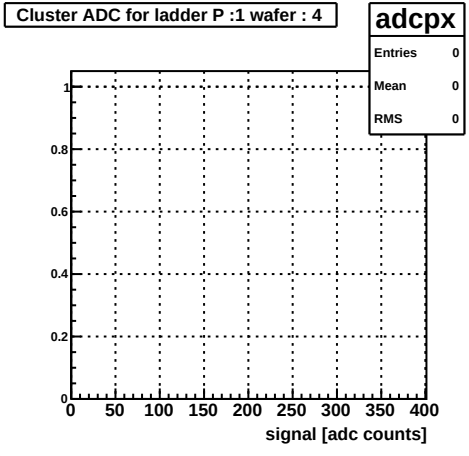

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

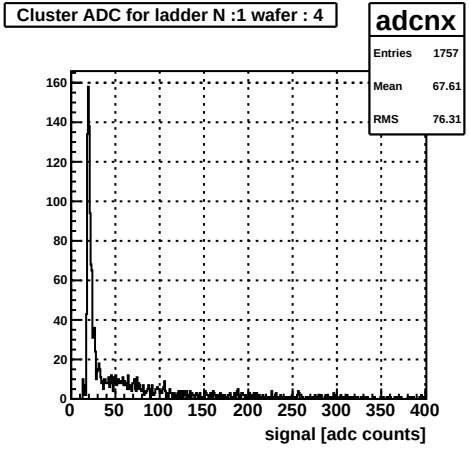

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4656
Mean 23.67
RMS 26.8
signal [adc counts]

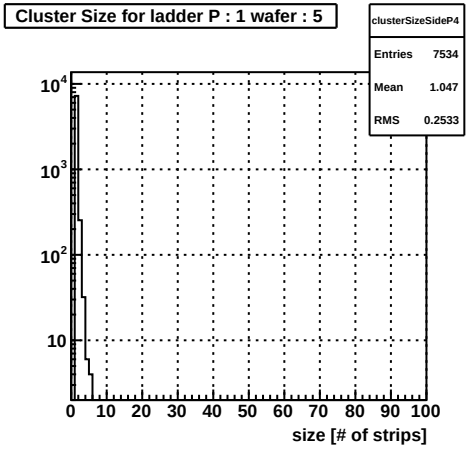

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

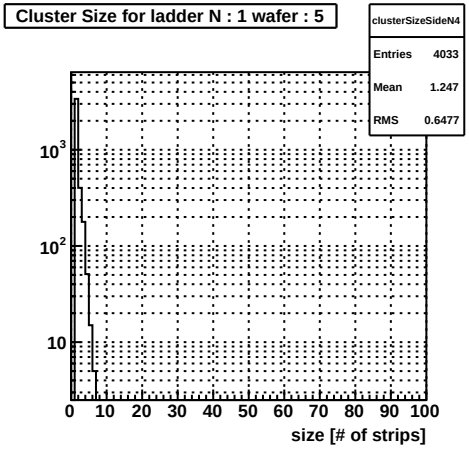

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1757
Mean 2.056
RMS 1.82
size [# of strips]

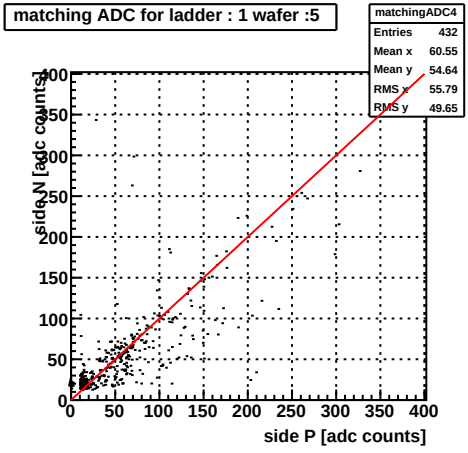

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

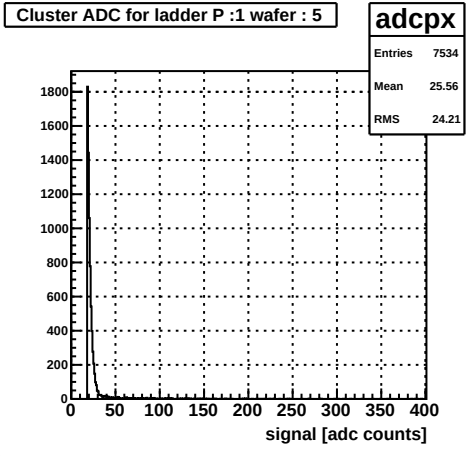

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

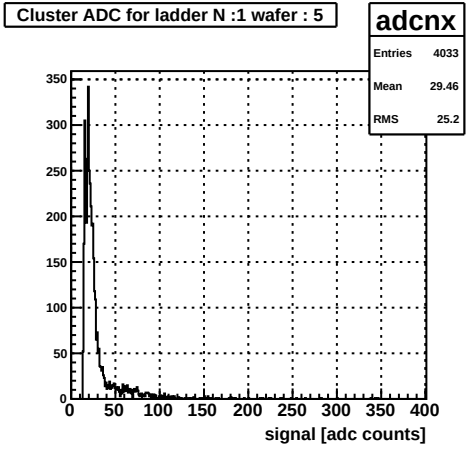

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1757
Mean 67.61
RMS 76.31
signal [adc counts]

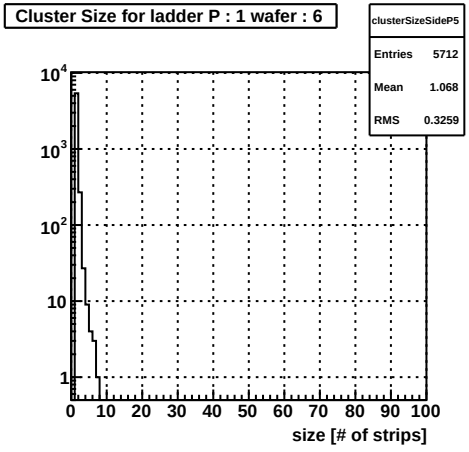

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7534
Mean 1.047
RMS 0.2533
size [# of strips]

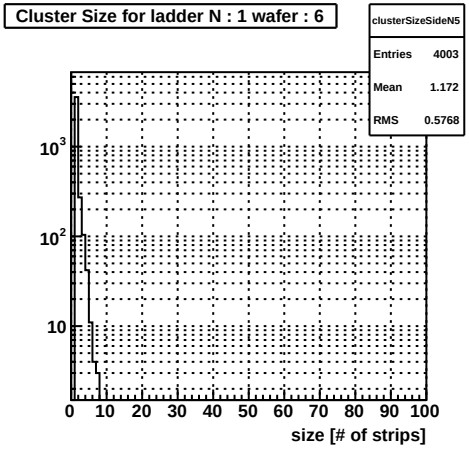

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4033
Mean 1.247
RMS 0.6477
size [# of strips]

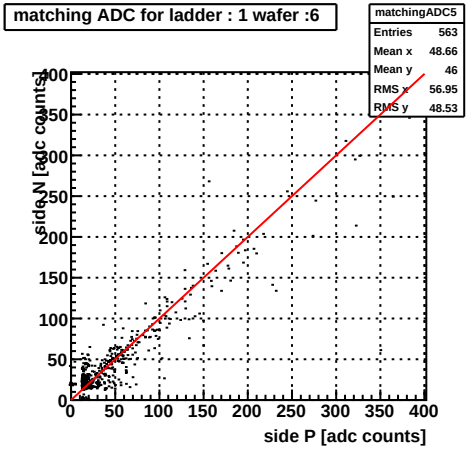

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 432
Mean x 60.55
Mean y 54.64
RMS x 55.79
RMS y 49.65
side N [adc counts]
side P [adc counts]

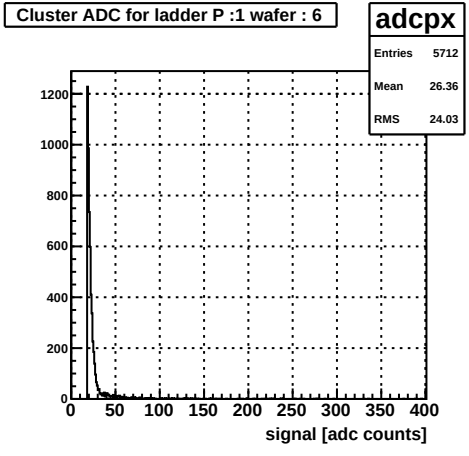

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7534
Mean 25.56
RMS 24.21
signal [adc counts]

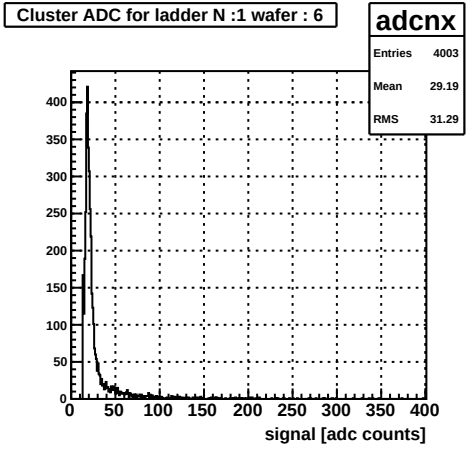

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4033
Mean 29.46
RMS 25.2
signal [adc counts]

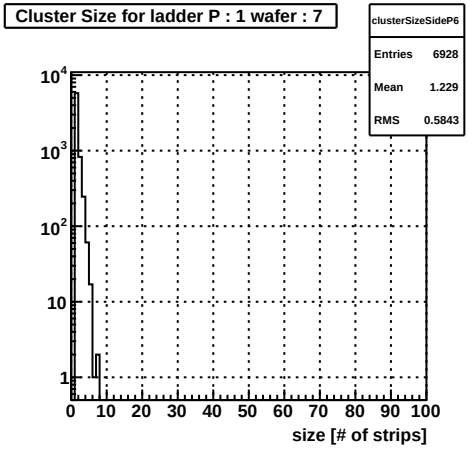

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5712
Mean 1.068
RMS 0.3259
size [# of strips]

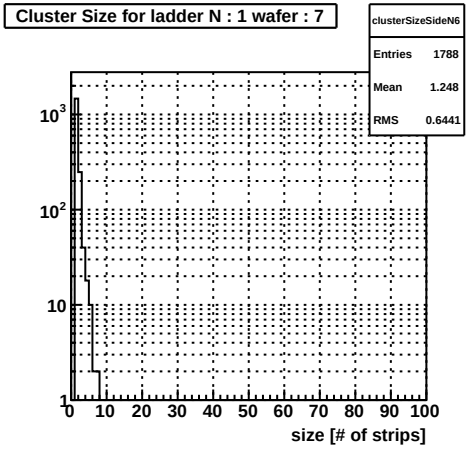

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4003
Mean 1.172
RMS 0.5768
size [# of strips]

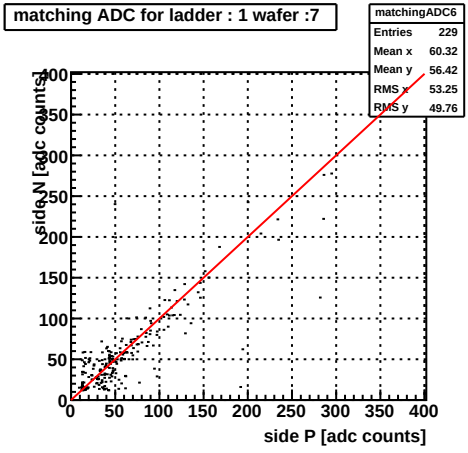

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 563
Mean x 48.66
Mean y 46
RMS x 56.95
RMS y 48.53
side N [adc counts]
side P [adc counts]

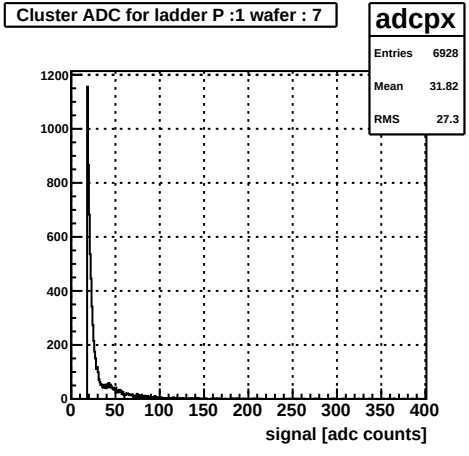

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5712
Mean 26.36
RMS 24.03
signal [adc counts]

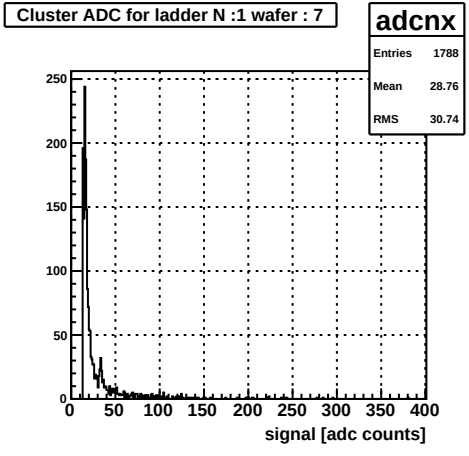

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4003
Mean 29.19
RMS 31.29
signal [adc counts]

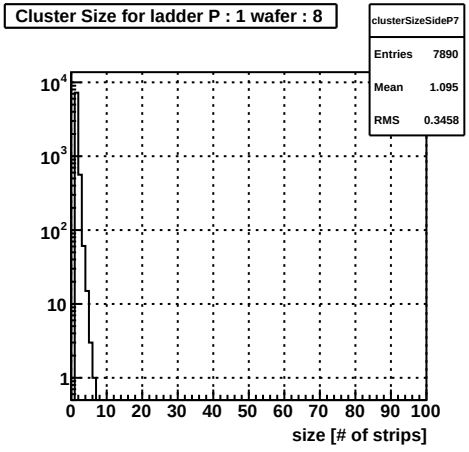

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6928
Mean 1.229
RMS 0.5843
size [# of strips]

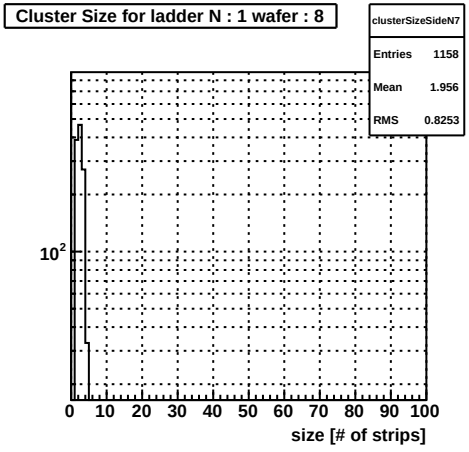

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1788
Mean 1.248
RMS 0.6441
size [# of strips]

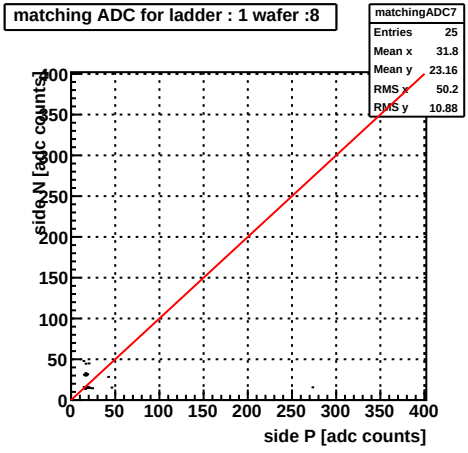

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 229
Mean x 60.32
Mean y 56.42
RMS x 53.25
RMS y 49.76
side N [adc counts]
side P [adc counts]

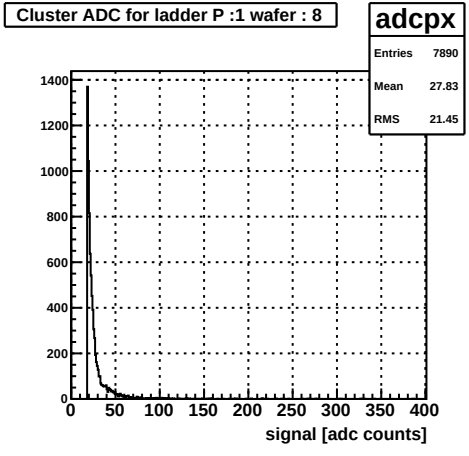

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6928
Mean 31.82
RMS 27.3
signal [adc counts]

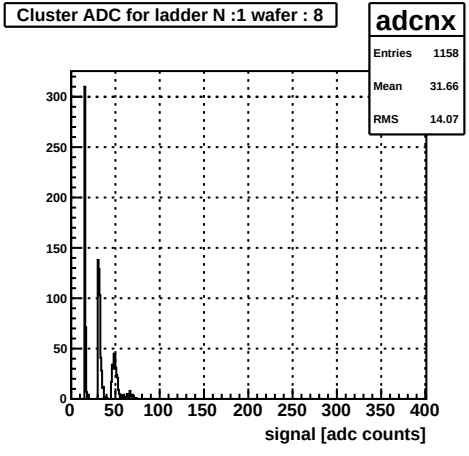

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1788
Mean 28.76
RMS 30.74
signal [adc counts]

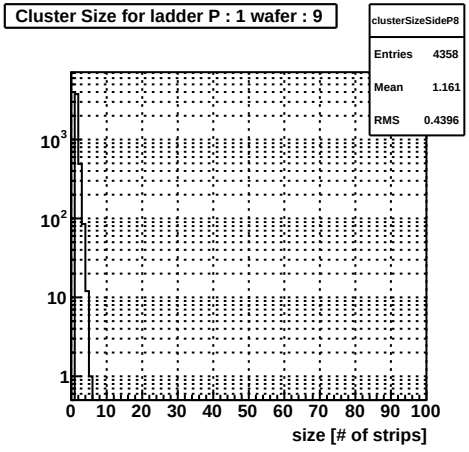

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7890
Mean 1.095
RMS 0.3458
size [# of strips]

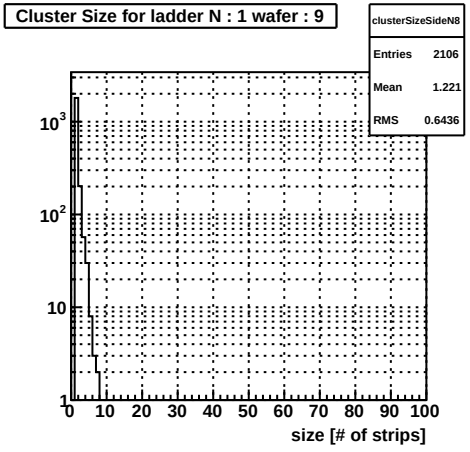

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1158
Mean 1.956
RMS 0.8253
size [# of strips]

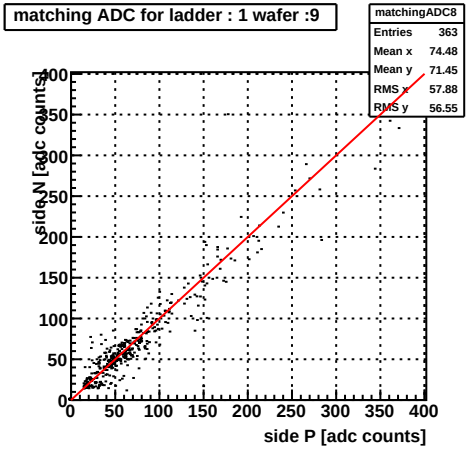

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 25
Mean x 31.8
Mean y 23.16
RMS x 50.2
RMS y 10.88
side N [adc counts]
side P [adc counts]

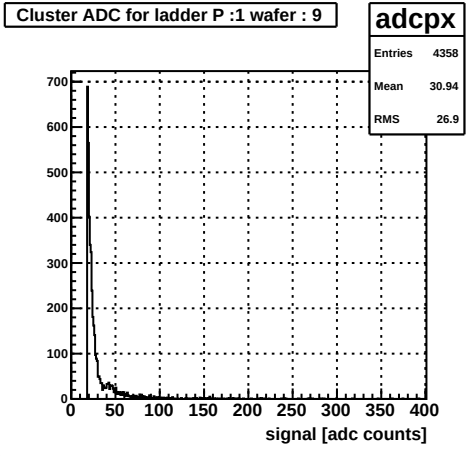

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7890
Mean 27.83
RMS 21.45
signal [adc counts]

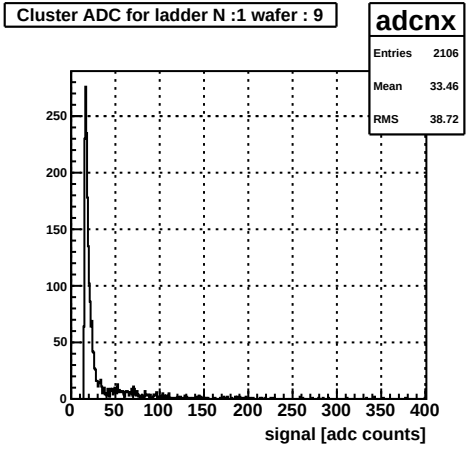

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1158
Mean 31.66
RMS 14.07
signal [adc counts]

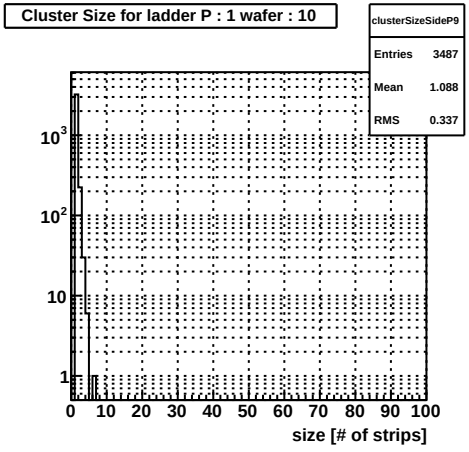

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4358
Mean 1.161
RMS 0.4396
size [# of strips]

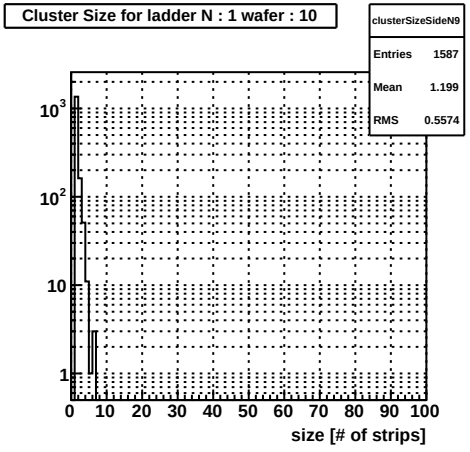

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2106
Mean 1.221
RMS 0.6436
size [# of strips]

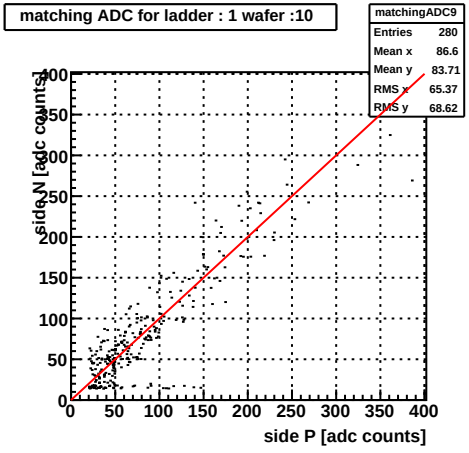

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 363
Mean x 74.48
Mean y 71.45
RMS x 57.88
RMS y 56.55
side N [adc counts]
side P [adc counts]

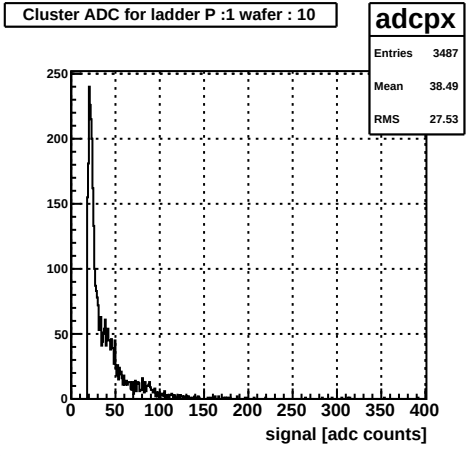

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4358
Mean 30.94
RMS 26.9
signal [adc counts]

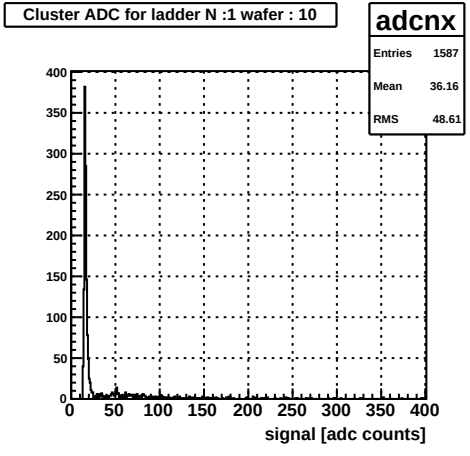

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2106
Mean 33.46
RMS 38.72
signal [adc counts]

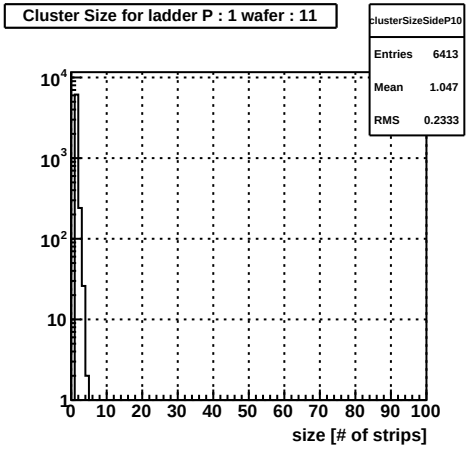

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 3487
Mean 1.088
RMS 0.337
size [# of strips]

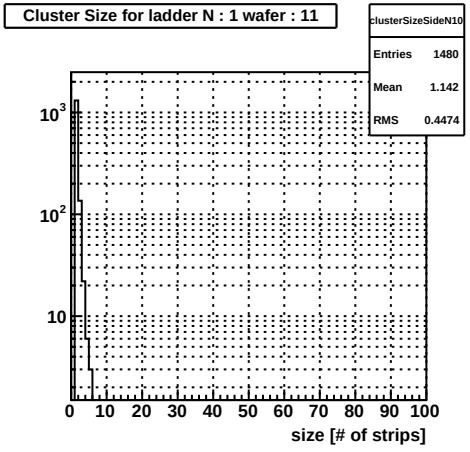

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1587
Mean 1.199
RMS 0.5574
size [# of strips]

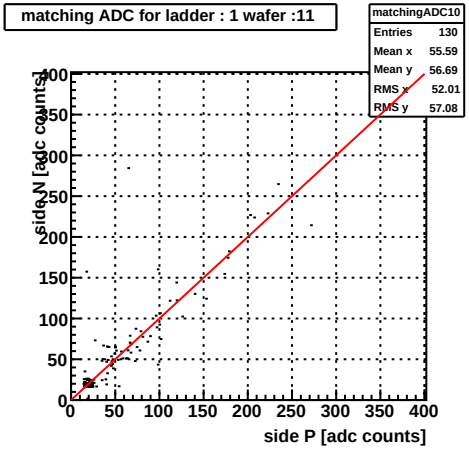

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 280
Mean x 86.6
Mean y 83.71
RMS x 65.37
RMS y 68.62
side N [adc counts]
side P [adc counts]

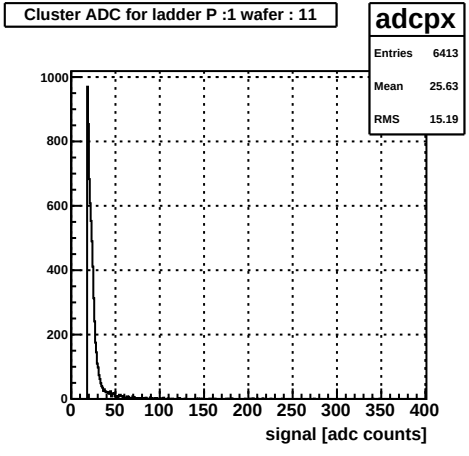

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 3487
Mean 38.49
RMS 27.53
signal [adc counts]

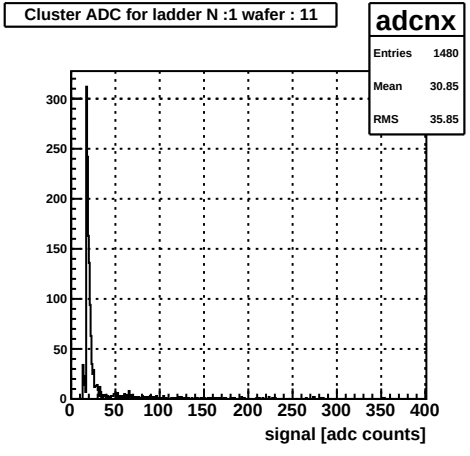

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1587
Mean 36.16
RMS 48.61
signal [adc counts]

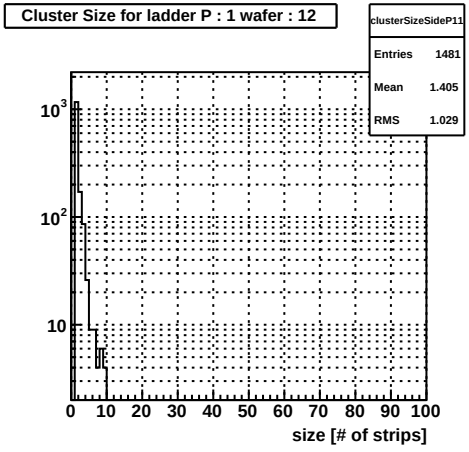

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6413
Mean 1.047
RMS 0.2333
size [# of strips]

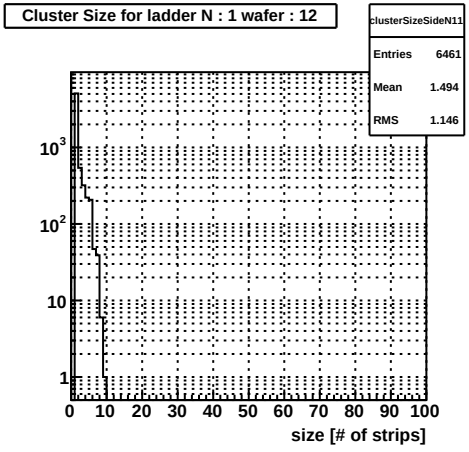

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1480
Mean 1.142
RMS 0.4474
size [# of strips]

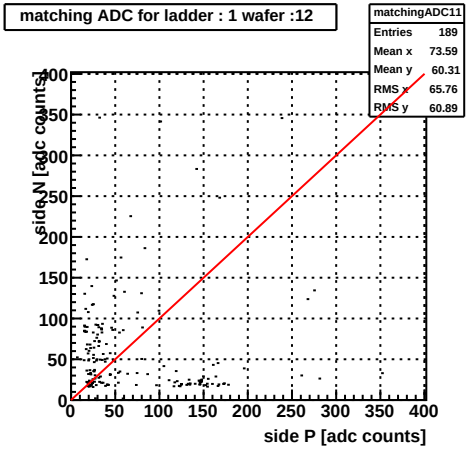

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 130
Mean x 55.59
Mean y 56.69
RMS x 52.01
RMS y 57.08
side N [adc counts]
side P [adc counts]

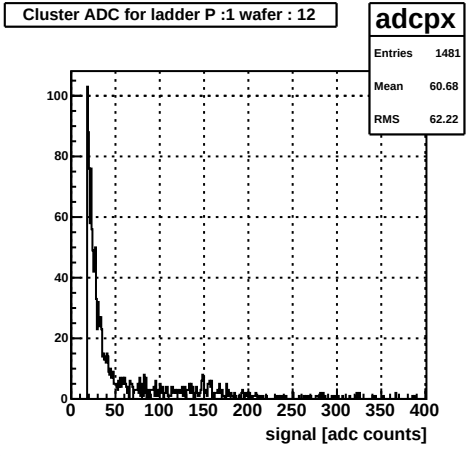

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6413
Mean 25.63
RMS 15.19
signal [adc counts]

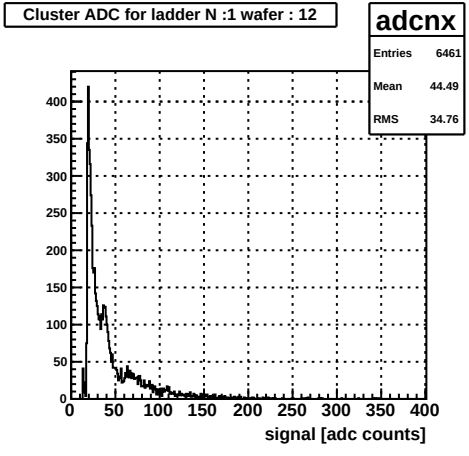

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1480
Mean 30.85
RMS 35.85
signal [adc counts]

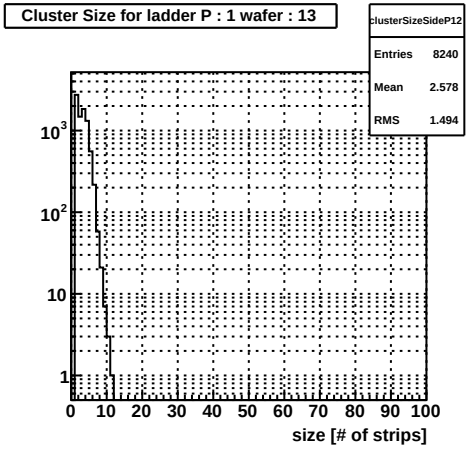

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1481
Mean 1.405
RMS 1.029
size [# of strips]

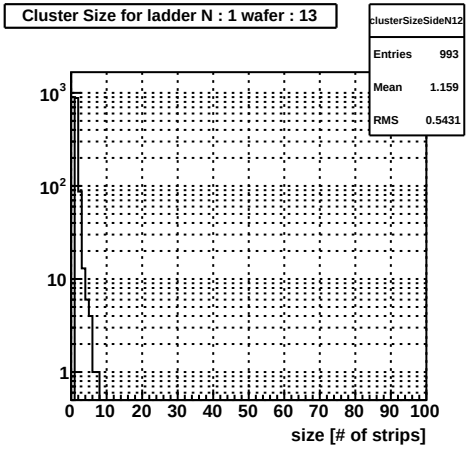

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6461
Mean 1.494
RMS 1.146
size [# of strips]

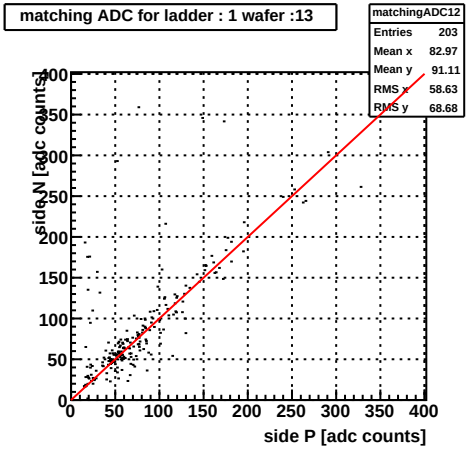

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 189
Mean x 73.59
Mean y 60.31
RMS x 65.76
RMS y 60.89
side N [adc counts]
side P [adc counts]

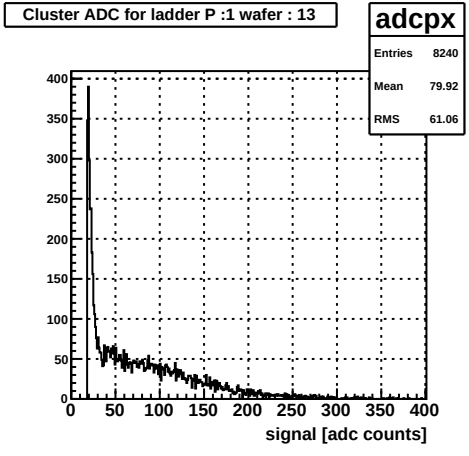

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1481
Mean 60.68
RMS 62.22
signal [adc counts]

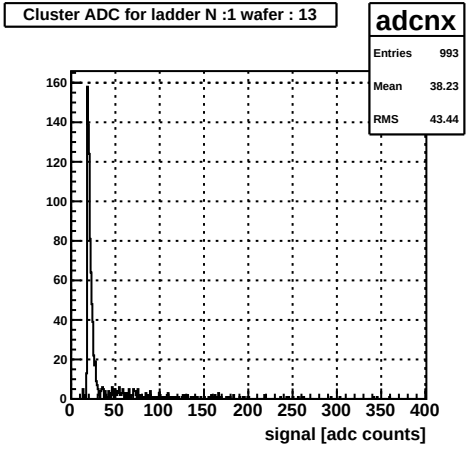

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6461
Mean 44.49
RMS 34.76
signal [adc counts]

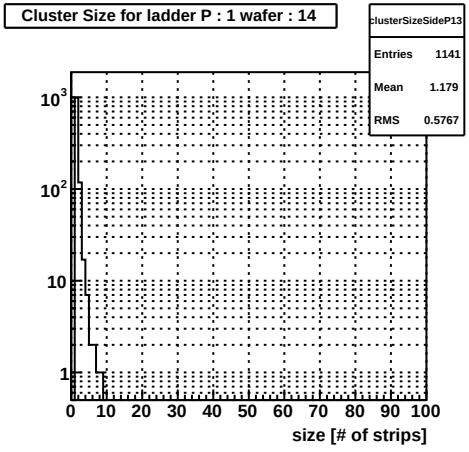

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 8240
Mean 2.578
RMS 1.494
size [# of strips]

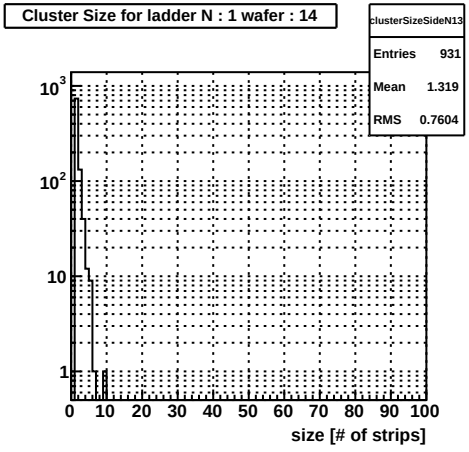

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 993
Mean 1.159
RMS 0.5431
size [# of strips]

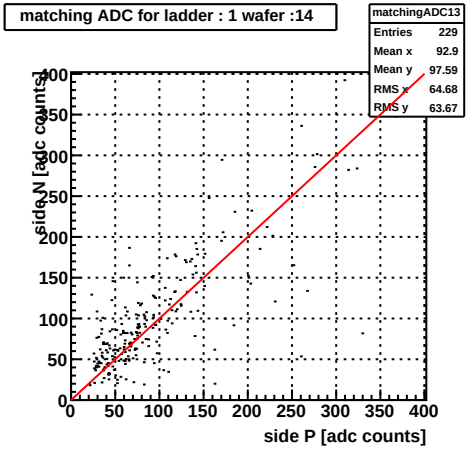

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 203
Mean x 82.97
Mean y 91.11
RMS x 58.63
RMS y 68.68
side N [adc counts]
side P [adc counts]

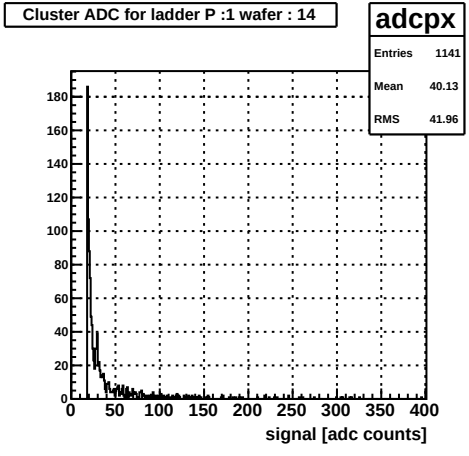

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 8240
Mean 79.92
RMS 61.06
signal [adc counts]

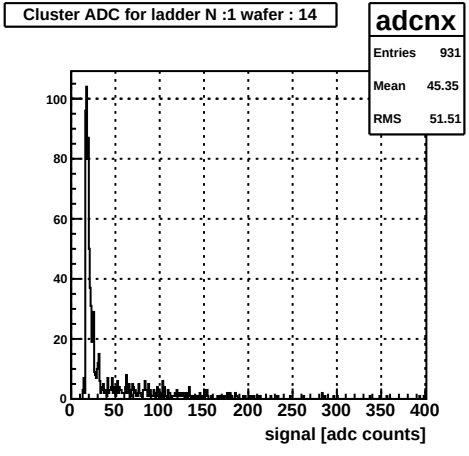

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 993
Mean 38.23
RMS 43.44
signal [adc counts]

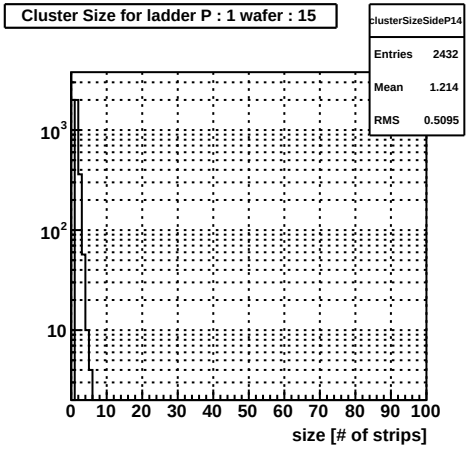

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1141
Mean 1.179
RMS 0.5767
size [# of strips]

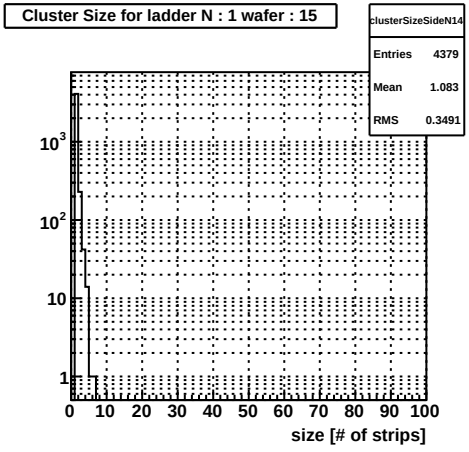

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 931
Mean 1.319
RMS 0.7604
size [# of strips]

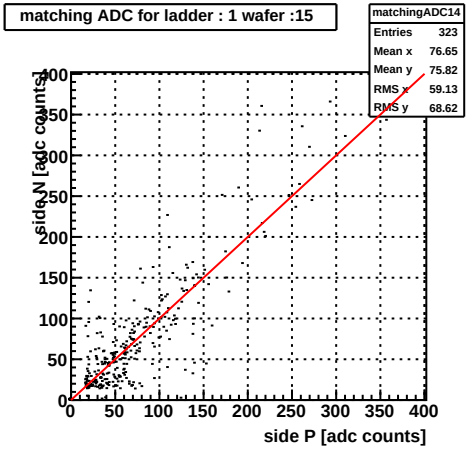

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 229
Mean x 92.9
Mean y 97.59
RMS x 64.68
RMS y 63.67
side N [adc counts]
side P [adc counts]

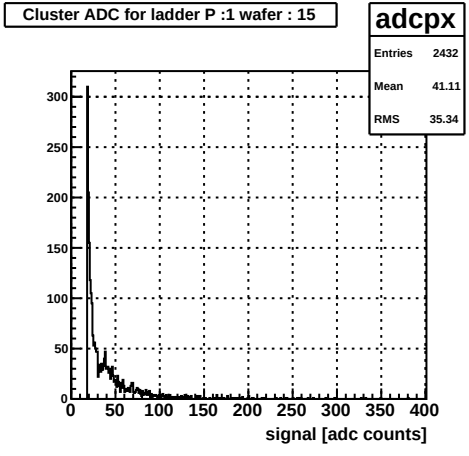

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1141
Mean 40.13
RMS 41.96
signal [adc counts]

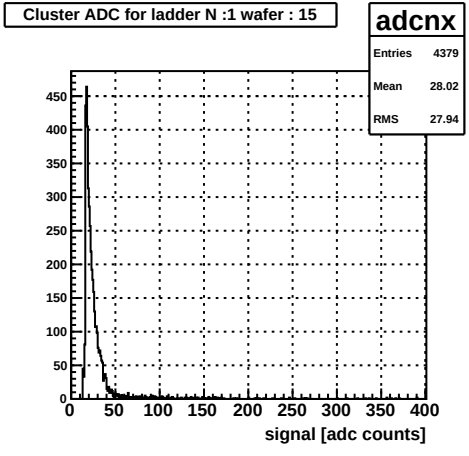

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 931
Mean 45.35
RMS 51.51
signal [adc counts]

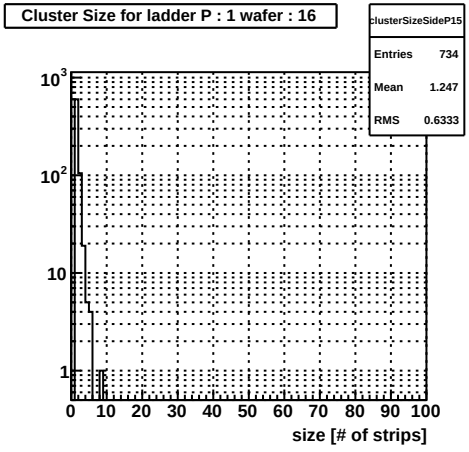

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2432
Mean 1.214
RMS 0.5095
size [# of strips]

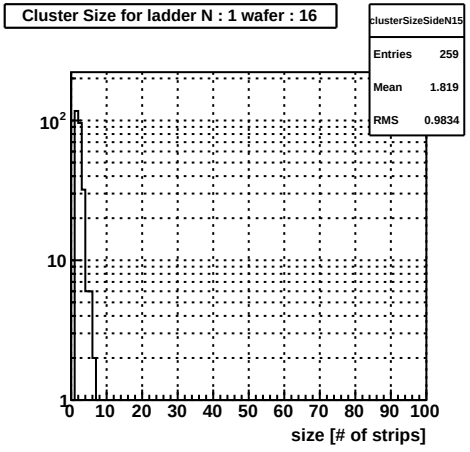

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4379
Mean 1.083
RMS 0.3491
size [# of strips]

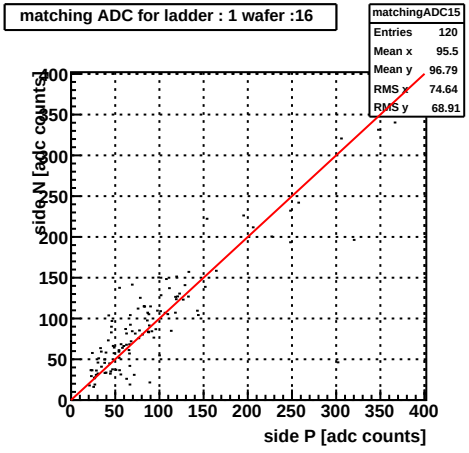

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 323
Mean x 76.65
Mean y 75.82
RMS x 59.13
RMS y 68.62
side N [adc counts]
side P [adc counts]

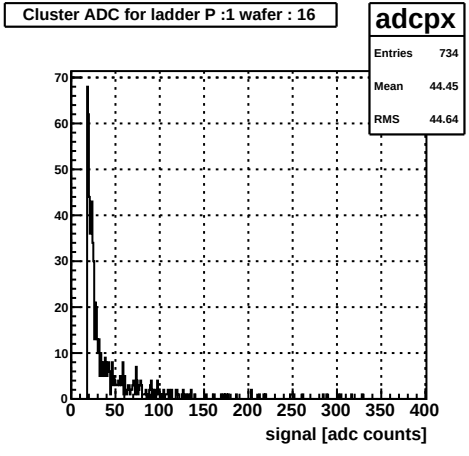

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2432
Mean 41.11
RMS 35.34
signal [adc counts]

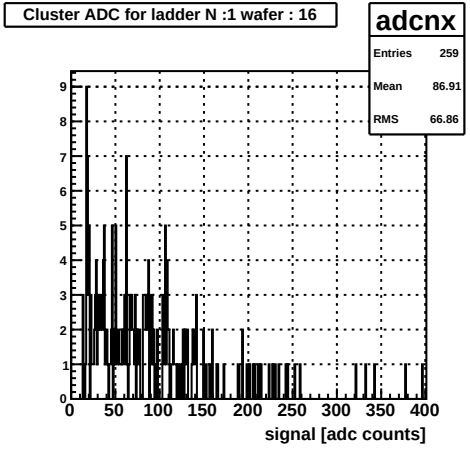

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4379
Mean 28.02
RMS 27.94
signal [adc counts]

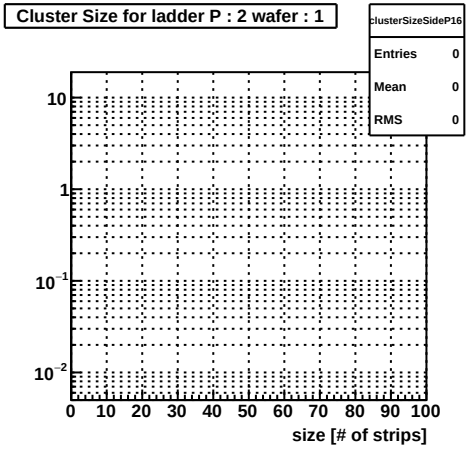

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 734
Mean 1.247
RMS 0.6333
size [# of strips]

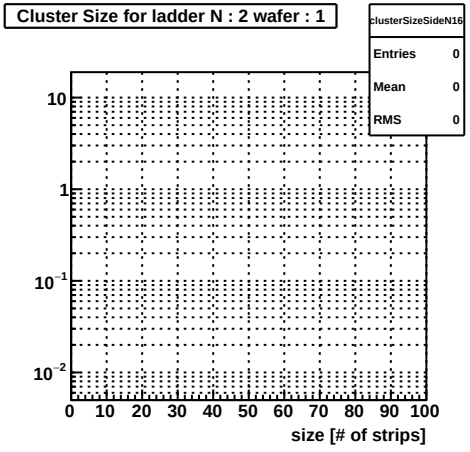

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 259
Mean 1.819
RMS 0.9834
size [# of strips]

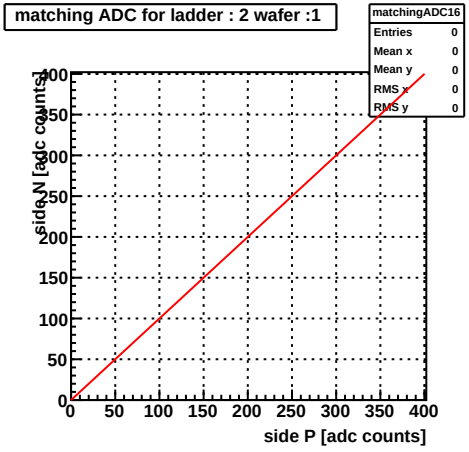

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 120
Mean x 95.5
Mean y 96.79
RMS x 74.64
RMS y 68.91
side N [adc counts]
side P [adc counts]

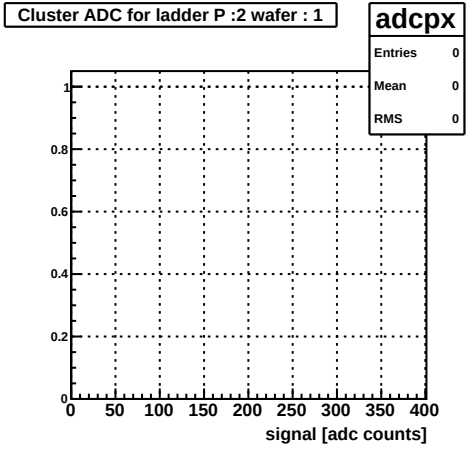

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 734
Mean 44.45
RMS 44.64
signal [adc counts]

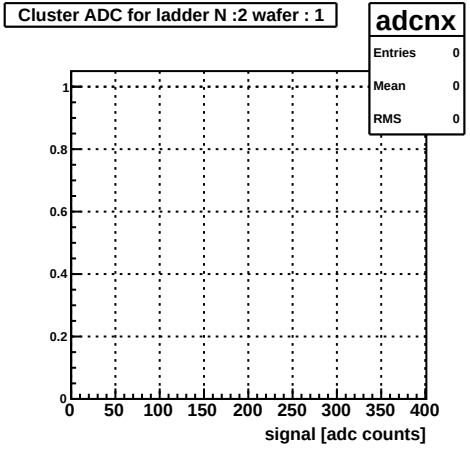

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 259
Mean 86.91
RMS 66.86
signal [adc counts]

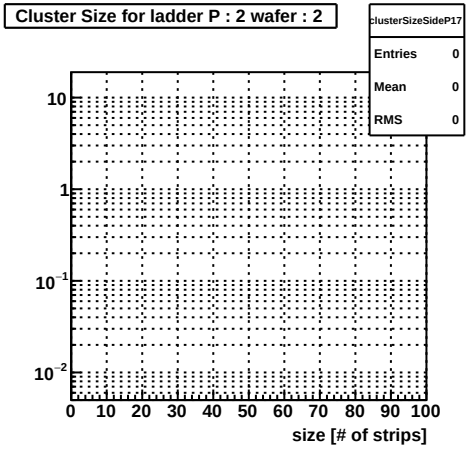

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

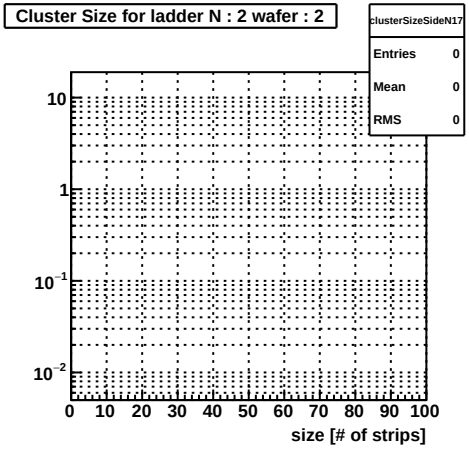

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

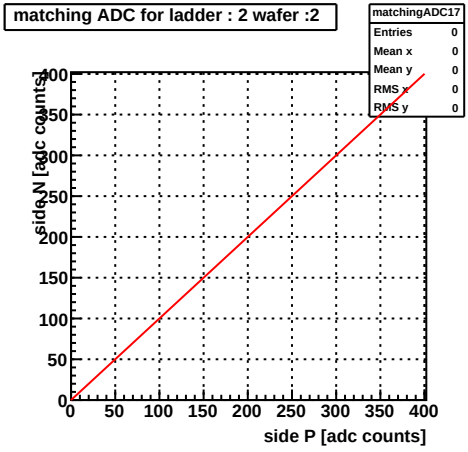

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

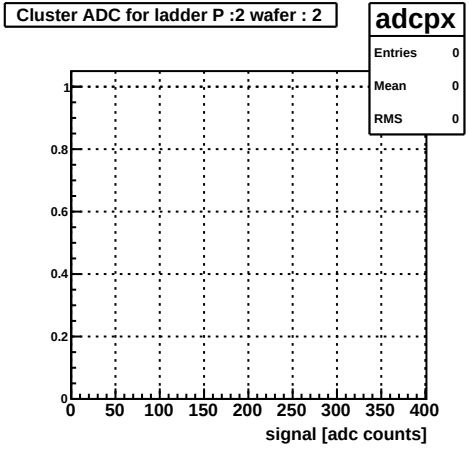

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

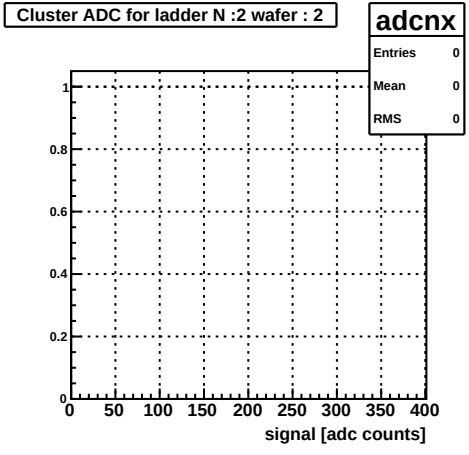

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

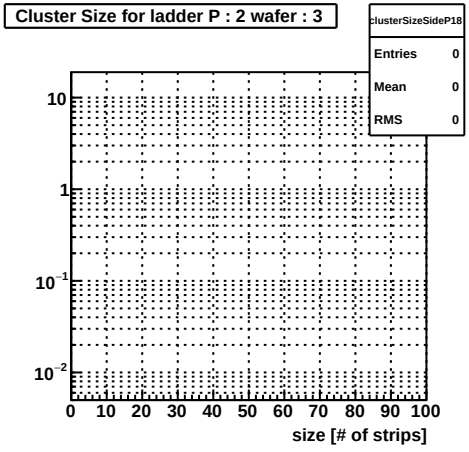

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

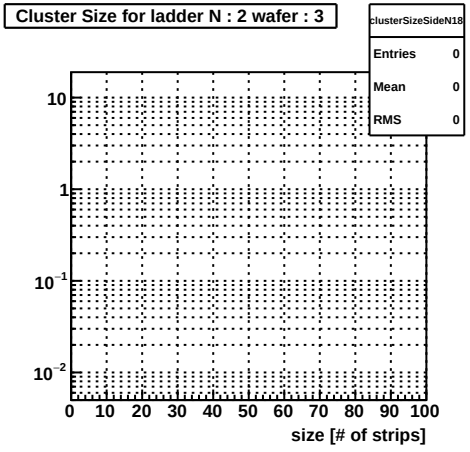

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

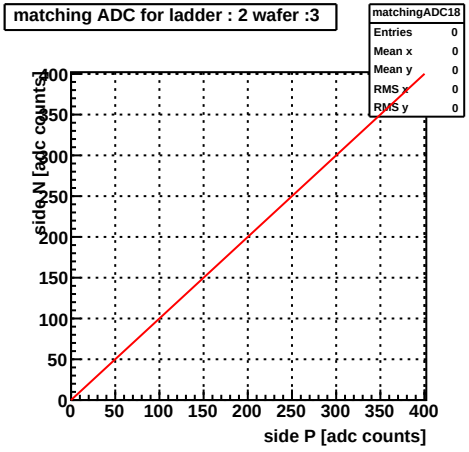

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

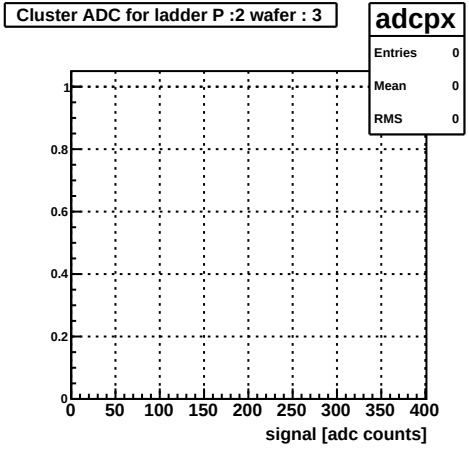

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

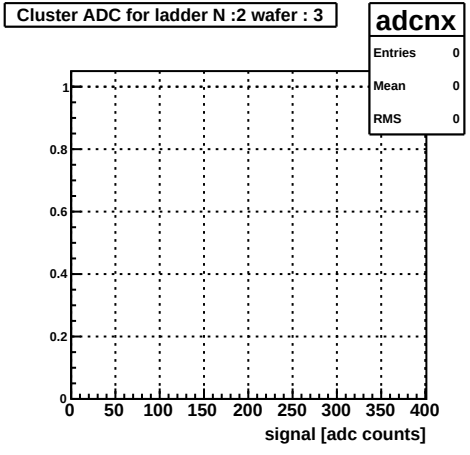

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

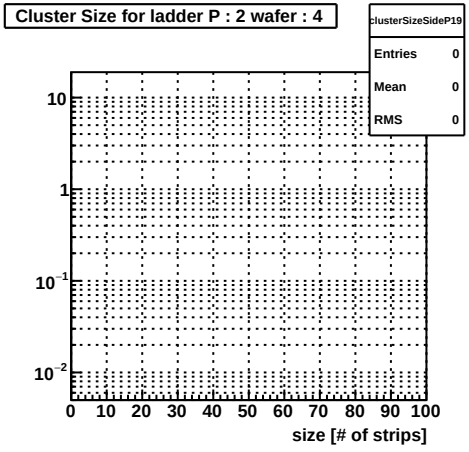

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

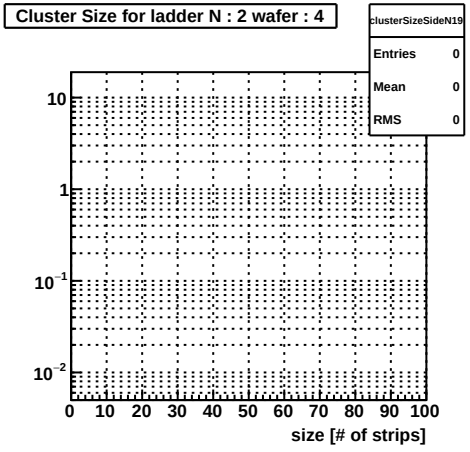

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

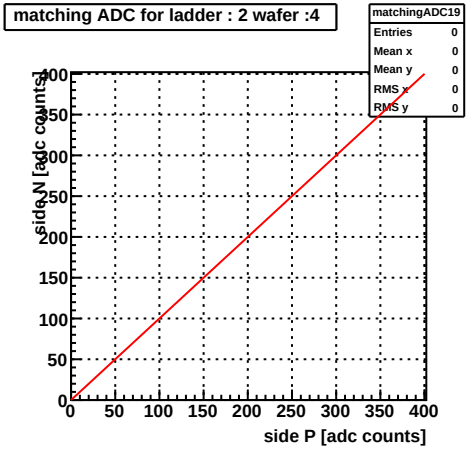

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

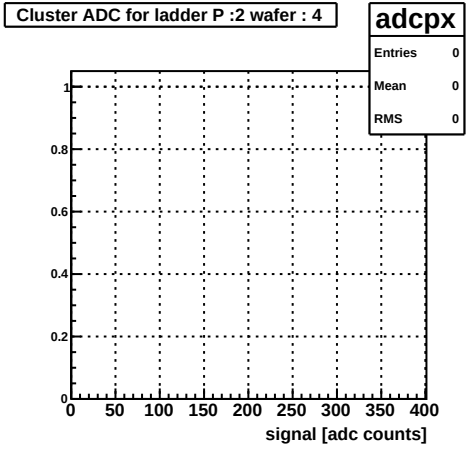

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

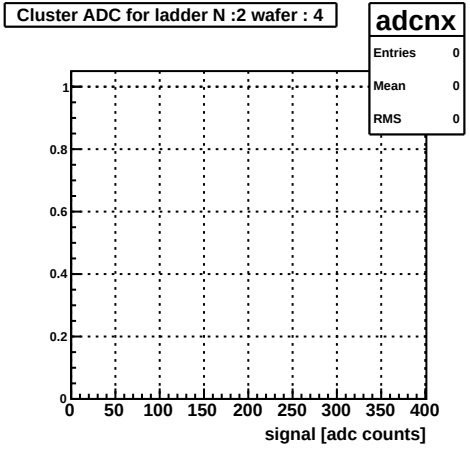

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

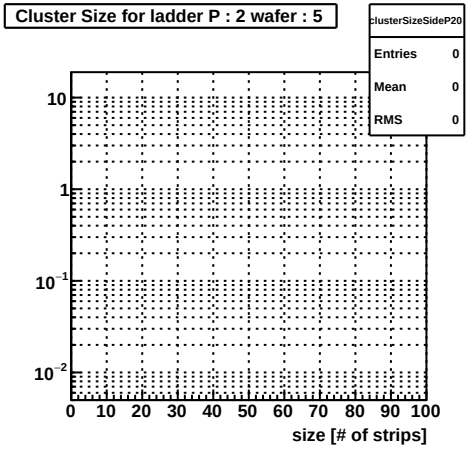

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

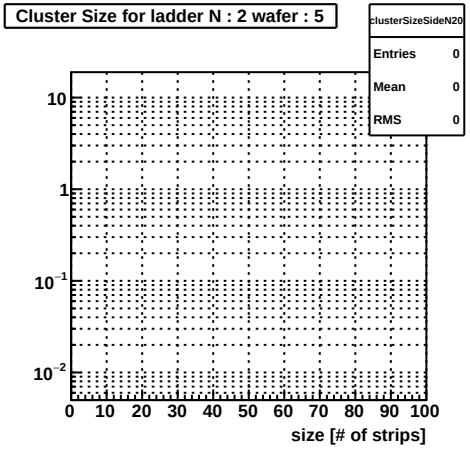

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

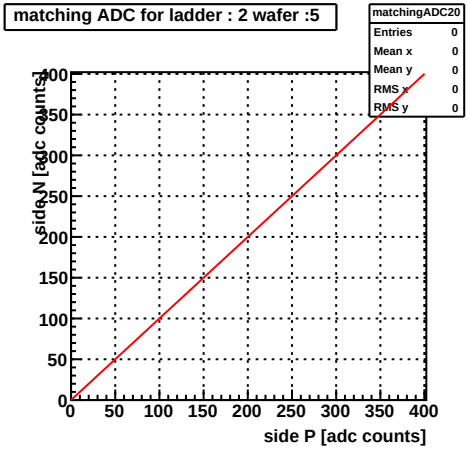

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

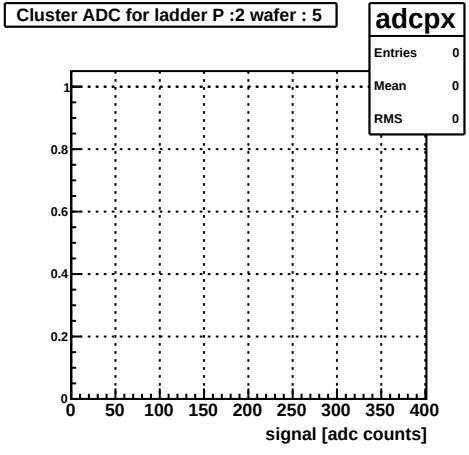

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

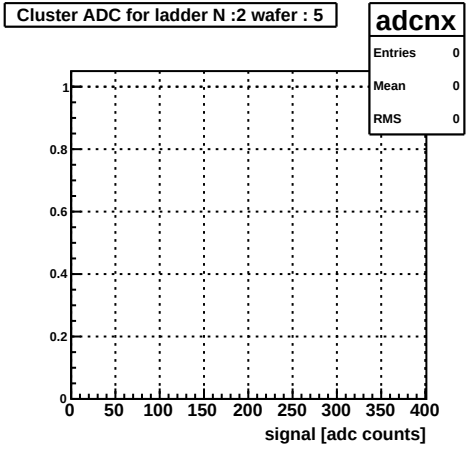

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

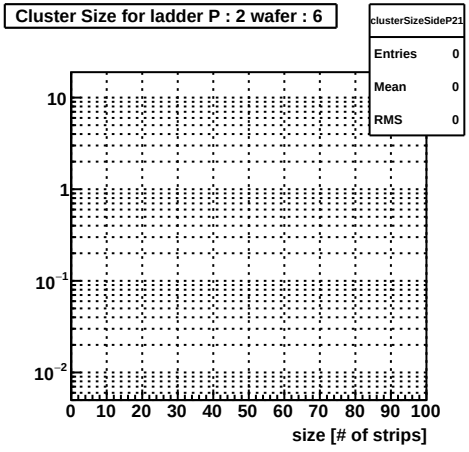

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

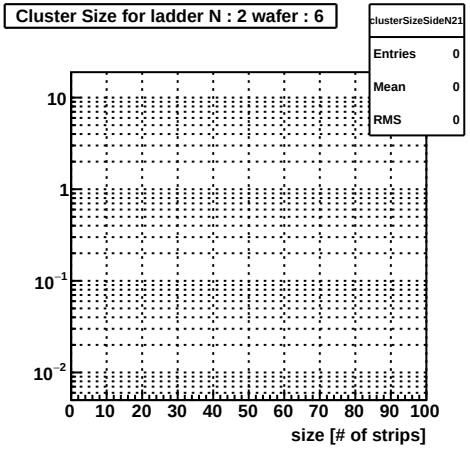

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

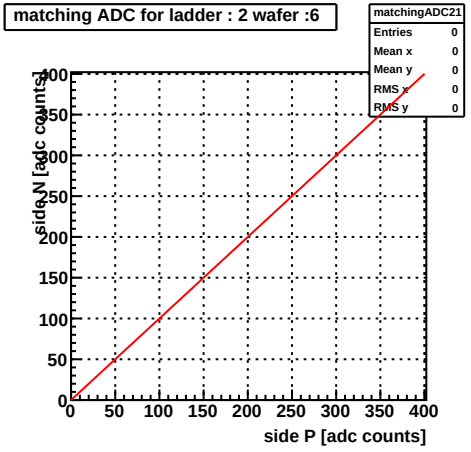

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

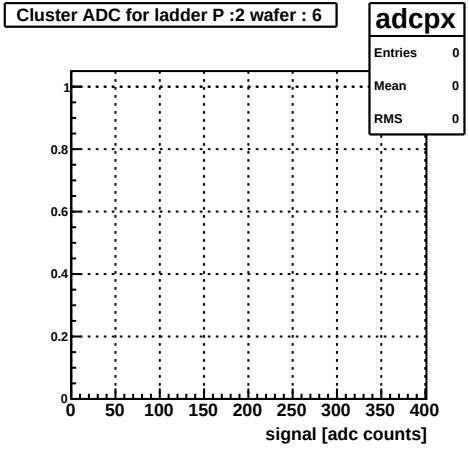

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

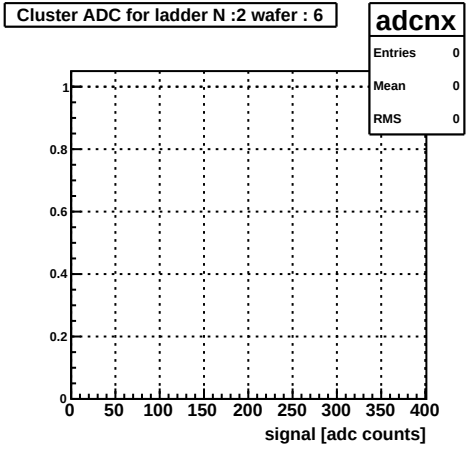

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

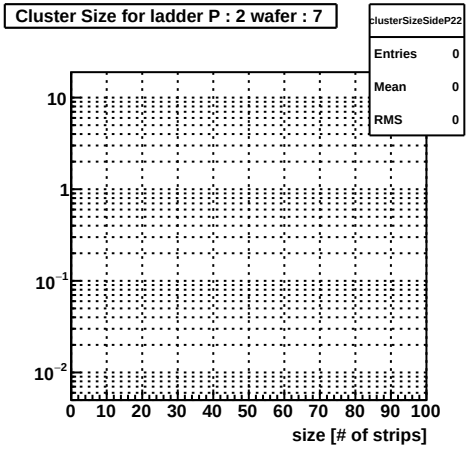

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

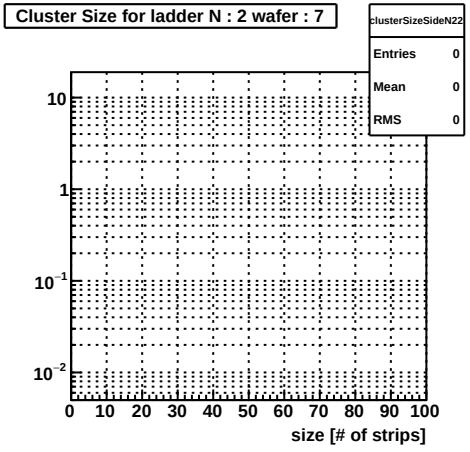

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

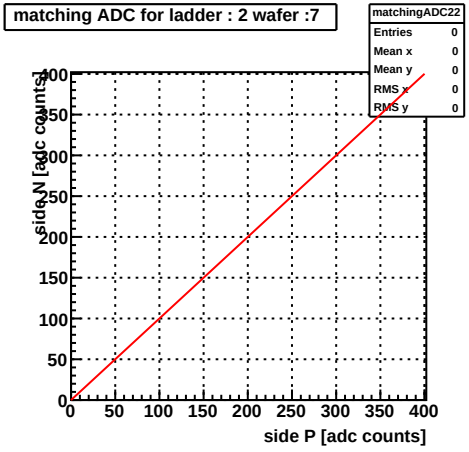

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

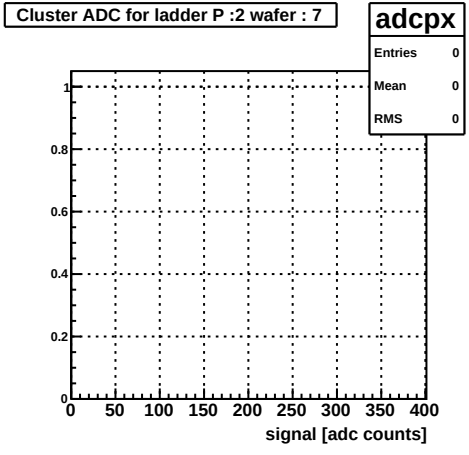

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

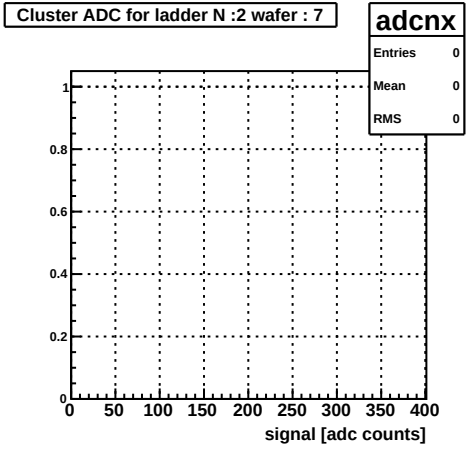

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

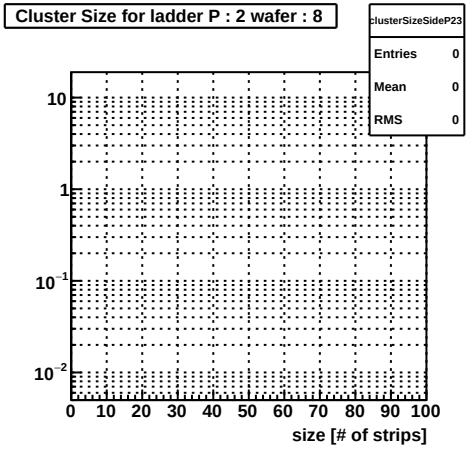

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

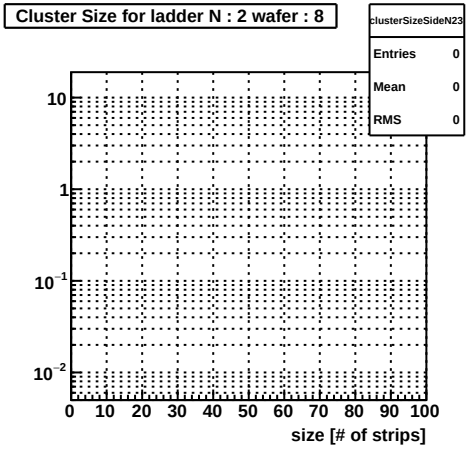

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

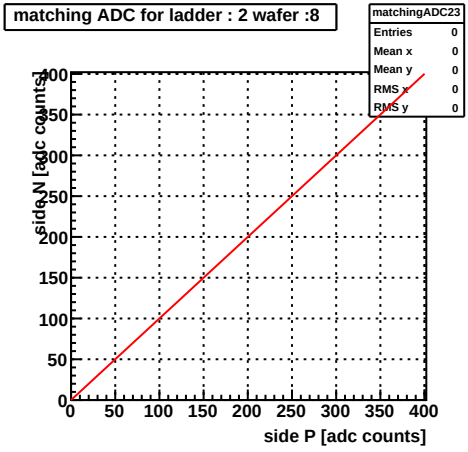

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

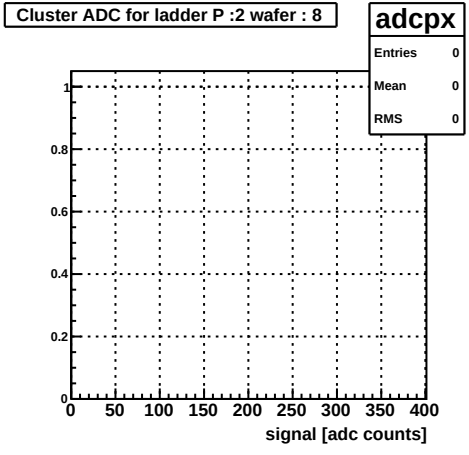

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

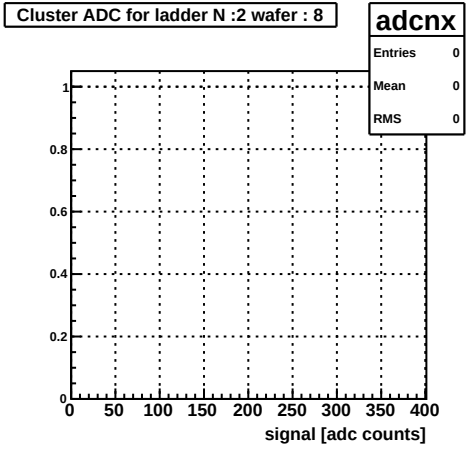

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

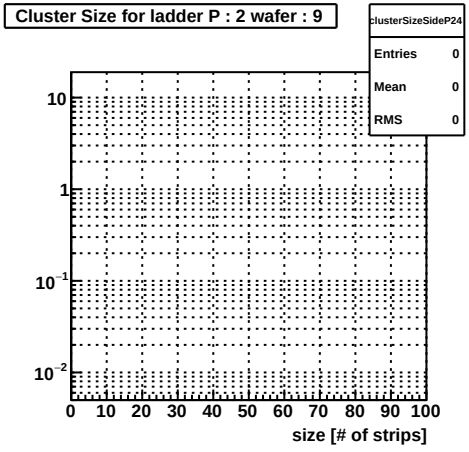

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

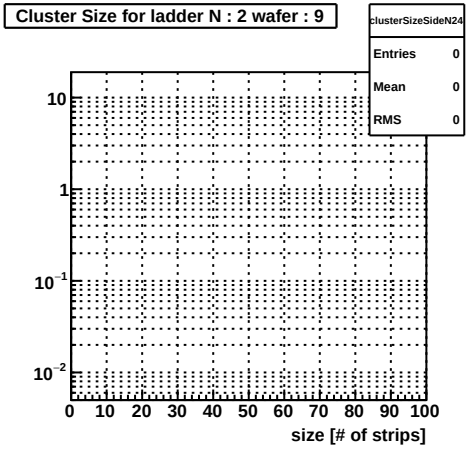

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

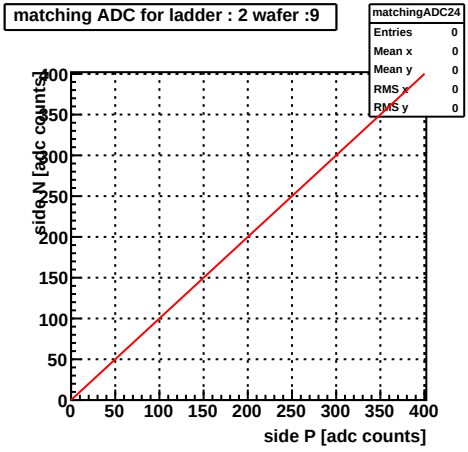

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

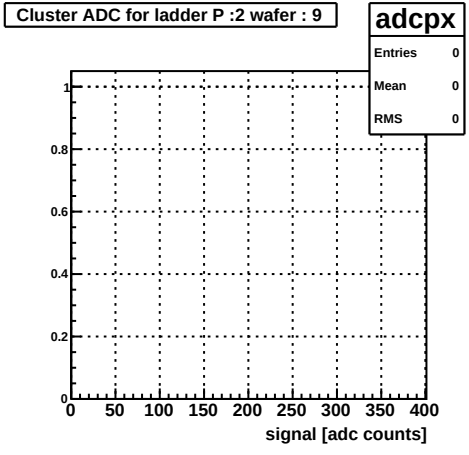

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

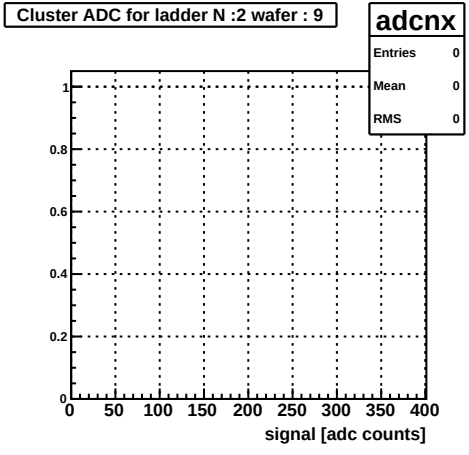

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

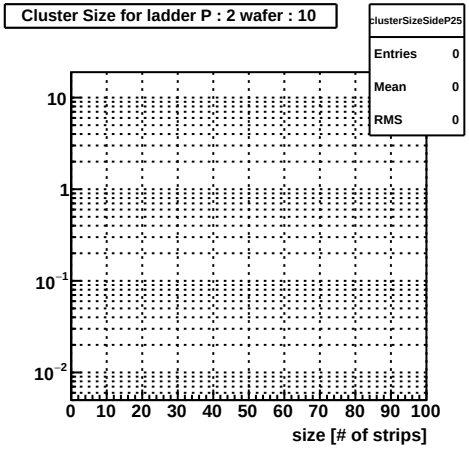

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

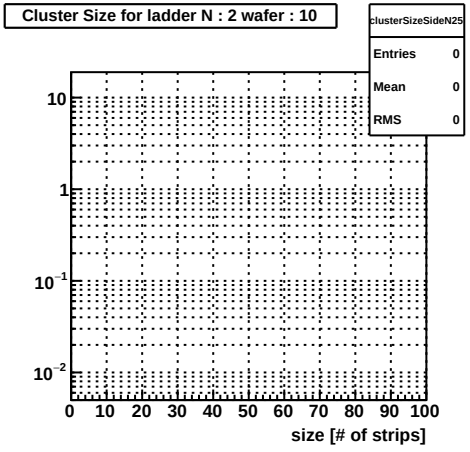

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

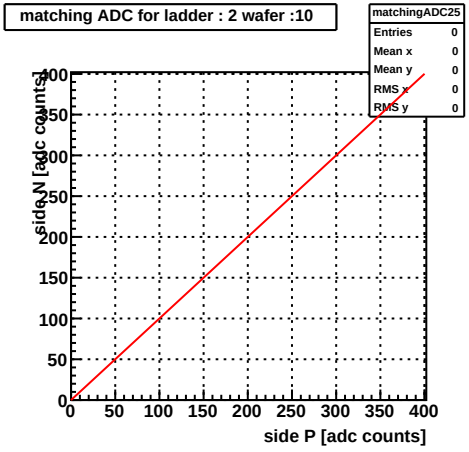

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

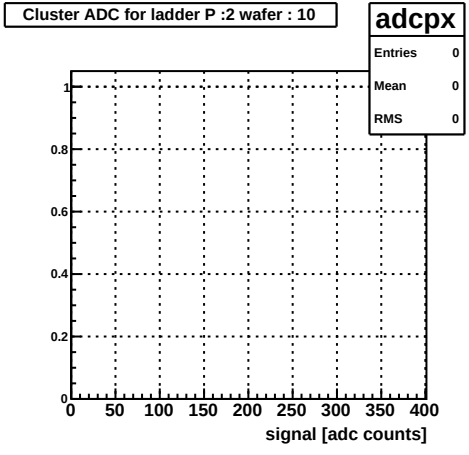

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

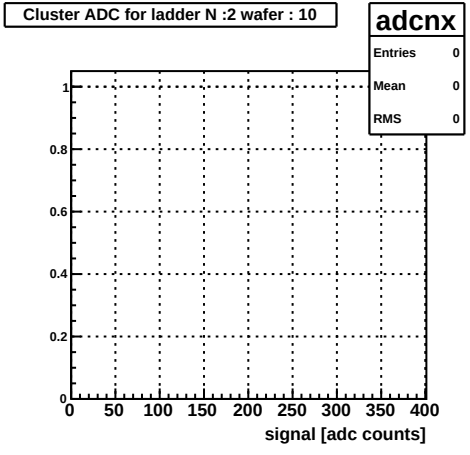

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

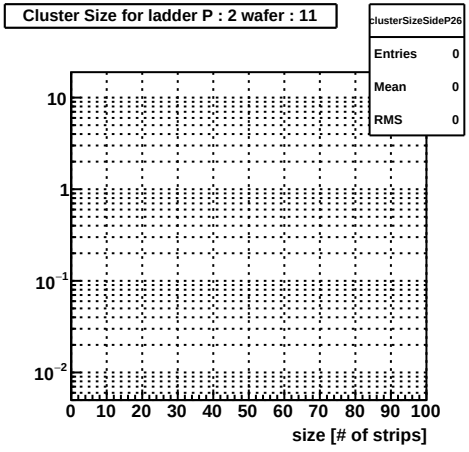

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

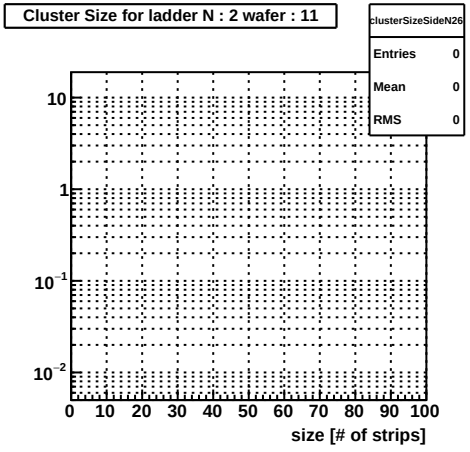

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

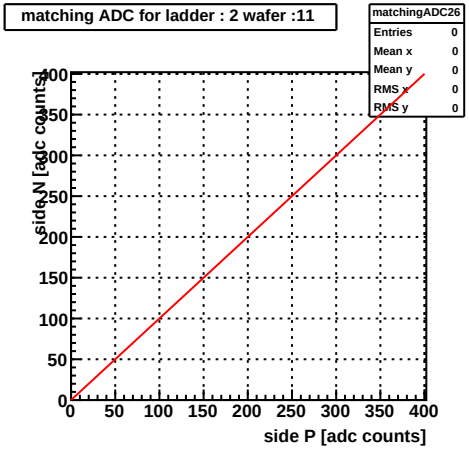

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

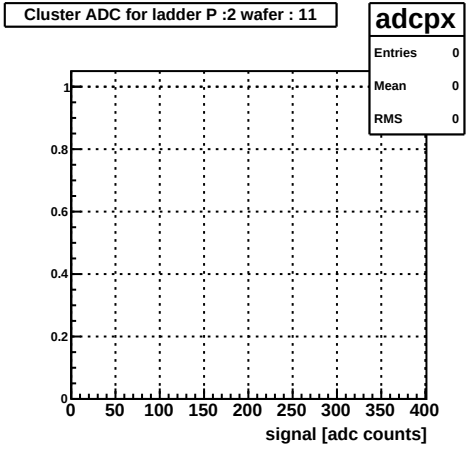

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

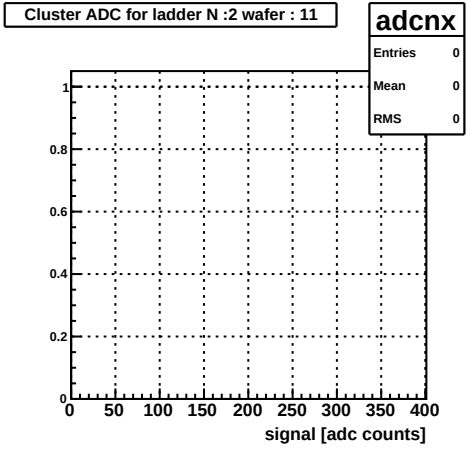

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

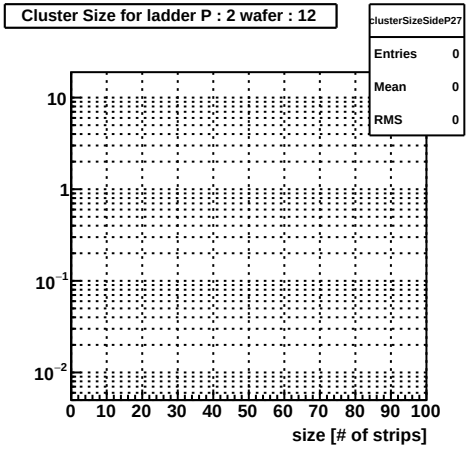

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

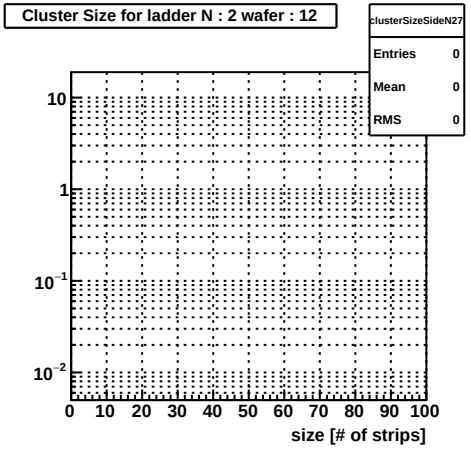

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

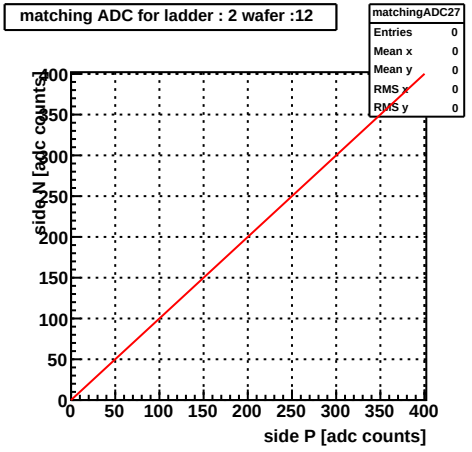

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

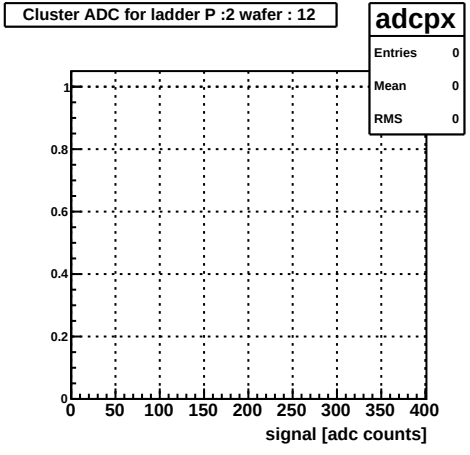

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

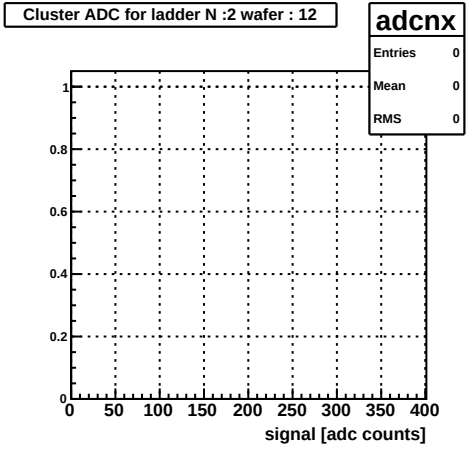

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

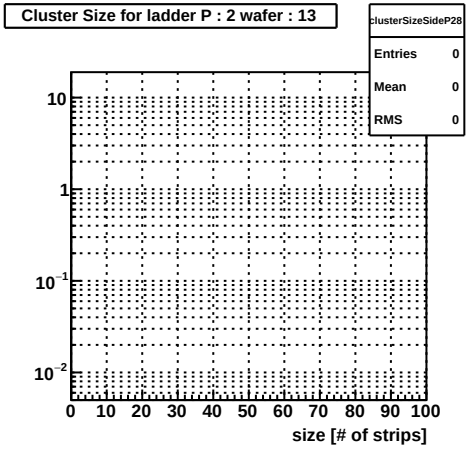

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

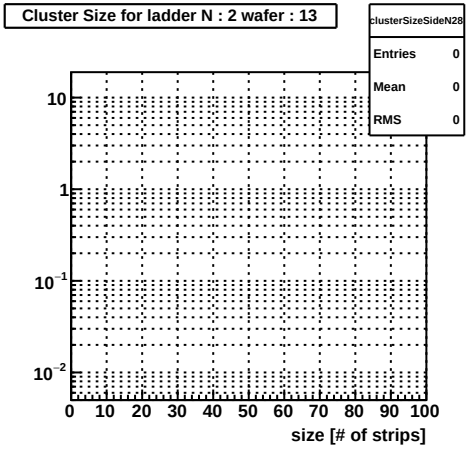

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

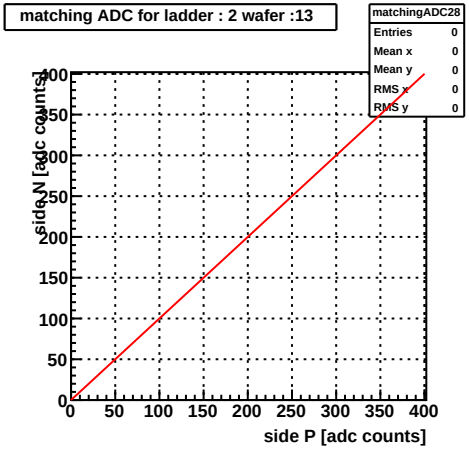

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

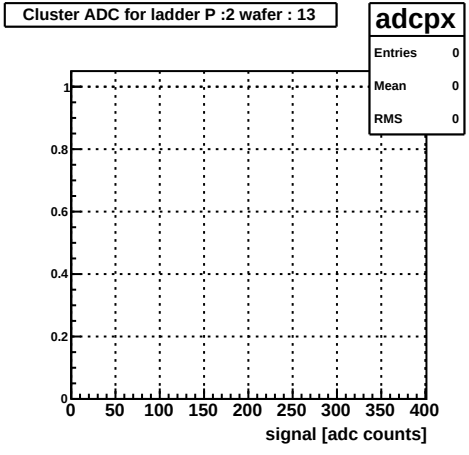

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

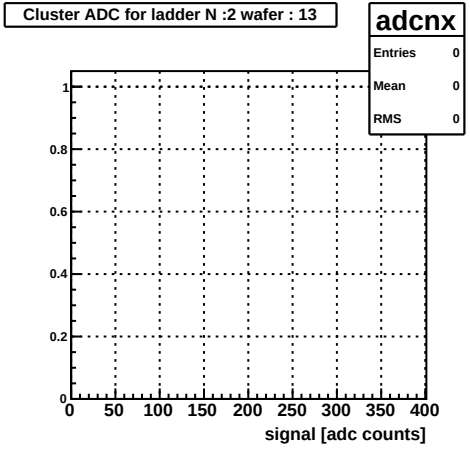

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

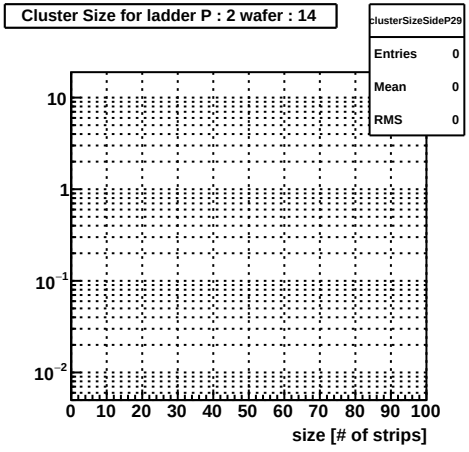

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

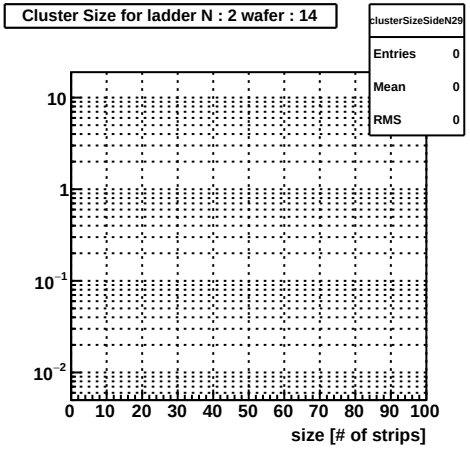

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

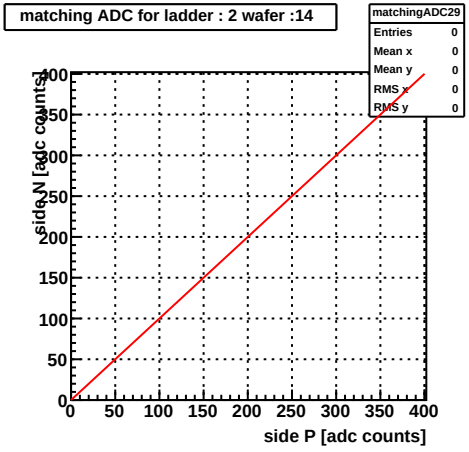

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

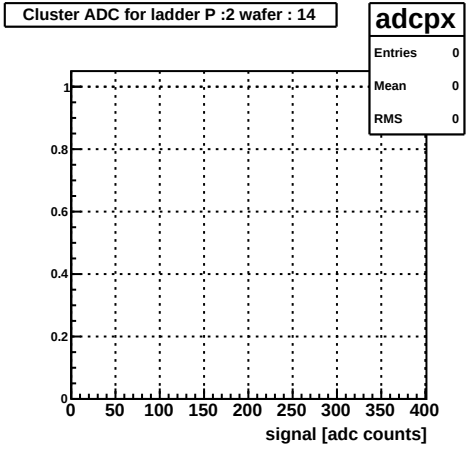

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

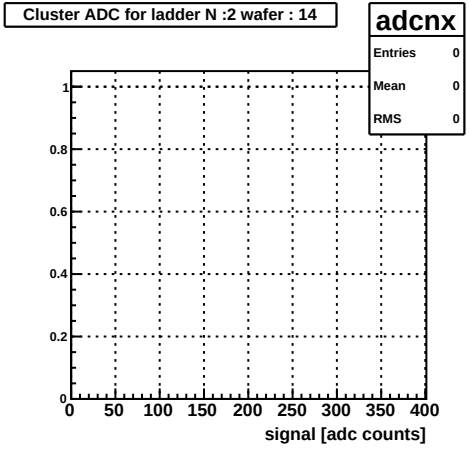

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

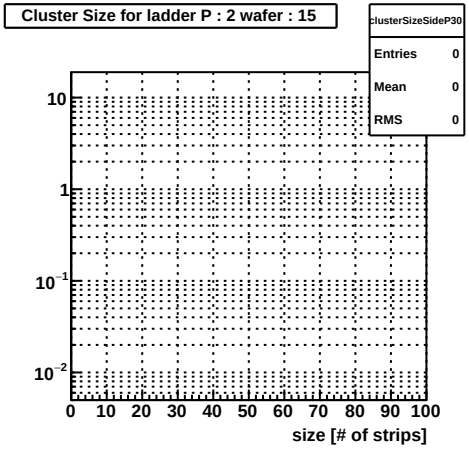

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

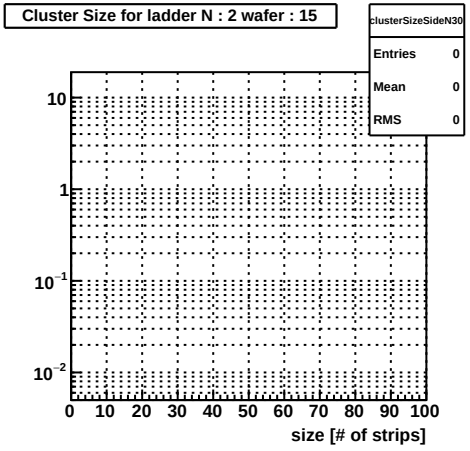

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

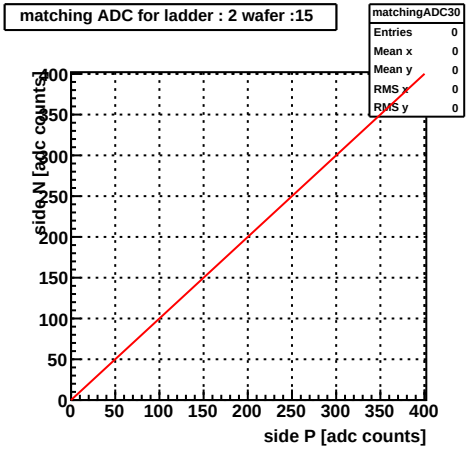

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

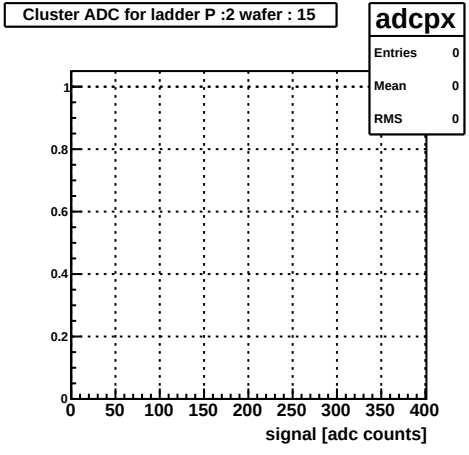

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

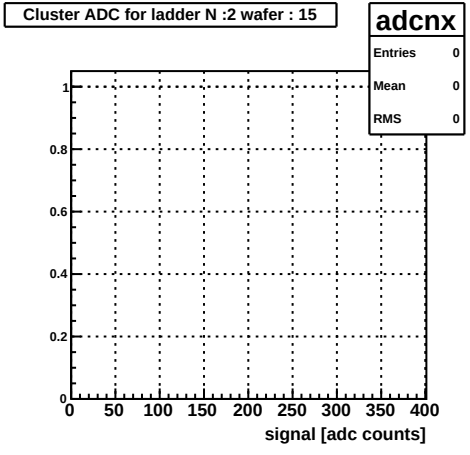

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

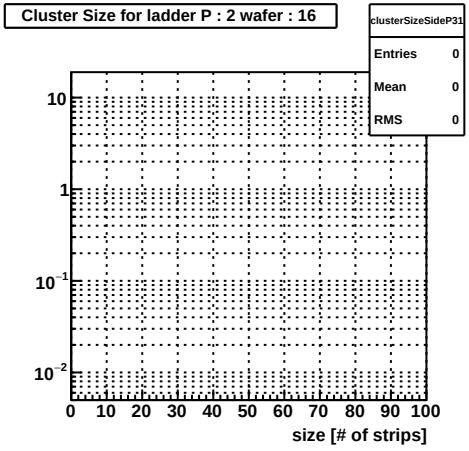

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

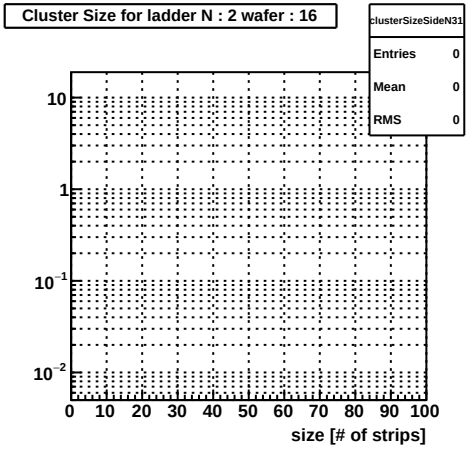

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

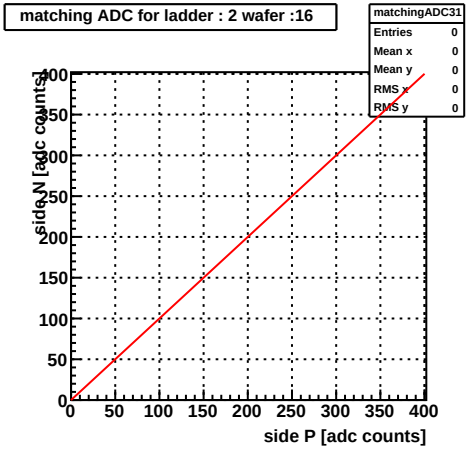

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

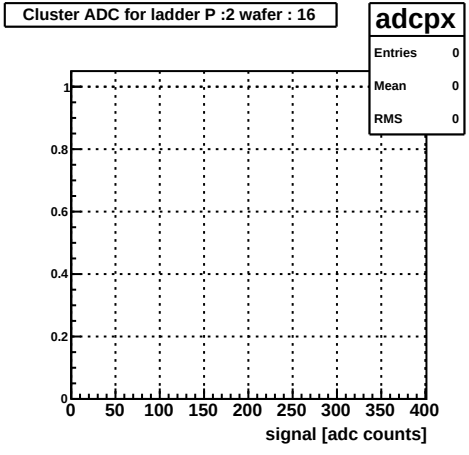

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

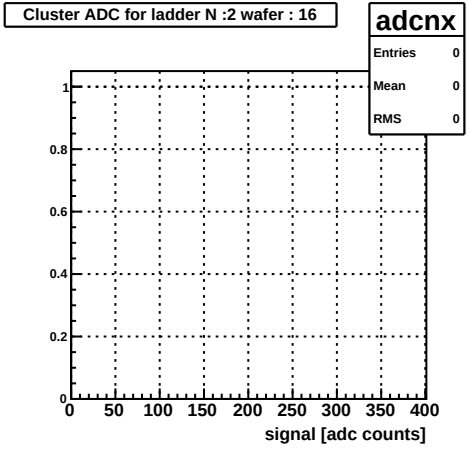

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

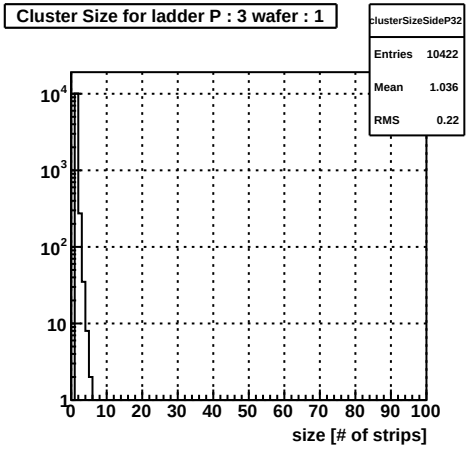

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

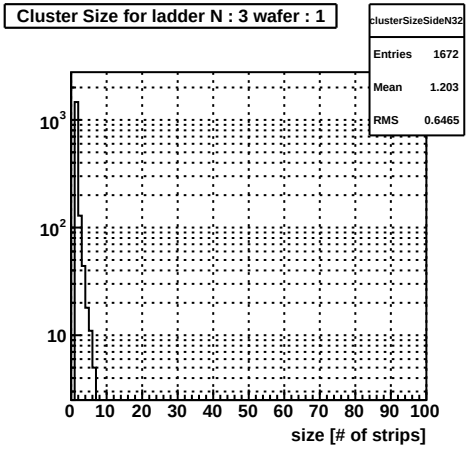

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

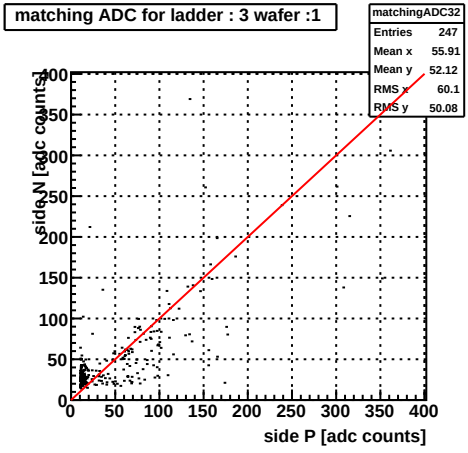

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

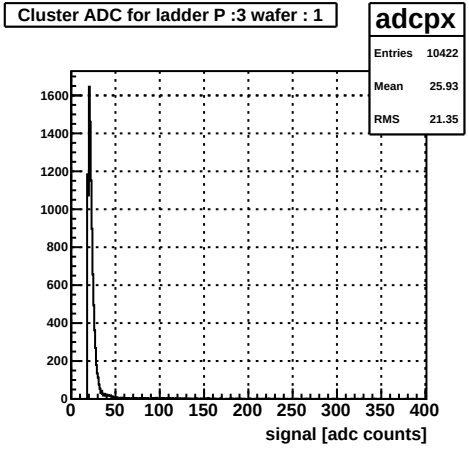

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

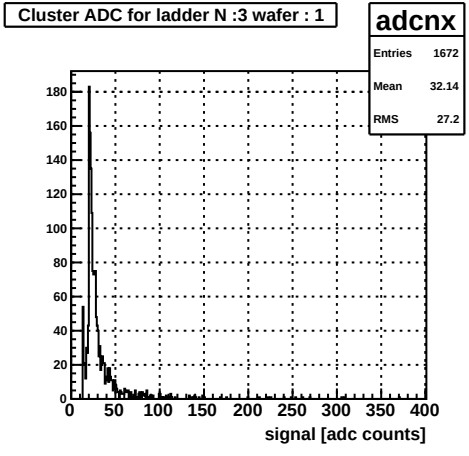

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

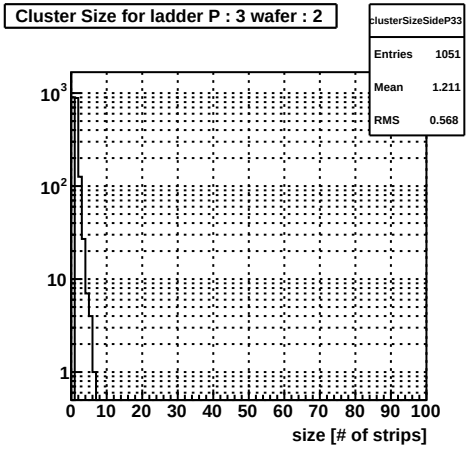

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10422
Mean 1.036
RMS 0.22
size [# of strips]

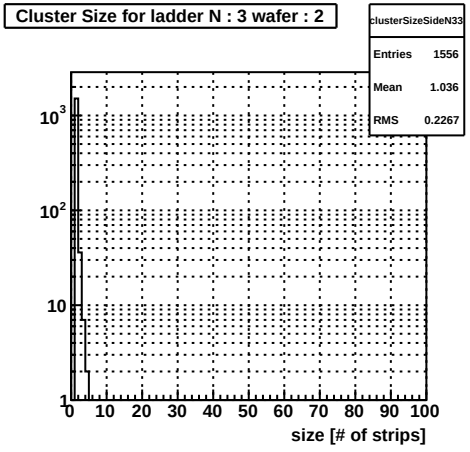

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1672
Mean 1.203
RMS 0.6465
size [# of strips]

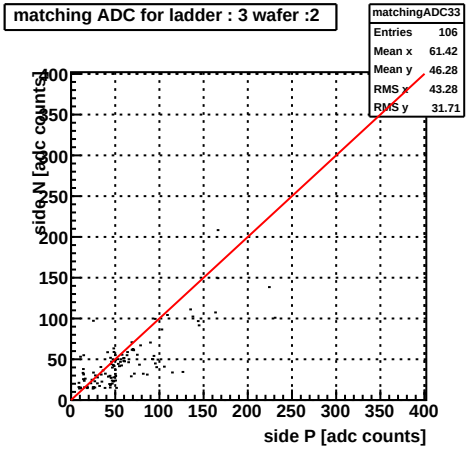

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 247
Mean x 55.91
Mean y 52.12
RMS x 60.1
RMS y 50.08
side N [adc counts]
side P [adc counts]

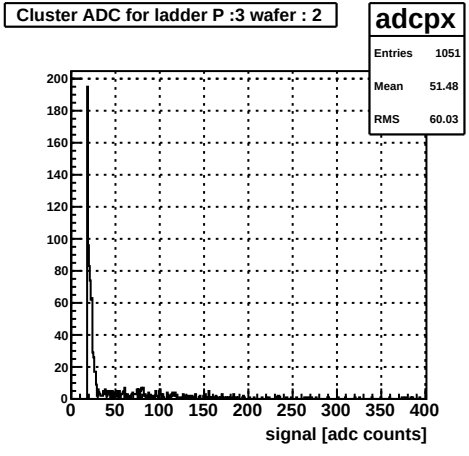

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10422
Mean 25.93
RMS 21.35
signal [adc counts]

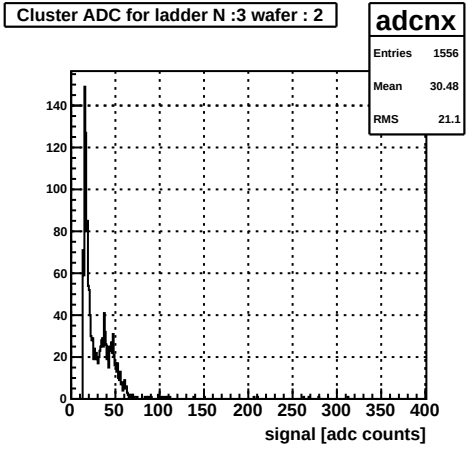

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1672
Mean 32.14
RMS 27.2
signal [adc counts]

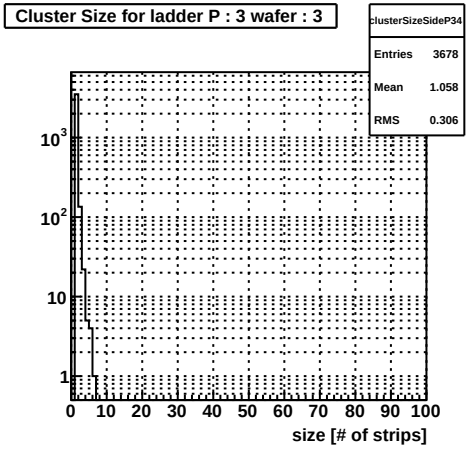

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1051
Mean 1.211
RMS 0.568
size [# of strips]

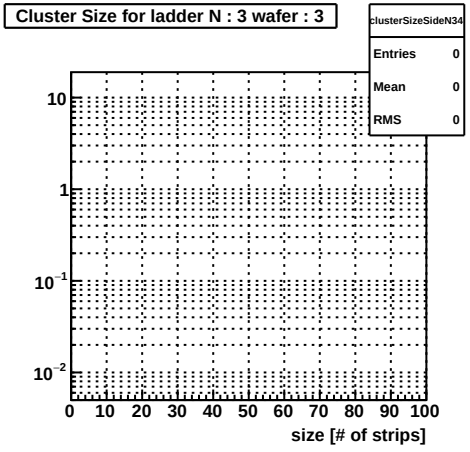

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1556
Mean 1.036
RMS 0.2267
size [# of strips]

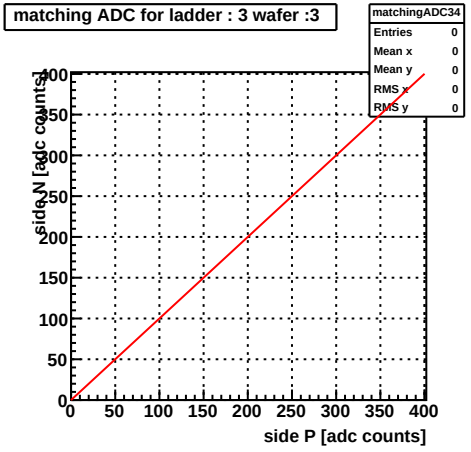

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 106
Mean x 61.42
Mean y 46.28
RMS x 43.28
RMS y 31.71
side N [adc counts]
side P [adc counts]

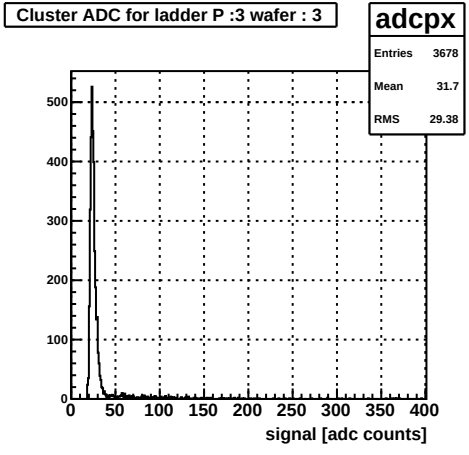

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1051
Mean 51.48
RMS 60.03
signal [adc counts]

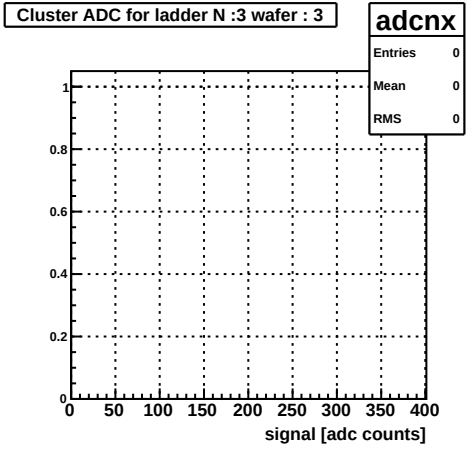

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1556
Mean 30.48
RMS 21.1
signal [adc counts]

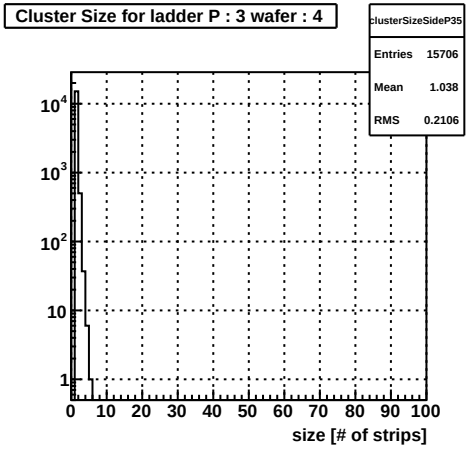

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3678
Mean 1.058
RMS 0.306
size [# of strips]

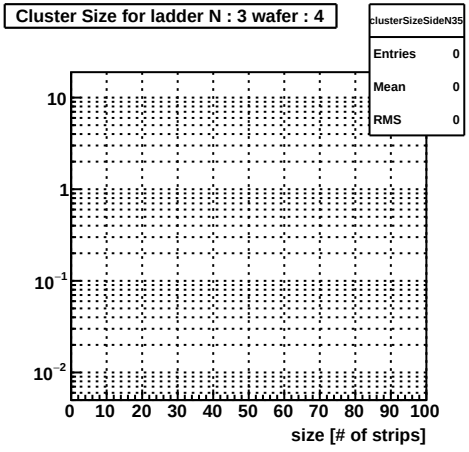

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

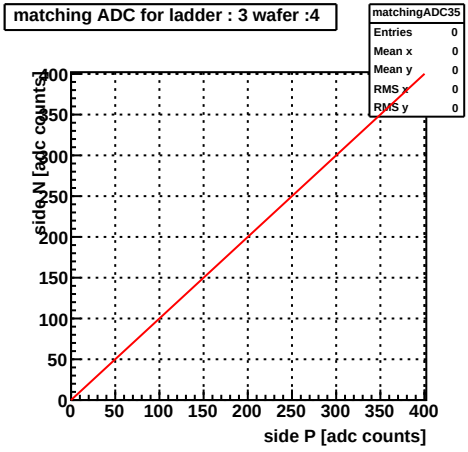

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

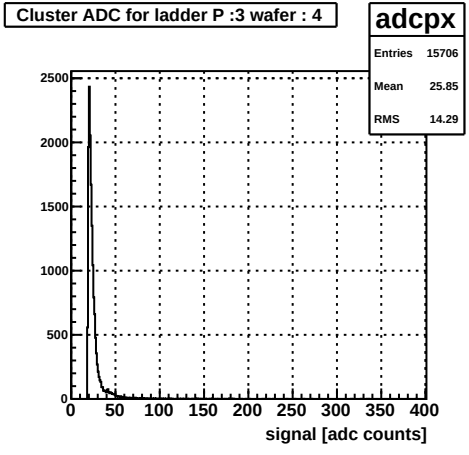

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3678
Mean 31.7
RMS 29.38
signal [adc counts]

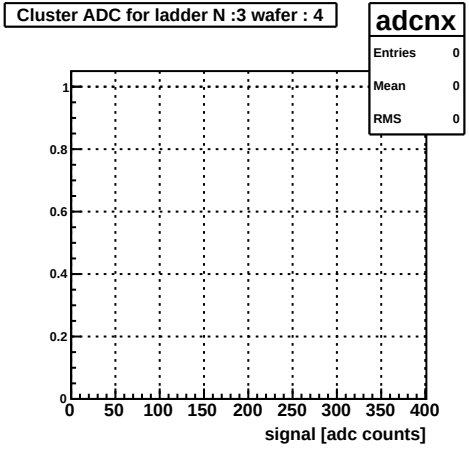

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

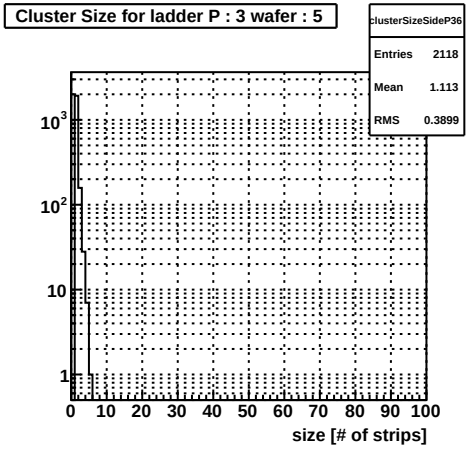

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15706
Mean 1.038
RMS 0.2106
size [# of strips]

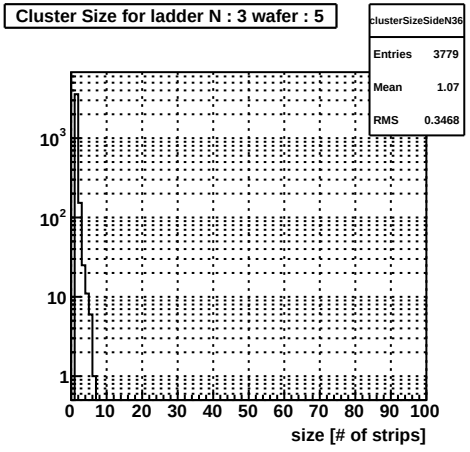

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

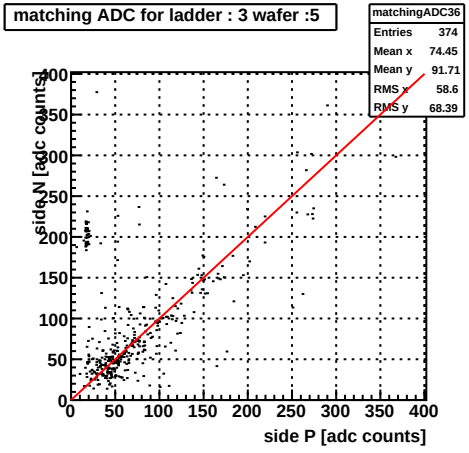

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

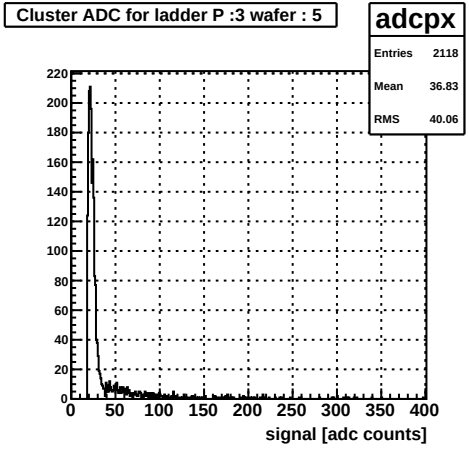

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15706
Mean 25.85
RMS 14.29
signal [adc counts]

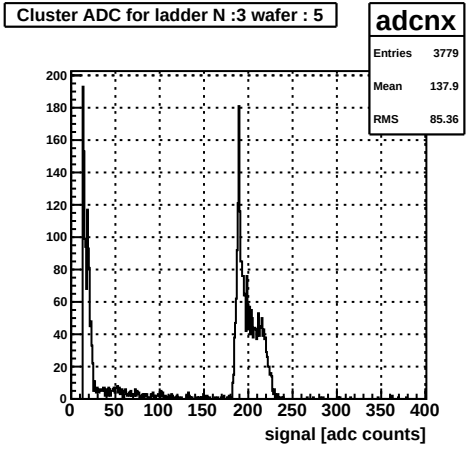

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

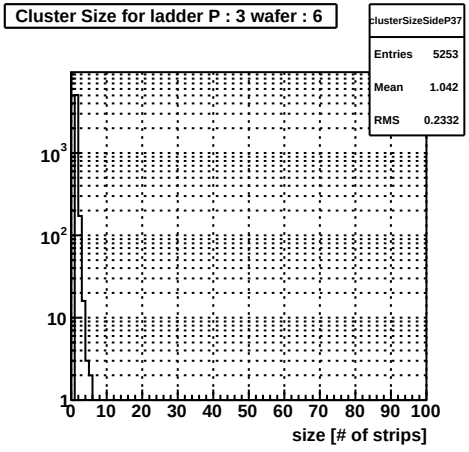

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2118
Mean 1.113
RMS 0.3899
size [# of strips]

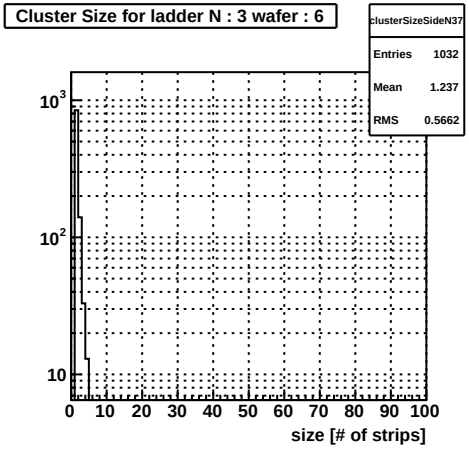

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3779
Mean 1.07
RMS 0.3468
size [# of strips]

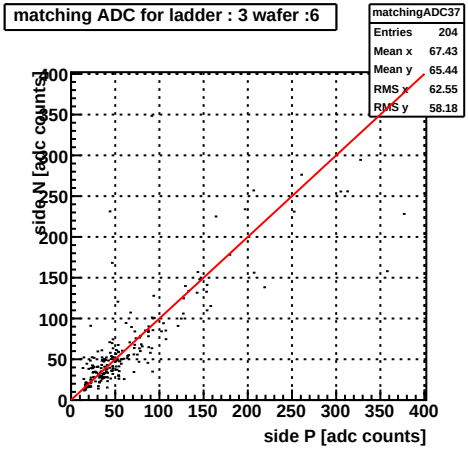

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 374
Mean x 74.45
Mean y 91.71
RMS x 58.6
RMS y 68.39
side N [adc counts]
side P [adc counts]

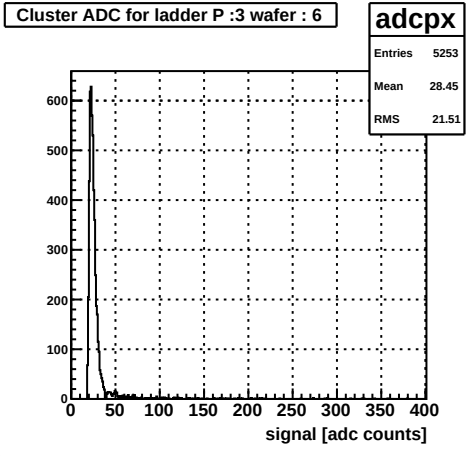

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2118
Mean 36.83
RMS 40.06
signal [adc counts]

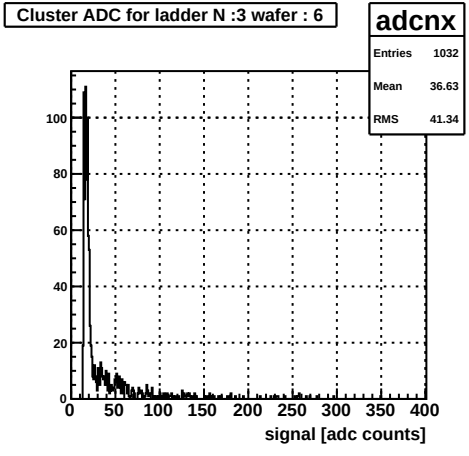

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3779
Mean 137.9
RMS 85.36
signal [adc counts]

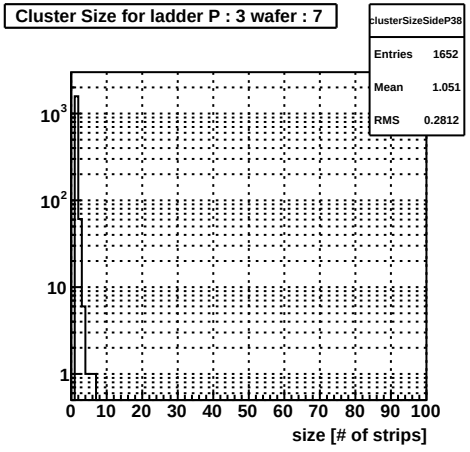

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5253
Mean 1.042
RMS 0.2332
size [# of strips]

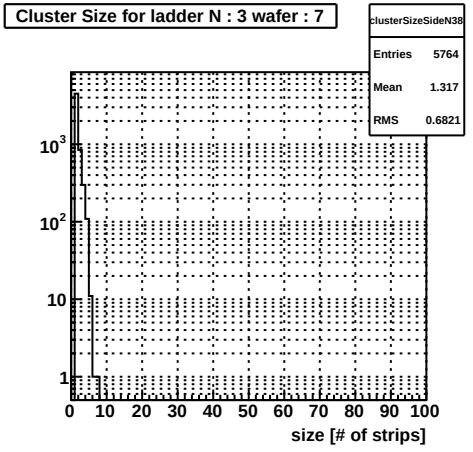

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1032
Mean 1.237
RMS 0.5662
size [# of strips]

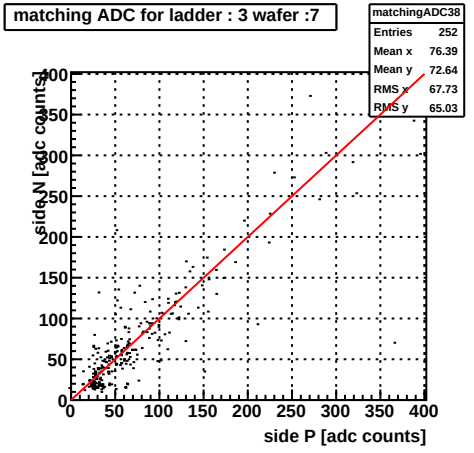

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 204
Mean x 67.43
Mean y 65.44
RMS x 62.55
RMS y 58.18
side N [adc counts]
side P [adc counts]

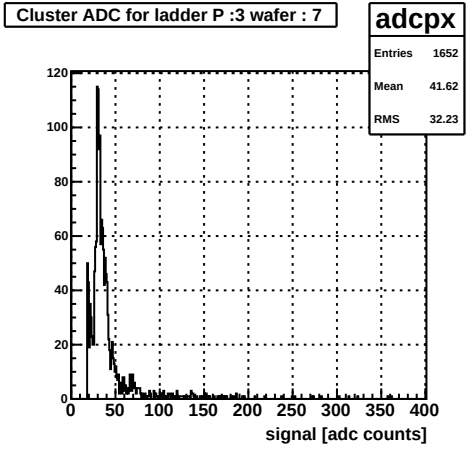

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5253
Mean 28.45
RMS 21.51
signal [adc counts]

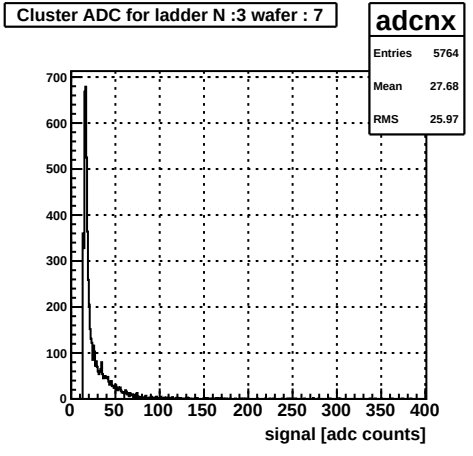

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1032
Mean 36.63
RMS 41.34
signal [adc counts]

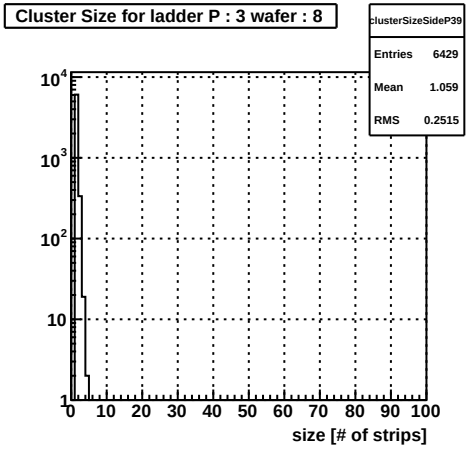

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1652
Mean 1.051
RMS 0.2812
size [# of strips]

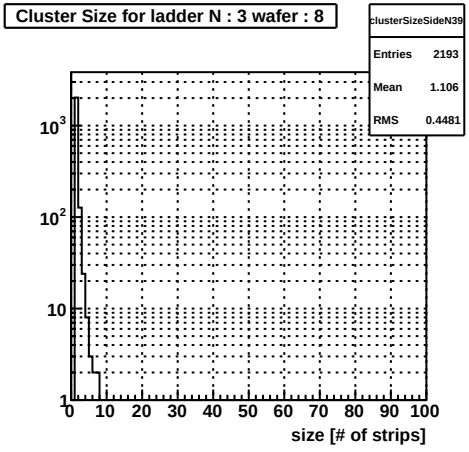

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5764
Mean 1.317
RMS 0.6821
size [# of strips]

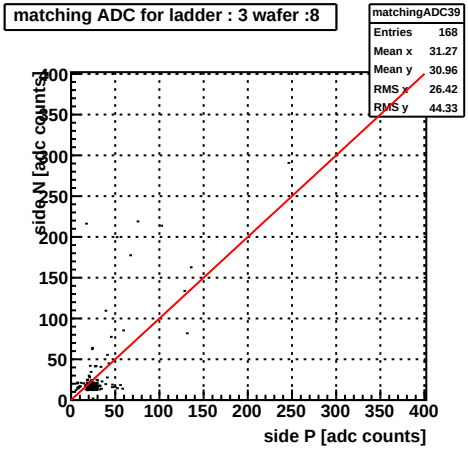

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 252
Mean x 76.39
Mean y 72.64
RMS x 67.73
RMS y 65.03
side N [adc counts]
side P [adc counts]

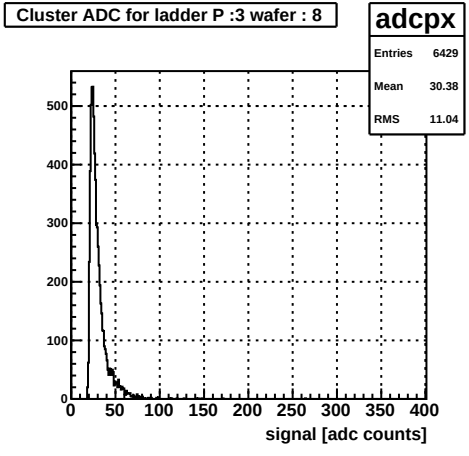

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1652
Mean 41.62
RMS 32.23
signal [adc counts]

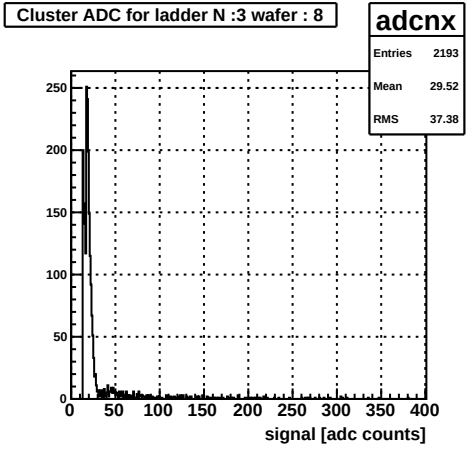

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5764
Mean 27.68
RMS 25.97
signal [adc counts]

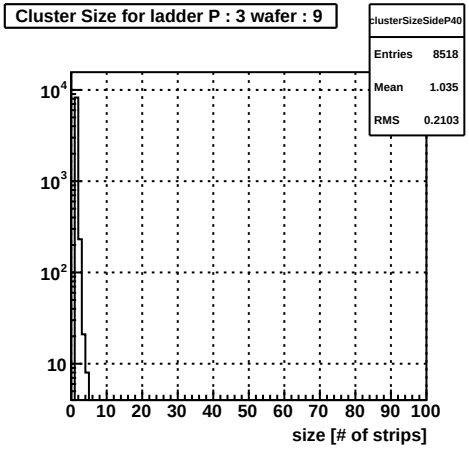

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 6429
Mean 1.059
RMS 0.2515
size [# of strips]

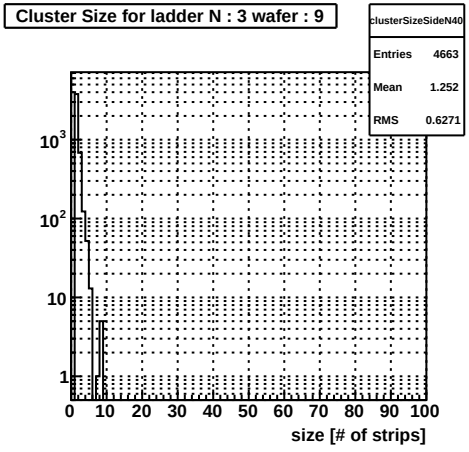

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2193
Mean 1.106
RMS 0.4481
size [# of strips]

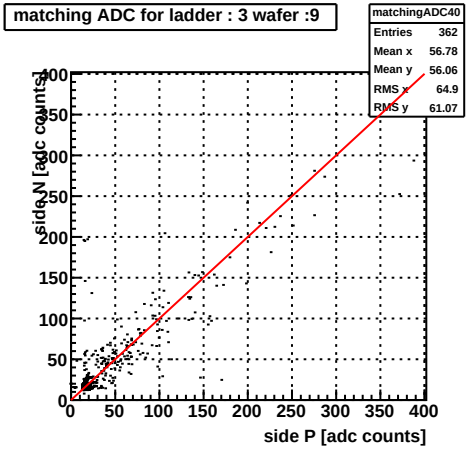

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 168
Mean x 31.27
Mean y 30.96
RMS x 26.42
RMS y 44.33
side N [adc counts]
side P [adc counts]

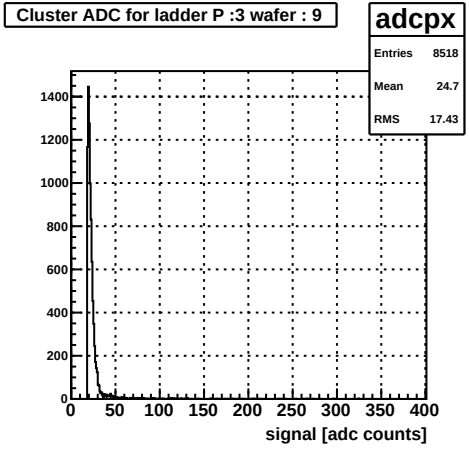

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 6429
Mean 30.38
RMS 11.04
signal [adc counts]

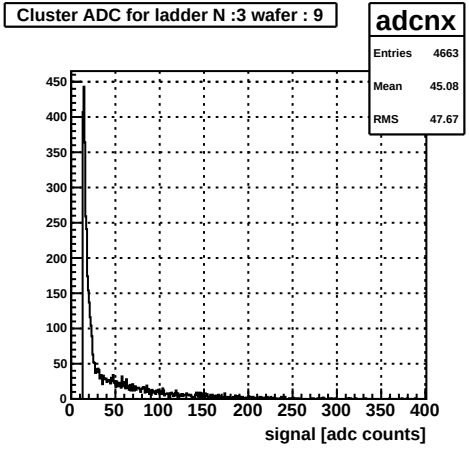

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2193
Mean 29.52
RMS 37.38
signal [adc counts]

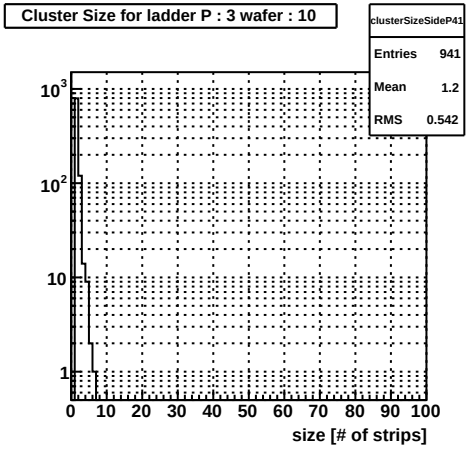

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8518
Mean 1.035
RMS 0.2103
size [# of strips]

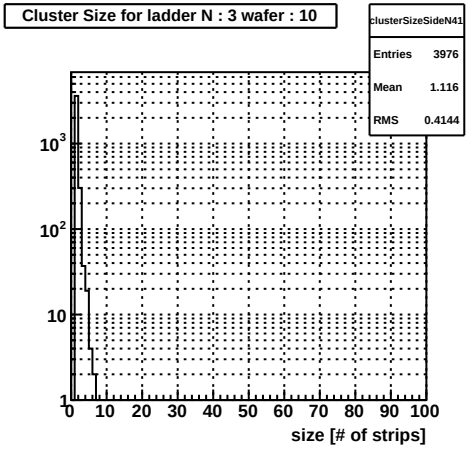

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 4663
Mean 1.252
RMS 0.6271
size [# of strips]

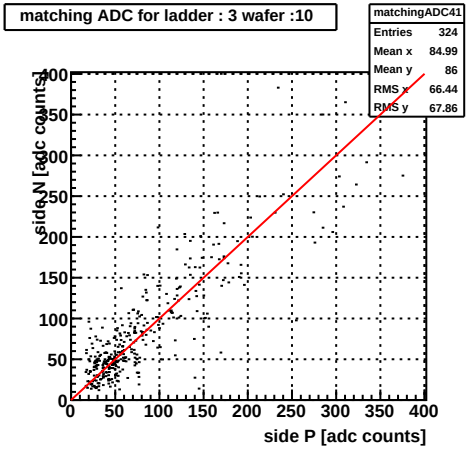

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 362
Mean x 56.78
Mean y 56.06
RMS x 64.9
RMS y 61.07
side N [adc counts]
side P [adc counts]

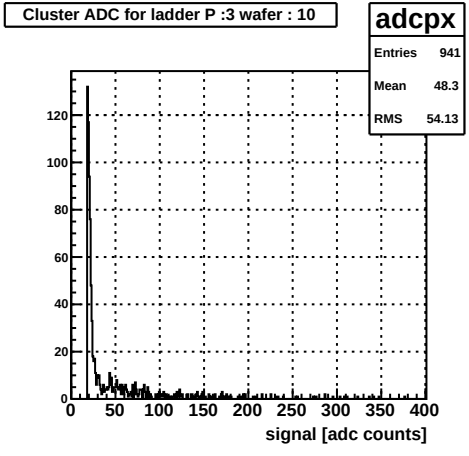

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8518
Mean 24.7
RMS 17.43
signal [adc counts]

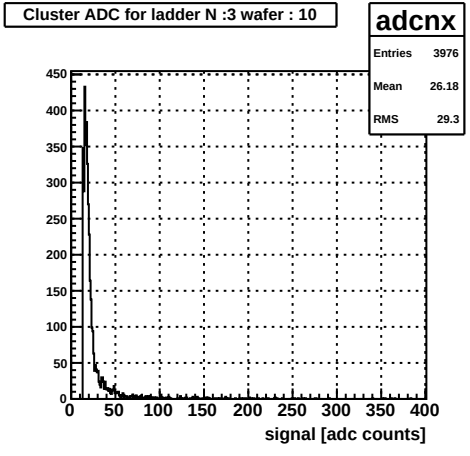

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 4663
Mean 45.08
RMS 47.67
signal [adc counts]

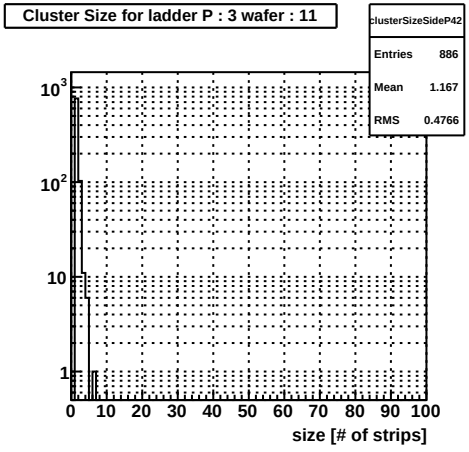

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 941
Mean 1.2
RMS 0.542
size [# of strips]

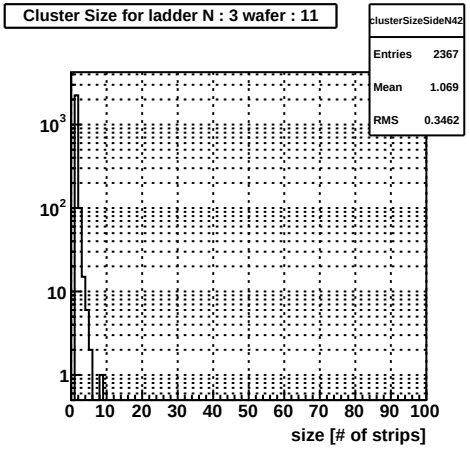

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 3976
Mean 1.116
RMS 0.4144
size [# of strips]

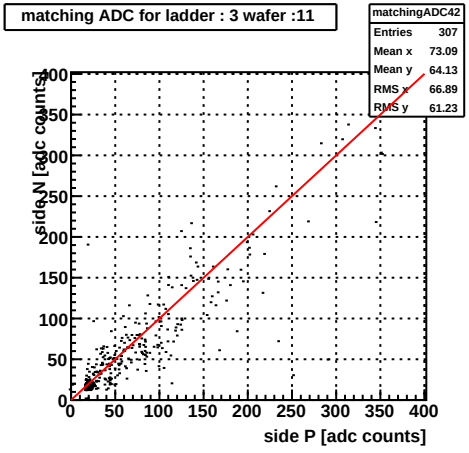

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 324
Mean x 84.99
Mean y 86
RMS x 66.44
RMS y 67.86
side N [adc counts]
side P [adc counts]

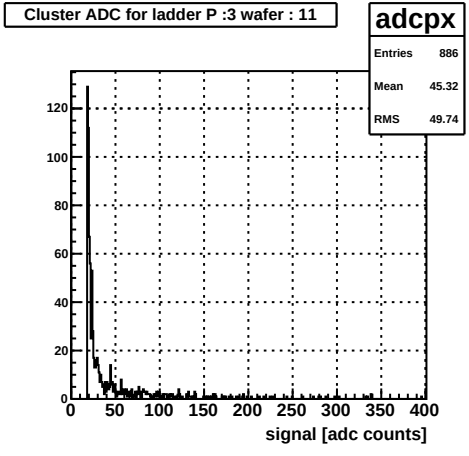

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 941
Mean 48.3
RMS 54.13
signal [adc counts]

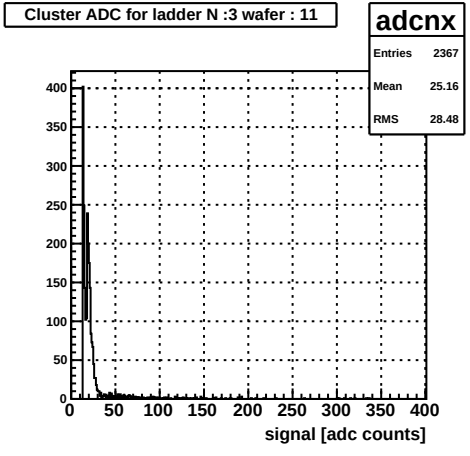

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 3976
Mean 26.18
RMS 29.3
signal [adc counts]

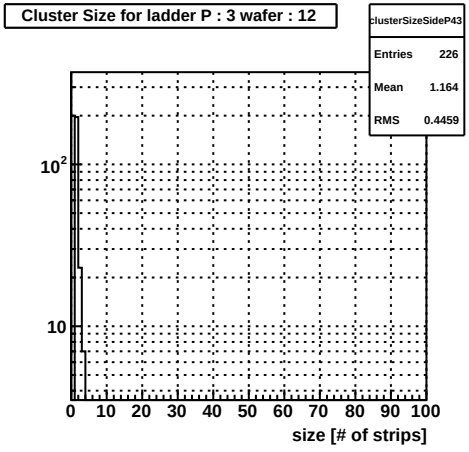

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 886
Mean 1.167
RMS 0.4766
size [# of strips]

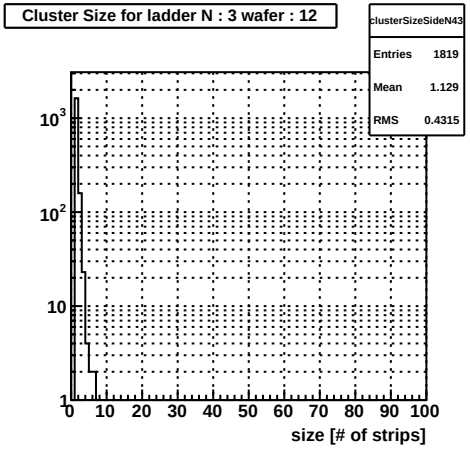

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2367
Mean 1.069
RMS 0.3462
size [# of strips]

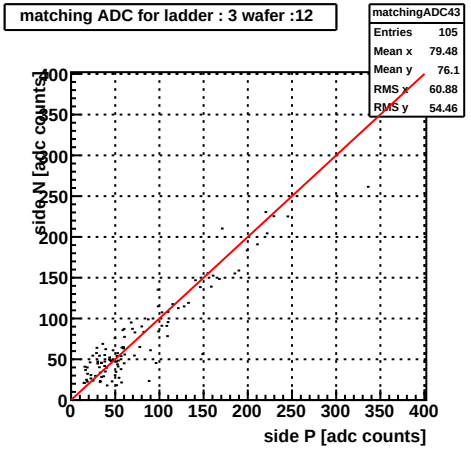

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 307
Mean x 73.09
Mean y 64.13
RMS x 66.89
RMS y 61.23
side N [adc counts]
side P [adc counts]

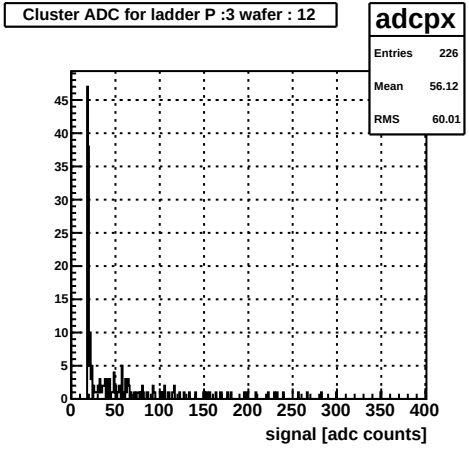

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 886
Mean 45.32
RMS 49.74
signal [adc counts]

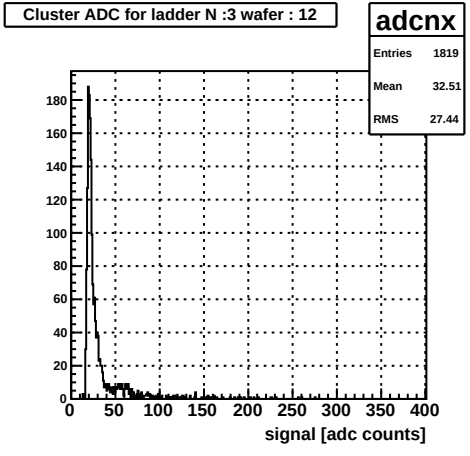

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2367
Mean 25.16
RMS 28.48
signal [adc counts]

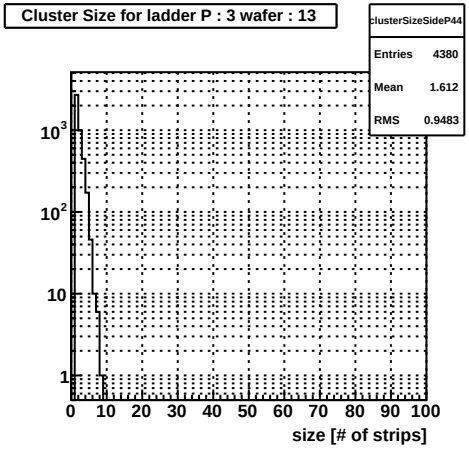

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 226
Mean 1.164
RMS 0.4459
size [# of strips]

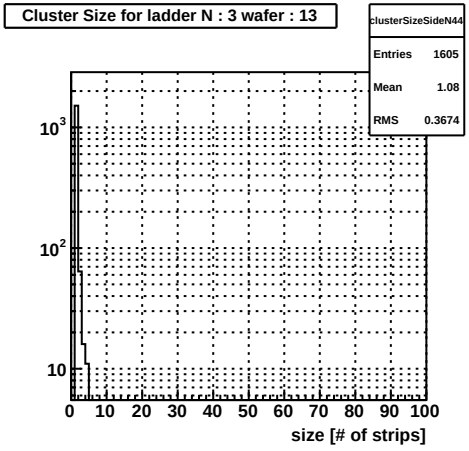

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1819
Mean 1.129
RMS 0.4315
size [# of strips]

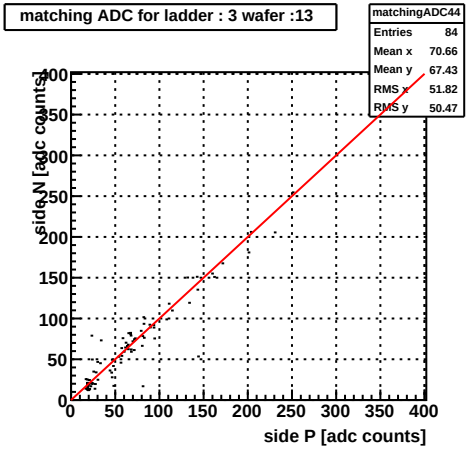

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 105
Mean x 79.48
Mean y 76.1
RMS x 60.88
RMS y 54.46
side N [adc counts]
side P [adc counts]

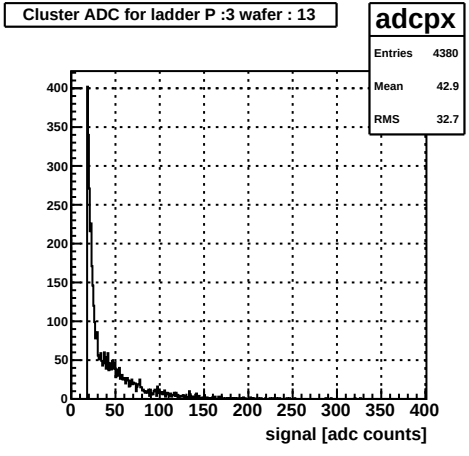

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 226
Mean 56.12
RMS 60.01
signal [adc counts]

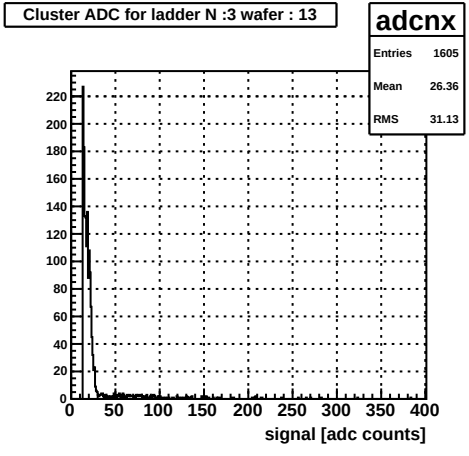

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1819
Mean 32.51
RMS 27.44
signal [adc counts]

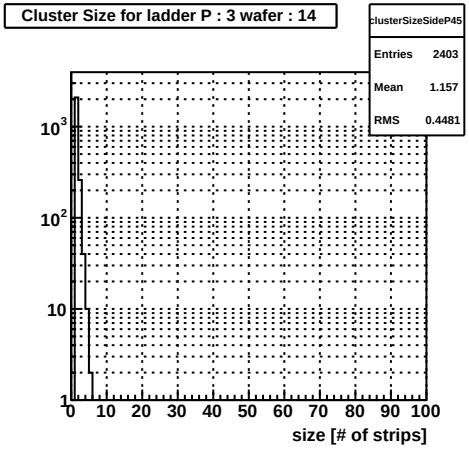

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 4380
Mean 1.612
RMS 0.9483
size [# of strips]

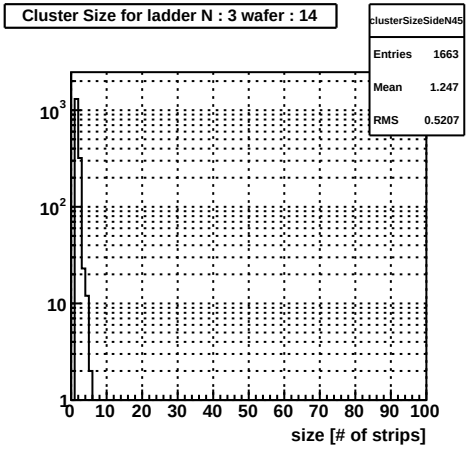

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1605
Mean 1.08
RMS 0.3674
size [# of strips]

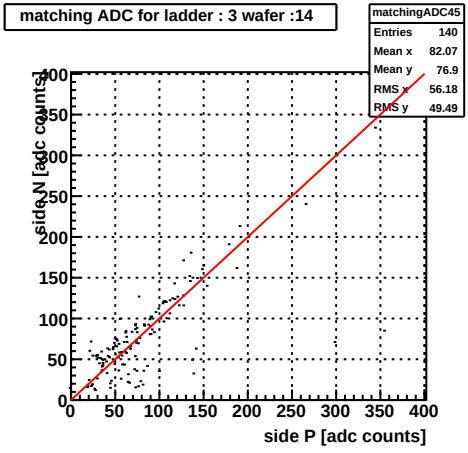

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 84
Mean x 70.66
Mean y 67.43
RMS x 51.82
RMS y 50.47
side N [adc counts]
side P [adc counts]

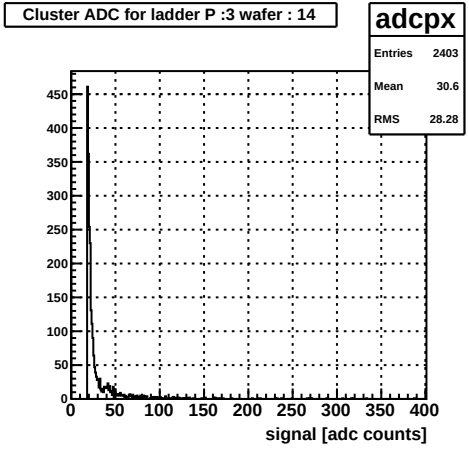

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 4380
Mean 42.9
RMS 32.7
signal [adc counts]

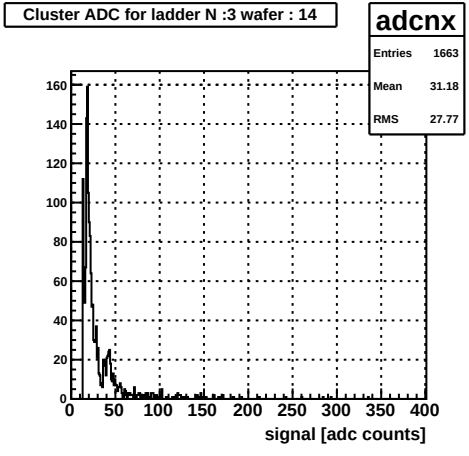

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1605
Mean 26.36
RMS 31.13
signal [adc counts]

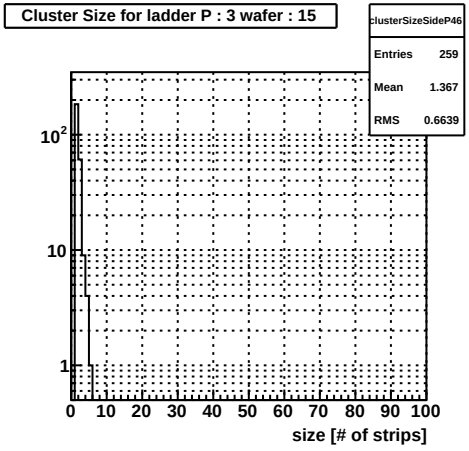

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2403
Mean 1.157
RMS 0.4481
size [# of strips]

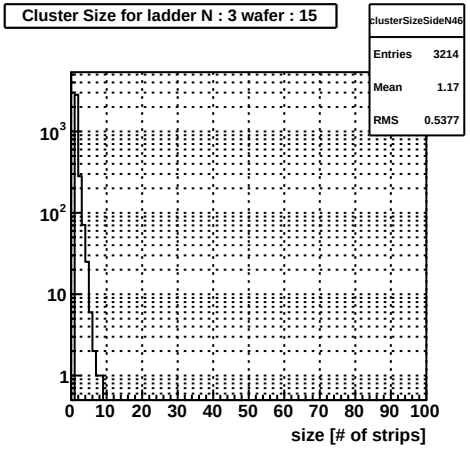

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1663
Mean 1.247
RMS 0.5207
size [# of strips]

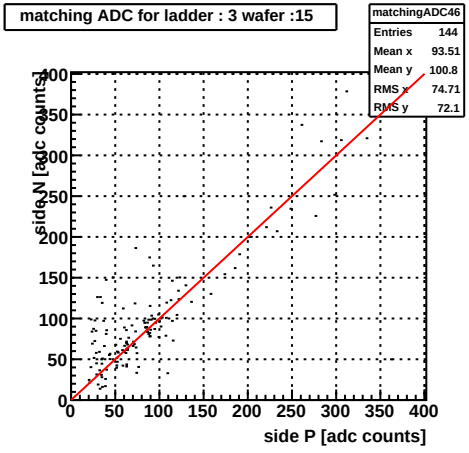

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 140
Mean x 82.07
Mean y 76.9
RMS x 56.18
RMS y 49.49
side N [adc counts]
side P [adc counts]

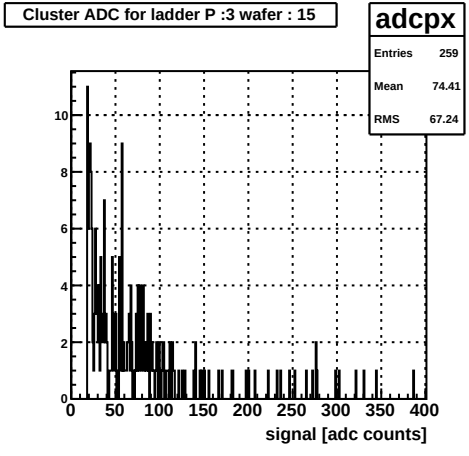

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2403
Mean 30.6
RMS 28.28
signal [adc counts]

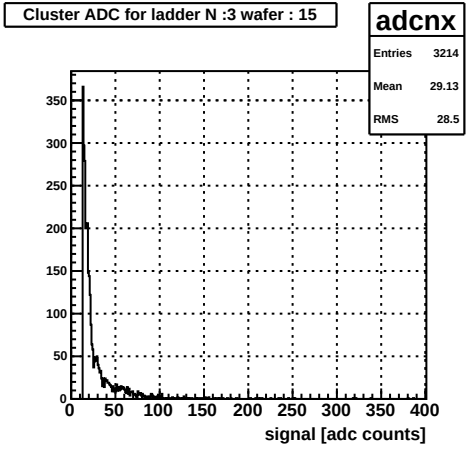

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1663
Mean 31.18
RMS 27.77
signal [adc counts]

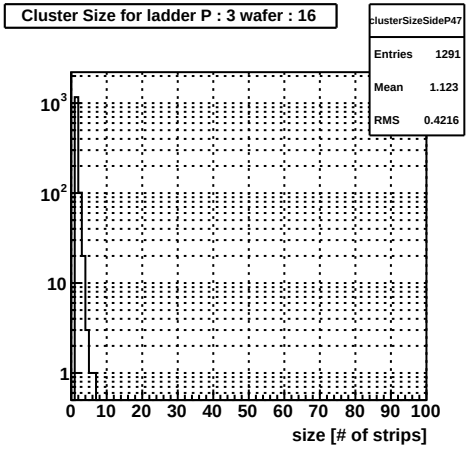

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 259
Mean 1.367
RMS 0.6639
size [# of strips]

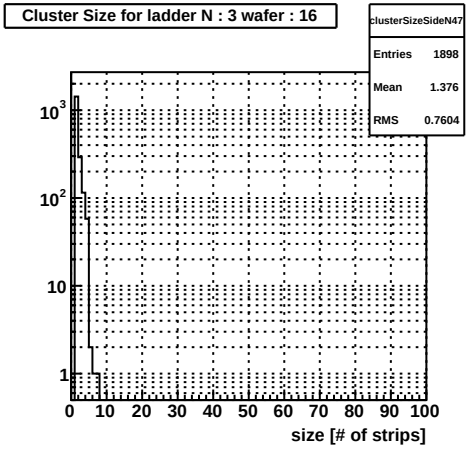

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3214
Mean 1.17
RMS 0.5377
size [# of strips]

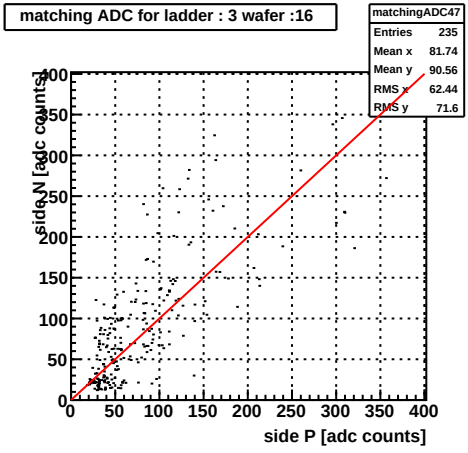

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 144
Mean x 93.51
Mean y 100.8
RMS x 74.71
RMS y 72.1
side N [adc counts]
side P [adc counts]

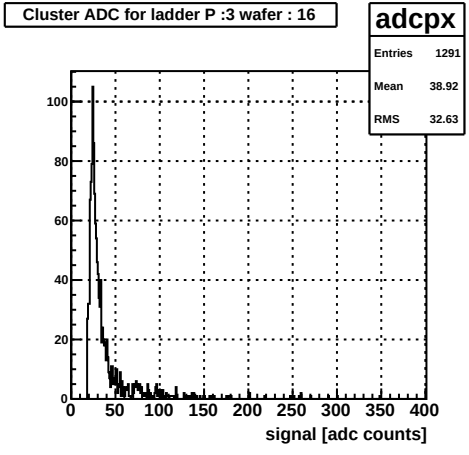

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 259
Mean 74.41
RMS 67.24
signal [adc counts]

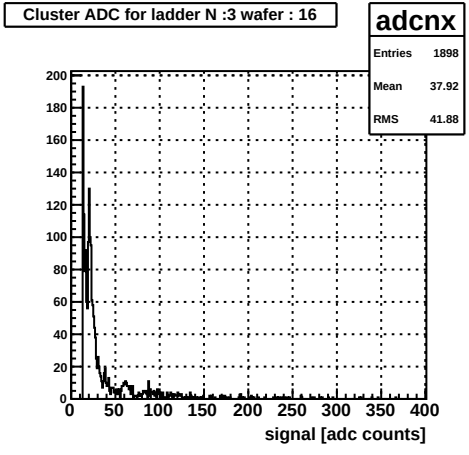

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3214
Mean 29.13
RMS 28.5
signal [adc counts]

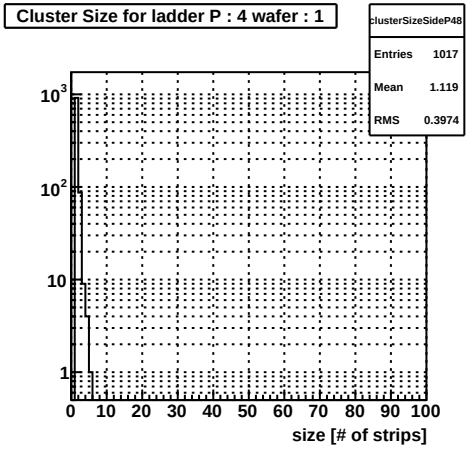

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1291
Mean 1.123
RMS 0.4216
size [# of strips]

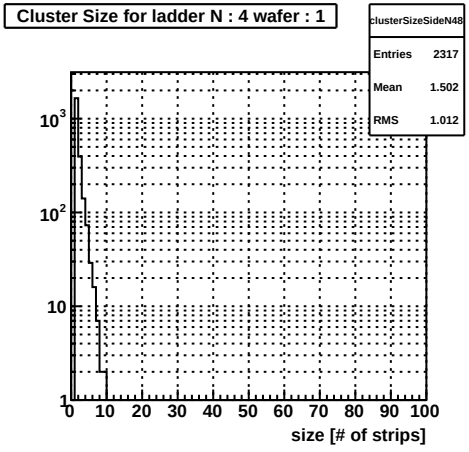

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1898
Mean 1.376
RMS 0.7604
size [# of strips]

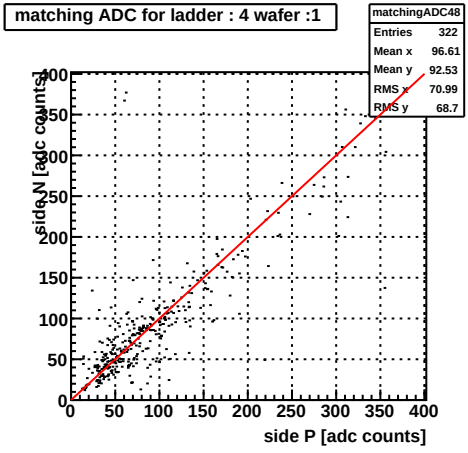

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 235
Mean x 81.74
Mean y 90.56
RMS x 62.44
RMS y 71.6
side N [adc counts]
side P [adc counts]

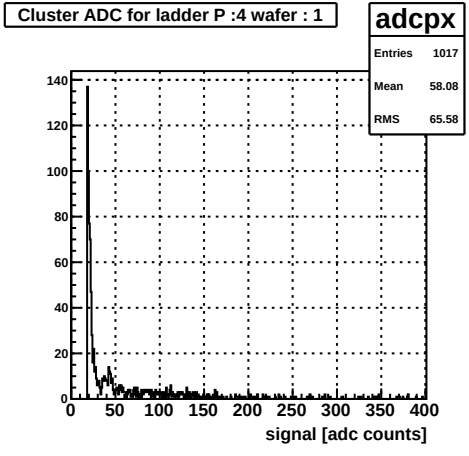

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1291
Mean 38.92
RMS 32.63
signal [adc counts]

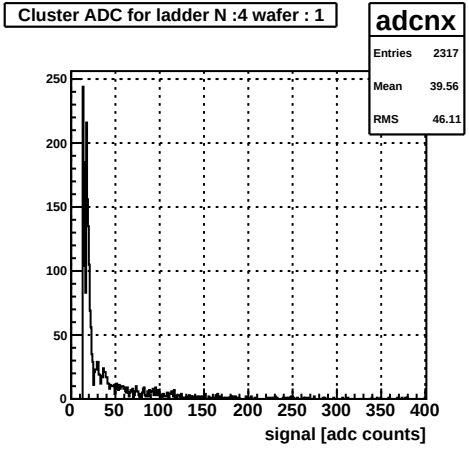

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1898
Mean 37.92
RMS 41.88
signal [adc counts]

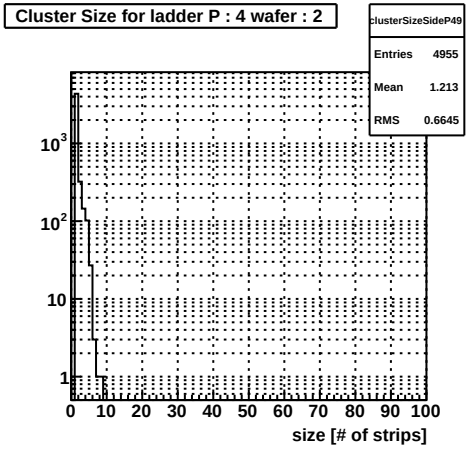

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1017
Mean 1.119
RMS 0.3974
size [# of strips]

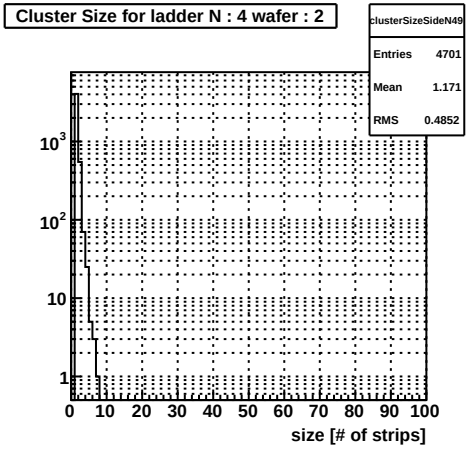

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2317
Mean 1.502
RMS 1.012
size [# of strips]

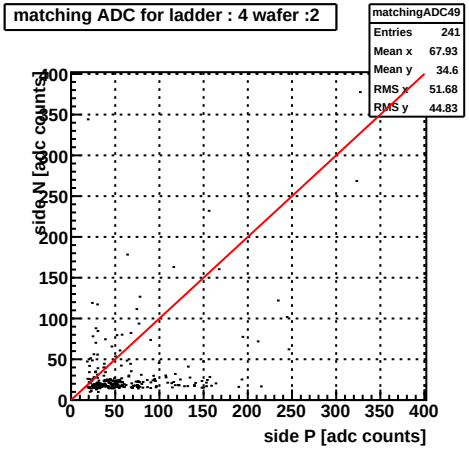

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 322
Mean x 96.61
Mean y 92.53
RMS x 70.99
RMS y 68.7
side N [adc counts]
side P [adc counts]

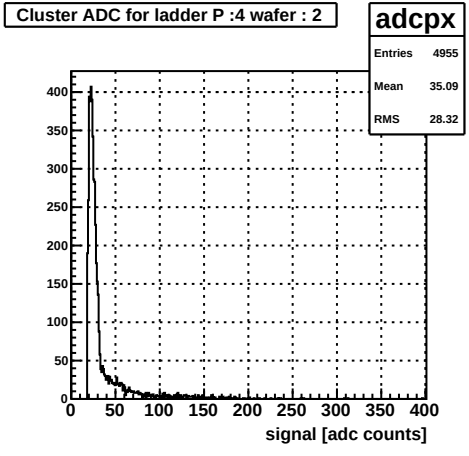

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1017
Mean 58.08
RMS 65.58
signal [adc counts]

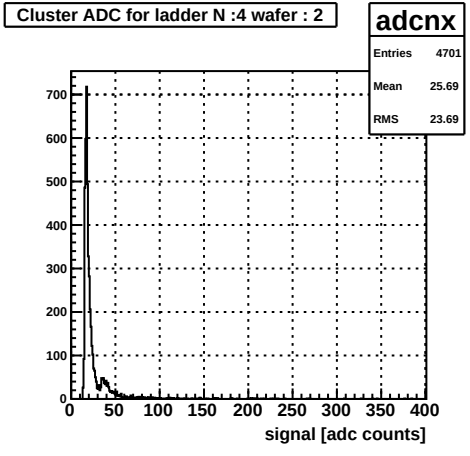

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2317
Mean 39.56
RMS 46.11
signal [adc counts]

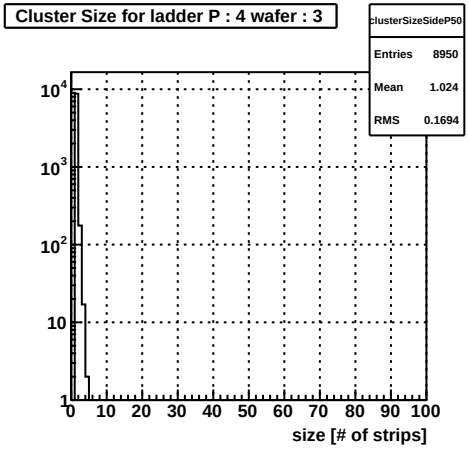

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 4955
Mean 1.213
RMS 0.6645
size [# of strips]

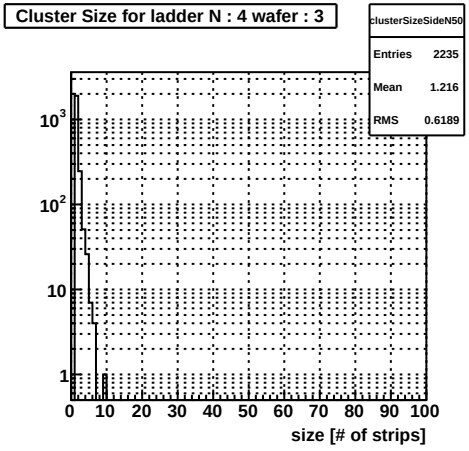

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 4701
Mean 1.171
RMS 0.4852
size [# of strips]

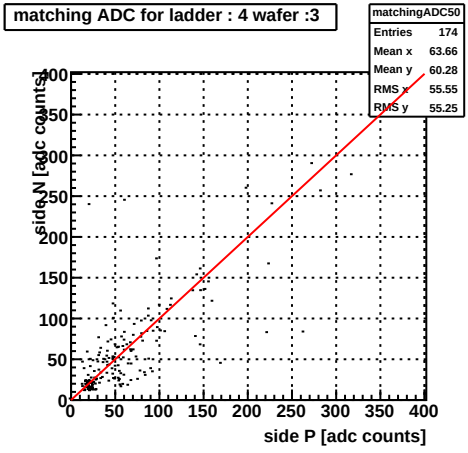

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 241
Mean x 67.93
Mean y 34.6
RMS x 51.68
RMS y 44.83
side N [adc counts]
side P [adc counts]

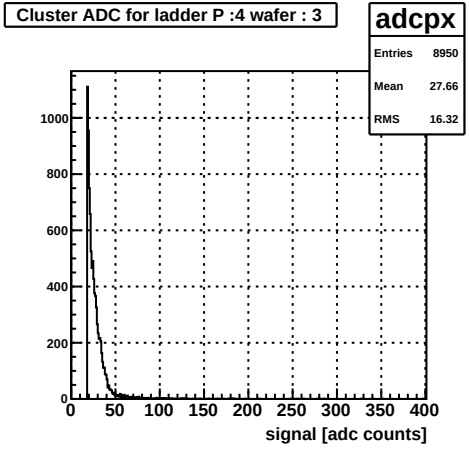

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 4955
Mean 35.09
RMS 28.32
signal [adc counts]

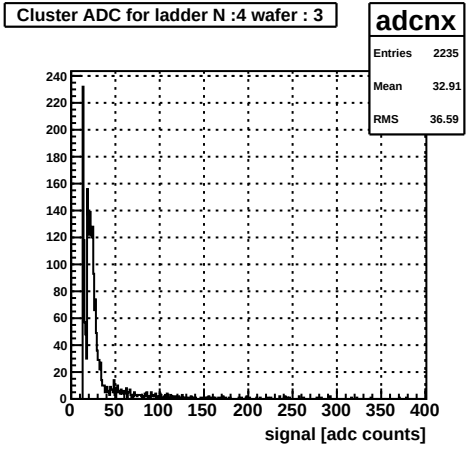

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 4701
Mean 25.69
RMS 23.69
signal [adc counts]

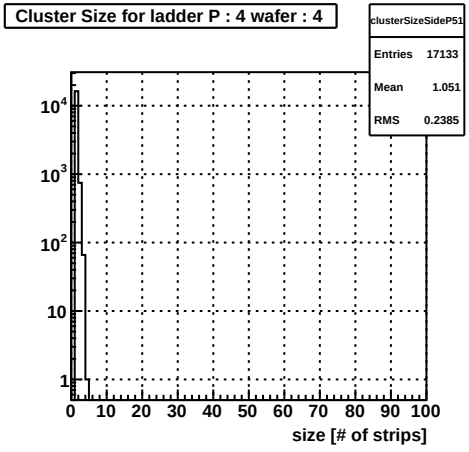

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8950
Mean 1.024
RMS 0.1694
size [# of strips]

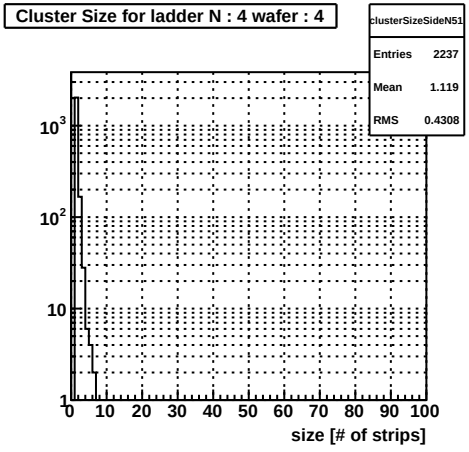

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2235
Mean 1.216
RMS 0.6189
size [# of strips]

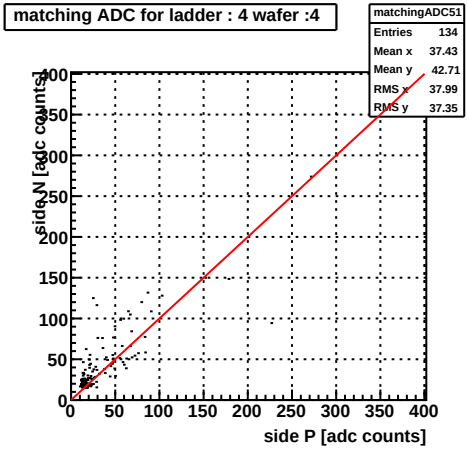

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 174
Mean x 63.66
Mean y 60.28
RMS x 55.55
RMS y 55.25
side N [adc counts]
side P [adc counts]

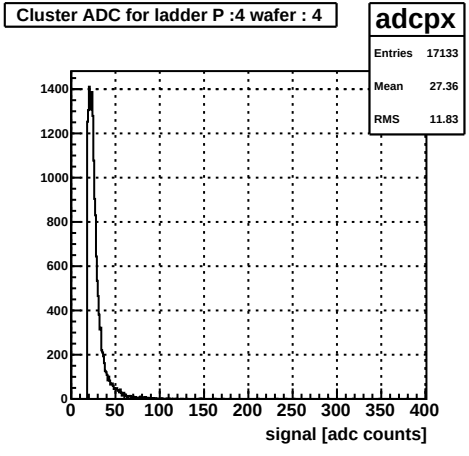

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8950
Mean 27.66
RMS 16.32
signal [adc counts]

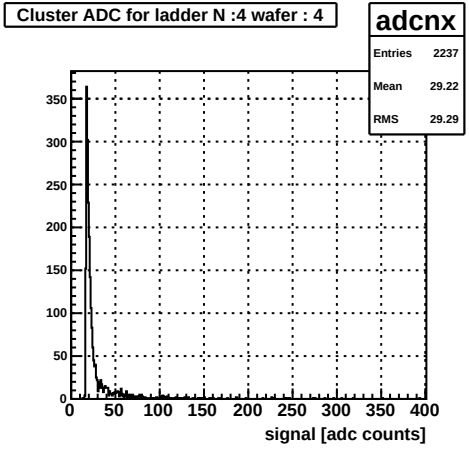

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2235
Mean 32.91
RMS 36.59
signal [adc counts]

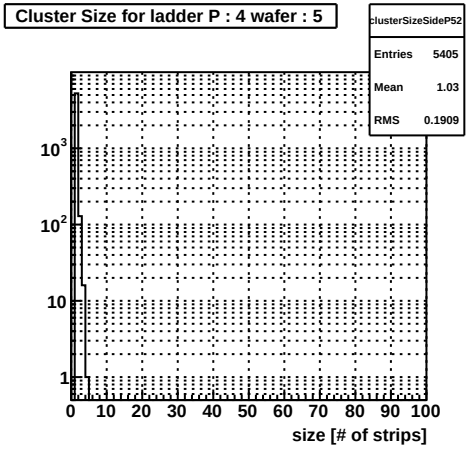

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 17133
Mean 1.051
RMS 0.2385
size [# of strips]

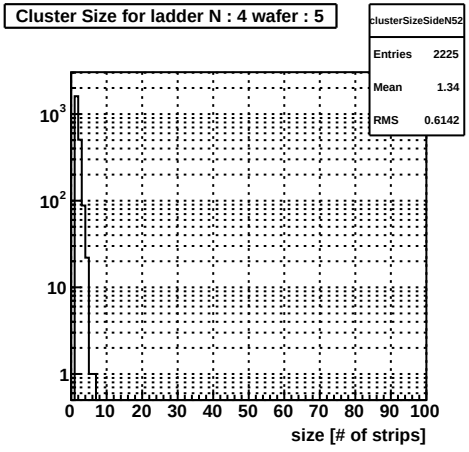

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2237
Mean 1.119
RMS 0.4308
size [# of strips]

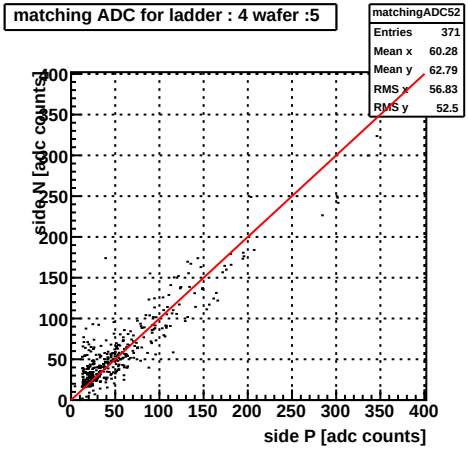

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 134
Mean x 37.43
Mean y 42.71
RMS x 37.99
RMS y 37.35
side N [adc counts]
side P [adc counts]

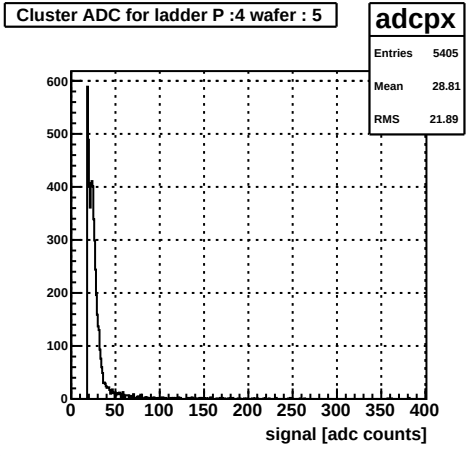

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 17133
Mean 27.36
RMS 11.83
signal [adc counts]

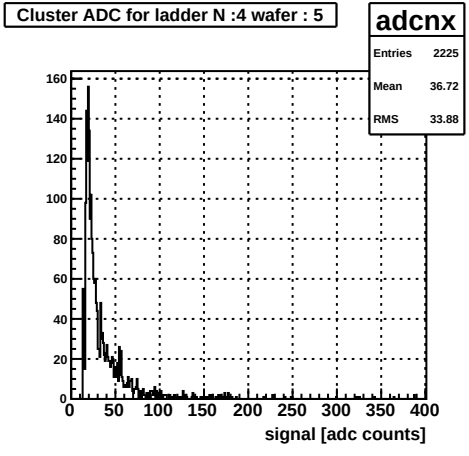

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2237
Mean 29.22
RMS 29.29
signal [adc counts]

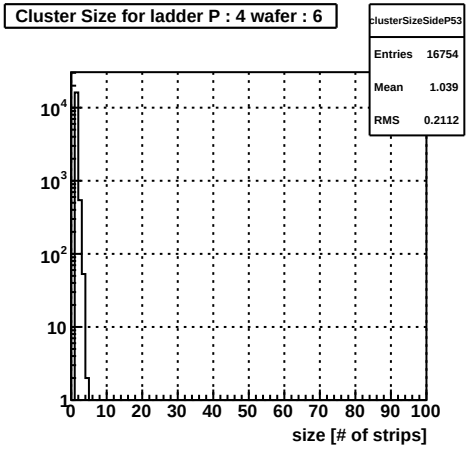

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5405
Mean 1.03
RMS 0.1909
size [# of strips]

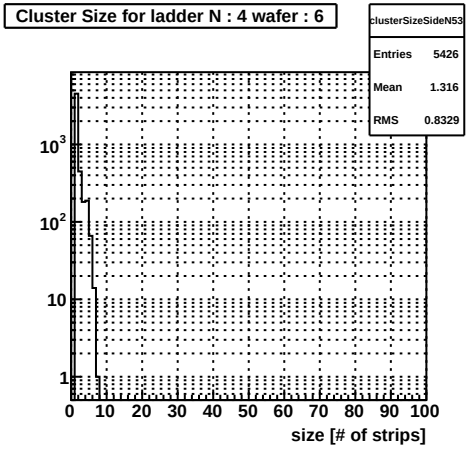

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2225
Mean 1.34
RMS 0.6142
size [# of strips]

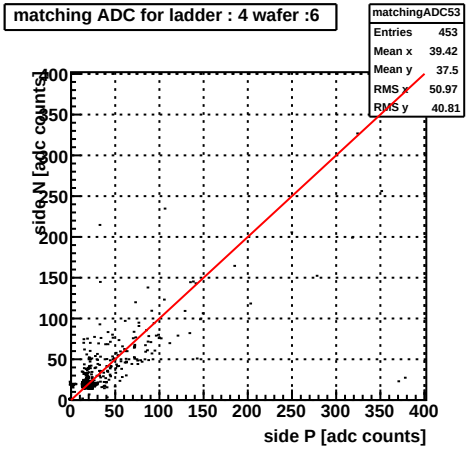

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 371
Mean x 60.28
Mean y 62.79
RMS x 56.83
RMS y 52.5
side N [adc counts]
side P [adc counts]

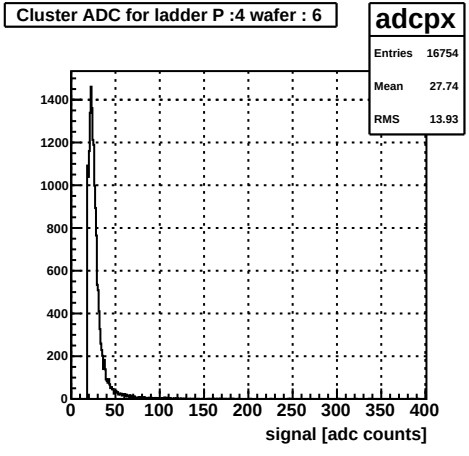

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5405
Mean 28.81
RMS 21.89
signal [adc counts]

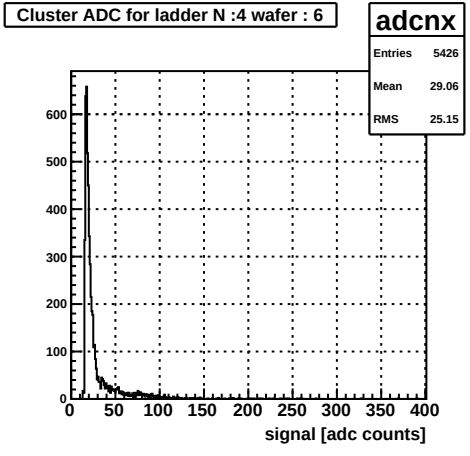

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2225
Mean 36.72
RMS 33.88
signal [adc counts]

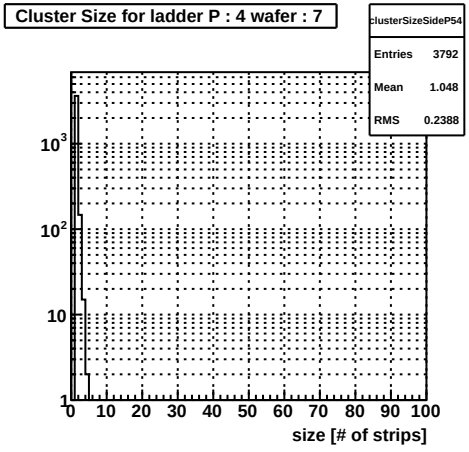

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16754
Mean 1.039
RMS 0.2112
size [# of strips]

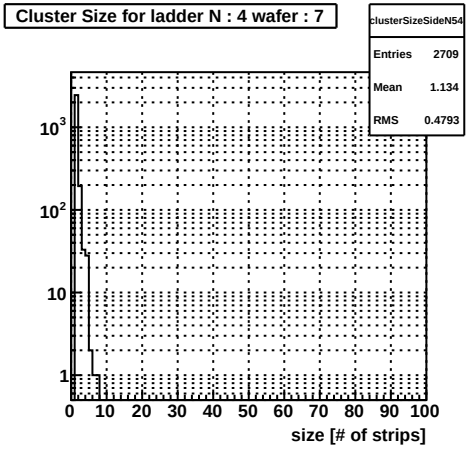

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5426
Mean 1.316
RMS 0.8329
size [# of strips]

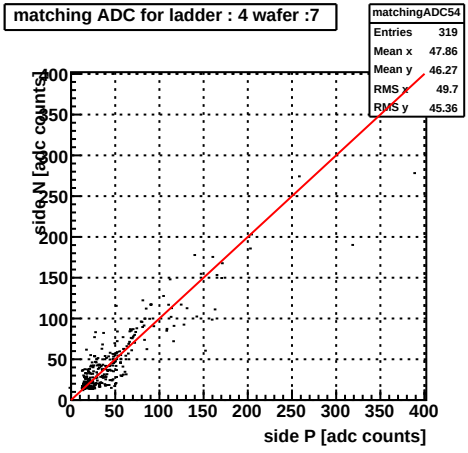

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 453
Mean x 39.42
Mean y 37.5
RMS x 50.97
RMS y 40.81
side N [adc counts]
side P [adc counts]

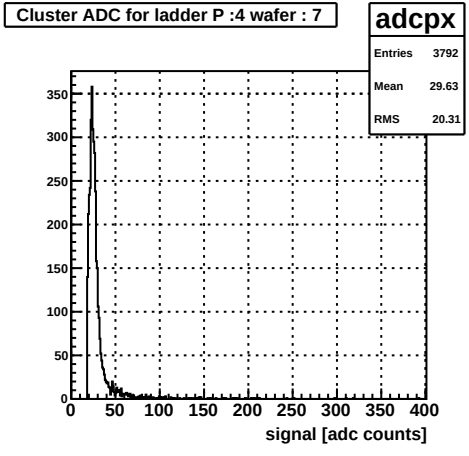

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16754
Mean 27.74
RMS 13.93
signal [adc counts]

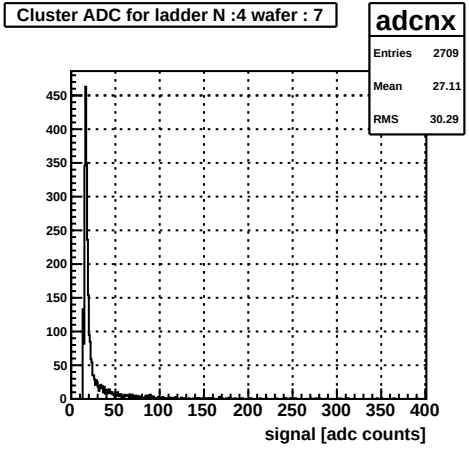

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5426
Mean 29.06
RMS 25.15
signal [adc counts]

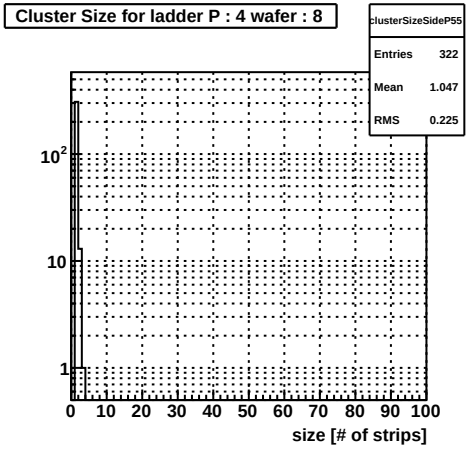

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3792
Mean 1.048
RMS 0.2388
size [# of strips]

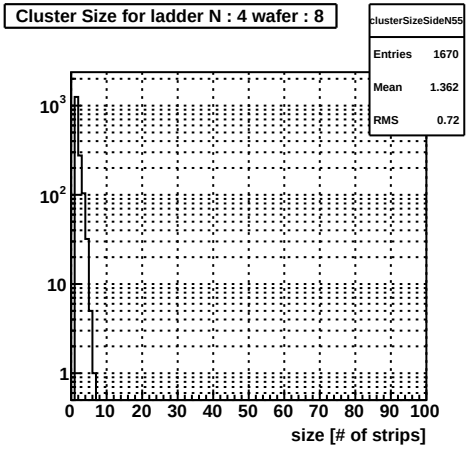

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2709
Mean 1.134
RMS 0.4793
size [# of strips]

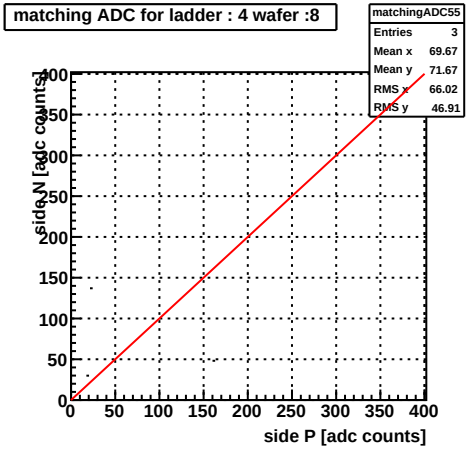

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 319
Mean x 47.86
Mean y 46.27
RMS x 49.7
RMS y 45.36
side N [adc counts]
side P [adc counts]

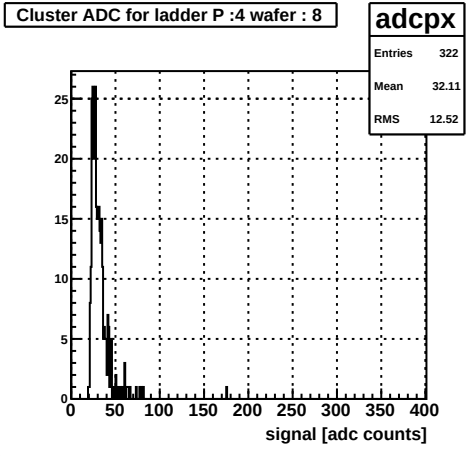

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3792
Mean 29.63
RMS 20.31
signal [adc counts]

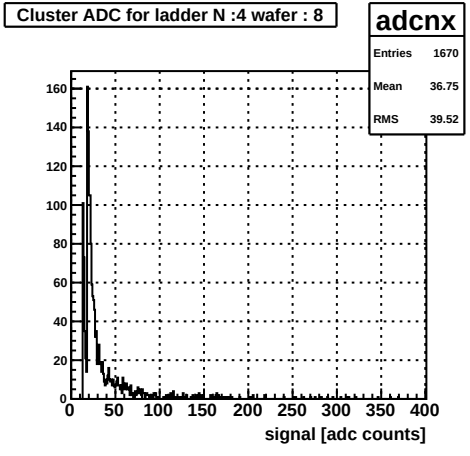

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2709
Mean 27.11
RMS 30.29
signal [adc counts]

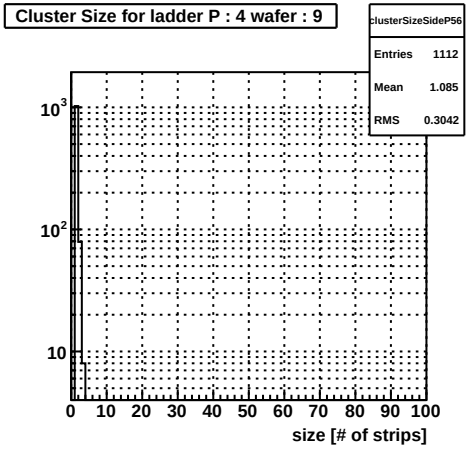

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 322
Mean 1.047
RMS 0.225
size [# of strips]

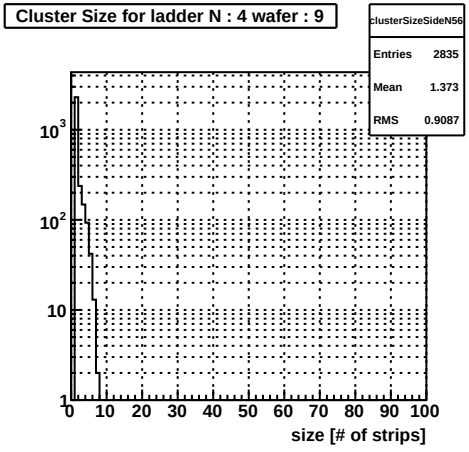

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1670
Mean 1.362
RMS 0.72
size [# of strips]

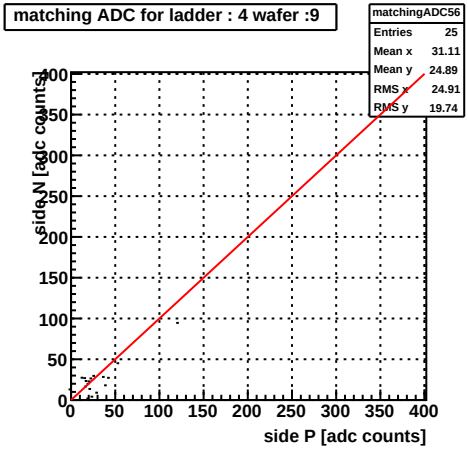

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 69.67
Mean y 71.67
RMS x 66.02
RMS y 46.91
side N [adc counts]
side P [adc counts]

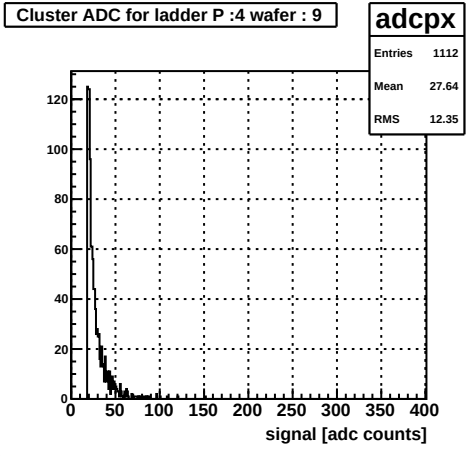

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 322
Mean 32.11
RMS 12.52
signal [adc counts]

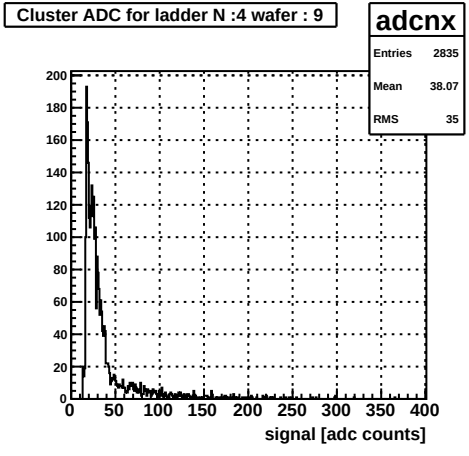

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1670
Mean 36.75
RMS 39.52
signal [adc counts]

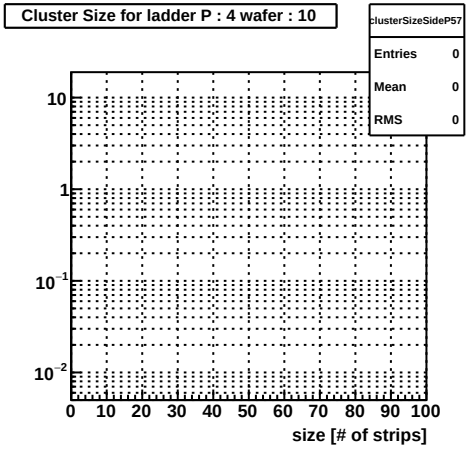

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1112
Mean 1.085
RMS 0.3042
size [# of strips]

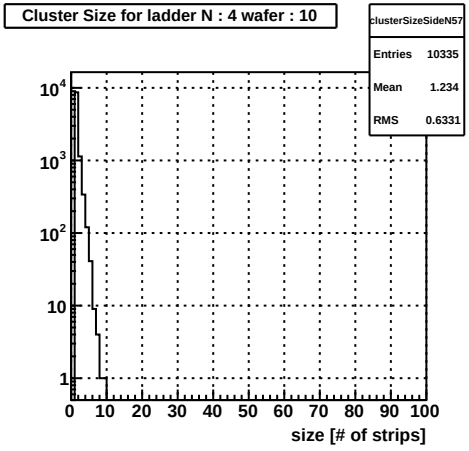

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2835
Mean 1.373
RMS 0.9087
size [# of strips]

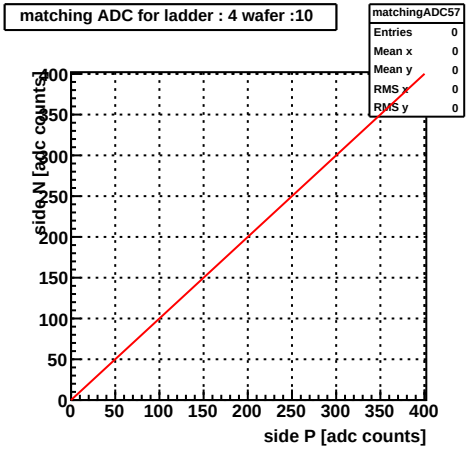

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 25
Mean x 31.11
Mean y 24.89
RMS x 24.91
RMS y 19.74
side N [adc counts]
side P [adc counts]

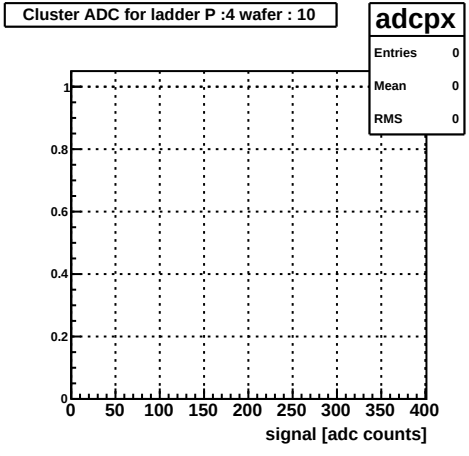

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1112
Mean 27.64
RMS 12.35
signal [adc counts]

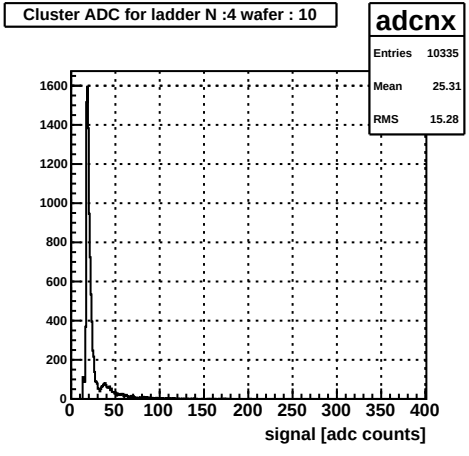

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2835
Mean 38.07
RMS 35
signal [adc counts]

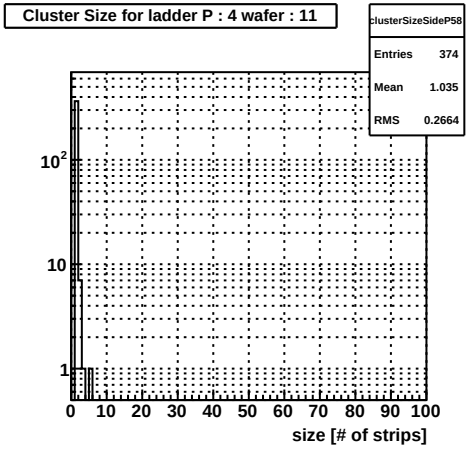

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

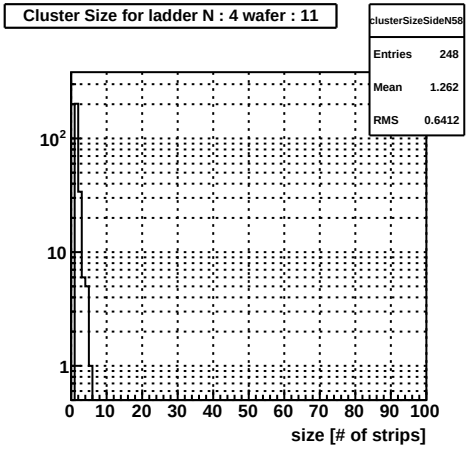

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10335
Mean 1.234
RMS 0.6331
size [# of strips]

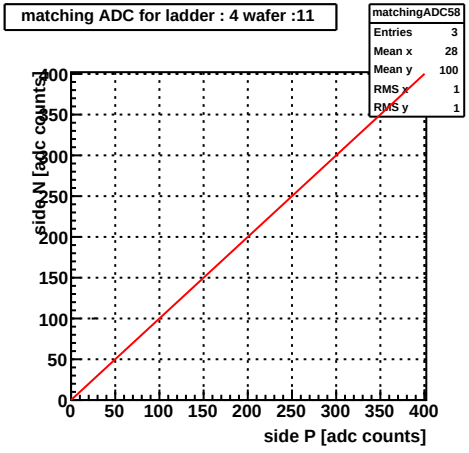

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

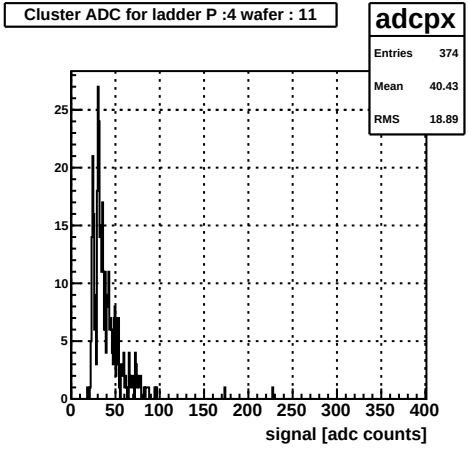

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

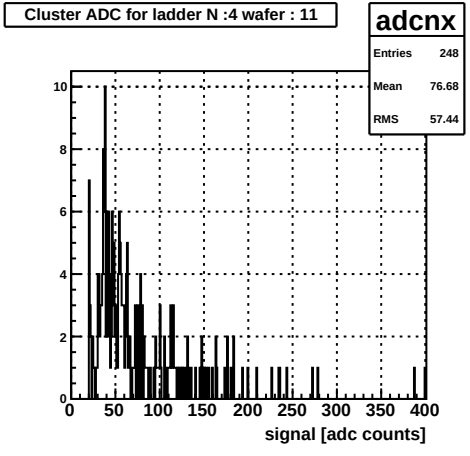

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10335
Mean 25.31
RMS 15.28
signal [adc counts]

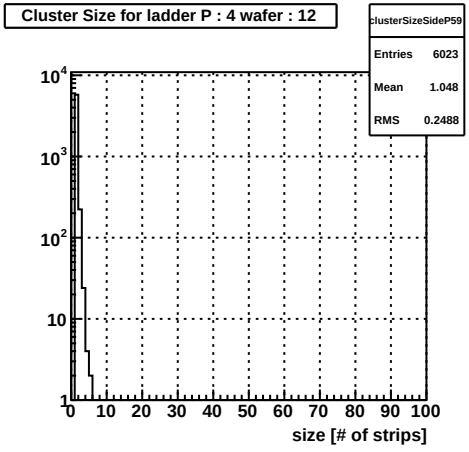

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 374
Mean 1.035
RMS 0.2664
size [# of strips]

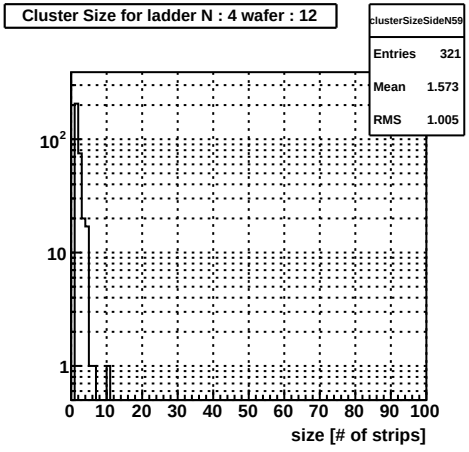

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 248
Mean 1.262
RMS 0.6412
size [# of strips]

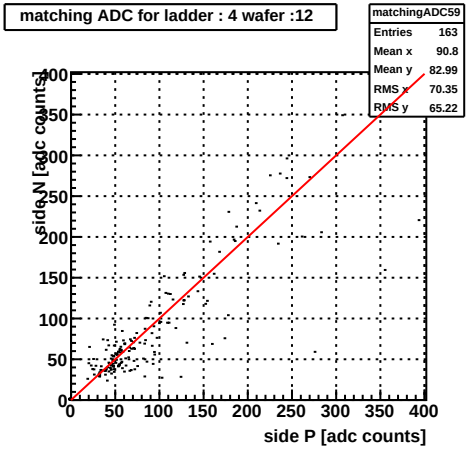

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 28
Mean y 100
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

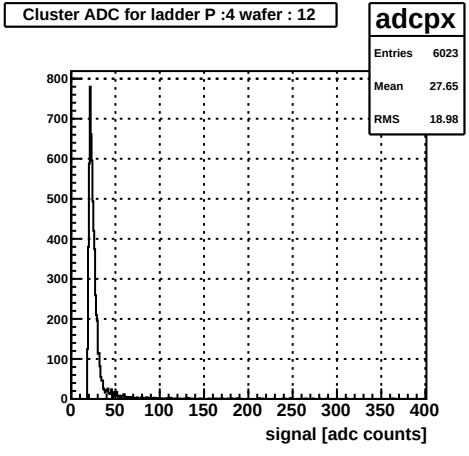

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 374
Mean 40.43
RMS 18.89
signal [adc counts]

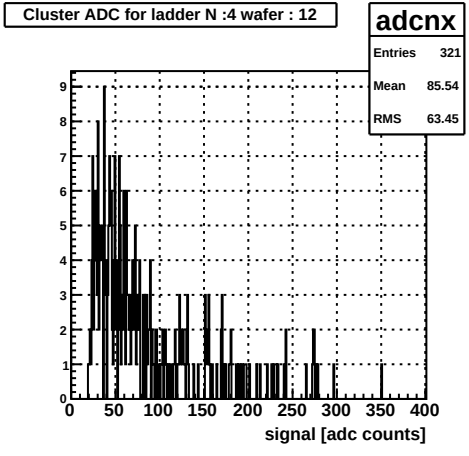

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 248
Mean 76.68
RMS 57.44
signal [adc counts]

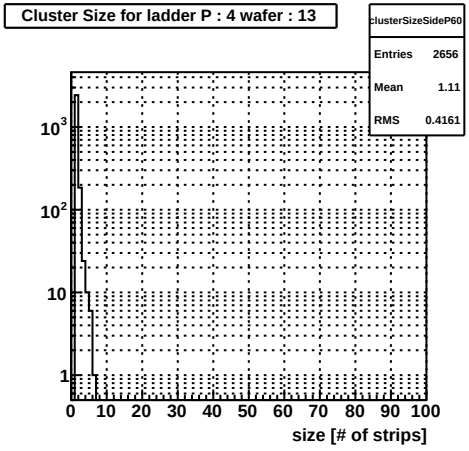

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 6023
Mean 1.048
RMS 0.2488
size [# of strips]

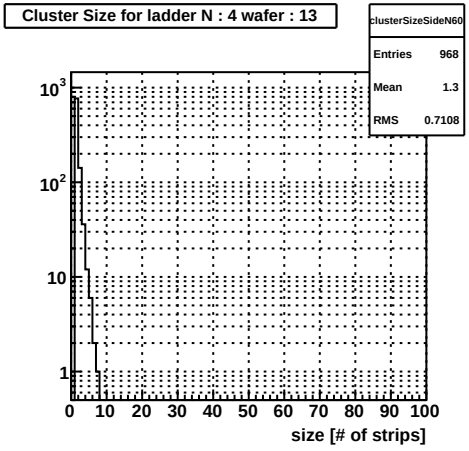

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 321
Mean 1.573
RMS 1.005
size [# of strips]

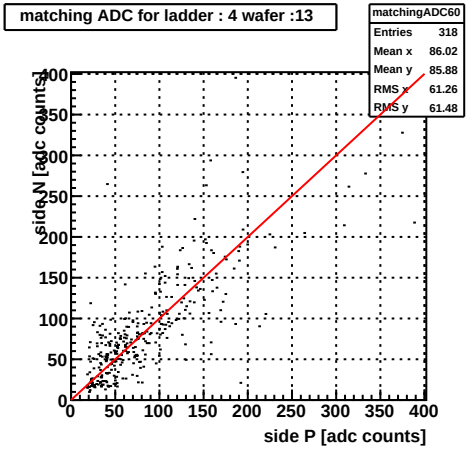

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 163
Mean x 90.8
Mean y 82.99
RMS x 70.35
RMS y 65.22
side N [adc counts]
side P [adc counts]

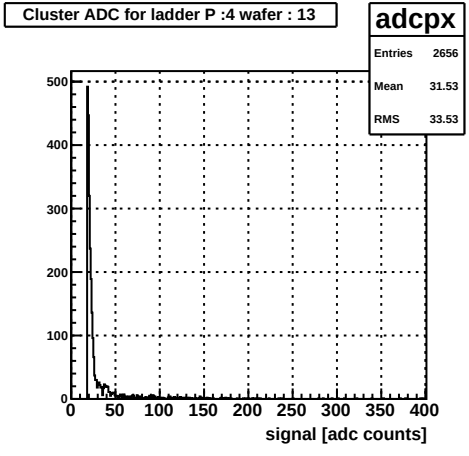

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 6023
Mean 27.65
RMS 18.98
signal [adc counts]

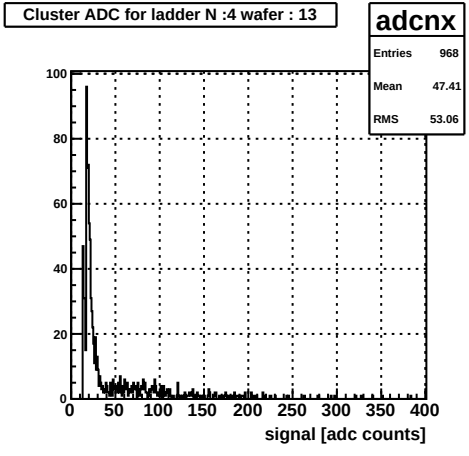

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 321
Mean 85.54
RMS 63.45
signal [adc counts]

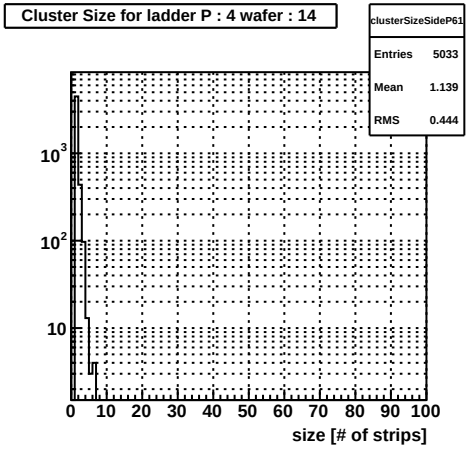

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2656
Mean 1.11
RMS 0.4161
size [# of strips]

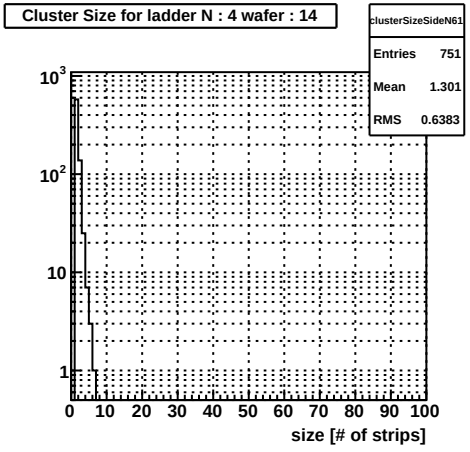

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 968
Mean 1.3
RMS 0.7108
size [# of strips]

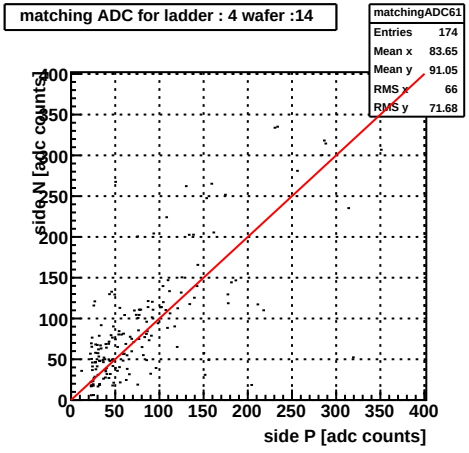

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 318
Mean x 86.02
Mean y 85.88
RMS x 61.26
RMS y 61.48
side N [adc counts]
side P [adc counts]

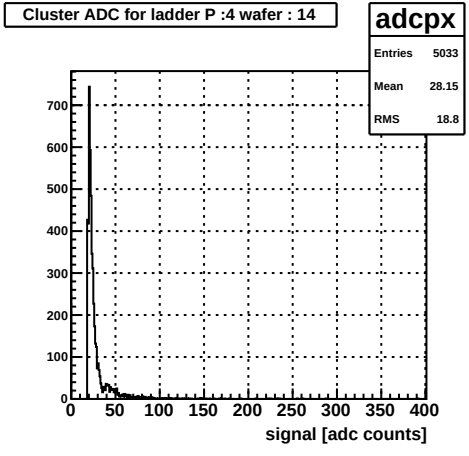

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2656
Mean 31.53
RMS 33.53
signal [adc counts]

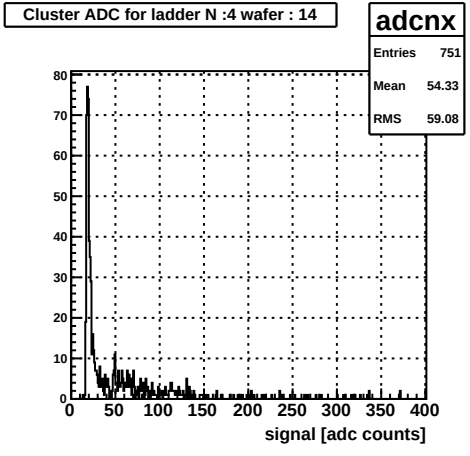

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 968
Mean 47.41
RMS 53.06
signal [adc counts]

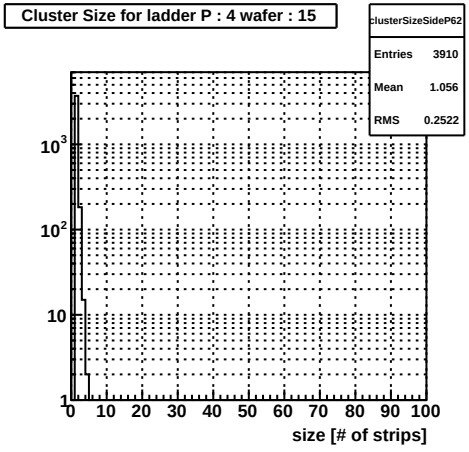

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5033
Mean 1.139
RMS 0.444
size [# of strips]

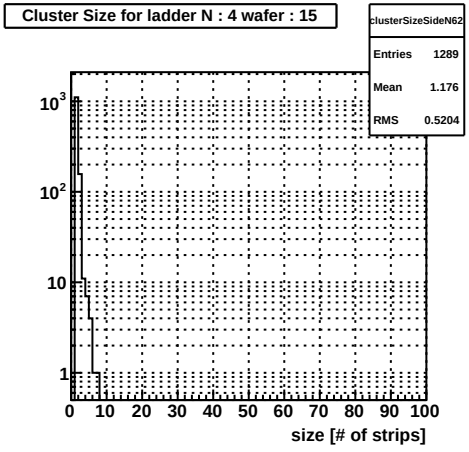

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 751
Mean 1.301
RMS 0.6383
size [# of strips]

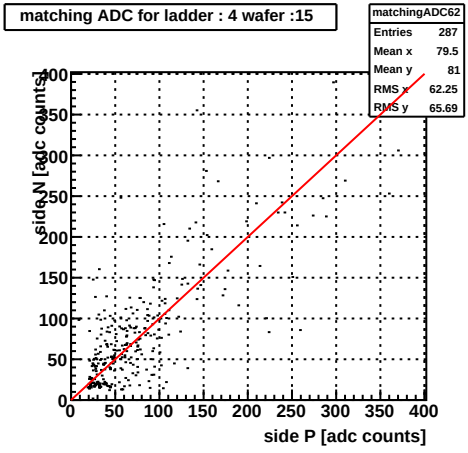

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 174
Mean x 83.65
Mean y 91.05
RMS x 66
RMS y 71.68
side N [adc counts]
side P [adc counts]

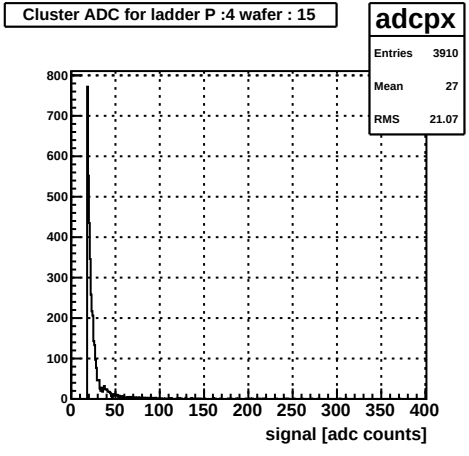

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5033
Mean 28.15
RMS 18.8
signal [adc counts]

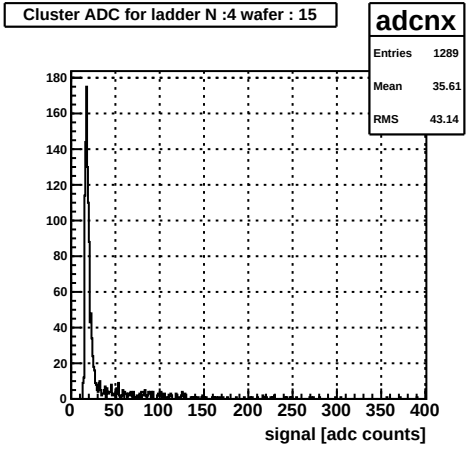

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 751
Mean 54.33
RMS 59.08
signal [adc counts]

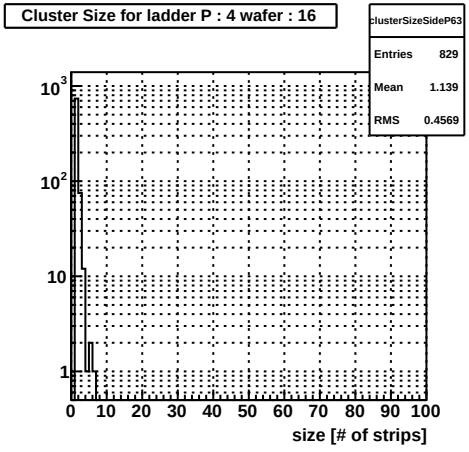

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 3910
Mean 1.056
RMS 0.2522
size [# of strips]

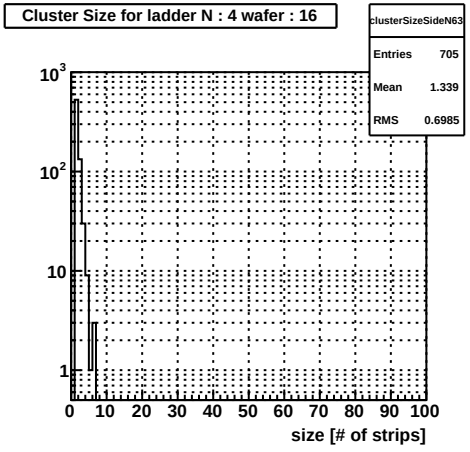

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1289
Mean 1.176
RMS 0.5204
size [# of strips]

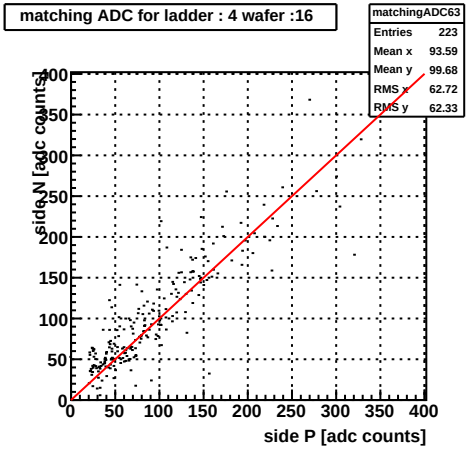

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 287
Mean x 79.5
Mean y 81
RMS x 62.25
RMS y 65.69
side N [adc counts]
side P [adc counts]

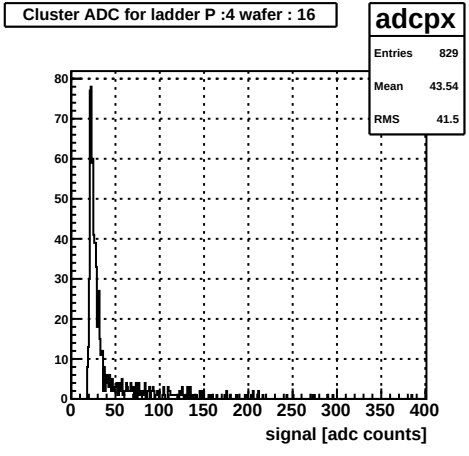

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 3910
Mean 27
RMS 21.07
signal [adc counts]

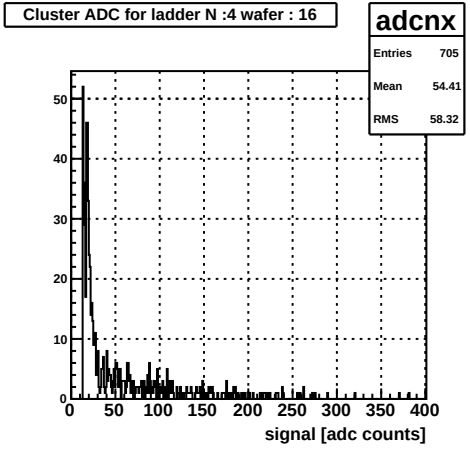

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1289
Mean 35.61
RMS 43.14
signal [adc counts]

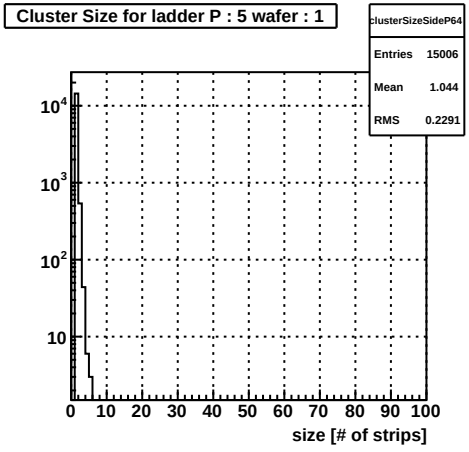

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 829
Mean 1.139
RMS 0.4569
size [# of strips]

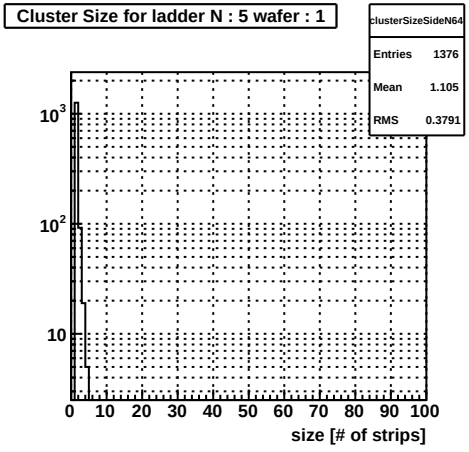

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 705
Mean 1.339
RMS 0.6985
size [# of strips]

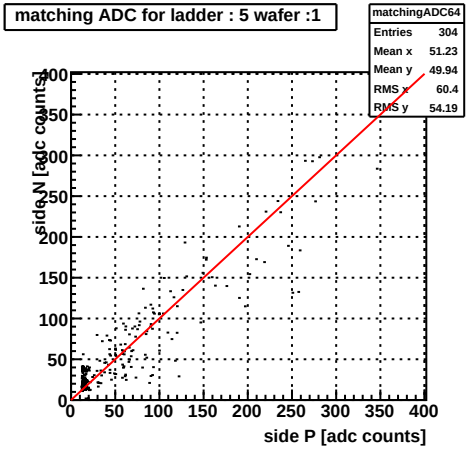

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 223
Mean x 93.59
Mean y 99.68
RMS x 62.72
RMS y 62.33
side N [adc counts]
side P [adc counts]

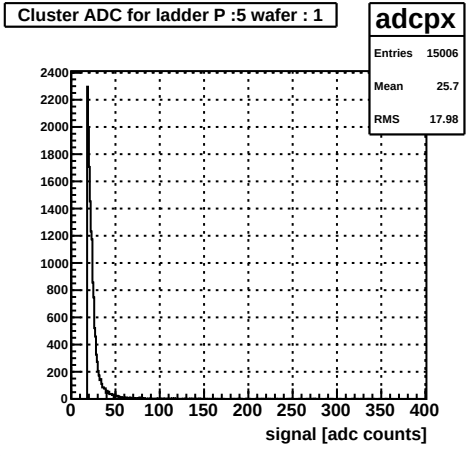

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 829
Mean 43.54
RMS 41.5
signal [adc counts]

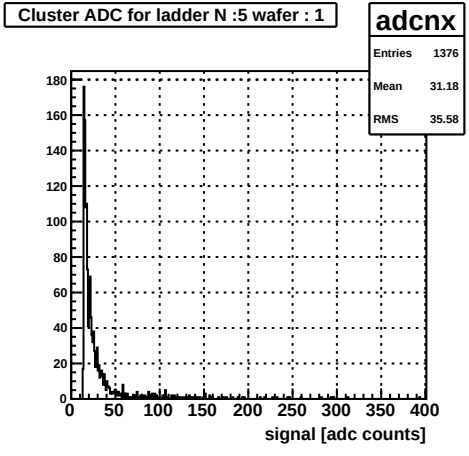

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 705
Mean 54.41
RMS 58.32
signal [adc counts]

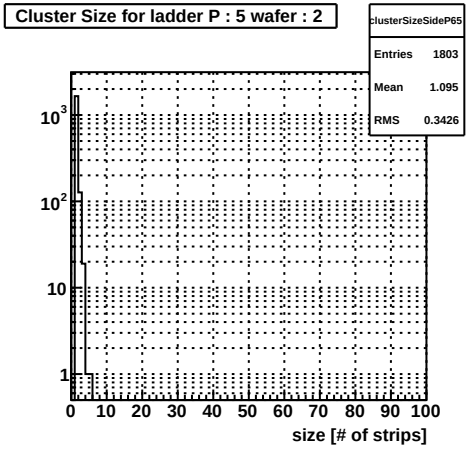

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 15006
Mean 1.044
RMS 0.2291
size [# of strips]

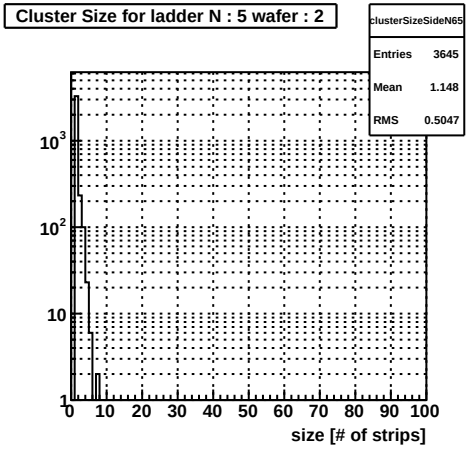

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1376
Mean 1.105
RMS 0.3791
size [# of strips]

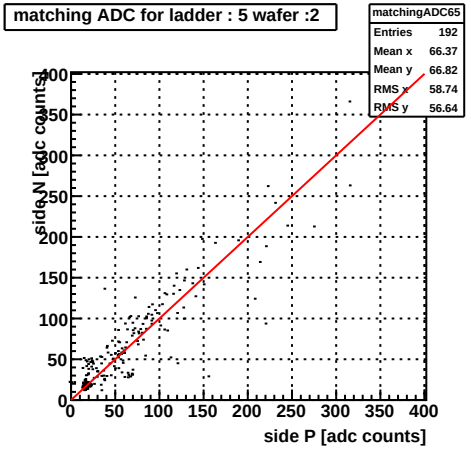

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 304
Mean x 51.23
Mean y 49.94
RMS x 60.4
RMS y 54.19
side N [adc counts]
side P [adc counts]

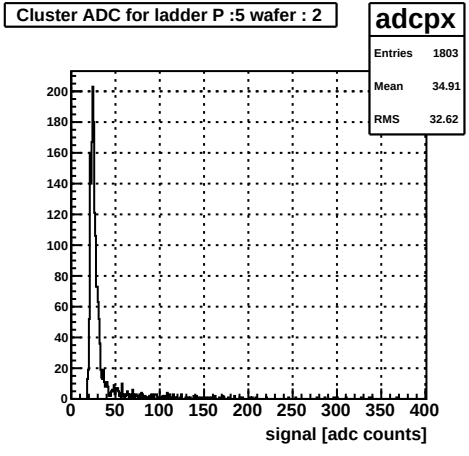

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 15006
Mean 25.7
RMS 17.98
signal [adc counts]

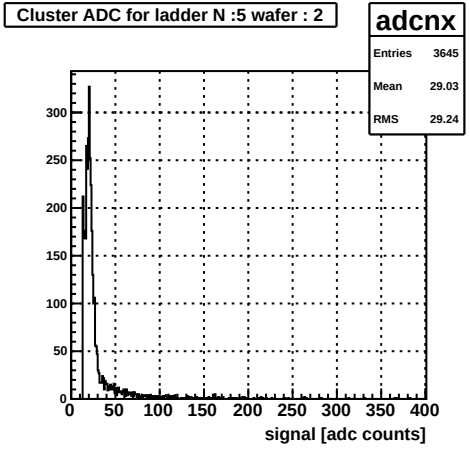

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1376
Mean 31.18
RMS 35.58
signal [adc counts]

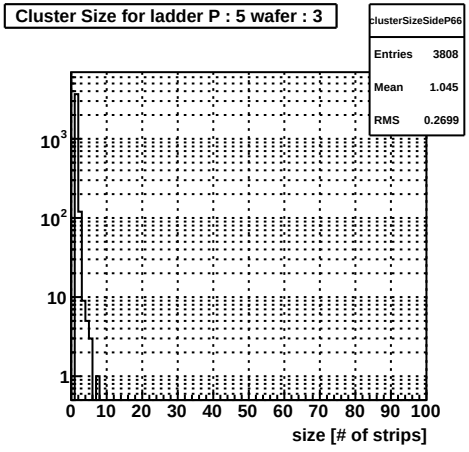

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1803
Mean 1.095
RMS 0.3426
size [# of strips]

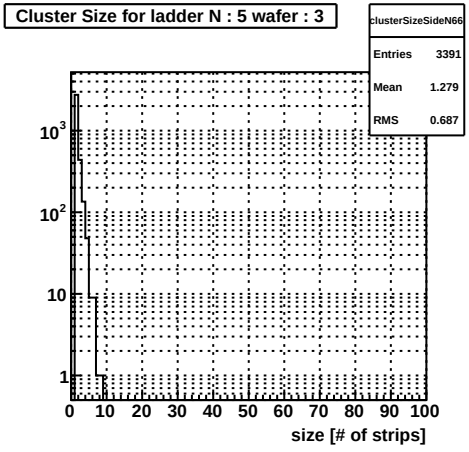

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3645
Mean 1.148
RMS 0.5047
size [# of strips]

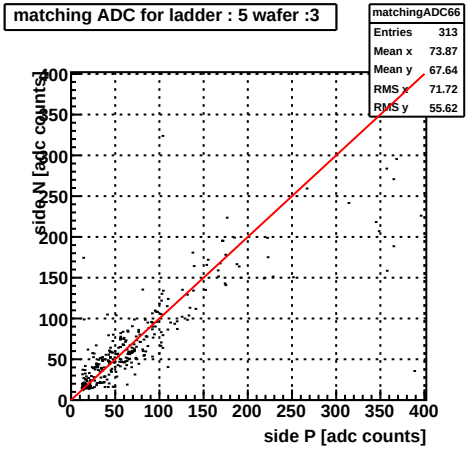

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 192
Mean x 66.37
Mean y 66.82
RMS x 58.74
RMS y 56.64
side N [adc counts]
side P [adc counts]

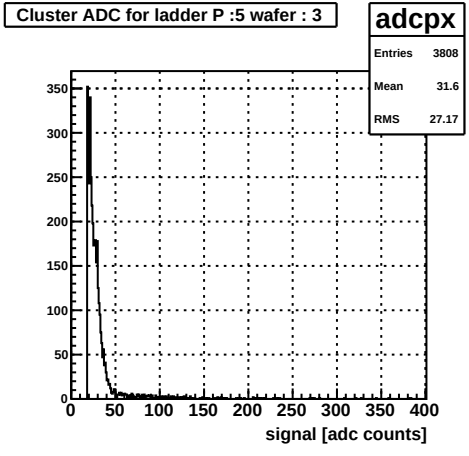

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1803
Mean 34.91
RMS 32.62
signal [adc counts]

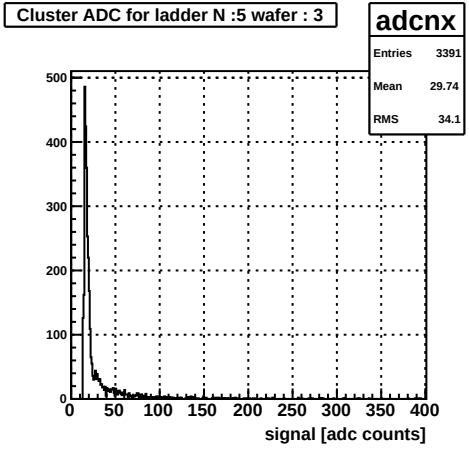

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3645
Mean 29.03
RMS 29.24
signal [adc counts]

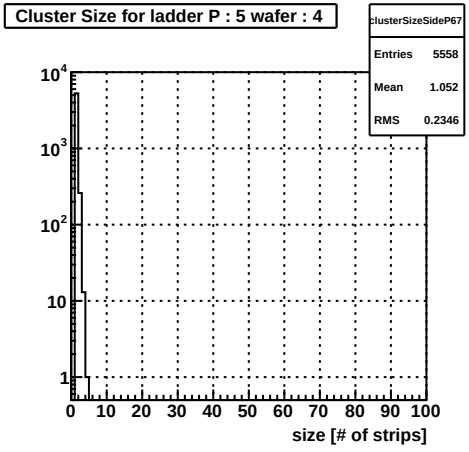

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3808
Mean 1.045
RMS 0.2699
size [# of strips]

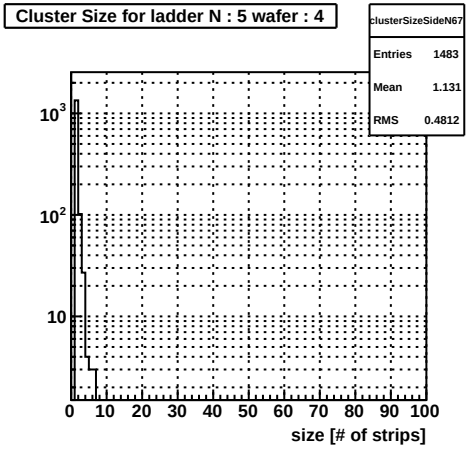

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3391
Mean 1.279
RMS 0.687
size [# of strips]

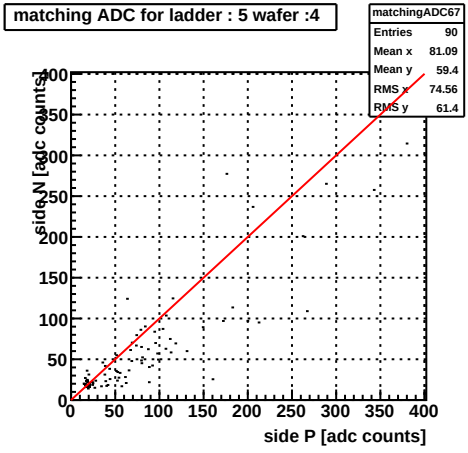

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 313
Mean x 73.87
Mean y 67.64
RMS x 71.72
RMS y 55.62
side N [adc counts]
side P [adc counts]

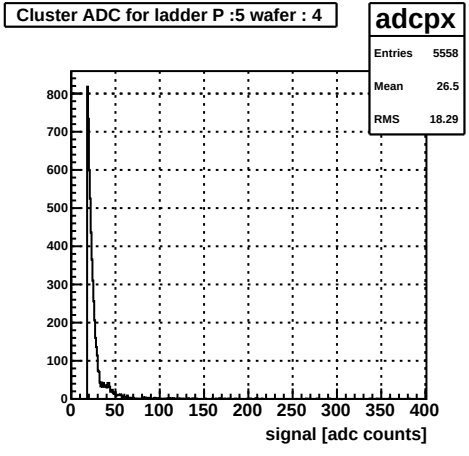

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3808
Mean 31.6
RMS 27.17
signal [adc counts]

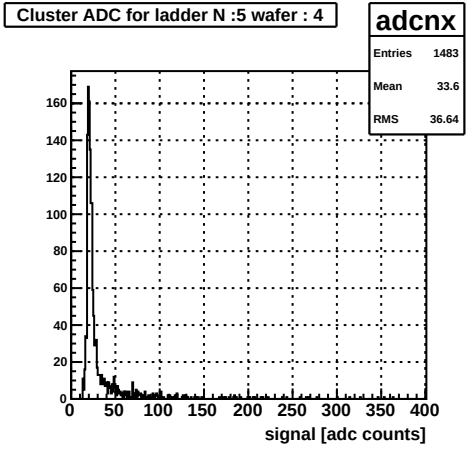

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3391
Mean 29.74
RMS 34.1
signal [adc counts]

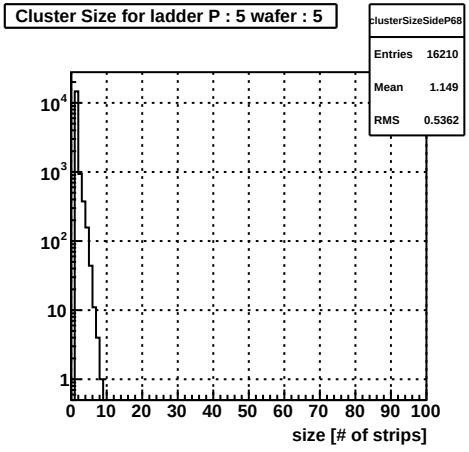

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 5558
Mean 1.052
RMS 0.2346
size [# of strips]

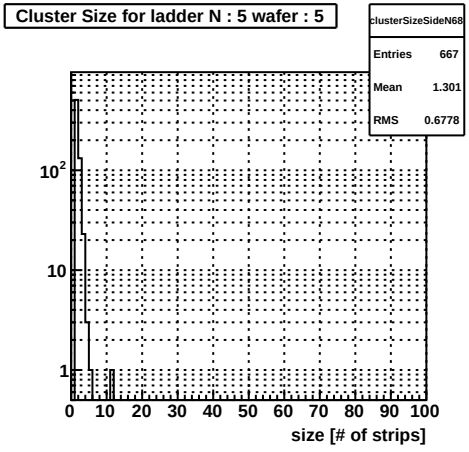

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1483
Mean 1.131
RMS 0.4812
size [# of strips]

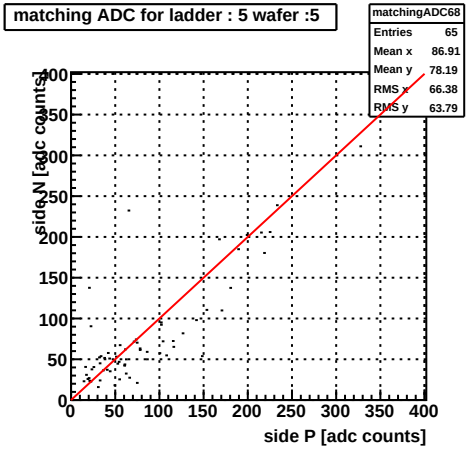

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 90
Mean x 81.09
Mean y 59.4
RMS x 74.56
RMS y 61.4
side N [adc counts]
side P [adc counts]

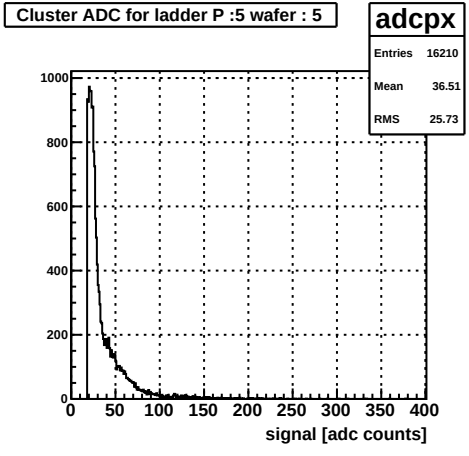

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 5558
Mean 26.5
RMS 18.29
signal [adc counts]

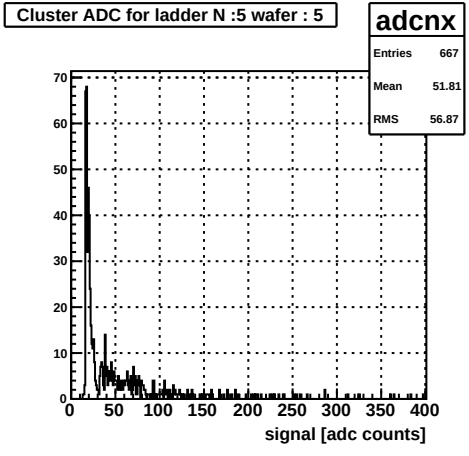

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1483
Mean 33.6
RMS 36.64
signal [adc counts]

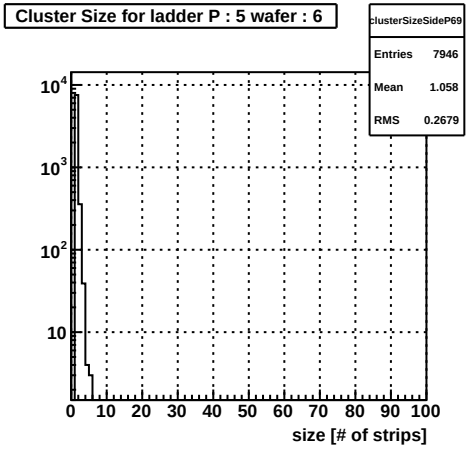

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 16210
Mean 1.149
RMS 0.5362
size [# of strips]

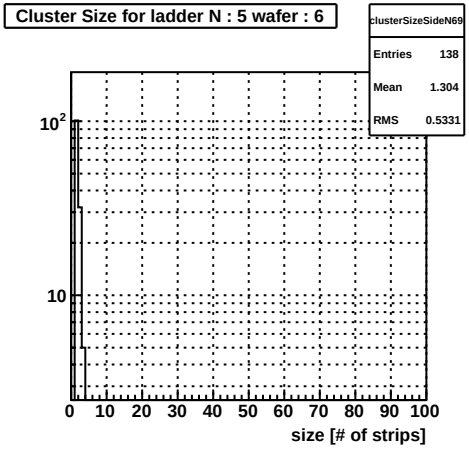

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 667
Mean 1.301
RMS 0.6778
size [# of strips]

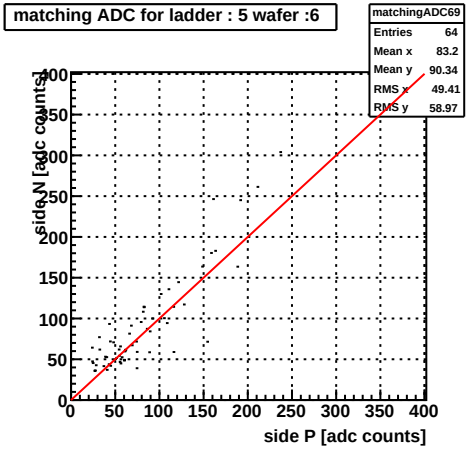

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 65
Mean x 86.91
Mean y 78.19
RMS x 66.38
RMS y 63.79
side N [adc counts]
side P [adc counts]

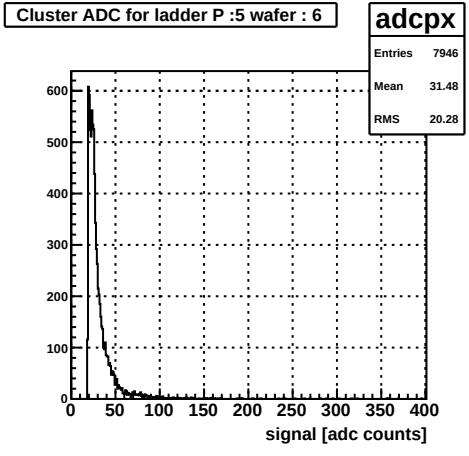

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 16210
Mean 36.51
RMS 25.73
signal [adc counts]

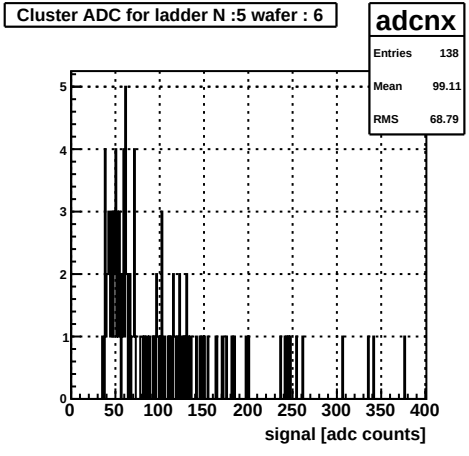

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 667
Mean 51.81
RMS 56.87
signal [adc counts]

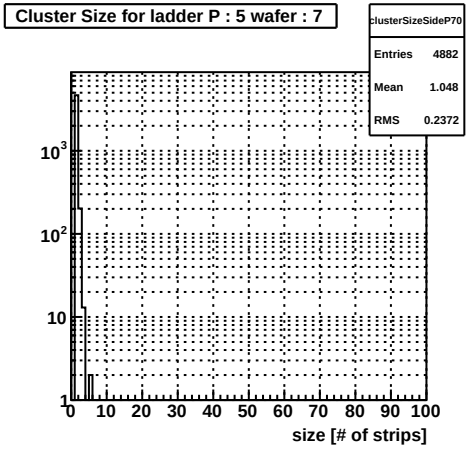

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 7946
Mean 1.058
RMS 0.2679
size [# of strips]

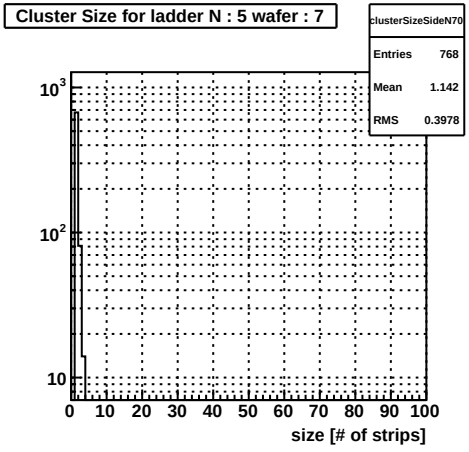

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 138
Mean 1.304
RMS 0.5331
size [# of strips]

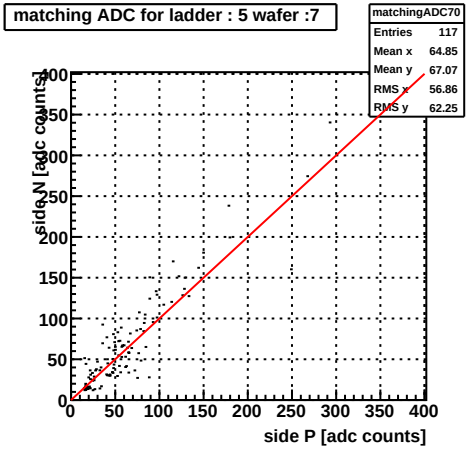

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 64
Mean x 83.2
Mean y 90.34
RMS x 49.41
RMS y 58.97
side N [adc counts]
side P [adc counts]

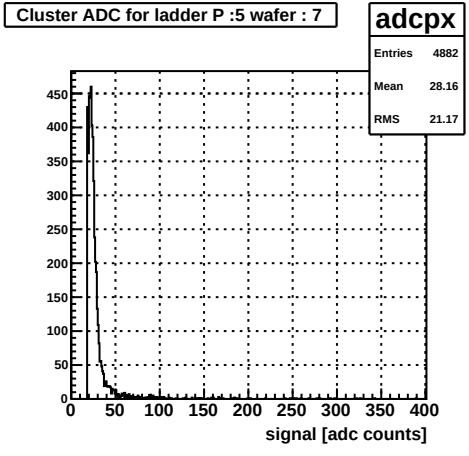

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 7946
Mean 31.48
RMS 20.28
signal [adc counts]

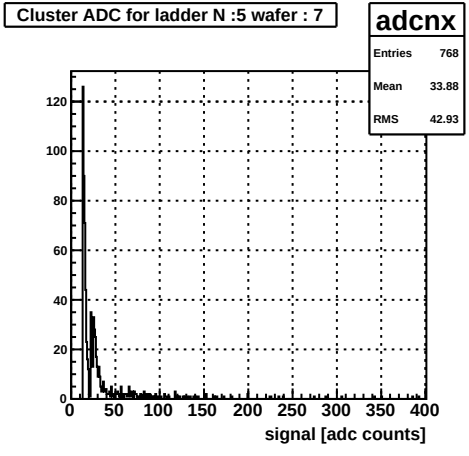

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 138
Mean 99.11
RMS 68.79
signal [adc counts]

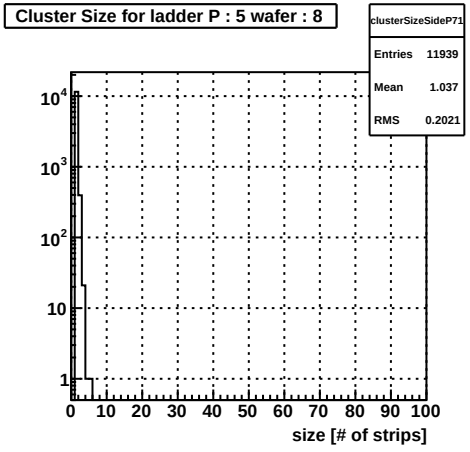

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 4882
Mean 1.048
RMS 0.2372
size [# of strips]

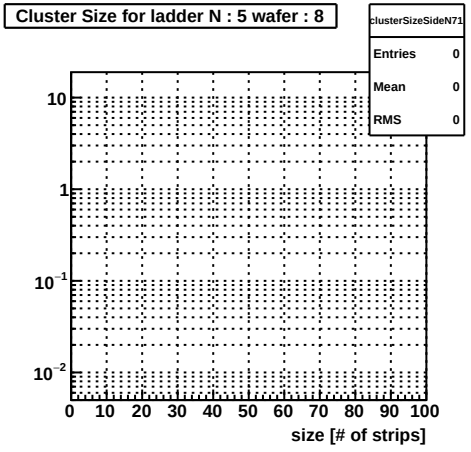

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 768
Mean 1.142
RMS 0.3978
size [# of strips]

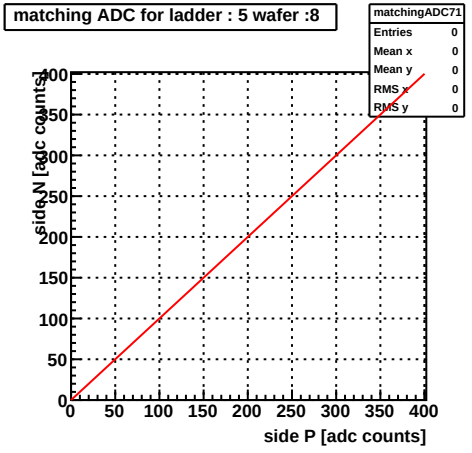

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 117
Mean x 64.85
Mean y 67.07
RMS x 56.86
RMS y 62.25
side N [adc counts]
side P [adc counts]

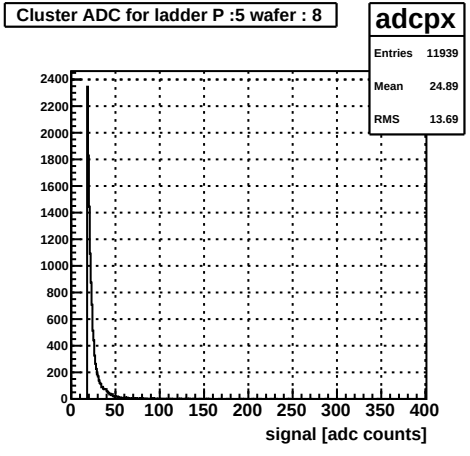

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 4882
Mean 28.16
RMS 21.17
signal [adc counts]

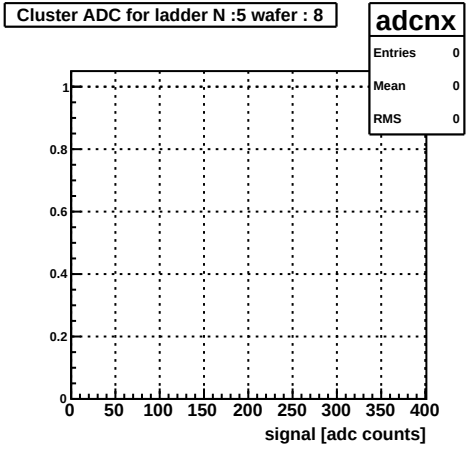

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 768
Mean 33.88
RMS 42.93
signal [adc counts]

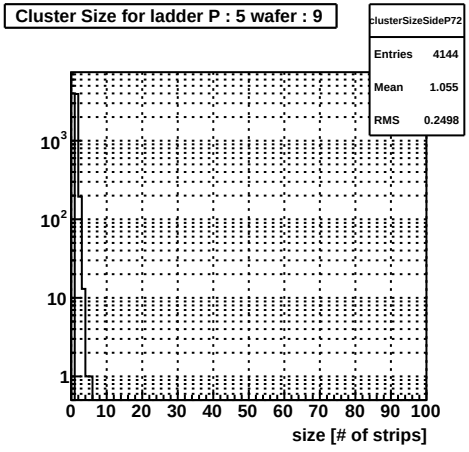

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 11939
Mean 1.037
RMS 0.2021
size [# of strips]

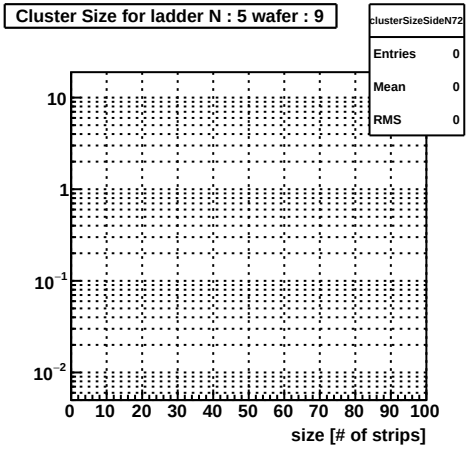

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

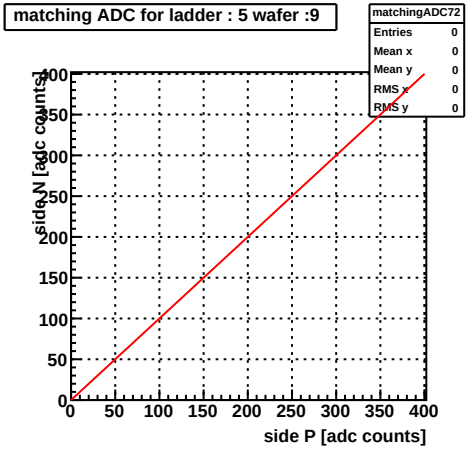

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

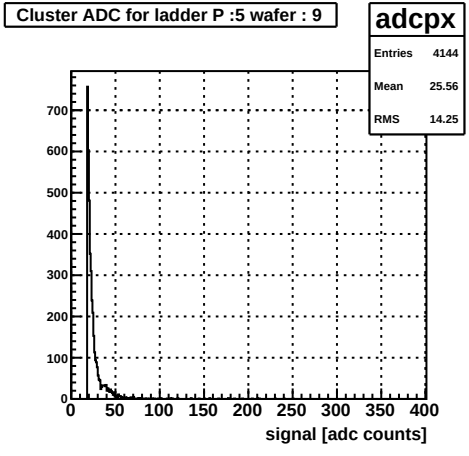

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 11939
Mean 24.89
RMS 13.69
signal [adc counts]

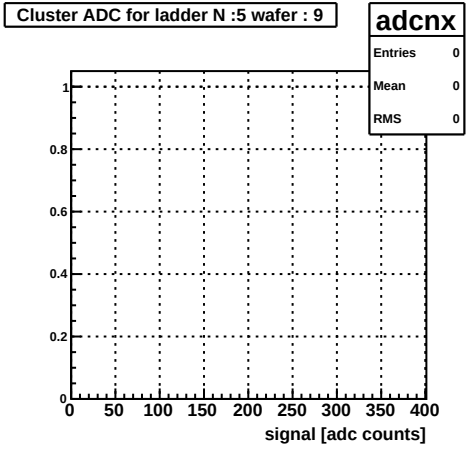

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

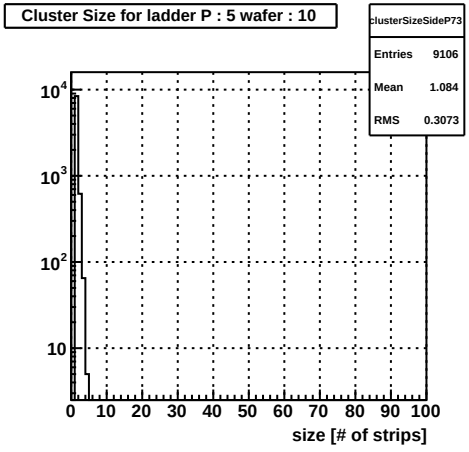

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4144
Mean 1.055
RMS 0.2498
size [# of strips]

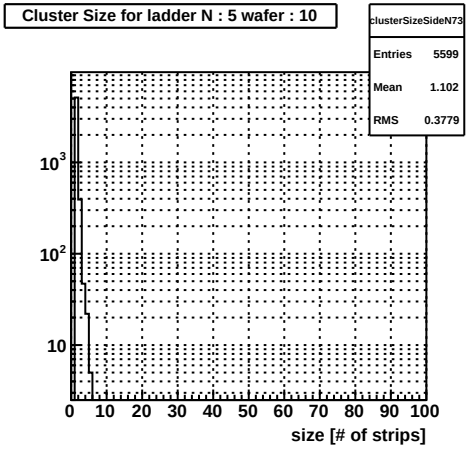

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

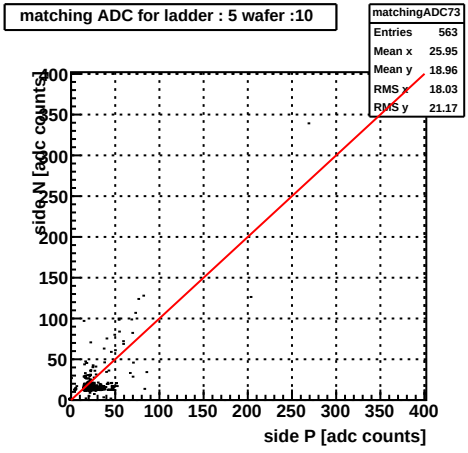

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

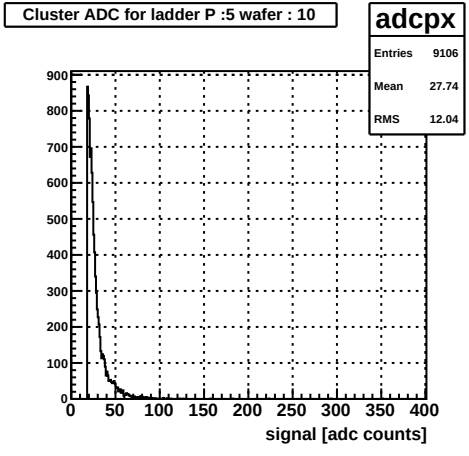

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4144
Mean 25.56
RMS 14.25
signal [adc counts]

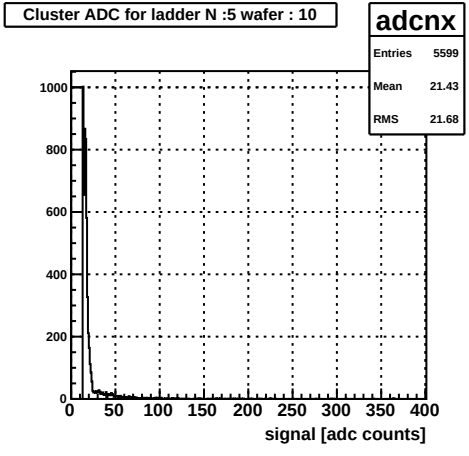

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

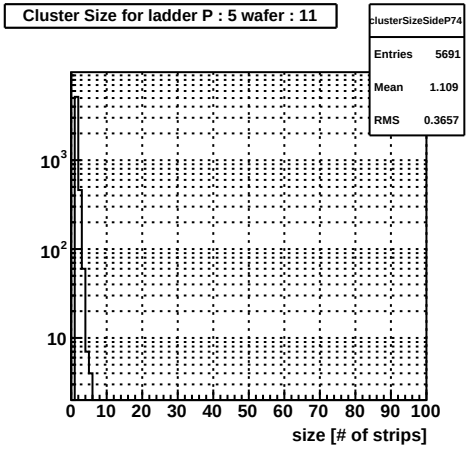

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9106
Mean 1.084
RMS 0.3073
size [# of strips]

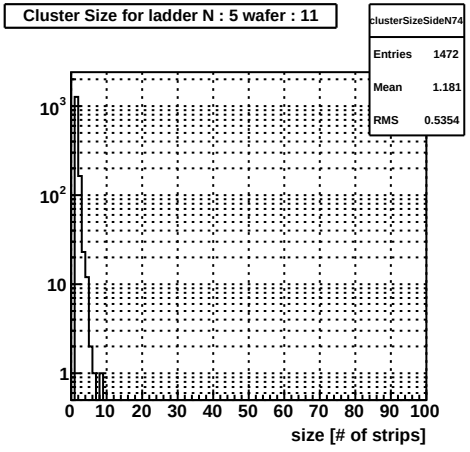

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5599
Mean 1.102
RMS 0.3779
size [# of strips]

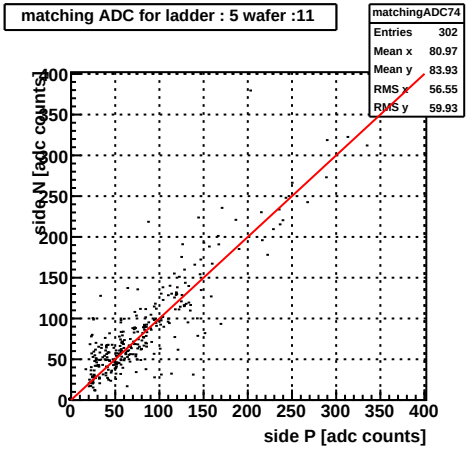

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 563
Mean x 25.95
Mean y 18.96
RMS x 18.03
RMS y 21.17
side N [adc counts]
side P [adc counts]

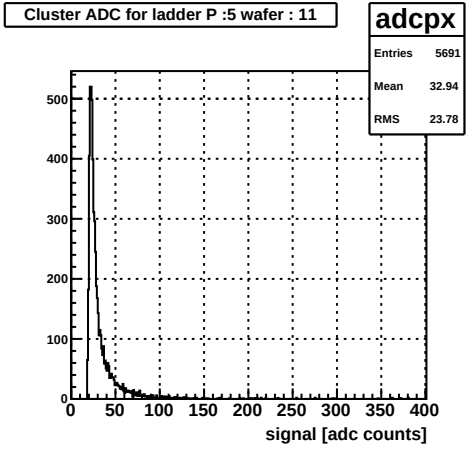

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9106
Mean 27.74
RMS 12.04
signal [adc counts]

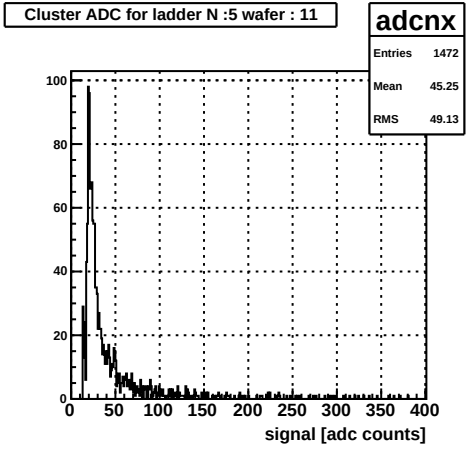

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5599
Mean 21.43
RMS 21.68
signal [adc counts]

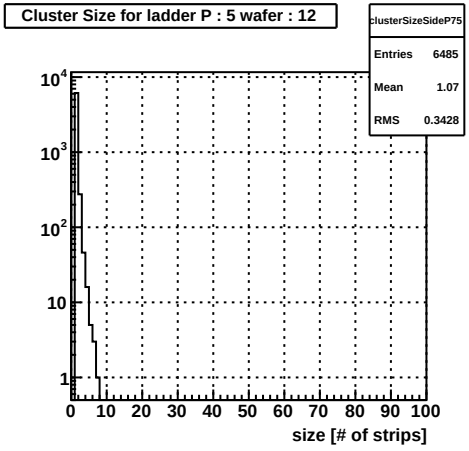

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5691
Mean 1.109
RMS 0.3657
size [# of strips]

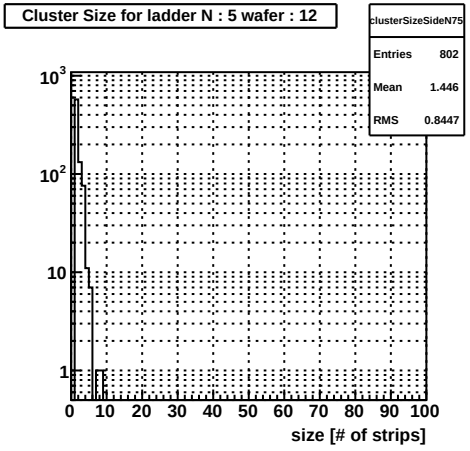

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1472
Mean 1.181
RMS 0.5354
size [# of strips]

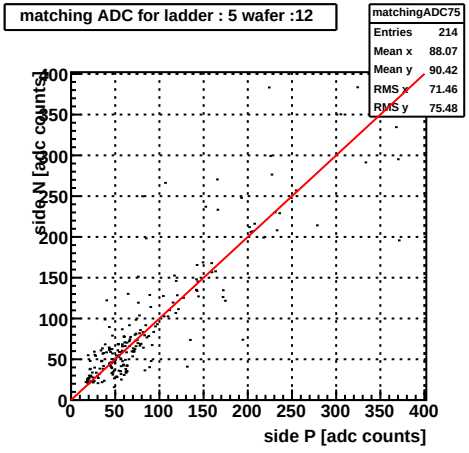

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 302
Mean x 80.97
Mean y 83.93
RMS x 56.55
RMS y 59.93
side N [adc counts]
side P [adc counts]

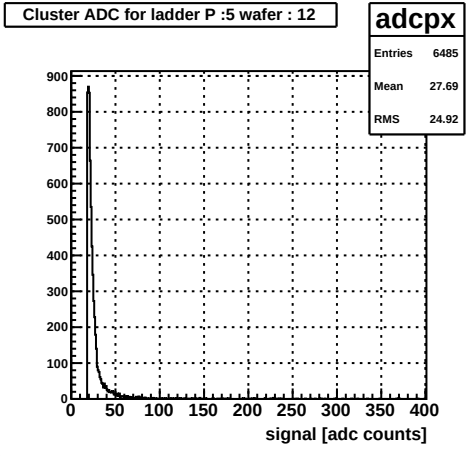

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5691
Mean 32.94
RMS 23.78
signal [adc counts]

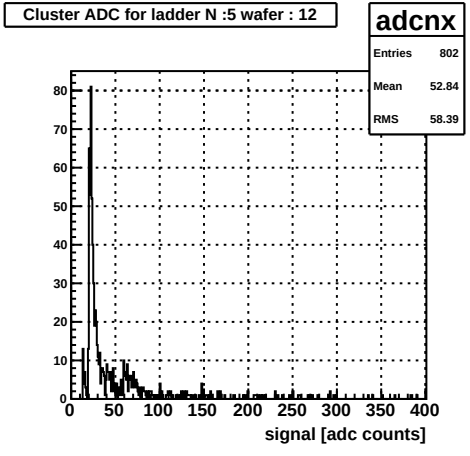

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1472
Mean 45.25
RMS 49.13
signal [adc counts]

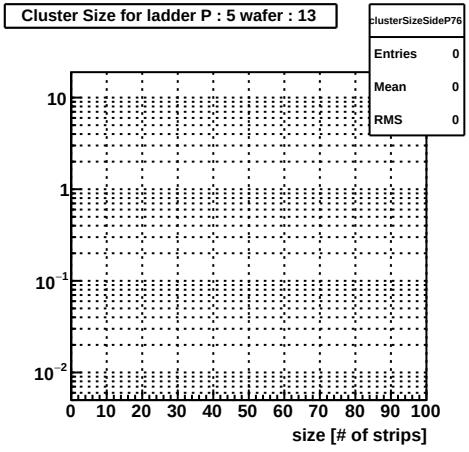

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6485
Mean 1.07
RMS 0.3428
size [# of strips]

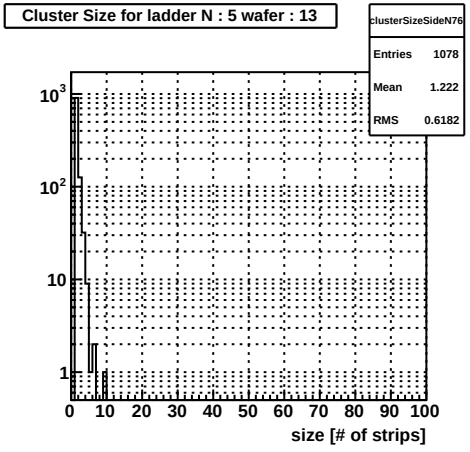

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 802
Mean 1.446
RMS 0.8447
size [# of strips]

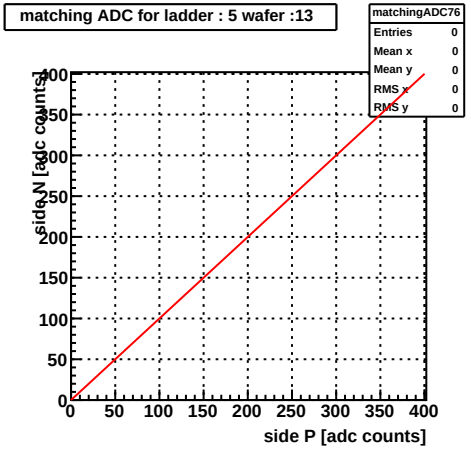

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 214
Mean x 88.07
Mean y 90.42
RMS x 71.46
RMS y 75.48
side N [adc counts]
side P [adc counts]

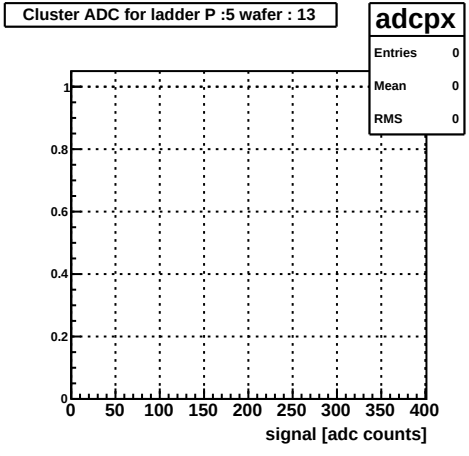

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6485
Mean 27.69
RMS 24.92
signal [adc counts]

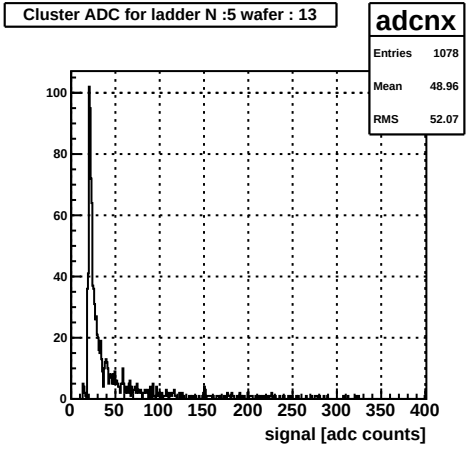

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 802
Mean 52.84
RMS 58.39
signal [adc counts]

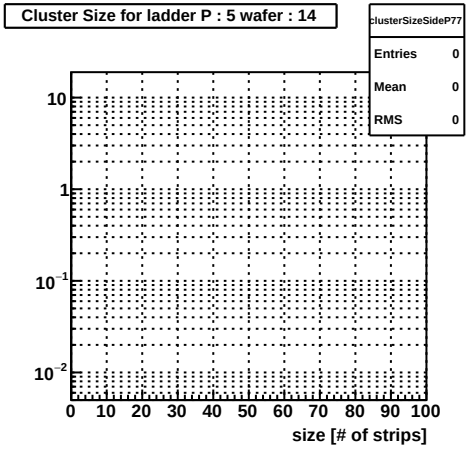

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

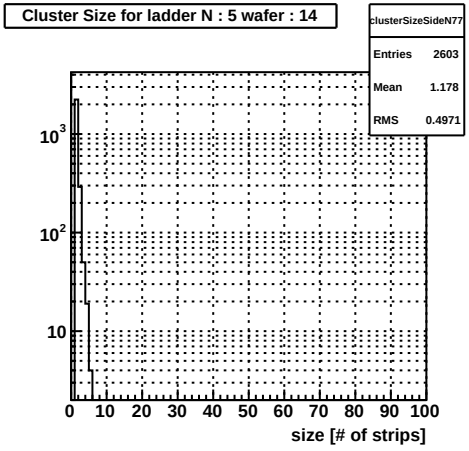

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1078
Mean 1.222
RMS 0.6182
size [# of strips]

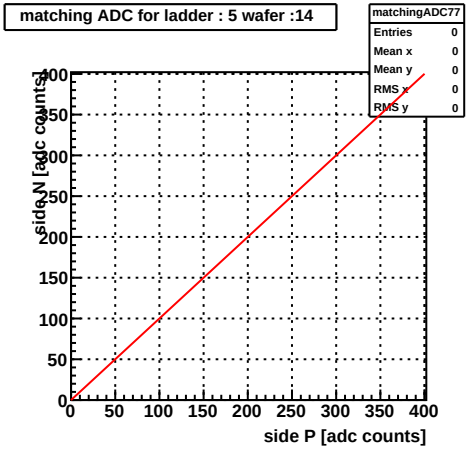

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

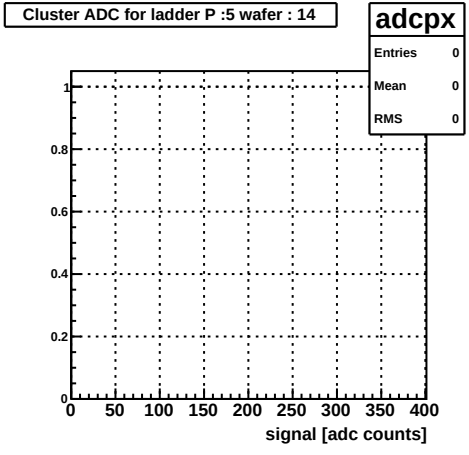

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

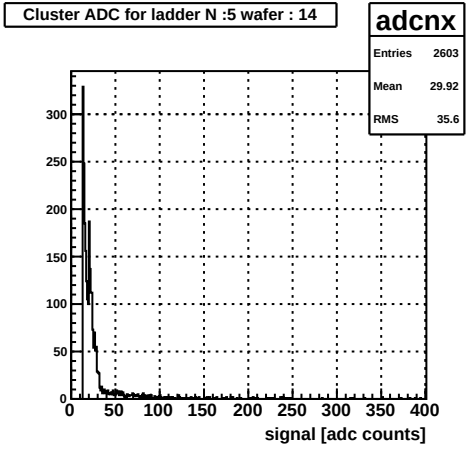

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1078
Mean 48.96
RMS 52.07
signal [adc counts]

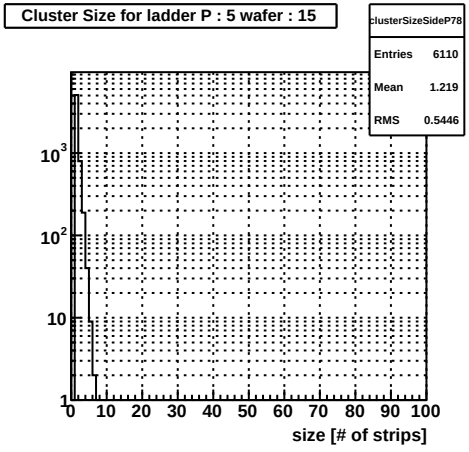

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

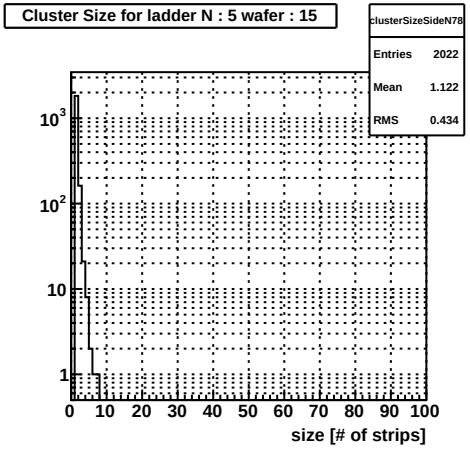

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2603
Mean 1.178
RMS 0.4971
size [# of strips]

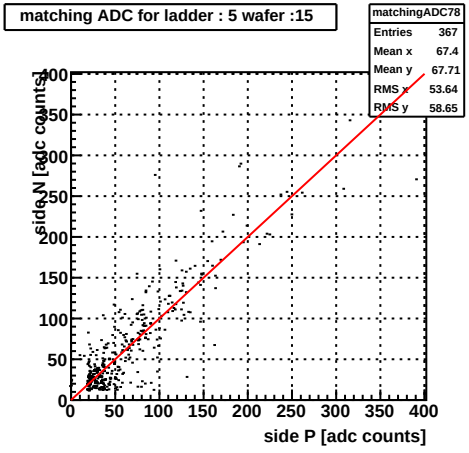

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

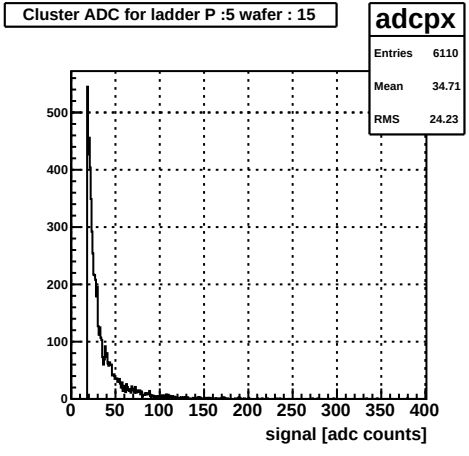

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

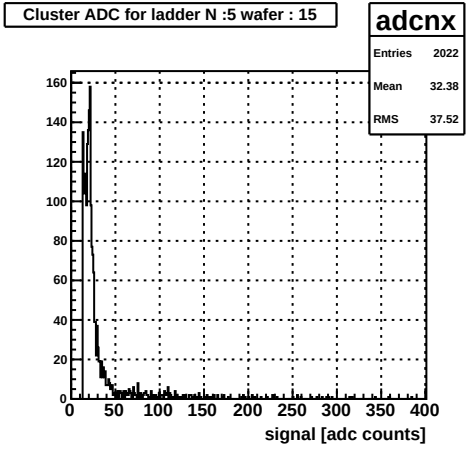

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2603
Mean 29.92
RMS 35.6
signal [adc counts]

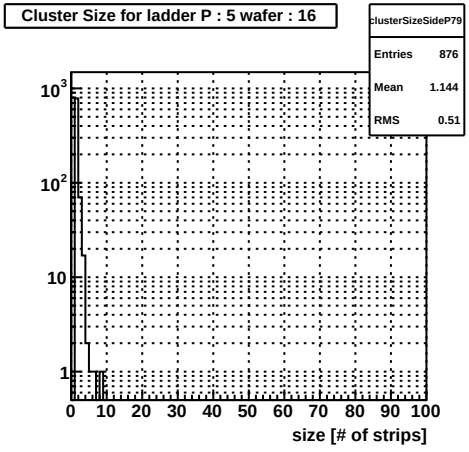

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6110
Mean 1.219
RMS 0.5446
size [# of strips]

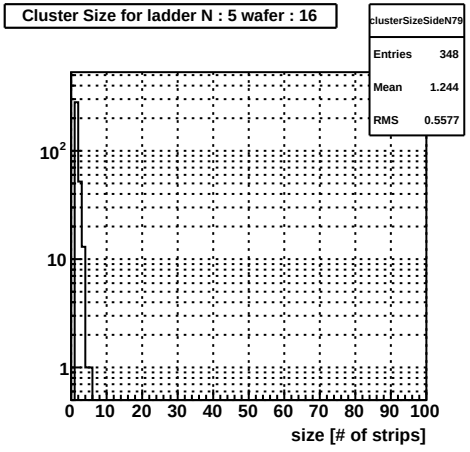

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2022
Mean 1.122
RMS 0.434
size [# of strips]

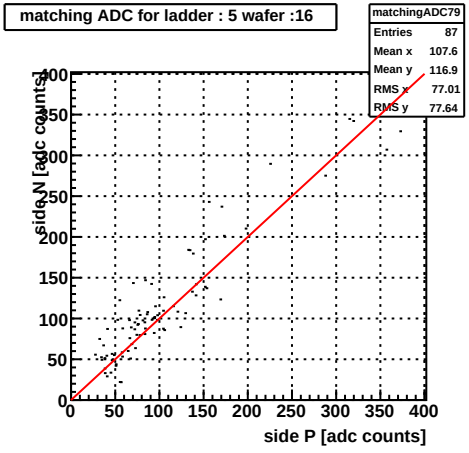

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 367
Mean x 67.4
Mean y 67.71
RMS x 53.64
RMS y 58.65
side N [adc counts]
side P [adc counts]

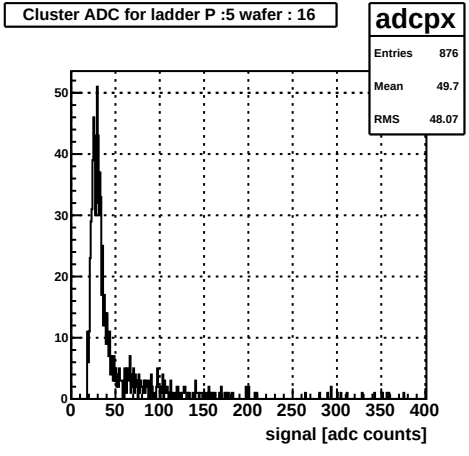

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6110
Mean 34.71
RMS 24.23
signal [adc counts]

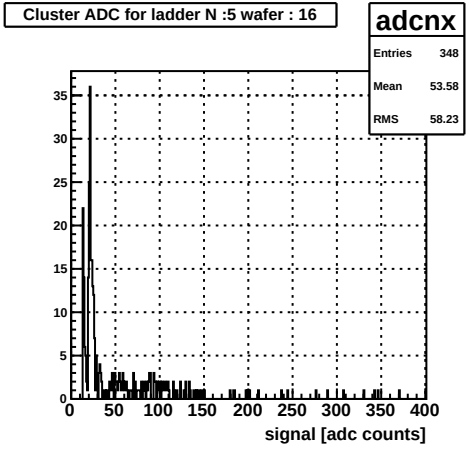

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2022
Mean 32.38
RMS 37.52
signal [adc counts]

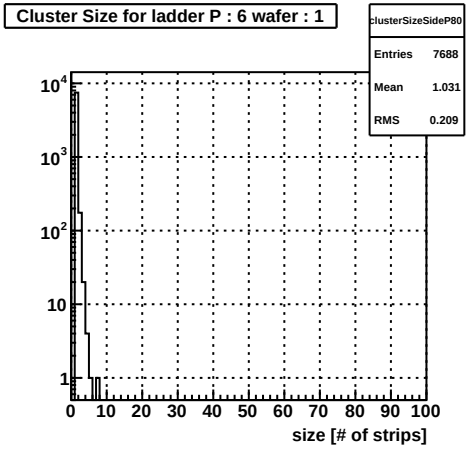

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 876
Mean 1.144
RMS 0.51
size [# of strips]

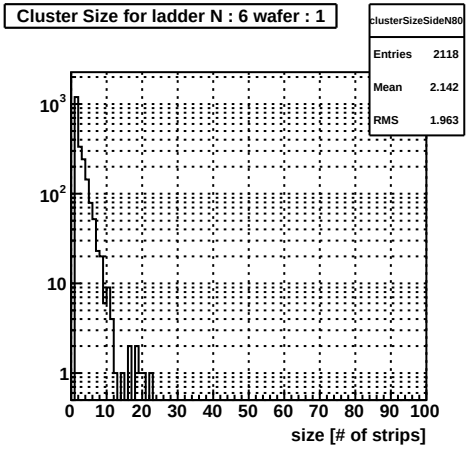

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 348
Mean 1.244
RMS 0.5577
size [# of strips]

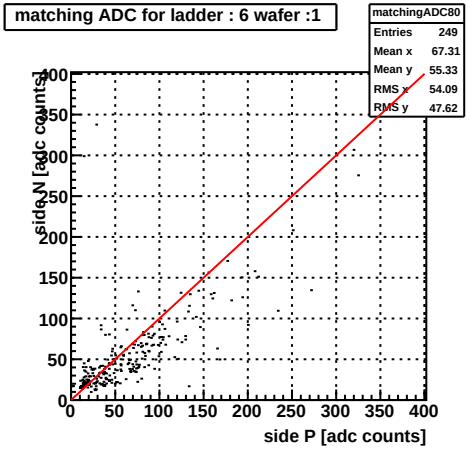

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 87
Mean x 107.6
Mean y 116.9
RMS x 77.01
RMS y 77.64
side N [adc counts]
side P [adc counts]

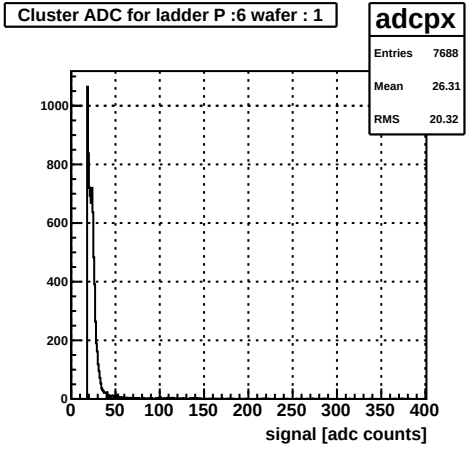

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 876
Mean 49.7
RMS 48.07
signal [adc counts]

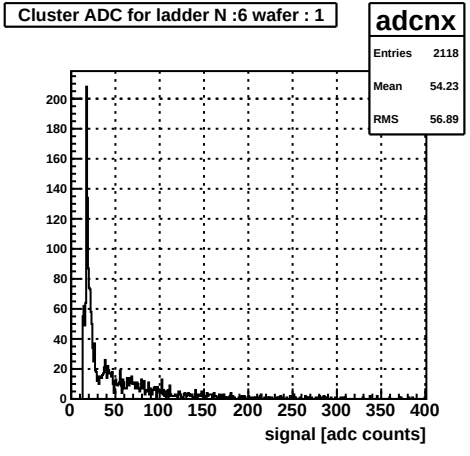

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 348
Mean 53.58
RMS 58.23
signal [adc counts]

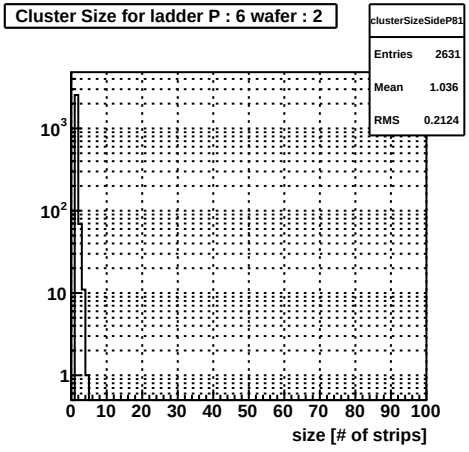

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7688
Mean 1.031
RMS 0.209
size [# of strips]

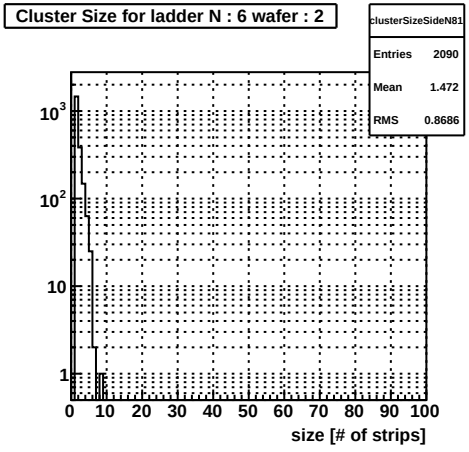

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2118
Mean 2.142
RMS 1.963
size [# of strips]

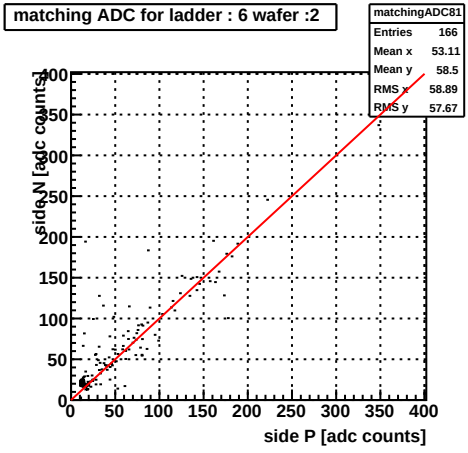

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 249
Mean x 67.31
Mean y 55.33
RMS x 54.09
RMS y 47.62
side N [adc counts]
side P [adc counts]

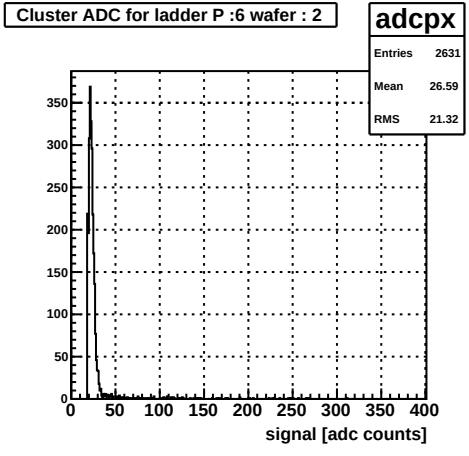

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7688
Mean 26.31
RMS 20.32
signal [adc counts]

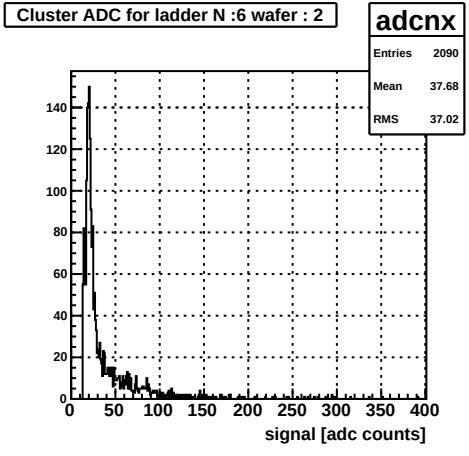

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2118
Mean 54.23
RMS 56.89
signal [adc counts]

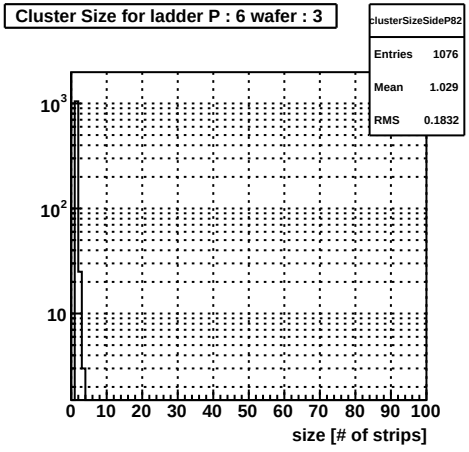

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2631
Mean 1.036
RMS 0.2124
size [# of strips]

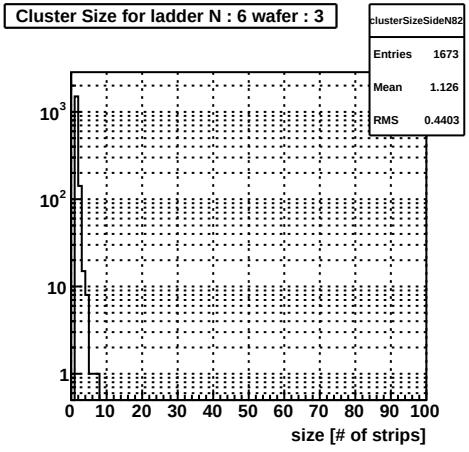

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2090
Mean 1.472
RMS 0.8686
size [# of strips]

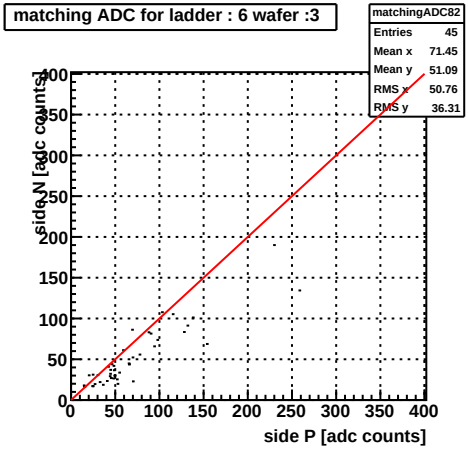

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 166
Mean x 53.11
Mean y 58.5
RMS x 58.89
RMS y 57.67
side N [adc counts]
side P [adc counts]

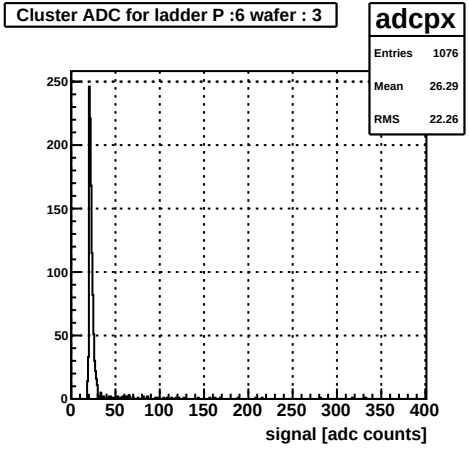

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2631
Mean 26.59
RMS 21.32
signal [adc counts]

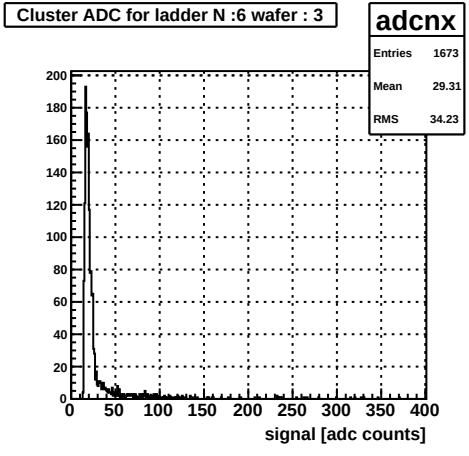

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2090
Mean 37.68
RMS 37.02
signal [adc counts]

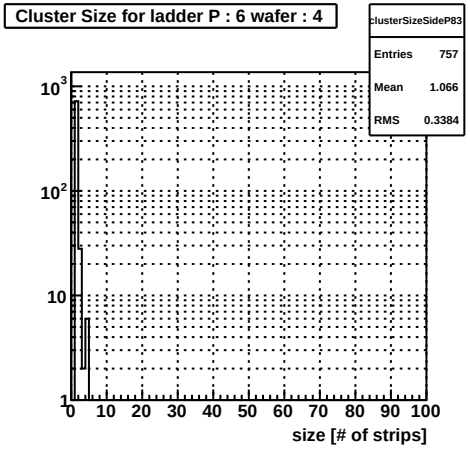

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1076
Mean 1.029
RMS 0.1832
size [# of strips]

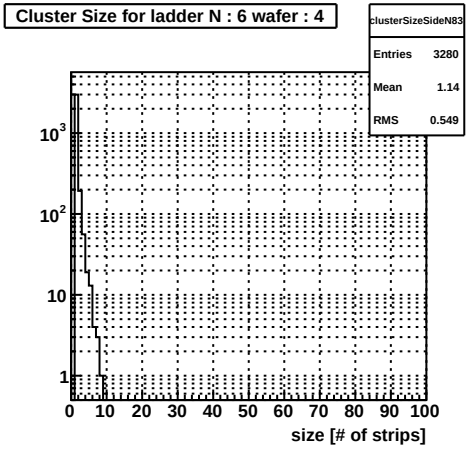

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1673
Mean 1.126
RMS 0.4403
size [# of strips]

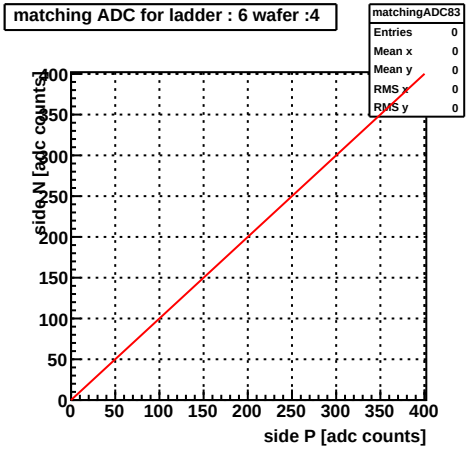

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 45
Mean x 71.45
Mean y 51.09
RMS x 50.76
RMS y 36.31
side N [adc counts]
side P [adc counts]

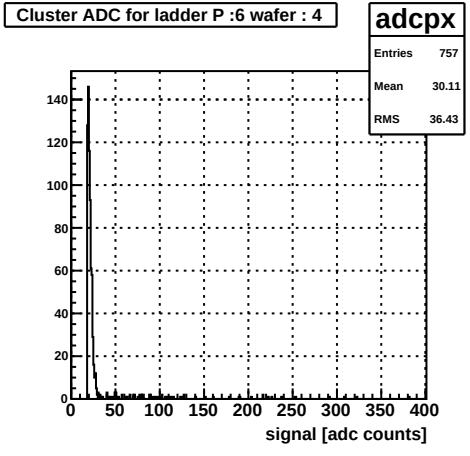

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1076
Mean 26.29
RMS 22.26
signal [adc counts]

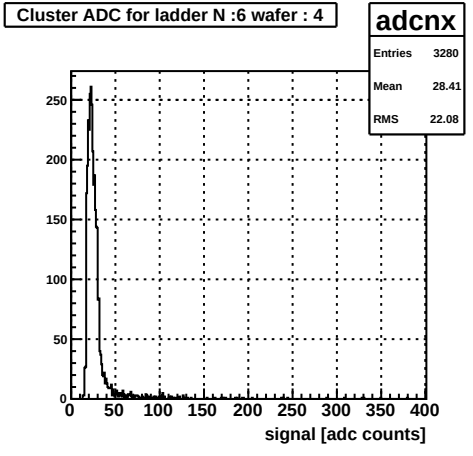

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1673
Mean 29.31
RMS 34.23
signal [adc counts]

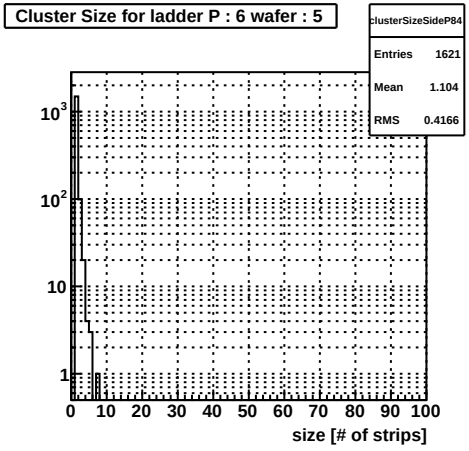

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 757
Mean 1.066
RMS 0.3384
size [# of strips]

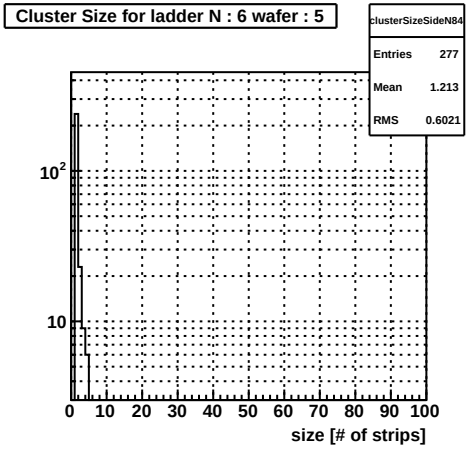

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3280
Mean 1.14
RMS 0.549
size [# of strips]

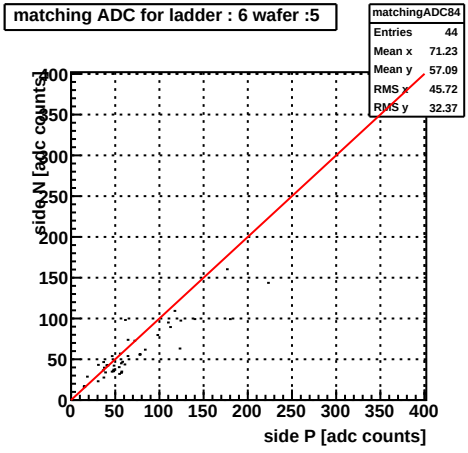

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

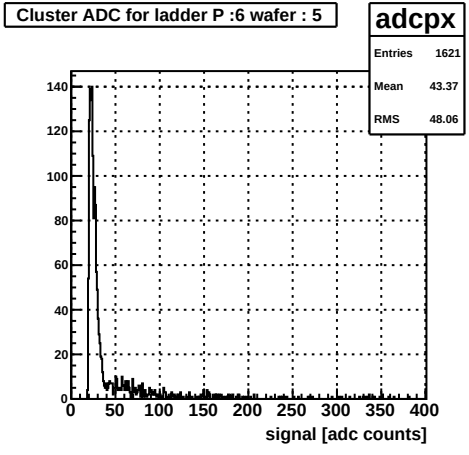

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 757
Mean 30.11
RMS 36.43
signal [adc counts]

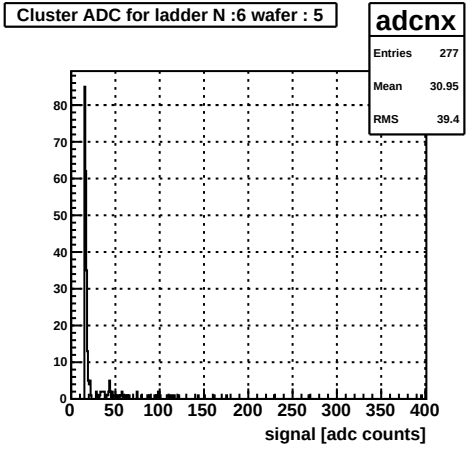

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3280
Mean 28.41
RMS 22.08
signal [adc counts]

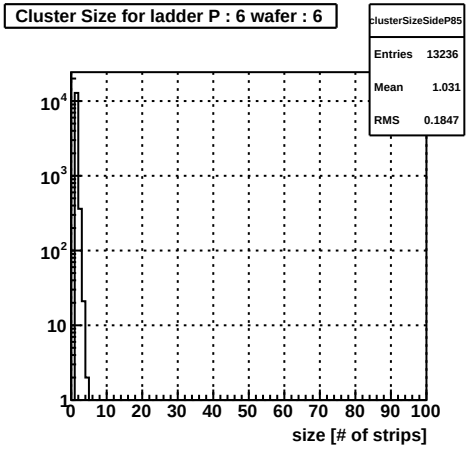

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1621
Mean 1.104
RMS 0.4166
size [# of strips]

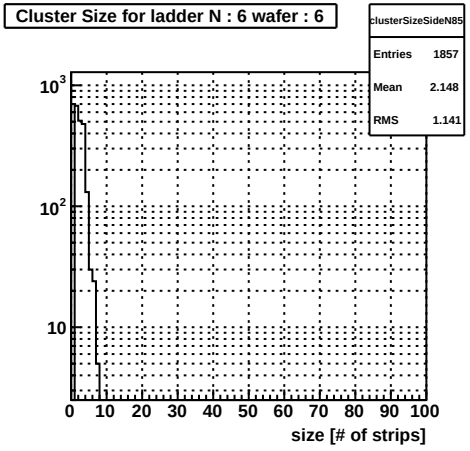

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 277
Mean 1.213
RMS 0.6021
size [# of strips]

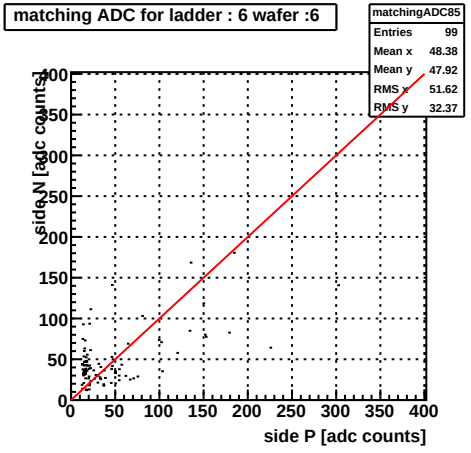

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 44
Mean x 71.23
Mean y 57.09
RMS x 45.72
RMS y 32.37
side N [adc counts]
side P [adc counts]

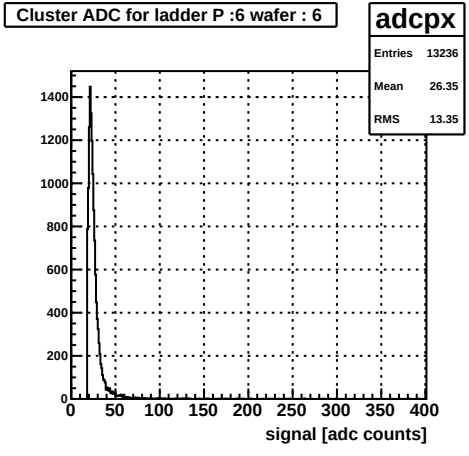

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1621
Mean 43.37
RMS 48.06
signal [adc counts]

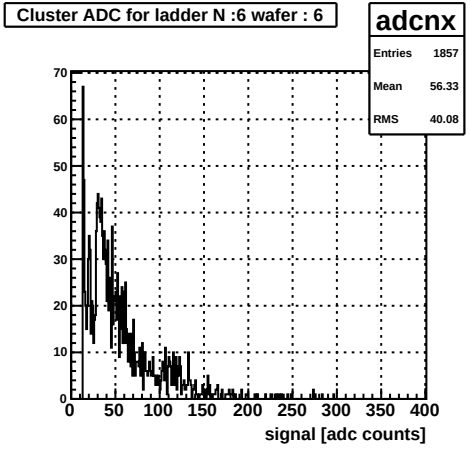

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 277
Mean 30.95
RMS 39.4
signal [adc counts]

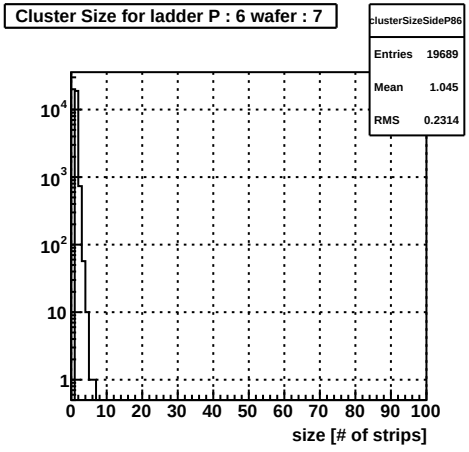

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13236
Mean 1.031
RMS 0.1847
size [# of strips]

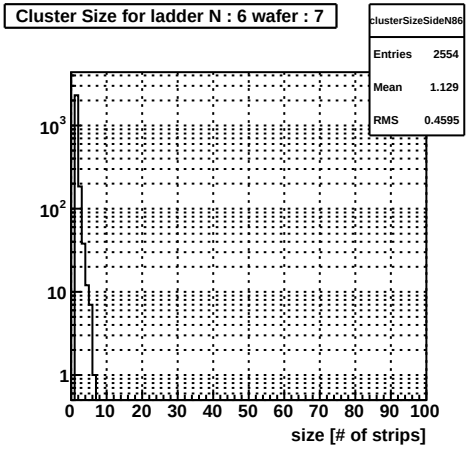

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1857
Mean 2.148
RMS 1.141
size [# of strips]

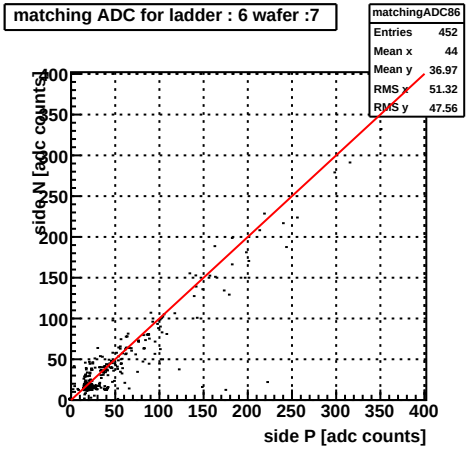

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 99
Mean x 48.38
Mean y 47.92
RMS x 51.62
RMS y 32.37
side N [adc counts]
side P [adc counts]

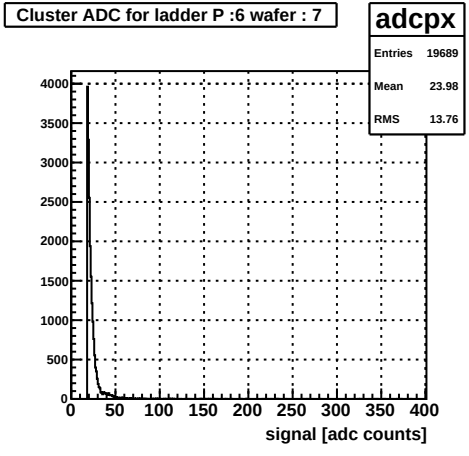

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13236
Mean 26.35
RMS 13.35
signal [adc counts]

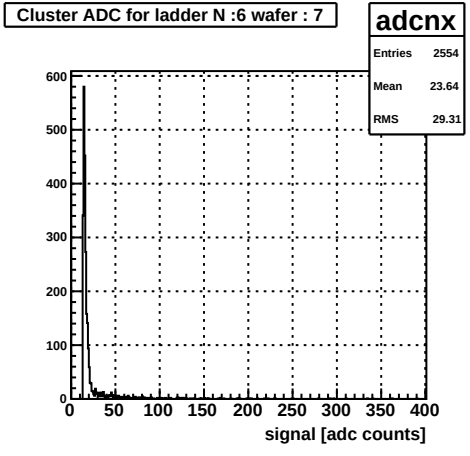

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1857
Mean 56.33
RMS 40.08
signal [adc counts]

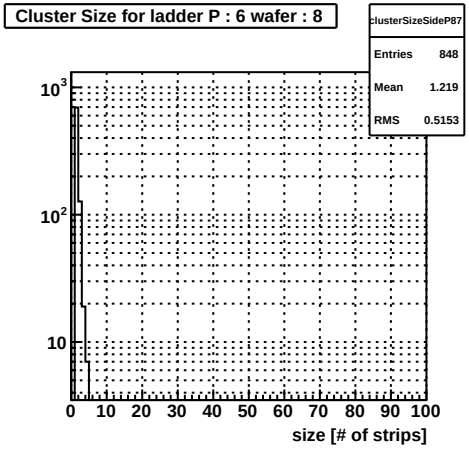

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 19689
Mean 1.045
RMS 0.2314
size [# of strips]

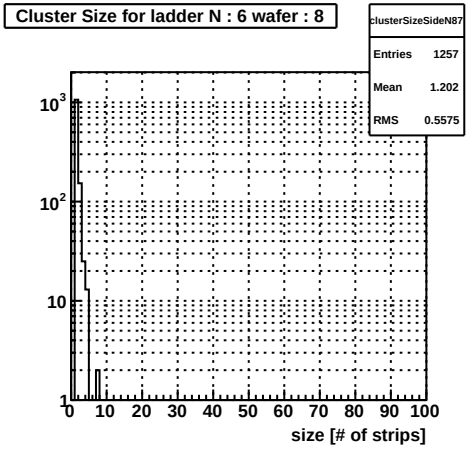

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2554
Mean 1.129
RMS 0.4595
size [# of strips]

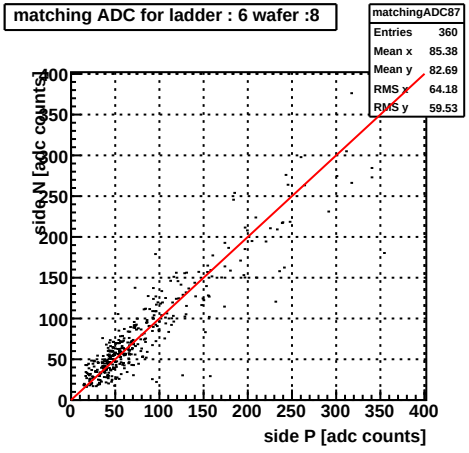

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 452
Mean x 44
Mean y 36.97
RMS x 51.32
RMS y 47.56
side N [adc counts]
side P [adc counts]

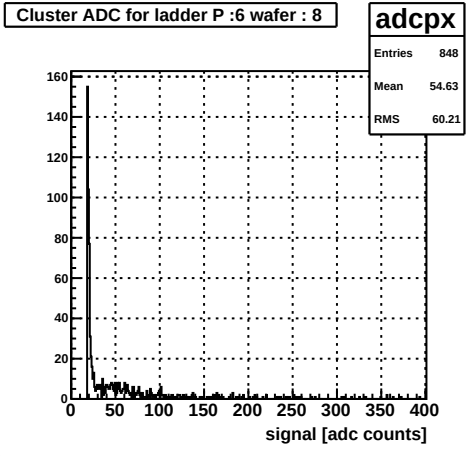

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 19689
Mean 23.98
RMS 13.76
signal [adc counts]

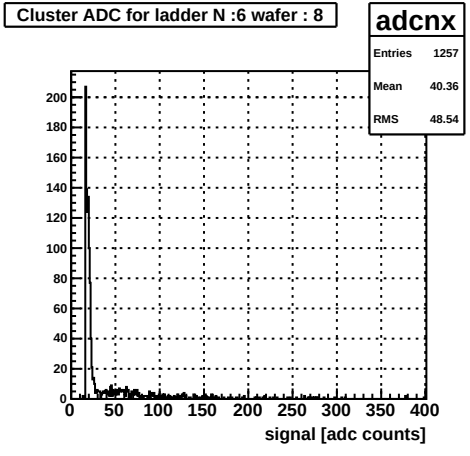

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2554
Mean 23.64
RMS 29.31
signal [adc counts]

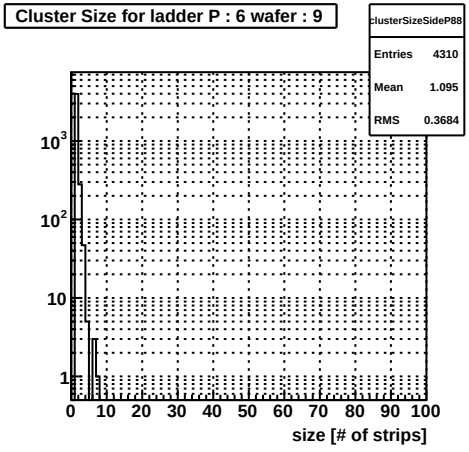

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 848
Mean 1.219
RMS 0.5153
size [# of strips]

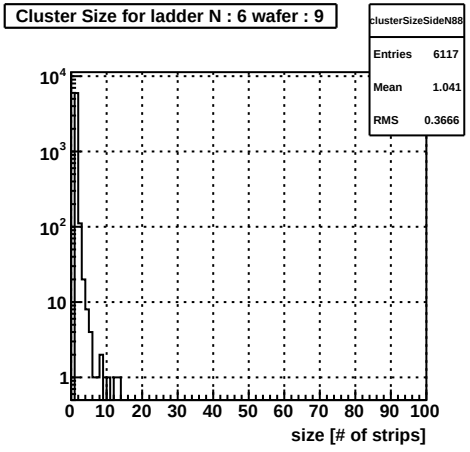

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1257
Mean 1.202
RMS 0.5575
size [# of strips]

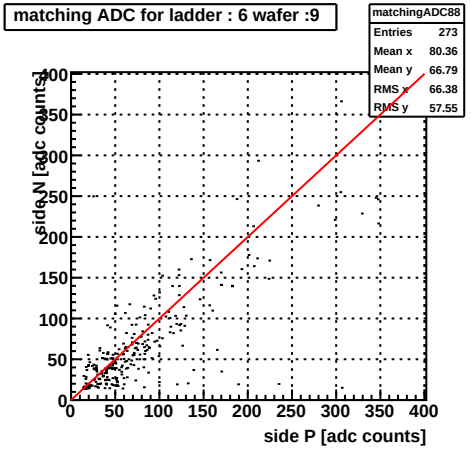

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 360
Mean x 85.38
Mean y 82.69
RMS x 64.18
RMS y 59.53
side N [adc counts]
side P [adc counts]

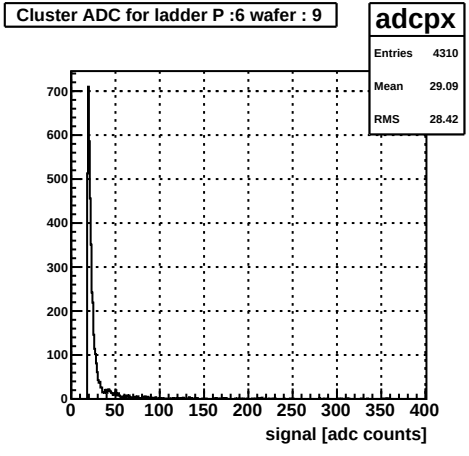

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 848
Mean 54.63
RMS 60.21
signal [adc counts]

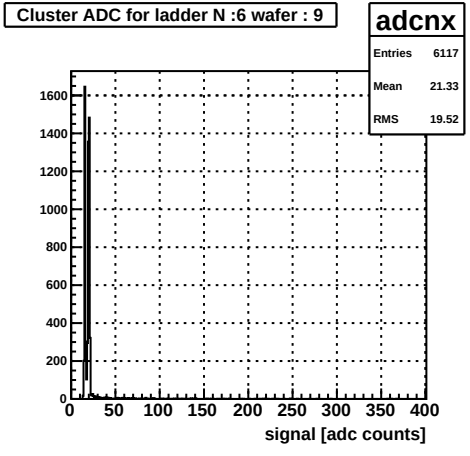

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1257
Mean 40.36
RMS 48.54
signal [adc counts]

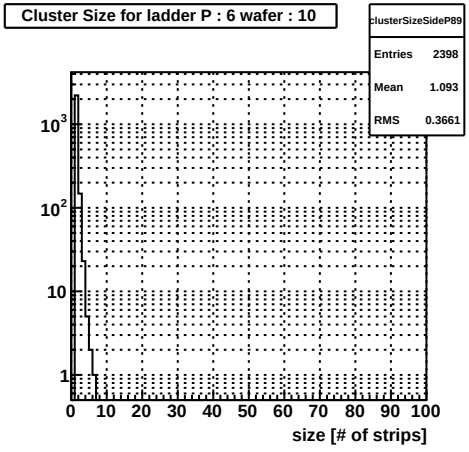

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4310
Mean 1.095
RMS 0.3684
size [# of strips]

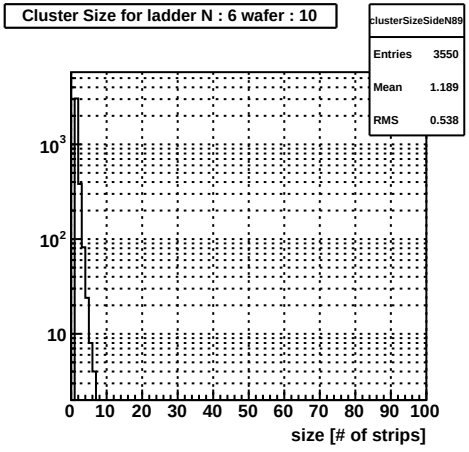

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 6117
Mean 1.041
RMS 0.3666
size [# of strips]

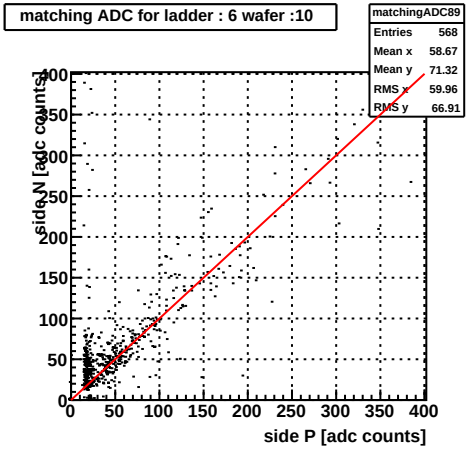

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 273
Mean x 80.36
Mean y 66.79
RMS x 66.38
RMS y 57.55
side N [adc counts]
side P [adc counts]

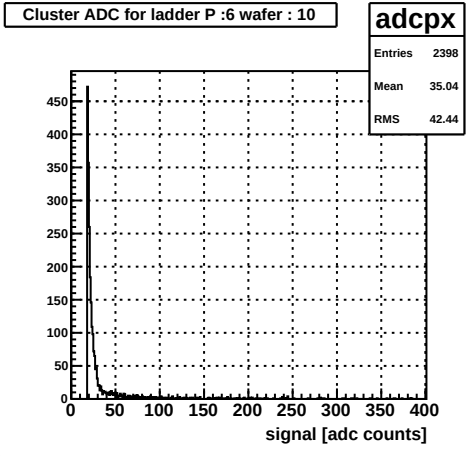

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4310
Mean 29.09
RMS 28.42
signal [adc counts]

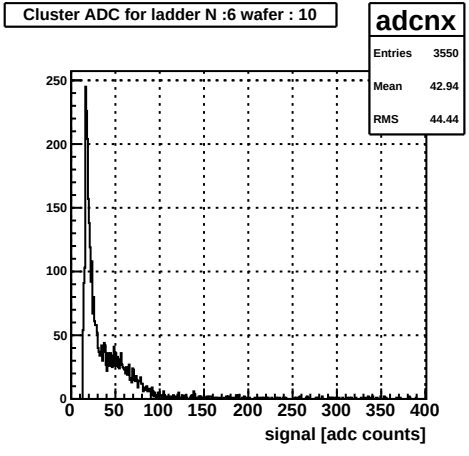

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 6117
Mean 21.33
RMS 19.52
signal [adc counts]

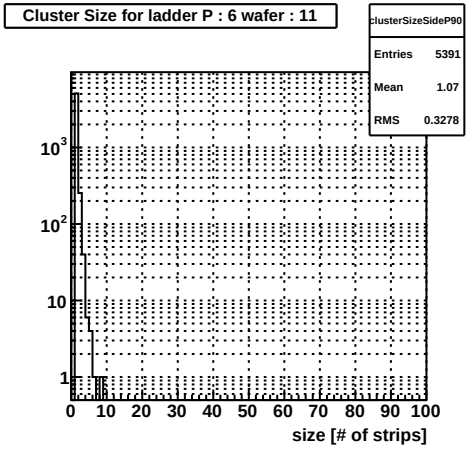

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2398
Mean 1.093
RMS 0.3661
size [# of strips]

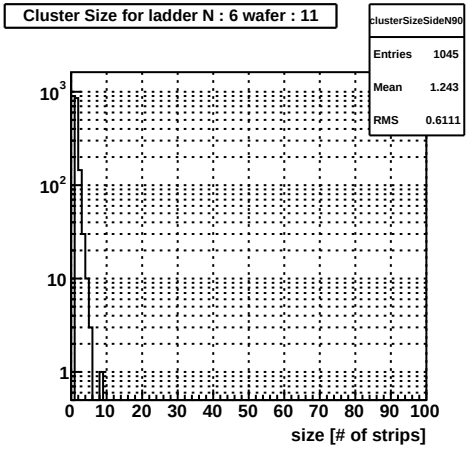

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3550
Mean 1.189
RMS 0.538
size [# of strips]

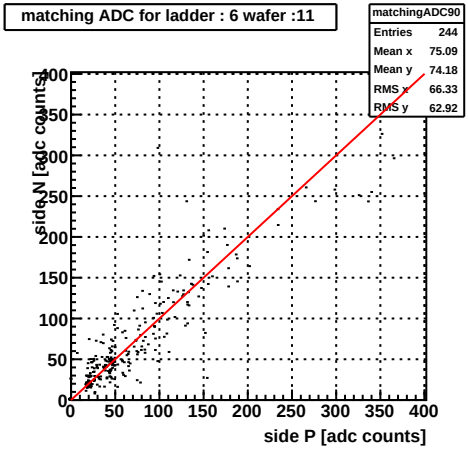

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 568
Mean x 58.67
Mean y 71.32
RMS x 59.96
RMS y 66.91
side N [adc counts]
side P [adc counts]

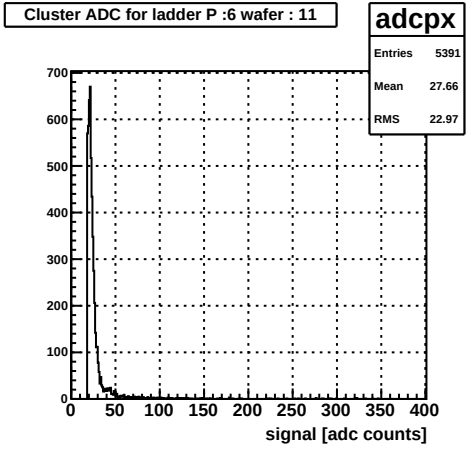

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2398
Mean 35.04
RMS 42.44
signal [adc counts]

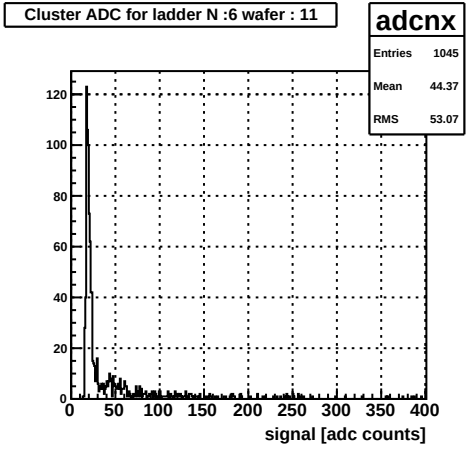

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3550
Mean 42.94
RMS 44.44
signal [adc counts]

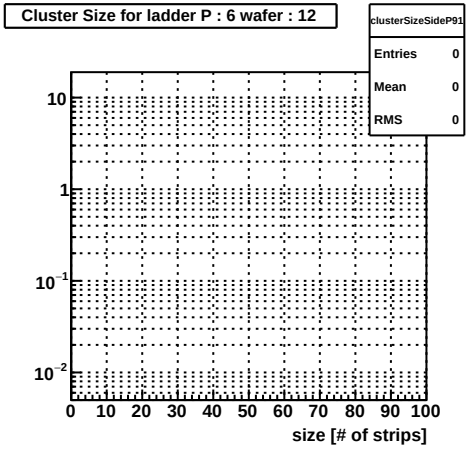

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5391
Mean 1.07
RMS 0.3278
size [# of strips]

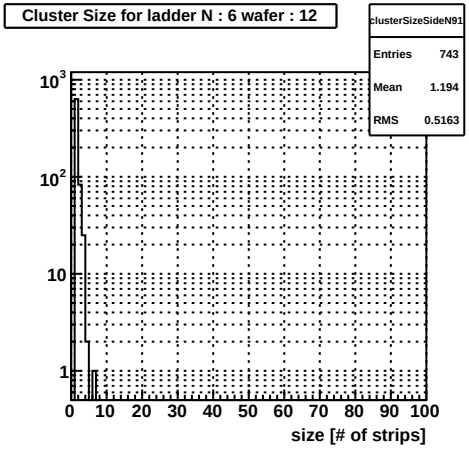

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1045
Mean 1.243
RMS 0.6111
size [# of strips]

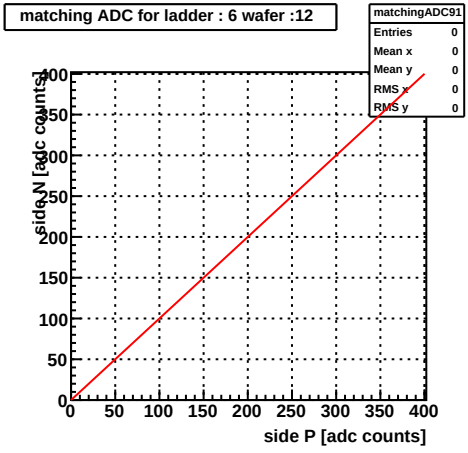

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 244
Mean x 75.09
Mean y 74.18
RMS x 66.33
RMS y 62.92
side N [adc counts]
side P [adc counts]

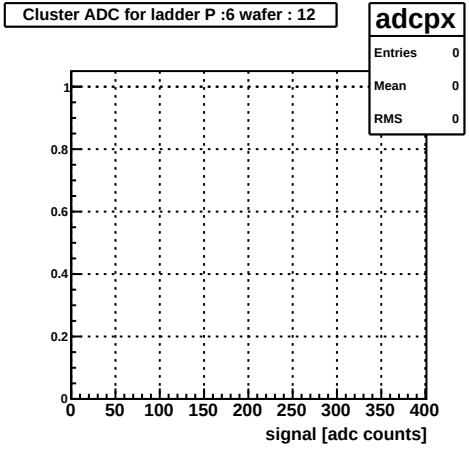

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5391
Mean 27.66
RMS 22.97
signal [adc counts]

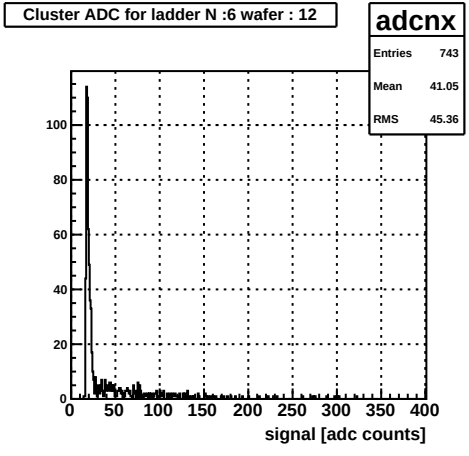

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1045
Mean 44.37
RMS 53.07
signal [adc counts]

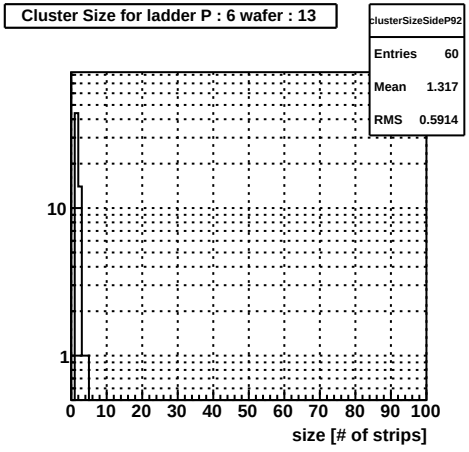

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

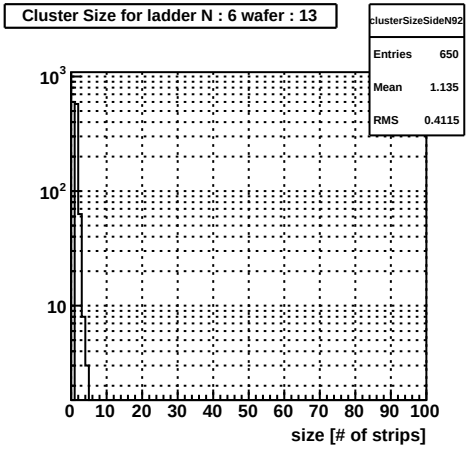

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 743
Mean 1.194
RMS 0.5163
size [# of strips]

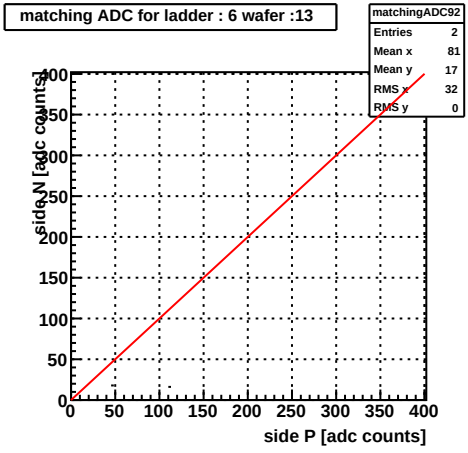

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

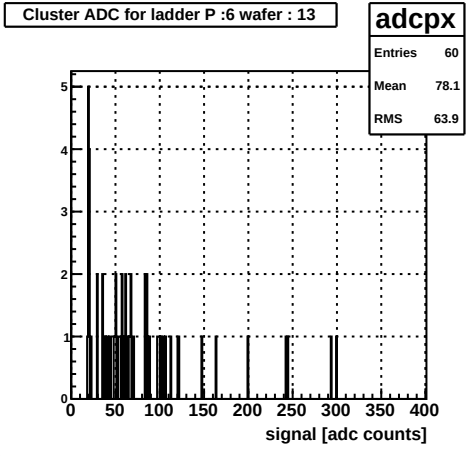

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

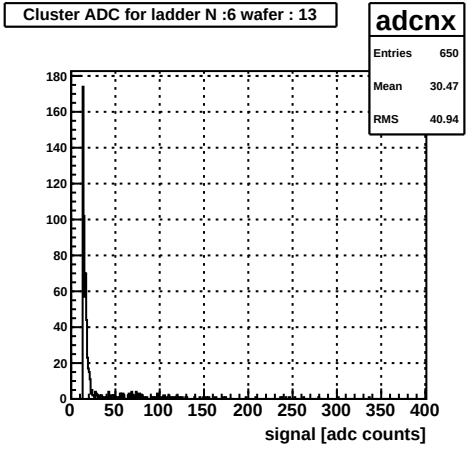

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 743
Mean 41.05
RMS 45.36
signal [adc counts]

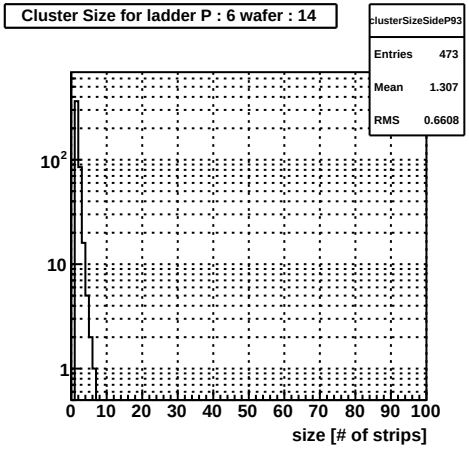

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 60
Mean 1.317
RMS 0.5914
size [# of strips]

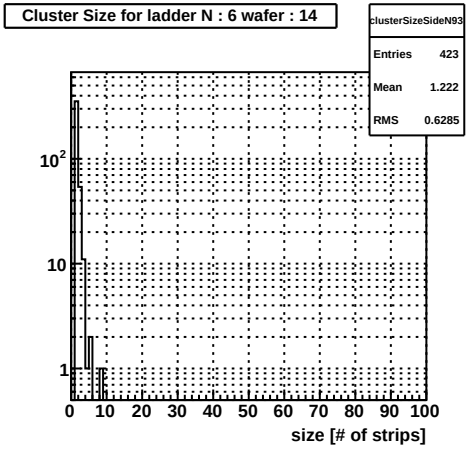

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 650
Mean 1.135
RMS 0.4115
size [# of strips]

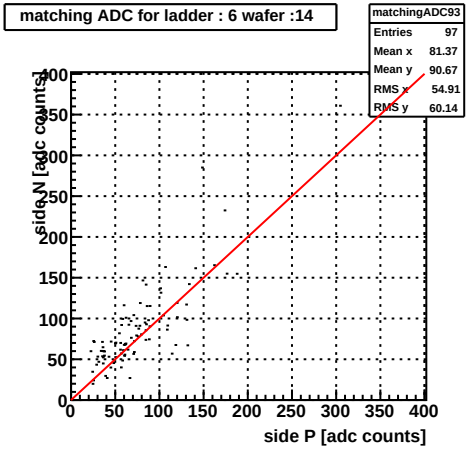

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 81
Mean y 17
RMS x 32
RMS y 0
side N [adc counts]
side P [adc counts]

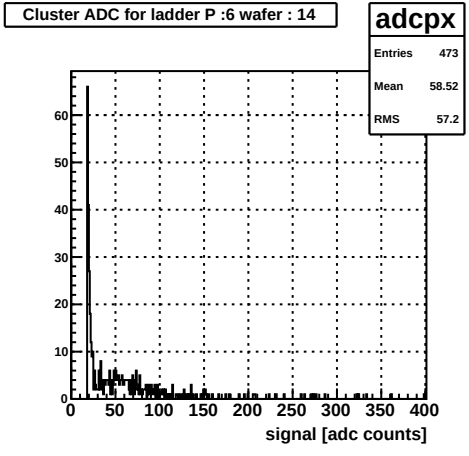

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 60
Mean 78.1
RMS 63.9
signal [adc counts]

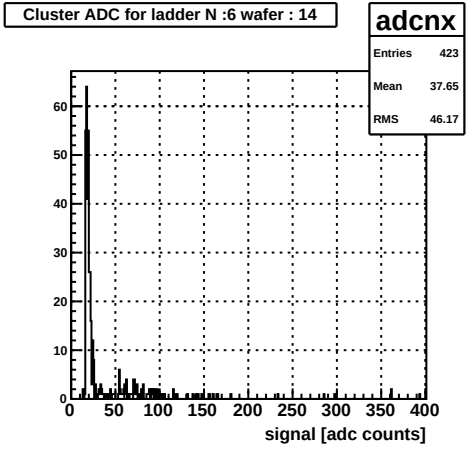

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 650
Mean 30.47
RMS 40.94
signal [adc counts]

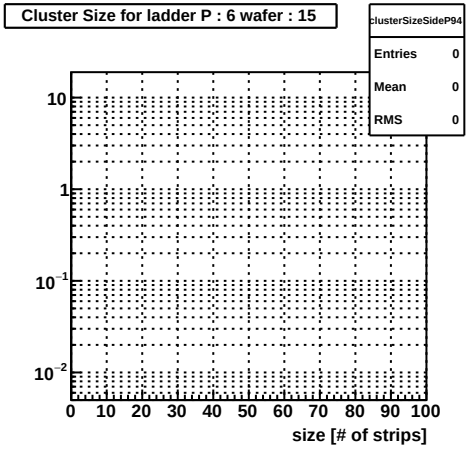

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 473
Mean 1.307
RMS 0.6608
size [# of strips]

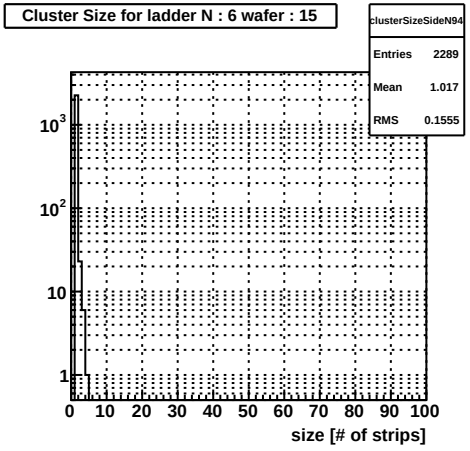

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 423
Mean 1.222
RMS 0.6285
size [# of strips]

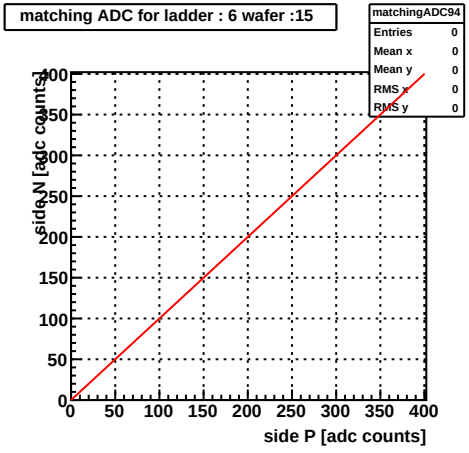

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 97
Mean x 81.37
Mean y 90.67
RMS x 54.91
RMS y 60.14
side N [adc counts]
side P [adc counts]

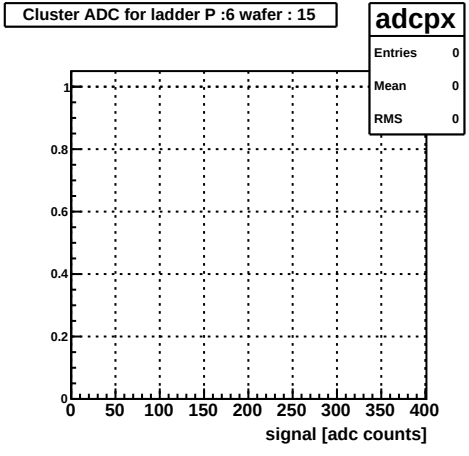

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 473
Mean 58.52
RMS 57.2
signal [adc counts]

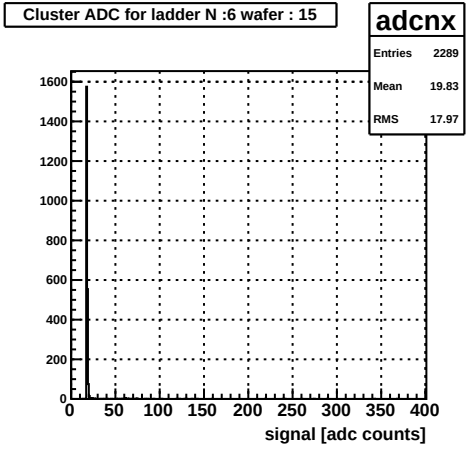

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 423
Mean 37.65
RMS 46.17
signal [adc counts]

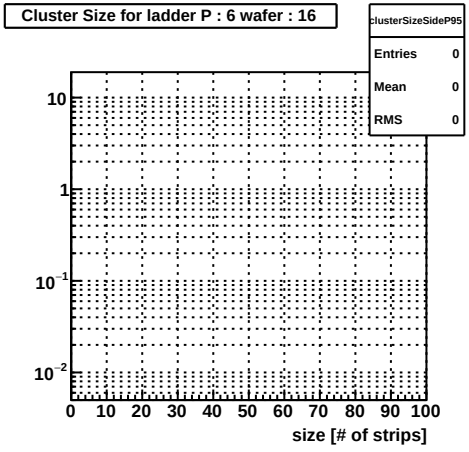

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

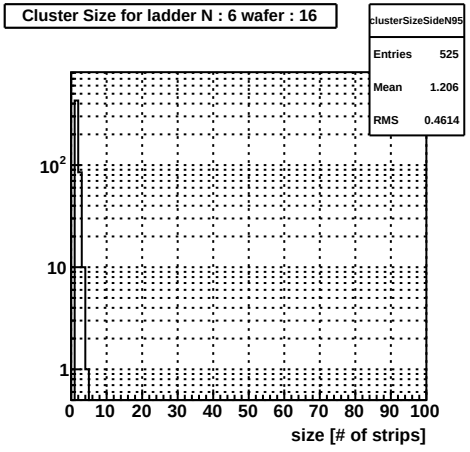

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2289
Mean 1.017
RMS 0.1555
size [# of strips]

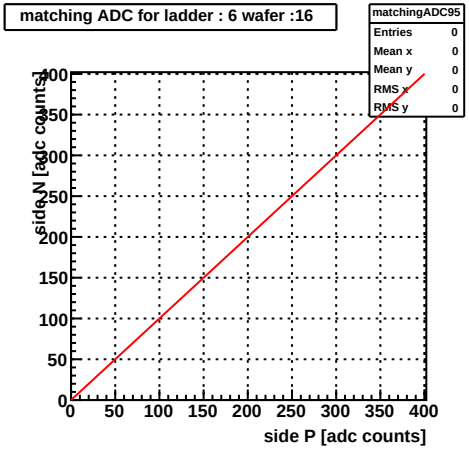

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

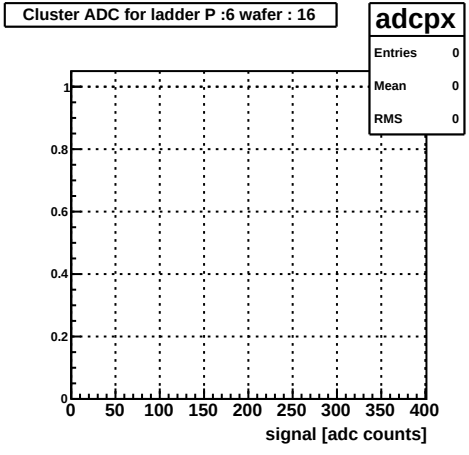

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

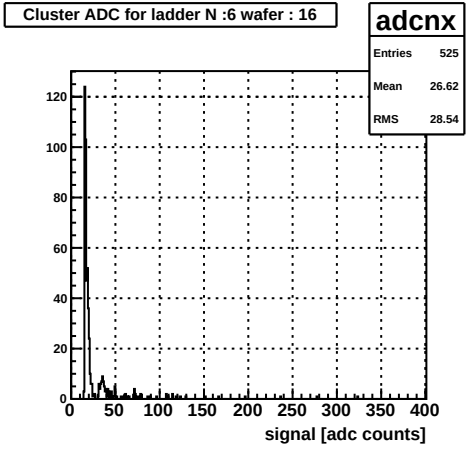

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2289
Mean 19.83
RMS 17.97
signal [adc counts]

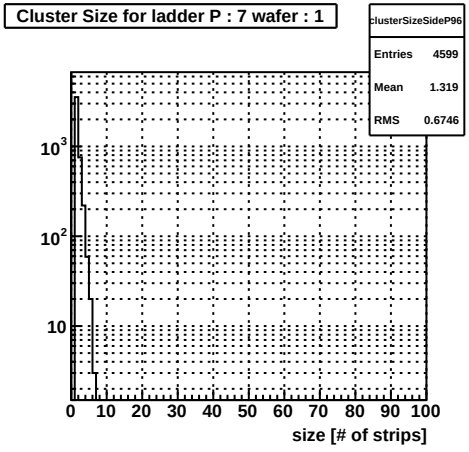

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

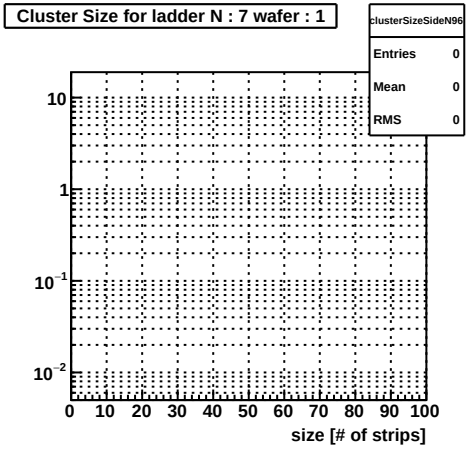

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 525
Mean 1.206
RMS 0.4614
size [# of strips]

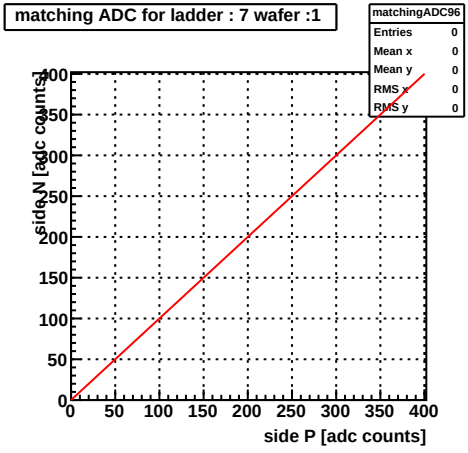

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

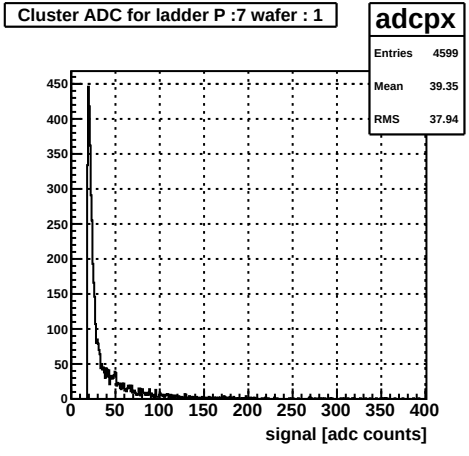

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

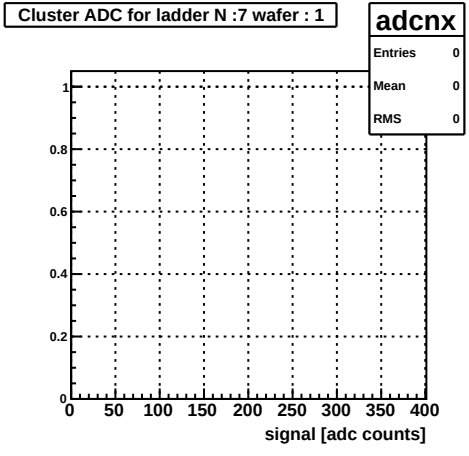

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 525
Mean 26.62
RMS 28.54
signal [adc counts]

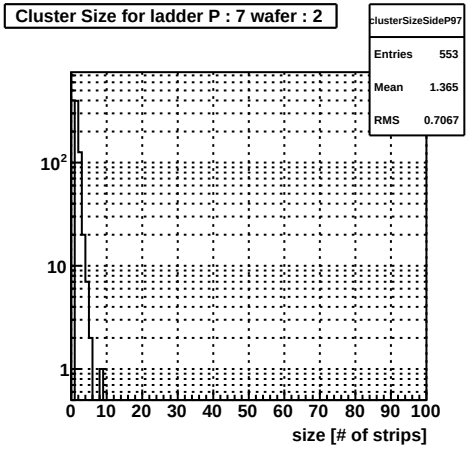

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4599
Mean 1.319
RMS 0.6746
size [# of strips]

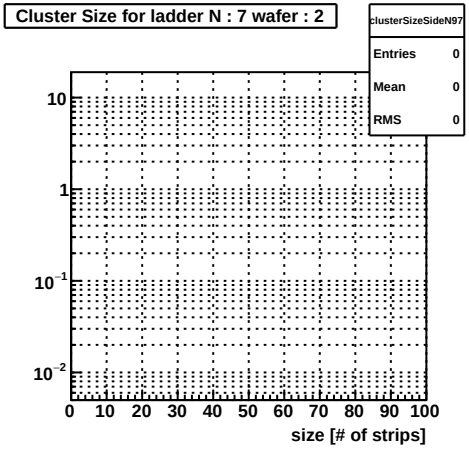

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

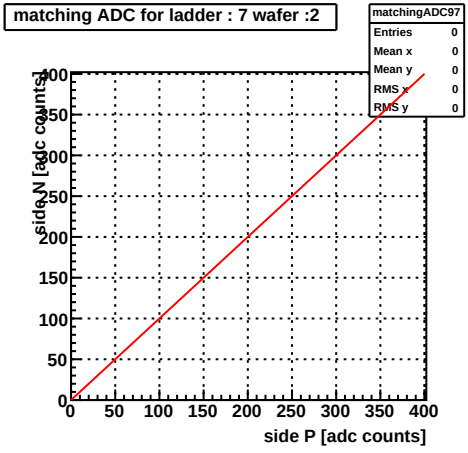

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

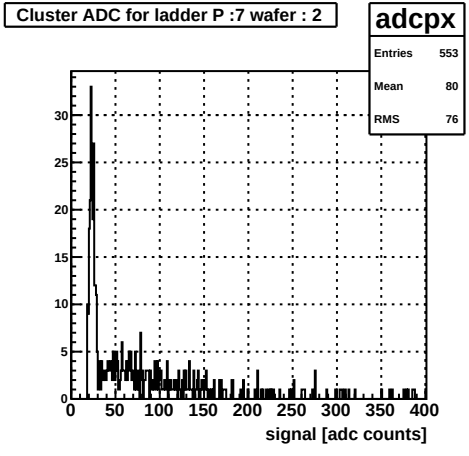

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4599
Mean 39.35
RMS 37.94
signal [adc counts]

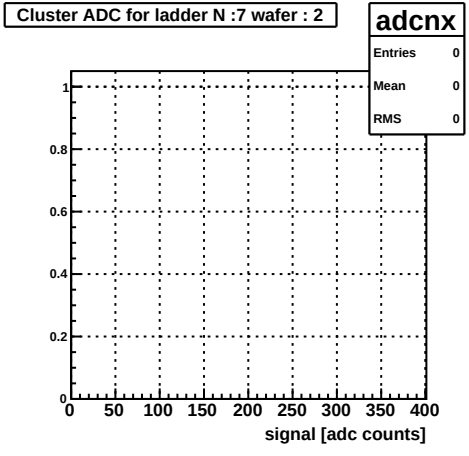

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

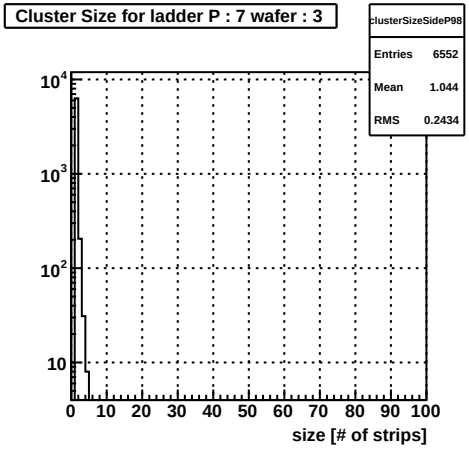

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 553
Mean 1.365
RMS 0.7067
size [# of strips]

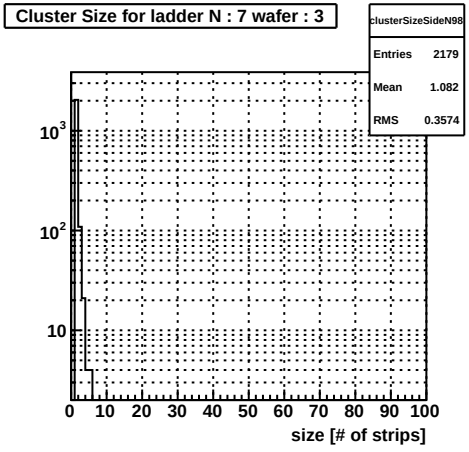

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

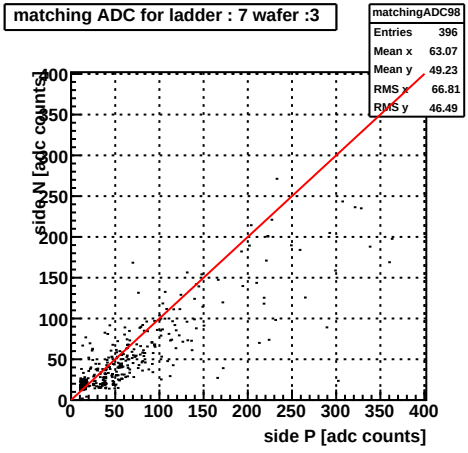

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

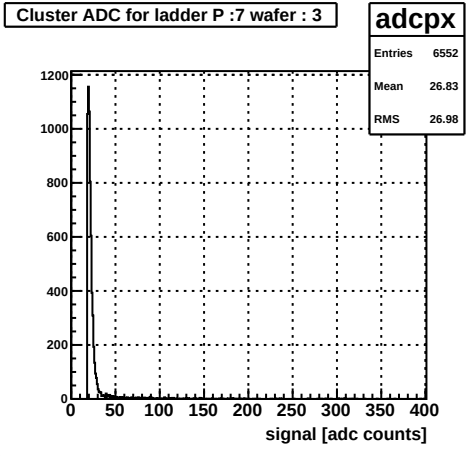

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 553
Mean 80
RMS 76
signal [adc counts]

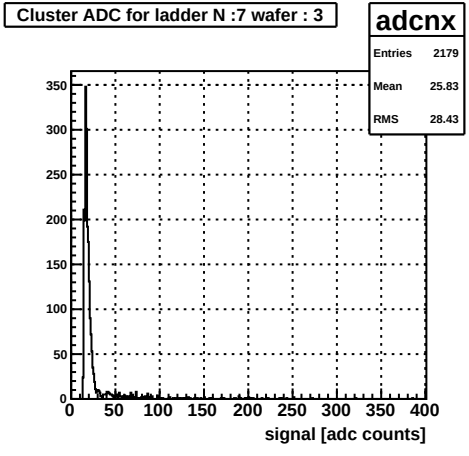

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

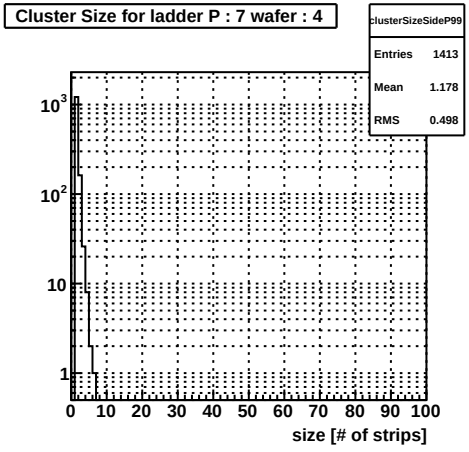

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6552
Mean 1.044
RMS 0.2434
size [# of strips]

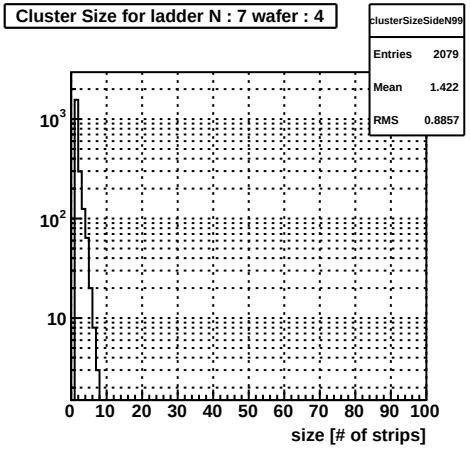

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2179
Mean 1.082
RMS 0.3574
size [# of strips]

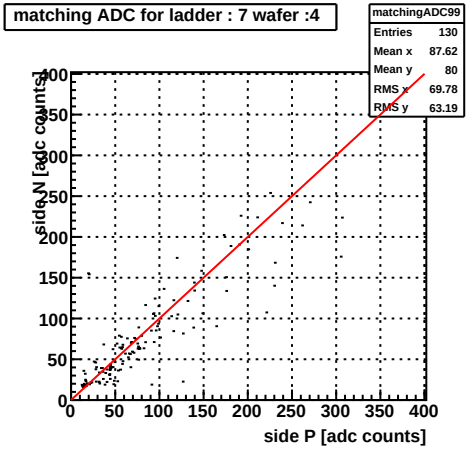

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 396
Mean x 63.07
Mean y 49.23
RMS x 66.81
RMS y 46.49
side N [adc counts]
side P [adc counts]

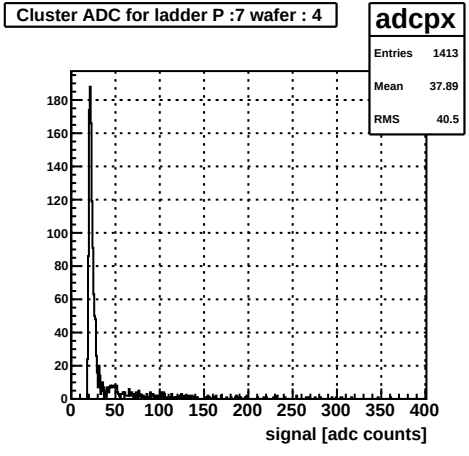

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6552
Mean 26.83
RMS 26.98
signal [adc counts]

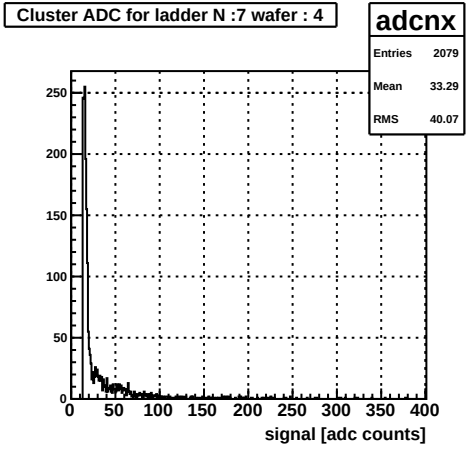

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2179
Mean 25.83
RMS 28.43
signal [adc counts]

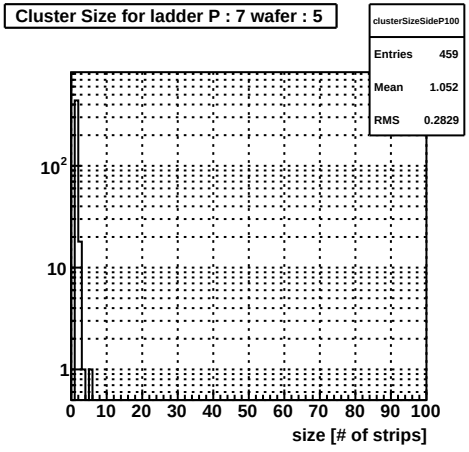

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1413
Mean 1.178
RMS 0.498
size [# of strips]

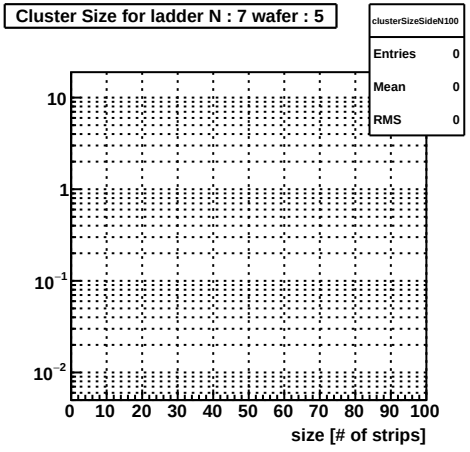

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2079
Mean 1.422
RMS 0.8857
size [# of strips]

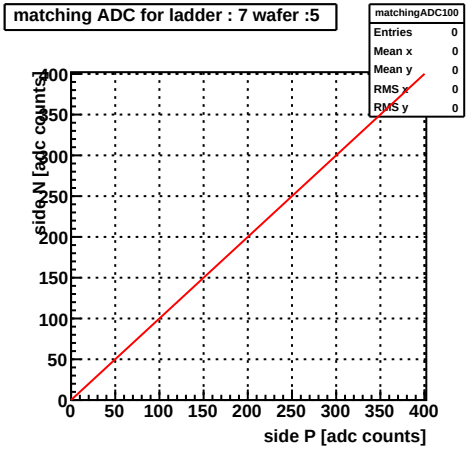

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 130
Mean x 87.62
Mean y 80
RMS x 69.78
RMS y 63.19
side N [adc counts]
side P [adc counts]

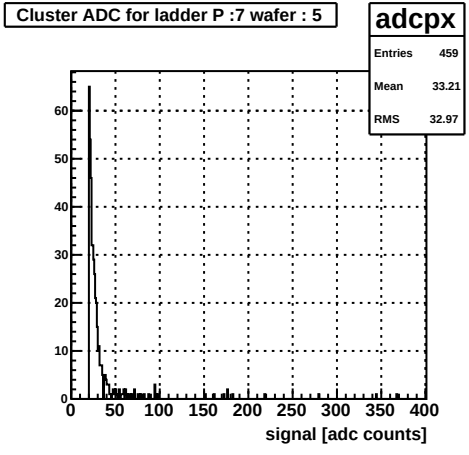

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1413
Mean 37.89
RMS 40.5
signal [adc counts]

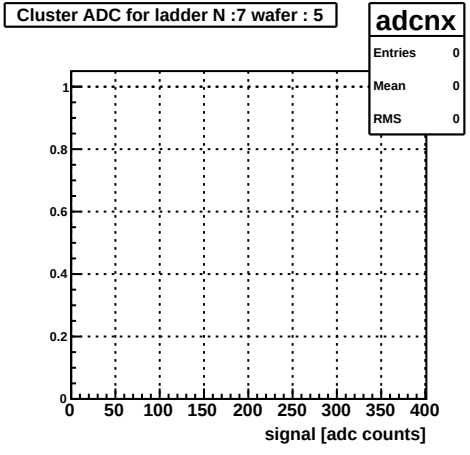

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2079
Mean 33.29
RMS 40.07
signal [adc counts]

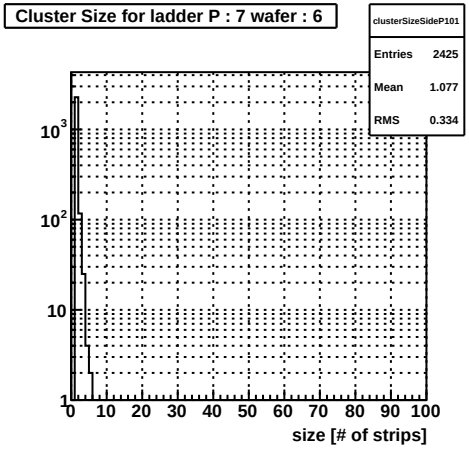

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 459
Mean 1.052
RMS 0.2829
size [# of strips]

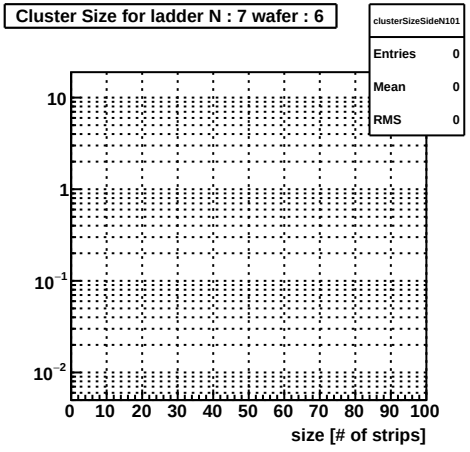

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

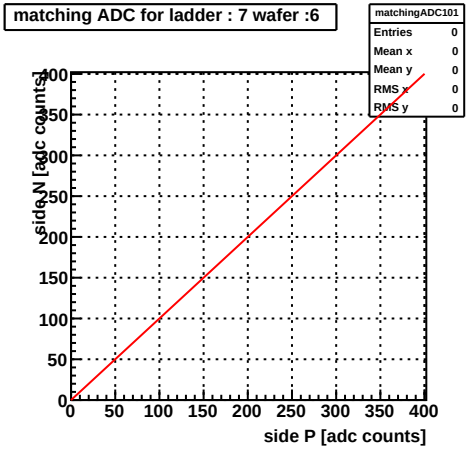

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

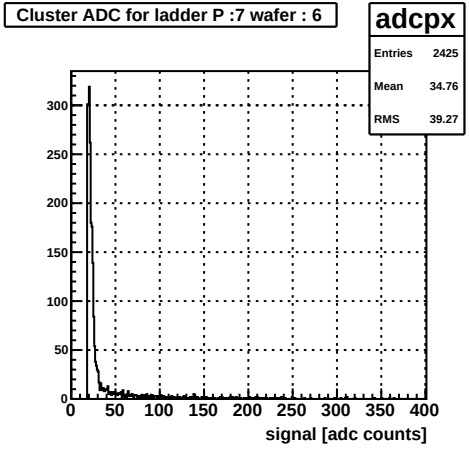

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 459
Mean 33.21
RMS 32.97
signal [adc counts]

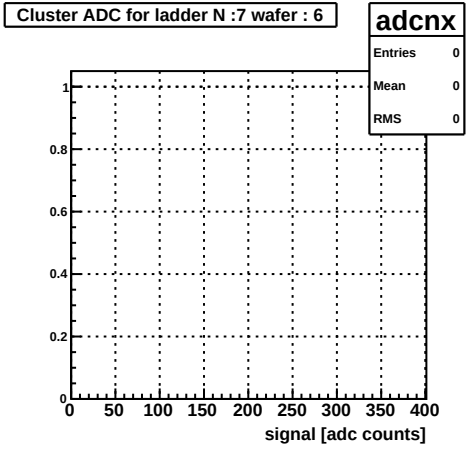

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

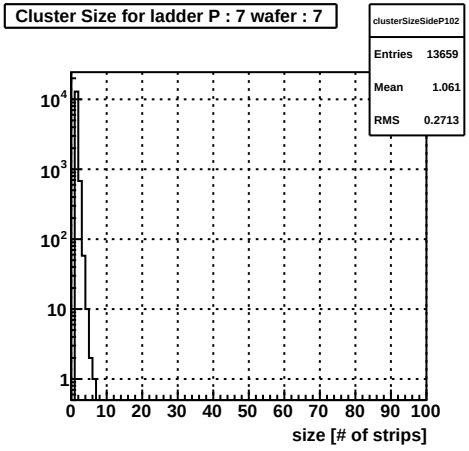

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2425
Mean 1.077
RMS 0.334
size [# of strips]

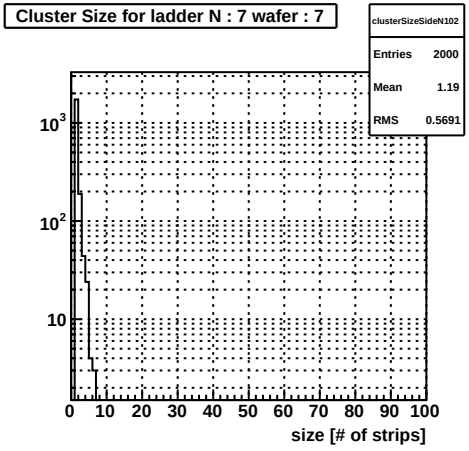

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

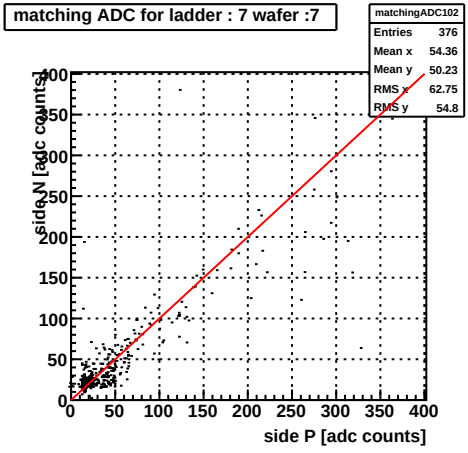

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

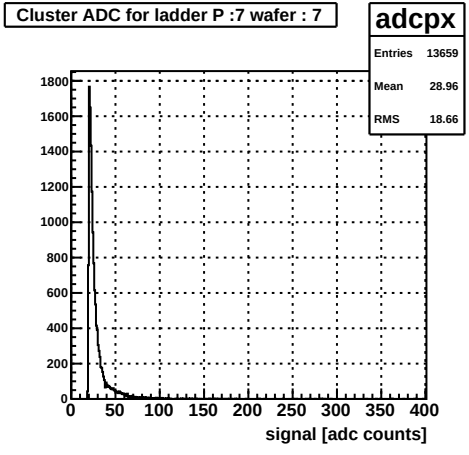

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2425
Mean 34.76
RMS 39.27
signal [adc counts]

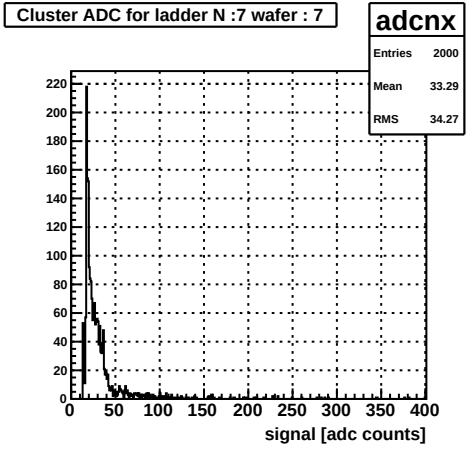

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

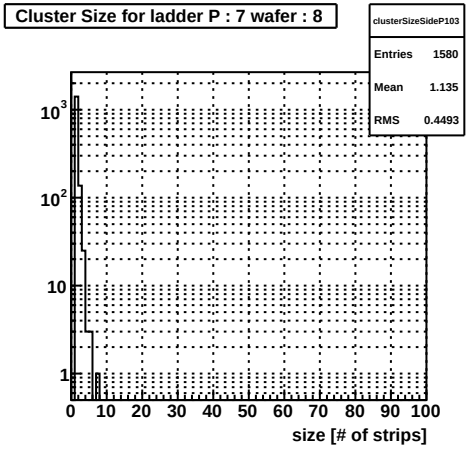

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13659
Mean 1.061
RMS 0.2713
size [# of strips]

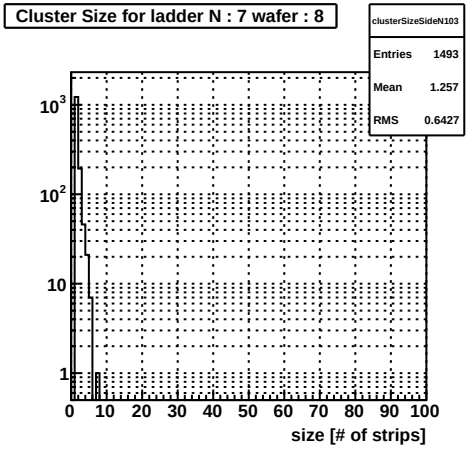

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2000
Mean 1.19
RMS 0.5691
size [# of strips]

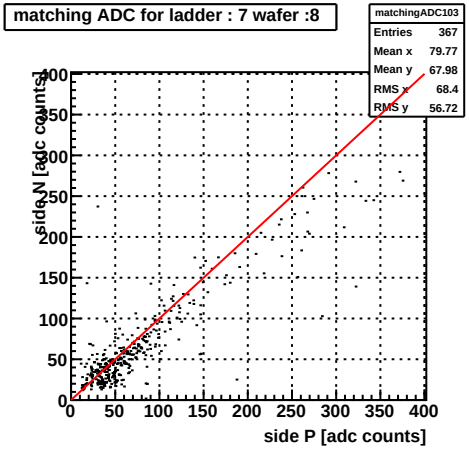

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 376
Mean x 54.36
Mean y 50.23
RMS x 62.75
RMS y 54.8
side N [adc counts]
side P [adc counts]

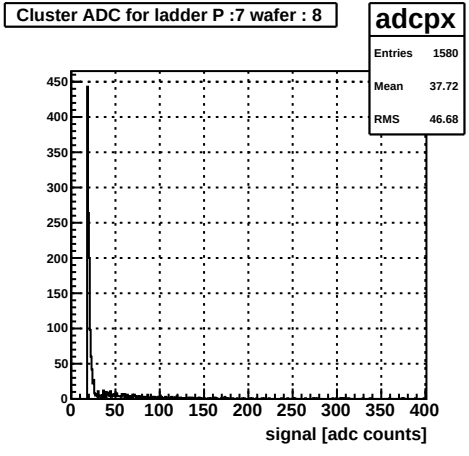

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13659
Mean 28.96
RMS 18.66
signal [adc counts]

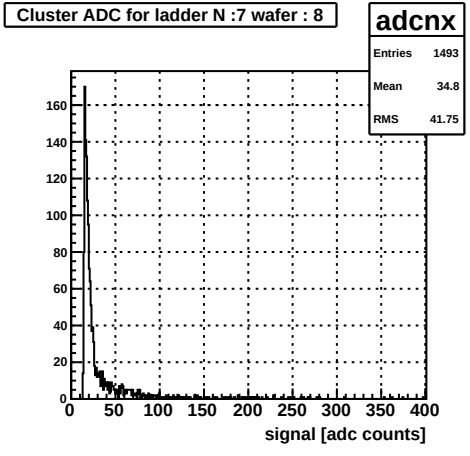

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2000
Mean 33.29
RMS 34.27
signal [adc counts]

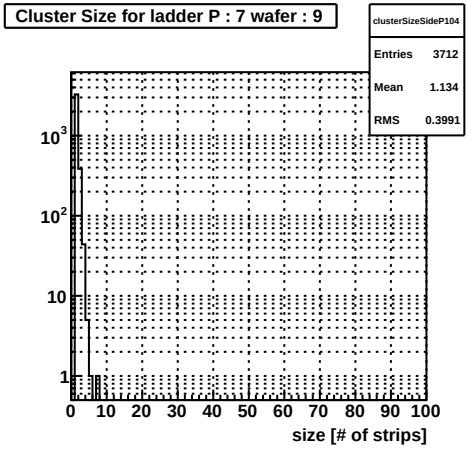

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1580
Mean 1.135
RMS 0.4493
size [# of strips]

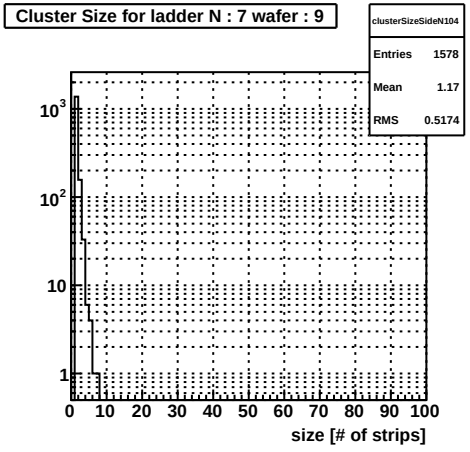

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1493
Mean 1.257
RMS 0.6427
size [# of strips]

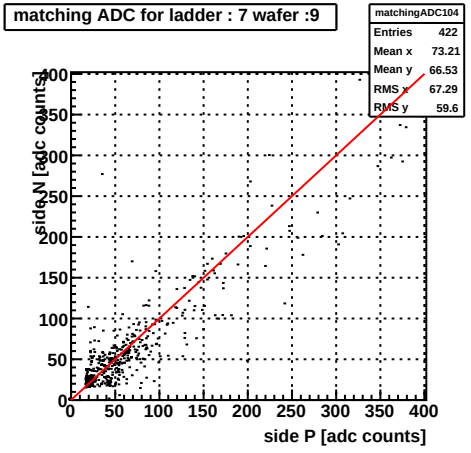

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 367
Mean x 79.77
Mean y 67.98
RMS x 68.4
RMS y 56.72
side N [adc counts]
side P [adc counts]

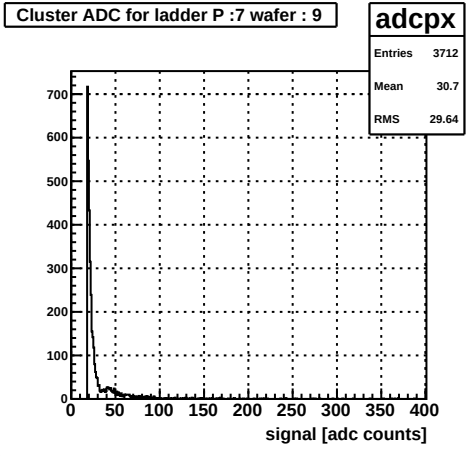

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1580
Mean 37.72
RMS 46.68
signal [adc counts]

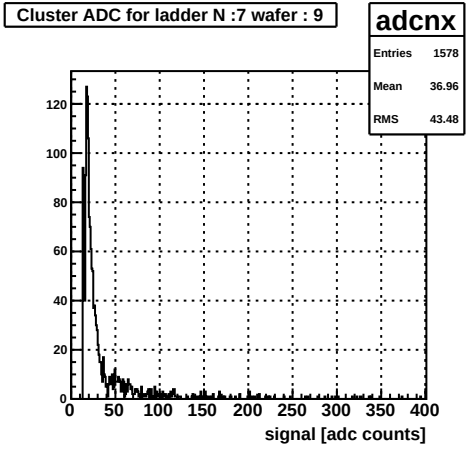

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1493
Mean 34.8
RMS 41.75
signal [adc counts]

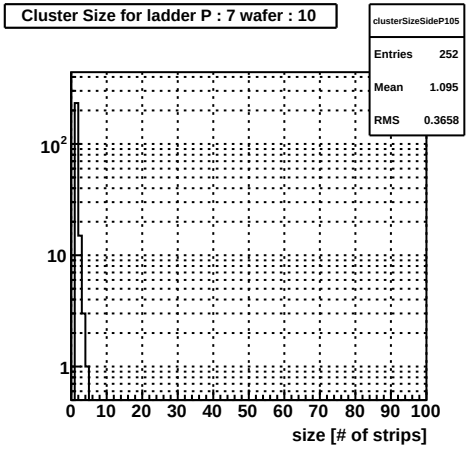

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3712
Mean 1.134
RMS 0.3991
size [# of strips]

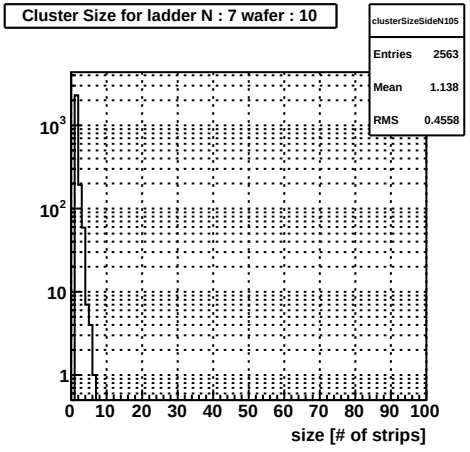

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1578
Mean 1.17
RMS 0.5174
size [# of strips]

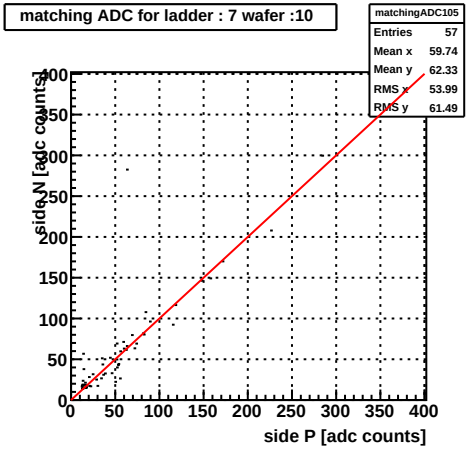

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 422
Mean x 73.21
Mean y 66.53
RMS x 67.29
RMS y 59.6
side N [adc counts]
side P [adc counts]

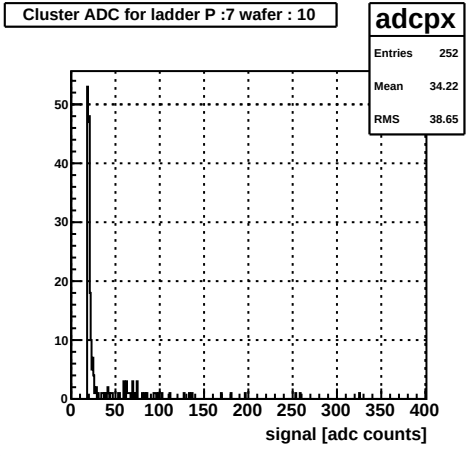

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3712
Mean 30.7
RMS 29.64
signal [adc counts]

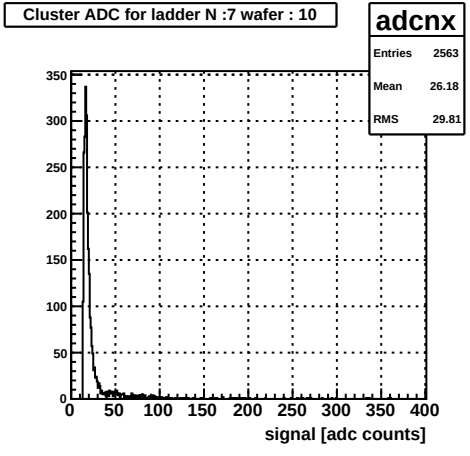

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1578
Mean 36.96
RMS 43.48
signal [adc counts]

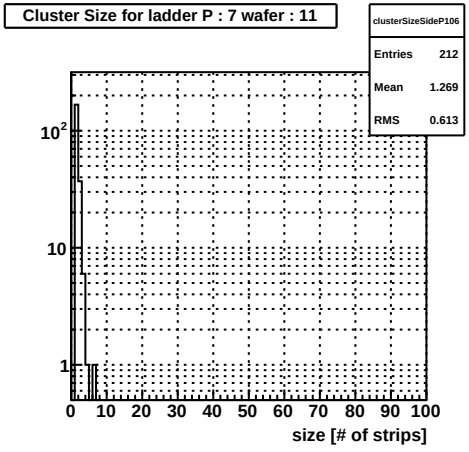

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 252
Mean 1.095
RMS 0.3658
size [# of strips]

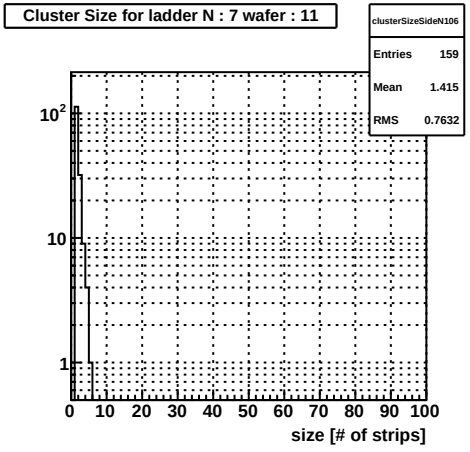

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2563
Mean 1.138
RMS 0.4558
size [# of strips]

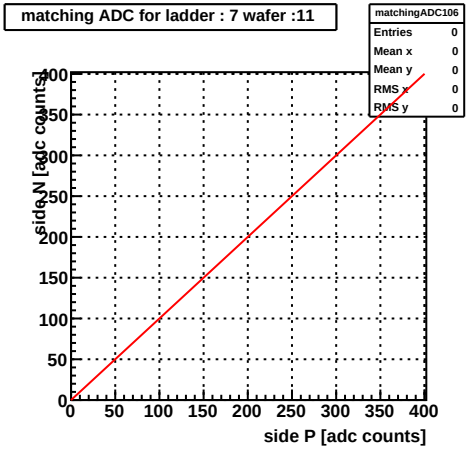

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 57
Mean x 59.74
Mean y 62.33
RMS x 53.99
RMS y 61.49
side N [adc counts]
side P [adc counts]

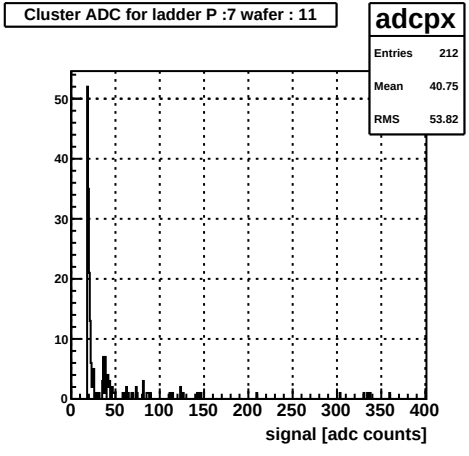

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 252
Mean 34.22
RMS 38.65
signal [adc counts]

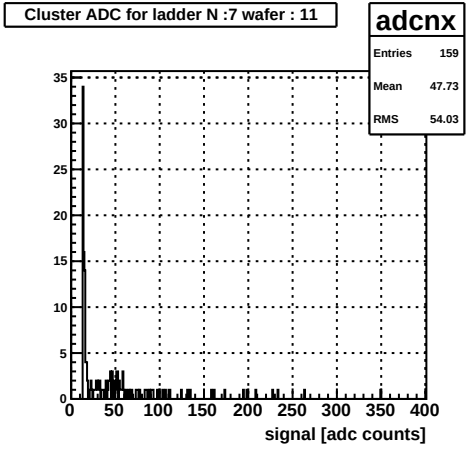

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2563
Mean 26.18
RMS 29.81
signal [adc counts]

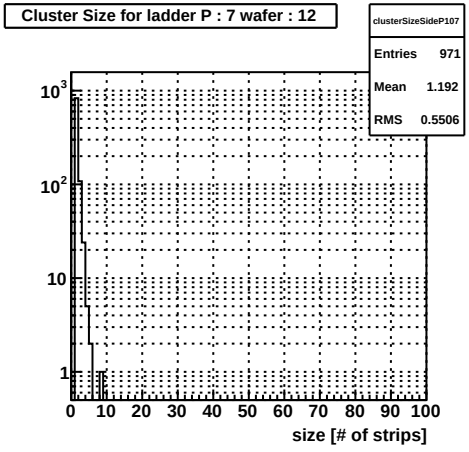

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 212
Mean 1.269
RMS 0.613
size [# of strips]

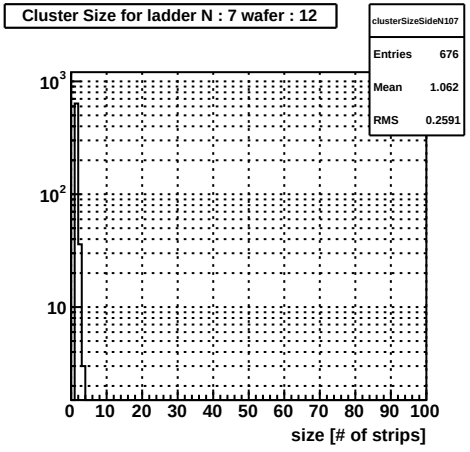

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 159
Mean 1.415
RMS 0.7632
size [# of strips]

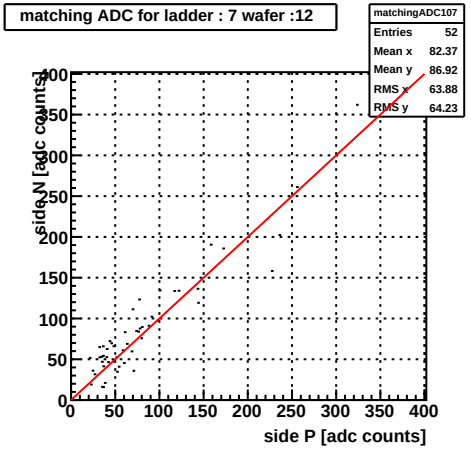

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

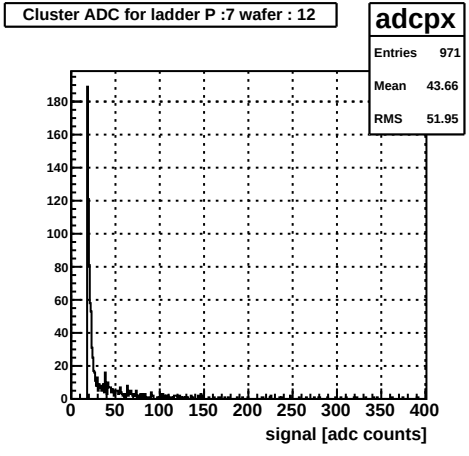

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 212
Mean 40.75
RMS 53.82
signal [adc counts]

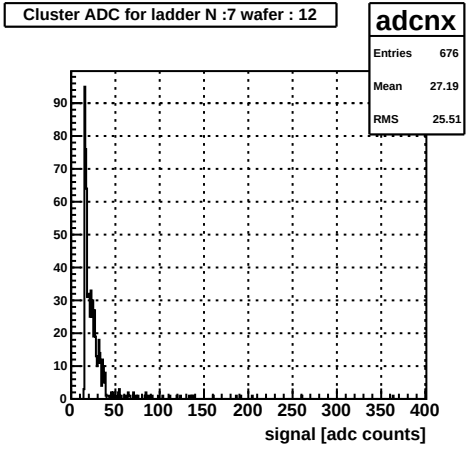

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 159
Mean 47.73
RMS 54.03
signal [adc counts]

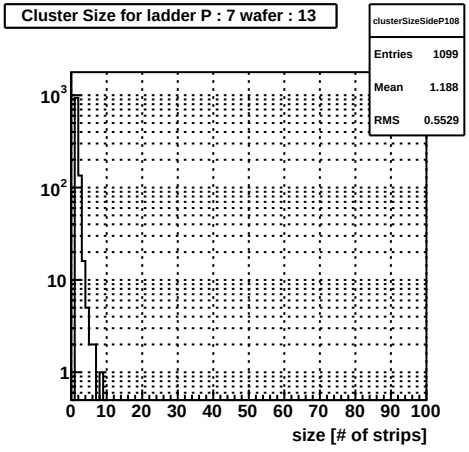

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 971
Mean 1.192
RMS 0.5506
size [# of strips]

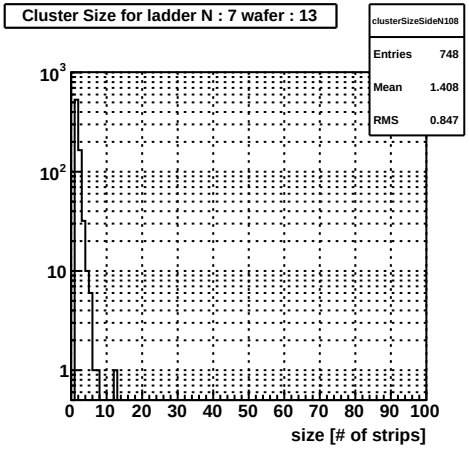

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 676
Mean 1.062
RMS 0.2591
size [# of strips]

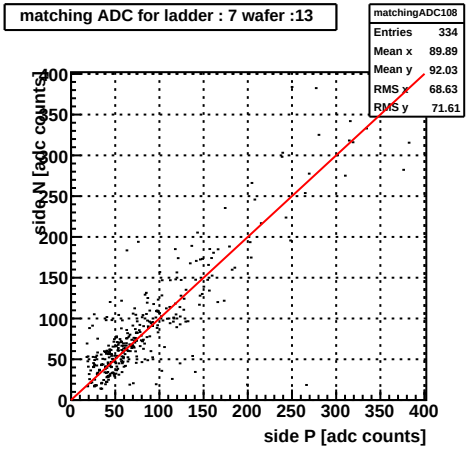

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 52
Mean x 82.37
Mean y 86.92
RMS x 63.88
RMS y 64.23
side N [adc counts]
side P [adc counts]

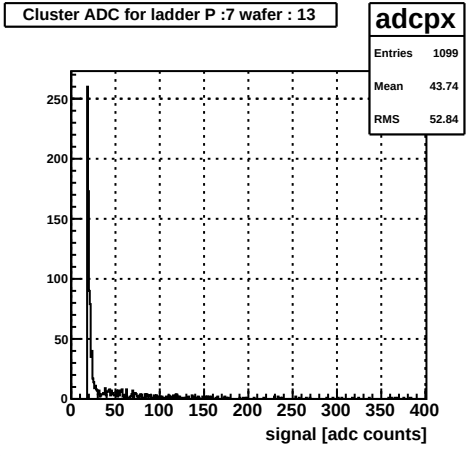

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 971
Mean 43.66
RMS 51.95
signal [adc counts]

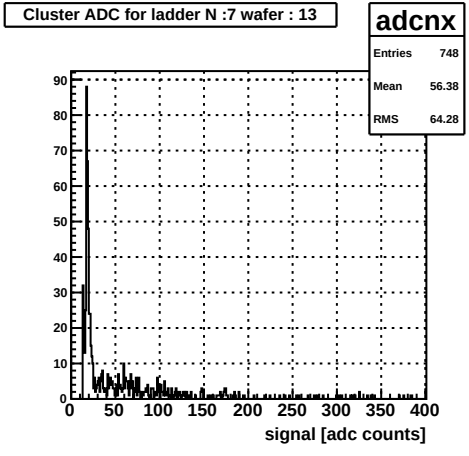

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 676
Mean 27.19
RMS 25.51
signal [adc counts]

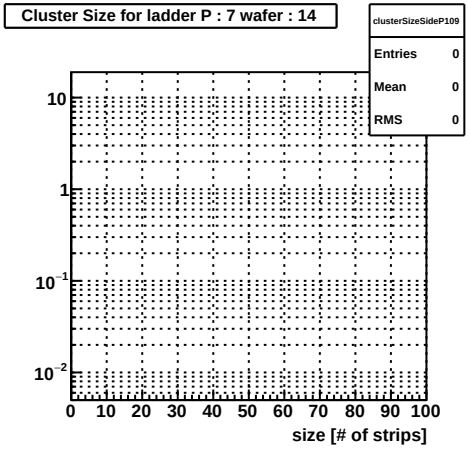

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1099
Mean 1.188
RMS 0.5529
size [# of strips]

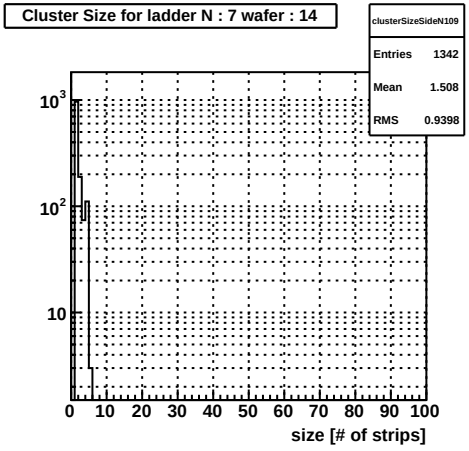

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 748
Mean 1.408
RMS 0.847
size [# of strips]

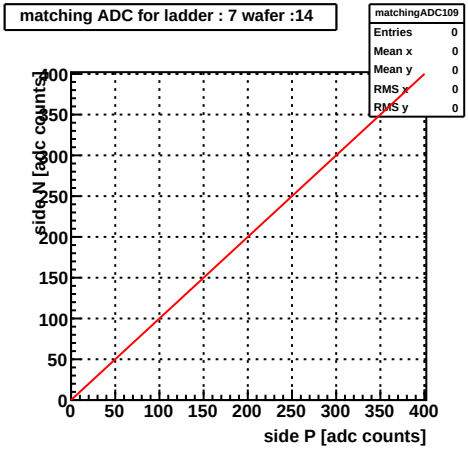

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 334
Mean x 89.89
Mean y 92.03
RMS x 68.63
RMS y 71.61
side N [adc counts]
side P [adc counts]

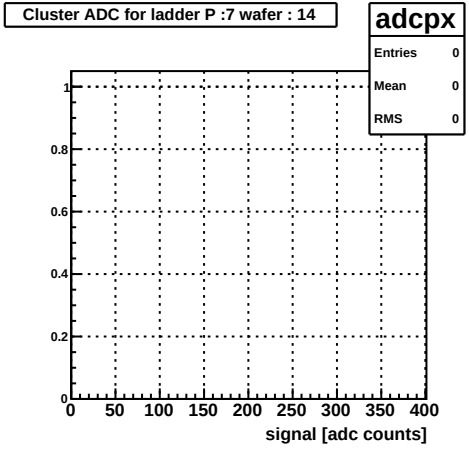

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1099
Mean 43.74
RMS 52.84
signal [adc counts]

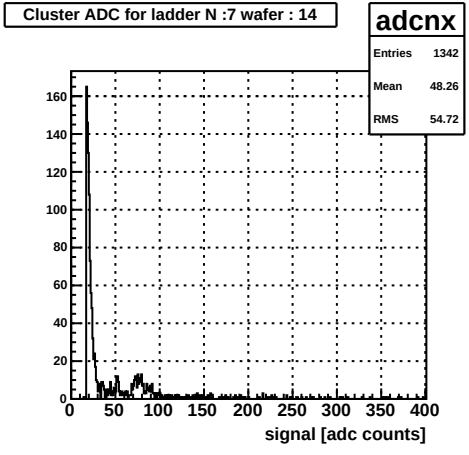

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 748
Mean 56.38
RMS 64.28
signal [adc counts]

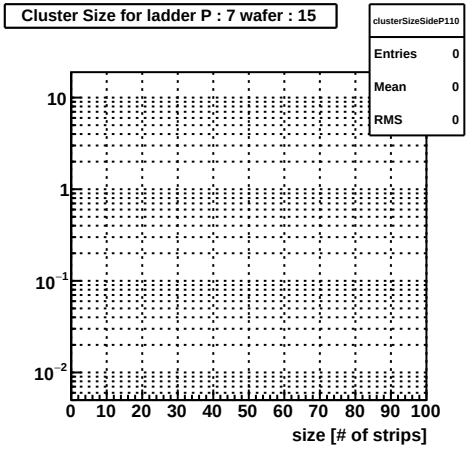

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

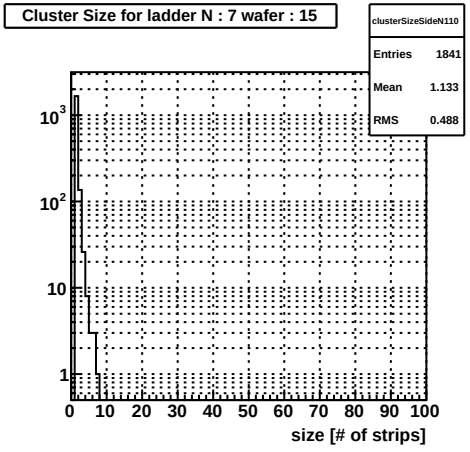

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1342
Mean 1.508
RMS 0.9398
size [# of strips]

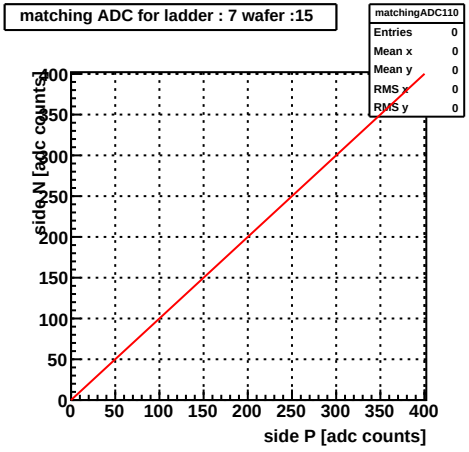

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

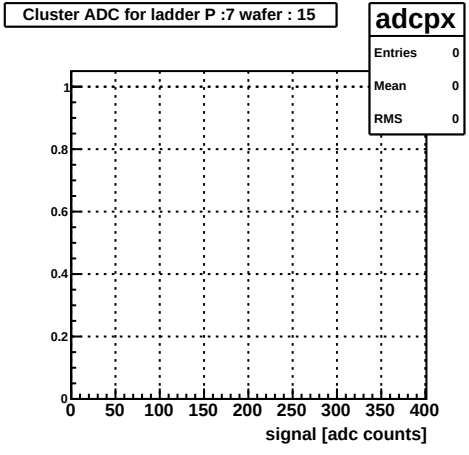

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

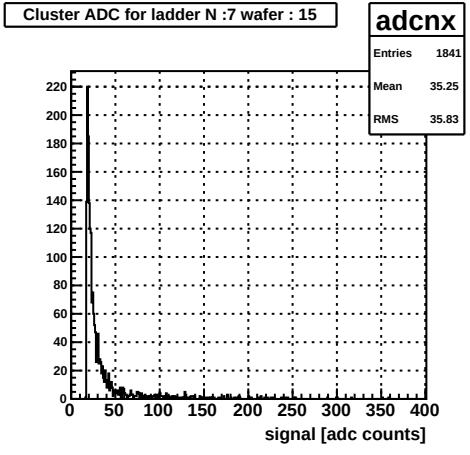

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1342
Mean 48.26
RMS 54.72
signal [adc counts]

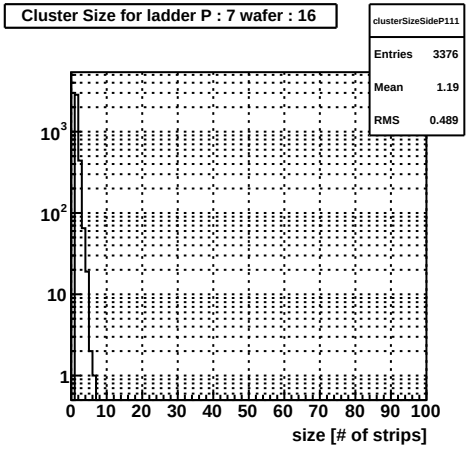

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

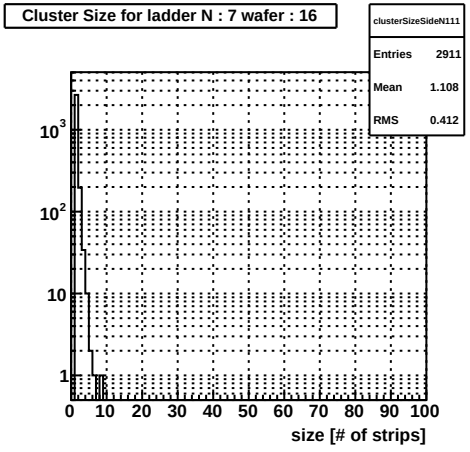

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1841
Mean 1.133
RMS 0.488
size [# of strips]

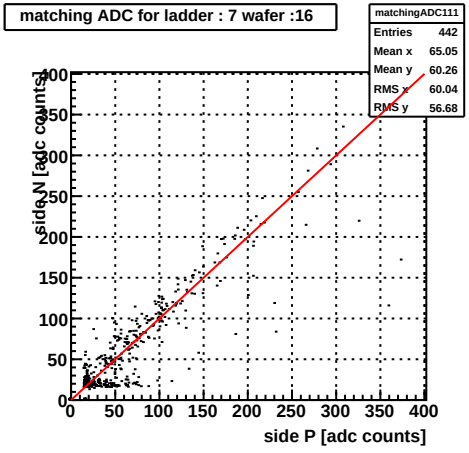

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

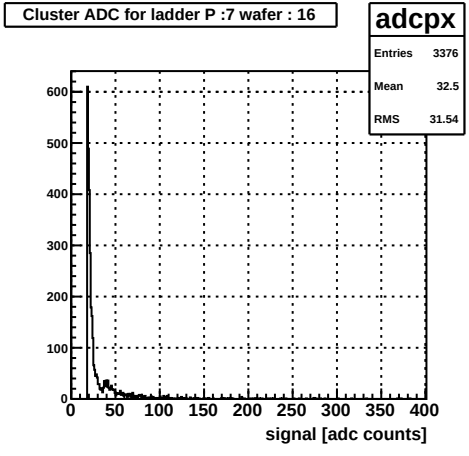

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

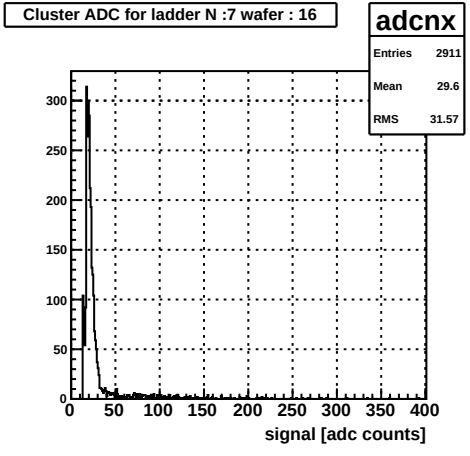

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1841
Mean 35.25
RMS 35.83
signal [adc counts]

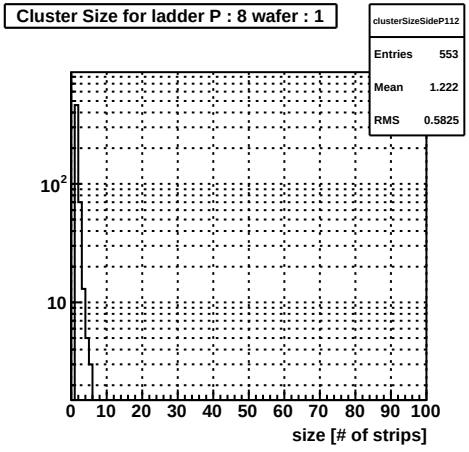

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 3376
Mean 1.19
RMS 0.489
size [# of strips]

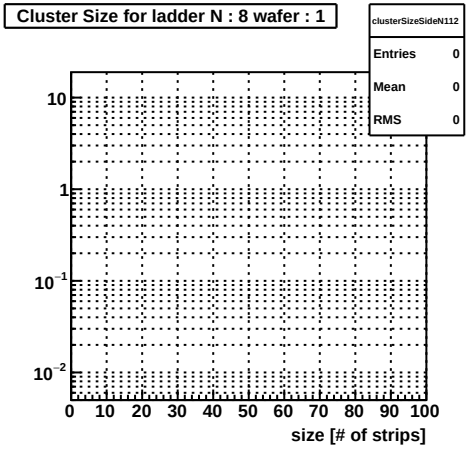

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2911
Mean 1.108
RMS 0.412
size [# of strips]

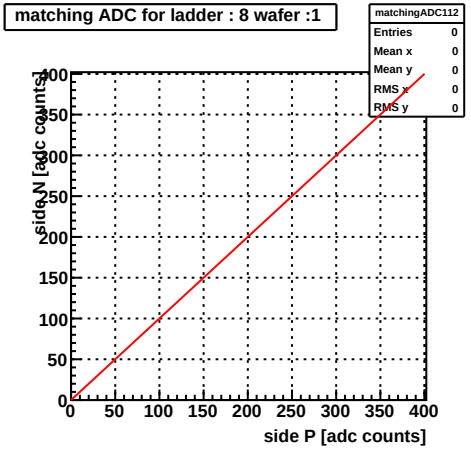

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 442
Mean x 65.05
Mean y 60.26
RMS x 60.04
RMS y 56.68
side N [adc counts]
side P [adc counts]

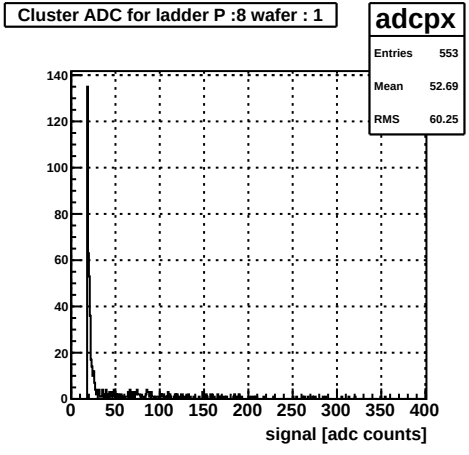

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 3376
Mean 32.5
RMS 31.54
signal [adc counts]

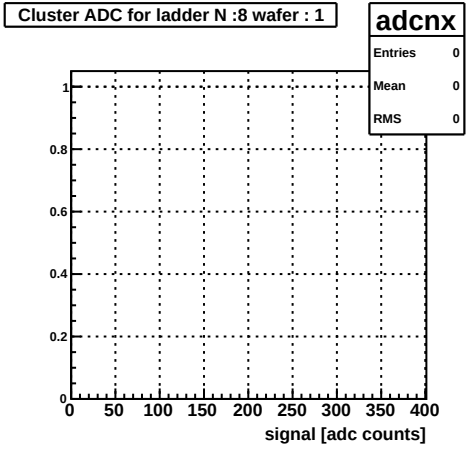

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2911
Mean 29.6
RMS 31.57
signal [adc counts]

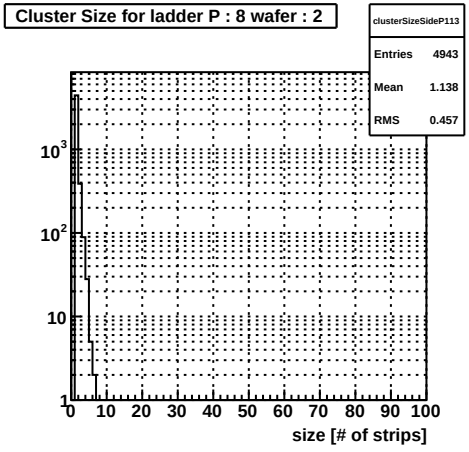

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 553
Mean 1.222
RMS 0.5825
size [# of strips]

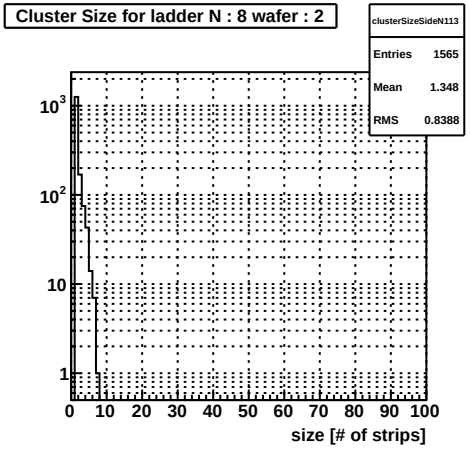

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

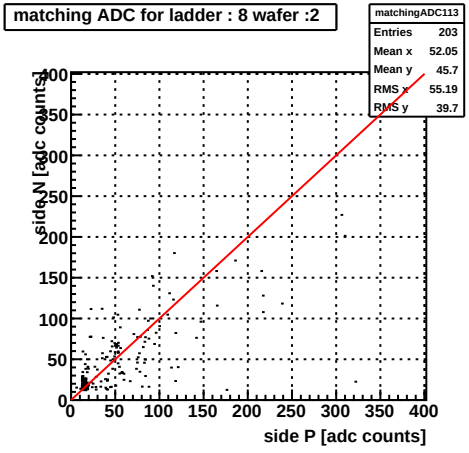

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

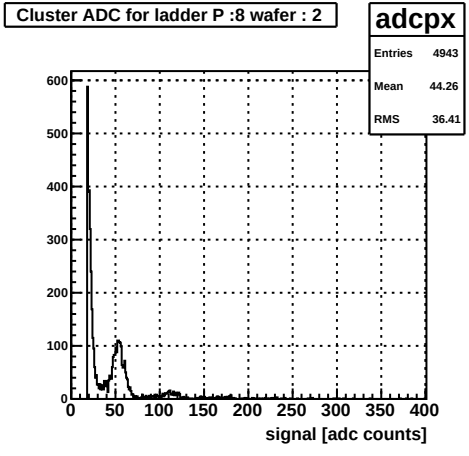

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 553
Mean 52.69
RMS 60.25
signal [adc counts]

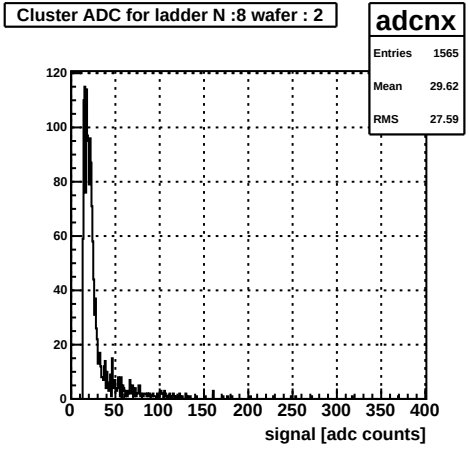

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

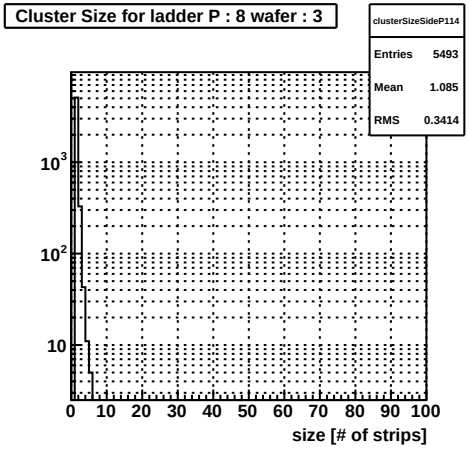

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 4943
Mean 1.138
RMS 0.457
size [# of strips]

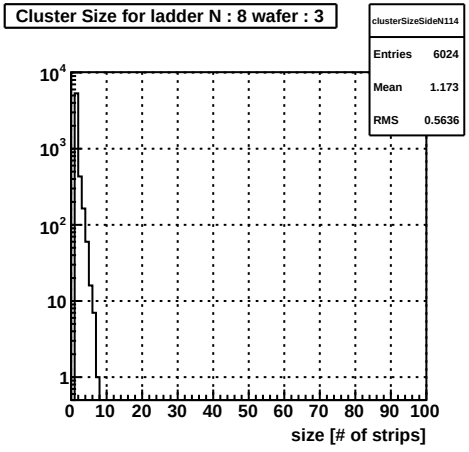

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1565
Mean 1.348
RMS 0.8388
size [# of strips]

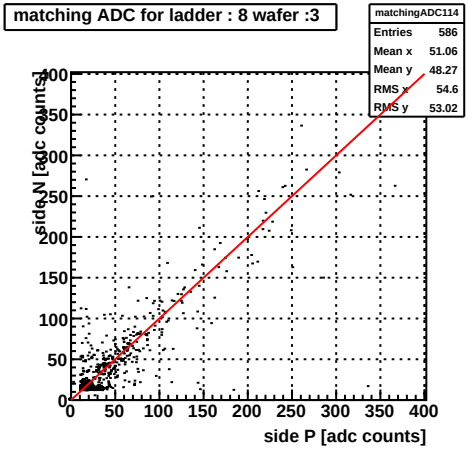

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 203
Mean x 52.05
Mean y 45.7
RMS x 55.19
RMS y 39.7
side N [adc counts]
side P [adc counts]

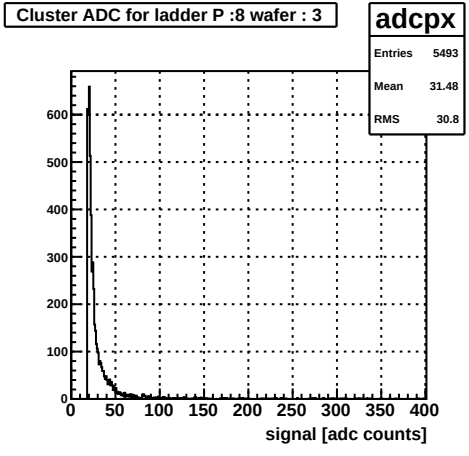

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 4943
Mean 44.26
RMS 36.41
signal [adc counts]

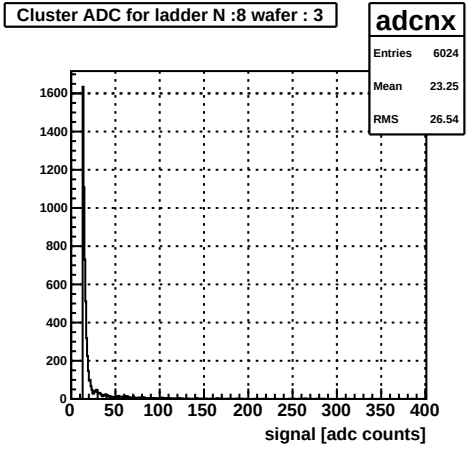

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1565
Mean 29.62
RMS 27.59
signal [adc counts]

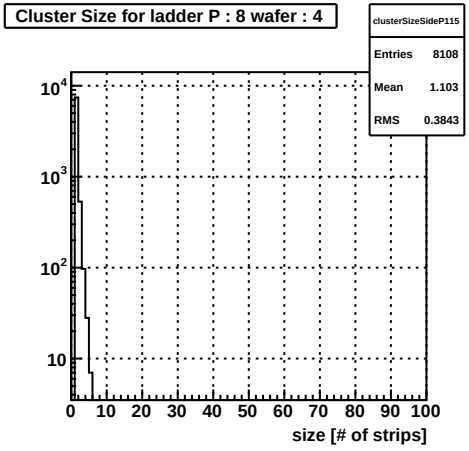

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5493
Mean 1.085
RMS 0.3414
size [# of strips]

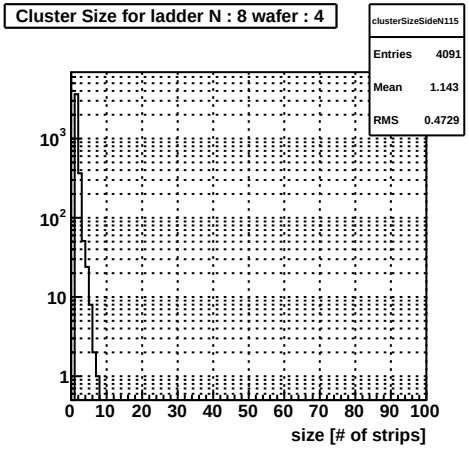

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6024
Mean 1.173
RMS 0.5636
size [# of strips]

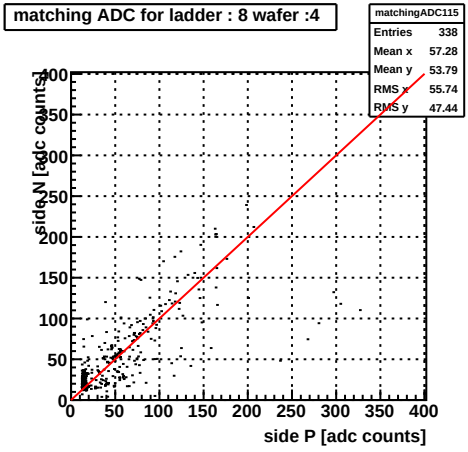

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 586
Mean x 51.06
Mean y 48.27
RMS x 54.6
RMS y 53.02
side N [adc counts]
side P [adc counts]

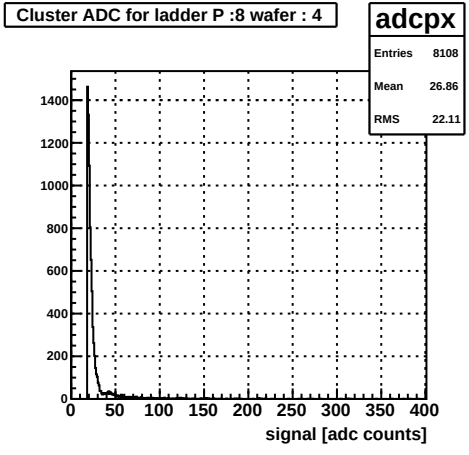

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5493
Mean 31.48
RMS 30.8
signal [adc counts]

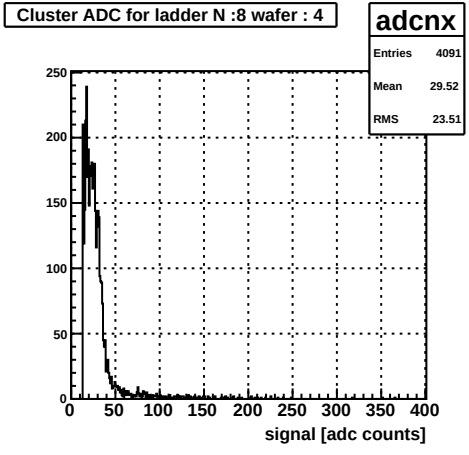

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6024
Mean 23.25
RMS 26.54
signal [adc counts]

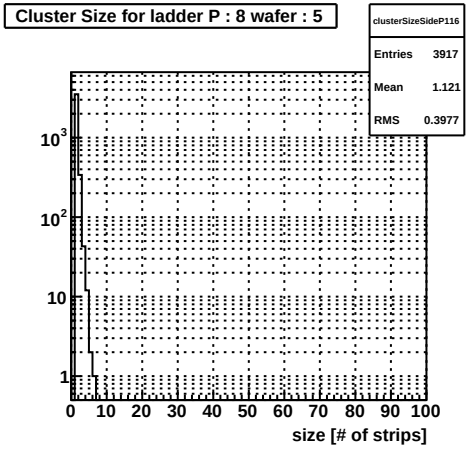

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 8108
Mean 1.103
RMS 0.3843
size [# of strips]

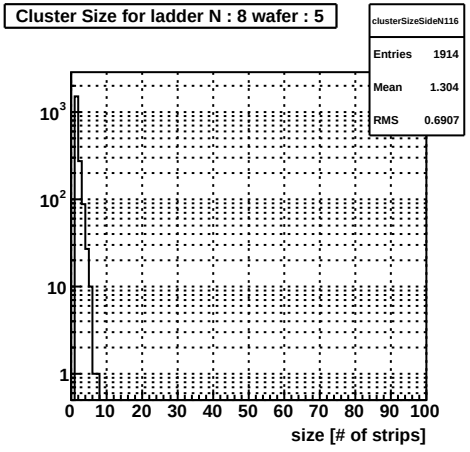

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4091
Mean 1.143
RMS 0.4729
size [# of strips]

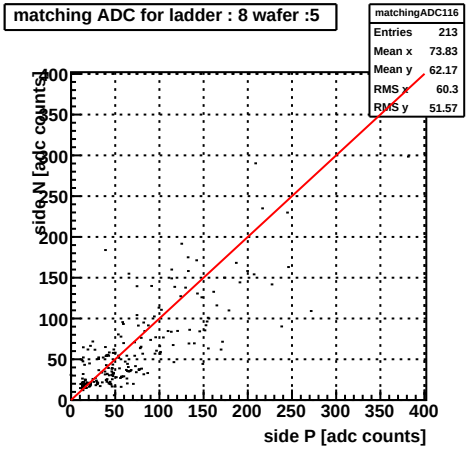

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 338
Mean x 57.28
Mean y 53.79
RMS x 55.74
RMS y 47.44
side N [adc counts]
side P [adc counts]

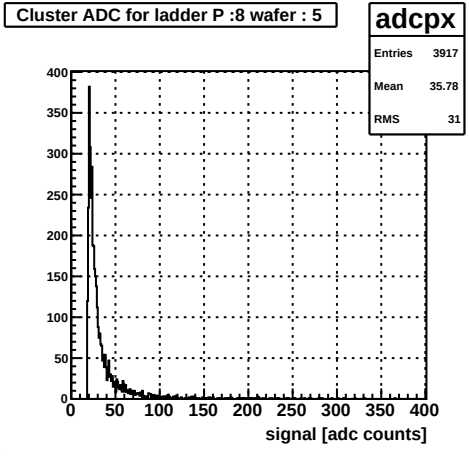

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 8108
Mean 26.86
RMS 22.11
signal [adc counts]

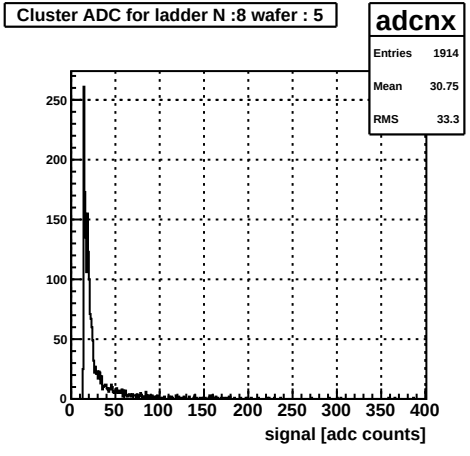

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4091
Mean 29.52
RMS 23.51
signal [adc counts]

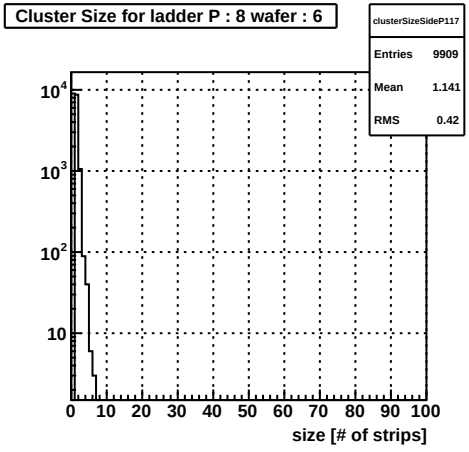

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3917
Mean 1.121
RMS 0.3977
size [# of strips]

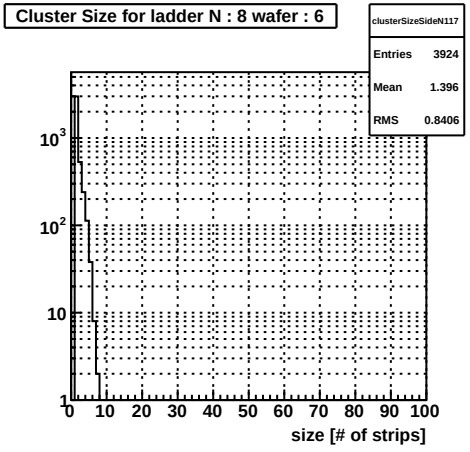

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1914
Mean 1.304
RMS 0.6907
size [# of strips]

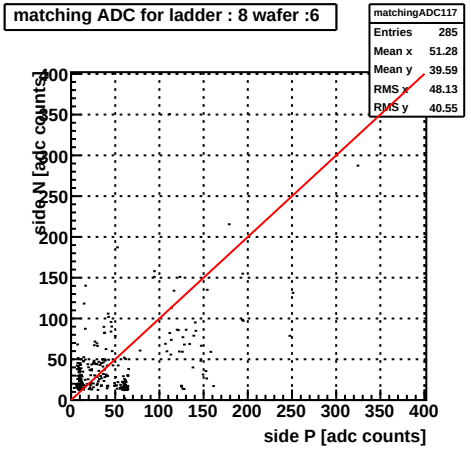

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 213
Mean x 73.83
Mean y 62.17
RMS x 60.3
RMS y 51.57
side N [adc counts]
side P [adc counts]

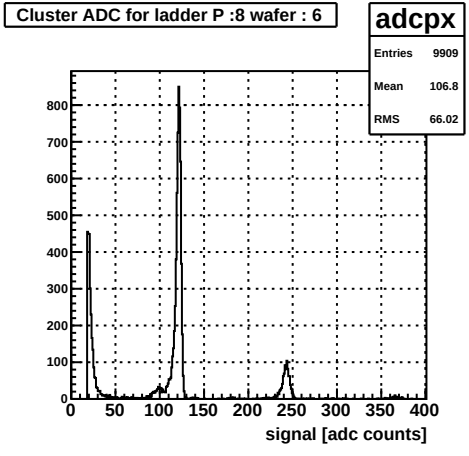

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3917
Mean 35.78
RMS 31
signal [adc counts]

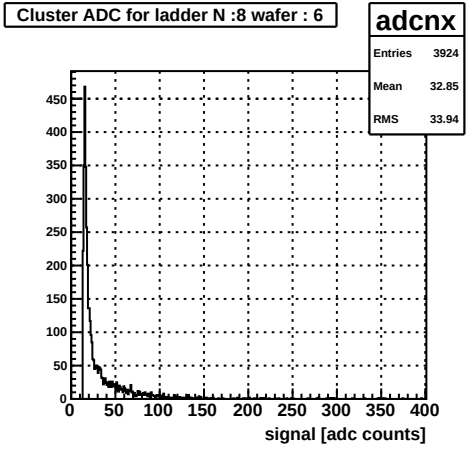

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1914
Mean 30.75
RMS 33.3
signal [adc counts]

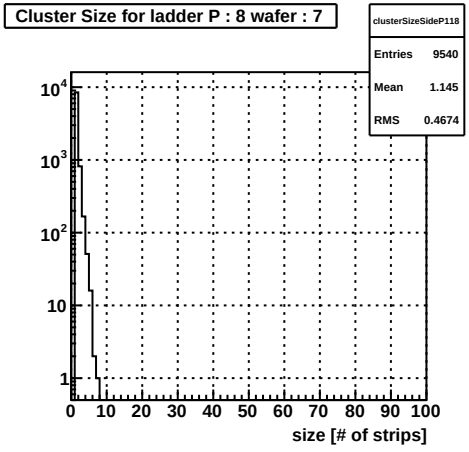

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9909
Mean 1.141
RMS 0.42
size [# of strips]

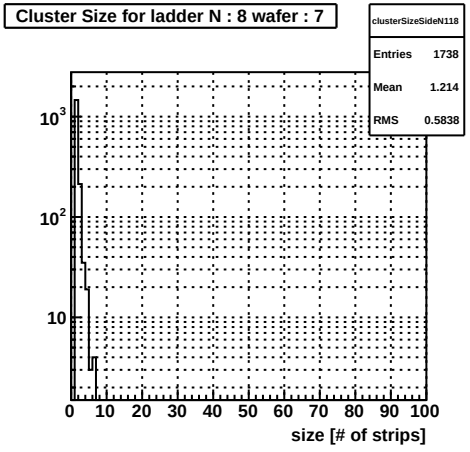

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 3924
Mean 1.396
RMS 0.8406
size [# of strips]

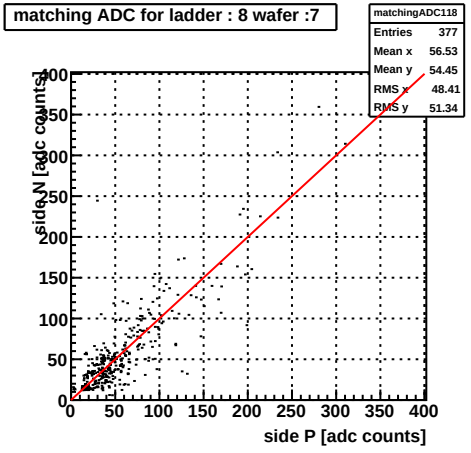

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 285
Mean x 51.28
Mean y 39.59
RMS x 48.13
RMS y 40.55
side N [adc counts]
side P [adc counts]

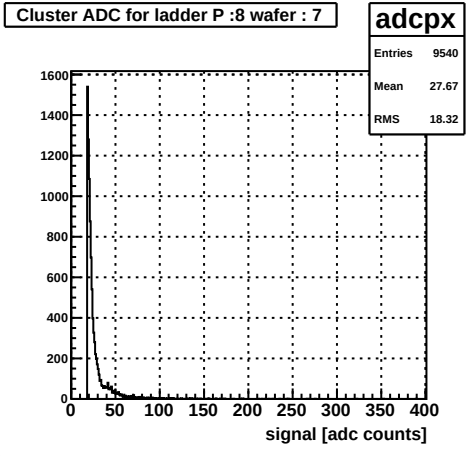

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9909
Mean 106.8
RMS 66.02
signal [adc counts]

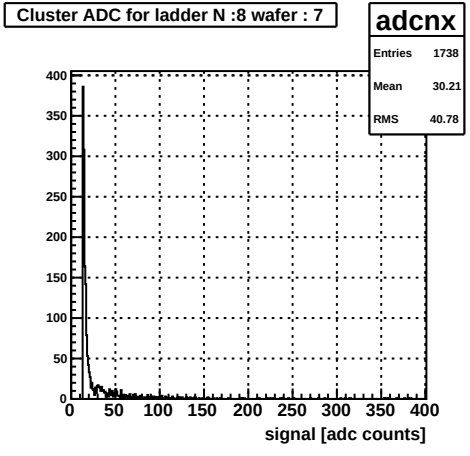

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 3924
Mean 32.85
RMS 33.94
signal [adc counts]

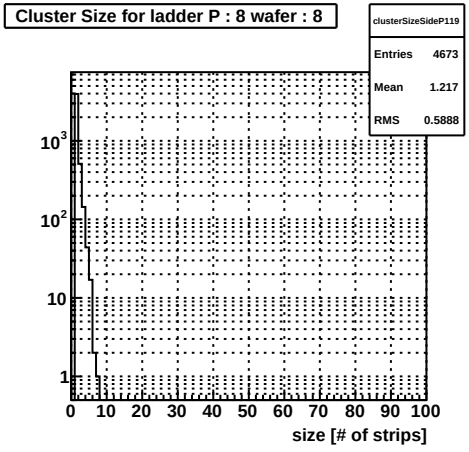

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 9540
Mean 1.145
RMS 0.4674
size [# of strips]

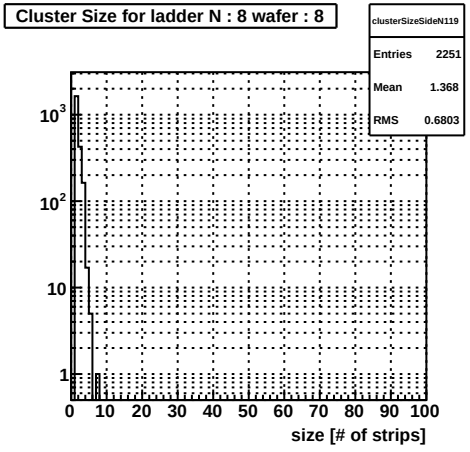

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1738
Mean 1.214
RMS 0.5838
size [# of strips]

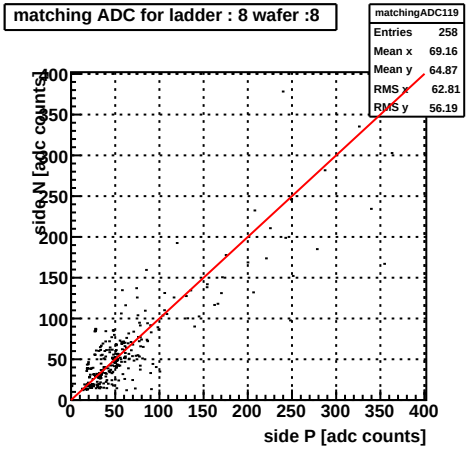

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 377
Mean x 56.53
Mean y 54.45
RMS x 48.41
RMS y 51.34
side N [adc counts]
side P [adc counts]

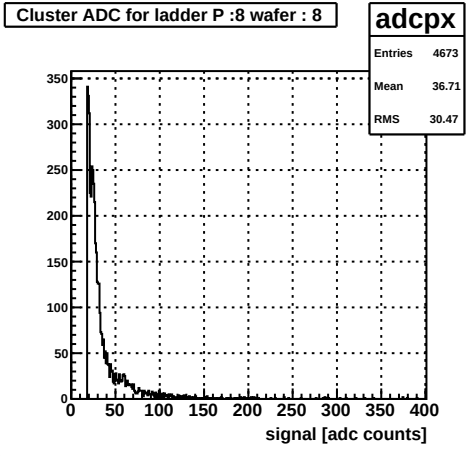

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 9540
Mean 27.67
RMS 18.32
signal [adc counts]

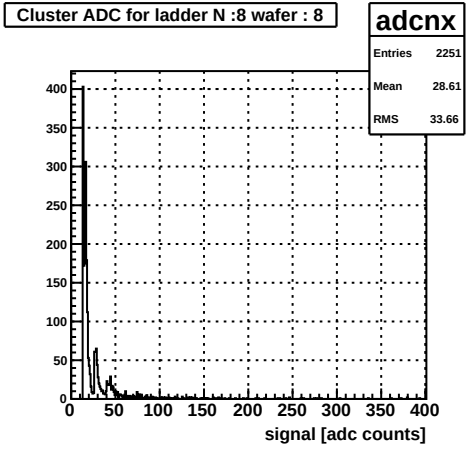

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1738
Mean 30.21
RMS 40.78
signal [adc counts]

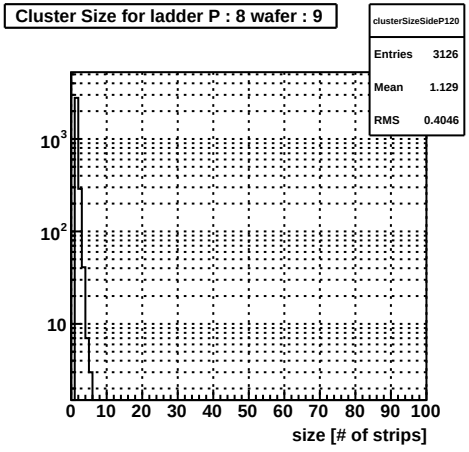

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4673
Mean 1.217
RMS 0.5888
size [# of strips]

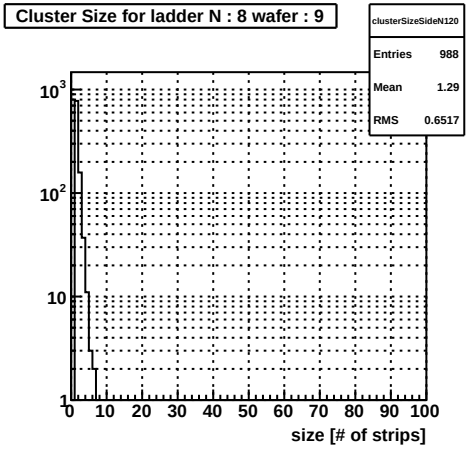

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2251
Mean 1.368
RMS 0.6803
size [# of strips]

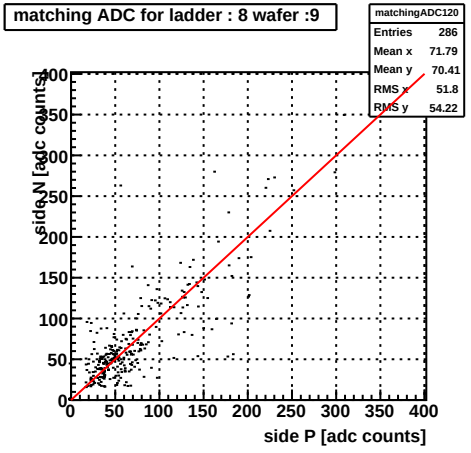

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 258
Mean x 69.16
Mean y 64.87
RMS x 62.81
RMS y 56.19
side N [adc counts]
side P [adc counts]

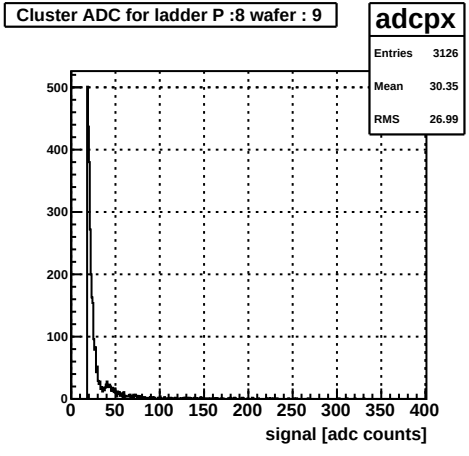

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4673
Mean 36.71
RMS 30.47
signal [adc counts]

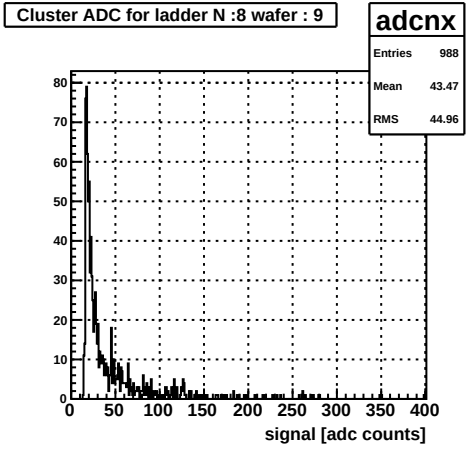

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2251
Mean 28.61
RMS 33.66
signal [adc counts]

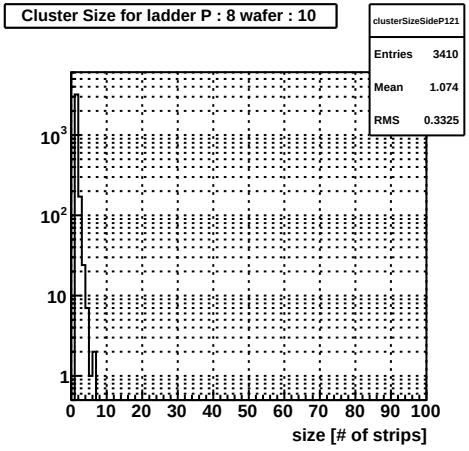

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3126
Mean 1.129
RMS 0.4046
size [# of strips]

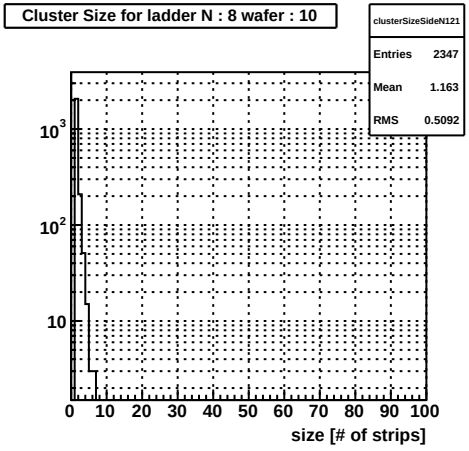

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 988
Mean 1.29
RMS 0.6517
size [# of strips]

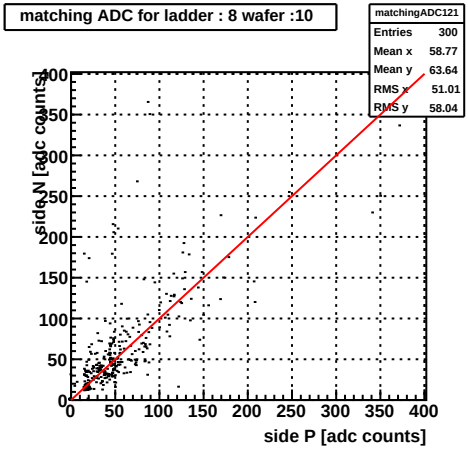

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 286
Mean x 71.79
Mean y 70.41
RMS x 51.8
RMS y 54.22
side N [adc counts]
side P [adc counts]

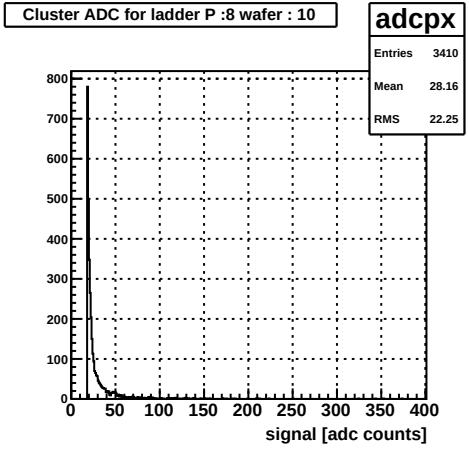

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3126
Mean 30.35
RMS 26.99
signal [adc counts]

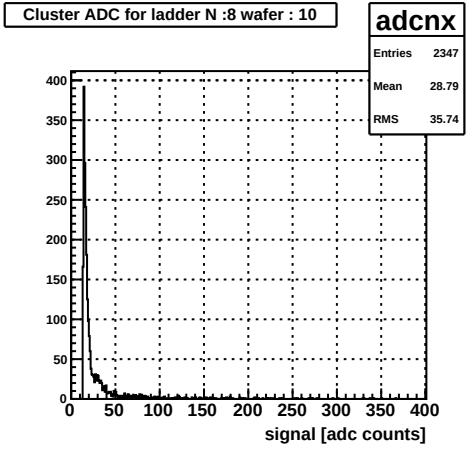

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 988
Mean 43.47
RMS 44.96
signal [adc counts]

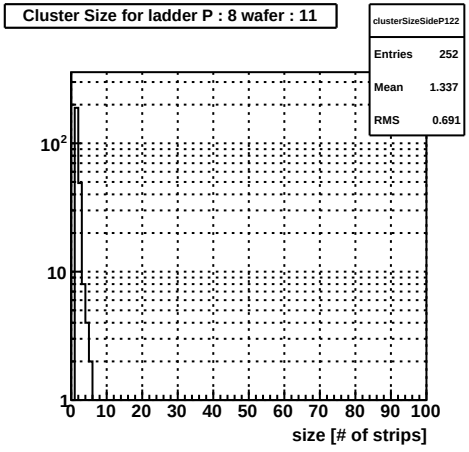

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3410
Mean 1.074
RMS 0.3325
size [# of strips]

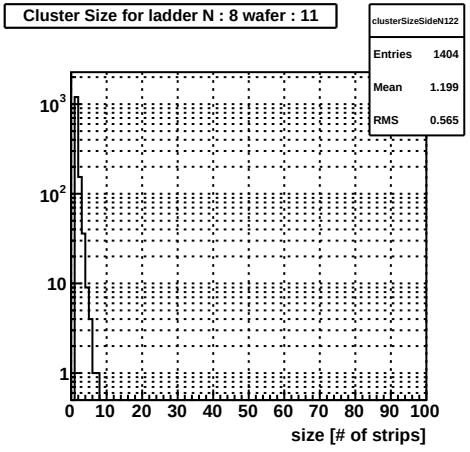

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2347
Mean 1.163
RMS 0.5092
size [# of strips]

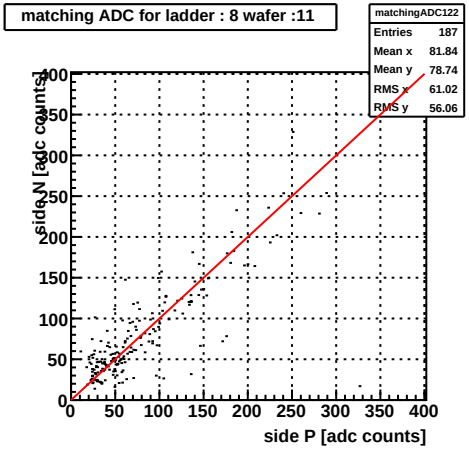

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 300
Mean x 58.77
Mean y 63.64
RMS x 51.01
RMS y 58.04
side N [adc counts]
side P [adc counts]

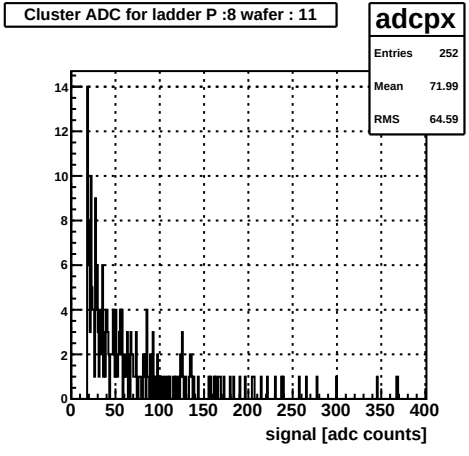

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3410
Mean 28.16
RMS 22.25
signal [adc counts]

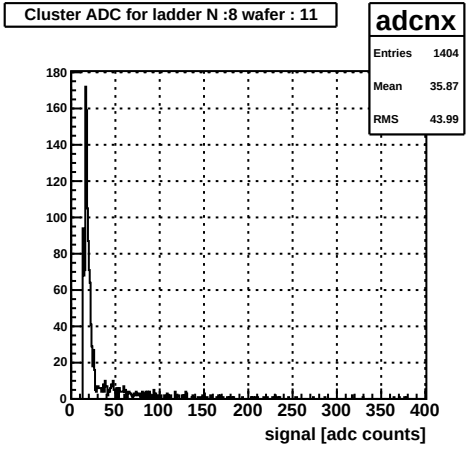

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2347
Mean 28.79
RMS 35.74
signal [adc counts]

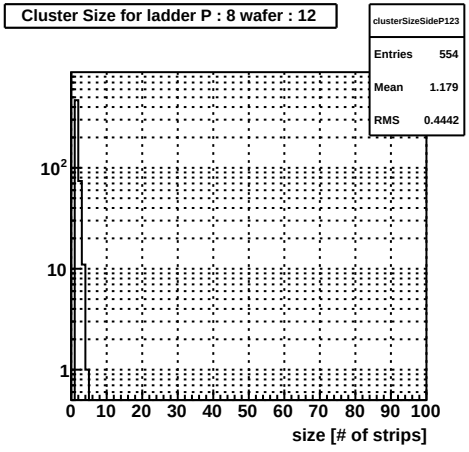

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 252
Mean 1.337
RMS 0.691
size [# of strips]

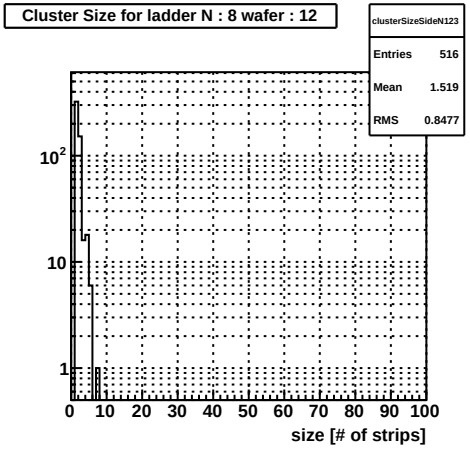

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1404
Mean 1.199
RMS 0.565
size [# of strips]

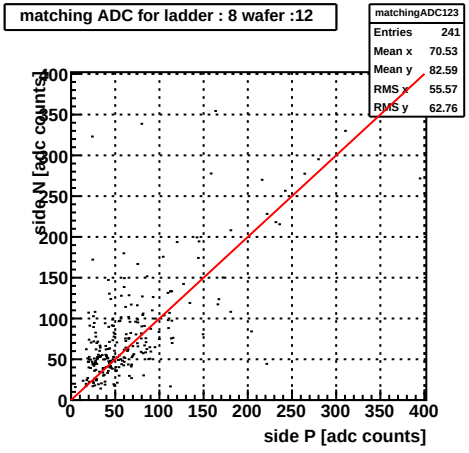

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 187
Mean x 81.84
Mean y 78.74
RMS x 61.02
RMS y 56.06
side N [adc counts]
side P [adc counts]

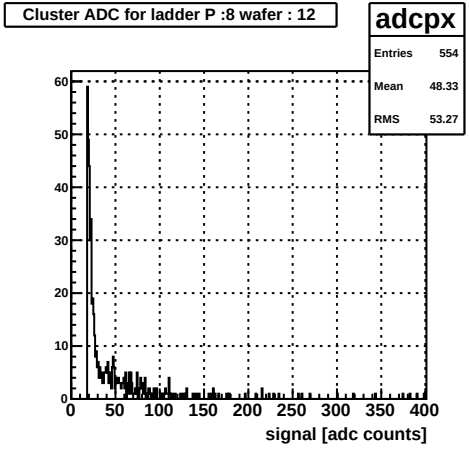

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 252
Mean 71.99
RMS 64.59
signal [adc counts]

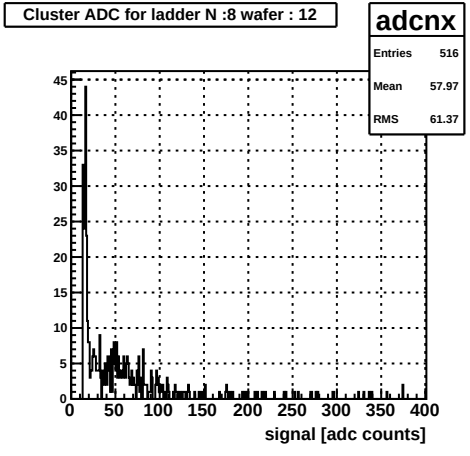

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1404
Mean 35.87
RMS 43.99
signal [adc counts]

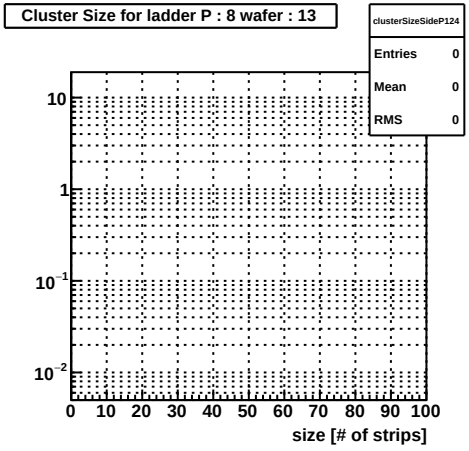

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 554
Mean 1.179
RMS 0.4442
size [# of strips]

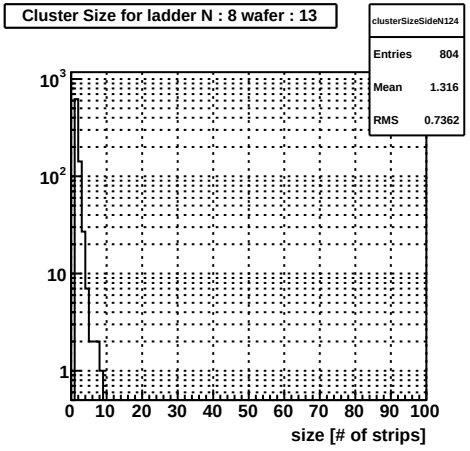

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 516
Mean 1.519
RMS 0.8477
size [# of strips]

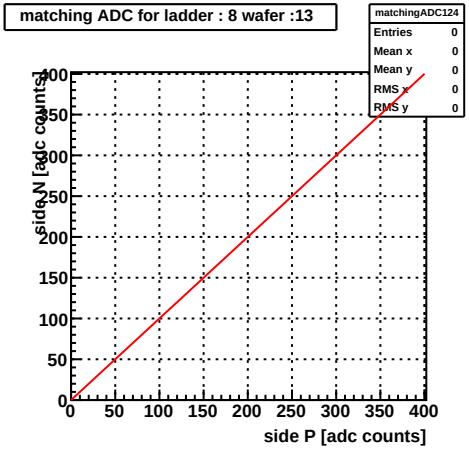

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 241
Mean x 70.53
Mean y 82.59
RMS x 55.57
RMS y 62.76
side N [adc counts]
side P [adc counts]

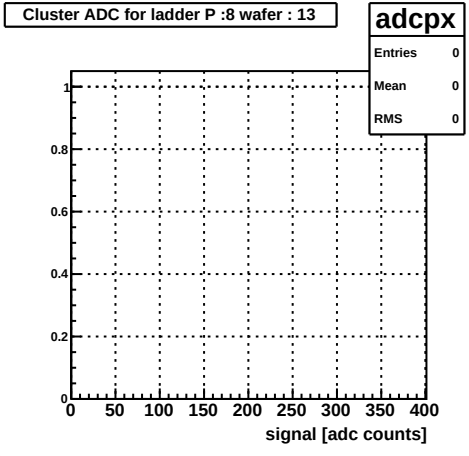

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 554
Mean 48.33
RMS 53.27
signal [adc counts]

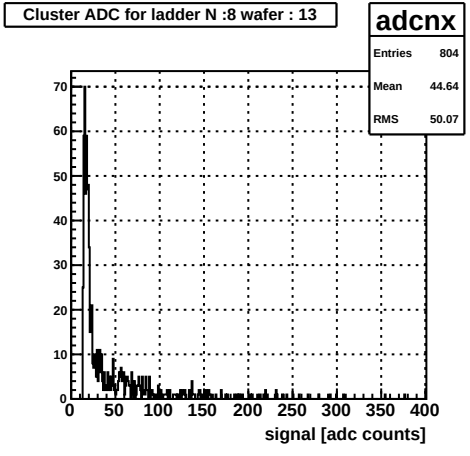

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 516
Mean 57.97
RMS 61.37
signal [adc counts]

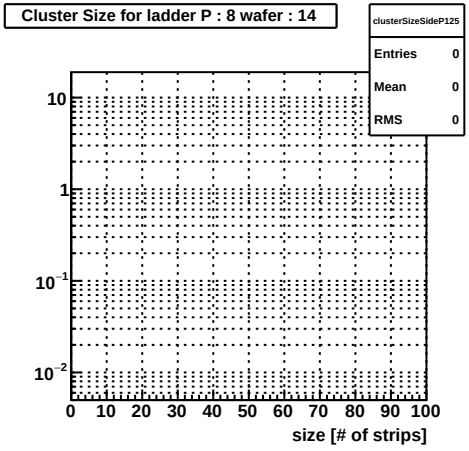

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

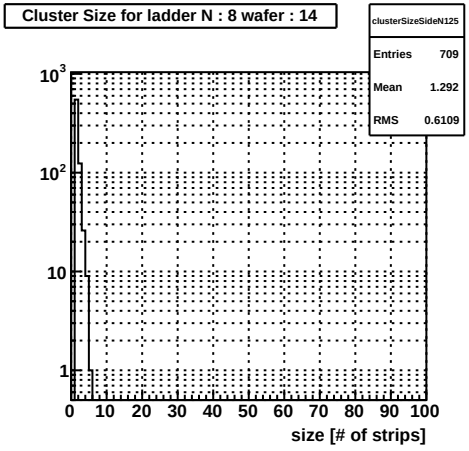

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 804
Mean 1.316
RMS 0.7362
size [# of strips]

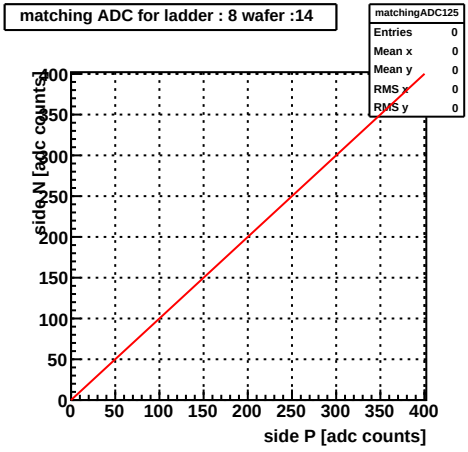

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

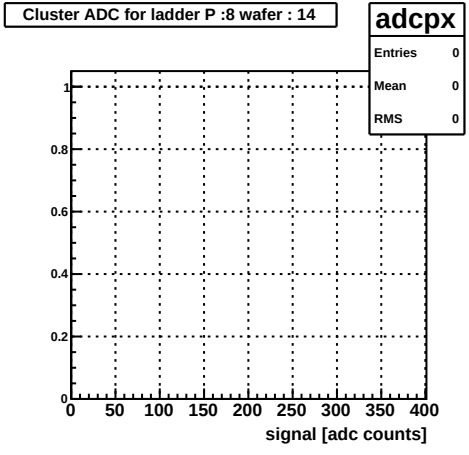

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

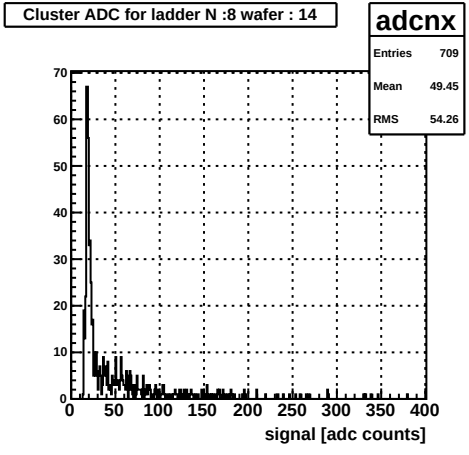

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 804
Mean 44.64
RMS 50.07
signal [adc counts]

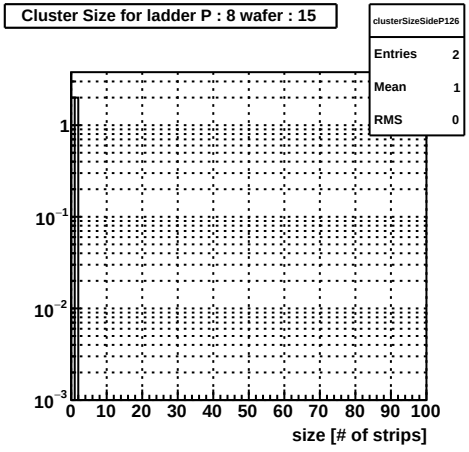

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

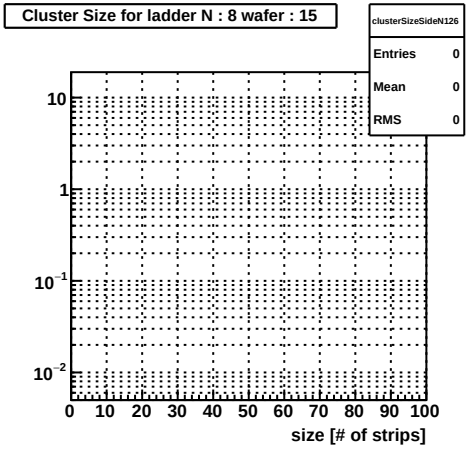

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 709
Mean 1.292
RMS 0.6109
size [# of strips]

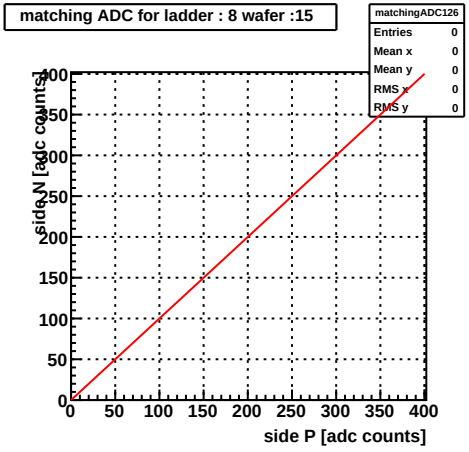

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

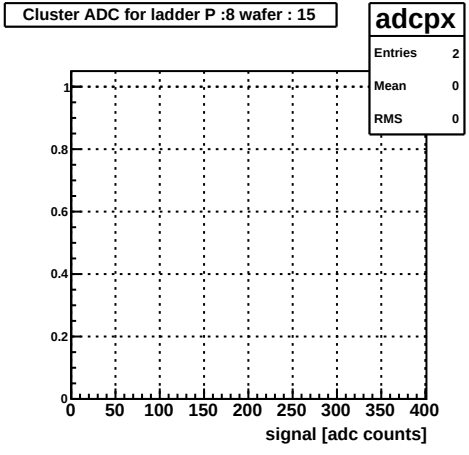

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

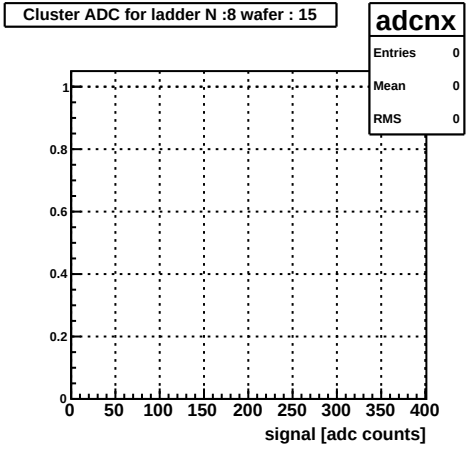

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 709
Mean 49.45
RMS 54.26
signal [adc counts]

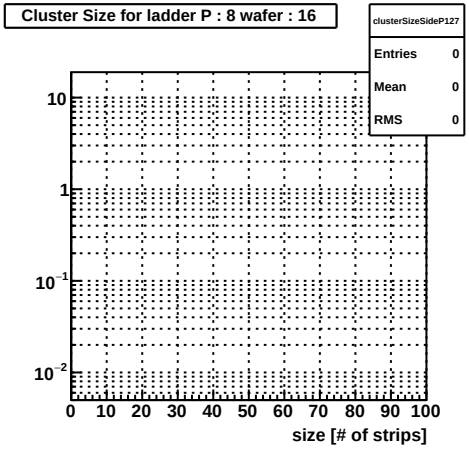

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

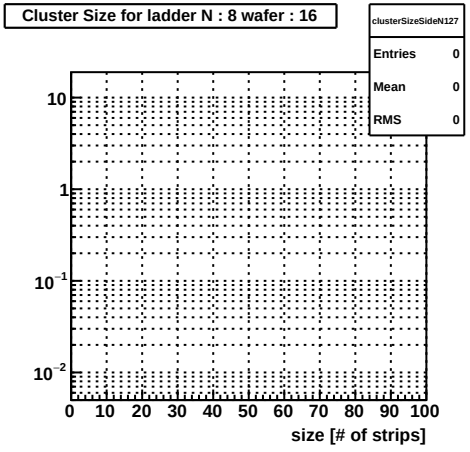

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

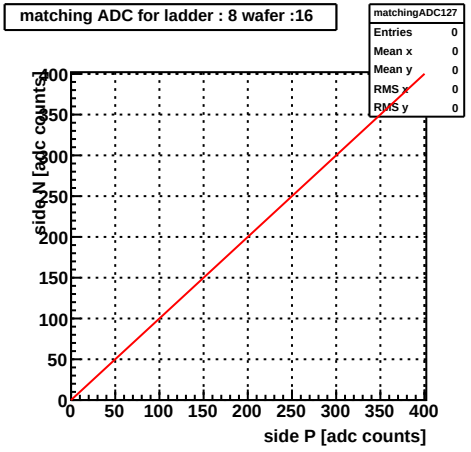

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

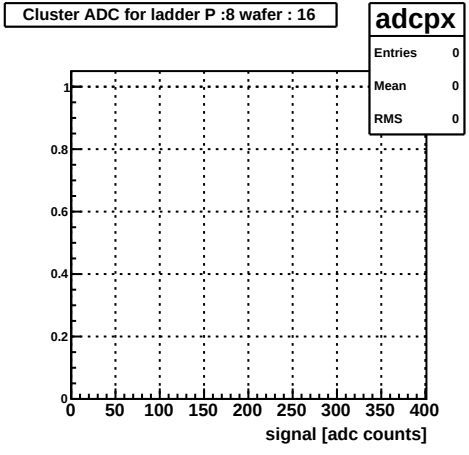

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

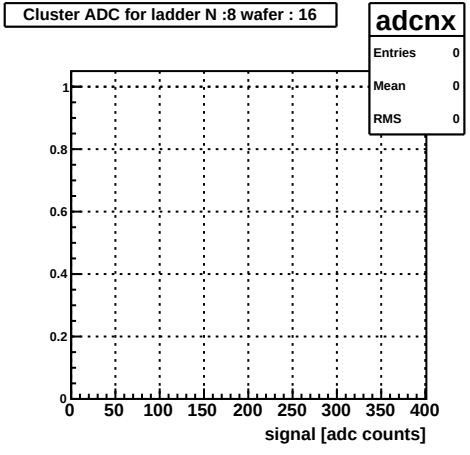

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

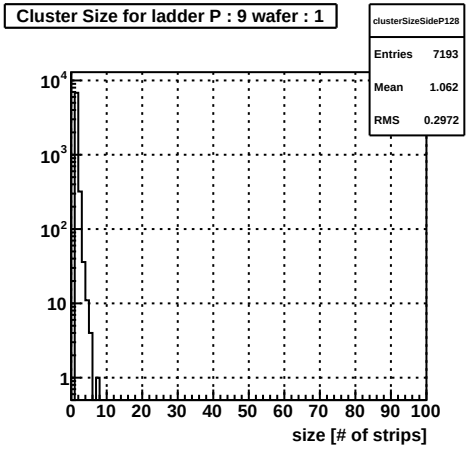

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

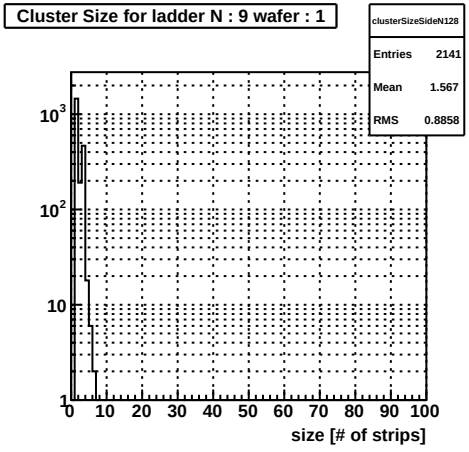

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

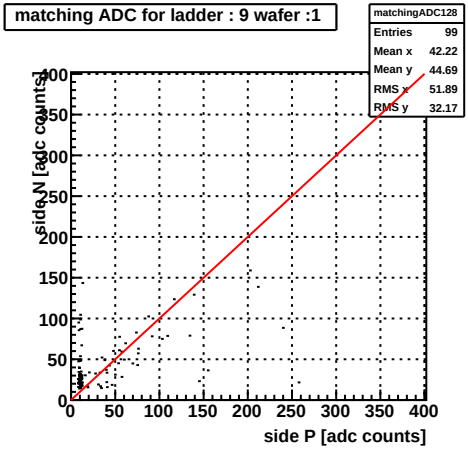

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

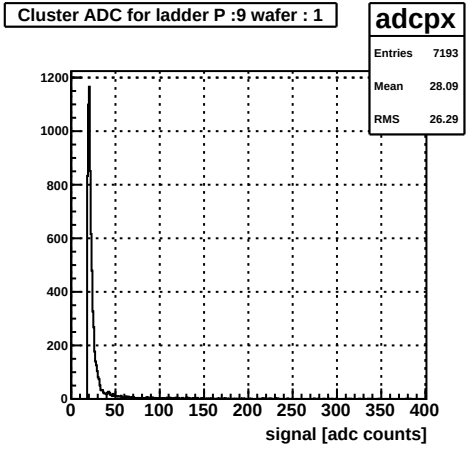

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

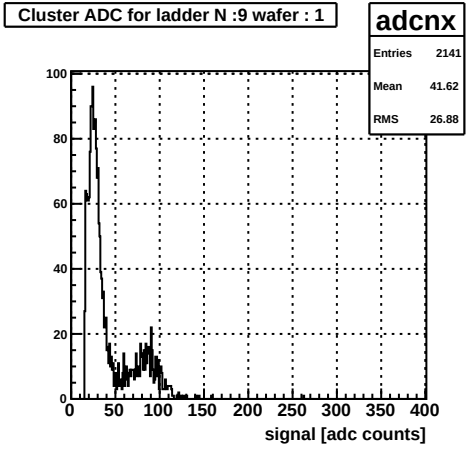

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

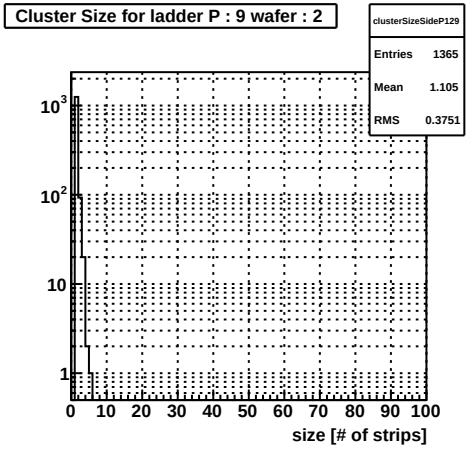

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7193
Mean 1.062
RMS 0.2972
size [# of strips]

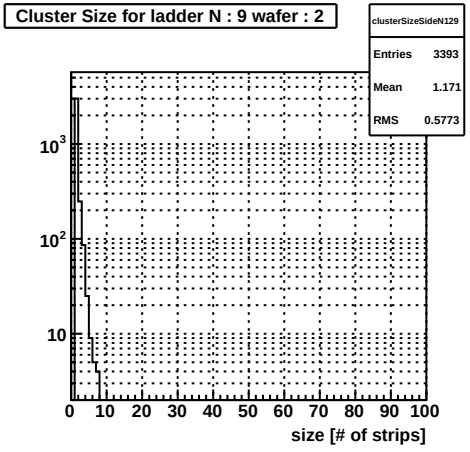

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2141
Mean 1.567
RMS 0.8858
size [# of strips]

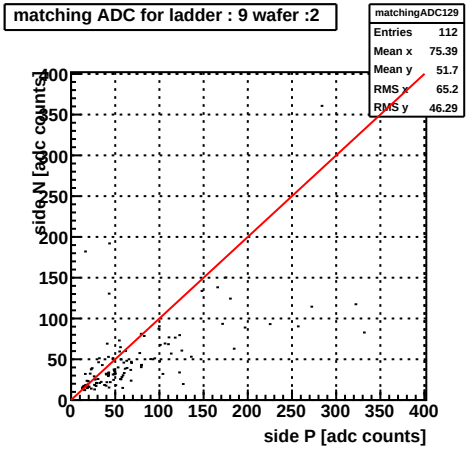

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 99
Mean x 42.22
Mean y 44.69
RMS x 51.89
RMS y 32.17
side N [adc counts]
side P [adc counts]

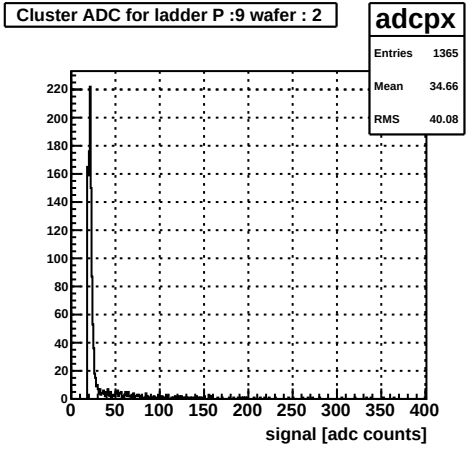

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7193
Mean 28.09
RMS 26.29
signal [adc counts]

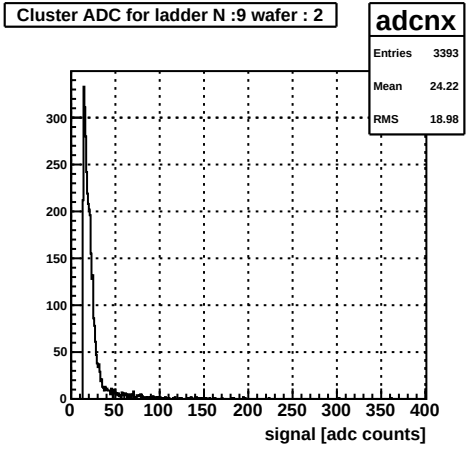

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2141
Mean 41.62
RMS 26.88
signal [adc counts]

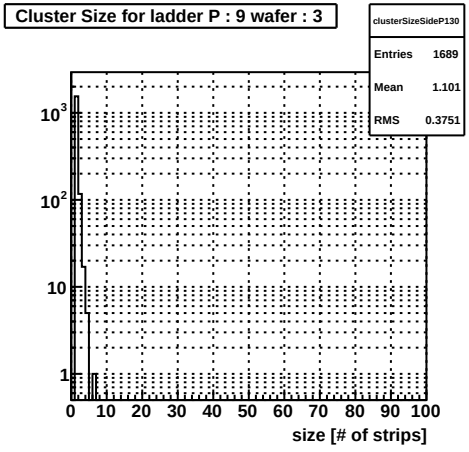

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1365
Mean 1.105
RMS 0.3751
size [# of strips]

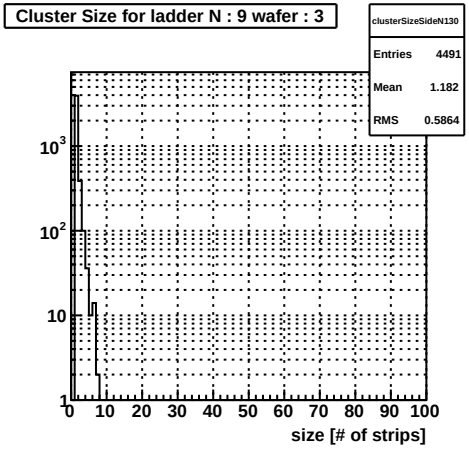

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3393
Mean 1.171
RMS 0.5773
size [# of strips]

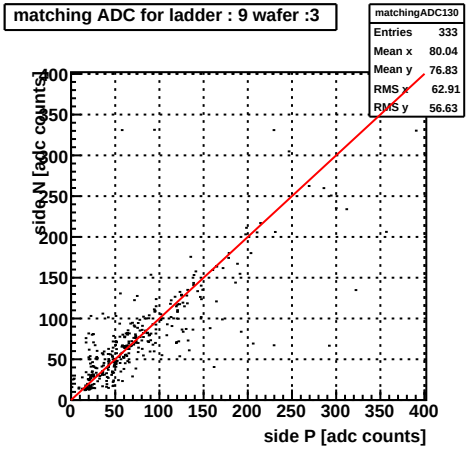

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 112
Mean x 75.39
Mean y 51.7
RMS x 65.2
RMS y 46.29
side N [adc counts]
side P [adc counts]

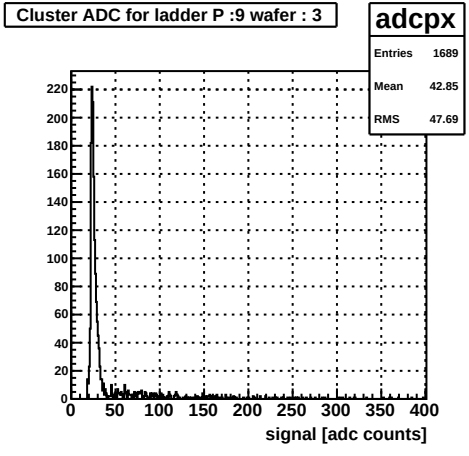

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1365
Mean 34.66
RMS 40.08
signal [adc counts]

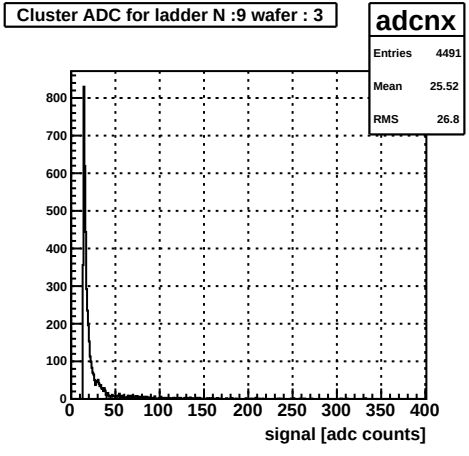

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3393
Mean 24.22
RMS 18.98
signal [adc counts]

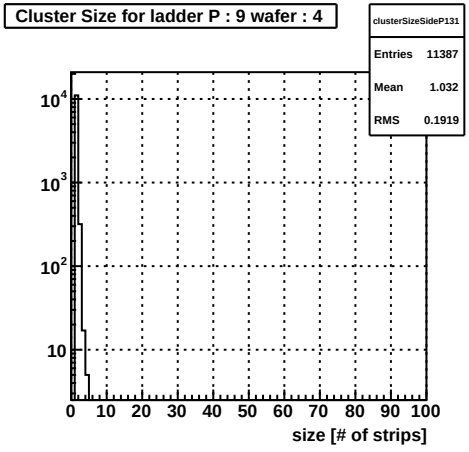

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1689
Mean 1.101
RMS 0.3751
size [# of strips]

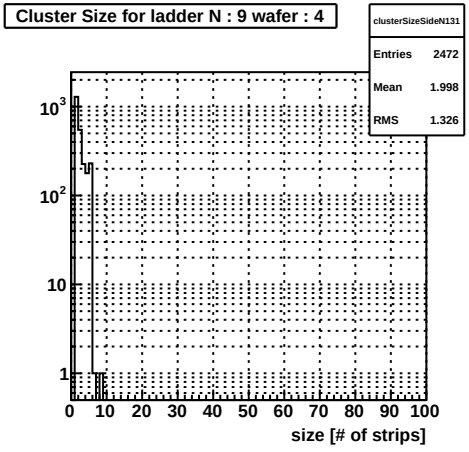

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4491
Mean 1.182
RMS 0.5864
size [# of strips]

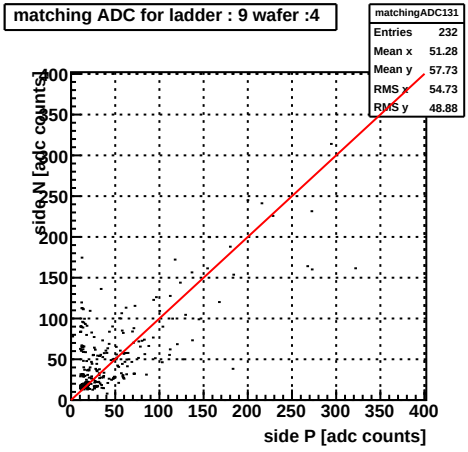

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 333
Mean x 80.04
Mean y 76.83
RMS x 62.91
RMS y 56.63
side N [adc counts]
side P [adc counts]

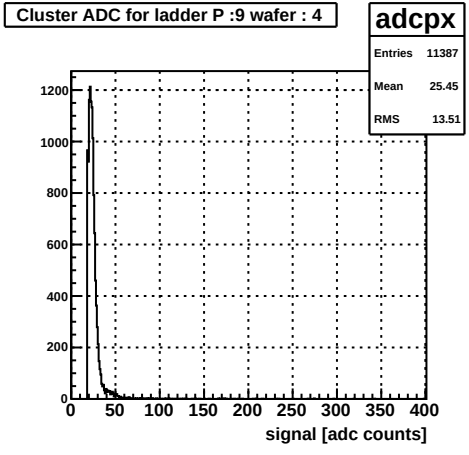

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1689
Mean 42.85
RMS 47.69
signal [adc counts]

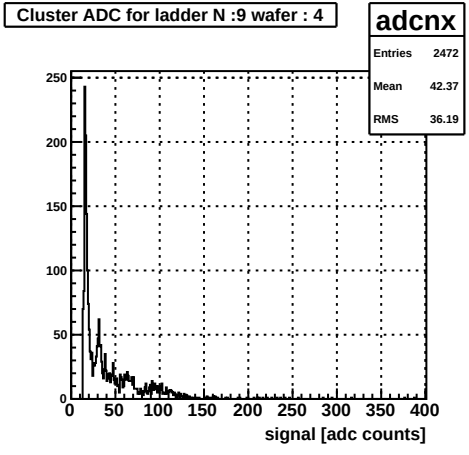

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4491
Mean 25.52
RMS 26.8
signal [adc counts]

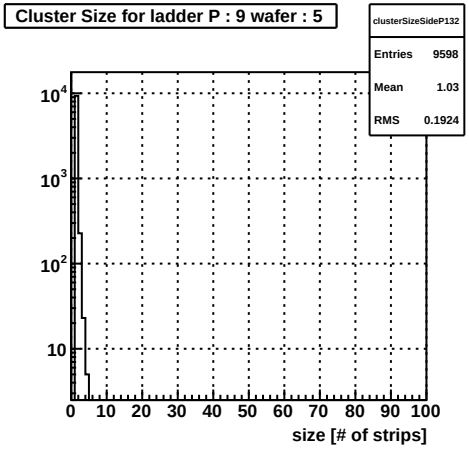

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11387
Mean 1.032
RMS 0.1919
size [# of strips]

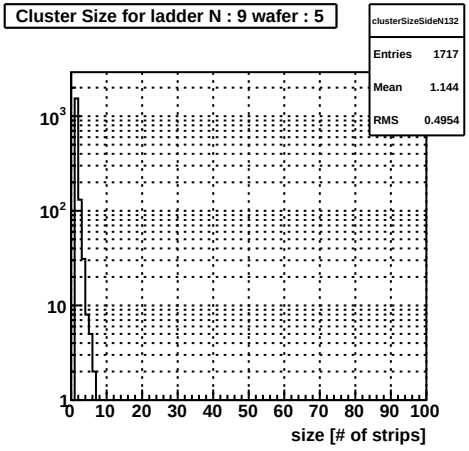

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2472
Mean 1.998
RMS 1.326
size [# of strips]

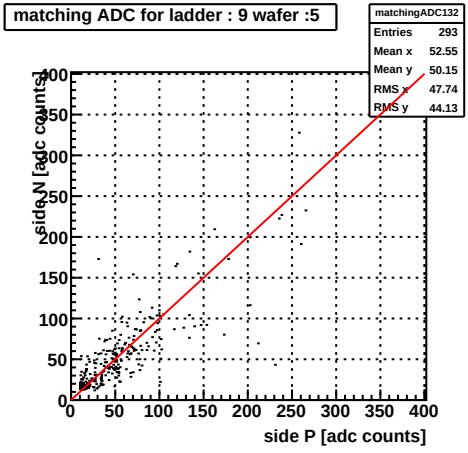

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 232
Mean x 51.28
Mean y 57.73
RMS x 54.73
RMS y 48.88
side N [adc counts]
side P [adc counts]

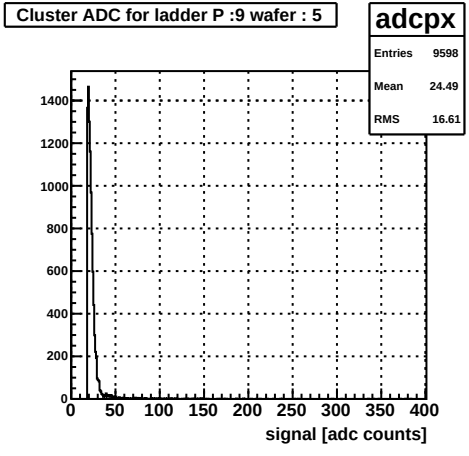

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11387
Mean 25.45
RMS 13.51
signal [adc counts]

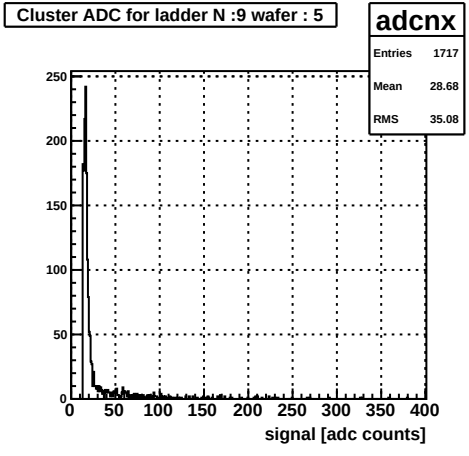

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2472
Mean 42.37
RMS 36.19
signal [adc counts]

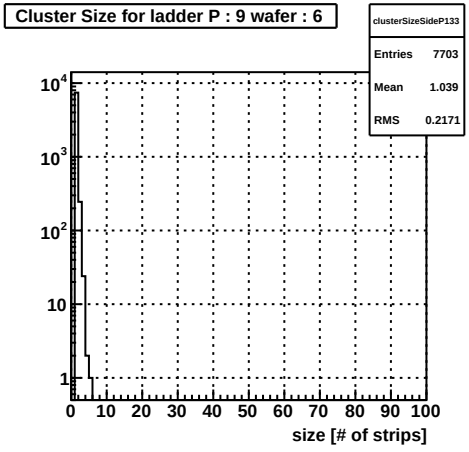

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9598
Mean 1.03
RMS 0.1924
size [# of strips]

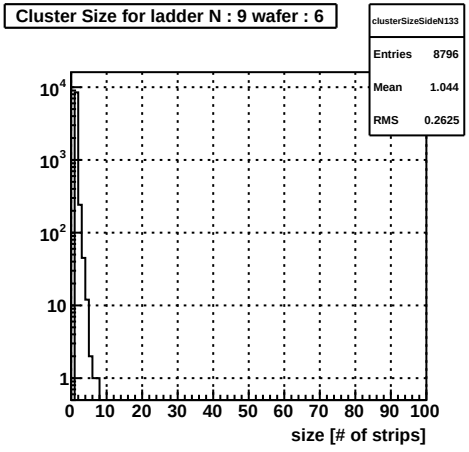

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1717
Mean 1.144
RMS 0.4954
size [# of strips]

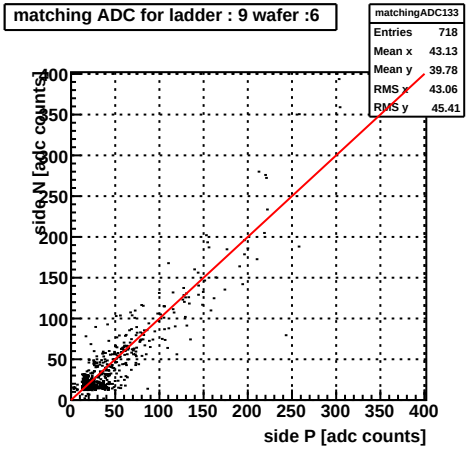

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 293
Mean x 52.55
Mean y 50.15
RMS x 47.74
RMS y 44.13
side N [adc counts]
side P [adc counts]

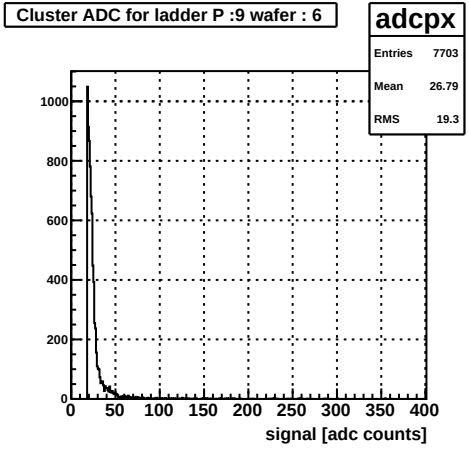

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9598
Mean 24.49
RMS 16.61
signal [adc counts]

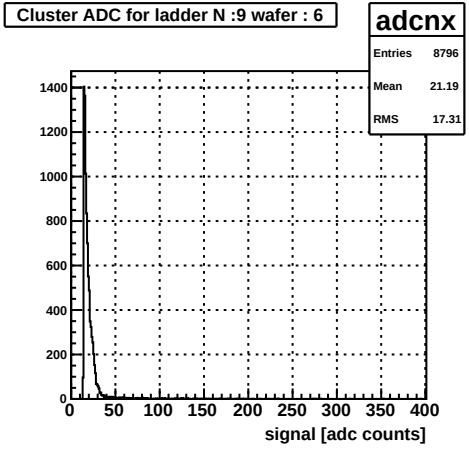

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1717
Mean 28.68
RMS 35.08
signal [adc counts]

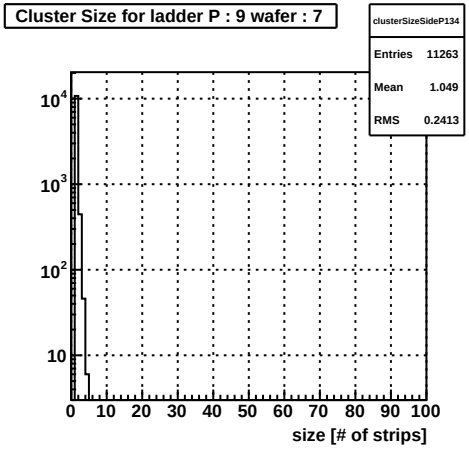

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 7703
Mean 1.039
RMS 0.2171
size [# of strips]

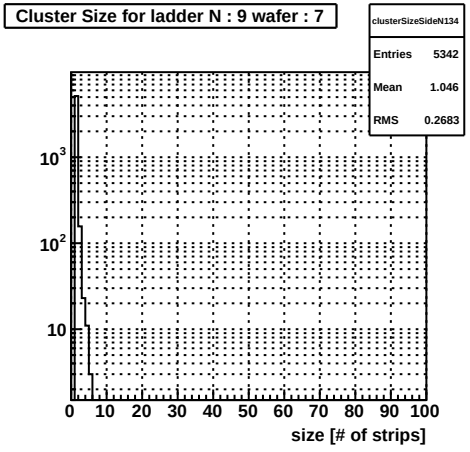

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 8796
Mean 1.044
RMS 0.2625
size [# of strips]

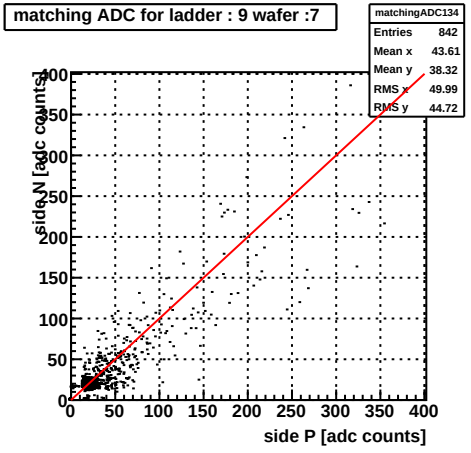

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 718
Mean x 43.13
Mean y 39.78
RMS x 43.06
RMS y 45.41
side N [adc counts]
side P [adc counts]

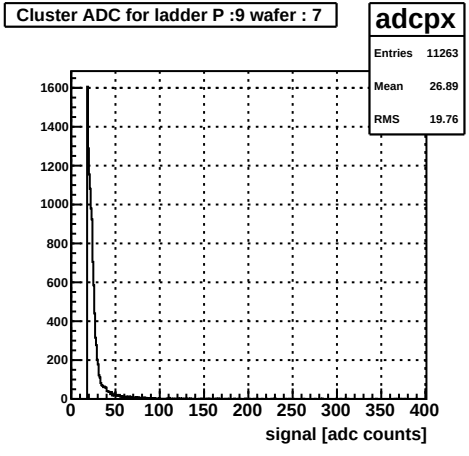

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 7703
Mean 26.79
RMS 19.3
signal [adc counts]

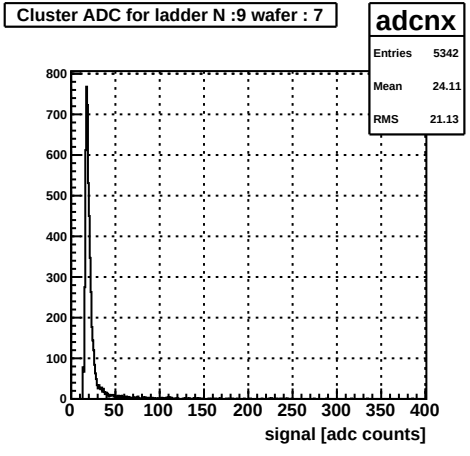

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 8796
Mean 21.19
RMS 17.31
signal [adc counts]

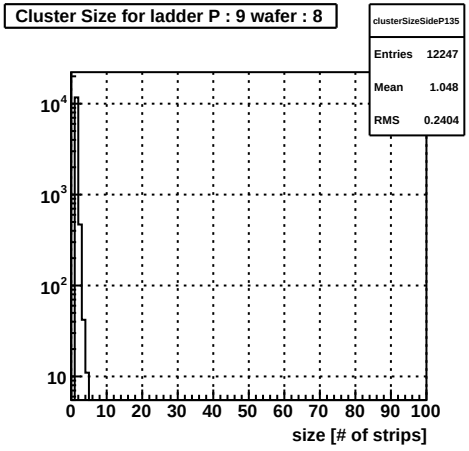

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 11263
Mean 1.049
RMS 0.2413
size [# of strips]

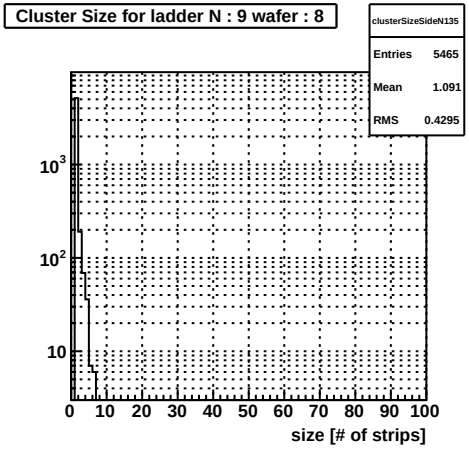

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 5342
Mean 1.046
RMS 0.2683
size [# of strips]

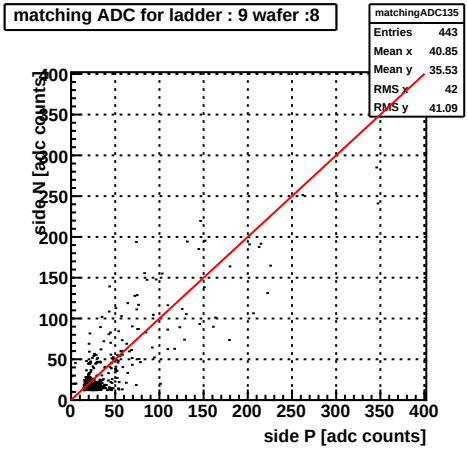

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 842
Mean x 43.61
Mean y 38.32
RMS x 49.99
RMS y 44.72
side N [adc counts]
side P [adc counts]

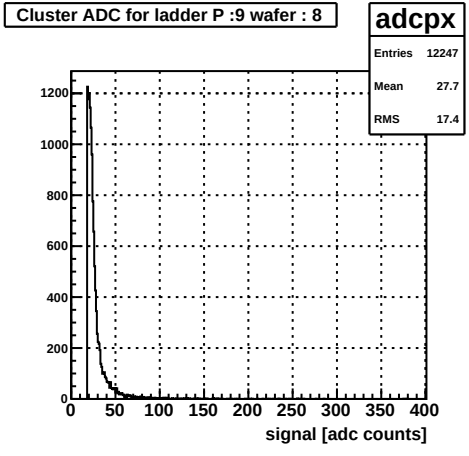

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 11263
Mean 26.89
RMS 19.76
signal [adc counts]

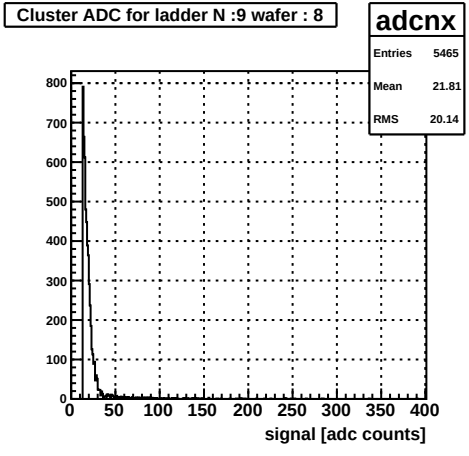

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 5342
Mean 24.11
RMS 21.13
signal [adc counts]

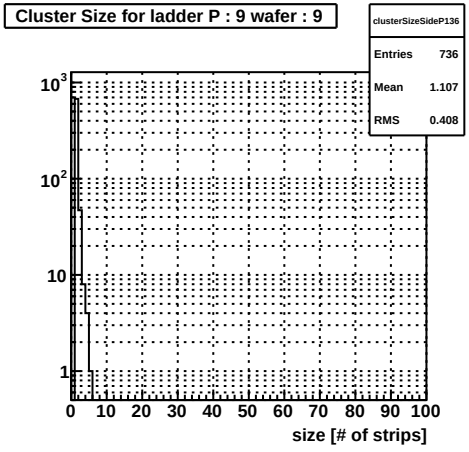

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 12247
Mean 1.048
RMS 0.2404
size [# of strips]

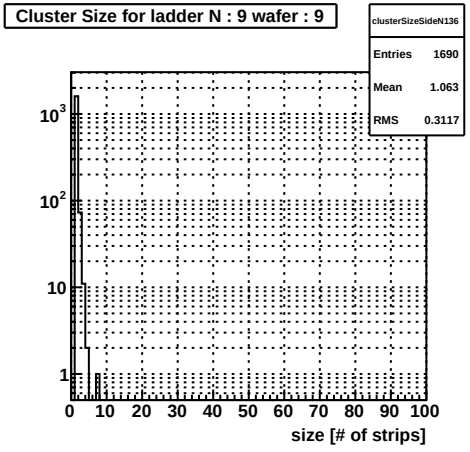

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5465
Mean 1.091
RMS 0.4295
size [# of strips]

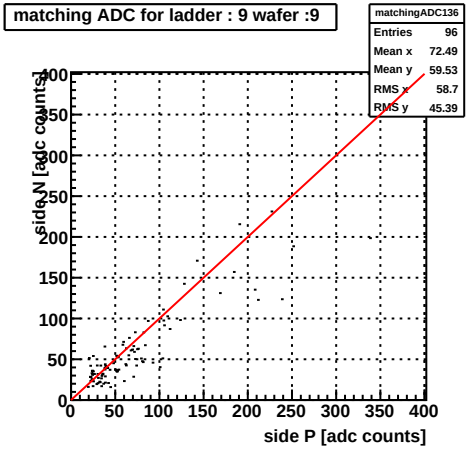

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 443
Mean x 40.85
Mean y 35.53
RMS x 42
RMS y 41.09
side N [adc counts]
side P [adc counts]

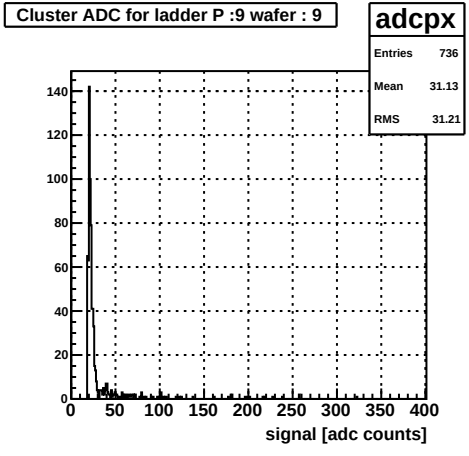

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 12247
Mean 27.7
RMS 17.4
signal [adc counts]

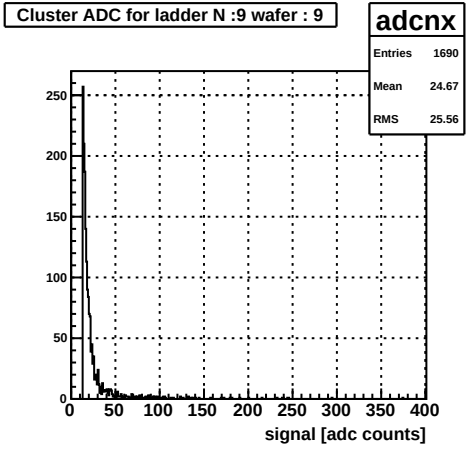

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5465
Mean 21.81
RMS 20.14
signal [adc counts]

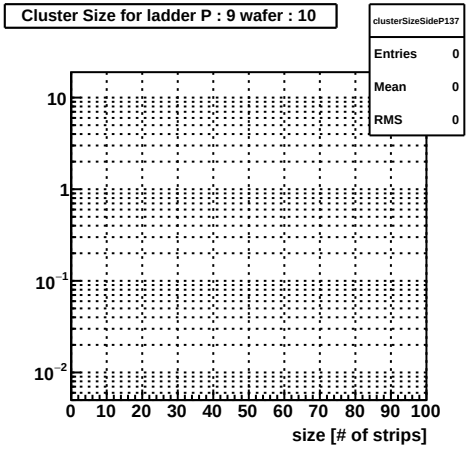

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 736
Mean 1.107
RMS 0.408
size [# of strips]

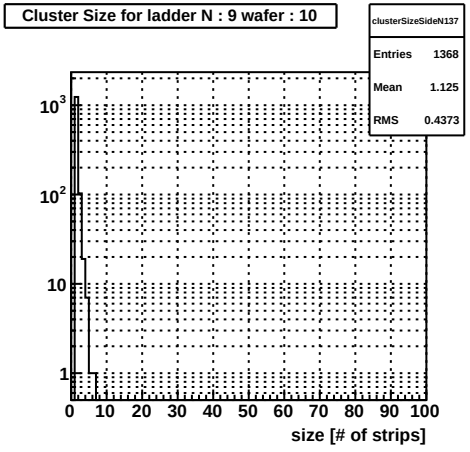

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1690
Mean 1.063
RMS 0.3117
size [# of strips]

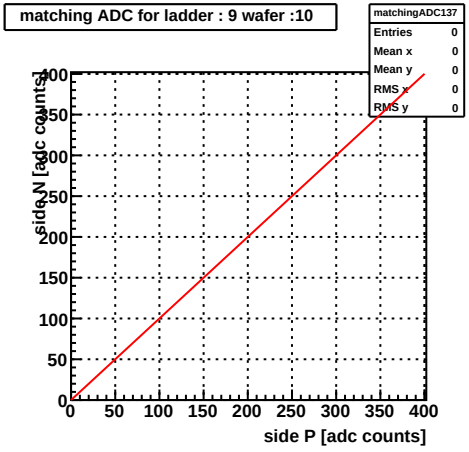

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 96
Mean x 72.49
Mean y 59.53
RMS x 58.7
RMS y 45.39
side N [adc counts]
side P [adc counts]

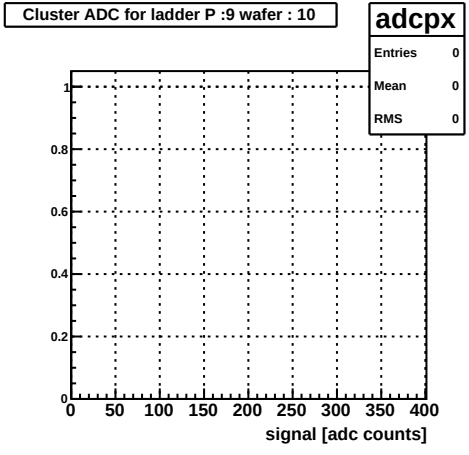

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 736
Mean 31.13
RMS 31.21
signal [adc counts]

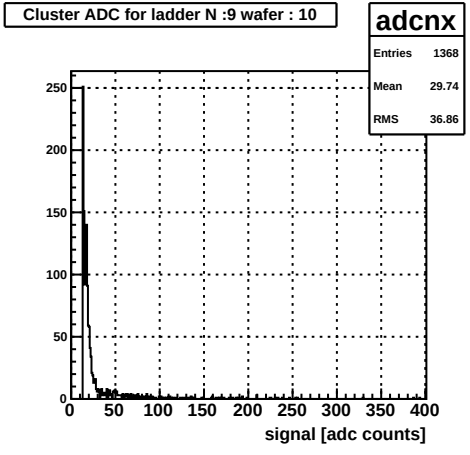

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1690
Mean 24.67
RMS 25.56
signal [adc counts]

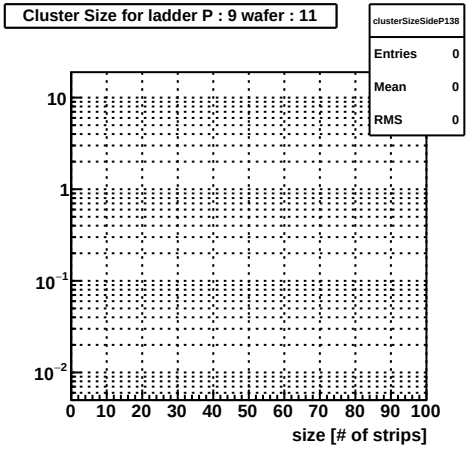

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

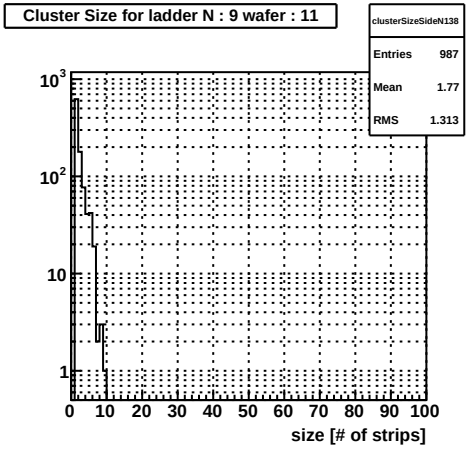

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1368
Mean 1.125
RMS 0.4373
size [# of strips]

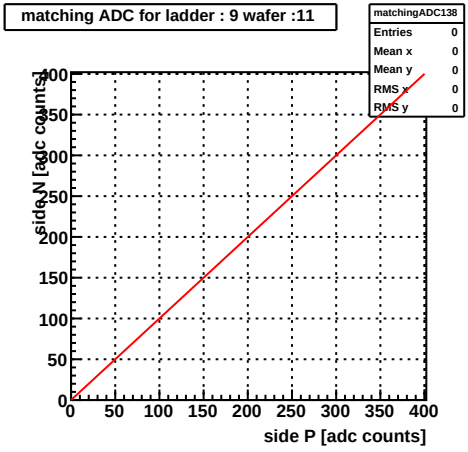

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

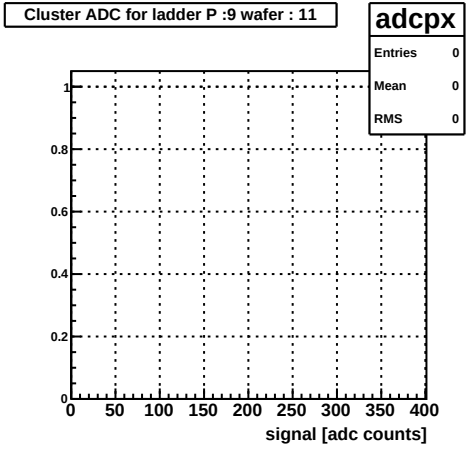

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

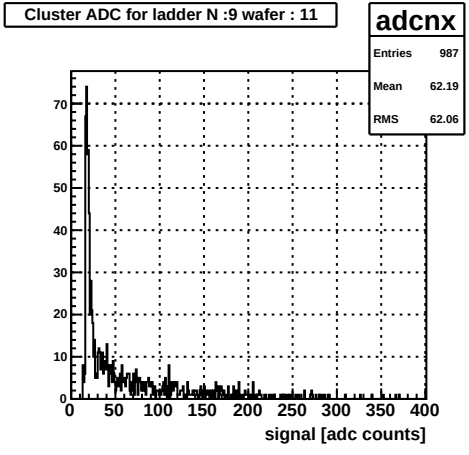

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1368
Mean 29.74
RMS 36.86
signal [adc counts]

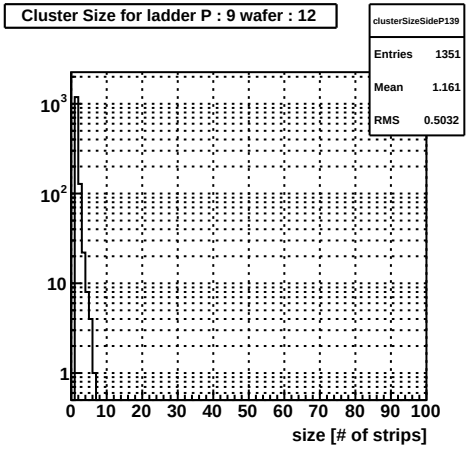

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

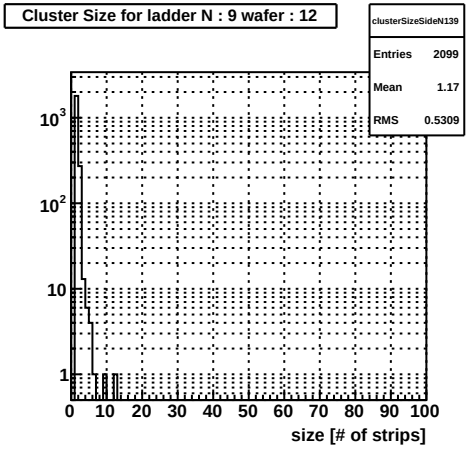

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 987
Mean 1.77
RMS 1.313
size [# of strips]

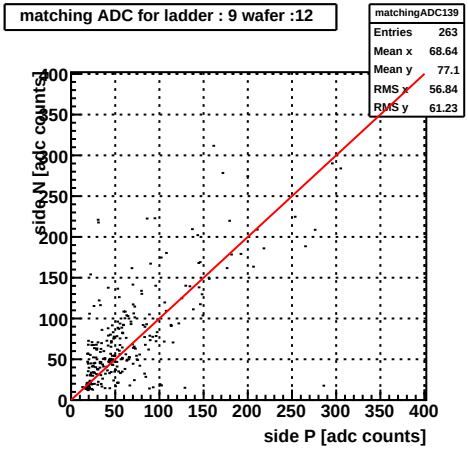

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

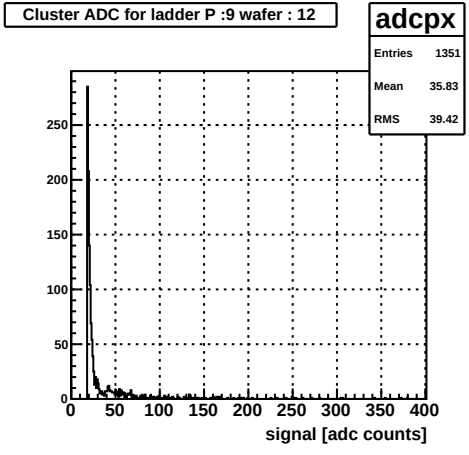

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

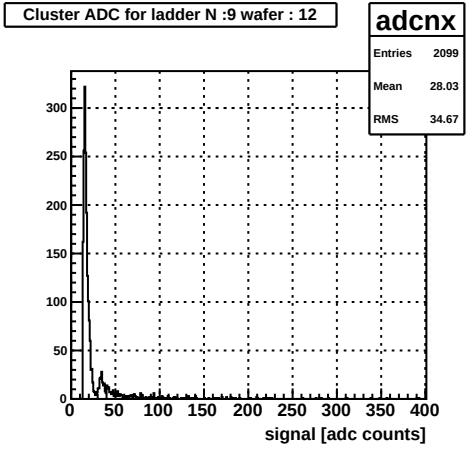

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 987
Mean 62.19
RMS 62.06
signal [adc counts]

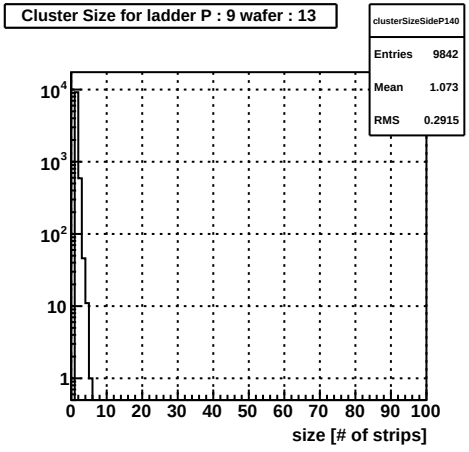

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1351
Mean 1.161
RMS 0.5032
size [# of strips]

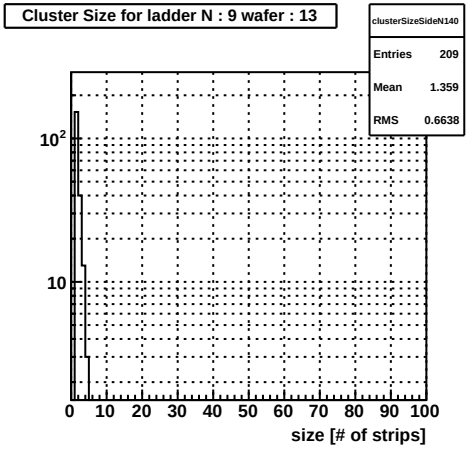

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2099
Mean 1.17
RMS 0.5309
size [# of strips]

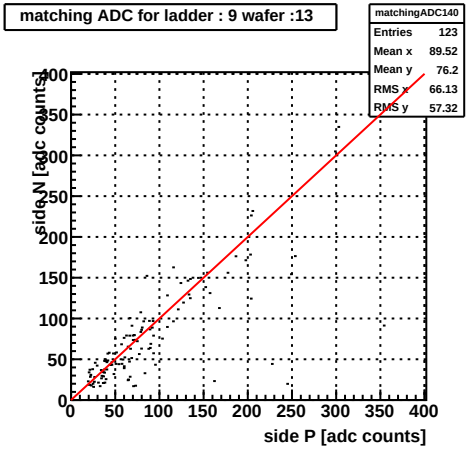

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 263
Mean x 68.64
Mean y 77.1
RMS x 56.84
RMS y 61.23
side N [adc counts]
side P [adc counts]

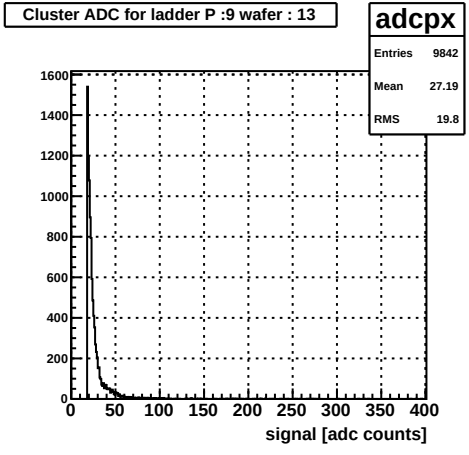

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1351
Mean 35.83
RMS 39.42
signal [adc counts]

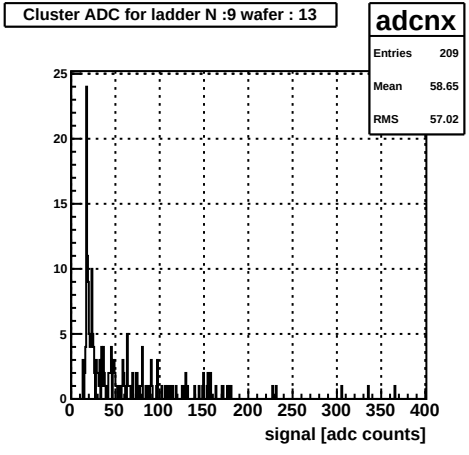

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2099
Mean 28.03
RMS 34.67
signal [adc counts]

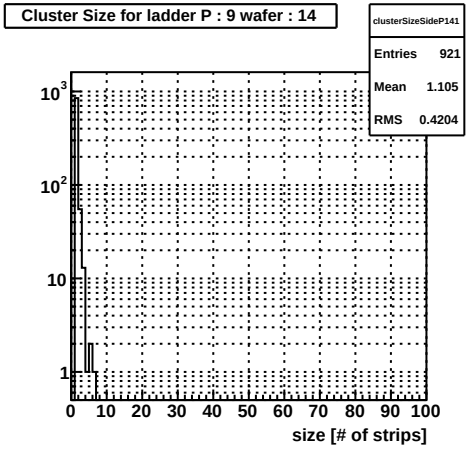

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 9842
Mean 1.073
RMS 0.2915
size [# of strips]

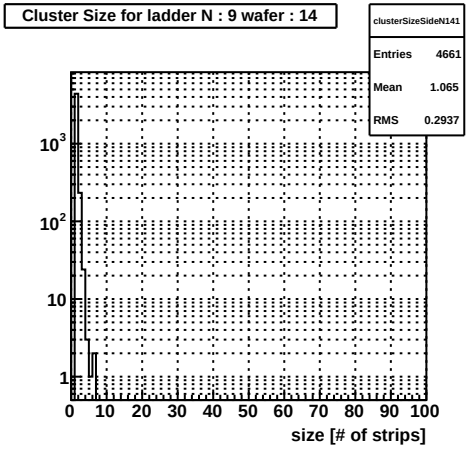

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 209
Mean 1.359
RMS 0.6638
size [# of strips]

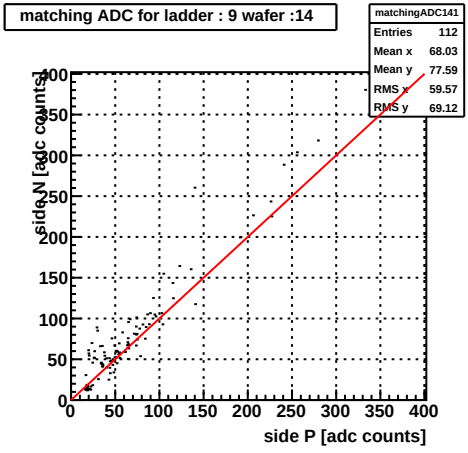

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 123
Mean x 89.52
Mean y 76.2
RMS x 66.13
RMS y 57.32
side N [adc counts]
side P [adc counts]

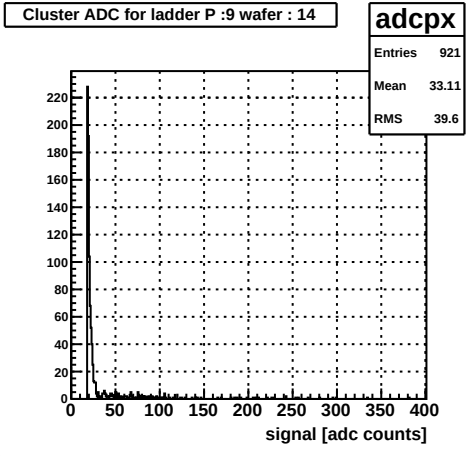

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 9842
Mean 27.19
RMS 19.8
signal [adc counts]

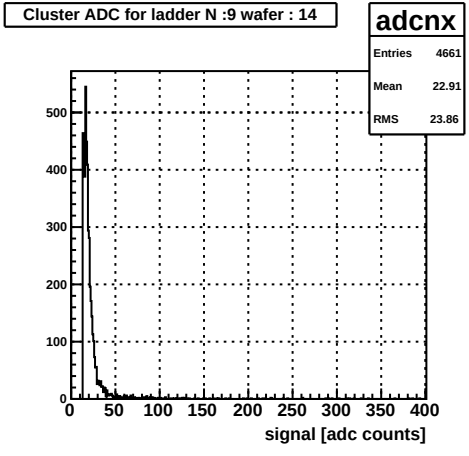

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 209
Mean 58.65
RMS 57.02
signal [adc counts]

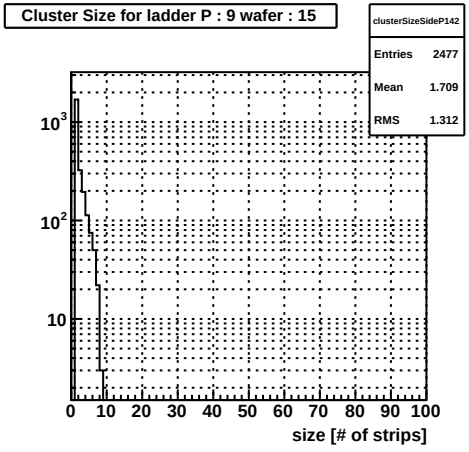

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 921
Mean 1.105
RMS 0.4204
size [# of strips]

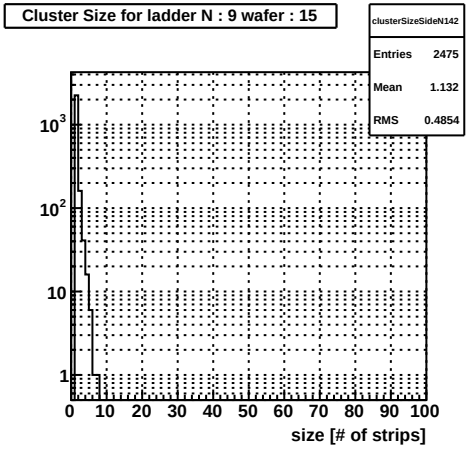

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4661
Mean 1.065
RMS 0.2937
size [# of strips]

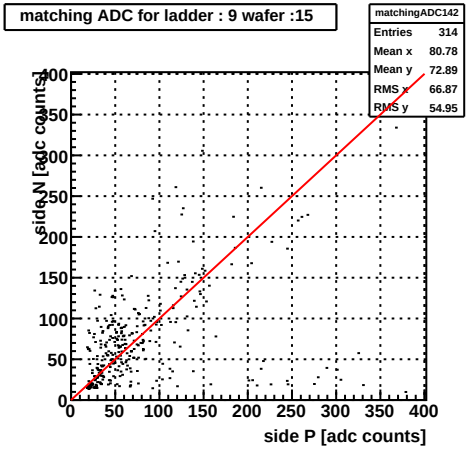

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 112
Mean x 68.03
Mean y 77.59
RMS x 59.57
RMS y 69.12
side N [adc counts]
side P [adc counts]

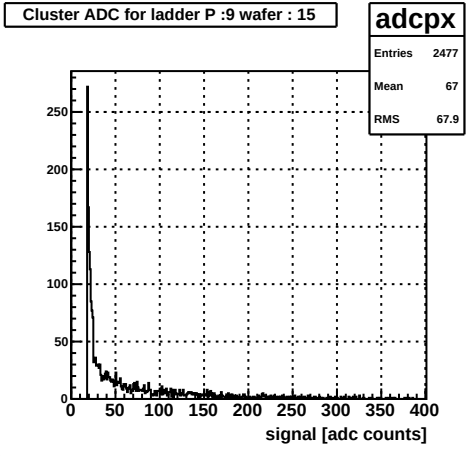

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 921
Mean 33.11
RMS 39.6
signal [adc counts]

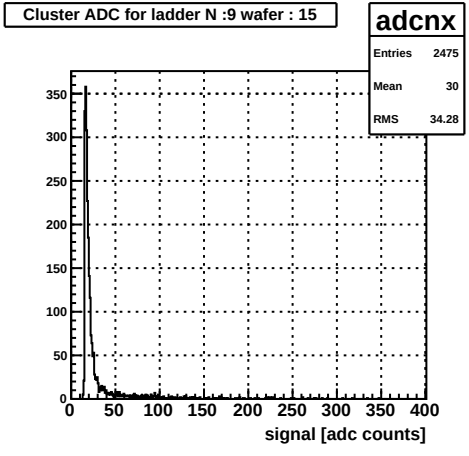

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4661
Mean 22.91
RMS 23.86
signal [adc counts]

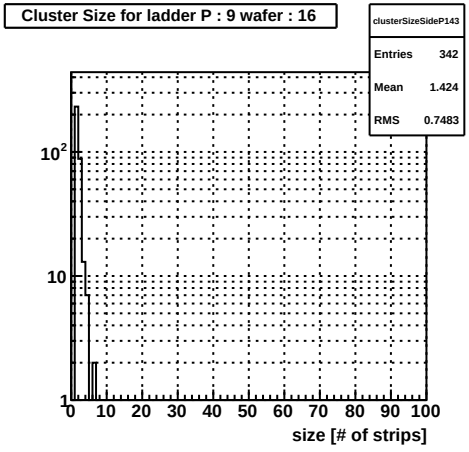

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2477
Mean 1.709
RMS 1.312
size [# of strips]

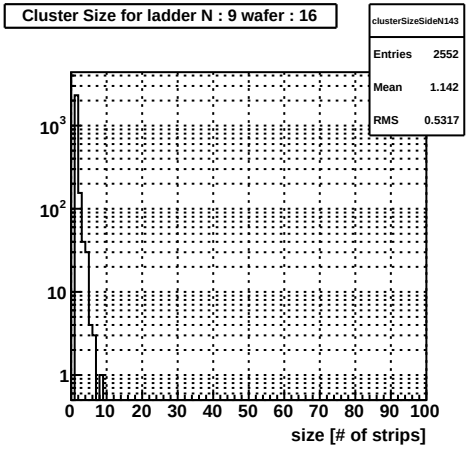

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2475
Mean 1.132
RMS 0.4854
size [# of strips]

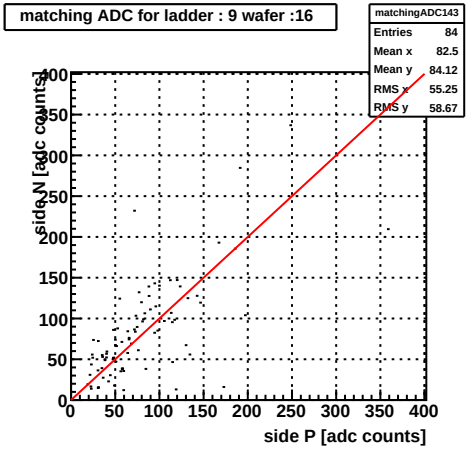

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 314
Mean x 80.78
Mean y 72.89
RMS x 66.87
RMS y 54.95
side N [adc counts]
side P [adc counts]

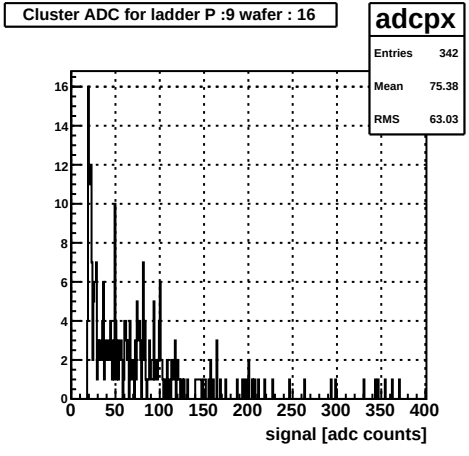

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2477
Mean 67
RMS 67.9
signal [adc counts]

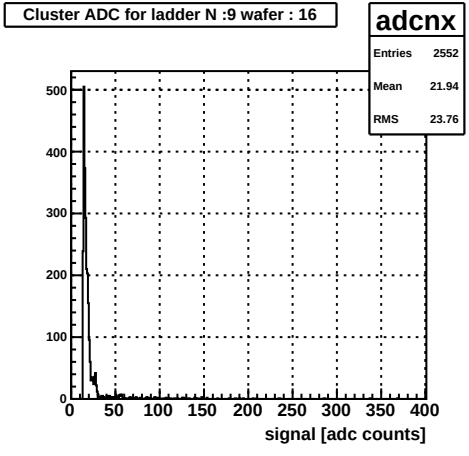

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2475
Mean 30
RMS 34.28
signal [adc counts]

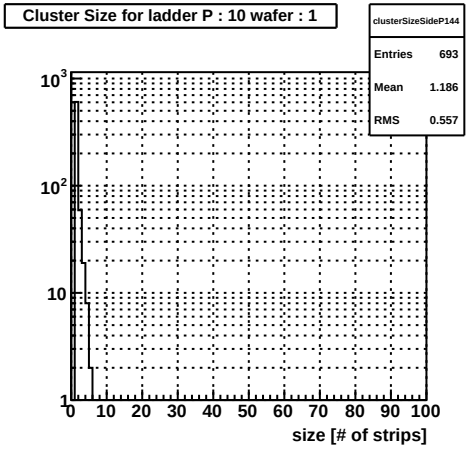

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 342
Mean 1.424
RMS 0.7483
size [# of strips]

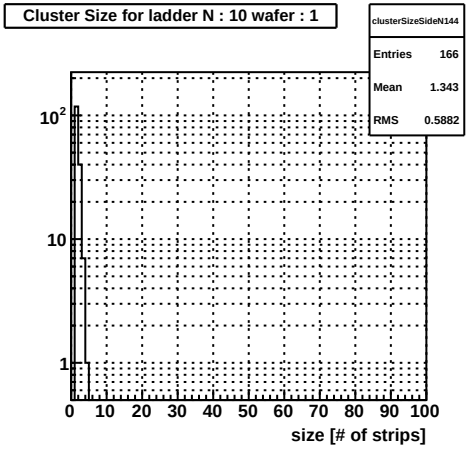

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2552
Mean 1.142
RMS 0.5317
size [# of strips]

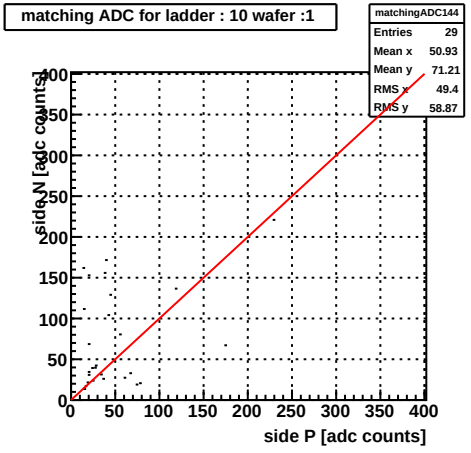

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 84
Mean x 82.5
Mean y 84.12
RMS x 55.25
RMS y 58.67
side N [adc counts]
side P [adc counts]

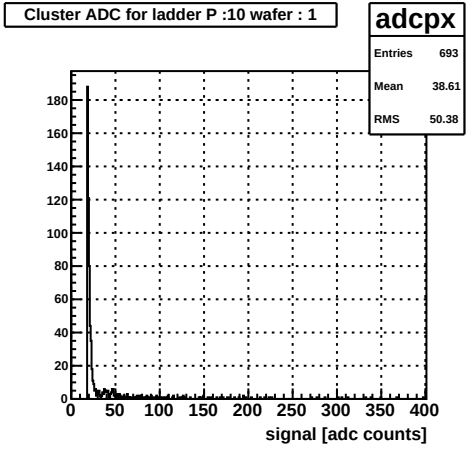

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 342
Mean 75.38
RMS 63.03
signal [adc counts]

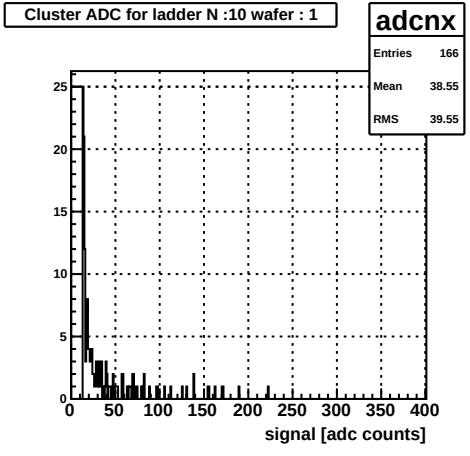

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2552
Mean 21.94
RMS 23.76
signal [adc counts]

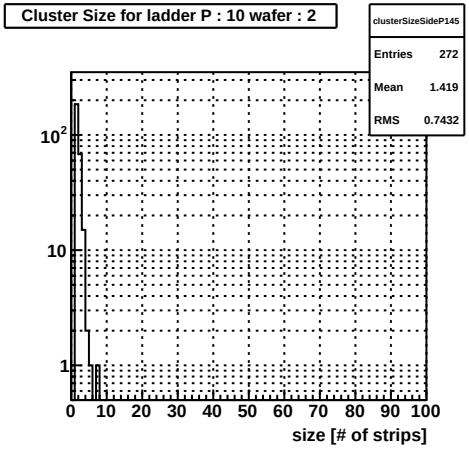

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 693
Mean 1.186
RMS 0.557
size [# of strips]

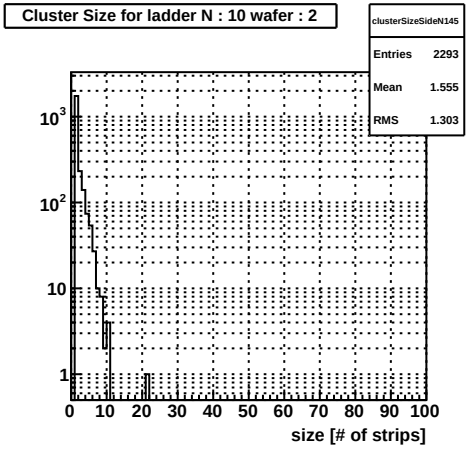

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 166
Mean 1.343
RMS 0.5882
size [# of strips]

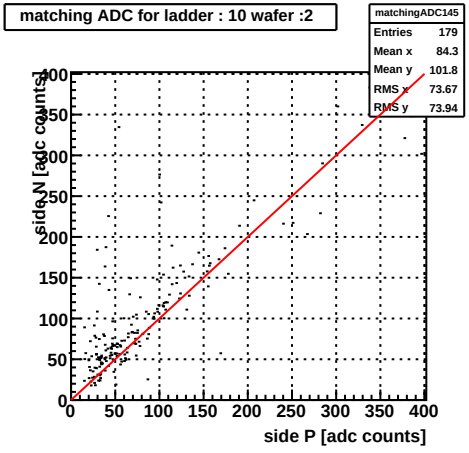

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 29
Mean x 50.93
Mean y 71.21
RMS x 49.4
RMS y 58.87
side N [adc counts]
side P [adc counts]

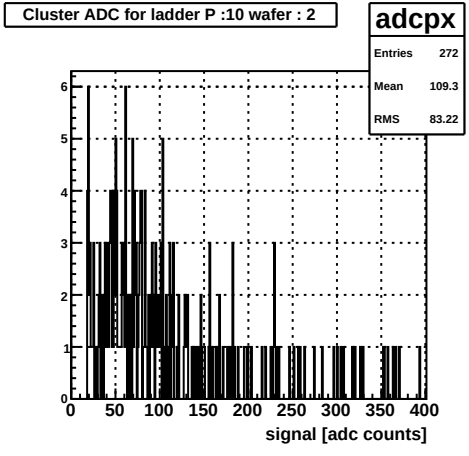

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 693
Mean 38.61
RMS 50.38
signal [adc counts]

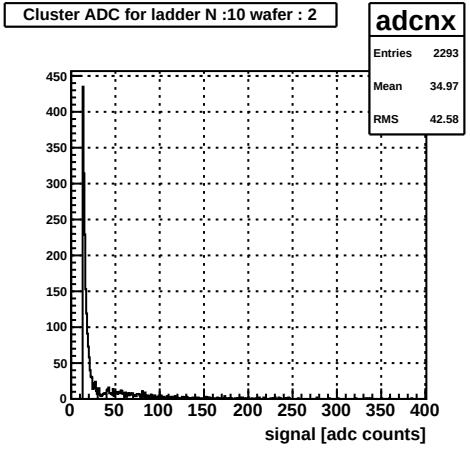

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 166
Mean 38.55
RMS 39.55
signal [adc counts]

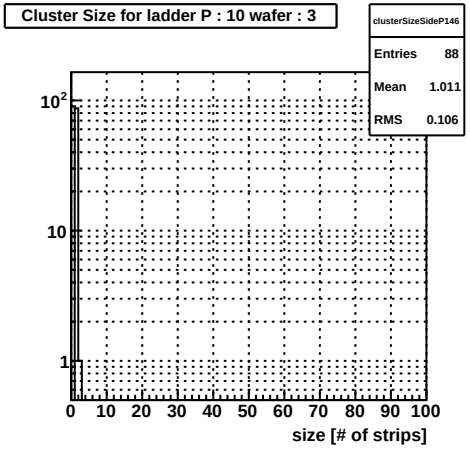

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 272
Mean 1.419
RMS 0.7432
size [# of strips]

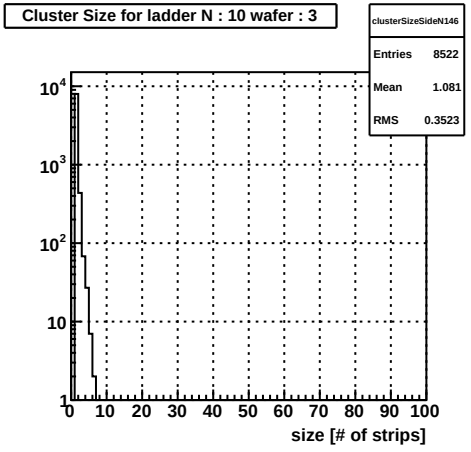

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2293
Mean 1.555
RMS 1.303
size [# of strips]

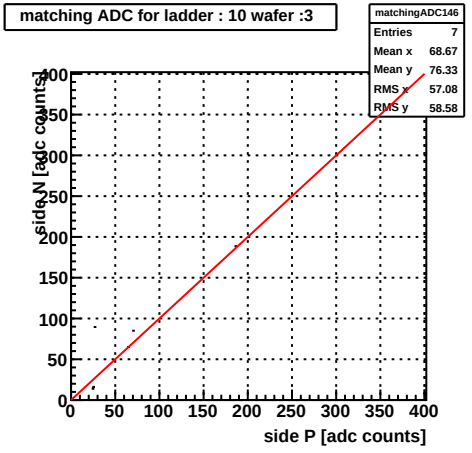

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 179
Mean x 84.3
Mean y 101.8
RMS x 73.67
RMS y 73.94
side N [adc counts]
side P [adc counts]

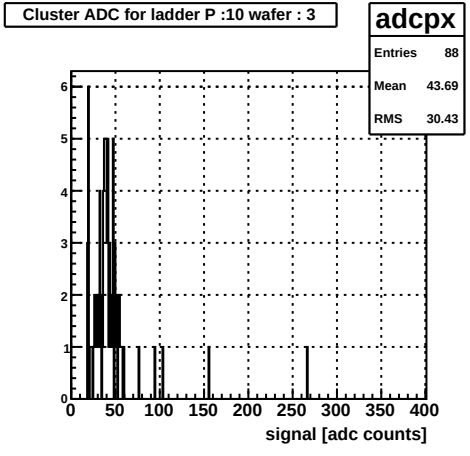

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 272
Mean 109.3
RMS 83.22
signal [adc counts]

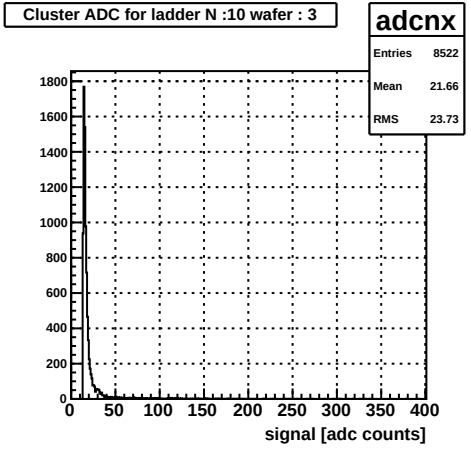

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2293
Mean 34.97
RMS 42.58
signal [adc counts]

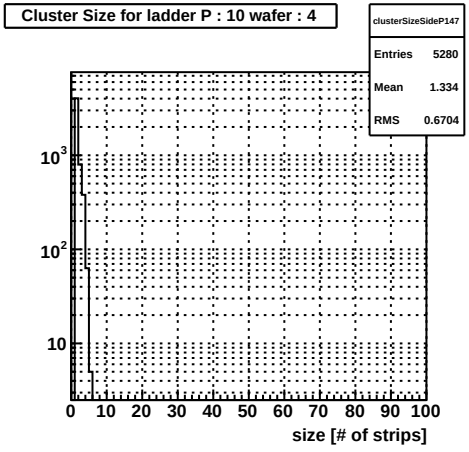

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 88
Mean 1.011
RMS 0.106
size [# of strips]

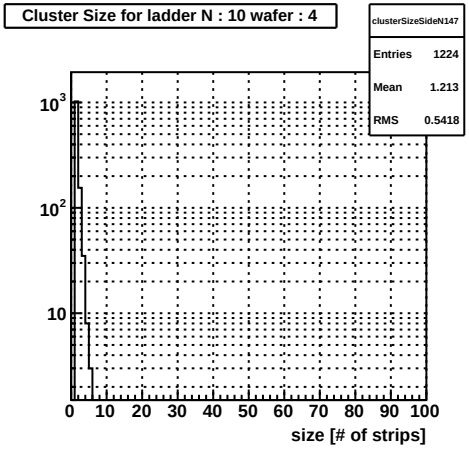

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 8522
Mean 1.081
RMS 0.3523
size [# of strips]

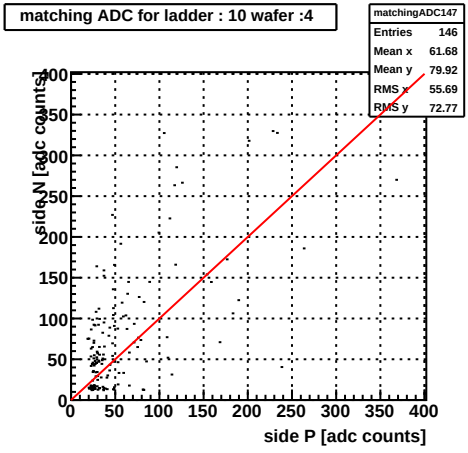

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 7
Mean x 68.67
Mean y 76.33
RMS x 57.08
RMS y 58.58
side N [adc counts]
side P [adc counts]

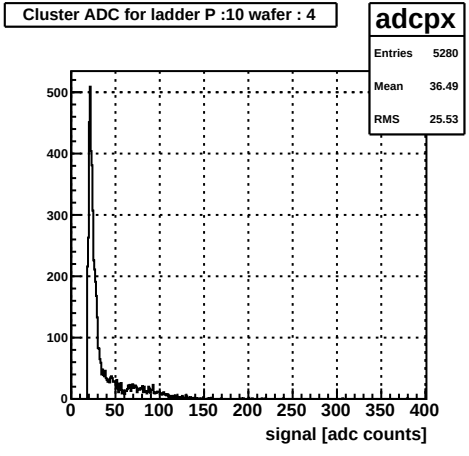

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 88
Mean 43.69
RMS 30.43
signal [adc counts]

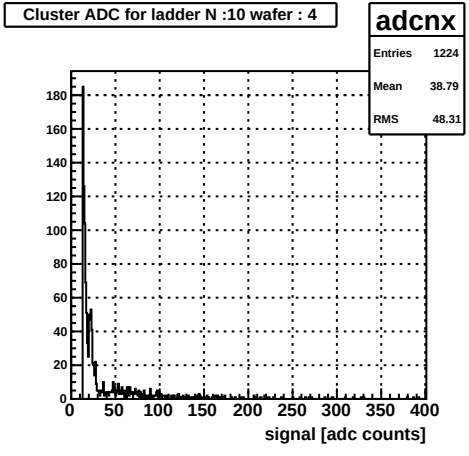

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 8522
Mean 21.66
RMS 23.73
signal [adc counts]

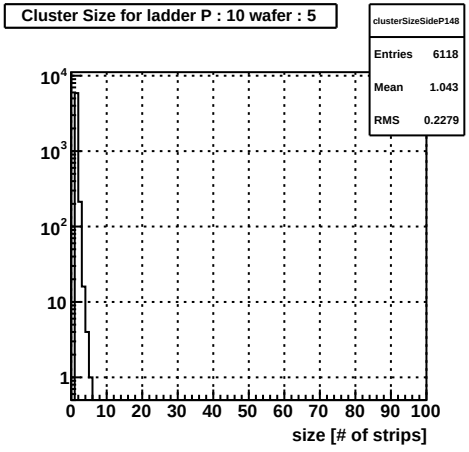

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5280
Mean 1.334
RMS 0.6704
size [# of strips]

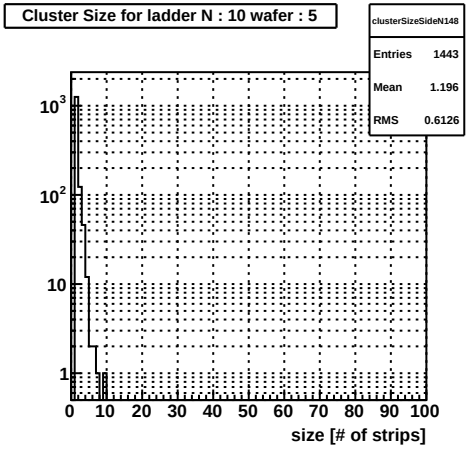

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1224
Mean 1.213
RMS 0.5418
size [# of strips]

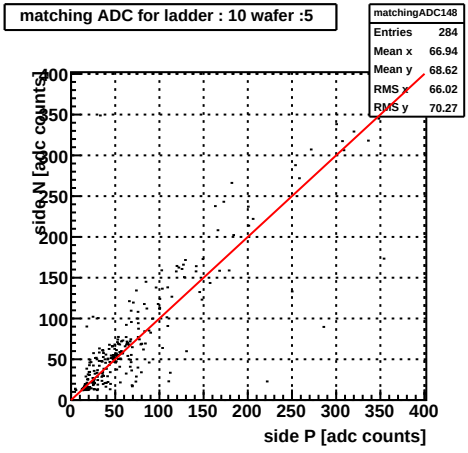

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 146
Mean x 61.68
Mean y 79.92
RMS x 55.69
RMS y 72.77
side N [adc counts]
side P [adc counts]

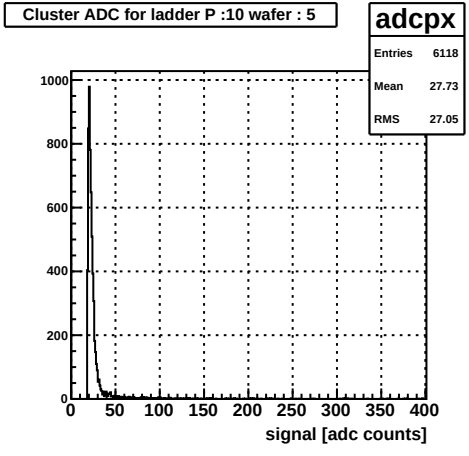

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5280
Mean 36.49
RMS 25.53
signal [adc counts]

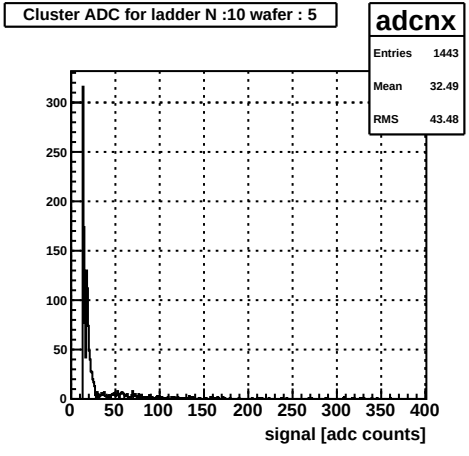

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1224
Mean 38.79
RMS 48.31
signal [adc counts]

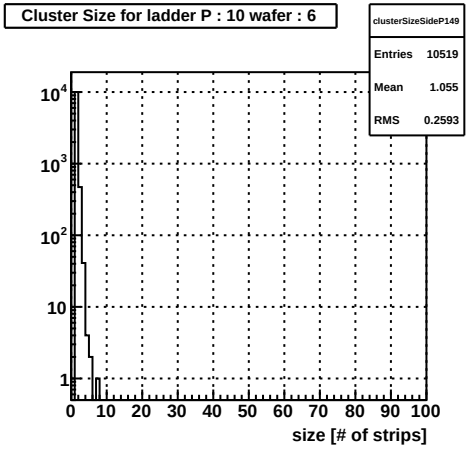

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6118
Mean 1.043
RMS 0.2279
size [# of strips]

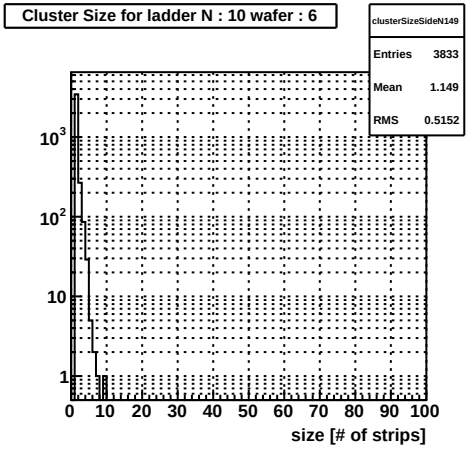

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1443
Mean 1.196
RMS 0.6126
size [# of strips]

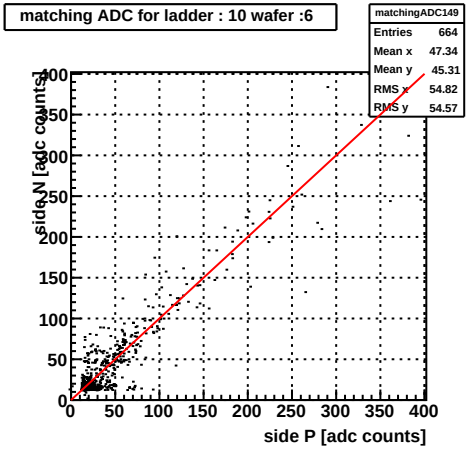

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 284
Mean x 66.94
Mean y 68.62
RMS x 66.02
RMS y 70.27
side N [adc counts]
side P [adc counts]

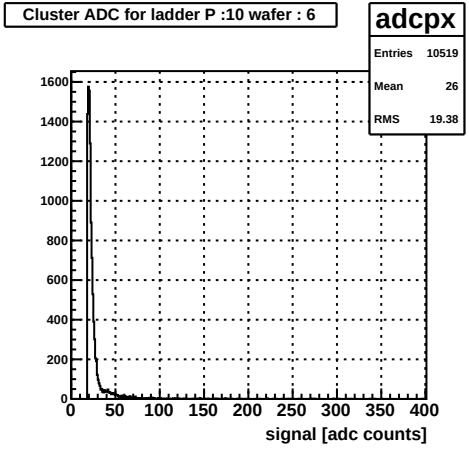

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6118
Mean 27.73
RMS 27.05
signal [adc counts]

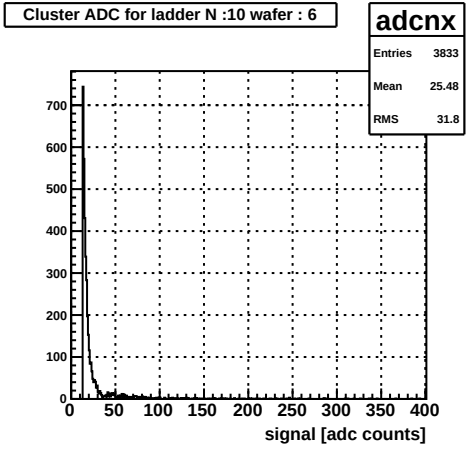

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1443
Mean 32.49
RMS 43.48
signal [adc counts]

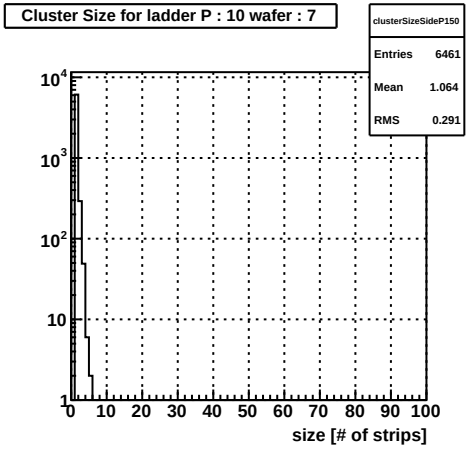

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10519
Mean 1.055
RMS 0.2593
size [# of strips]

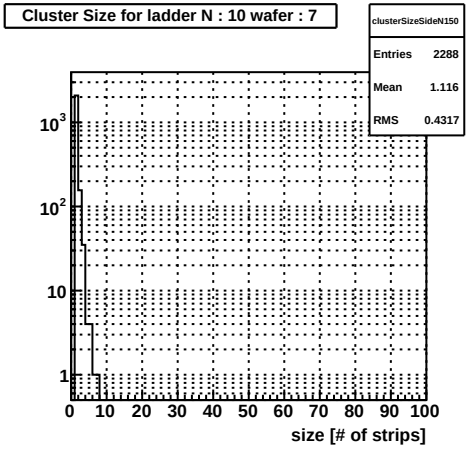

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3833
Mean 1.149
RMS 0.5152
size [# of strips]

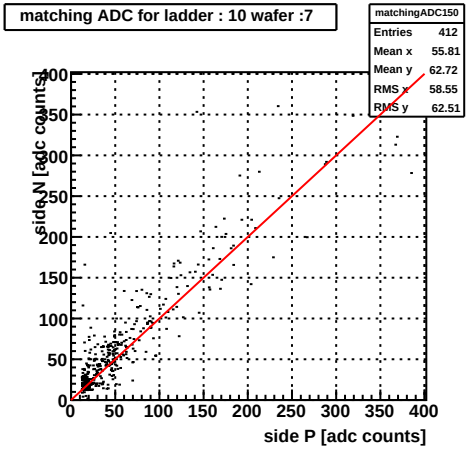

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 664
Mean x 47.34
Mean y 45.31
RMS x 54.82
RMS y 54.57
side N [adc counts]
side P [adc counts]

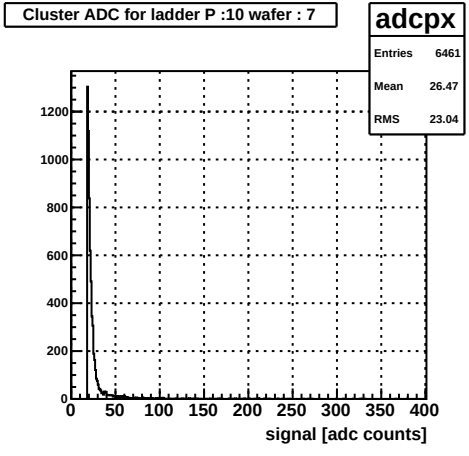

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10519
Mean 26
RMS 19.38
signal [adc counts]

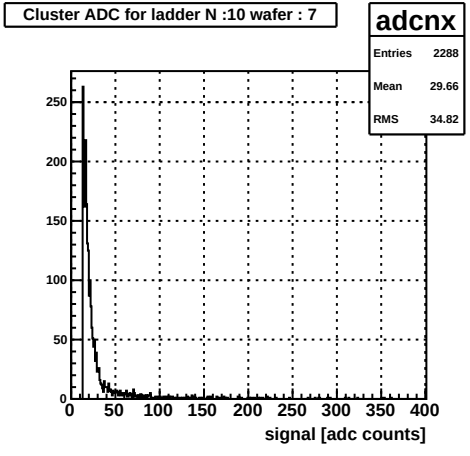

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3833
Mean 25.48
RMS 31.8
signal [adc counts]

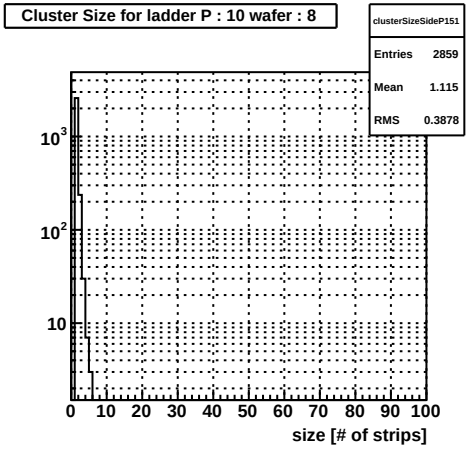

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6461
Mean 1.064
RMS 0.291
size [# of strips]

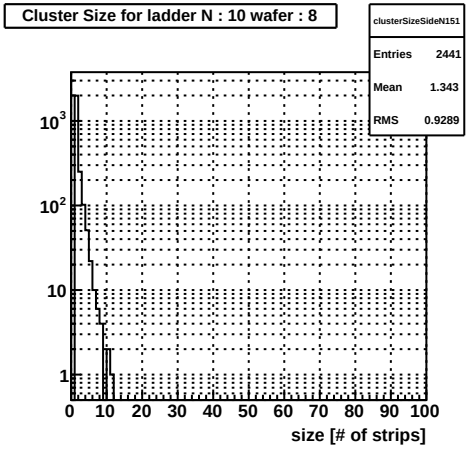

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2288
Mean 1.116
RMS 0.4317
size [# of strips]

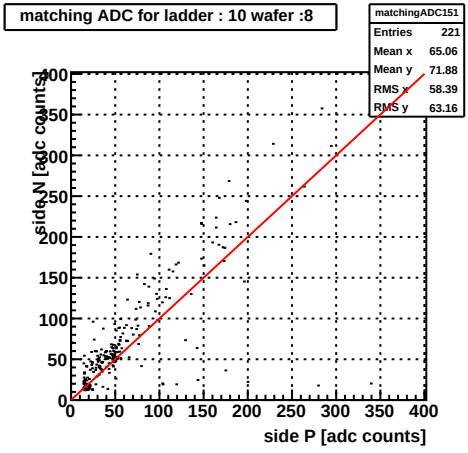

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 412
Mean x 55.81
Mean y 62.72
RMS x 58.55
RMS y 62.51
side N [adc counts]
side P [adc counts]

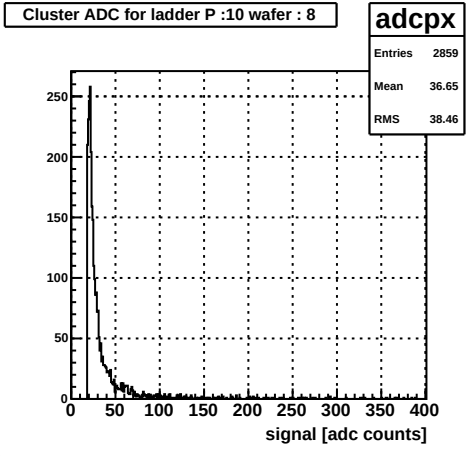

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6461
Mean 26.47
RMS 23.04
signal [adc counts]

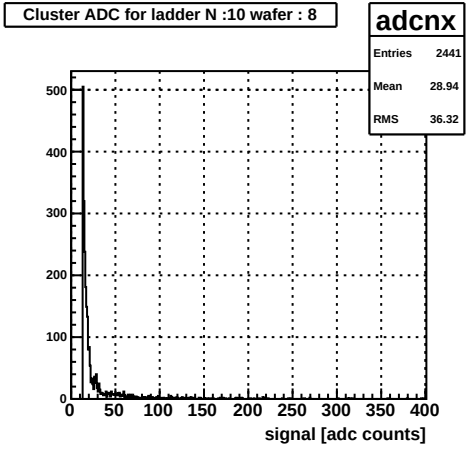

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2288
Mean 29.66
RMS 34.82
signal [adc counts]

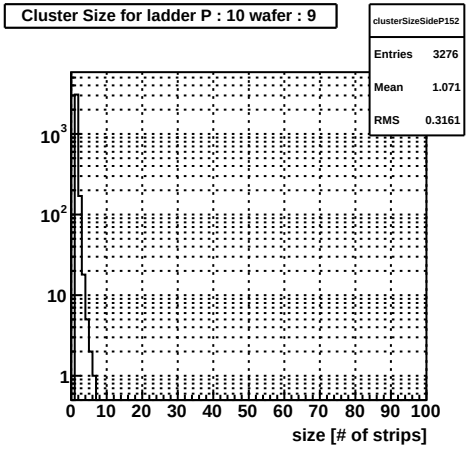

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2859
Mean 1.115
RMS 0.3878
size [# of strips]

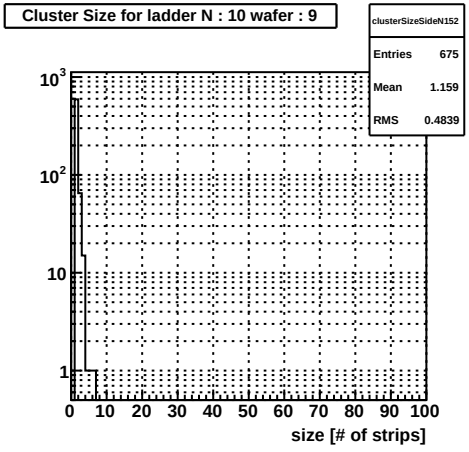

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2441
Mean 1.343
RMS 0.9289
size [# of strips]

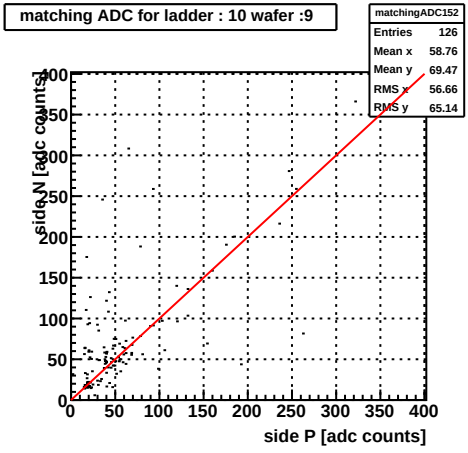

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 221
Mean x 65.06
Mean y 71.88
RMS x 58.39
RMS y 63.16
side N [adc counts]
side P [adc counts]

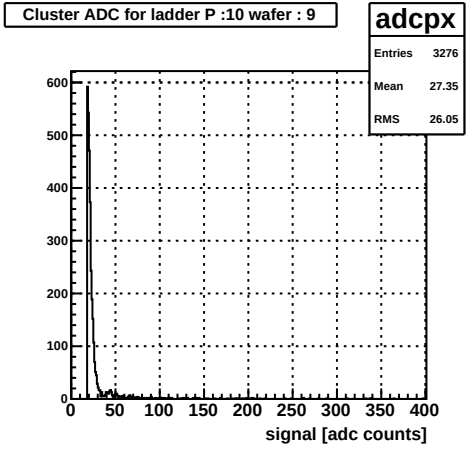

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2859
Mean 36.65
RMS 38.46
signal [adc counts]

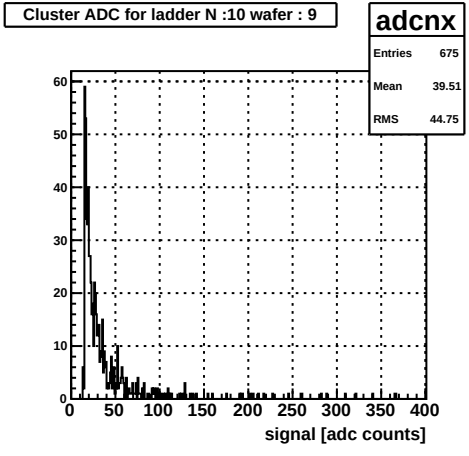

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2441
Mean 28.94
RMS 36.32
signal [adc counts]

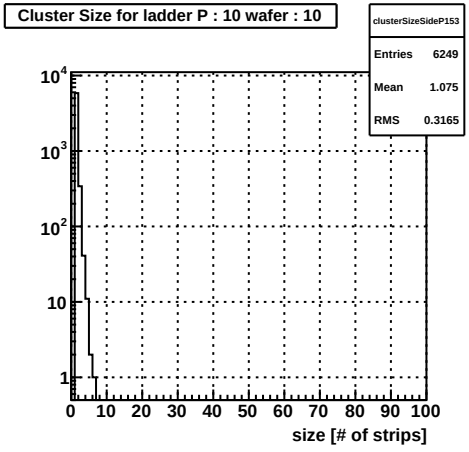

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3276
Mean 1.071
RMS 0.3161
size [# of strips]

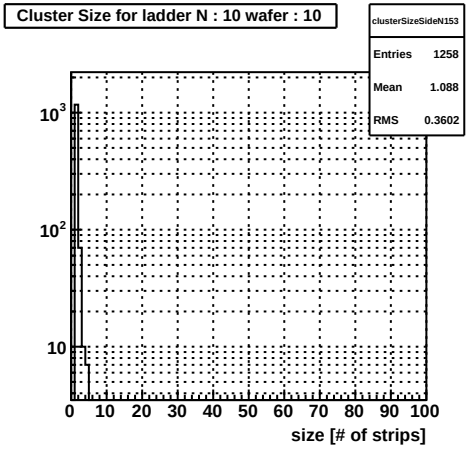

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 675
Mean 1.159
RMS 0.4839
size [# of strips]

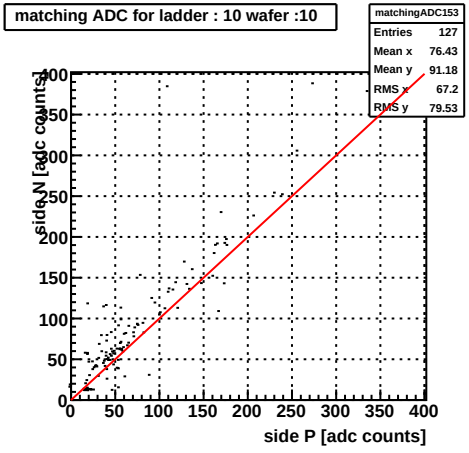

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 126
Mean x 58.76
Mean y 69.47
RMS x 56.66
RMS y 65.14
side N [adc counts]
side P [adc counts]

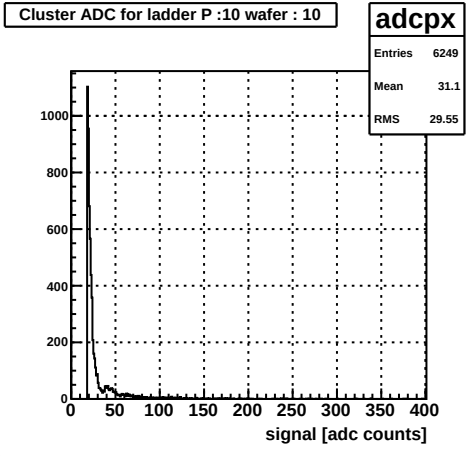

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3276
Mean 27.35
RMS 26.05
signal [adc counts]

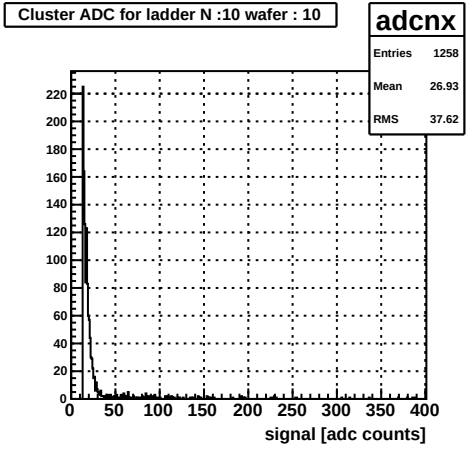

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 675
Mean 39.51
RMS 44.75
signal [adc counts]

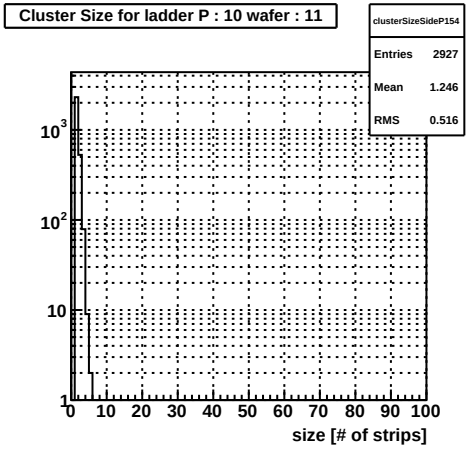

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6249
Mean 1.075
RMS 0.3165
size [# of strips]

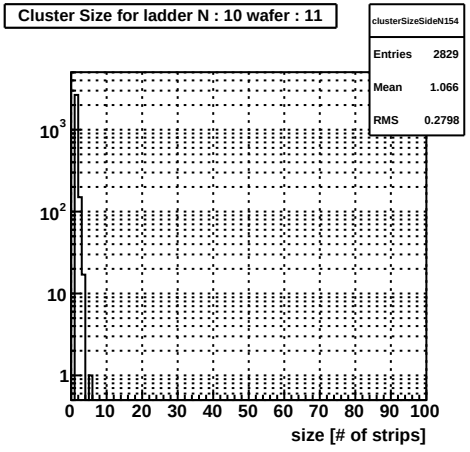

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1258
Mean 1.088
RMS 0.3602
size [# of strips]

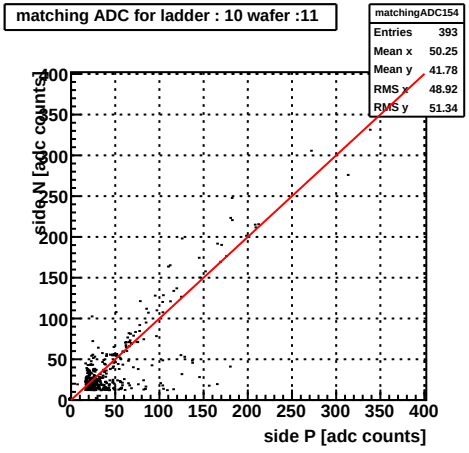

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 127
Mean x 76.43
Mean y 91.18
RMS x 67.2
RMS y 79.53
side N [adc counts]
side P [adc counts]

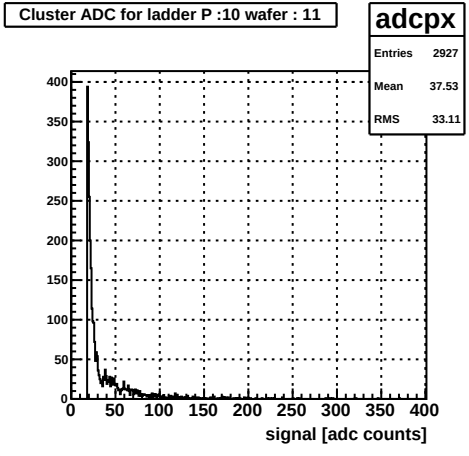

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6249
Mean 31.1
RMS 29.55
signal [adc counts]

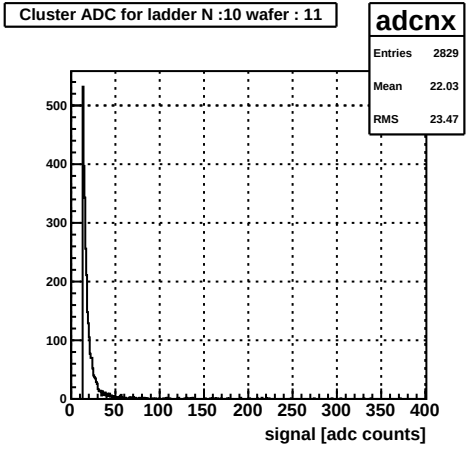

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1258
Mean 26.93
RMS 37.62
signal [adc counts]

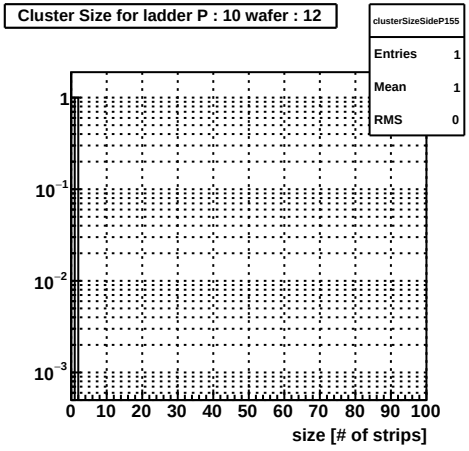

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2927
Mean 1.246
RMS 0.516
size [# of strips]

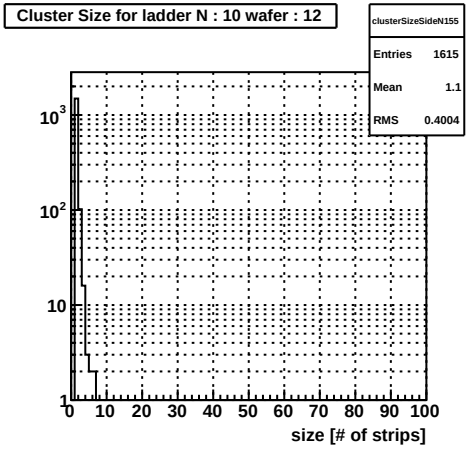

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2829
Mean 1.066
RMS 0.2798
size [# of strips]

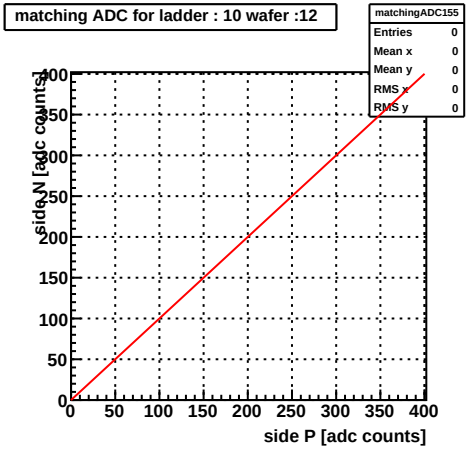

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 393
Mean x 50.25
Mean y 41.78
RMS x 48.92
RMS y 51.34
side N [adc counts]
side P [adc counts]

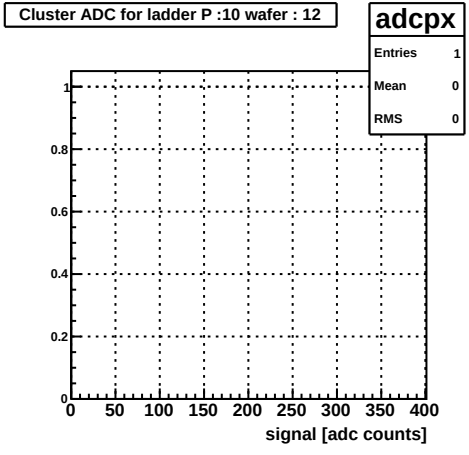

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2927
Mean 37.53
RMS 33.11
signal [adc counts]

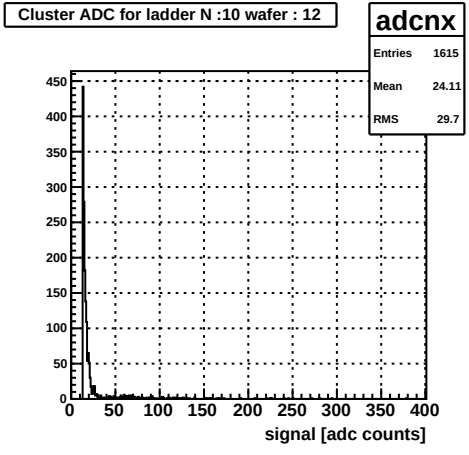

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2829
Mean 22.03
RMS 23.47
signal [adc counts]

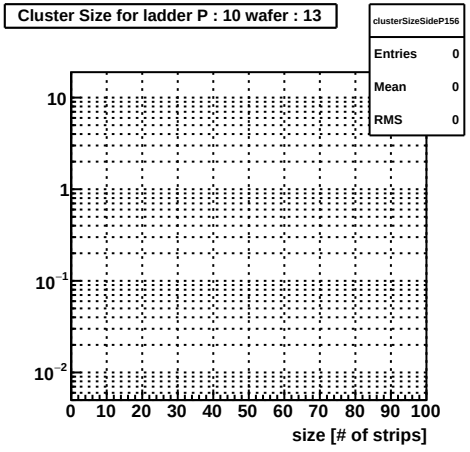

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

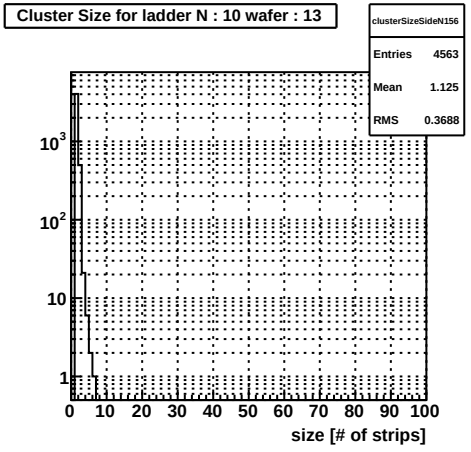

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1615
Mean 1.1
RMS 0.4004
size [# of strips]

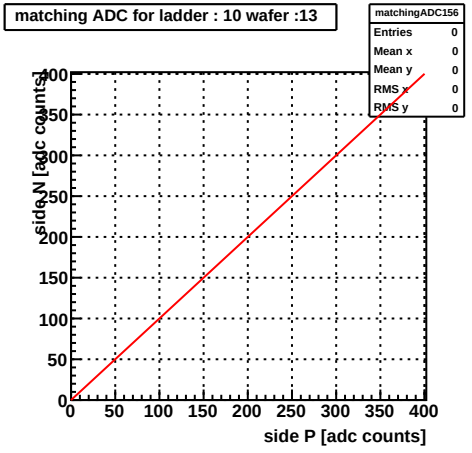

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

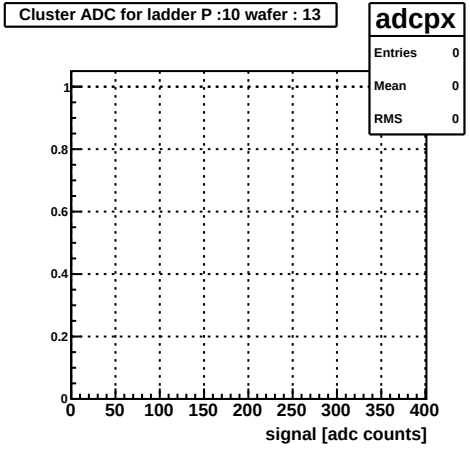

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

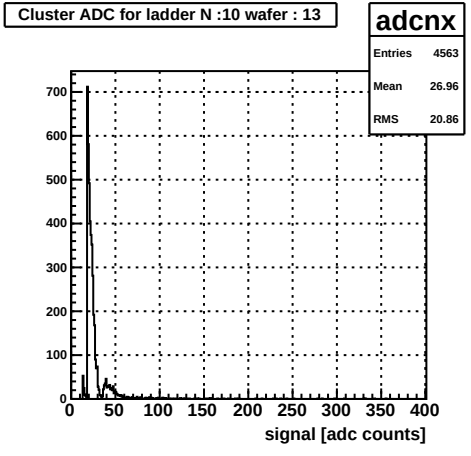

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1615
Mean 24.11
RMS 29.7
signal [adc counts]

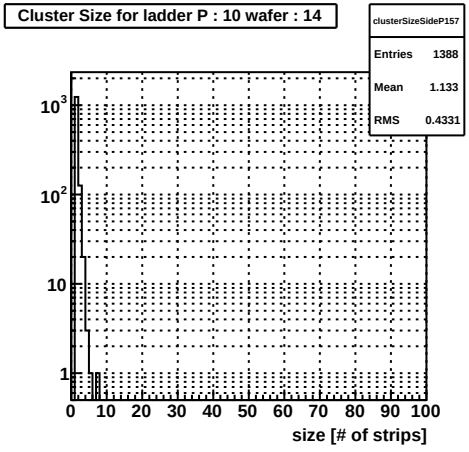

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

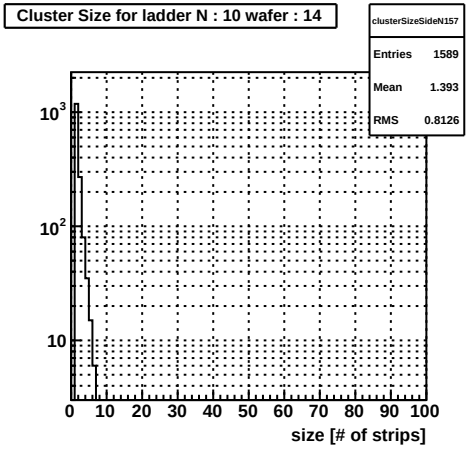

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4563
Mean 1.125
RMS 0.3688
size [# of strips]

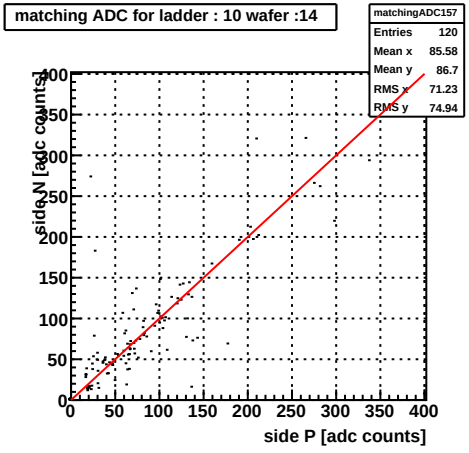

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

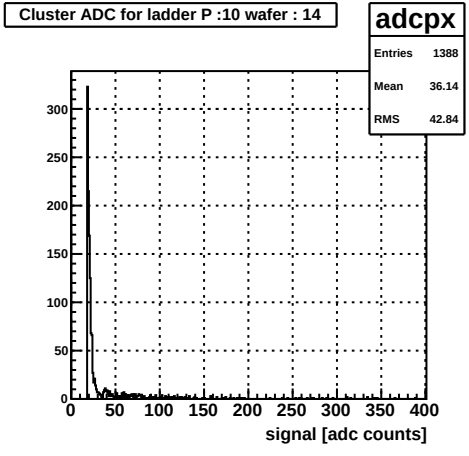

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

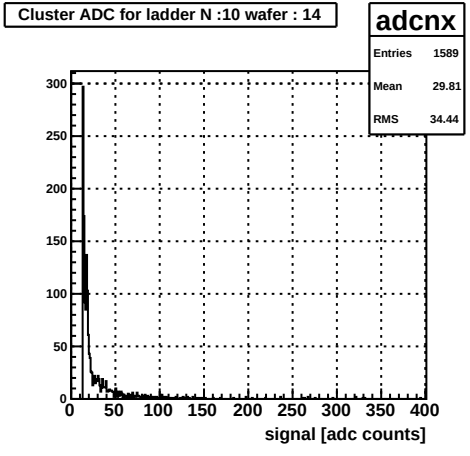

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4563
Mean 26.96
RMS 20.86
signal [adc counts]

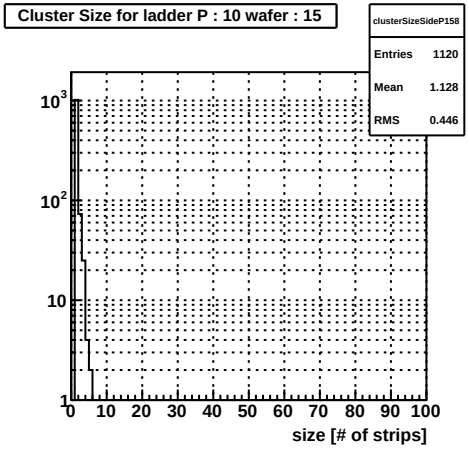

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1388
Mean 1.133
RMS 0.4331
size [# of strips]

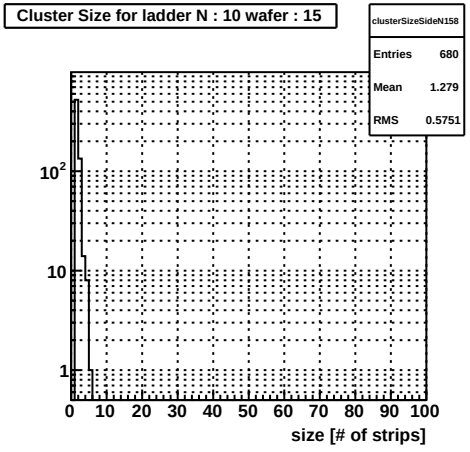

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1589
Mean 1.393
RMS 0.8126
size [# of strips]

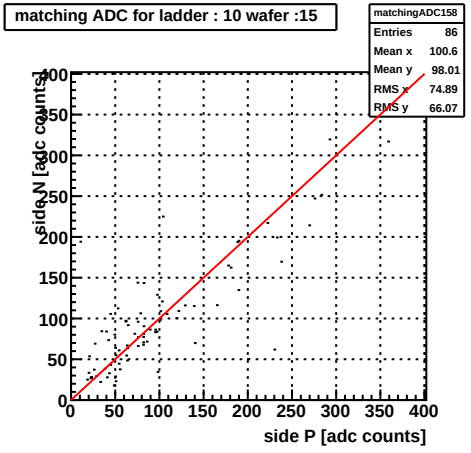

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 120
Mean x 85.58
Mean y 86.7
RMS x 71.23
RMS y 74.94
side N [adc counts]
side P [adc counts]

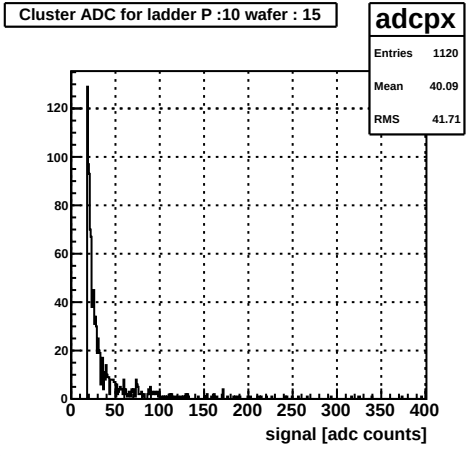

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1388
Mean 36.14
RMS 42.84
signal [adc counts]

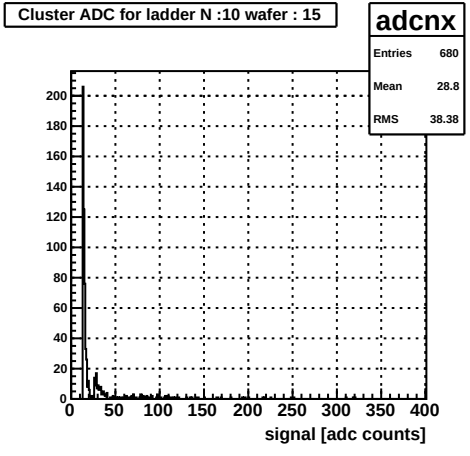

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1589
Mean 29.81
RMS 34.44
signal [adc counts]

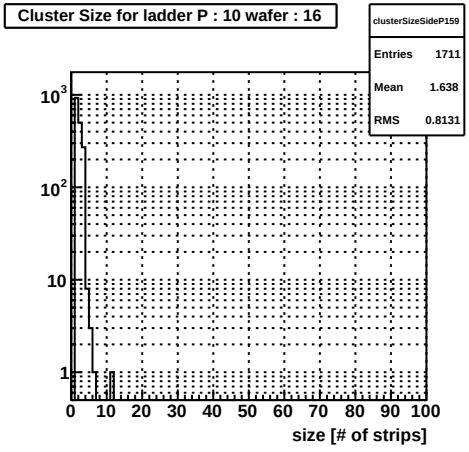

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1120
Mean 1.128
RMS 0.446
size [# of strips]

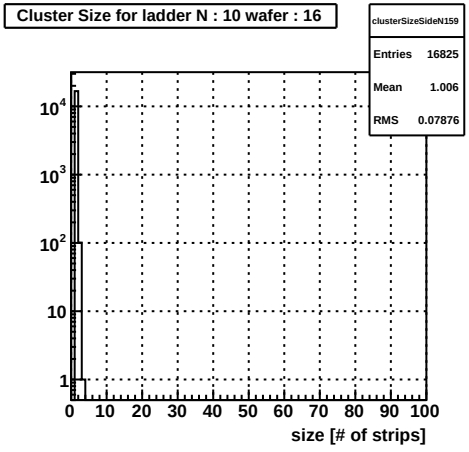

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 680
Mean 1.279
RMS 0.5751
size [# of strips]

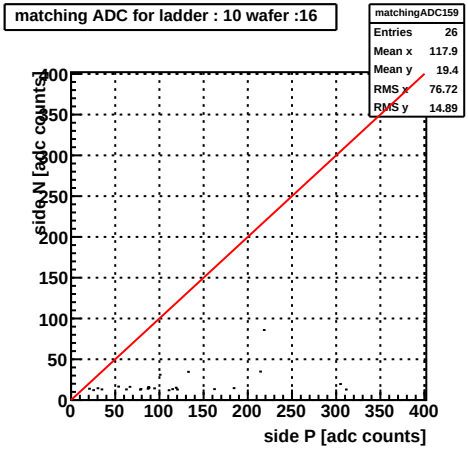

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 86
Mean x 100.6
Mean y 98.01
RMS x 74.89
RMS y 66.07
side N [adc counts]
side P [adc counts]

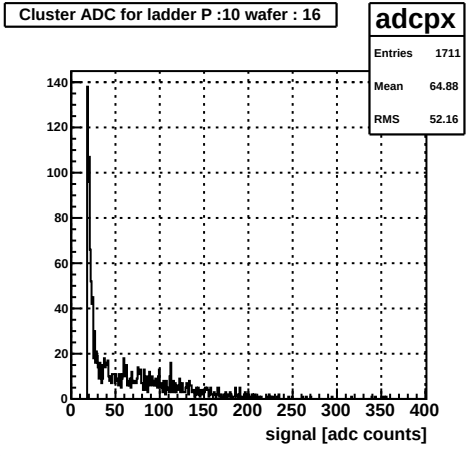

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1120
Mean 40.09
RMS 41.71
signal [adc counts]

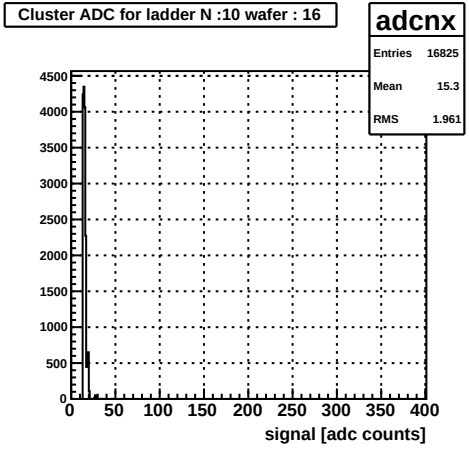

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 680
Mean 28.8
RMS 38.38
signal [adc counts]

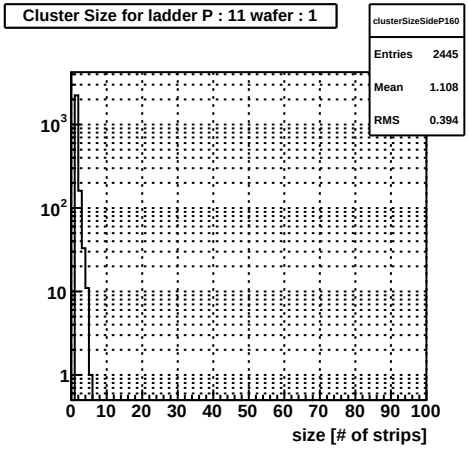

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1711
Mean 1.638
RMS 0.8131
size [# of strips]

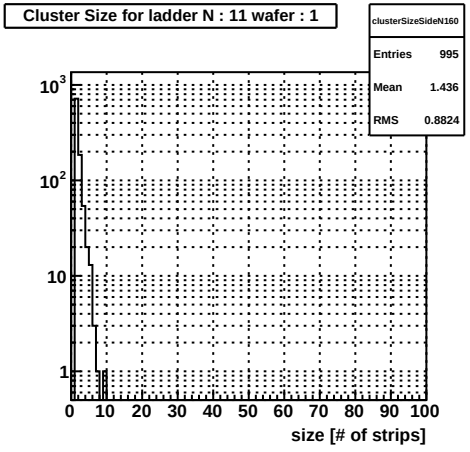

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 16825
Mean 1.006
RMS 0.07876
size [# of strips]

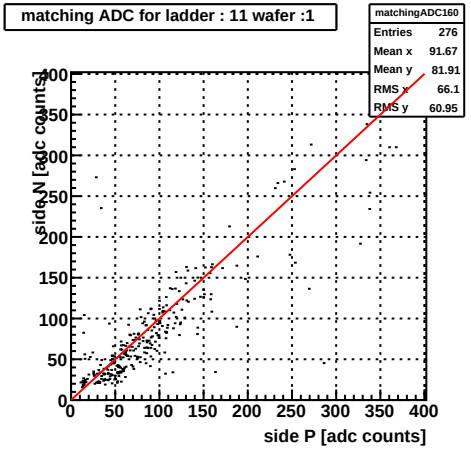

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 26
Mean x 117.9
Mean y 19.4
RMS x 76.72
RMS y 14.89
side N [adc counts]
side P [adc counts]

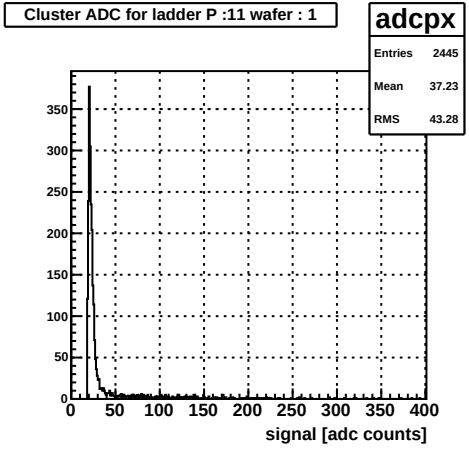

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1711
Mean 64.88
RMS 52.16
signal [adc counts]

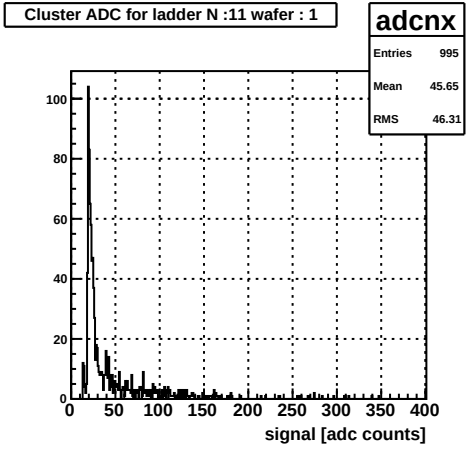

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 16825
Mean 15.3
RMS 1.961
signal [adc counts]

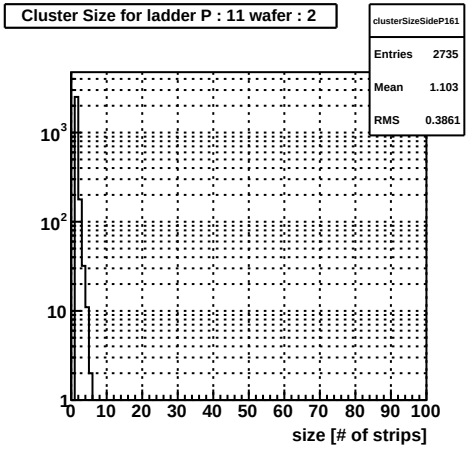

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2445
Mean 1.108
RMS 0.394
size [# of strips]

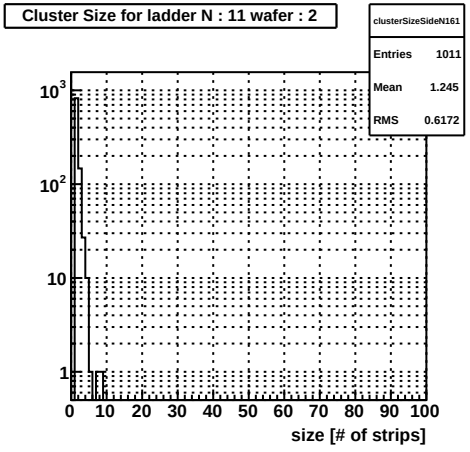

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 995
Mean 1.436
RMS 0.8824
size [# of strips]

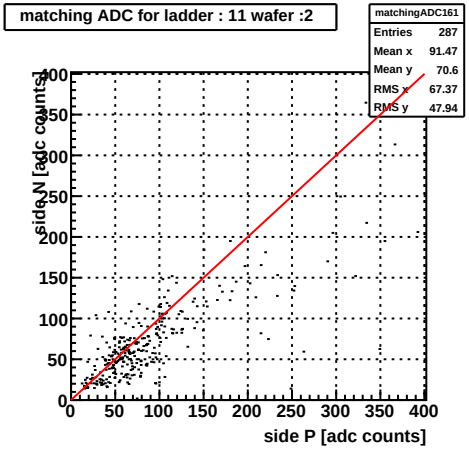

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 276
Mean x 91.67
Mean y 81.91
RMS x 66.1
RMS y 60.95
side N [adc counts]
side P [adc counts]

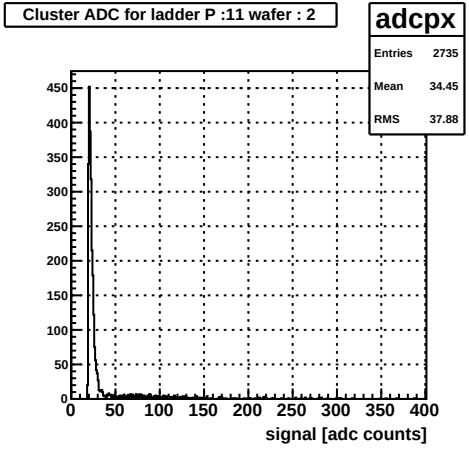

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2445
Mean 37.23
RMS 43.28
signal [adc counts]

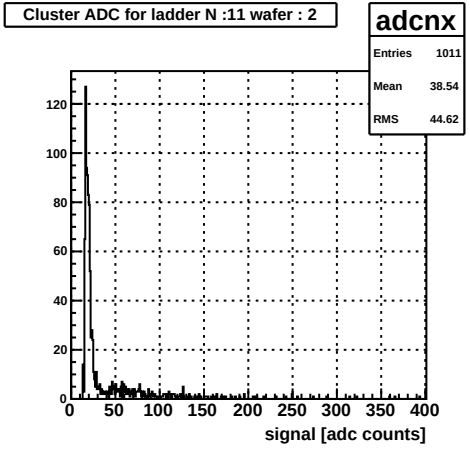

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 995
Mean 45.65
RMS 46.31
signal [adc counts]

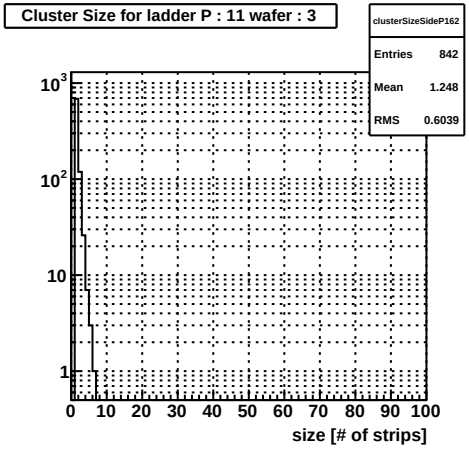

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2735
Mean 1.103
RMS 0.3861
size [# of strips]

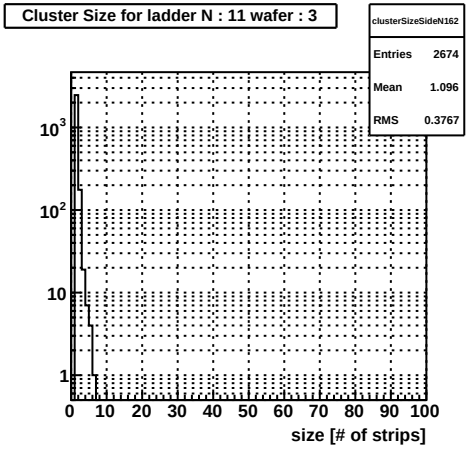

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1011
Mean 1.245
RMS 0.6172
size [# of strips]

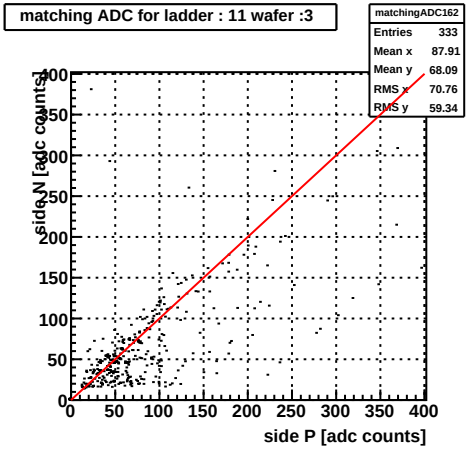

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 287
Mean x 91.47
Mean y 70.6
RMS x 67.37
RMS y 47.94
side N [adc counts]
side P [adc counts]

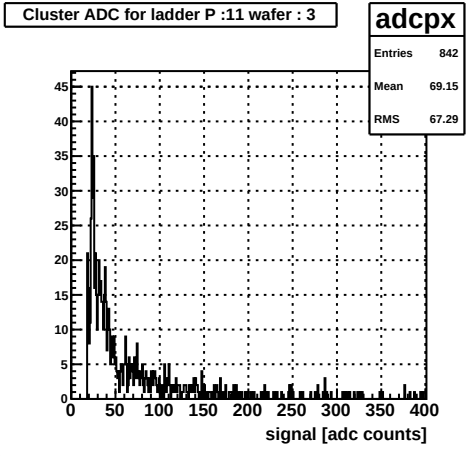

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2735
Mean 34.45
RMS 37.88
signal [adc counts]

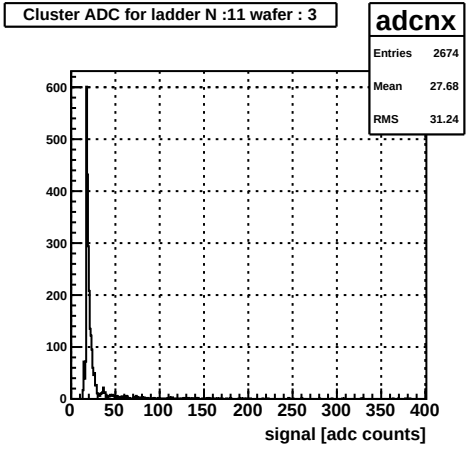

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1011
Mean 38.54
RMS 44.62
signal [adc counts]

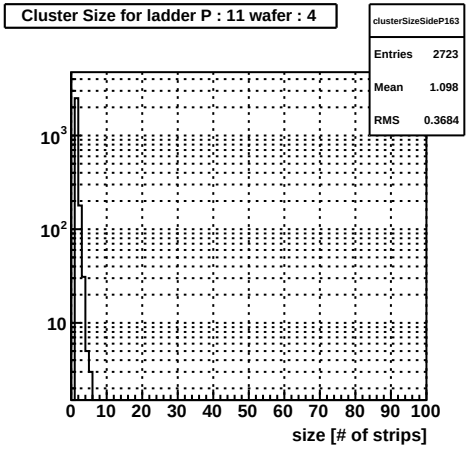

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 842
Mean 1.248
RMS 0.6039
size [# of strips]

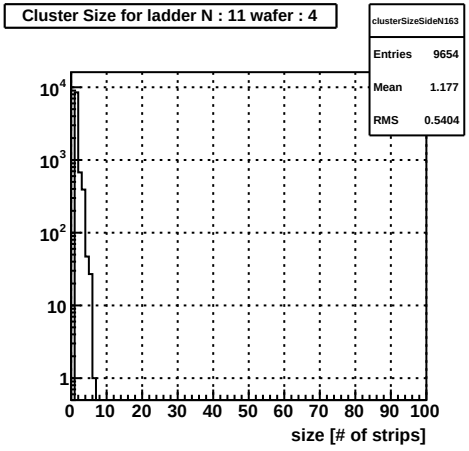

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2674
Mean 1.096
RMS 0.3767
size [# of strips]

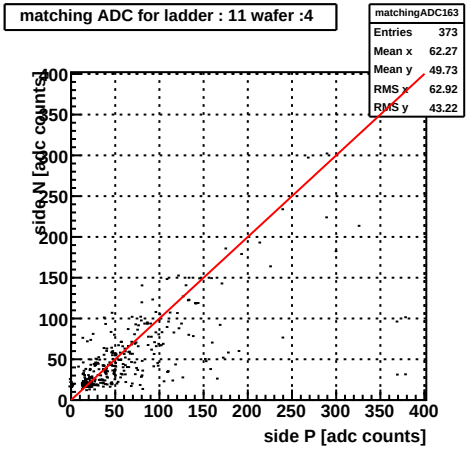

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 333
Mean x 87.91
Mean y 68.09
RMS x 70.76
RMS y 59.34
side N [adc counts]
side P [adc counts]

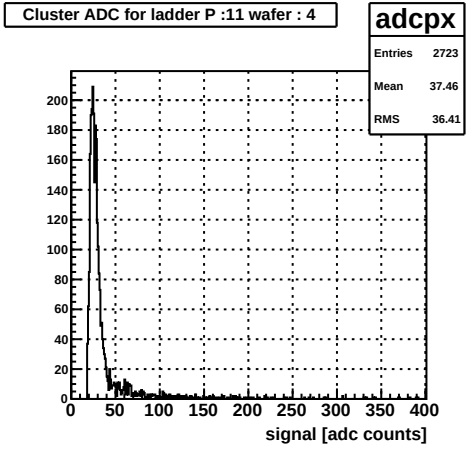

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 842
Mean 69.15
RMS 67.29
signal [adc counts]

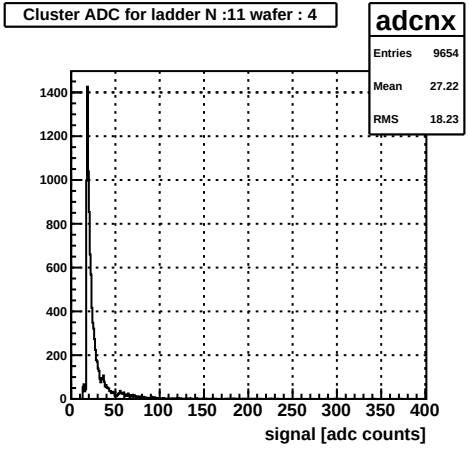

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2674
Mean 27.68
RMS 31.24
signal [adc counts]

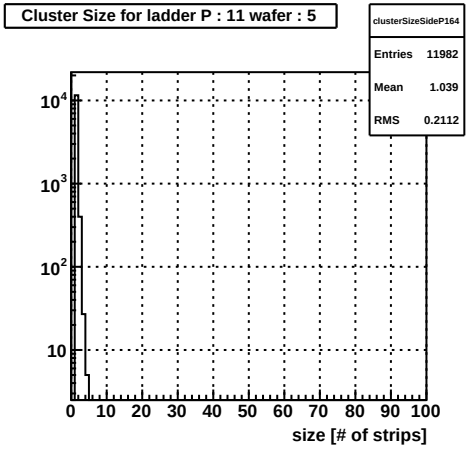

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2723
Mean 1.098
RMS 0.3684
size [# of strips]

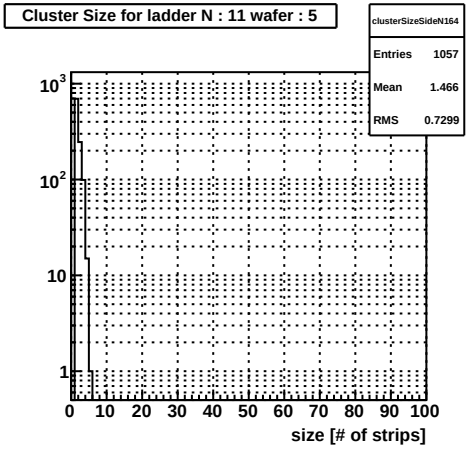

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9654
Mean 1.177
RMS 0.5404
size [# of strips]

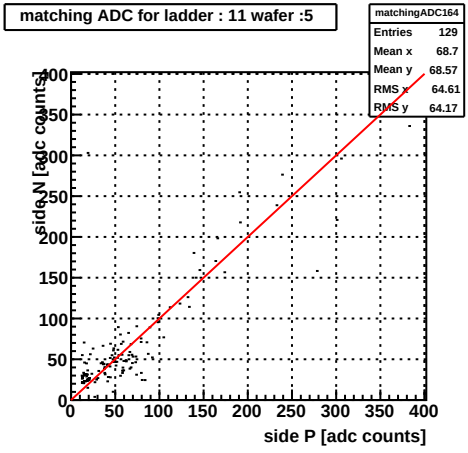

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 373
Mean x 62.27
Mean y 49.73
RMS x 62.92
RMS y 43.22
side N [adc counts]
side P [adc counts]

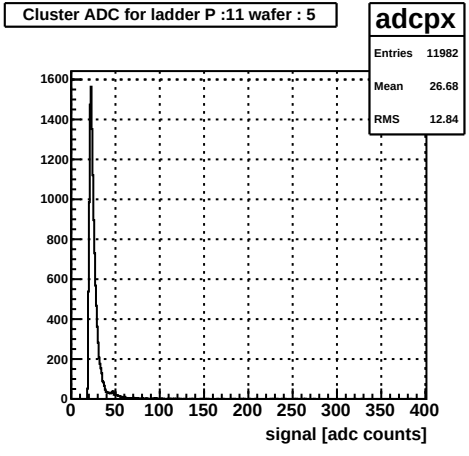

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2723
Mean 37.46
RMS 36.41
signal [adc counts]

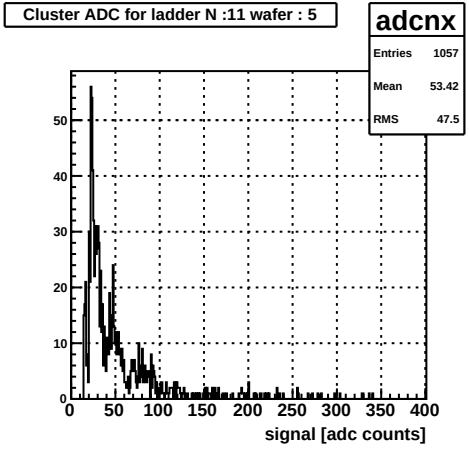

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9654
Mean 27.22
RMS 18.23
signal [adc counts]

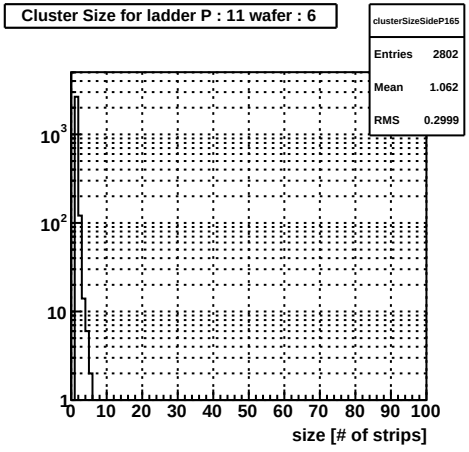

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11982
Mean 1.039
RMS 0.2112
size [# of strips]

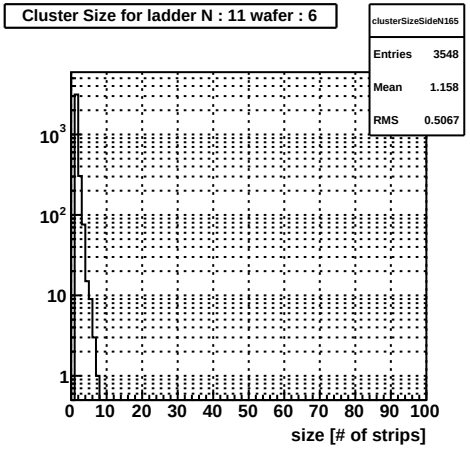

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1057
Mean 1.466
RMS 0.7299
size [# of strips]

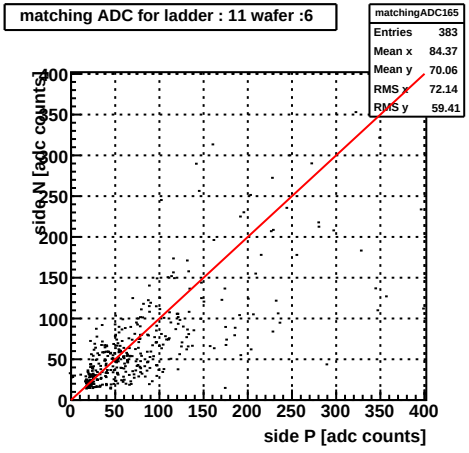

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 129
Mean x 68.7
Mean y 68.57
RMS x 64.61
RMS y 64.17
side N [adc counts]
side P [adc counts]

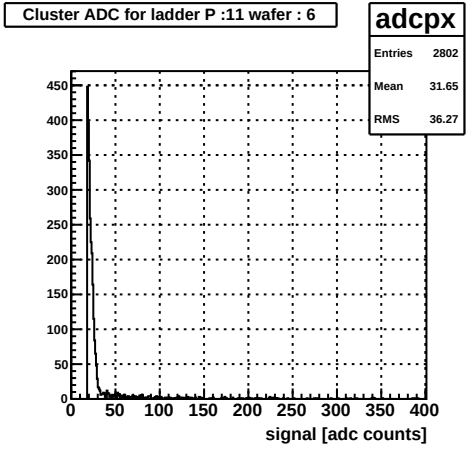

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11982
Mean 26.68
RMS 12.84
signal [adc counts]

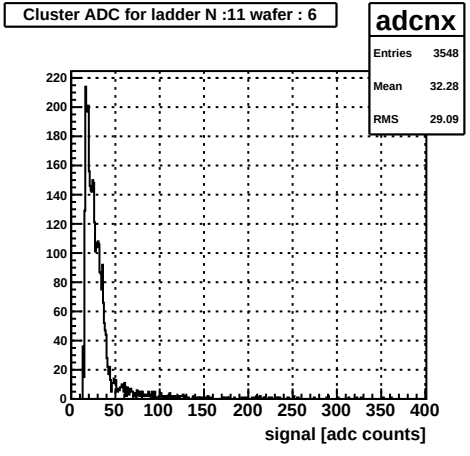

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1057
Mean 53.42
RMS 47.5
signal [adc counts]

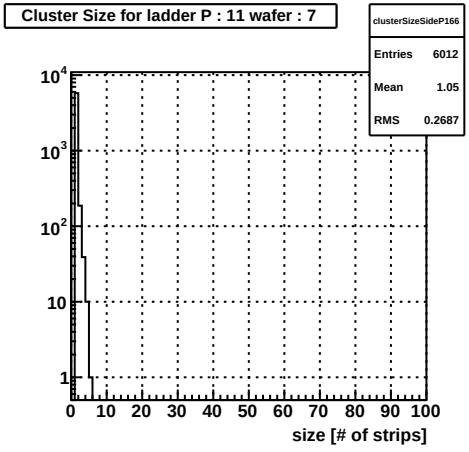

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2802
Mean 1.062
RMS 0.2999
size [# of strips]

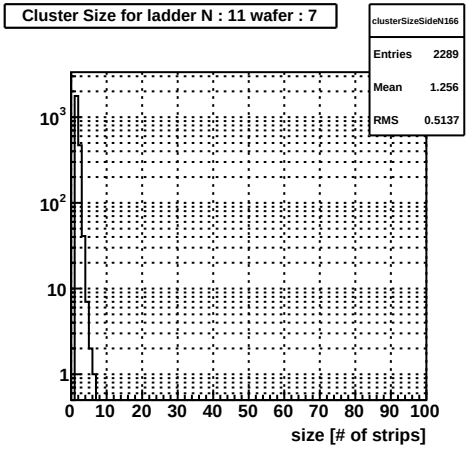

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3548
Mean 1.158
RMS 0.5067
size [# of strips]

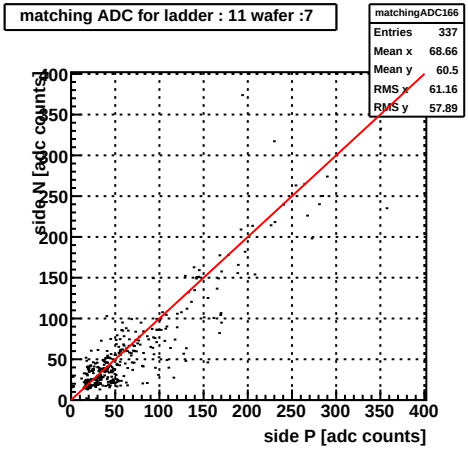

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 383
Mean x 84.37
Mean y 70.06
RMS x 72.14
RMS y 59.41
side N [adc counts]
side P [adc counts]

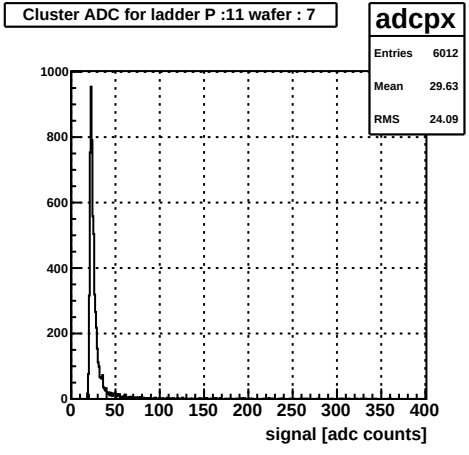

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2802
Mean 31.65
RMS 36.27
signal [adc counts]

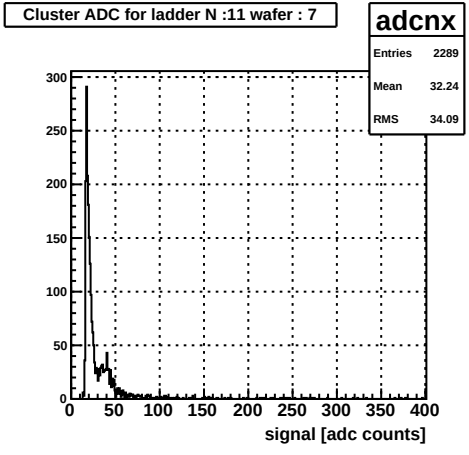

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3548
Mean 32.28
RMS 29.09
signal [adc counts]

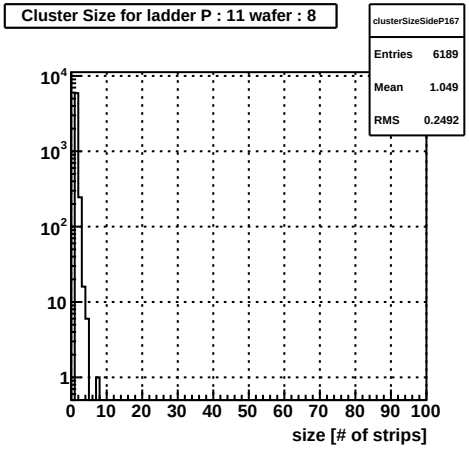

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 6012
Mean 1.05
RMS 0.2687
size [# of strips]

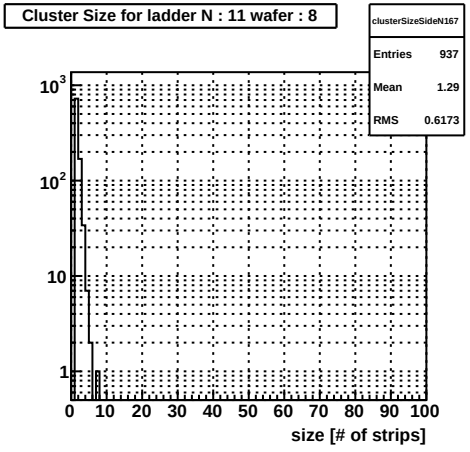

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2289
Mean 1.256
RMS 0.5137
size [# of strips]

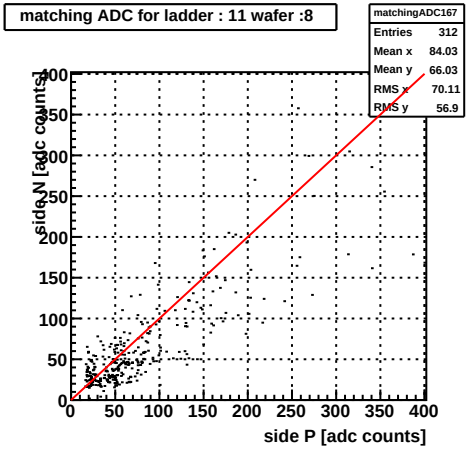

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 337
Mean x 68.66
Mean y 60.5
RMS x 61.16
RMS y 57.89
side N [adc counts]
side P [adc counts]

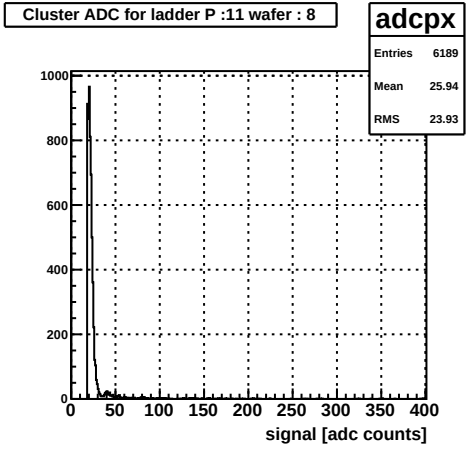

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 6012
Mean 29.63
RMS 24.09
signal [adc counts]

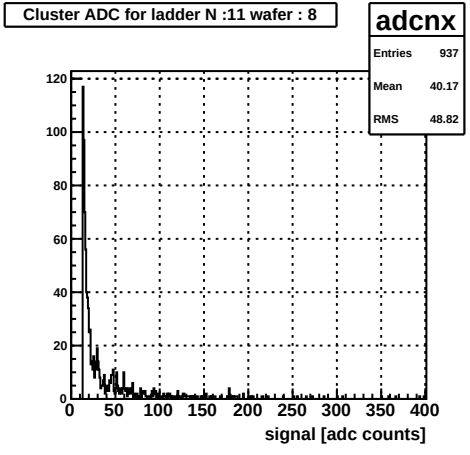

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2289
Mean 32.24
RMS 34.09
signal [adc counts]

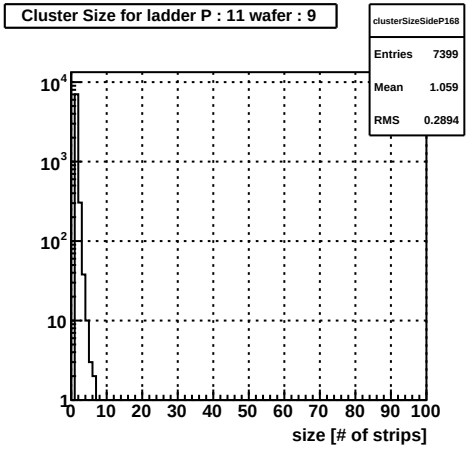

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6189
Mean 1.049
RMS 0.2492
size [# of strips]

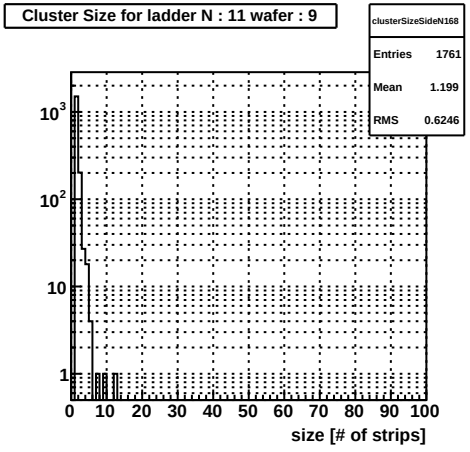

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 937
Mean 1.29
RMS 0.6173
size [# of strips]

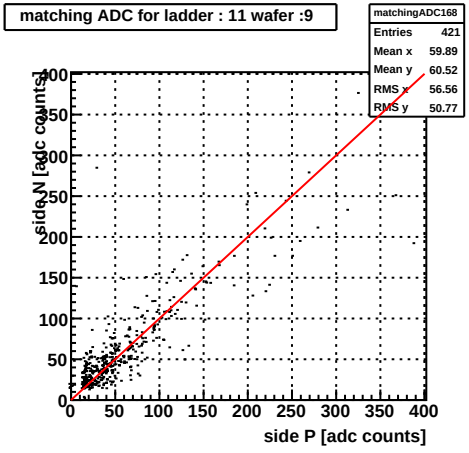

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 312
Mean x 84.03
Mean y 66.03
RMS x 70.11
RMS y 56.9
side N [adc counts]
side P [adc counts]

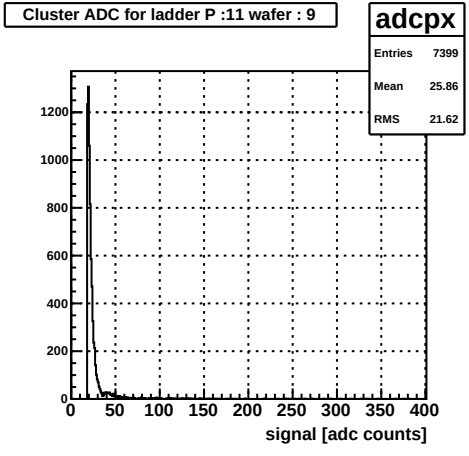

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6189
Mean 25.94
RMS 23.93
signal [adc counts]

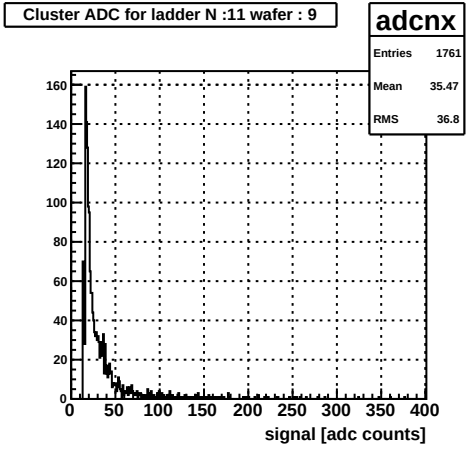

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 937
Mean 40.17
RMS 48.82
signal [adc counts]

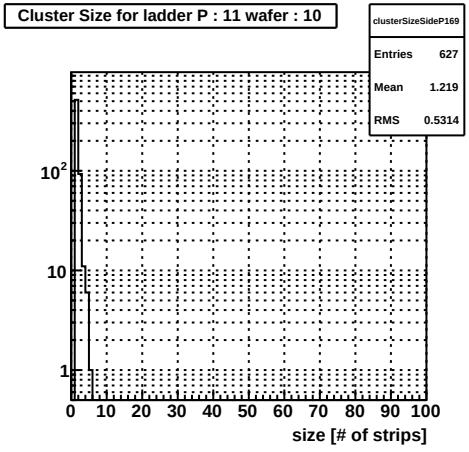

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 7399
Mean 1.059
RMS 0.2894
size [# of strips]

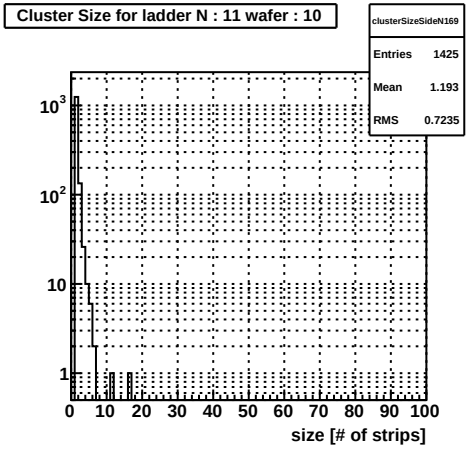

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1761
Mean 1.199
RMS 0.6246
size [# of strips]

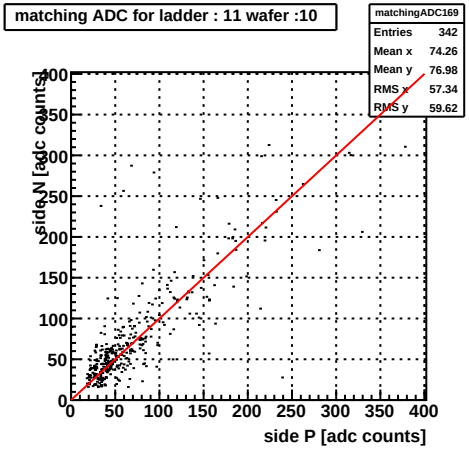

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 421
Mean x 59.89
Mean y 60.52
RMS x 56.56
RMS y 50.77
side N [adc counts]
side P [adc counts]

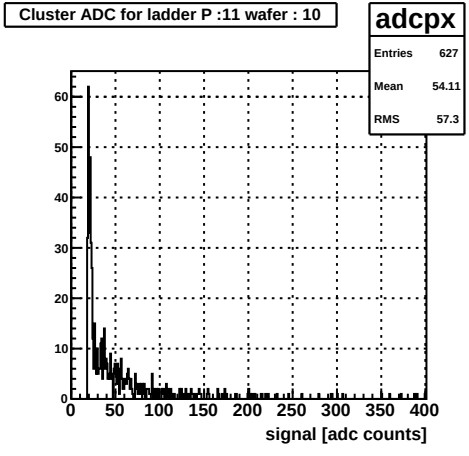

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 7399
Mean 25.86
RMS 21.62
signal [adc counts]

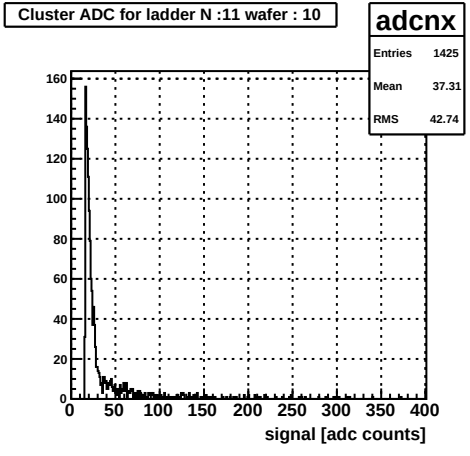

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1761
Mean 35.47
RMS 36.8
signal [adc counts]

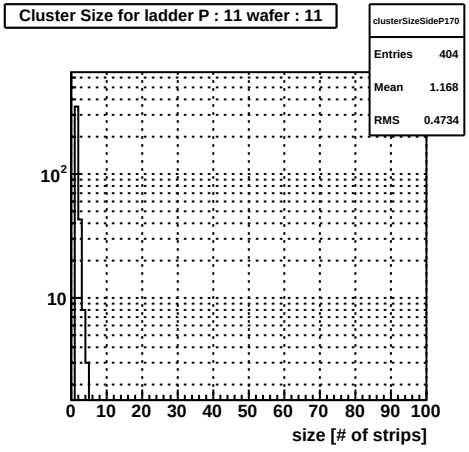

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 627
Mean 1.219
RMS 0.5314
size [# of strips]

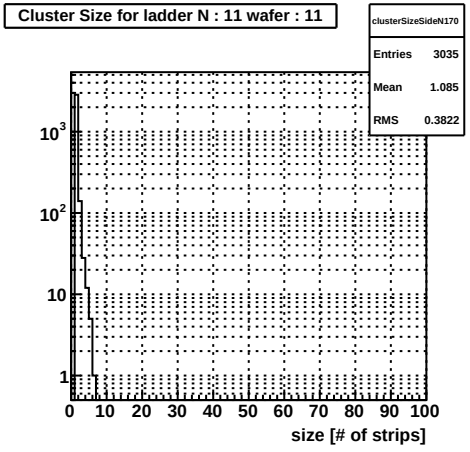

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1425
Mean 1.193
RMS 0.7235
size [# of strips]

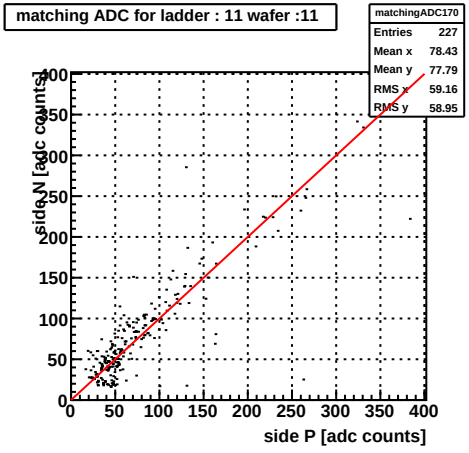

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 342
Mean x 74.26
Mean y 76.98
RMS x 57.34
RMS y 59.62
side N [adc counts]
side P [adc counts]

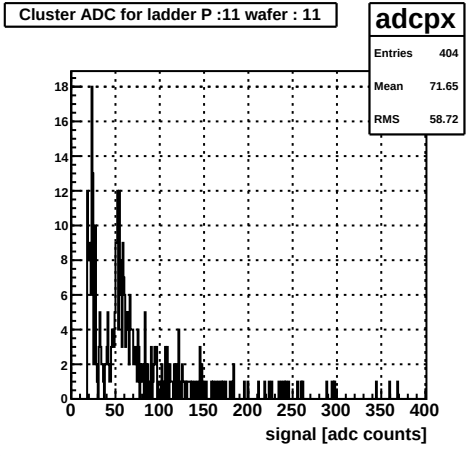

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 627
Mean 54.11
RMS 57.3
signal [adc counts]

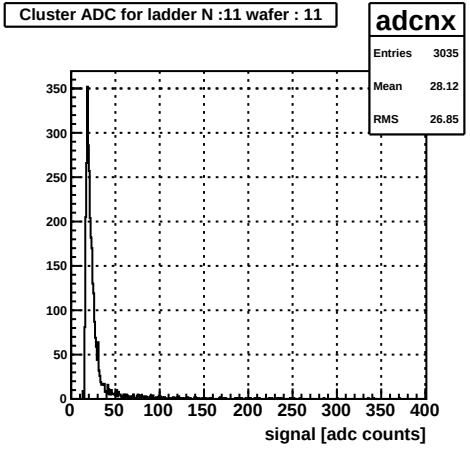

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1425
Mean 37.31
RMS 42.74
signal [adc counts]

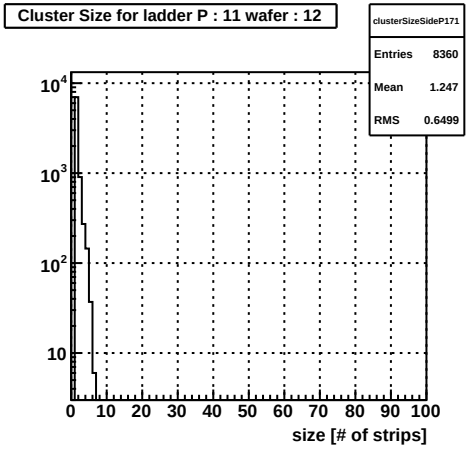

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 404
Mean 1.168
RMS 0.4734
size [# of strips]

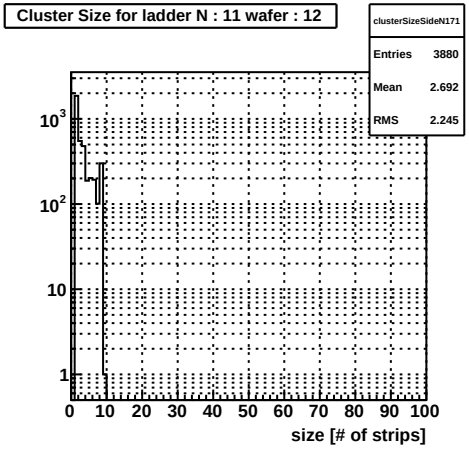

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3035
Mean 1.085
RMS 0.3822
size [# of strips]

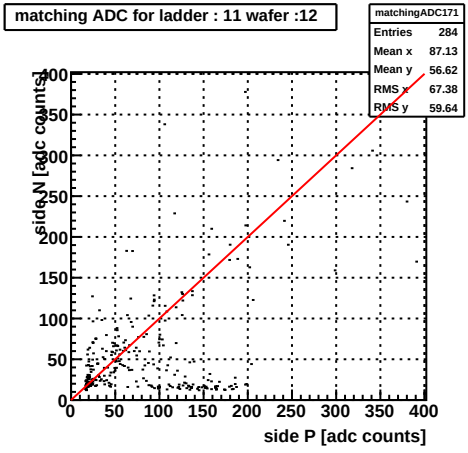

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 227
Mean x 78.43
Mean y 77.79
RMS x 59.16
RMS y 58.95
side N [adc counts]
side P [adc counts]

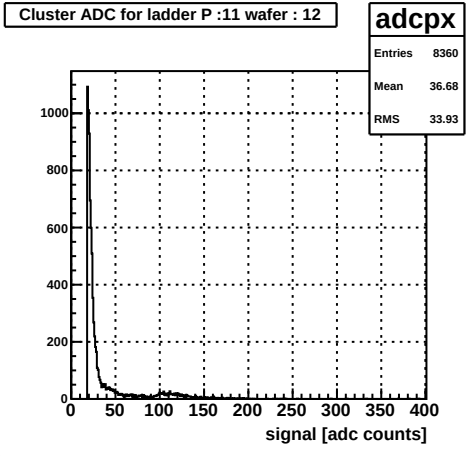

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 404
Mean 71.65
RMS 58.72
signal [adc counts]

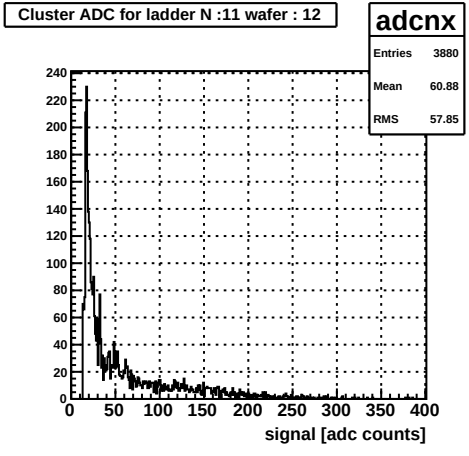

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3035
Mean 28.12
RMS 26.85
signal [adc counts]

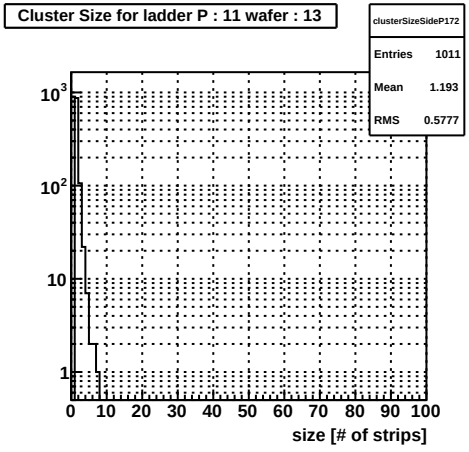

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8360
Mean 1.247
RMS 0.6499
size [# of strips]

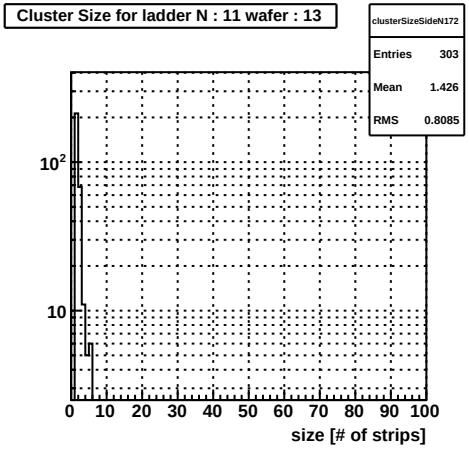

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 3880
Mean 2.692
RMS 2.245
size [# of strips]

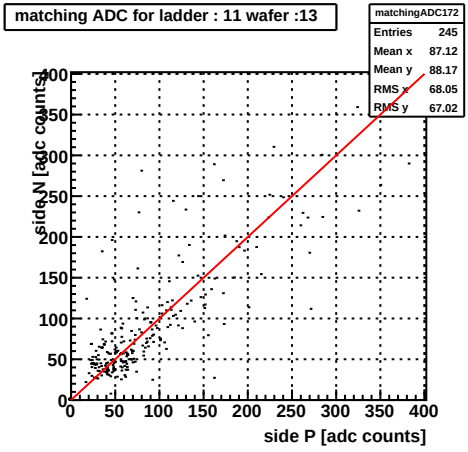

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 284
Mean x 87.13
Mean y 56.62
RMS x 67.38
RMS y 59.64
side N [adc counts]
side P [adc counts]

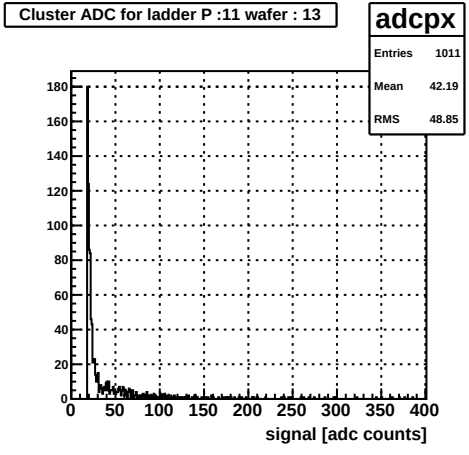

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8360
Mean 36.68
RMS 33.93
signal [adc counts]

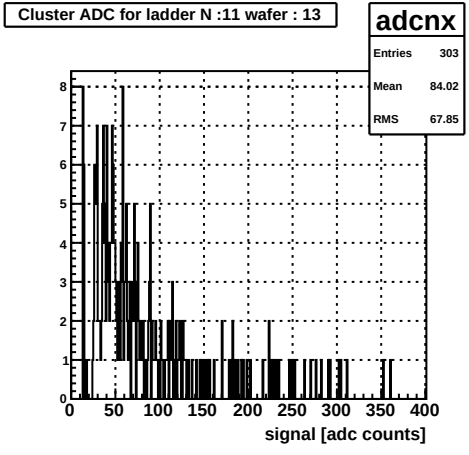

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 3880
Mean 60.88
RMS 57.85
signal [adc counts]

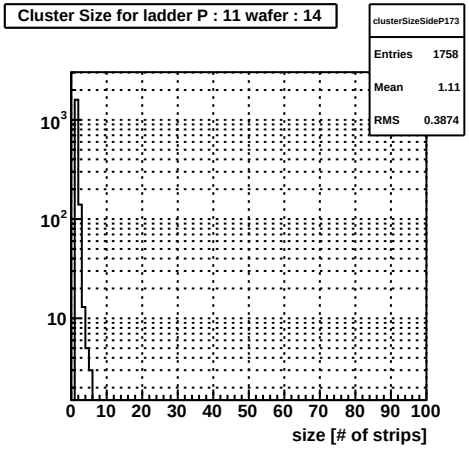

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1011
Mean 1.193
RMS 0.5777
size [# of strips]

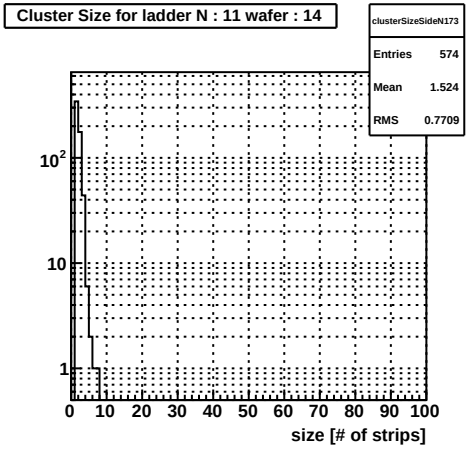

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 303
Mean 1.426
RMS 0.8085
size [# of strips]

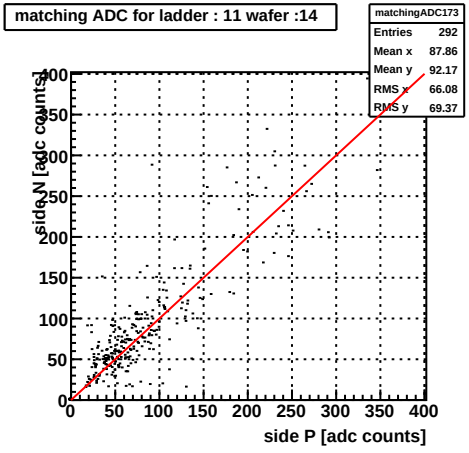

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 245
Mean x 87.12
Mean y 88.17
RMS x 68.05
RMS y 67.02
side N [adc counts]
side P [adc counts]

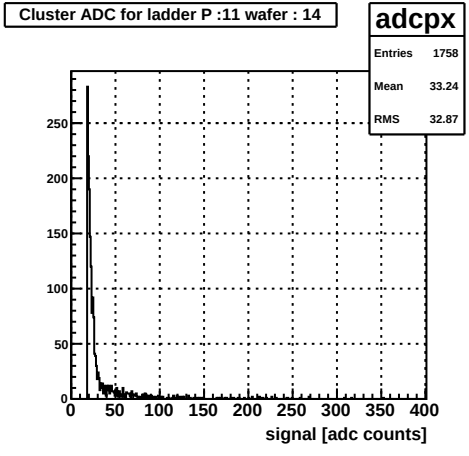

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1011
Mean 42.19
RMS 48.85
signal [adc counts]

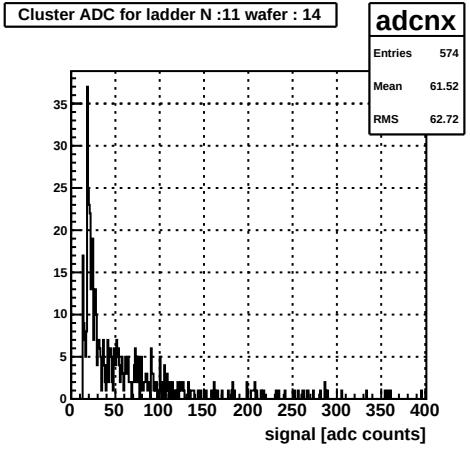

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 303
Mean 84.02
RMS 67.85
signal [adc counts]

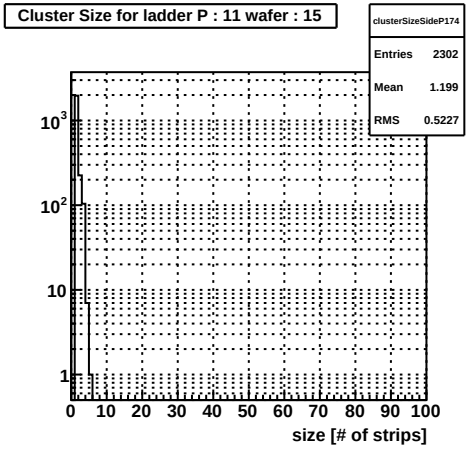

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1758
Mean 1.11
RMS 0.3874
size [# of strips]

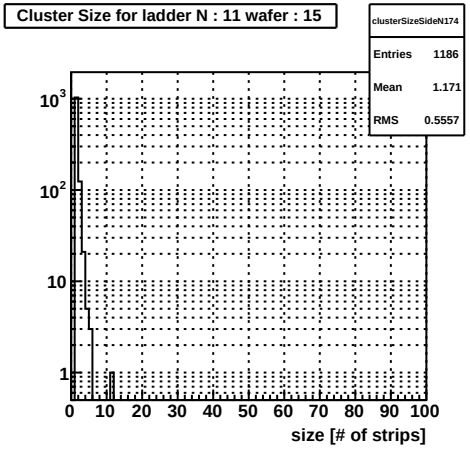

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 574
Mean 1.524
RMS 0.7709
size [# of strips]

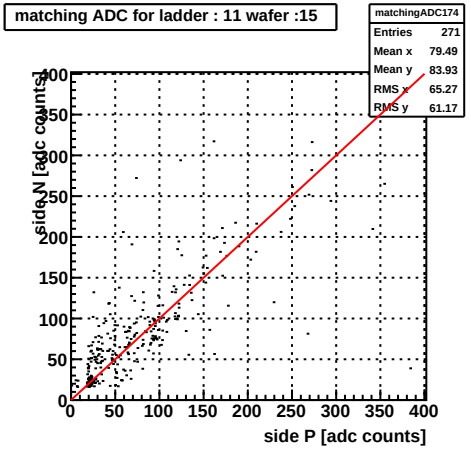

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 292
Mean x 87.86
Mean y 92.17
RMS x 66.08
RMS y 69.37
side N [adc counts]
side P [adc counts]

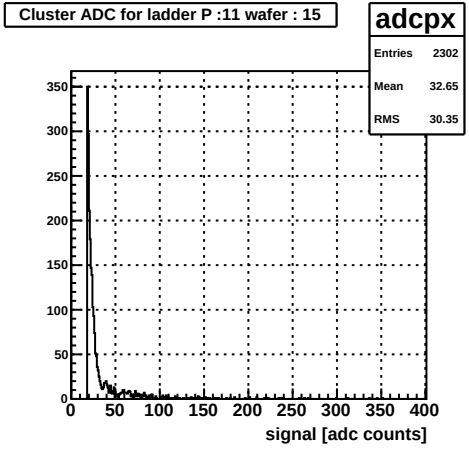

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1758
Mean 33.24
RMS 32.87
signal [adc counts]

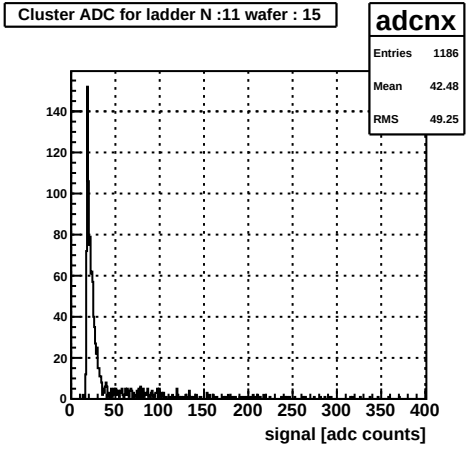

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 574
Mean 61.52
RMS 62.72
signal [adc counts]

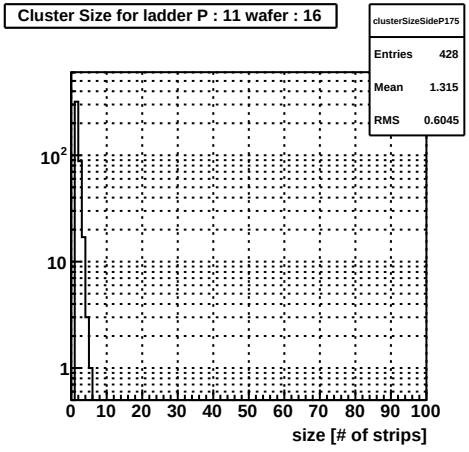

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2302
Mean 1.199
RMS 0.5227
size [# of strips]

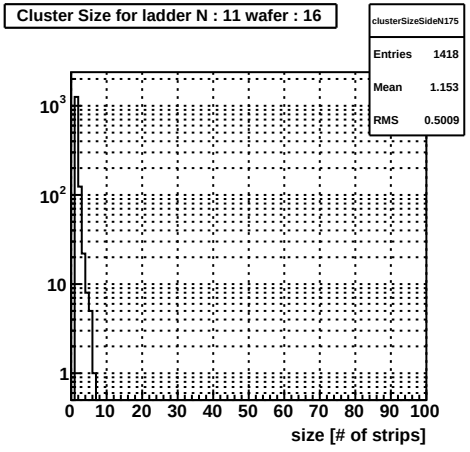

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1186
Mean 1.171
RMS 0.5557
size [# of strips]

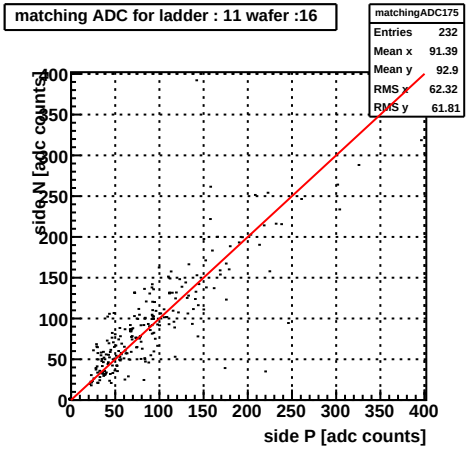

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 271
Mean x 79.49
Mean y 83.93
RMS x 65.27
RMS y 61.17
side N [adc counts]
side P [adc counts]

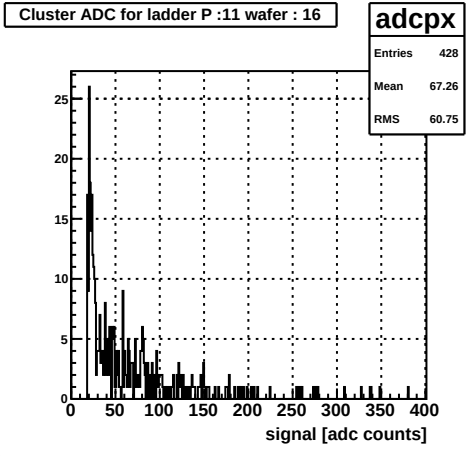

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2302
Mean 32.65
RMS 30.35
signal [adc counts]

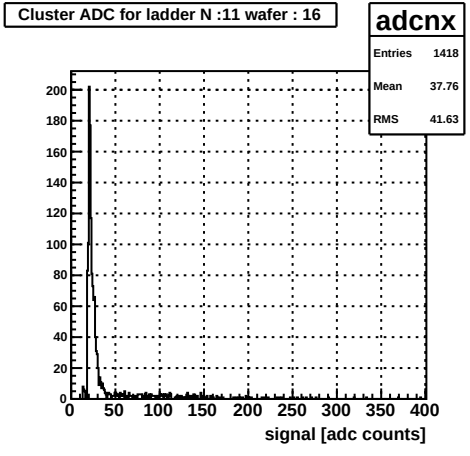

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1186
Mean 42.48
RMS 49.25
signal [adc counts]

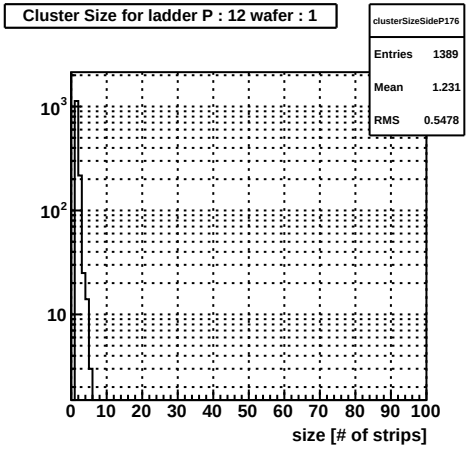

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 428
Mean 1.315
RMS 0.6045
size [# of strips]

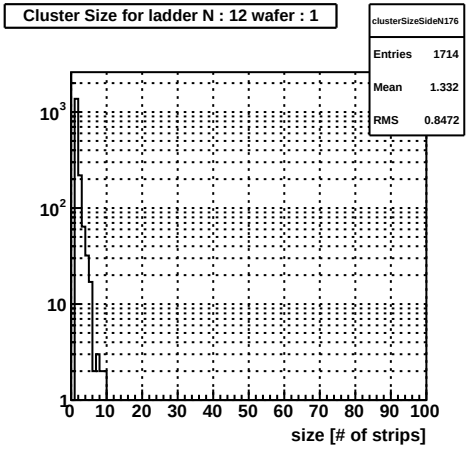

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1418
Mean 1.153
RMS 0.5009
size [# of strips]

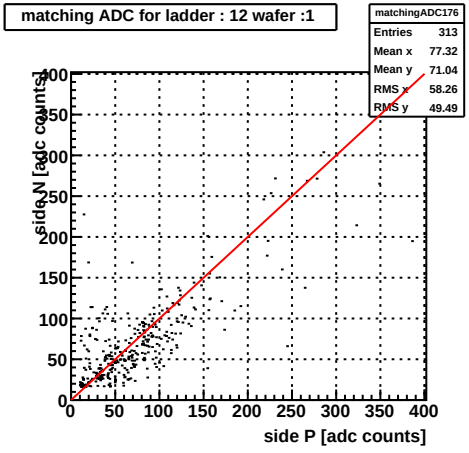

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 232
Mean x 91.39
Mean y 92.9
RMS x 62.32
RMS y 61.81
side N [adc counts]
side P [adc counts]

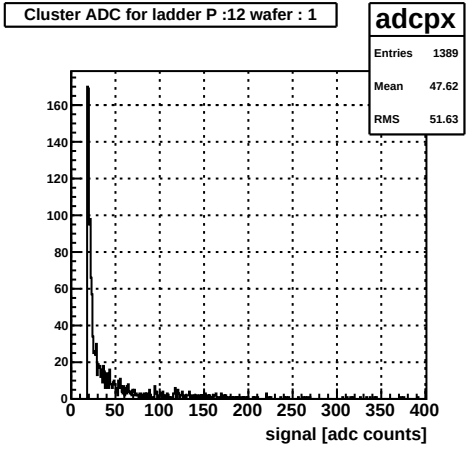

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 428
Mean 67.26
RMS 60.75
signal [adc counts]

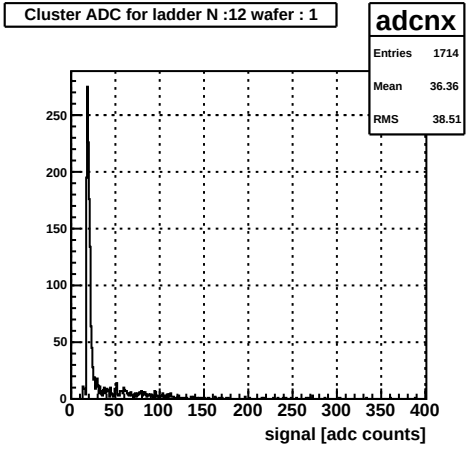

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1418
Mean 37.76
RMS 41.63
signal [adc counts]

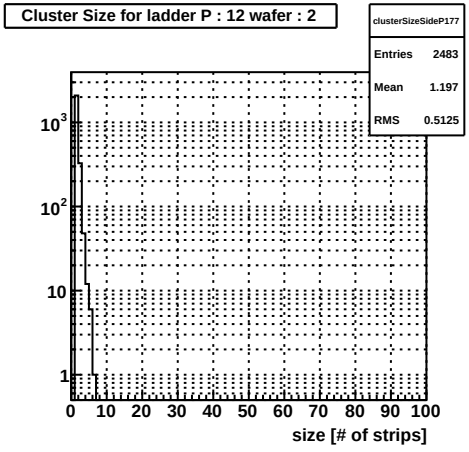

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1389
Mean 1.231
RMS 0.5478
size [# of strips]

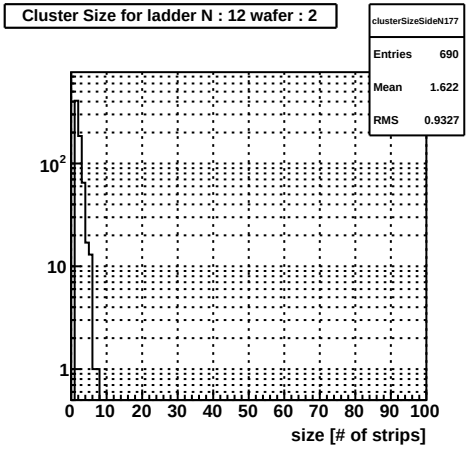

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1714
Mean 1.332
RMS 0.8472
size [# of strips]

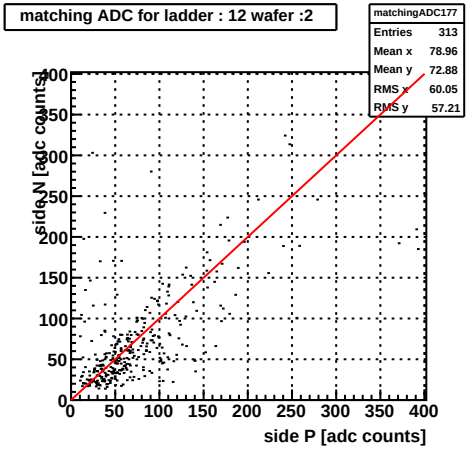

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 313
Mean x 77.32
Mean y 71.04
RMS x 58.26
RMS y 49.49
side N [adc counts]
side P [adc counts]

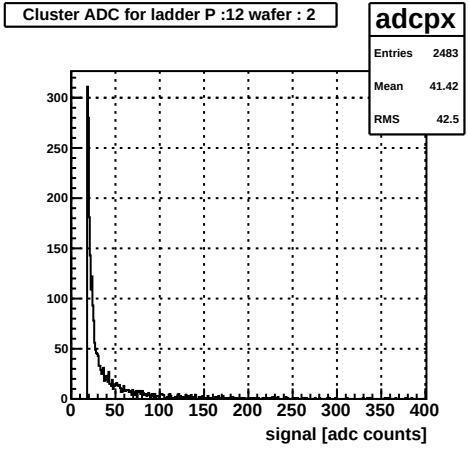

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1389
Mean 47.62
RMS 51.63
signal [adc counts]

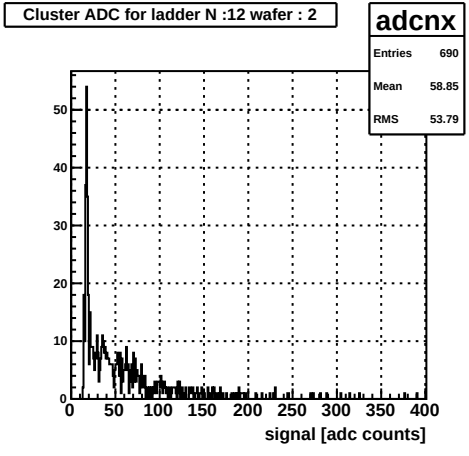

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1714
Mean 36.36
RMS 38.51
signal [adc counts]

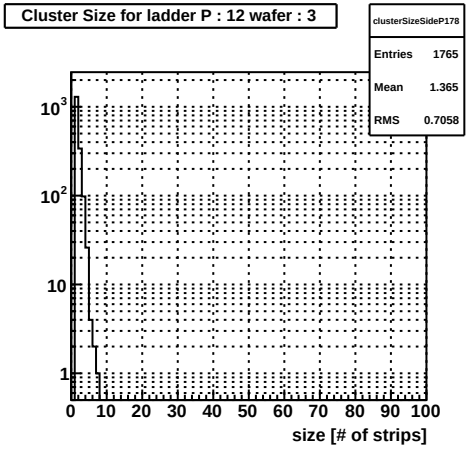

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2483
Mean 1.197
RMS 0.5125
size [# of strips]

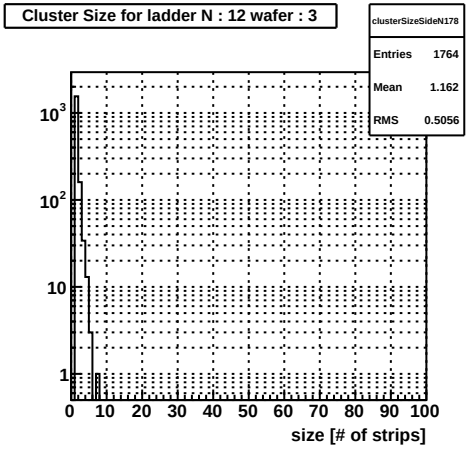

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 690
Mean 1.622
RMS 0.9327
size [# of strips]

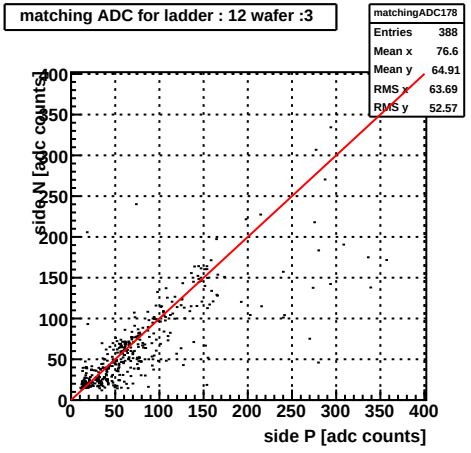

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 313
Mean x 78.96
Mean y 72.88
RMS x 60.05
RMS y 57.21
side N [adc counts]
side P [adc counts]

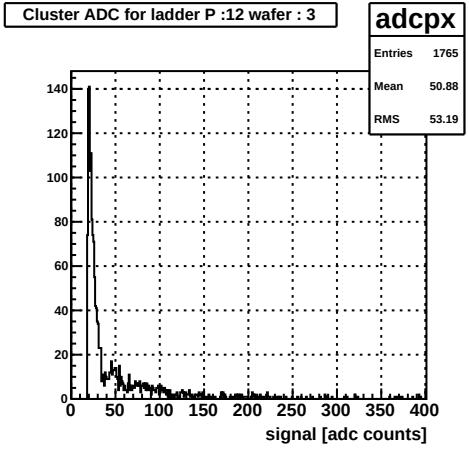

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2483
Mean 41.42
RMS 42.5
signal [adc counts]

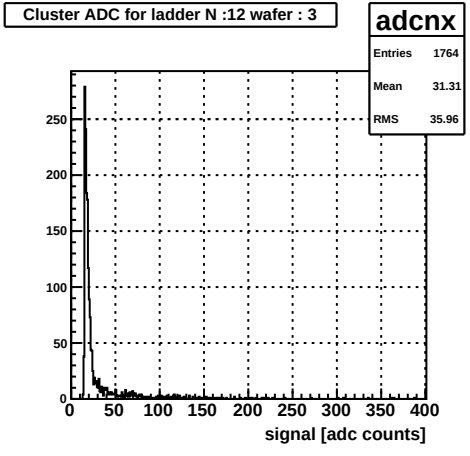

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 690
Mean 58.85
RMS 53.79
signal [adc counts]

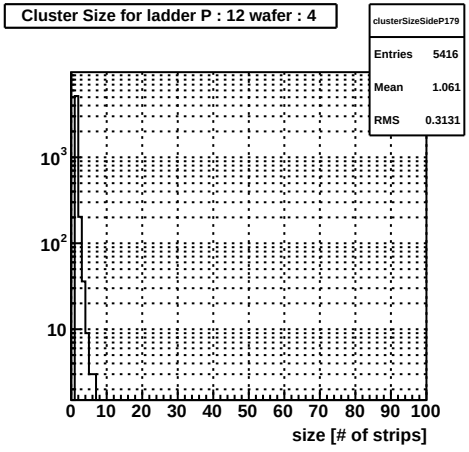

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1765
Mean 1.365
RMS 0.7058
size [# of strips]

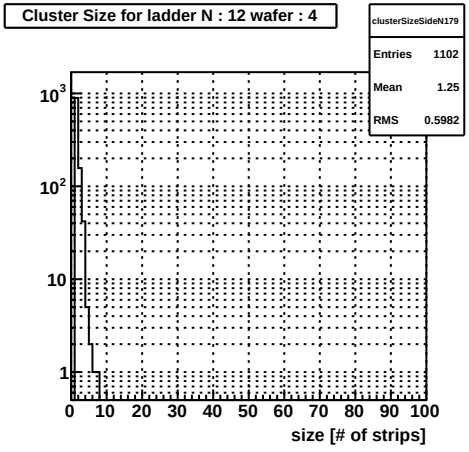

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1764
Mean 1.162
RMS 0.5056
size [# of strips]

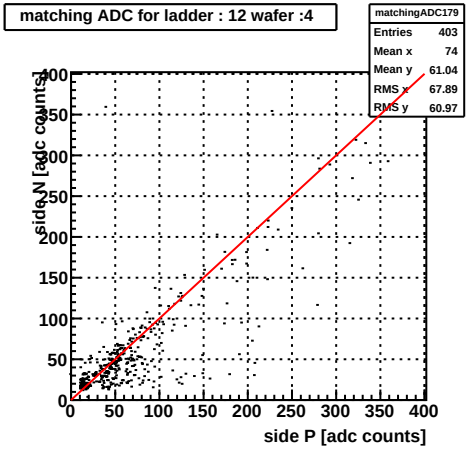

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 388
Mean x 76.6
Mean y 64.91
RMS x 63.69
RMS y 52.57
side N [adc counts]
side P [adc counts]

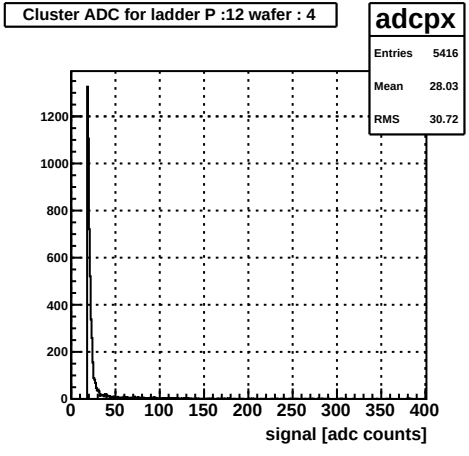

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1765
Mean 50.88
RMS 53.19
signal [adc counts]

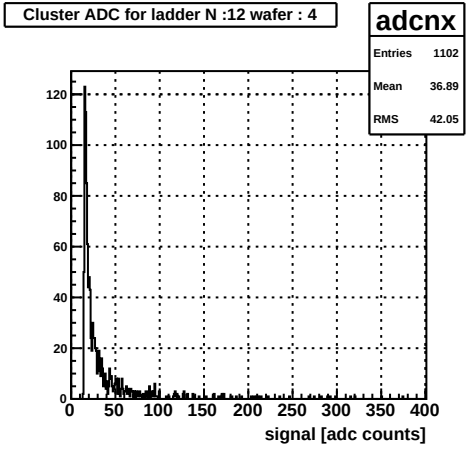

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1764
Mean 31.31
RMS 35.96
signal [adc counts]

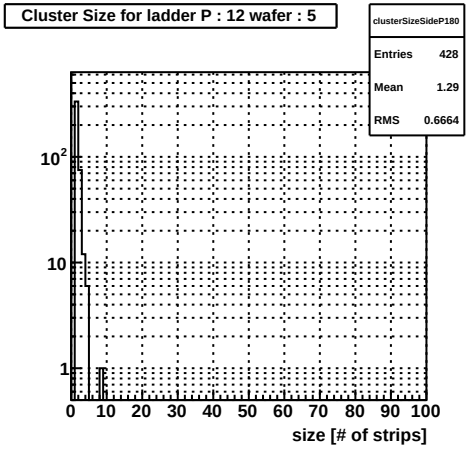

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5416
Mean 1.061
RMS 0.3131
size [# of strips]

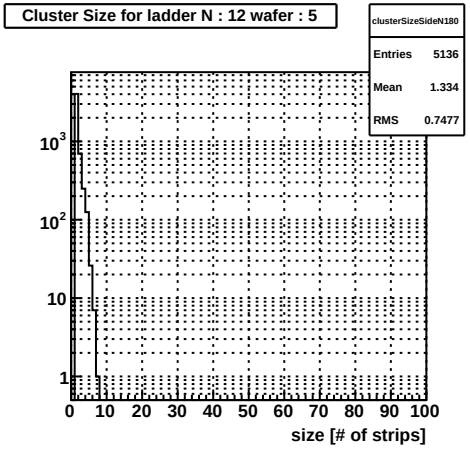

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1102
Mean 1.25
RMS 0.5982
size [# of strips]

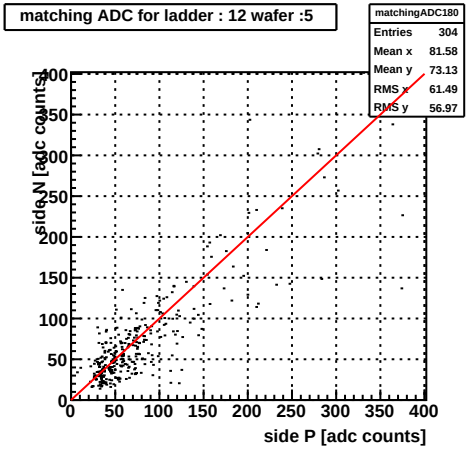

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 403
Mean x 74
Mean y 61.04
RMS x 67.89
RMS y 60.97
side N [adc counts]
side P [adc counts]

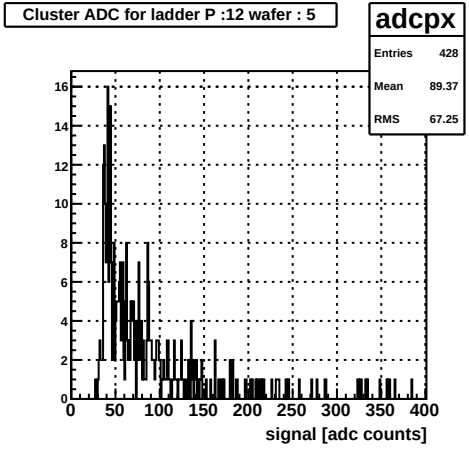

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5416
Mean 28.03
RMS 30.72
signal [adc counts]

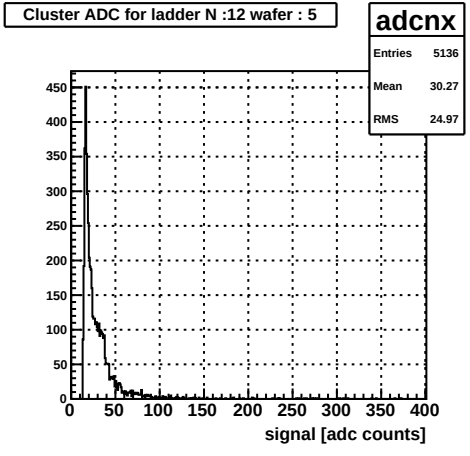

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1102
Mean 36.89
RMS 42.05
signal [adc counts]

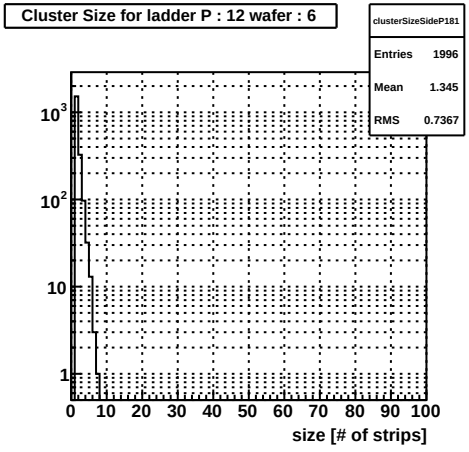

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 428
Mean 1.29
RMS 0.6664
size [# of strips]

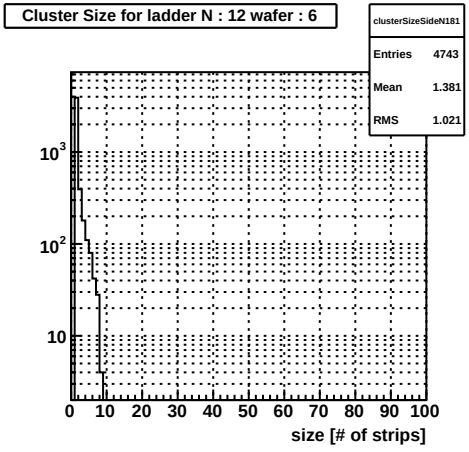

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5136
Mean 1.334
RMS 0.7477
size [# of strips]

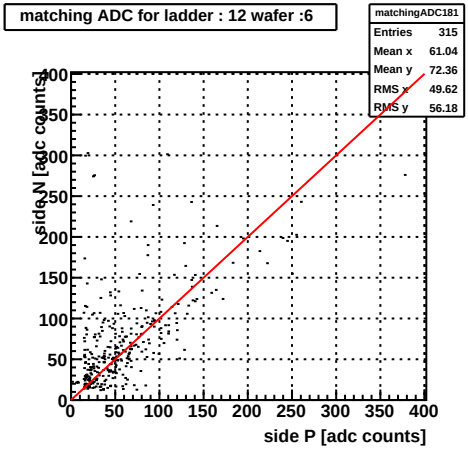

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 304
Mean x 81.58
Mean y 73.13
RMS x 61.49
RMS y 56.97
side N [adc counts]
side P [adc counts]

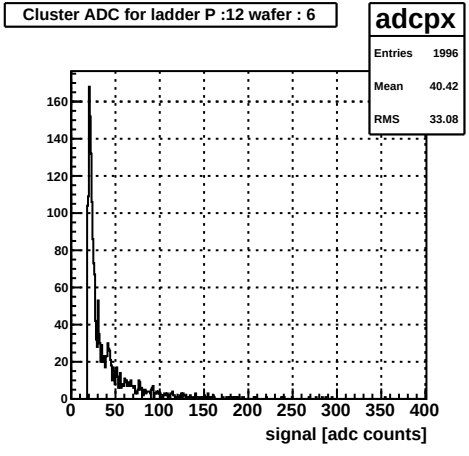

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 428
Mean 89.37
RMS 67.25
signal [adc counts]

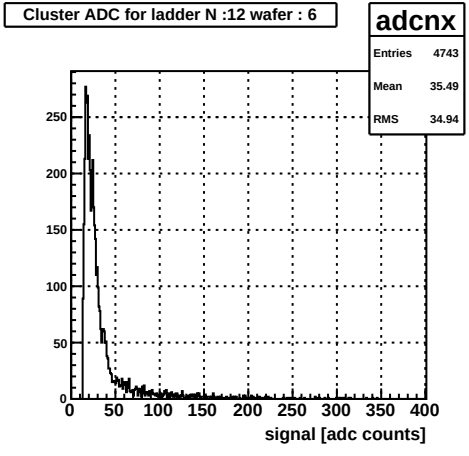

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5136
Mean 30.27
RMS 24.97
signal [adc counts]

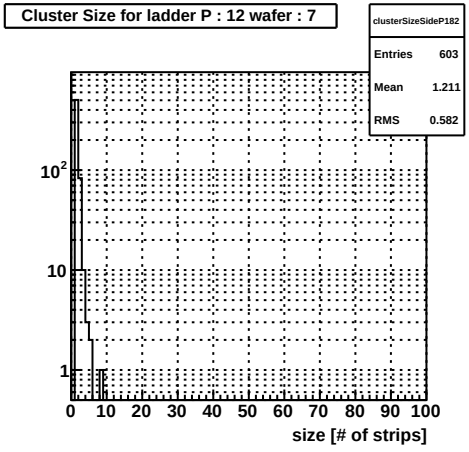

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1996
Mean 1.345
RMS 0.7367
size [# of strips]

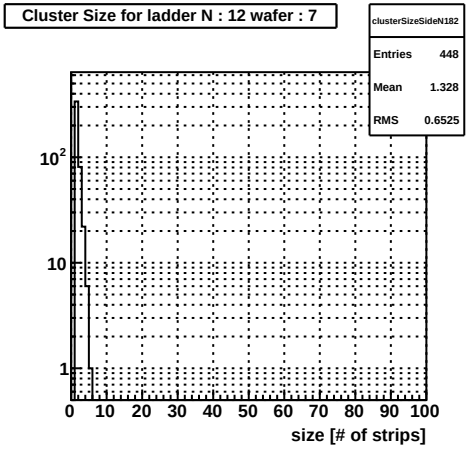

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4743
Mean 1.381
RMS 1.021
size [# of strips]

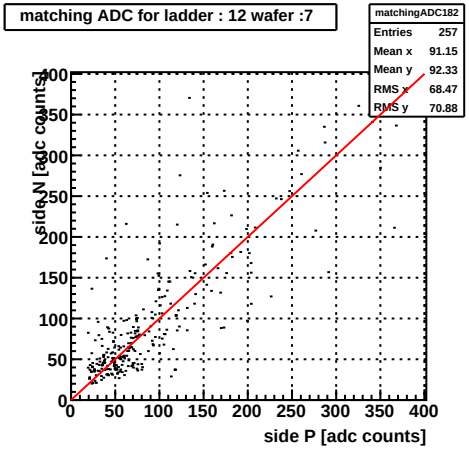

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 315
Mean x 61.04
Mean y 72.36
RMS x 49.62
RMS y 56.18
side N [adc counts]
side P [adc counts]

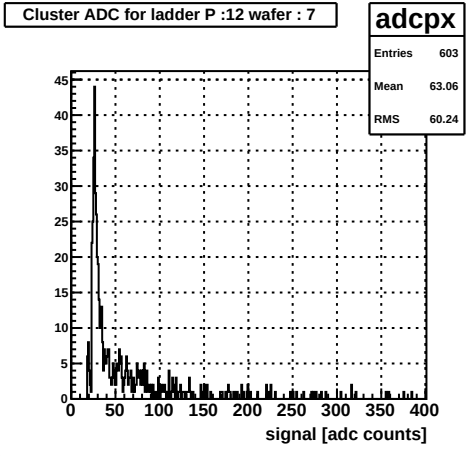

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1996
Mean 40.42
RMS 33.08
signal [adc counts]

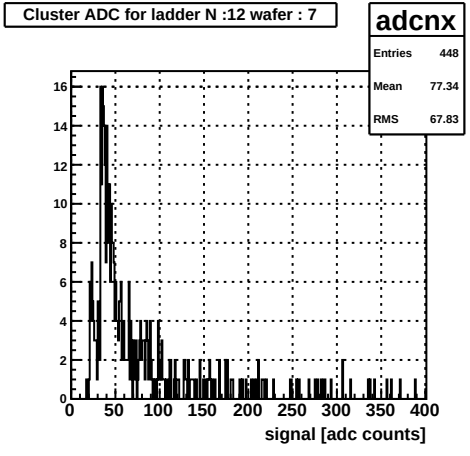

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4743
Mean 35.49
RMS 34.94
signal [adc counts]

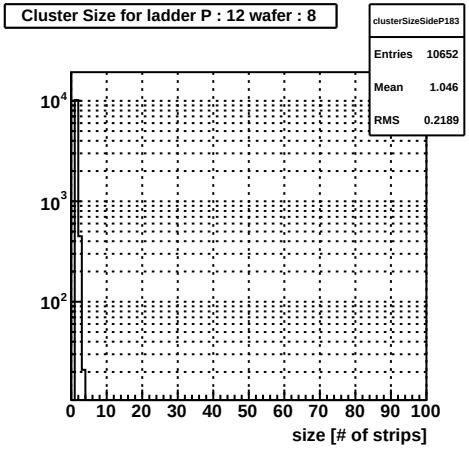

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 603
Mean 1.211
RMS 0.582
size [# of strips]

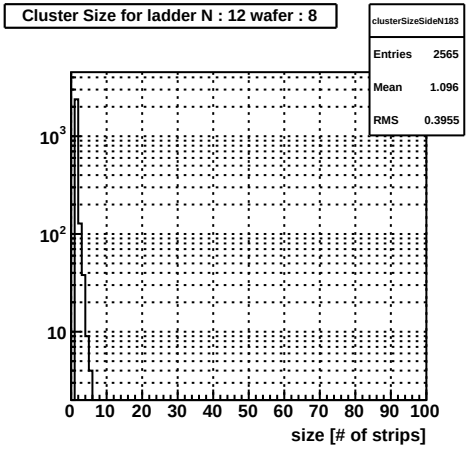

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 448
Mean 1.328
RMS 0.6525
size [# of strips]

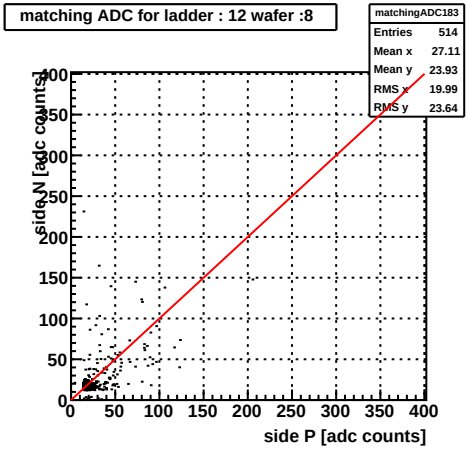

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 257
Mean x 91.15
Mean y 92.33
RMS x 68.47
RMS y 70.88
side N [adc counts]
side P [adc counts]

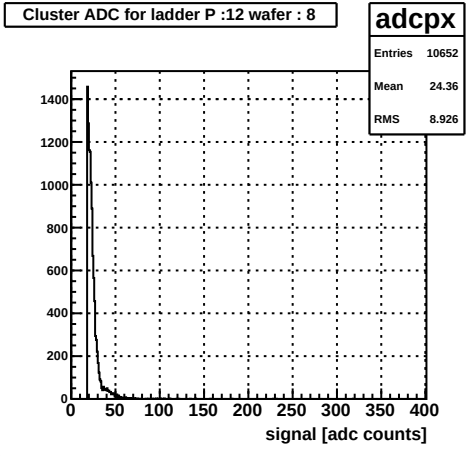

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 603
Mean 63.06
RMS 60.24
signal [adc counts]

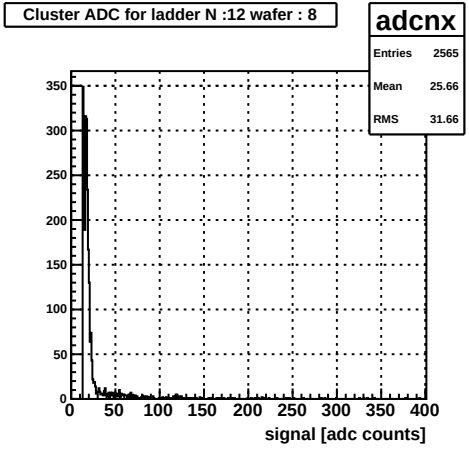

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 448
Mean 77.34
RMS 67.83
signal [adc counts]

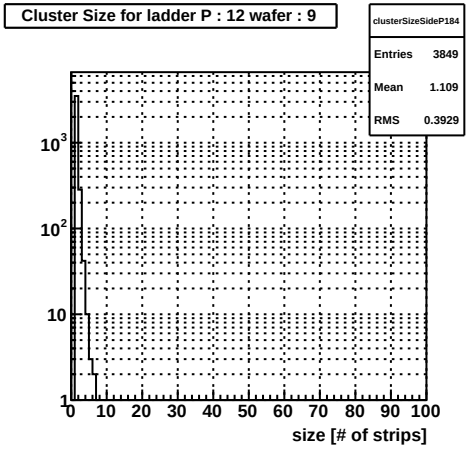

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10652
Mean 1.046
RMS 0.2189
size [# of strips]

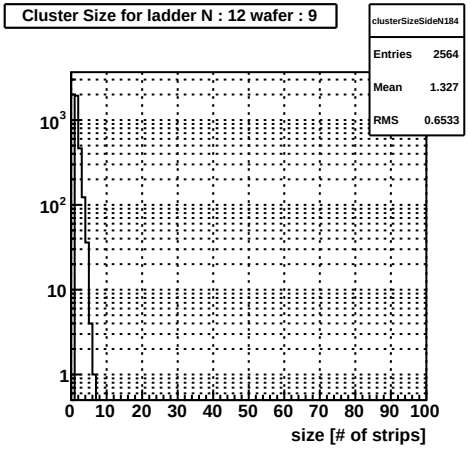

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2565
Mean 1.096
RMS 0.3955
size [# of strips]

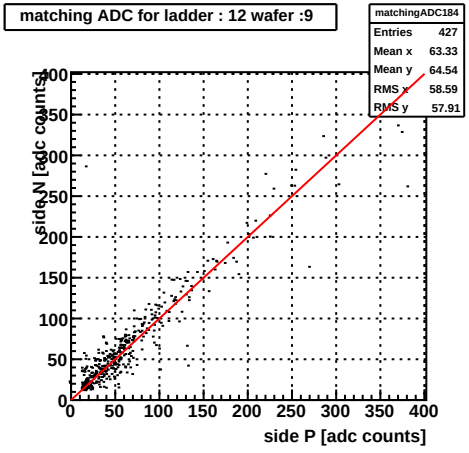

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 514
Mean x 27.11
Mean y 23.93
RMS x 19.99
RMS y 23.64
side N [adc counts]
side P [adc counts]

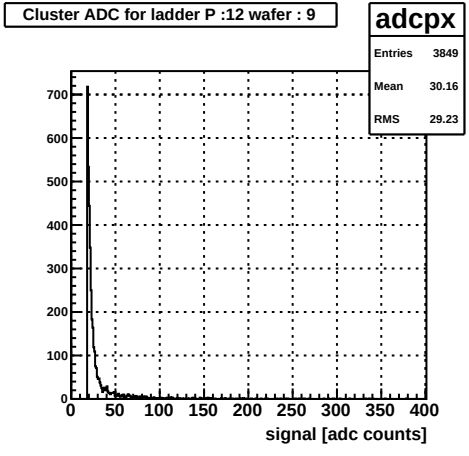

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10652
Mean 24.36
RMS 8.926
signal [adc counts]

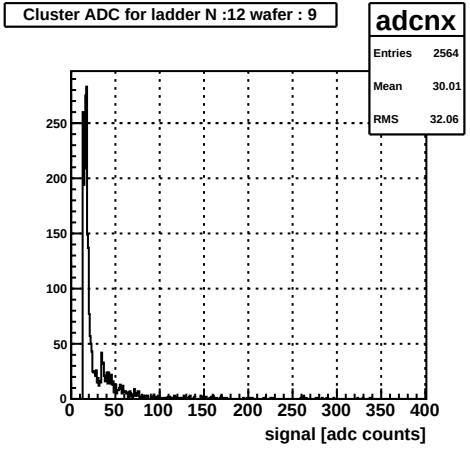

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2565
Mean 25.66
RMS 31.66
signal [adc counts]

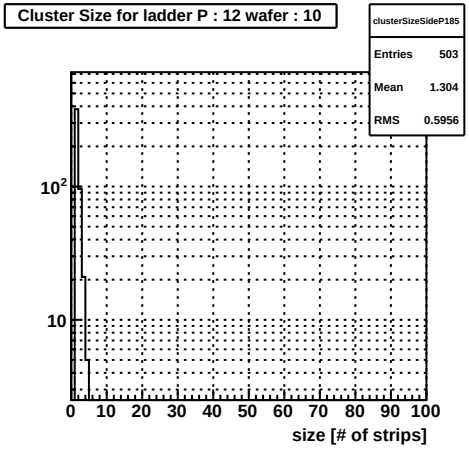

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3849
Mean 1.109
RMS 0.3929
size [# of strips]

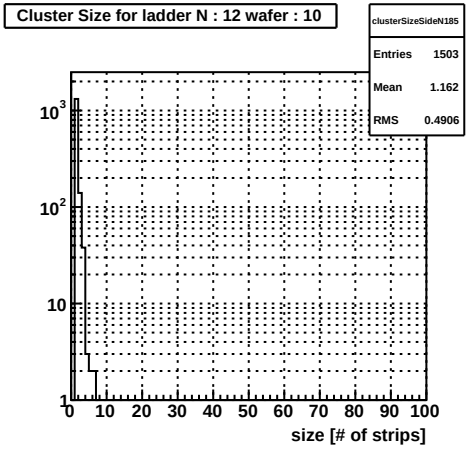

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2564
Mean 1.327
RMS 0.6533
size [# of strips]

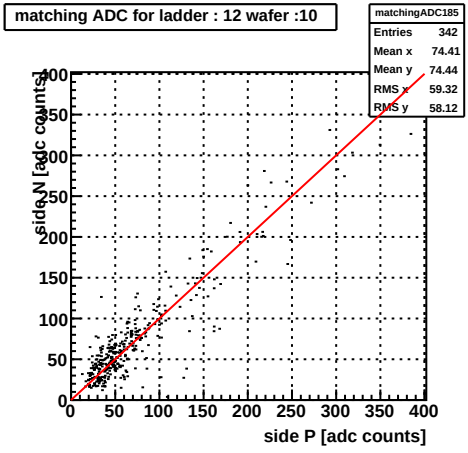

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 427
Mean x 63.33
Mean y 64.54
RMS x 58.59
RMS y 57.91
side N [adc counts]
side P [adc counts]

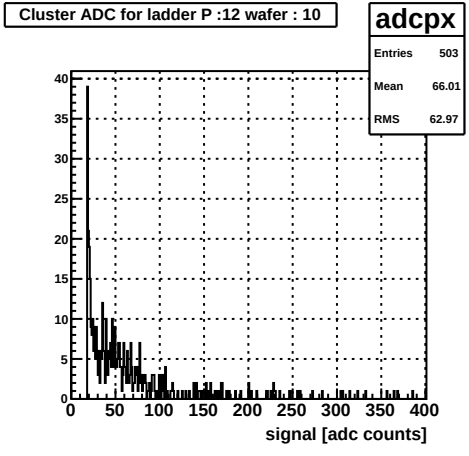

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3849
Mean 30.16
RMS 29.23
signal [adc counts]

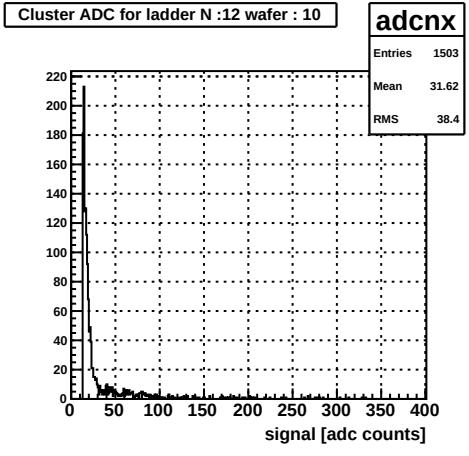

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2564
Mean 30.01
RMS 32.06
signal [adc counts]

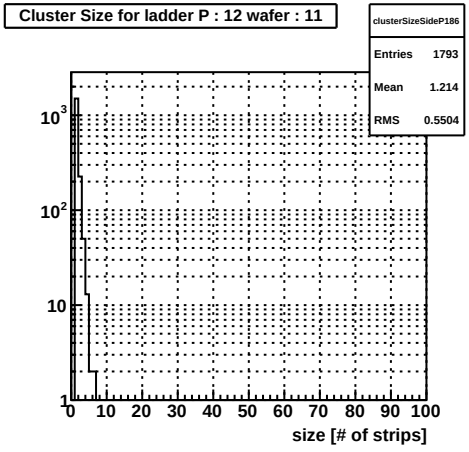

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 503
Mean 1.304
RMS 0.5956
size [# of strips]

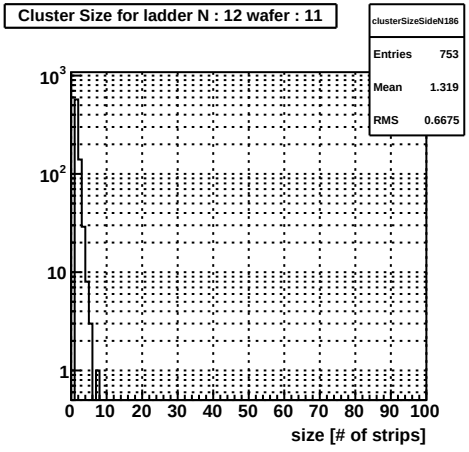

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1503
Mean 1.162
RMS 0.4906
size [# of strips]

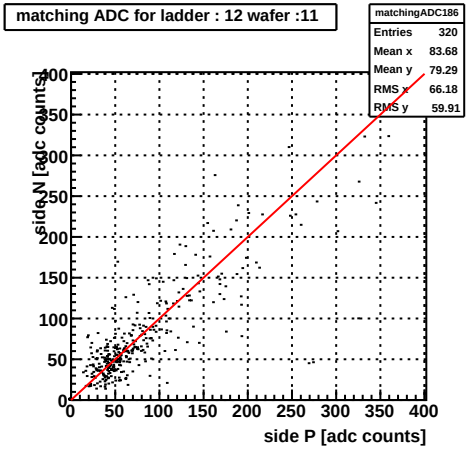

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 342
Mean x 74.41
Mean y 74.44
RMS x 59.32
RMS y 58.12
side N [adc counts]
side P [adc counts]

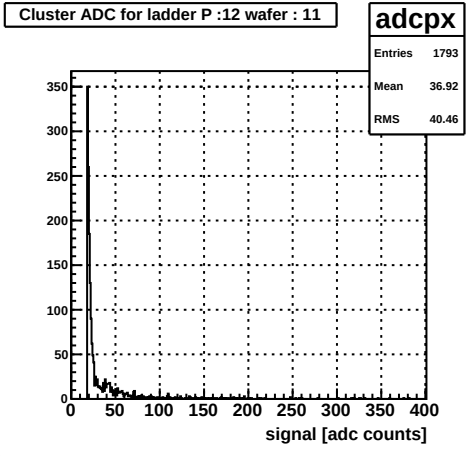

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 503
Mean 66.01
RMS 62.97
signal [adc counts]

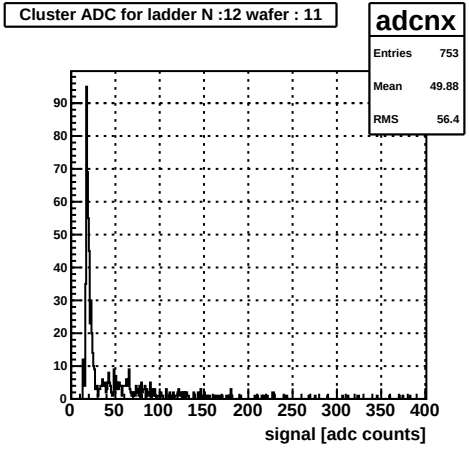

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1503
Mean 31.62
RMS 38.4
signal [adc counts]

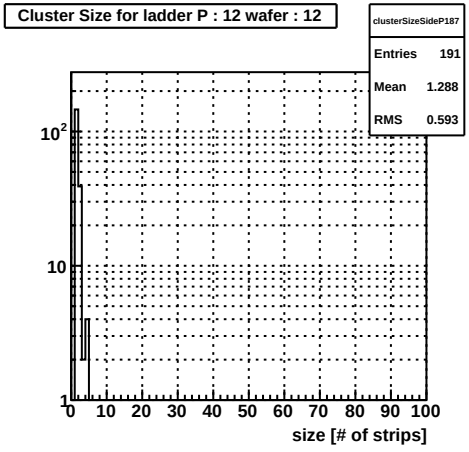

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1793
Mean 1.214
RMS 0.5504
size [# of strips]

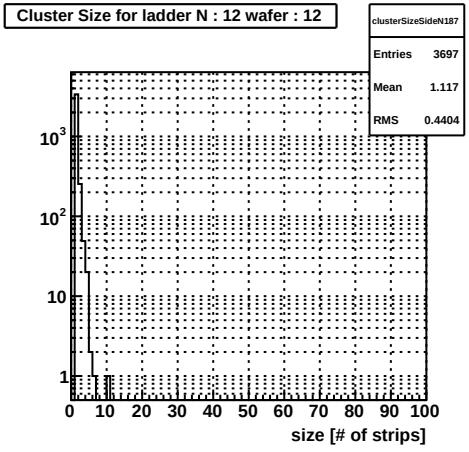

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 753
Mean 1.319
RMS 0.6675
size [# of strips]

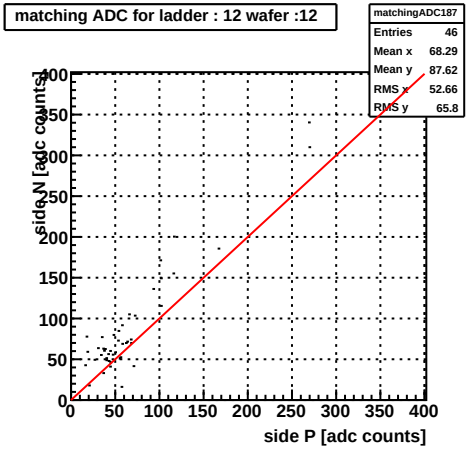

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 320
Mean x 83.68
Mean y 79.29
RMS x 66.18
RMS y 59.91
side N [adc counts]
side P [adc counts]

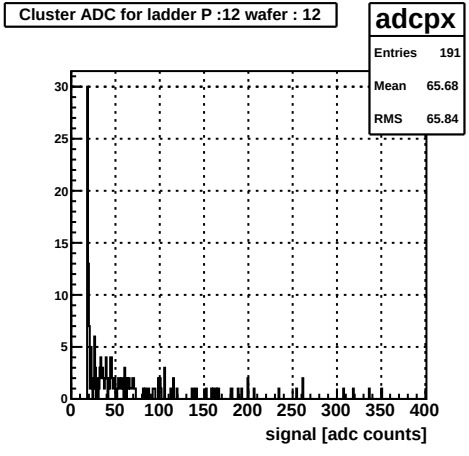

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1793
Mean 36.92
RMS 40.46
signal [adc counts]

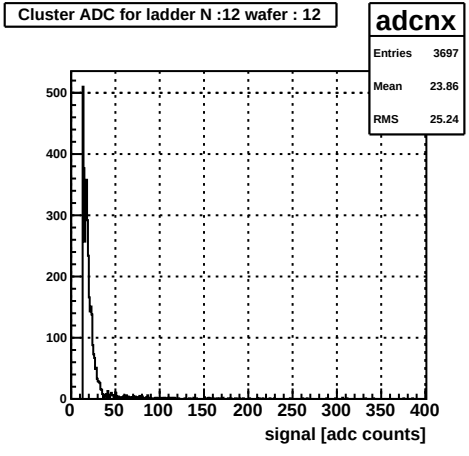

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 753
Mean 49.88
RMS 56.4
signal [adc counts]

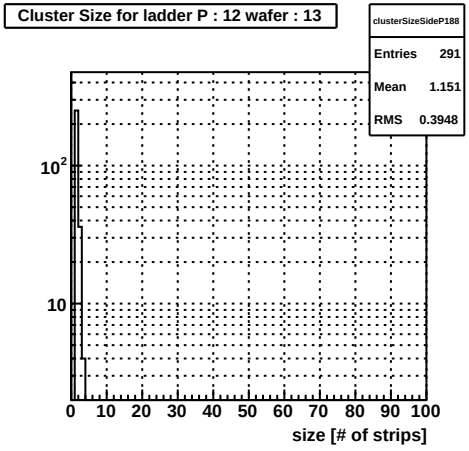

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 191
Mean 1.288
RMS 0.593
size [# of strips]

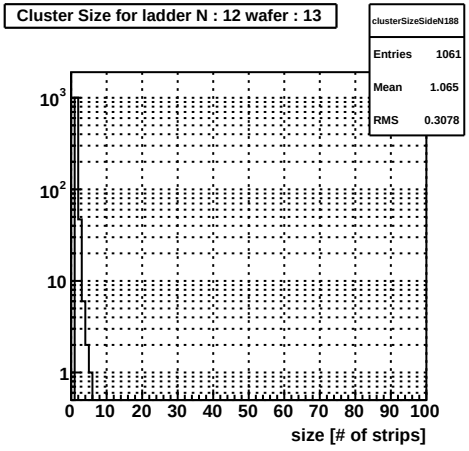

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3697
Mean 1.117
RMS 0.4404
size [# of strips]

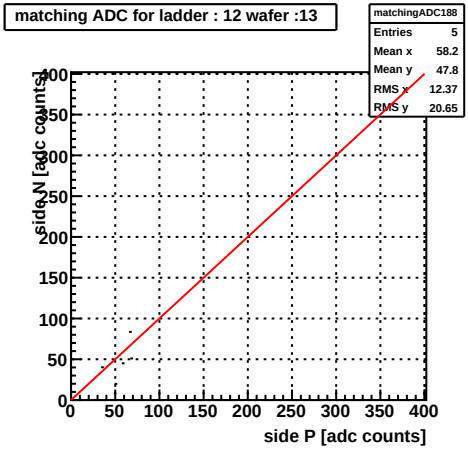

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 46
Mean x 68.29
Mean y 87.62
RMS x 52.66
RMS y 65.8
side N [adc counts]
side P [adc counts]

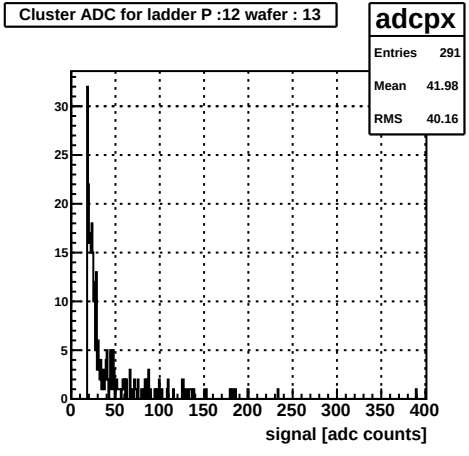

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 191
Mean 65.68
RMS 65.84
signal [adc counts]

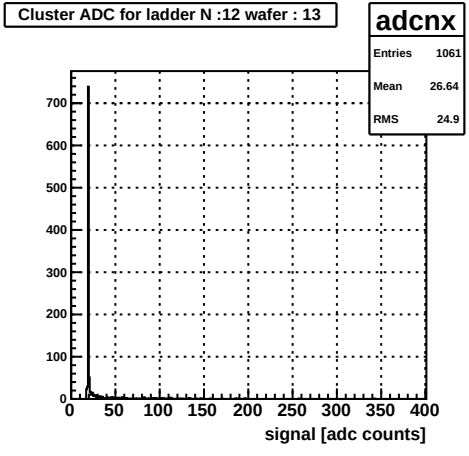

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3697
Mean 23.86
RMS 25.24
signal [adc counts]

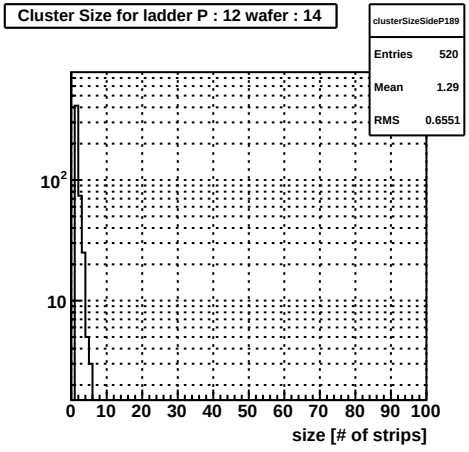

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 291
Mean 1.151
RMS 0.3948
size [# of strips]

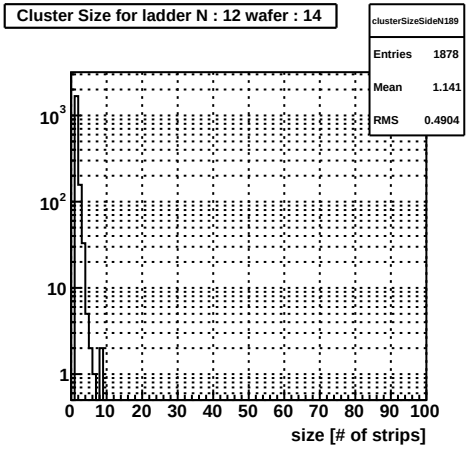

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1061
Mean 1.065
RMS 0.3078
size [# of strips]

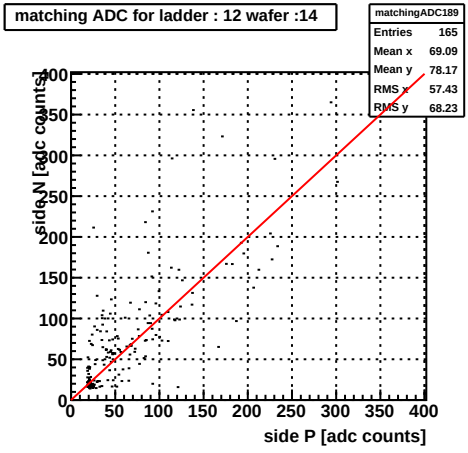

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 58.2
Mean y 47.8
RMS x 12.37
RMS y 20.65
side N [adc counts]
side P [adc counts]

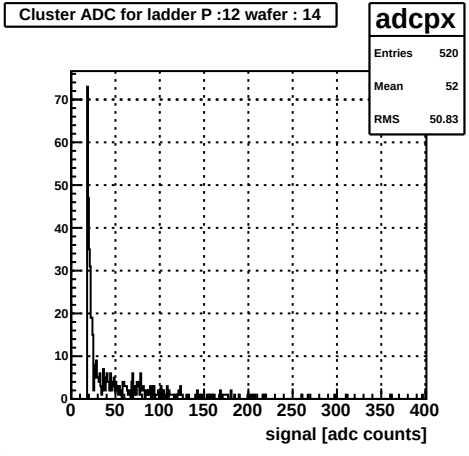

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 291
Mean 41.98
RMS 40.16
signal [adc counts]

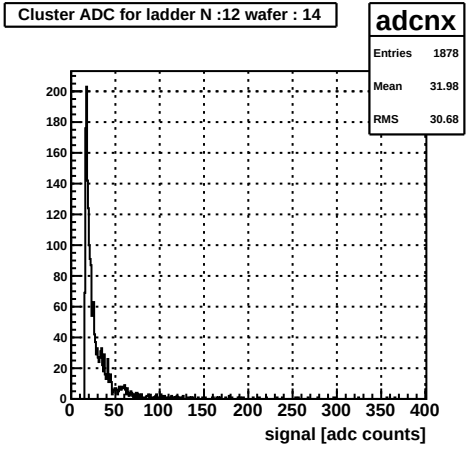

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1061
Mean 26.64
RMS 24.9
signal [adc counts]

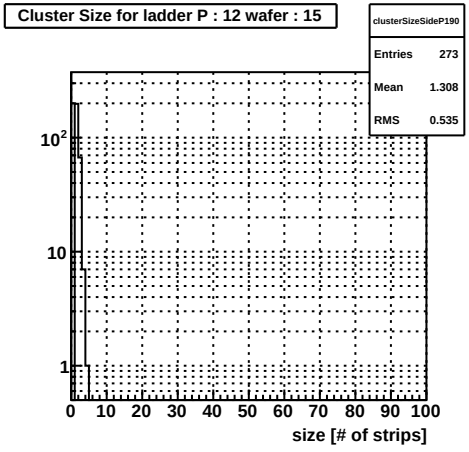

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 520
Mean 1.29
RMS 0.6551
size [# of strips]

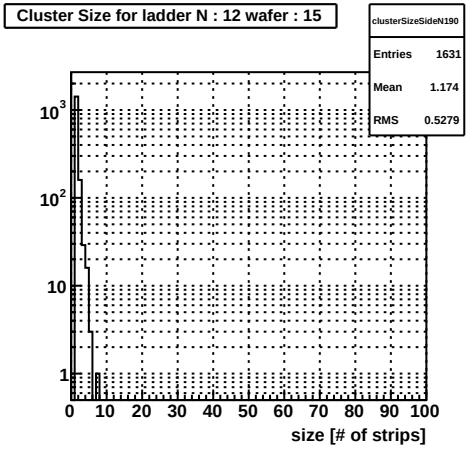

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1878
Mean 1.141
RMS 0.4904
size [# of strips]

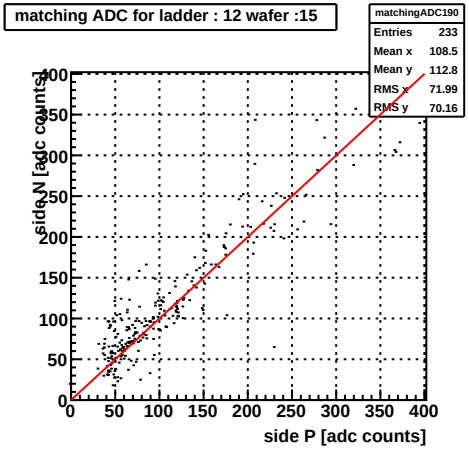

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 165
Mean x 69.09
Mean y 78.17
RMS x 57.43
RMS y 68.23
side N [adc counts]
side P [adc counts]

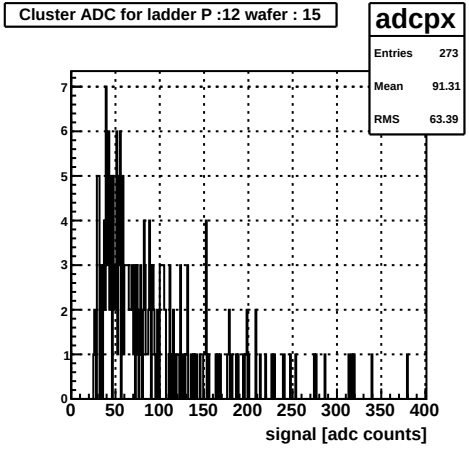

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 520
Mean 52
RMS 50.83
signal [adc counts]

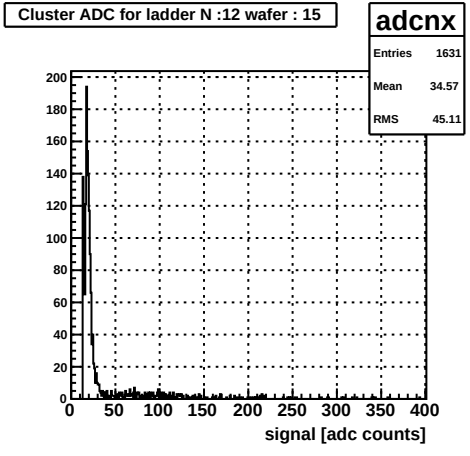

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1878
Mean 31.98
RMS 30.68
signal [adc counts]

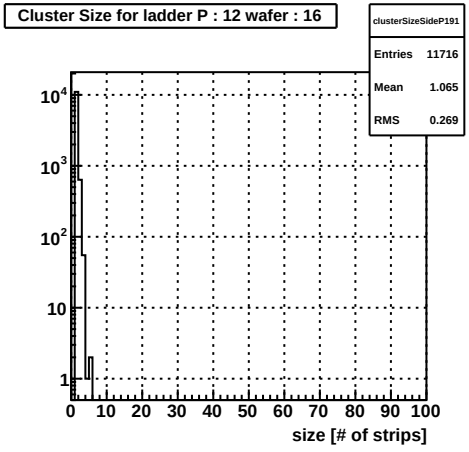

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 273
Mean 1.308
RMS 0.535
size [# of strips]

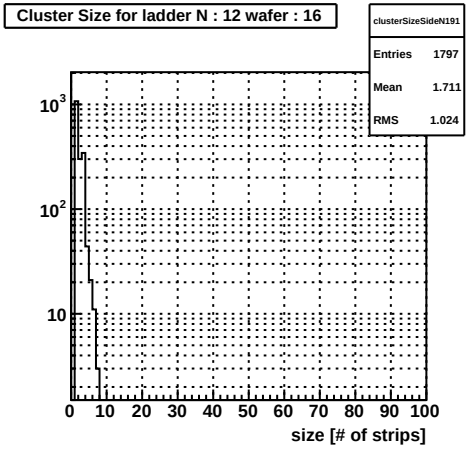

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1631
Mean 1.174
RMS 0.5279
size [# of strips]

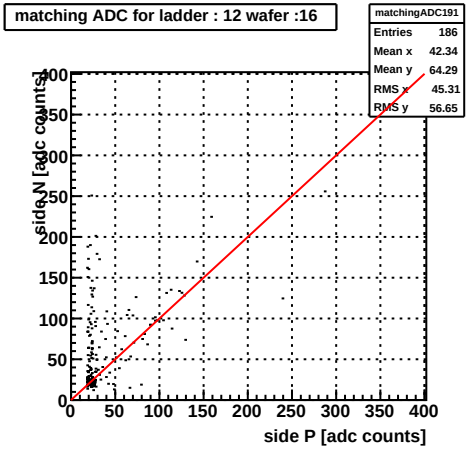

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 233
Mean x 108.5
Mean y 112.8
RMS x 71.99
RMS y 70.16
side N [adc counts]
side P [adc counts]

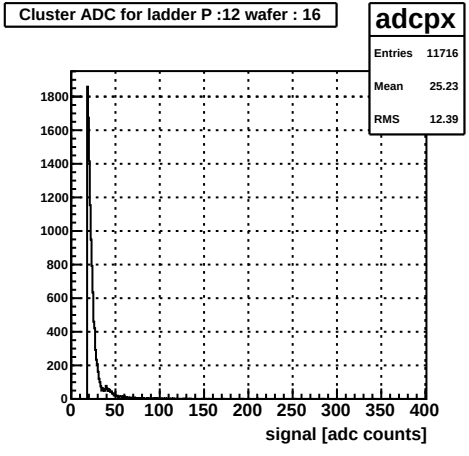

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 273
Mean 91.31
RMS 63.39
signal [adc counts]

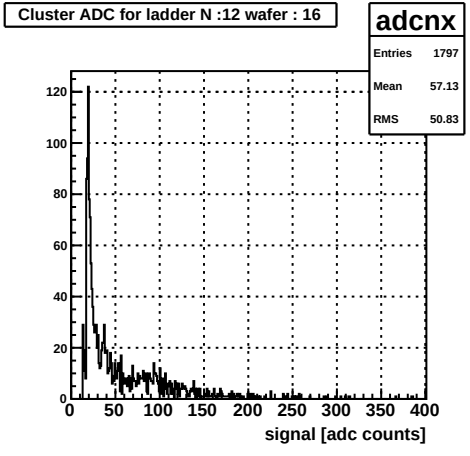

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1631
Mean 34.57
RMS 45.11
signal [adc counts]

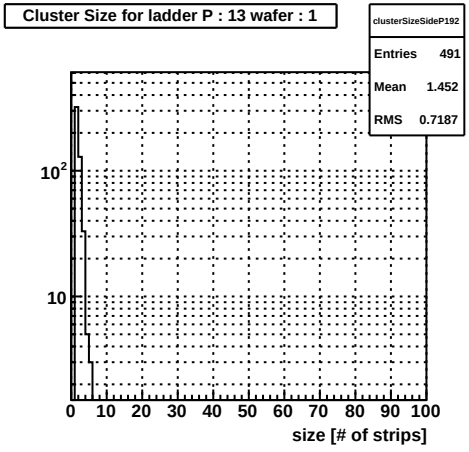

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 11716
Mean 1.065
RMS 0.269
size [# of strips]

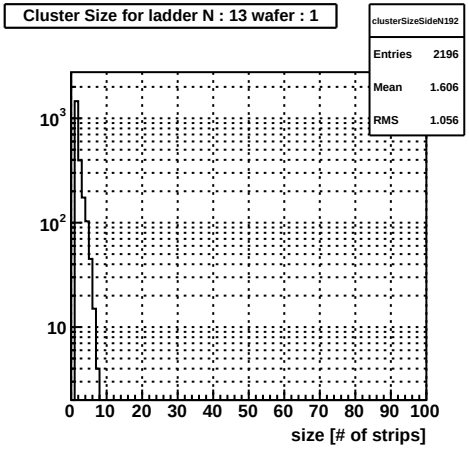

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1797
Mean 1.711
RMS 1.024
size [# of strips]

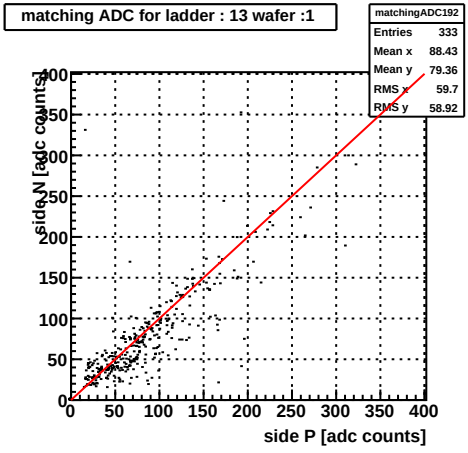

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 186
Mean x 42.34
Mean y 64.29
RMS x 45.31
RMS y 56.65
side N [adc counts]
side P [adc counts]

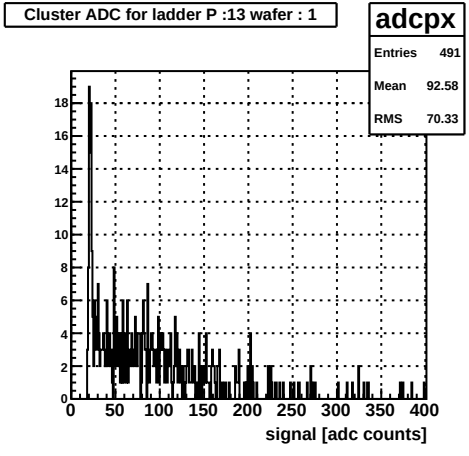

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 11716
Mean 25.23
RMS 12.39
signal [adc counts]

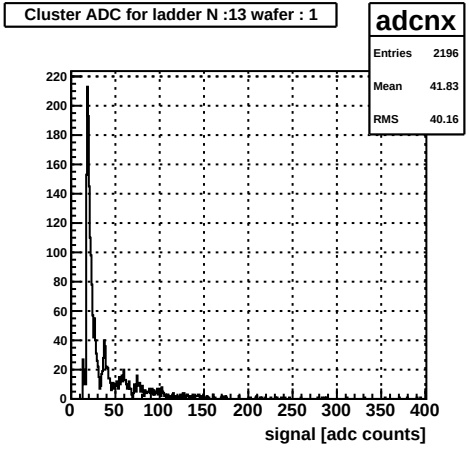

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1797
Mean 57.13
RMS 50.83
signal [adc counts]

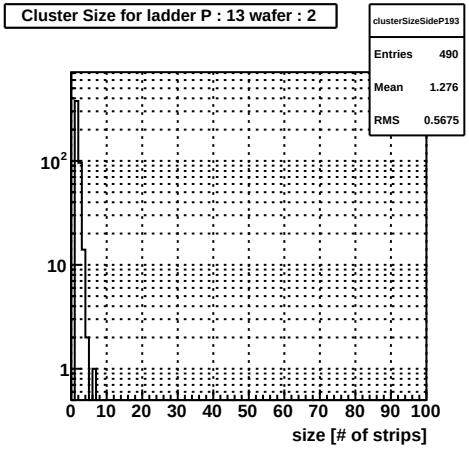

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 491
Mean 1.452
RMS 0.7187
size [# of strips]

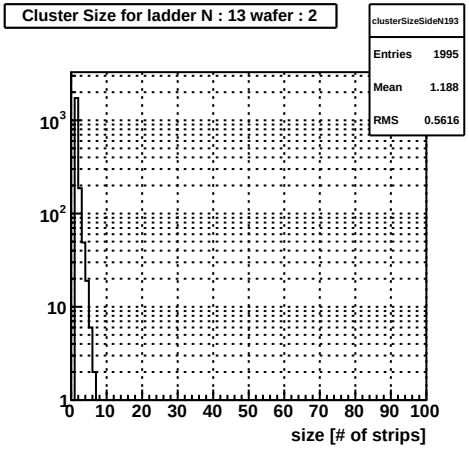

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2196
Mean 1.606
RMS 1.056
size [# of strips]

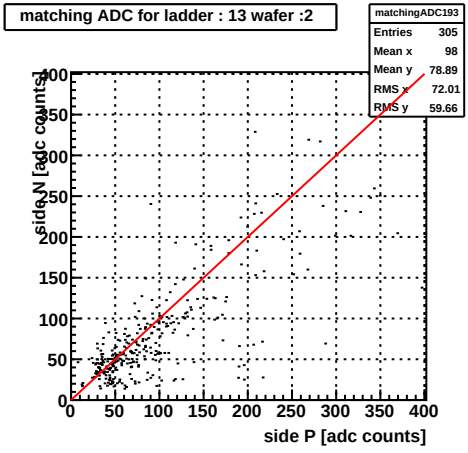

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 333
Mean x 88.43
Mean y 79.36
RMS x 59.7
RMS y 58.92
side N [adc counts]
side P [adc counts]

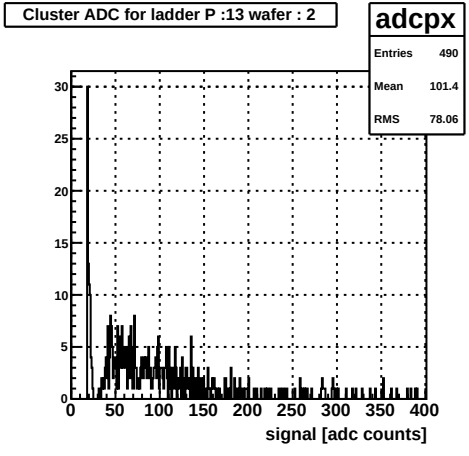

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 491
Mean 92.58
RMS 70.33
signal [adc counts]

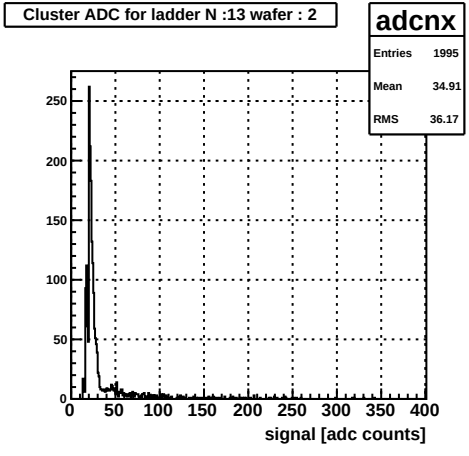

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2196
Mean 41.83
RMS 40.16
signal [adc counts]

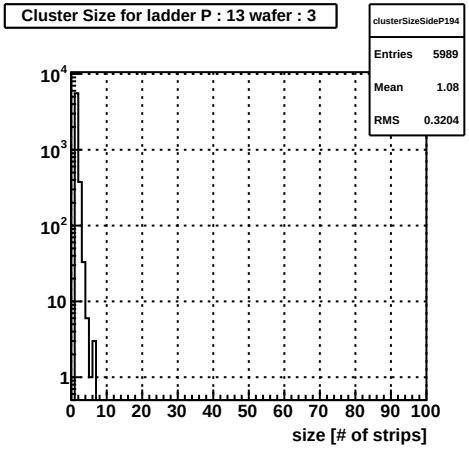

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 490
Mean 1.276
RMS 0.5675
size [# of strips]

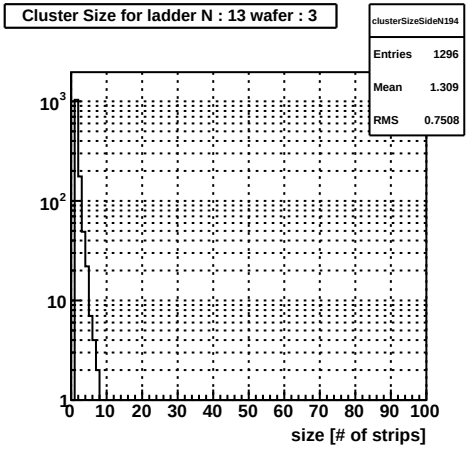

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 1995
Mean 1.188
RMS 0.5616
size [# of strips]

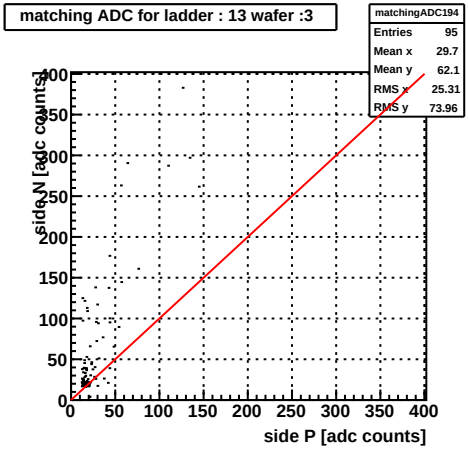

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 305
Mean x 98
Mean y 78.89
RMS x 72.01
RMS y 59.66
side N [adc counts]
side P [adc counts]

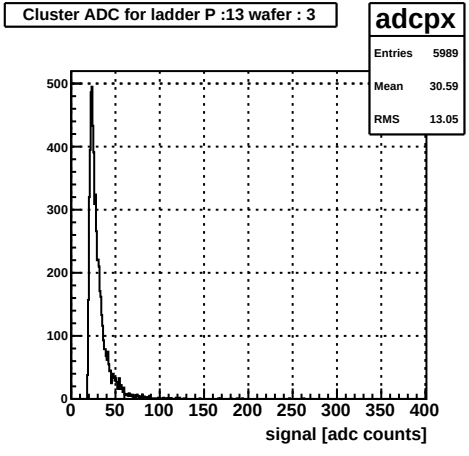

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 490
Mean 101.4
RMS 78.06
signal [adc counts]

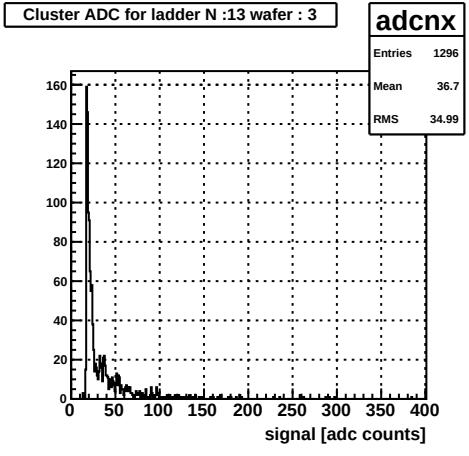

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 1995
Mean 34.91
RMS 36.17
signal [adc counts]

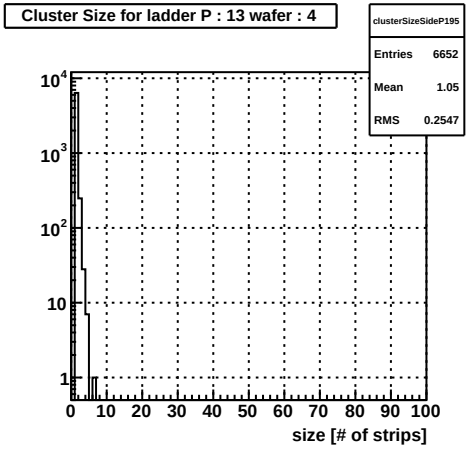

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5989
Mean 1.08
RMS 0.3204
size [# of strips]

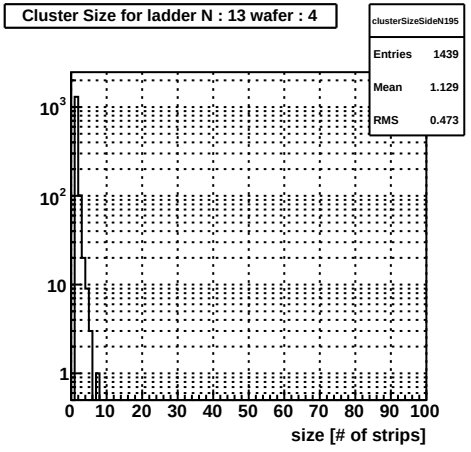

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1296
Mean 1.309
RMS 0.7508
size [# of strips]

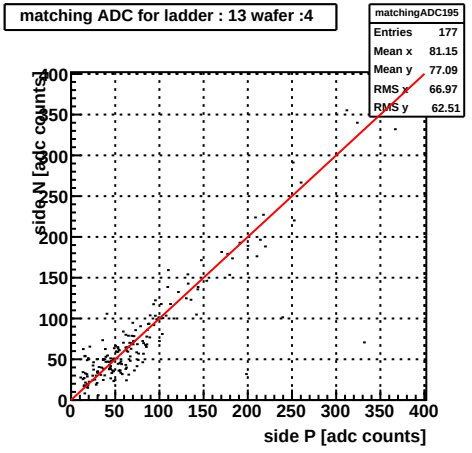

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 95
Mean x 29.7
Mean y 62.1
RMS x 25.31
RMS y 73.96
side N [adc counts]
side P [adc counts]

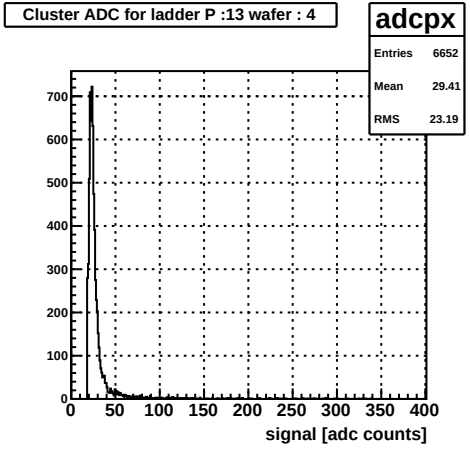

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5989
Mean 30.59
RMS 13.05
signal [adc counts]

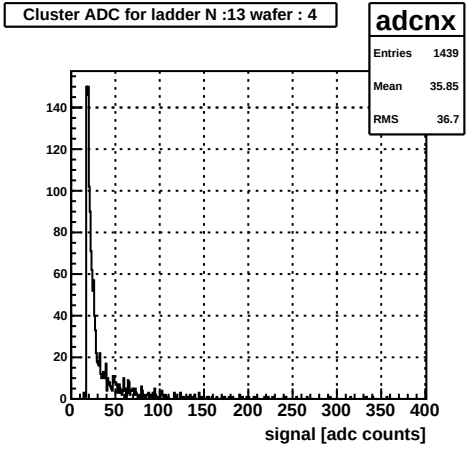

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1296
Mean 36.7
RMS 34.99
signal [adc counts]

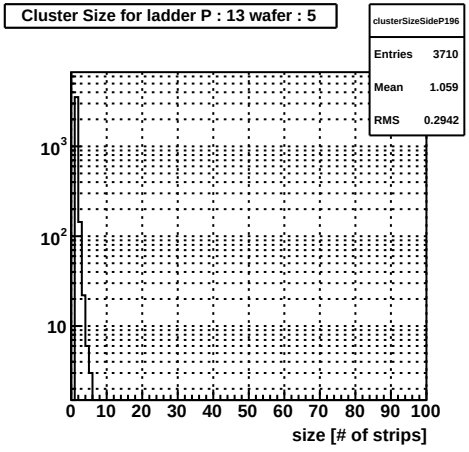

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 6652
Mean 1.05
RMS 0.2547
size [# of strips]

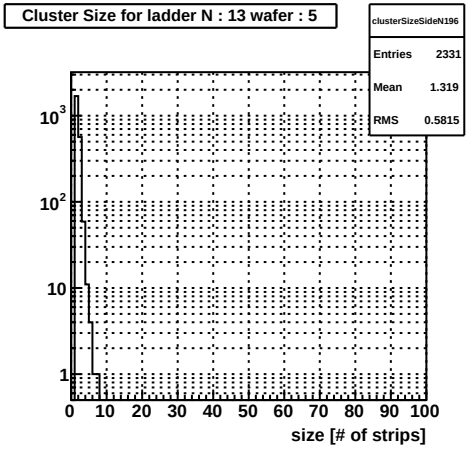

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1439
Mean 1.129
RMS 0.473
size [# of strips]

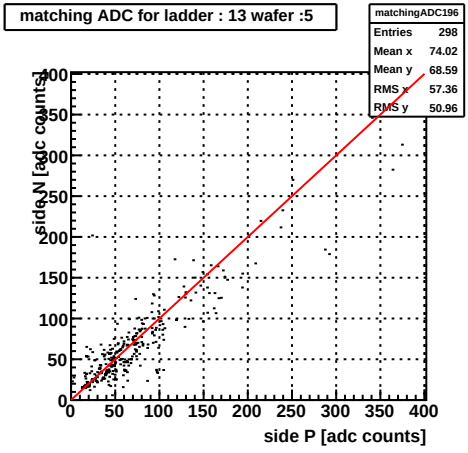

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 177
Mean x 81.15
Mean y 77.09
RMS x 66.97
RMS y 62.51
side N [adc counts]
side P [adc counts]

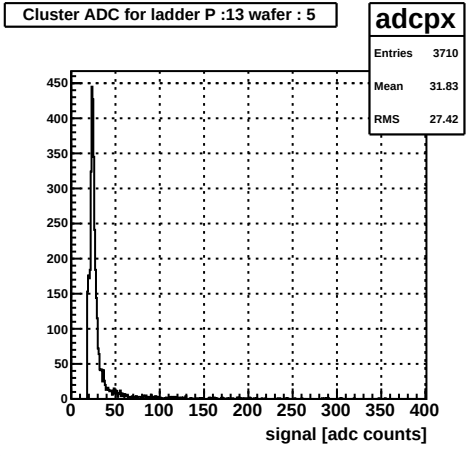

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 6652
Mean 29.41
RMS 23.19
signal [adc counts]

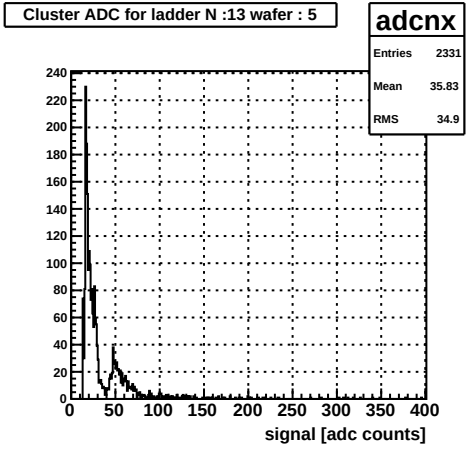

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1439
Mean 35.85
RMS 36.7
signal [adc counts]

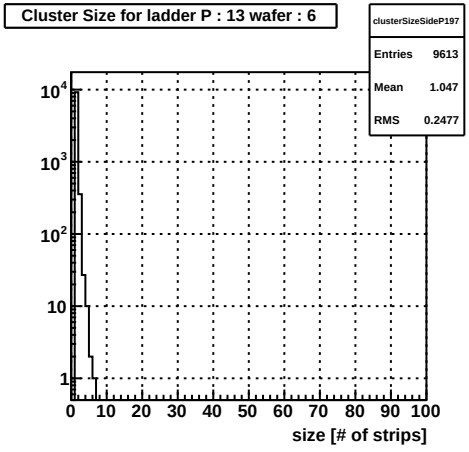

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3710
Mean 1.059
RMS 0.2942
size [# of strips]

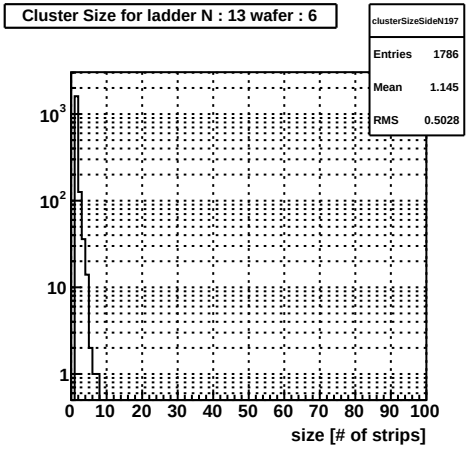

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2331
Mean 1.319
RMS 0.5815
size [# of strips]

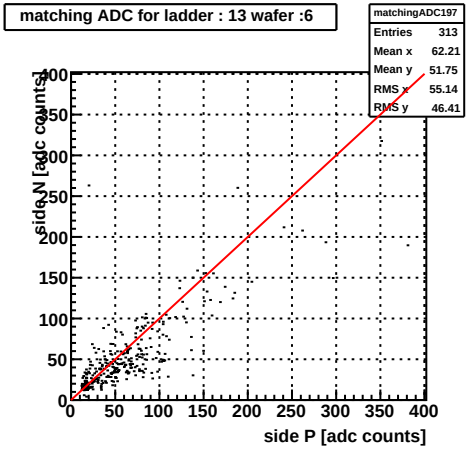

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 298
Mean x 74.02
Mean y 68.59
RMS x 57.36
RMS y 50.96
side N [adc counts]
side P [adc counts]

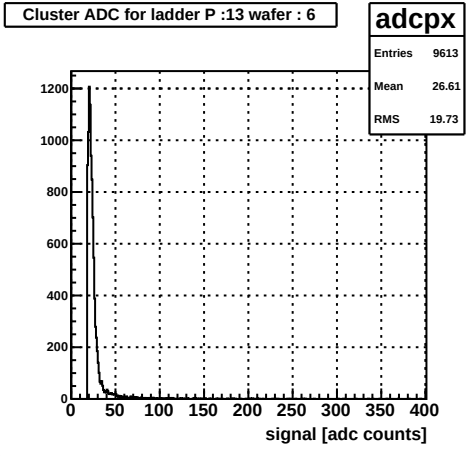

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3710
Mean 31.83
RMS 27.42
signal [adc counts]

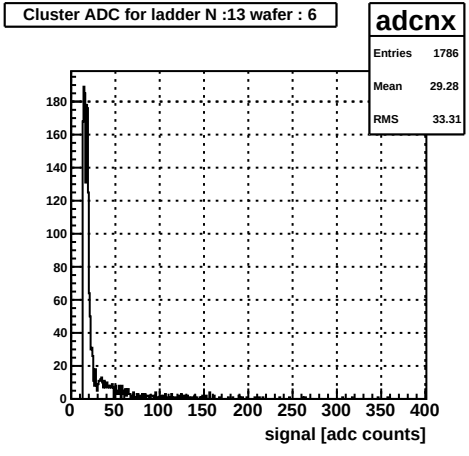

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2331
Mean 35.83
RMS 34.9
signal [adc counts]

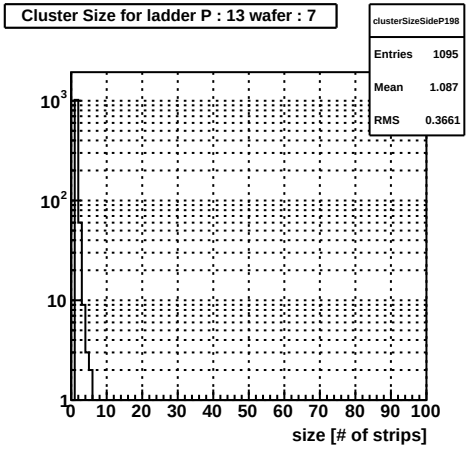

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9613
Mean 1.047
RMS 0.2477
size [# of strips]

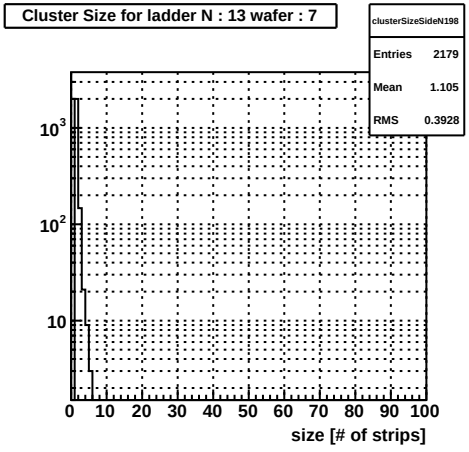

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1786
Mean 1.145
RMS 0.5028
size [# of strips]

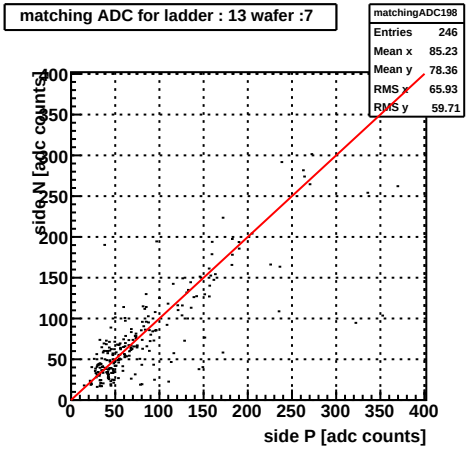

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 313
Mean x 62.21
Mean y 51.75
RMS x 55.14
RMS y 46.41
side N [adc counts]
side P [adc counts]

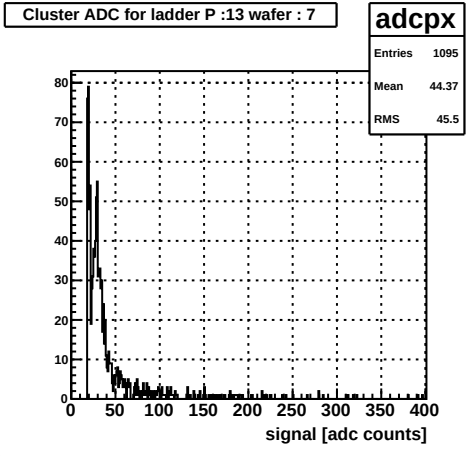

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9613
Mean 26.61
RMS 19.73
signal [adc counts]

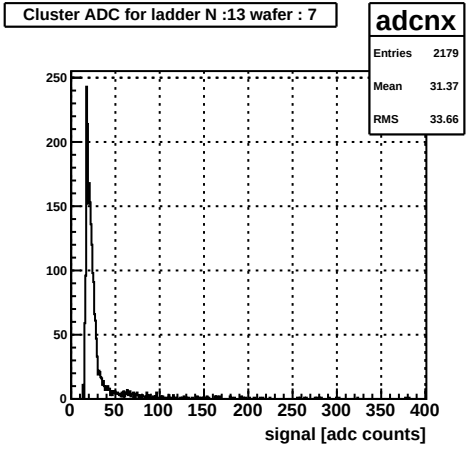

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1786
Mean 29.28
RMS 33.31
signal [adc counts]

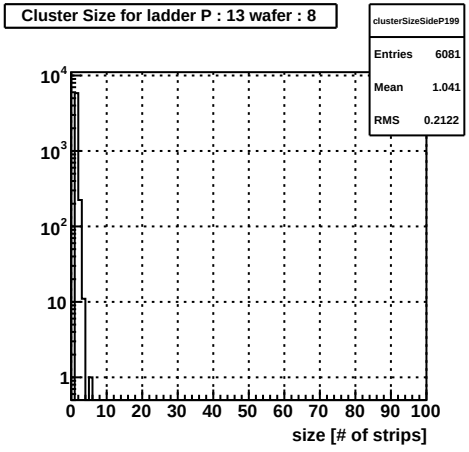

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1095
Mean 1.087
RMS 0.3661
size [# of strips]

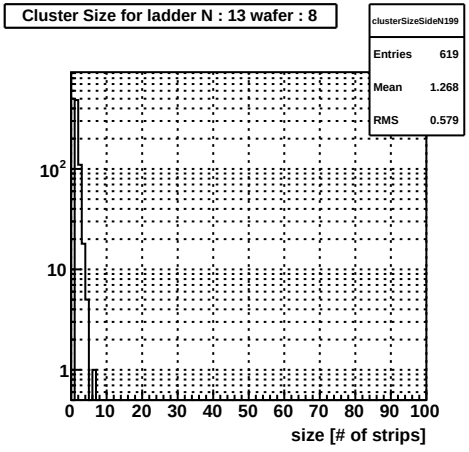

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2179
Mean 1.105
RMS 0.3928
size [# of strips]

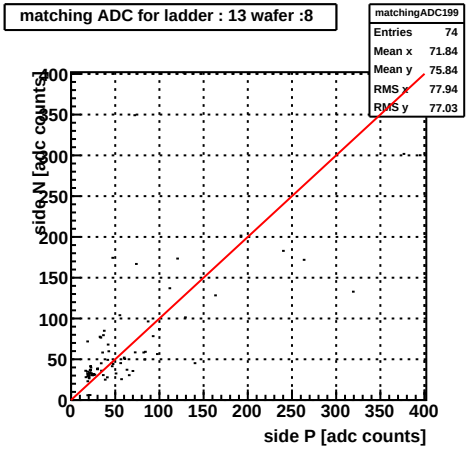

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 246
Mean x 85.23
Mean y 78.36
RMS x 65.93
RMS y 59.71
side N [adc counts]
side P [adc counts]

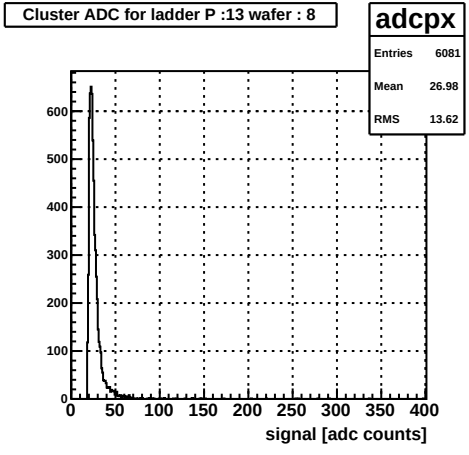

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1095
Mean 44.37
RMS 45.5
signal [adc counts]

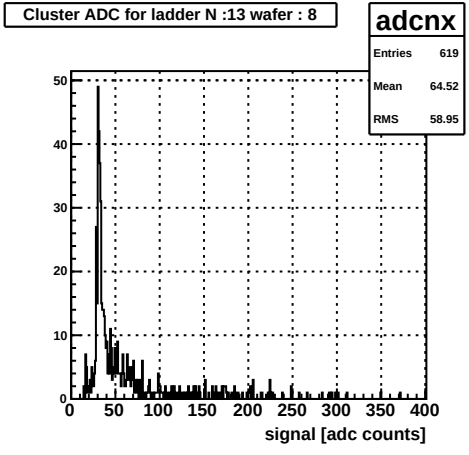

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2179
Mean 31.37
RMS 33.66
signal [adc counts]

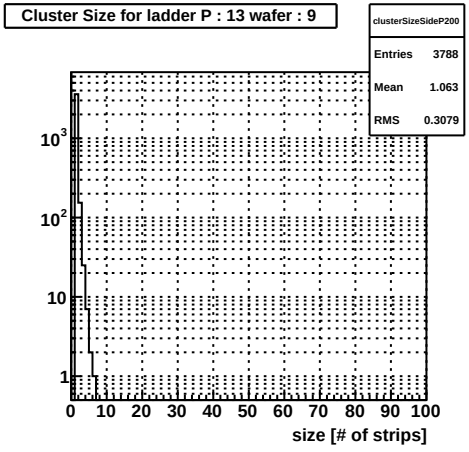

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6081
Mean 1.041
RMS 0.2122
size [# of strips]

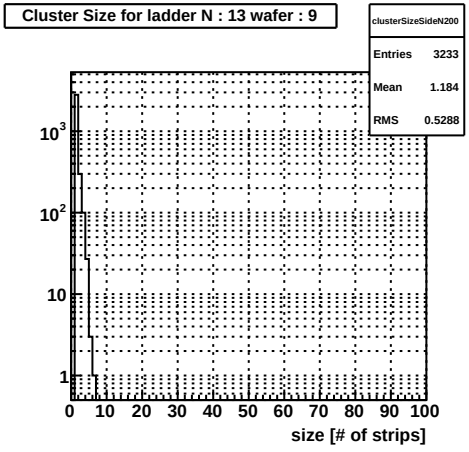

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 619
Mean 1.268
RMS 0.579
size [# of strips]

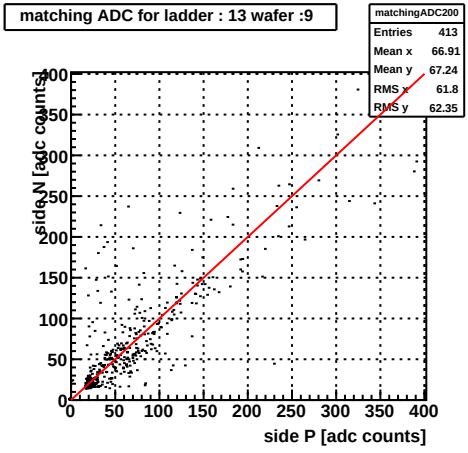

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 74
Mean x 71.84
Mean y 75.84
RMS x 77.94
RMS y 77.03
side N [adc counts]
side P [adc counts]

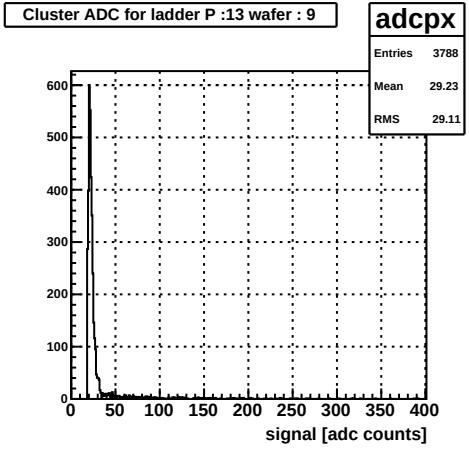

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6081
Mean 26.98
RMS 13.62
signal [adc counts]

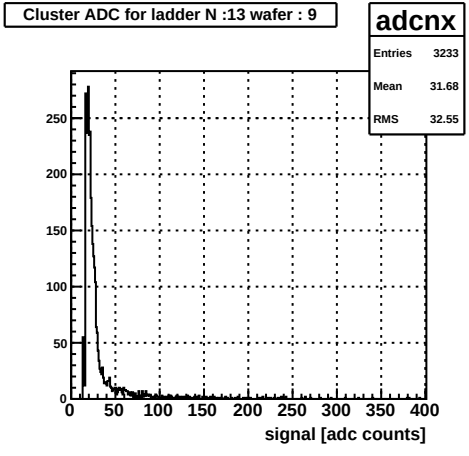

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 619
Mean 64.52
RMS 58.95
signal [adc counts]

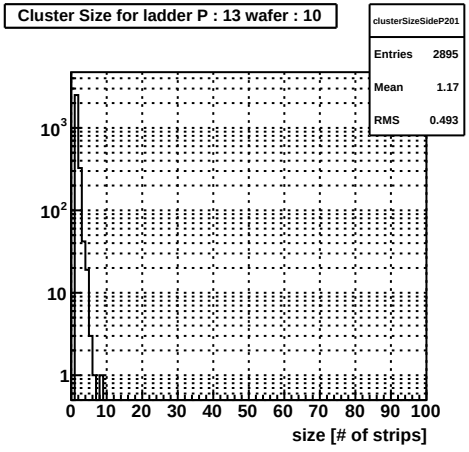

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 3788
Mean 1.063
RMS 0.3079
size [# of strips]

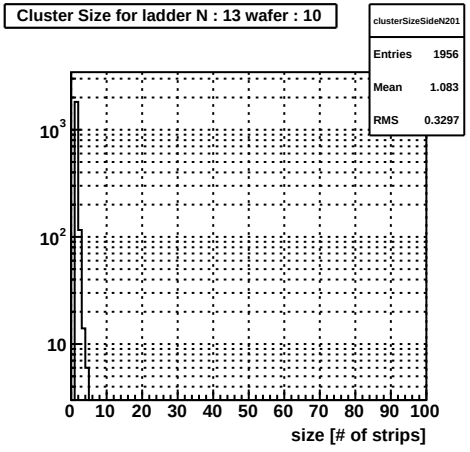

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3233
Mean 1.184
RMS 0.5288
size [# of strips]

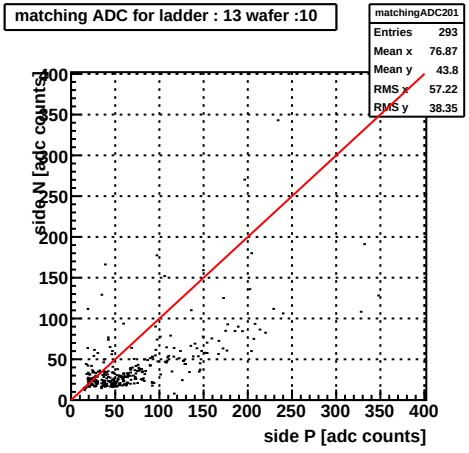

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 413
Mean x 66.91
Mean y 67.24
RMS x 61.8
RMS y 62.35
side N [adc counts]
side P [adc counts]

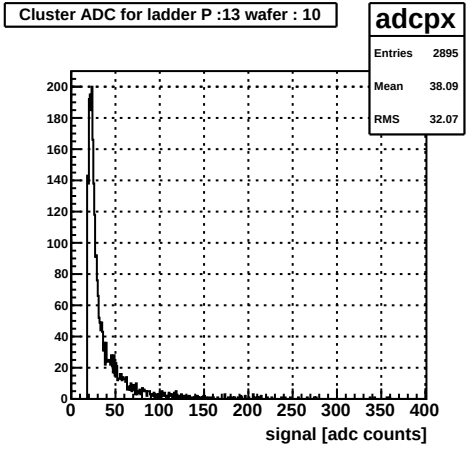

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 3788
Mean 29.23
RMS 29.11
signal [adc counts]

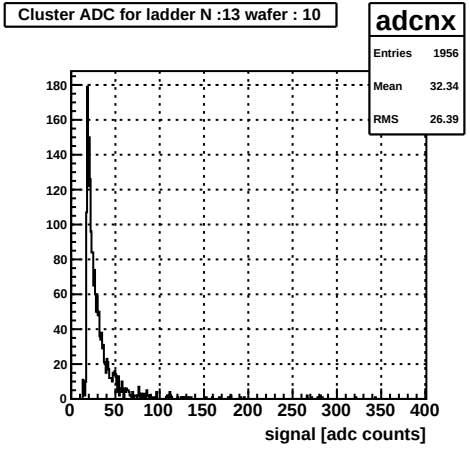

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3233
Mean 31.68
RMS 32.55
signal [adc counts]

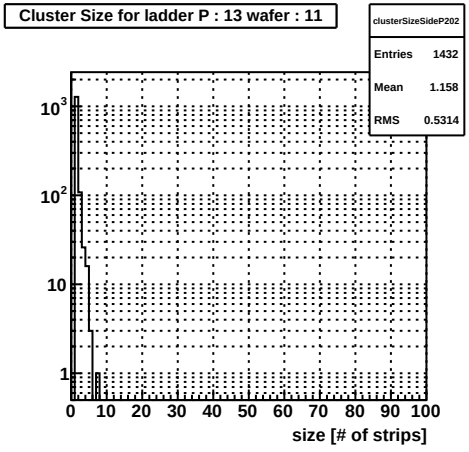

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2895
Mean 1.17
RMS 0.493
size [# of strips]

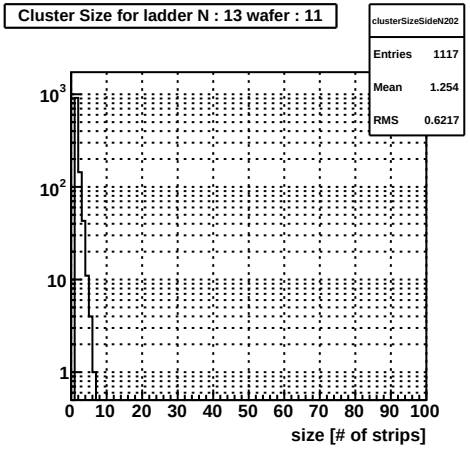

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1956
Mean 1.083
RMS 0.3297
size [# of strips]

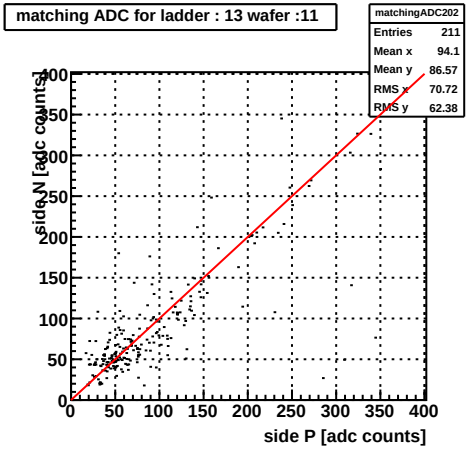

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 293
Mean x 76.87
Mean y 43.8
RMS x 57.22
RMS y 38.35
side N [adc counts]
side P [adc counts]

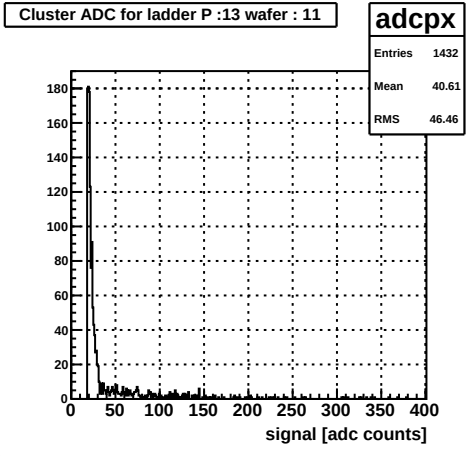

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2895
Mean 38.09
RMS 32.07
signal [adc counts]

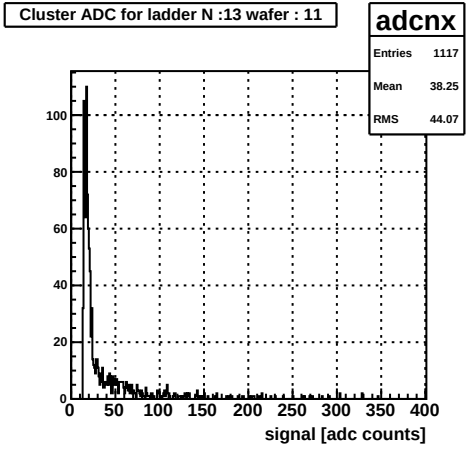

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1956
Mean 32.34
RMS 26.39
signal [adc counts]

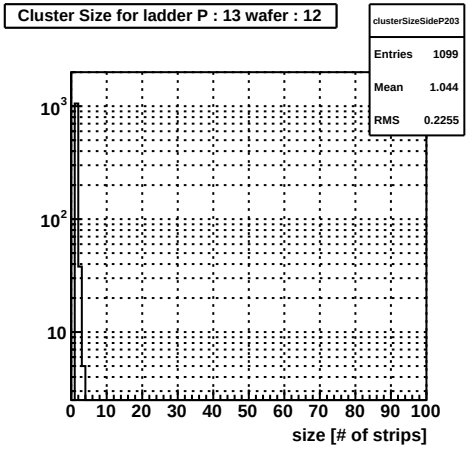

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1432
Mean 1.158
RMS 0.5314
size [# of strips]

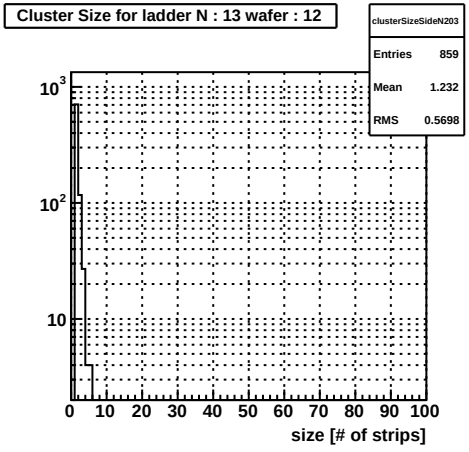

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1117
Mean 1.254
RMS 0.6217
size [# of strips]

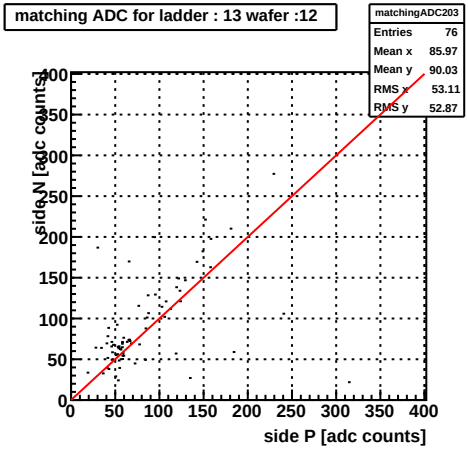

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 211
Mean x 94.1
Mean y 86.57
RMS x 70.72
RMS y 62.38
side N [adc counts]
side P [adc counts]

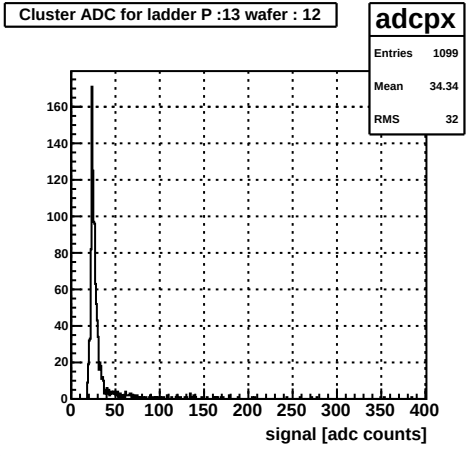

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1432
Mean 40.61
RMS 46.46
signal [adc counts]

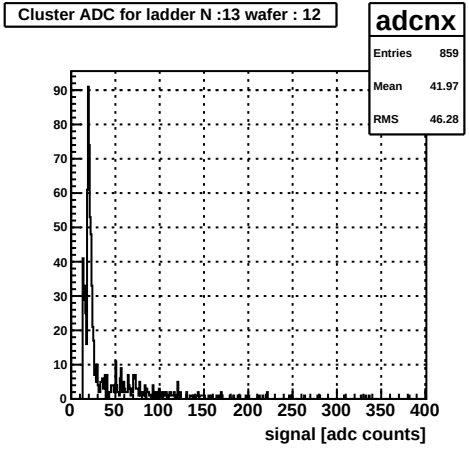

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1117
Mean 38.25
RMS 44.07
signal [adc counts]

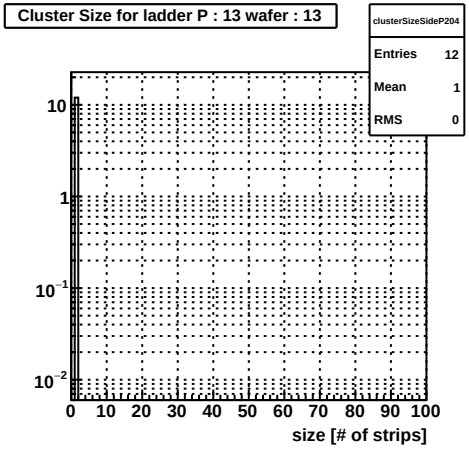

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1099
Mean 1.044
RMS 0.2255
size [# of strips]

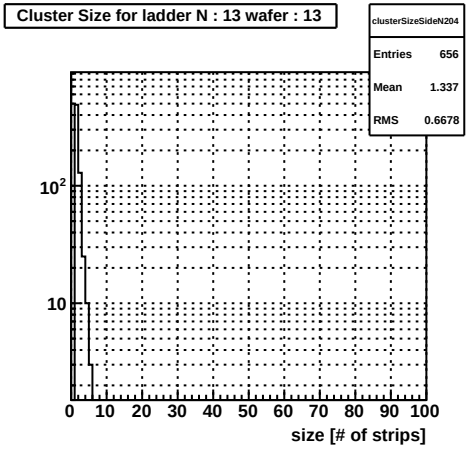

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 859
Mean 1.232
RMS 0.5698
size [# of strips]

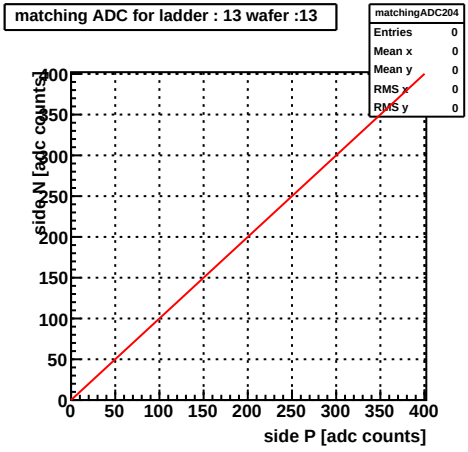

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 76
Mean x 85.97
Mean y 90.03
RMS x 53.11
RMS y 52.87
side N [adc counts]
side P [adc counts]

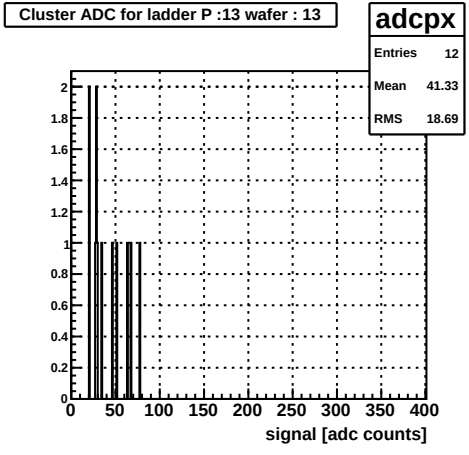

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1099
Mean 34.34
RMS 32
signal [adc counts]

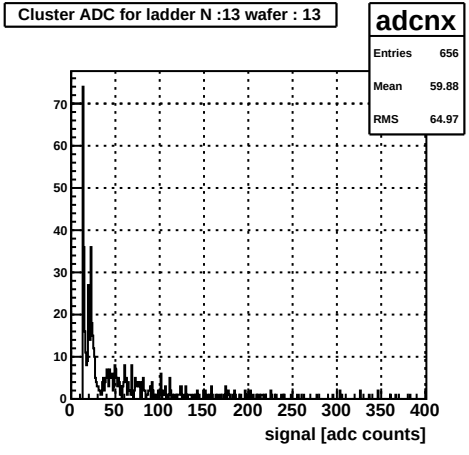

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 859
Mean 41.97
RMS 46.28
signal [adc counts]

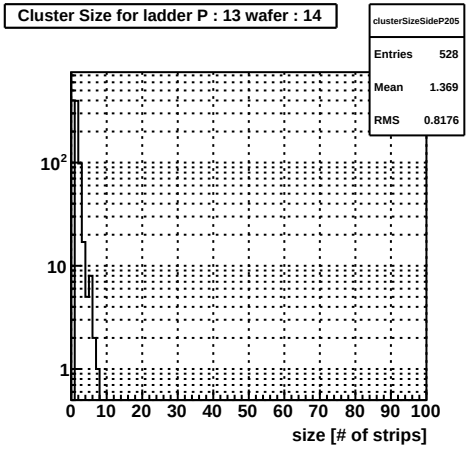

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 12
Mean 1
RMS 0
size [# of strips]

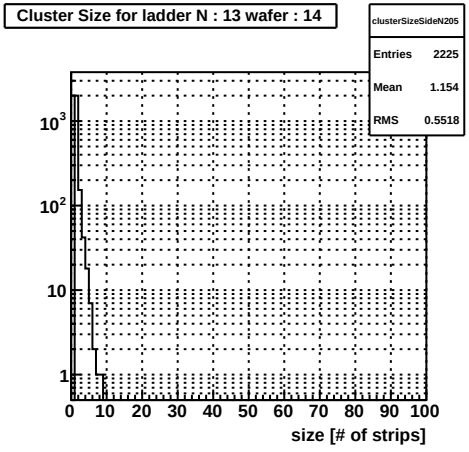

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 656
Mean 1.337
RMS 0.6678
size [# of strips]

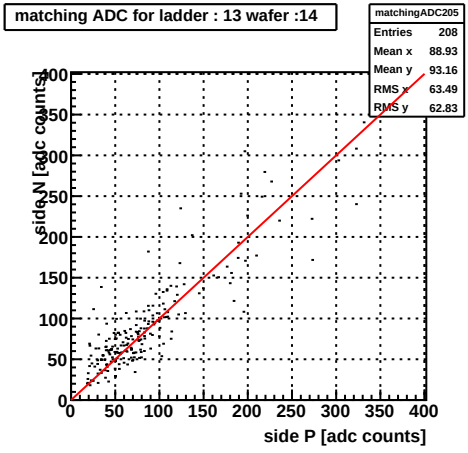

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

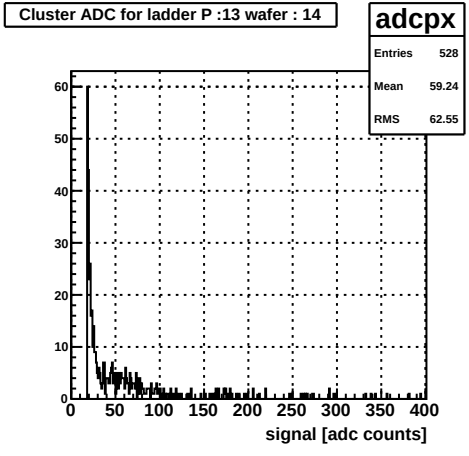

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 12
Mean 41.33
RMS 18.69
signal [adc counts]

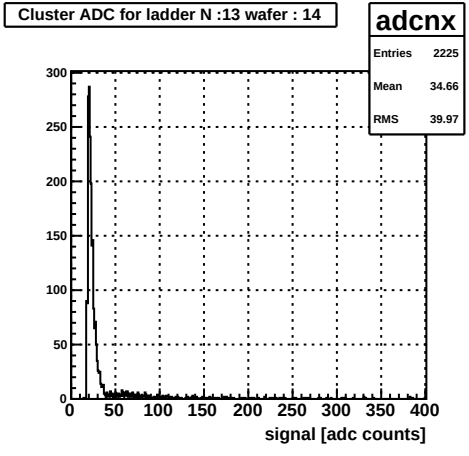

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 656
Mean 59.88
RMS 64.97
signal [adc counts]

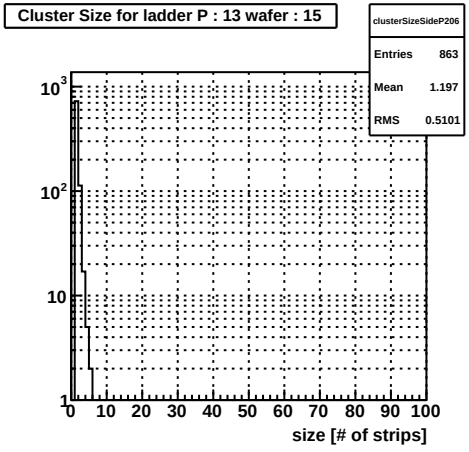

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 528
Mean 1.369
RMS 0.8176
size [# of strips]

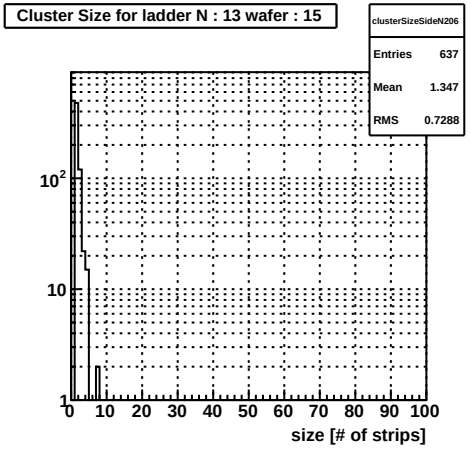

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2225
Mean 1.154
RMS 0.5518
size [# of strips]

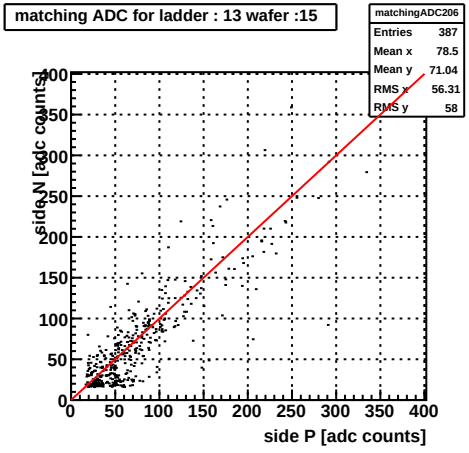

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 208
Mean x 88.93
Mean y 93.16
RMS x 63.49
RMS y 62.83
side N [adc counts]
side P [adc counts]

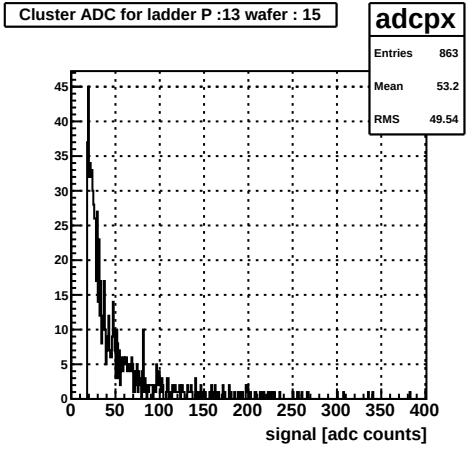

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 528
Mean 59.24
RMS 62.55
signal [adc counts]

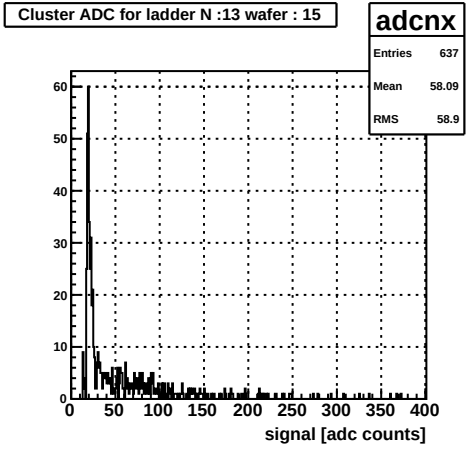

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2225
Mean 34.66
RMS 39.97
signal [adc counts]

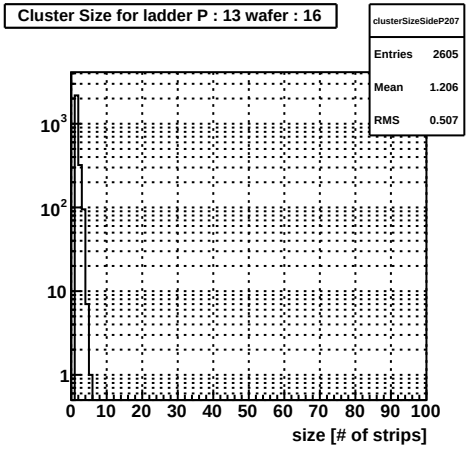

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 863
Mean 1.197
RMS 0.5101
size [# of strips]

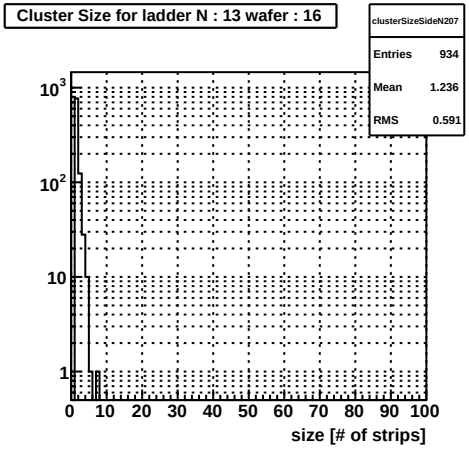

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 637
Mean 1.347
RMS 0.7288
size [# of strips]

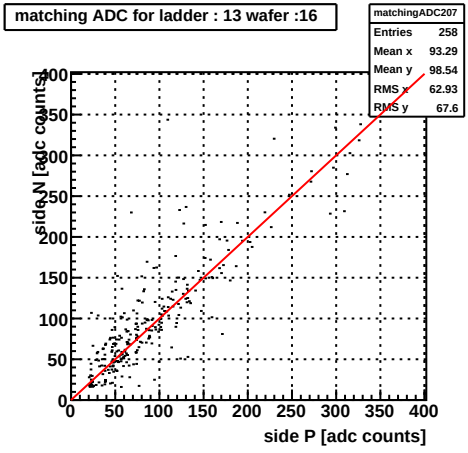

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 387
Mean x 78.5
Mean y 71.04
RMS x 56.31
RMS y 58
side N [adc counts]
side P [adc counts]

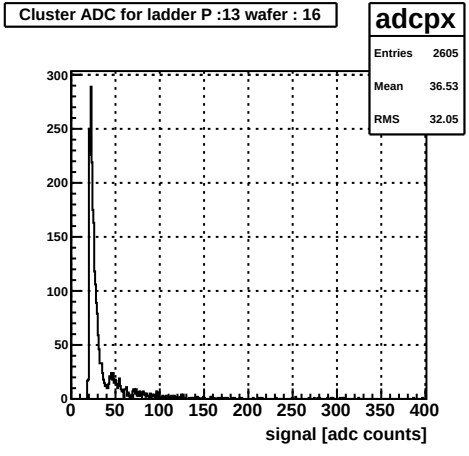

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 863
Mean 53.2
RMS 49.54
signal [adc counts]

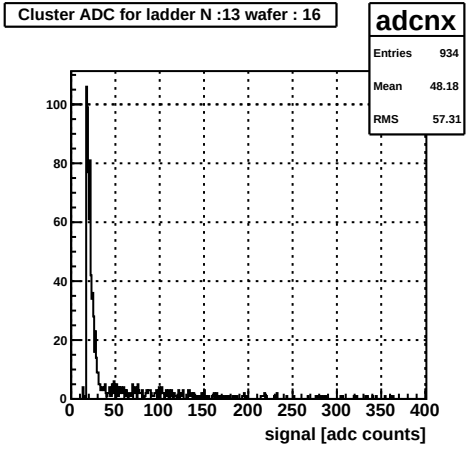

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 637
Mean 58.09
RMS 58.9
signal [adc counts]

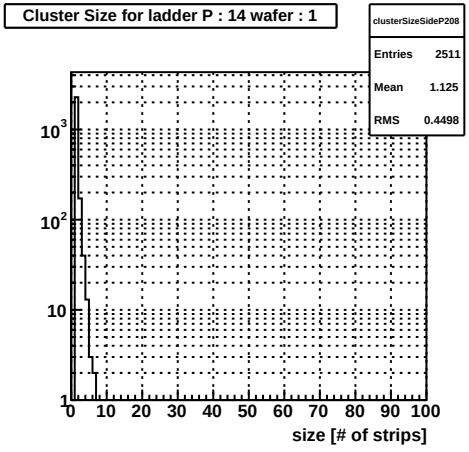

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2605
Mean 1.206
RMS 0.507
size [# of strips]

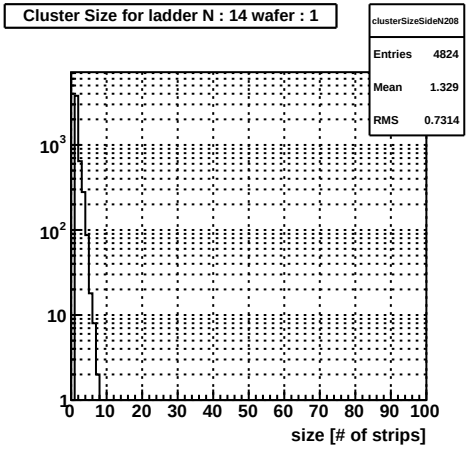

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 934
Mean 1.236
RMS 0.591
size [# of strips]

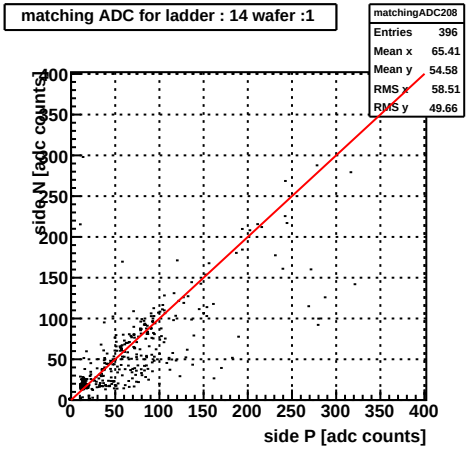

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 258
Mean x 93.29
Mean y 98.54
RMS x 62.93
RMS y 67.6
side N [adc counts]
side P [adc counts]

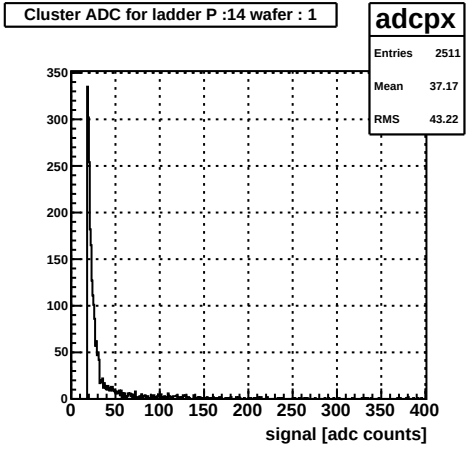

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2605
Mean 36.53
RMS 32.05
signal [adc counts]

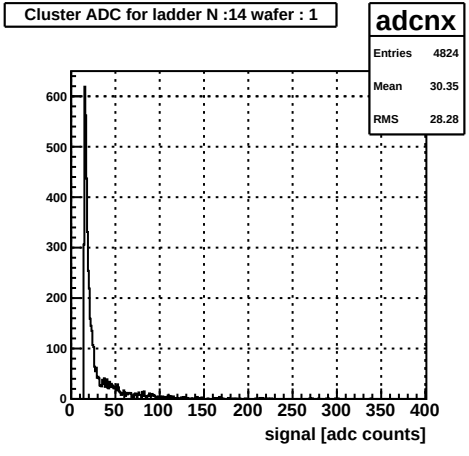

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 934
Mean 48.18
RMS 57.31
signal [adc counts]

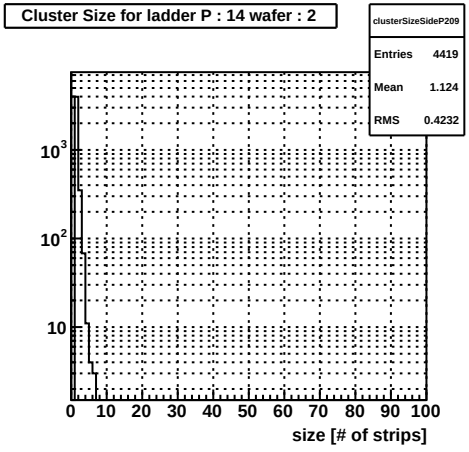

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2511
Mean 1.125
RMS 0.4498
size [# of strips]

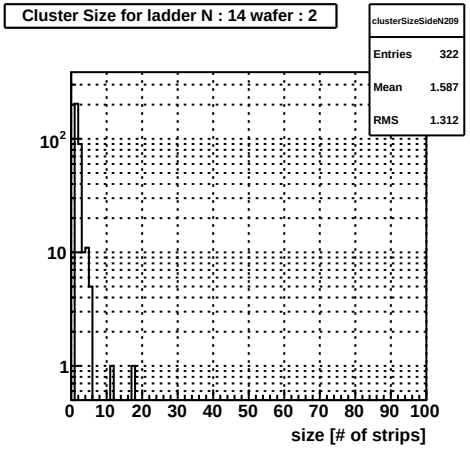

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 4824
Mean 1.329
RMS 0.7314
size [# of strips]

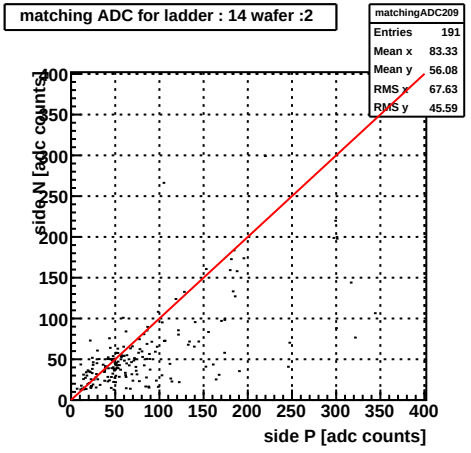

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 396
Mean x 65.41
Mean y 54.58
RMS x 58.51
RMS y 49.66
side N [adc counts]
side P [adc counts]

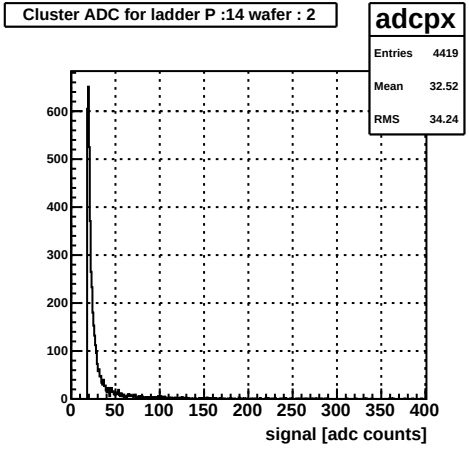

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2511
Mean 37.17
RMS 43.22
signal [adc counts]

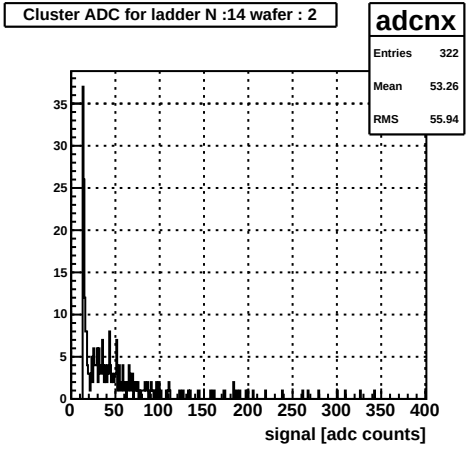

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 4824
Mean 30.35
RMS 28.28
signal [adc counts]

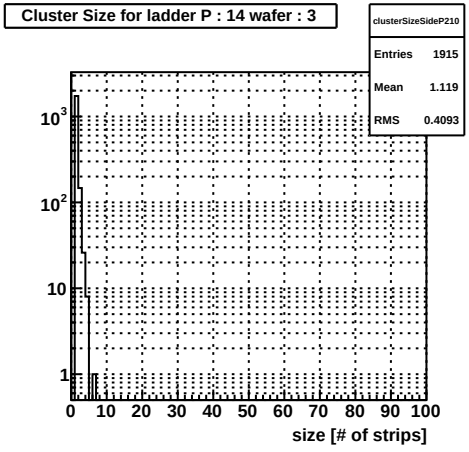

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4419
Mean 1.124
RMS 0.4232
size [# of strips]

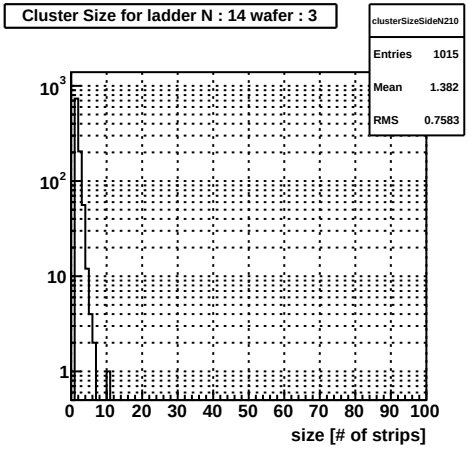

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 322
Mean 1.587
RMS 1.312
size [# of strips]

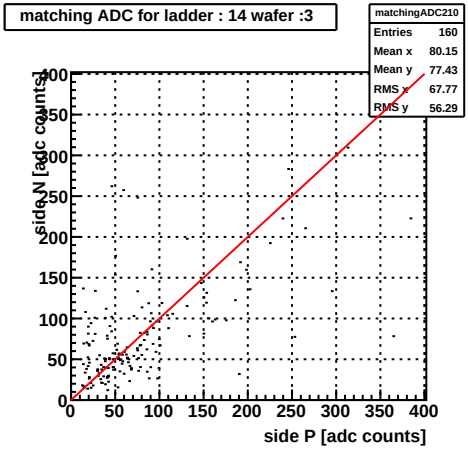

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 191
Mean x 83.33
Mean y 56.08
RMS x 67.63
RMS y 45.59
side N [adc counts]
side P [adc counts]

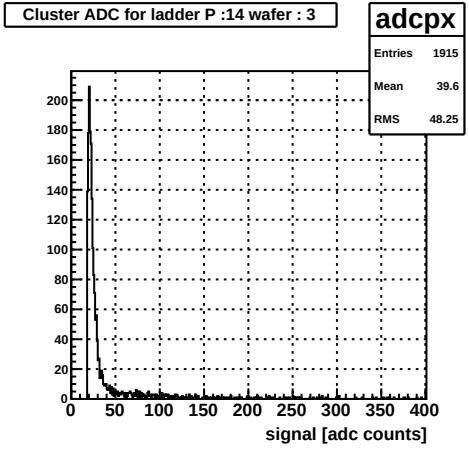

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4419
Mean 32.52
RMS 34.24
signal [adc counts]

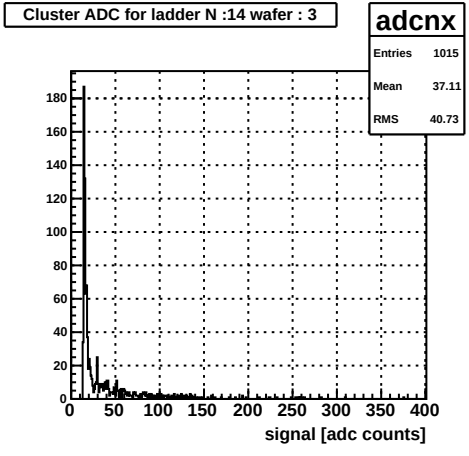

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 322
Mean 53.26
RMS 55.94
signal [adc counts]

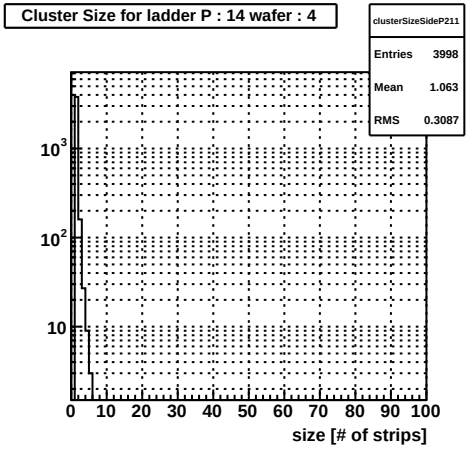

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1915
Mean 1.119
RMS 0.4093
size [# of strips]

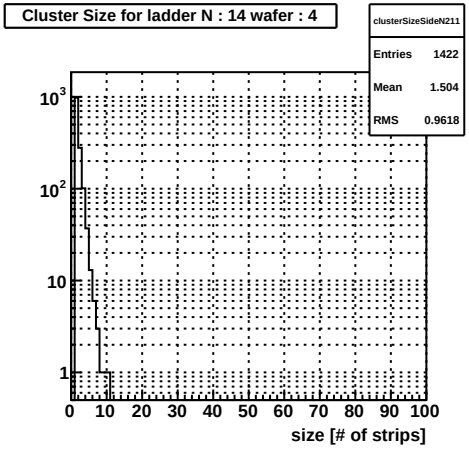

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1015
Mean 1.382
RMS 0.7583
size [# of strips]

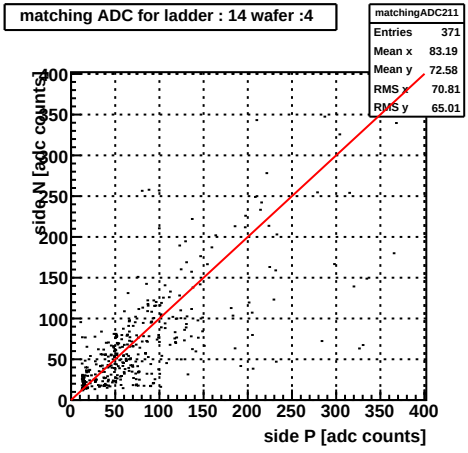

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 160
Mean x 80.15
Mean y 77.43
RMS x 67.77
RMS y 56.29
side N [adc counts]
side P [adc counts]

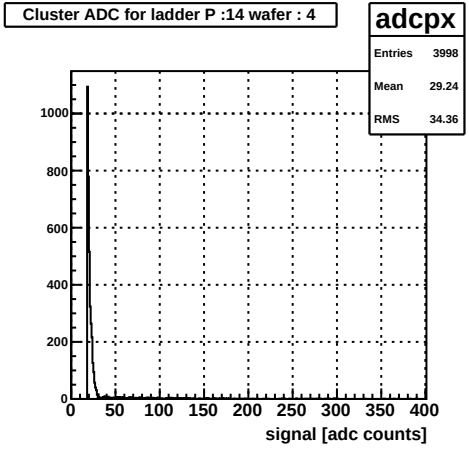

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1915
Mean 39.6
RMS 48.25
signal [adc counts]

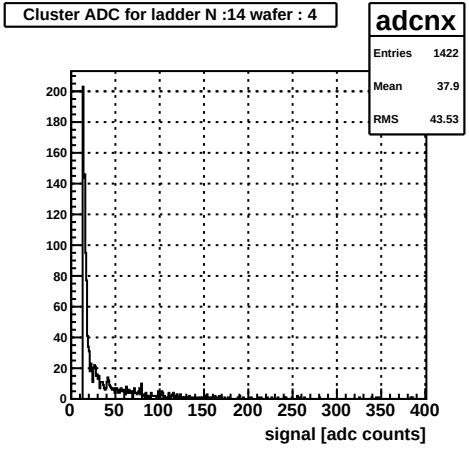

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1015
Mean 37.11
RMS 40.73
signal [adc counts]

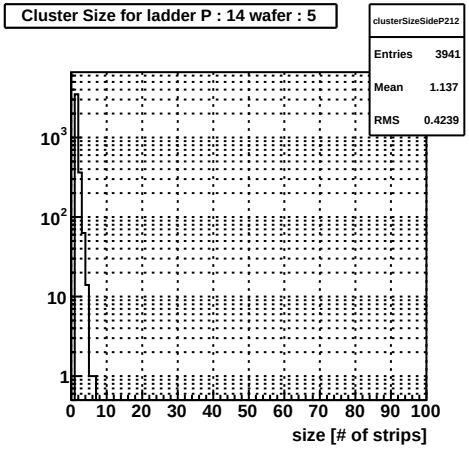

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3998
Mean 1.063
RMS 0.3087
size [# of strips]

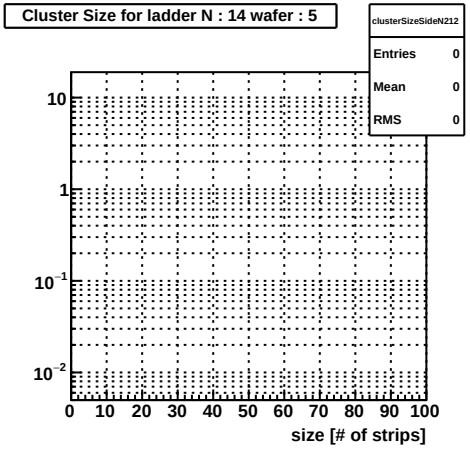

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1422
Mean 1.504
RMS 0.9618
size [# of strips]

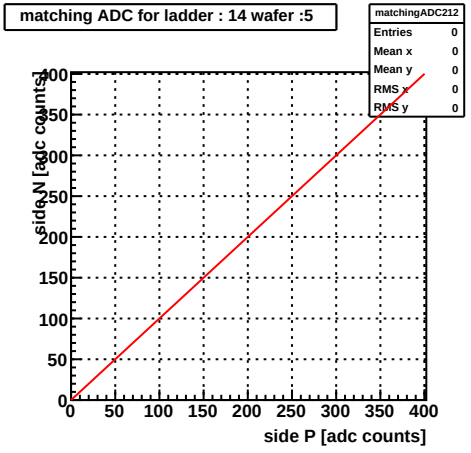

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 371
Mean x 83.19
Mean y 72.58
RMS x 70.81
RMS y 65.01
side N [adc counts]
side P [adc counts]

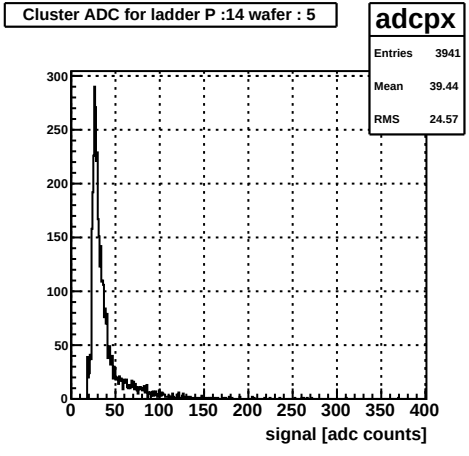

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3998
Mean 29.24
RMS 34.36
signal [adc counts]

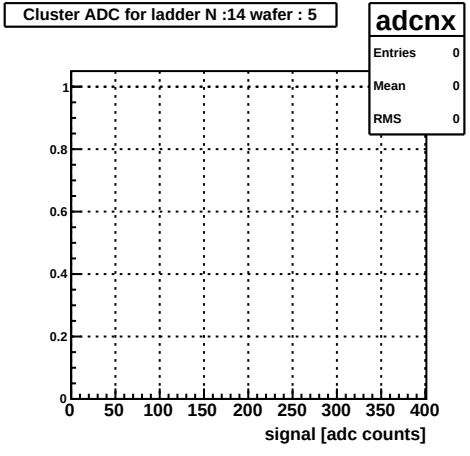

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1422
Mean 37.9
RMS 43.53
signal [adc counts]

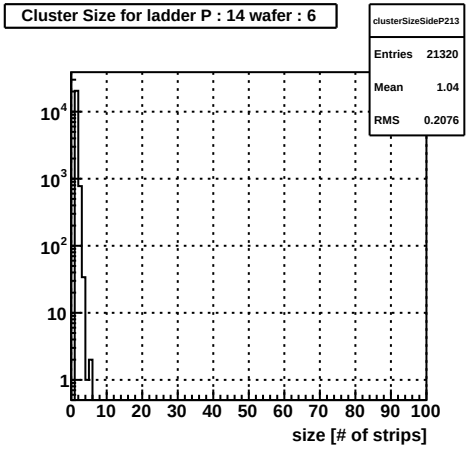

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3941
Mean 1.137
RMS 0.4239
size [# of strips]

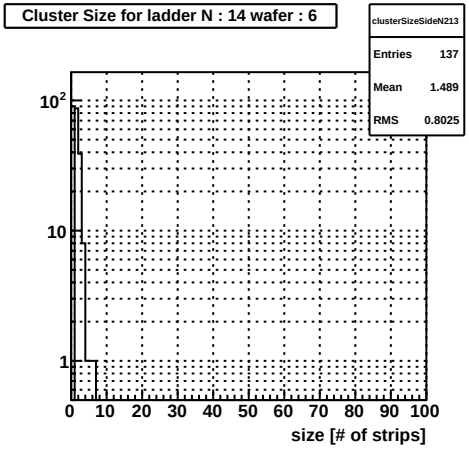

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

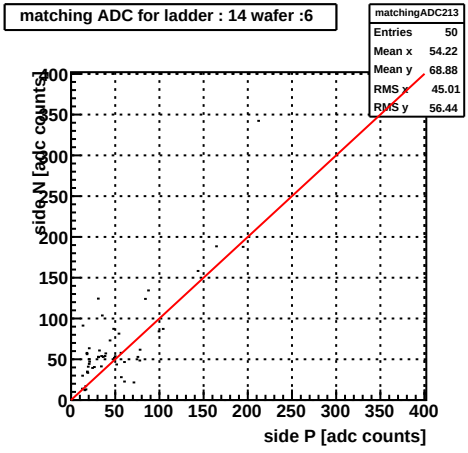

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

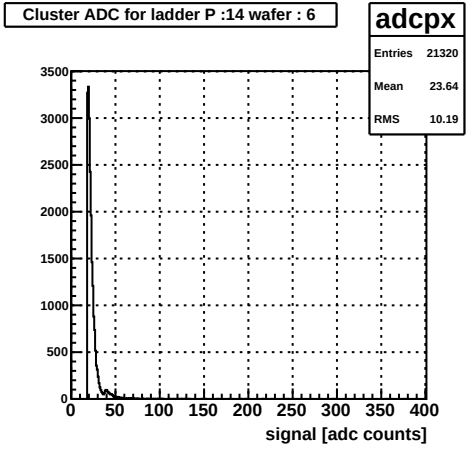

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3941
Mean 39.44
RMS 24.57
signal [adc counts]

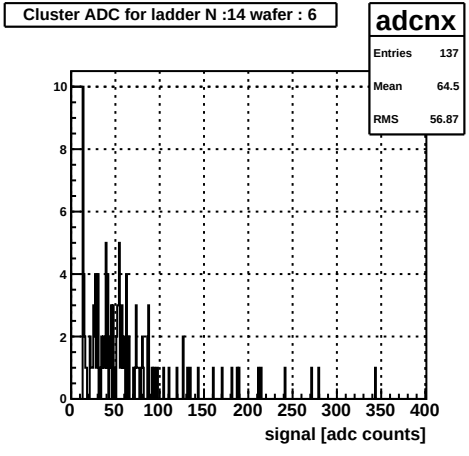

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

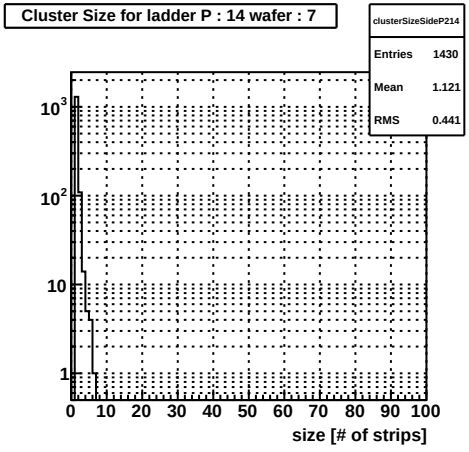

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21320
Mean 1.04
RMS 0.2076
size [# of strips]

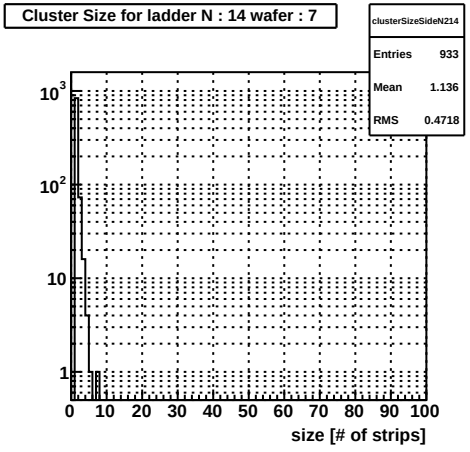

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 137
Mean 1.489
RMS 0.8025
size [# of strips]

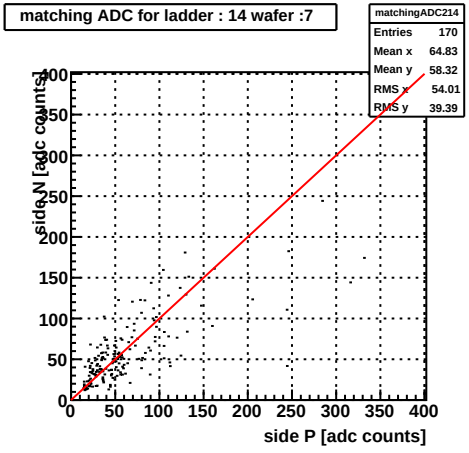

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 50
Mean x 54.22
Mean y 68.88
RMS x 45.01
RMS y 56.44
side N [adc counts]
side P [adc counts]

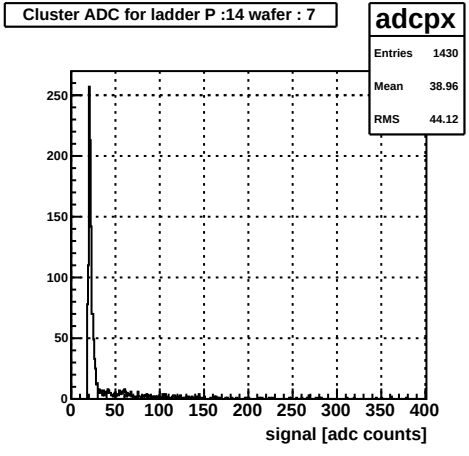

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21320
Mean 23.64
RMS 10.19
signal [adc counts]

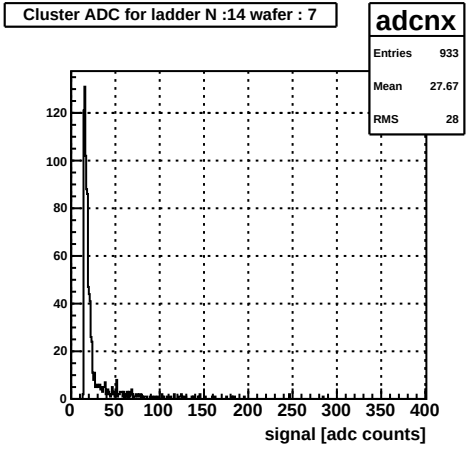

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 137
Mean 64.5
RMS 56.87
signal [adc counts]

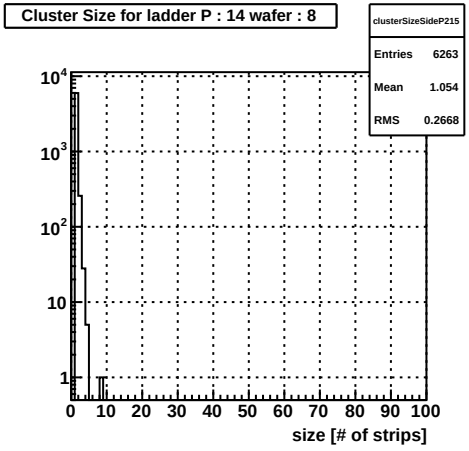

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1430
Mean 1.121
RMS 0.441
size [# of strips]

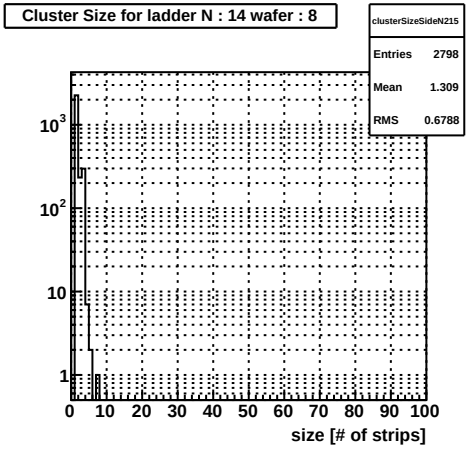

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 933
Mean 1.136
RMS 0.4718
size [# of strips]

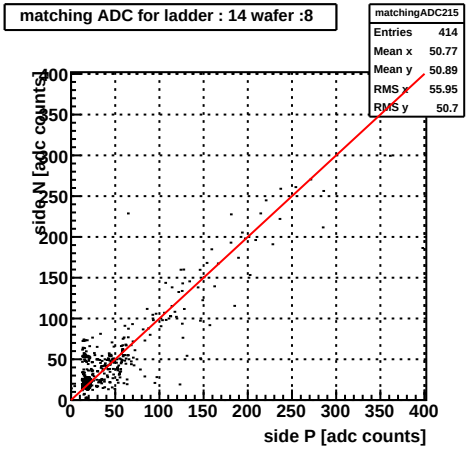

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 170
Mean x 64.83
Mean y 58.32
RMS x 54.01
RMS y 39.39
side N [adc counts]
side P [adc counts]

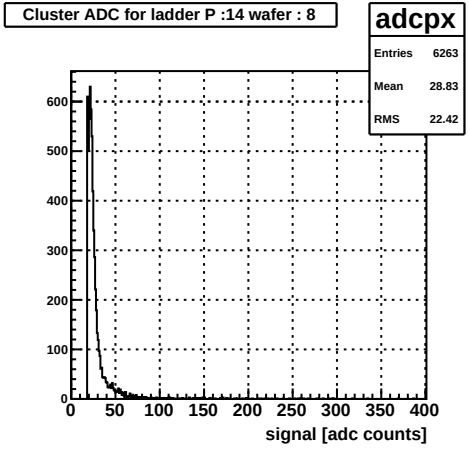

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1430
Mean 38.96
RMS 44.12
signal [adc counts]

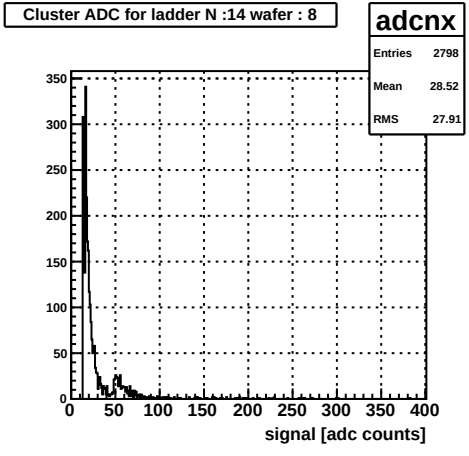

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 933
Mean 27.67
RMS 28
signal [adc counts]

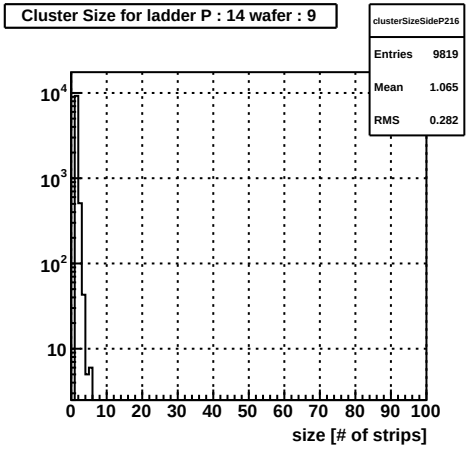

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6263
Mean 1.054
RMS 0.2668
size [# of strips]

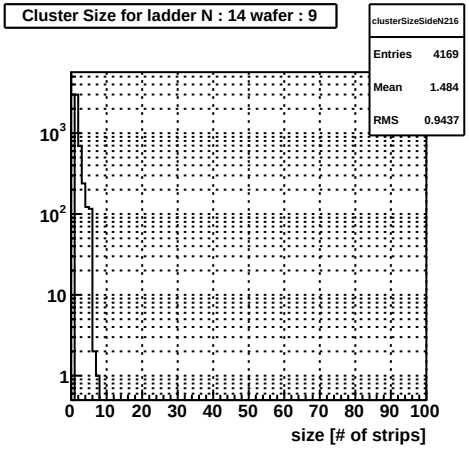

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2798
Mean 1.309
RMS 0.6788
size [# of strips]

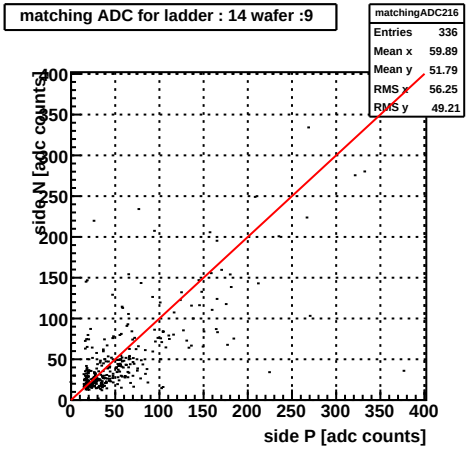

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 414
Mean x 50.77
Mean y 50.89
RMS x 55.95
RMS y 50.7
side N [adc counts]
side P [adc counts]

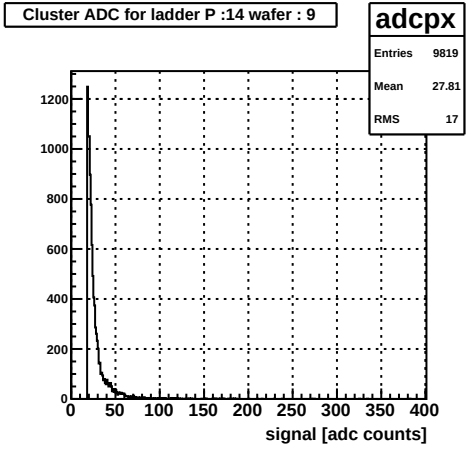

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6263
Mean 28.83
RMS 22.42
signal [adc counts]

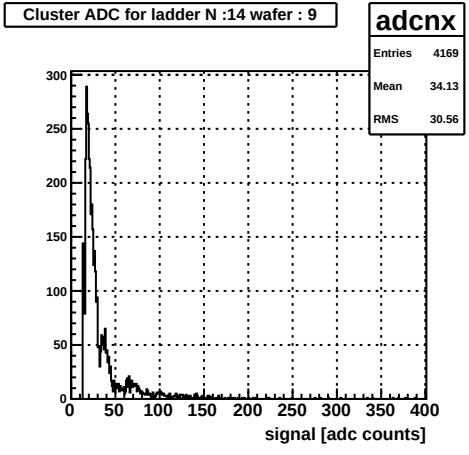

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2798
Mean 28.52
RMS 27.91
signal [adc counts]

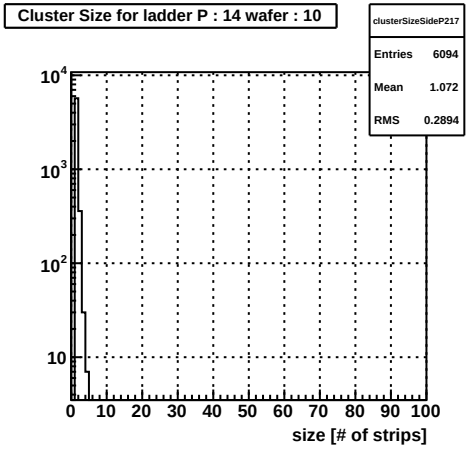

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 9819
Mean 1.065
RMS 0.282
size [# of strips]

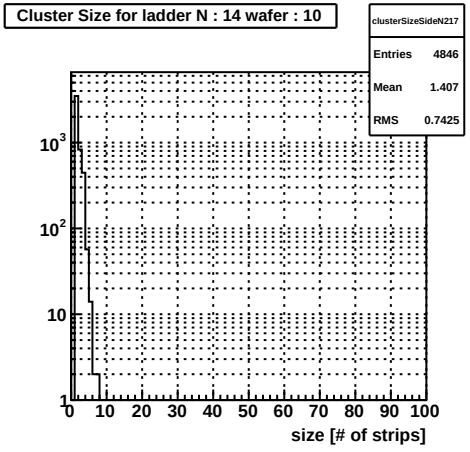

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4169
Mean 1.484
RMS 0.9437
size [# of strips]

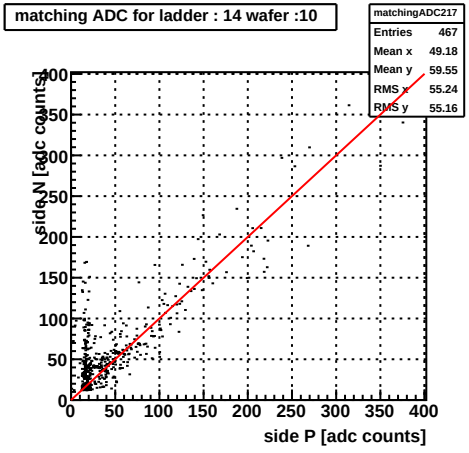

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 336
Mean x 59.89
Mean y 51.79
RMS x 56.25
RMS y 49.21
side N [adc counts]
side P [adc counts]

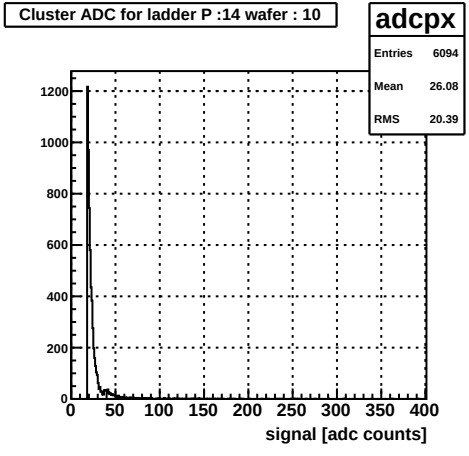

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 9819
Mean 27.81
RMS 17
signal [adc counts]

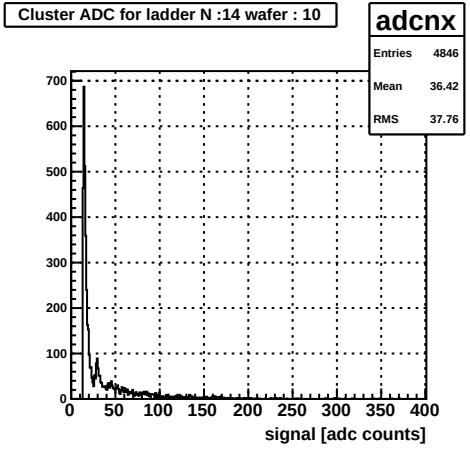

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4169
Mean 34.13
RMS 30.56
signal [adc counts]

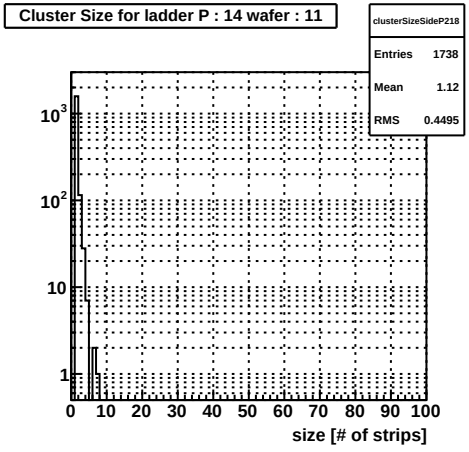

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6094
Mean 1.072
RMS 0.2894
size [# of strips]

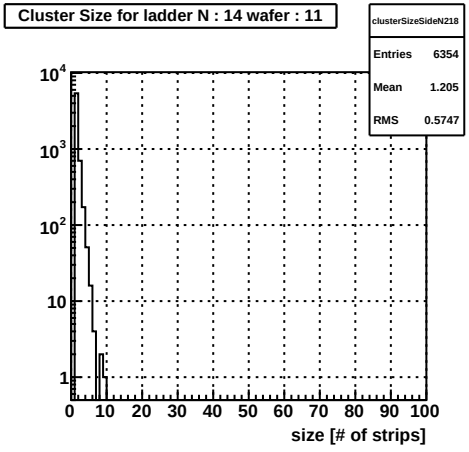

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4846
Mean 1.407
RMS 0.7425
size [# of strips]

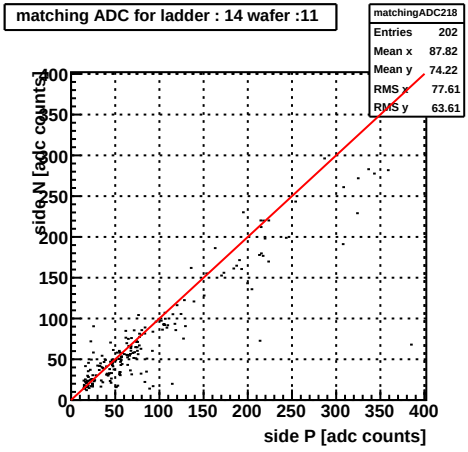

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 467
Mean x 49.18
Mean y 59.55
RMS x 55.24
RMS y 55.16
side N [adc counts]
side P [adc counts]

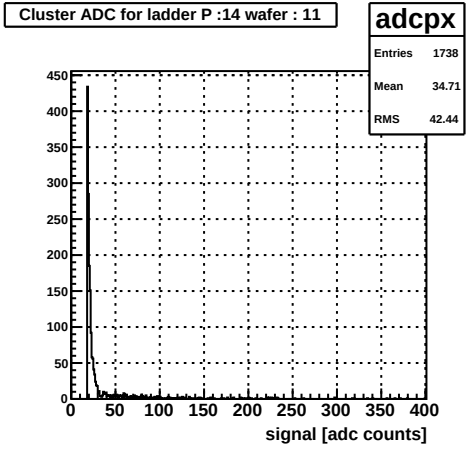

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6094
Mean 26.08
RMS 20.39
signal [adc counts]

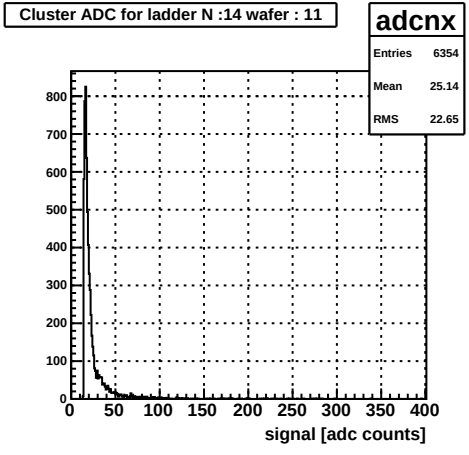

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4846
Mean 36.42
RMS 37.76
signal [adc counts]

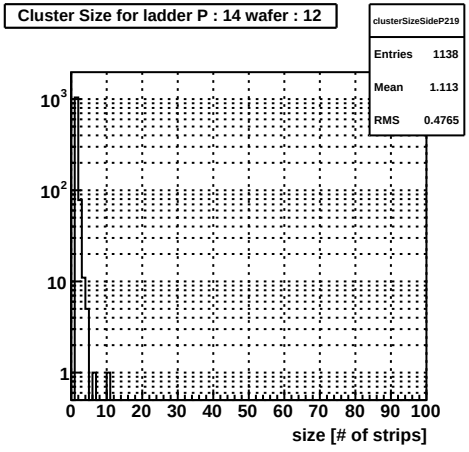

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1738
Mean 1.12
RMS 0.4495
size [# of strips]

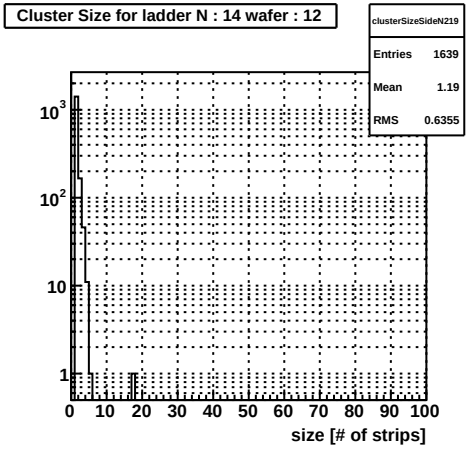

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6354
Mean 1.205
RMS 0.5747
size [# of strips]

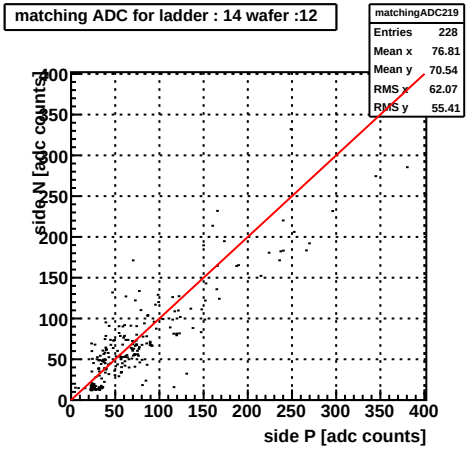

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 202
Mean x 87.82
Mean y 74.22
RMS x 77.61
RMS y 63.61
side N [adc counts]
side P [adc counts]

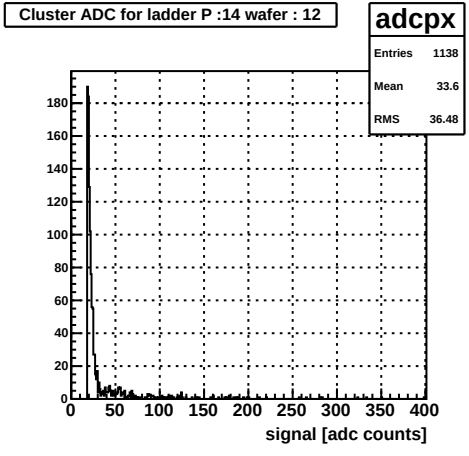

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1738
Mean 34.71
RMS 42.44
signal [adc counts]

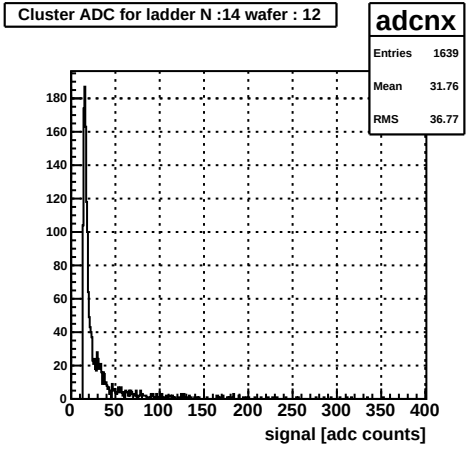

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6354
Mean 25.14
RMS 22.65
signal [adc counts]

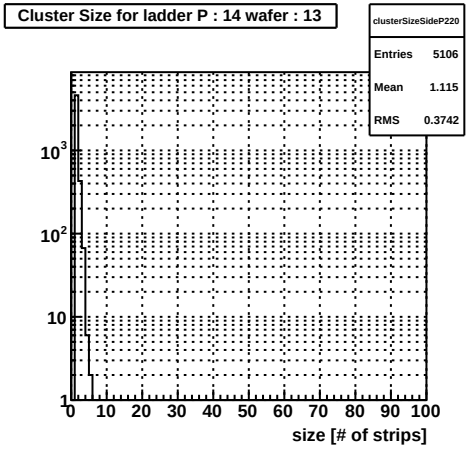

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1138
Mean 1.113
RMS 0.4765
size [# of strips]

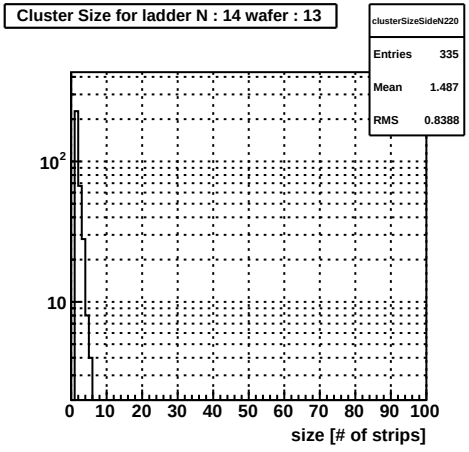

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1639
Mean 1.19
RMS 0.6355
size [# of strips]

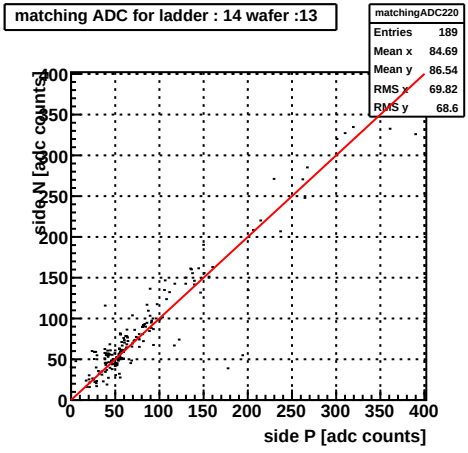

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 228
Mean x 76.81
Mean y 70.54
RMS x 62.07
RMS y 55.41
side N [adc counts]
side P [adc counts]

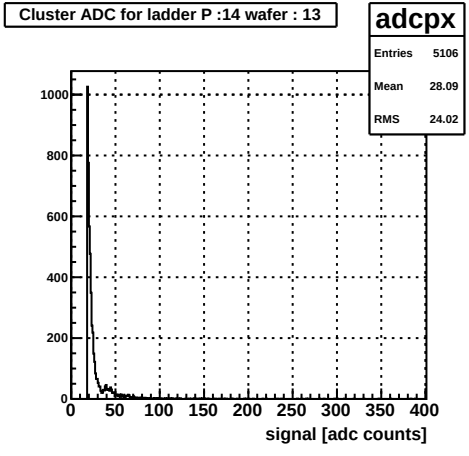

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1138
Mean 33.6
RMS 36.48
signal [adc counts]

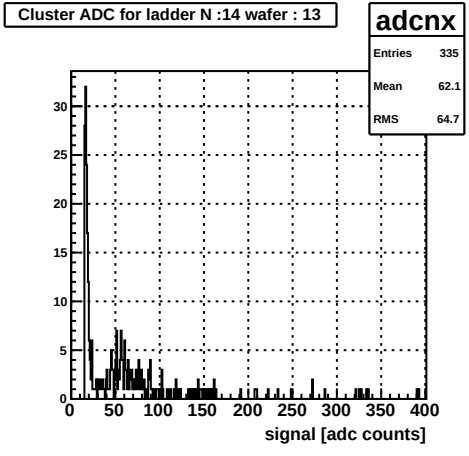

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1639
Mean 31.76
RMS 36.77
signal [adc counts]

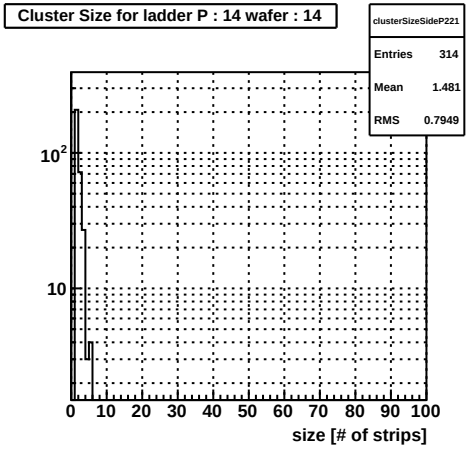

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5106
Mean 1.115
RMS 0.3742
size [# of strips]

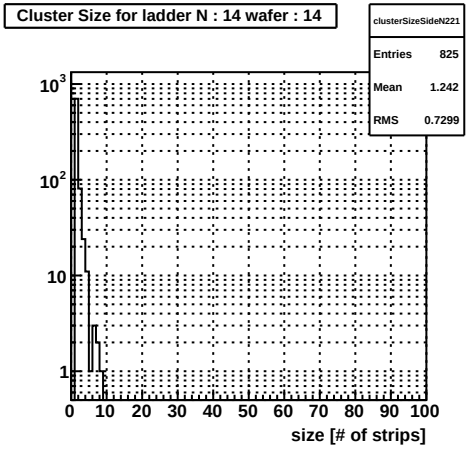

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 335
Mean 1.487
RMS 0.8388
size [# of strips]

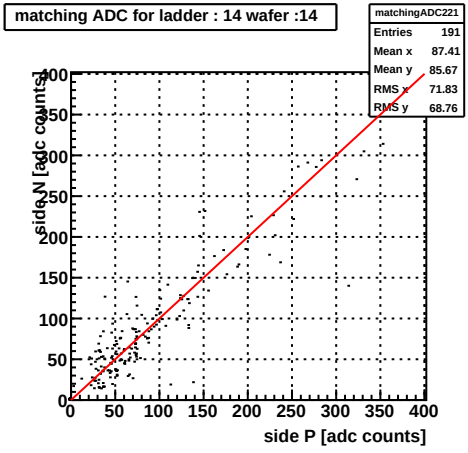

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 189
Mean x 84.69
Mean y 86.54
RMS x 69.82
RMS y 68.6
side N [adc counts]
side P [adc counts]

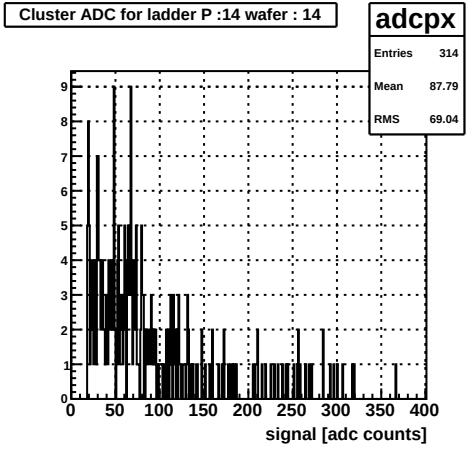

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5106
Mean 28.09
RMS 24.02
signal [adc counts]

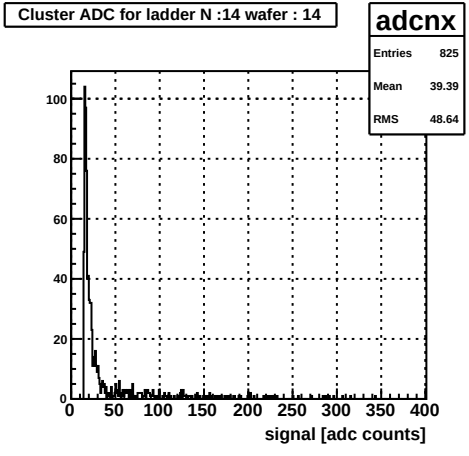

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 335
Mean 62.1
RMS 64.7
signal [adc counts]

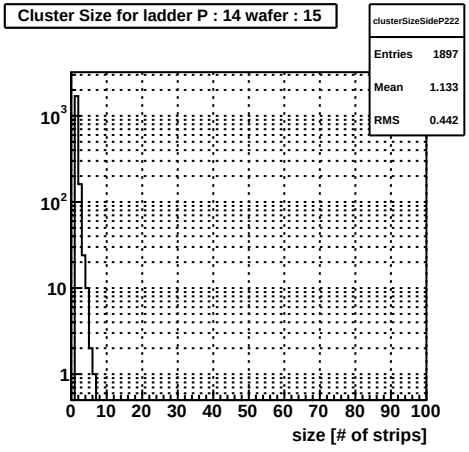

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 314
Mean 1.481
RMS 0.7949
size [# of strips]

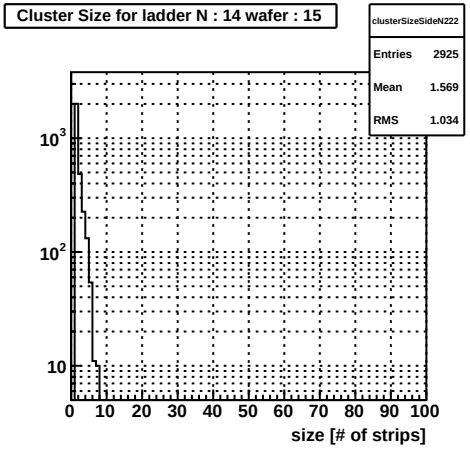

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 825
Mean 1.242
RMS 0.7299
size [# of strips]

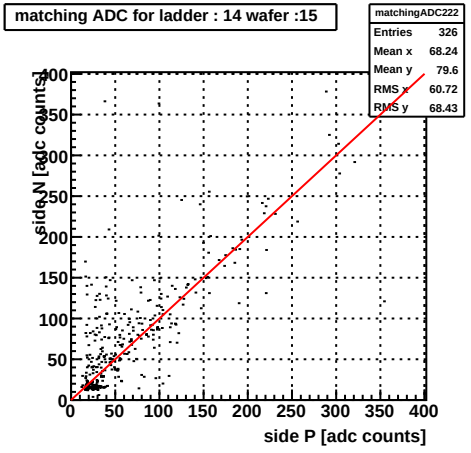

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 191
Mean x 87.41
Mean y 85.67
RMS x 71.83
RMS y 68.76
side N [adc counts]
side P [adc counts]

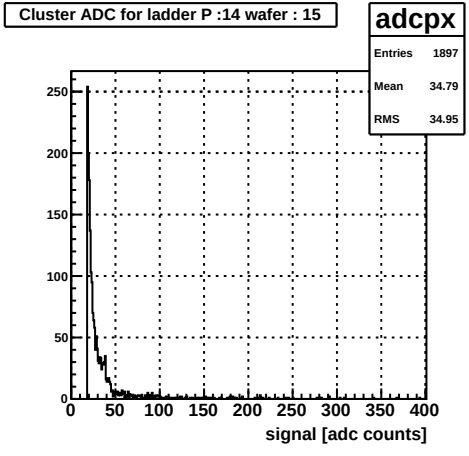

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 314
Mean 87.79
RMS 69.04
signal [adc counts]

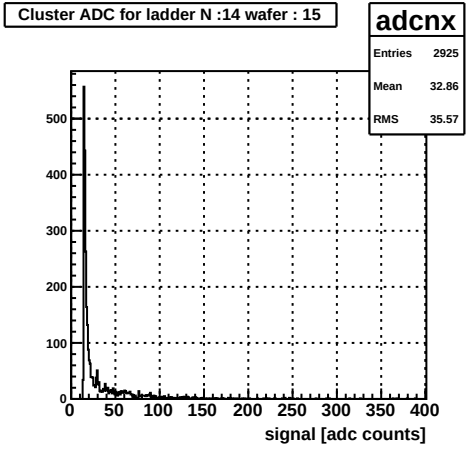

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 825
Mean 39.39
RMS 48.64
signal [adc counts]

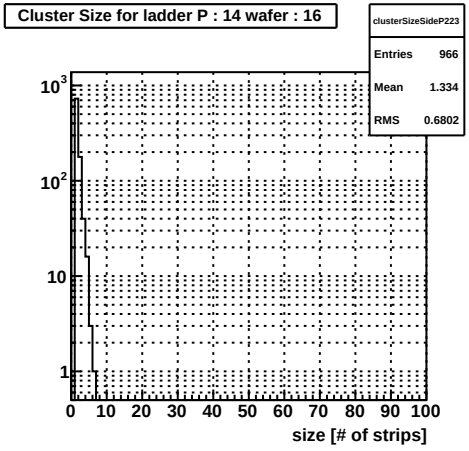

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1897
Mean 1.133
RMS 0.442
size [# of strips]

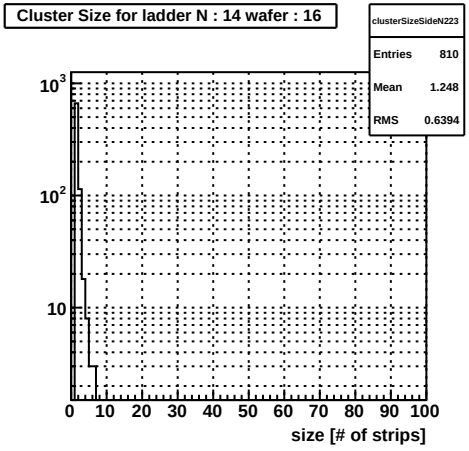

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2925
Mean 1.569
RMS 1.034
size [# of strips]

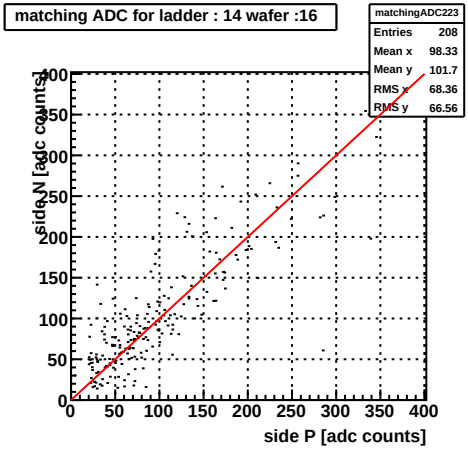

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 326
Mean x 68.24
Mean y 79.6
RMS x 60.72
RMS y 68.43
side N [adc counts]
side P [adc counts]

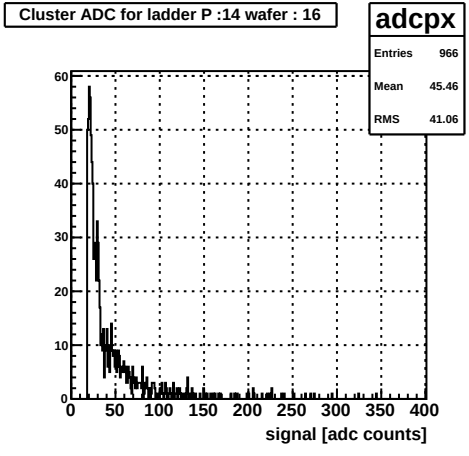

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1897
Mean 34.79
RMS 34.95
signal [adc counts]

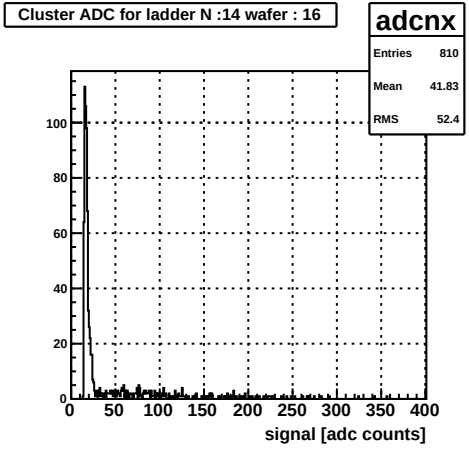

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2925
Mean 32.86
RMS 35.57
signal [adc counts]

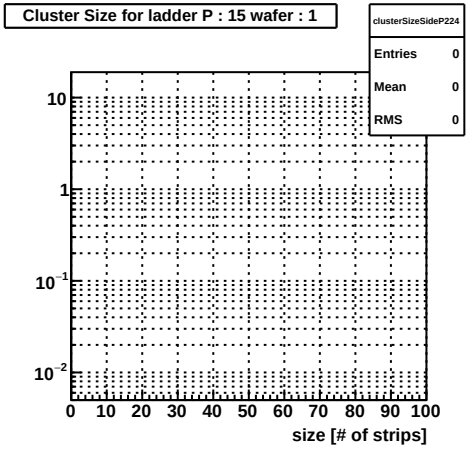

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 966
Mean 1.334
RMS 0.6802
size [# of strips]

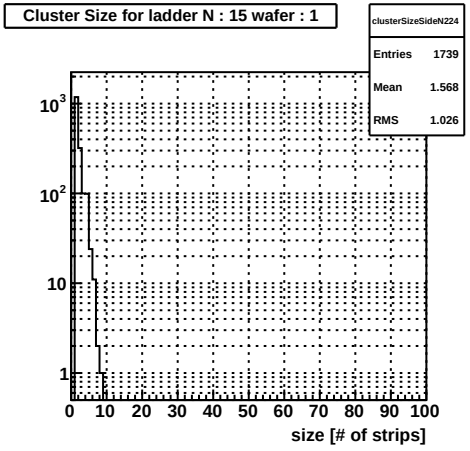

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 810
Mean 1.248
RMS 0.6394
size [# of strips]

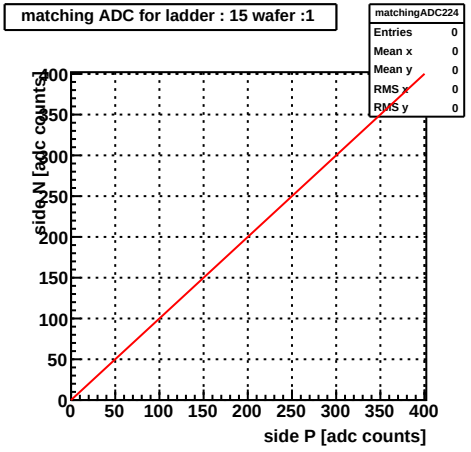

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 208
Mean x 98.33
Mean y 101.7
RMS x 68.36
RMS y 66.56
side N [adc counts]
side P [adc counts]

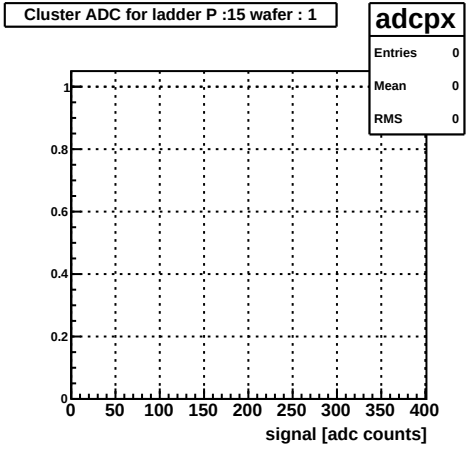

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 966
Mean 45.46
RMS 41.06
signal [adc counts]

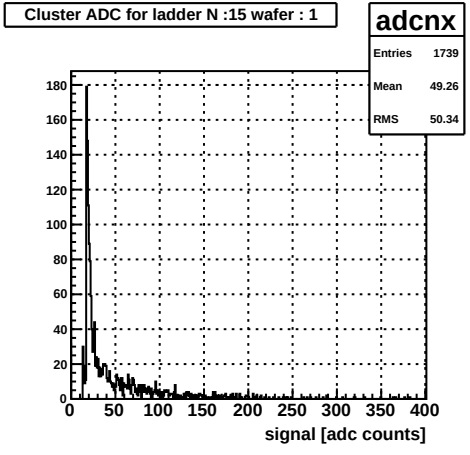

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 810
Mean 41.83
RMS 52.4
signal [adc counts]

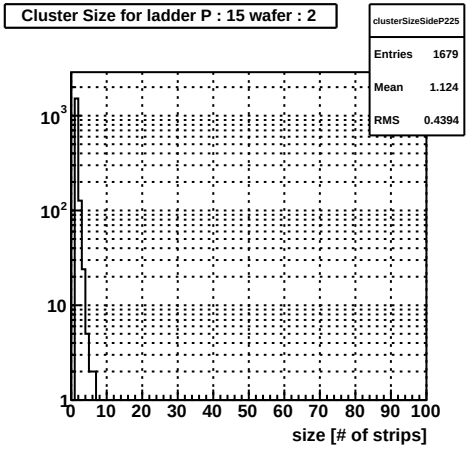

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

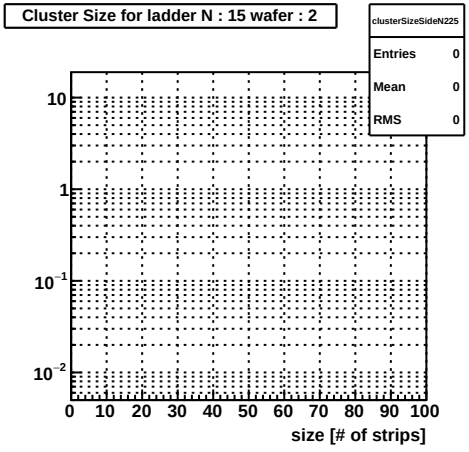

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1739
Mean 1.568
RMS 1.026
size [# of strips]

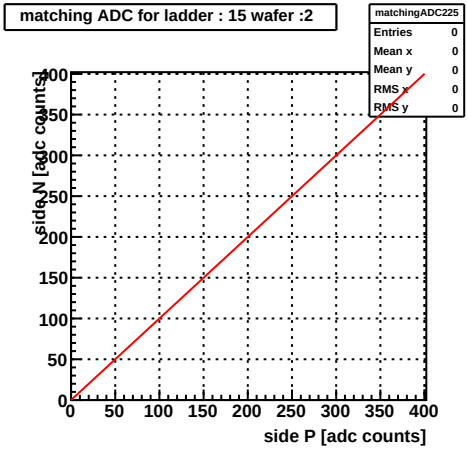

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

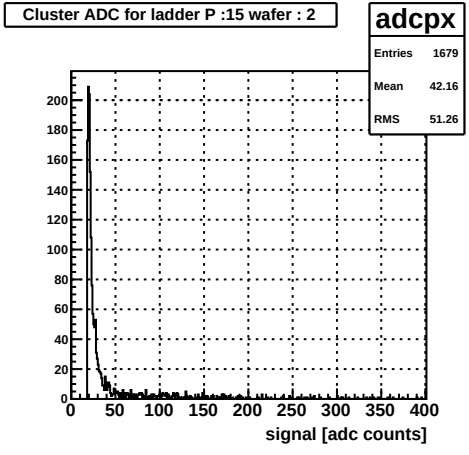

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

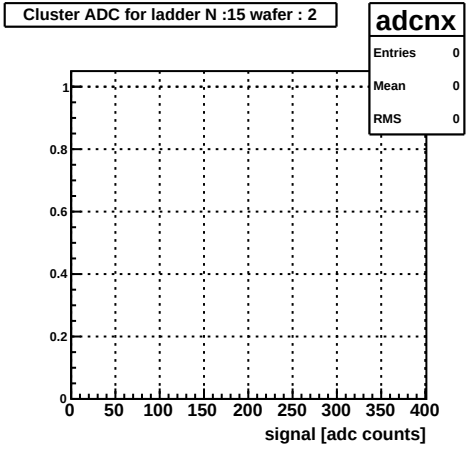

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1739
Mean 49.26
RMS 50.34
signal [adc counts]

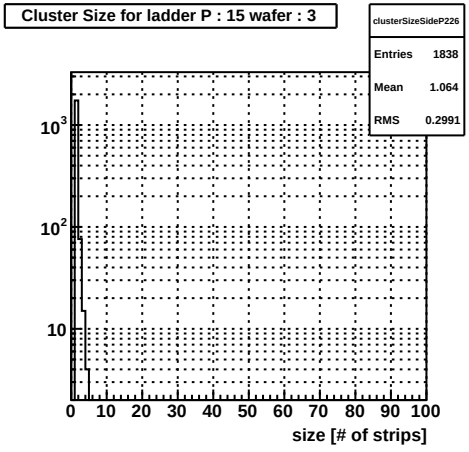

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1679
Mean 1.124
RMS 0.4394
size [# of strips]

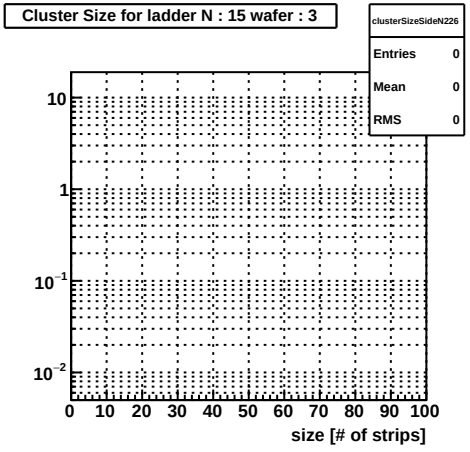

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

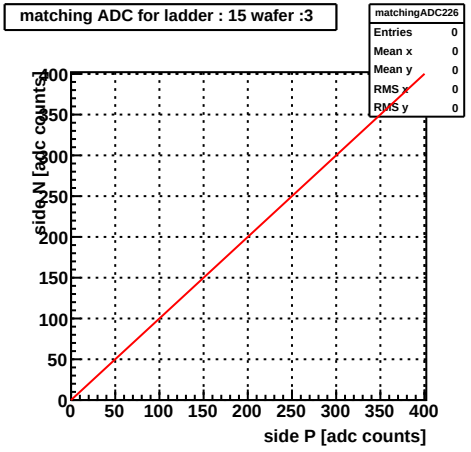

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

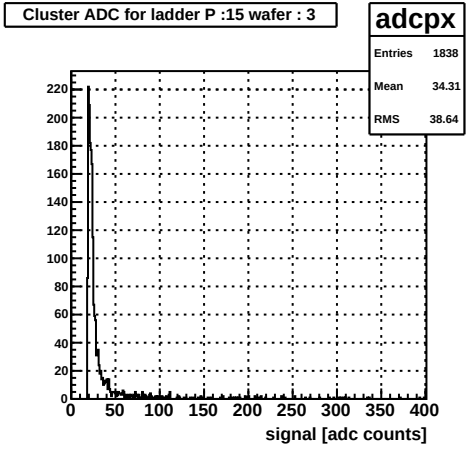

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1679
Mean 42.16
RMS 51.26
signal [adc counts]

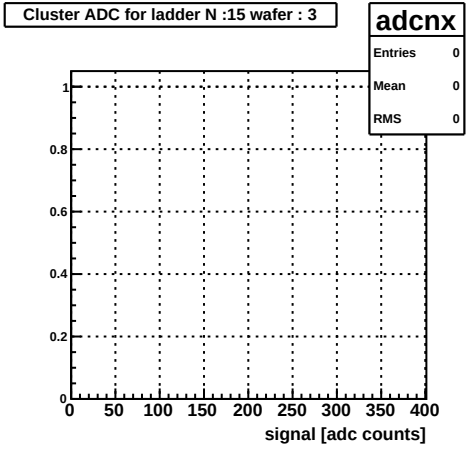

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

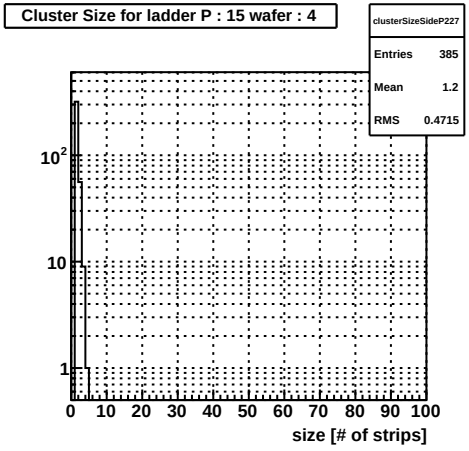

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1838
Mean 1.064
RMS 0.2991
size [# of strips]

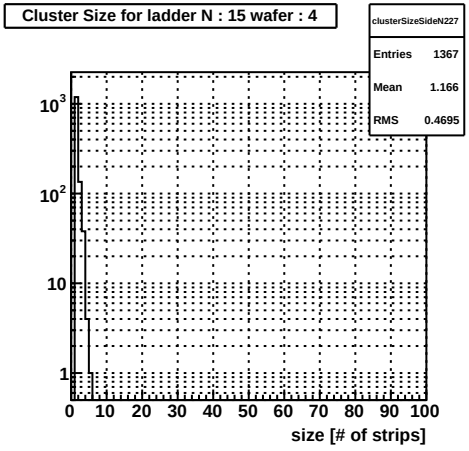

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

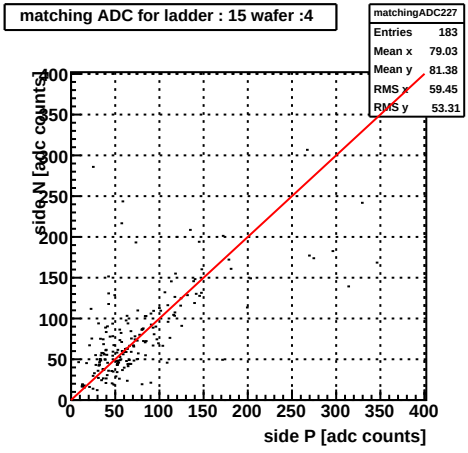

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

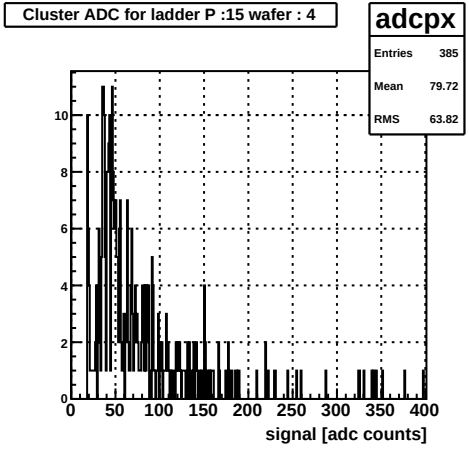

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1838
Mean 34.31
RMS 38.64
signal [adc counts]

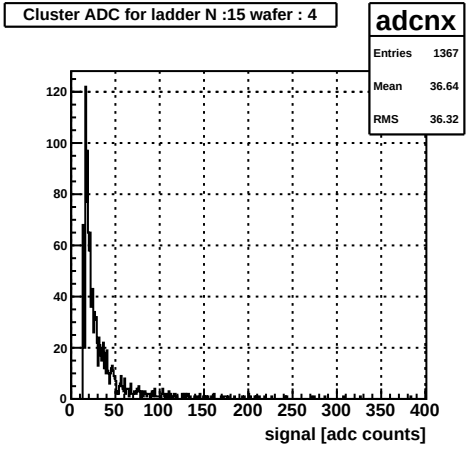

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

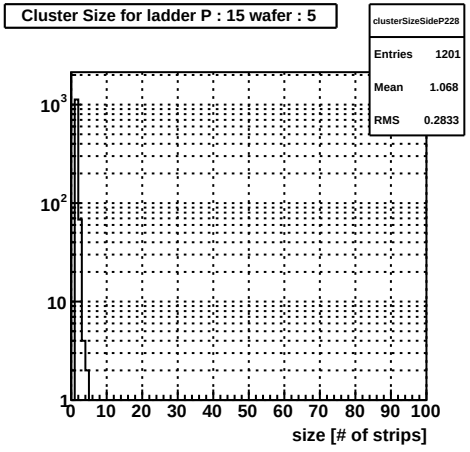

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 385
Mean 1.2
RMS 0.4715
size [# of strips]

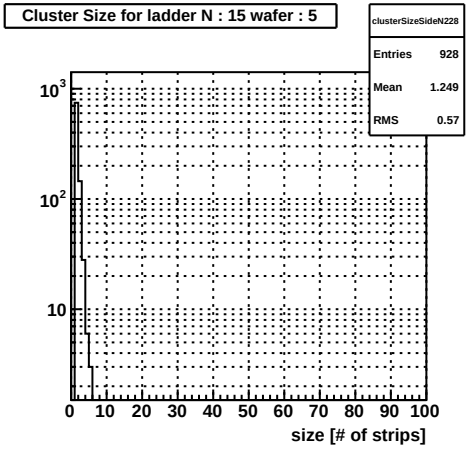

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1367
Mean 1.166
RMS 0.4695
size [# of strips]

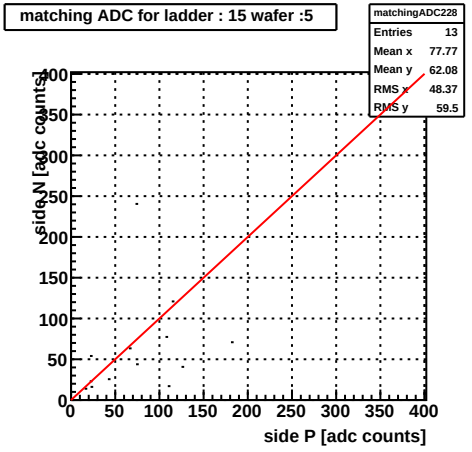

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 183
Mean x 79.03
Mean y 81.38
RMS x 59.45
RMS y 53.31
side N [adc counts]
side P [adc counts]

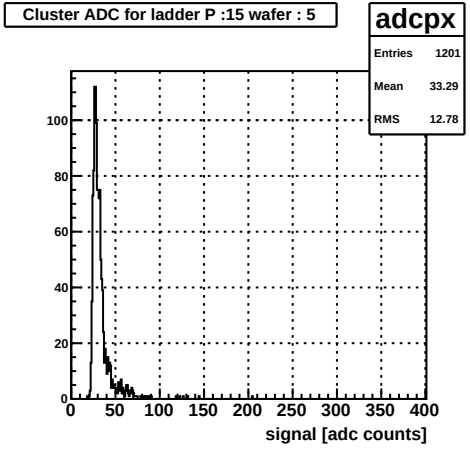

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 385
Mean 79.72
RMS 63.82
signal [adc counts]

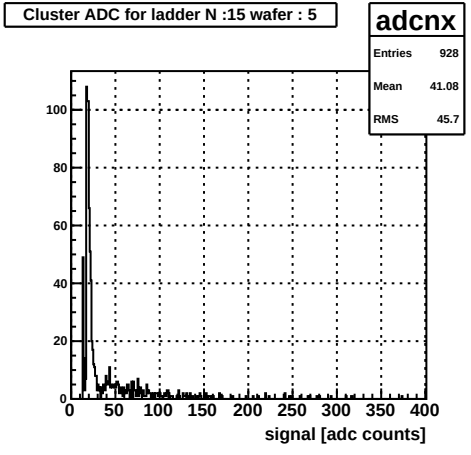

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1367
Mean 36.64
RMS 36.32
signal [adc counts]

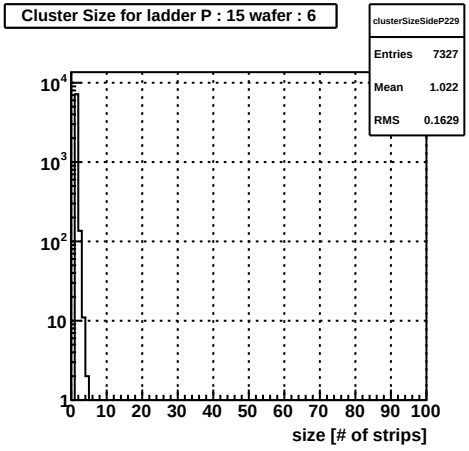

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1201
Mean 1.068
RMS 0.2833
size [# of strips]

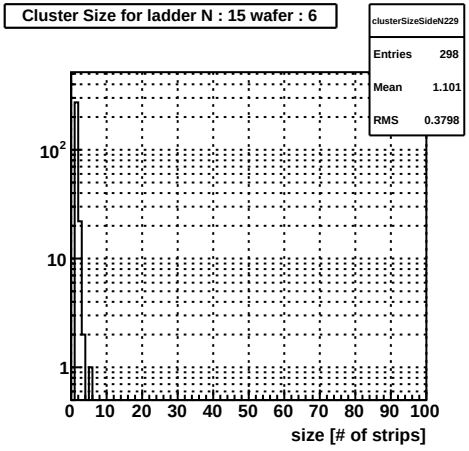

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 928
Mean 1.249
RMS 0.57
size [# of strips]

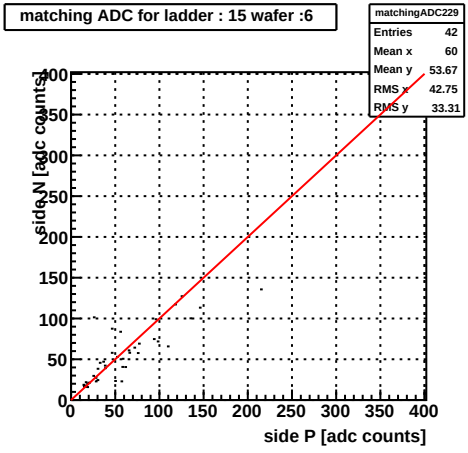

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 13
Mean x 77.77
Mean y 62.08
RMS x 48.37
RMS y 59.5
side N [adc counts]
side P [adc counts]

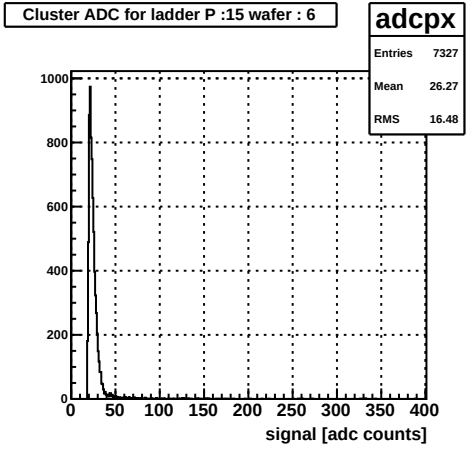

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1201
Mean 33.29
RMS 12.78
signal [adc counts]

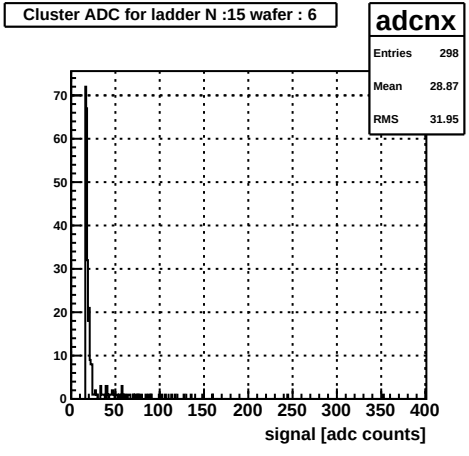

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 928
Mean 41.08
RMS 45.7
signal [adc counts]

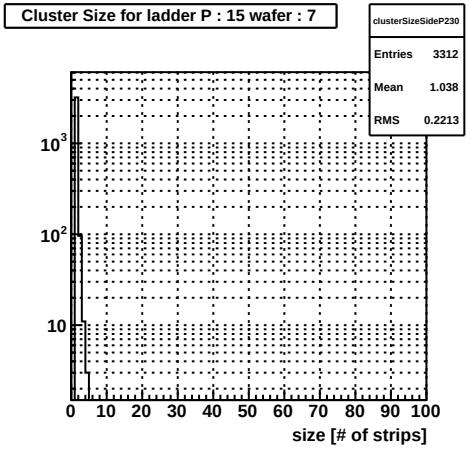

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7327
Mean 1.022
RMS 0.1629
size [# of strips]

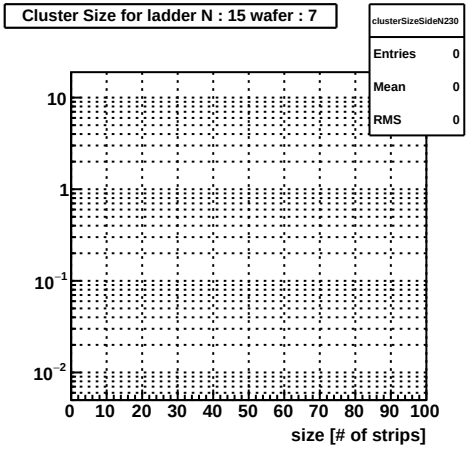

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 298
Mean 1.101
RMS 0.3798
size [# of strips]

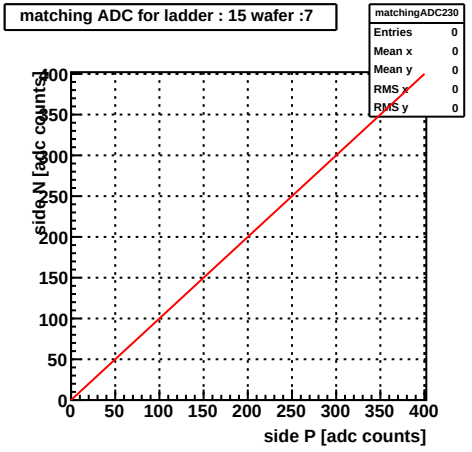

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 42
Mean x 60
Mean y 53.67
RMS x 42.75
RMS y 33.31
side N [adc counts]
side P [adc counts]

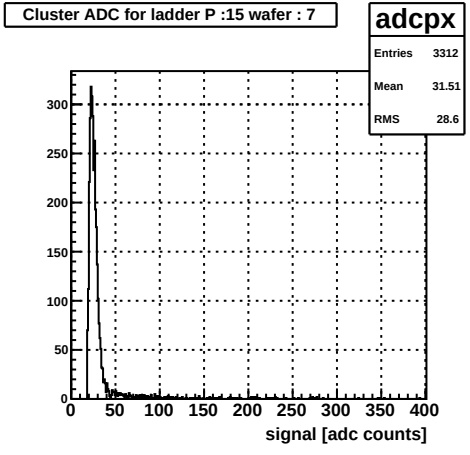

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7327
Mean 26.27
RMS 16.48
signal [adc counts]

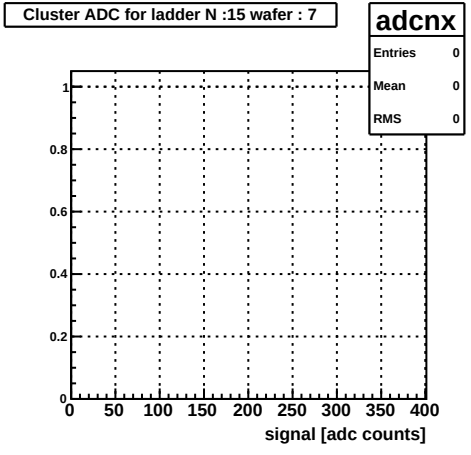

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 298
Mean 28.87
RMS 31.95
signal [adc counts]

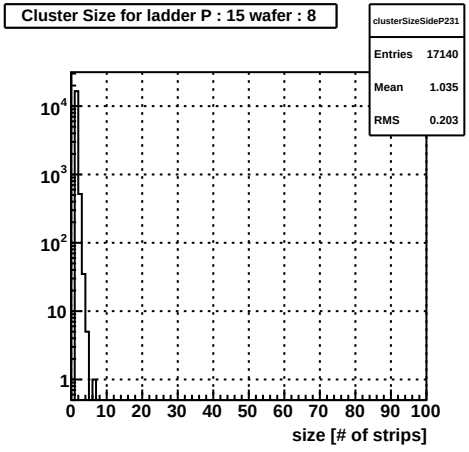

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3312
Mean 1.038
RMS 0.2213
size [# of strips]

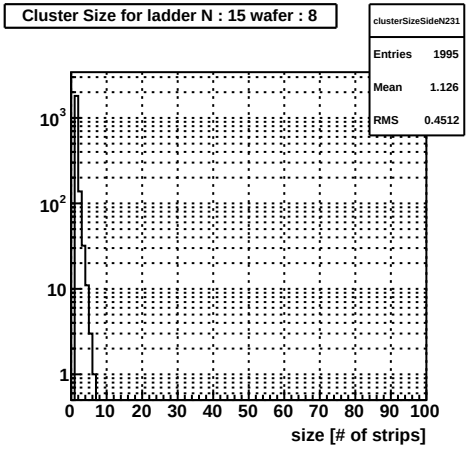

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

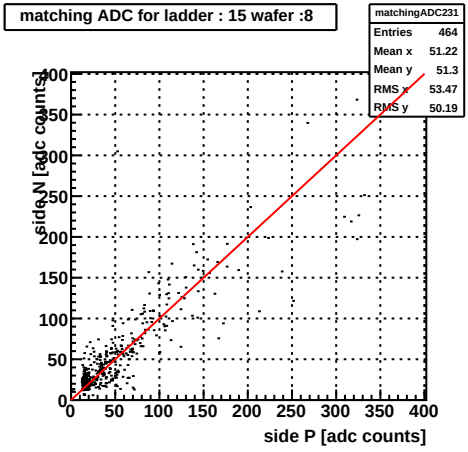

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

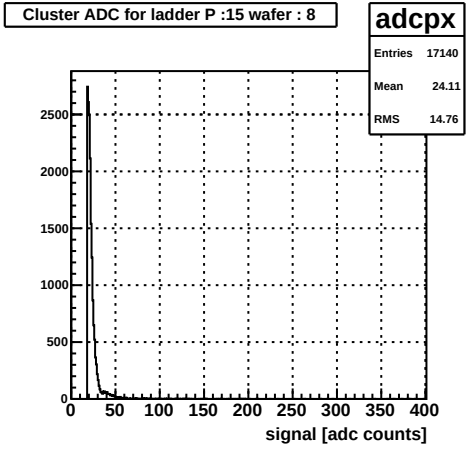

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3312
Mean 31.51
RMS 28.6
signal [adc counts]

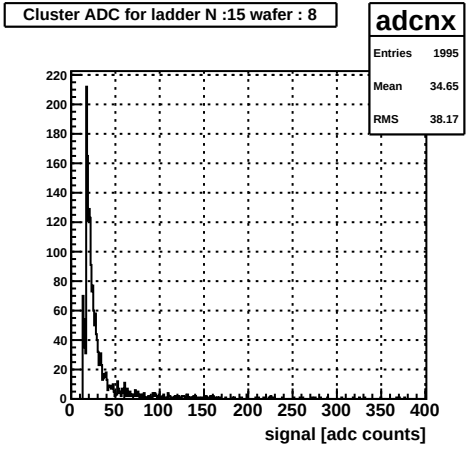

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

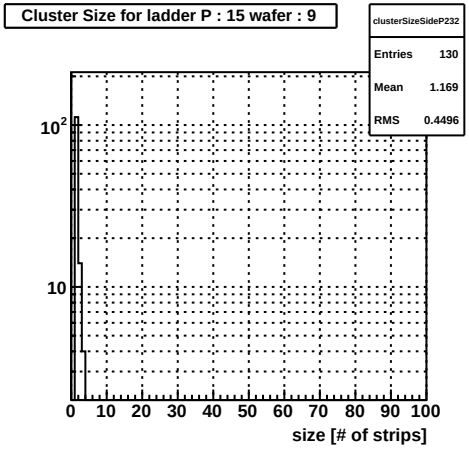

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 17140
Mean 1.035
RMS 0.203
size [# of strips]

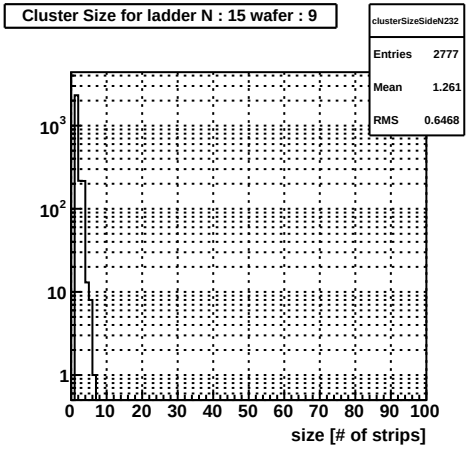

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1995
Mean 1.126
RMS 0.4512
size [# of strips]

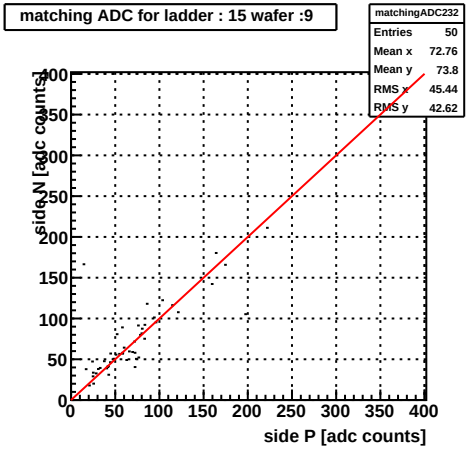

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 464
Mean x 51.22
Mean y 51.3
RMS x 53.47
RMS y 50.19
side N [adc counts]
side P [adc counts]

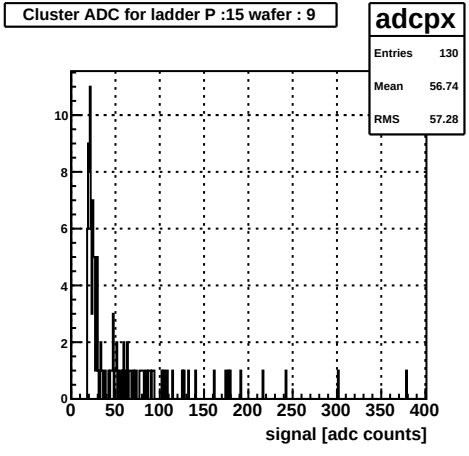

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 17140
Mean 24.11
RMS 14.76
signal [adc counts]

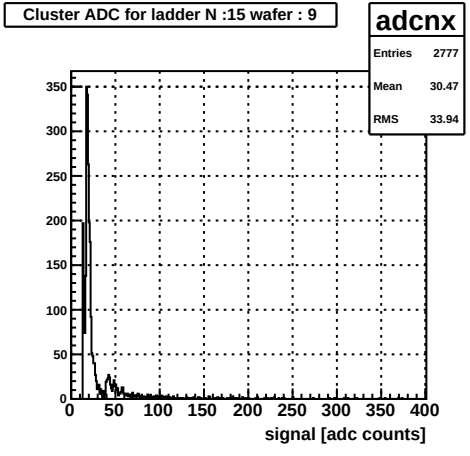

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1995
Mean 34.65
RMS 38.17
signal [adc counts]

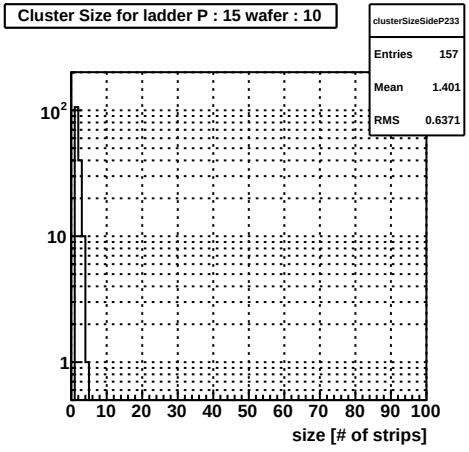

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 130
Mean 1.169
RMS 0.4496
size [# of strips]

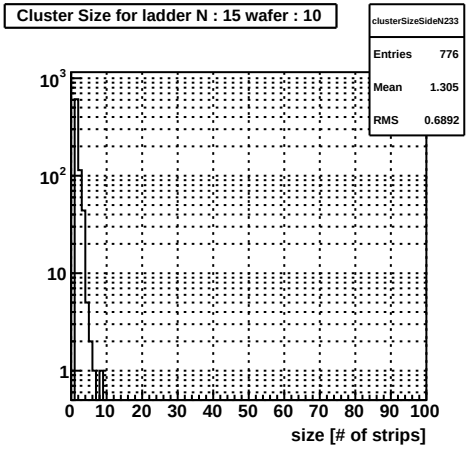

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2777
Mean 1.261
RMS 0.6468
size [# of strips]

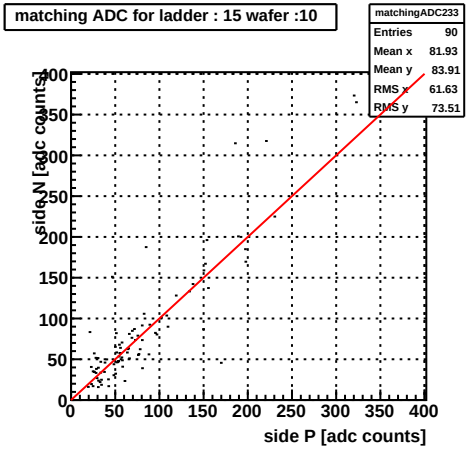

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 50
Mean x 72.76
Mean y 73.8
RMS x 45.44
RMS y 42.62
side N [adc counts]
side P [adc counts]

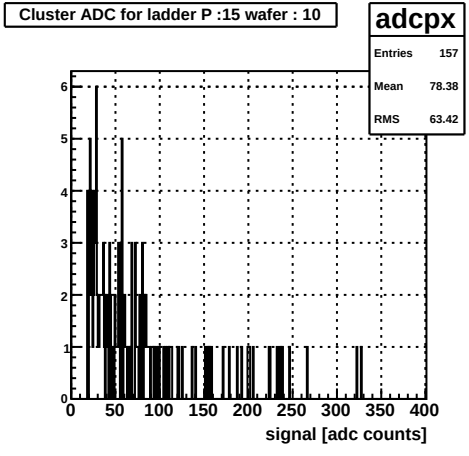

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 130
Mean 56.74
RMS 57.28
signal [adc counts]

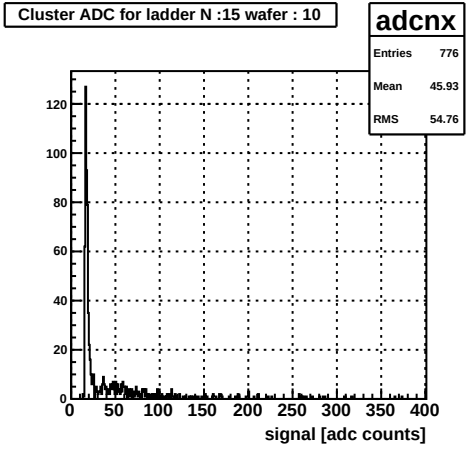

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2777
Mean 30.47
RMS 33.94
signal [adc counts]

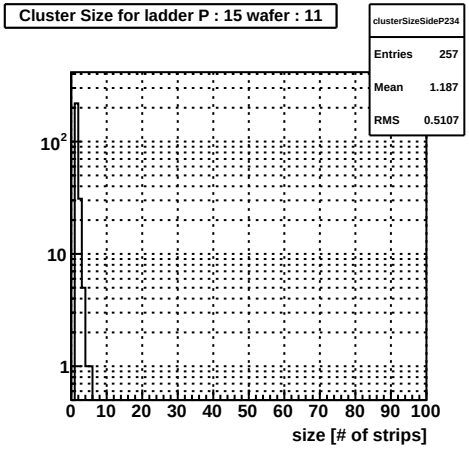

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 157
Mean 1.401
RMS 0.6371
size [# of strips]

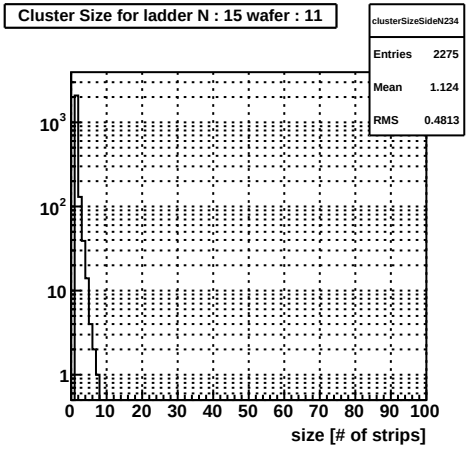

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 776
Mean 1.305
RMS 0.6892
size [# of strips]

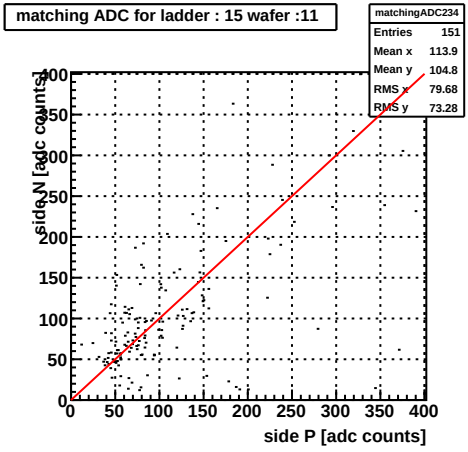

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 90
Mean x 81.93
Mean y 83.91
RMS x 61.63
RMS y 73.51
side N [adc counts]
side P [adc counts]

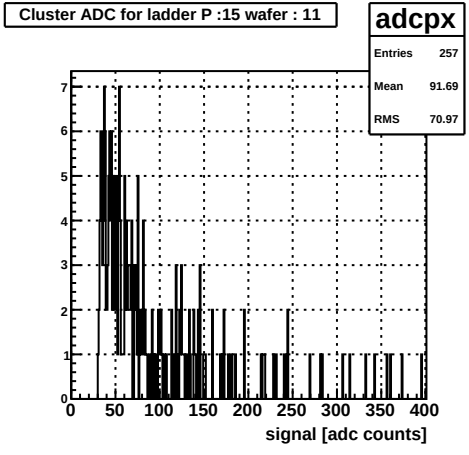

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 157
Mean 78.38
RMS 63.42
signal [adc counts]

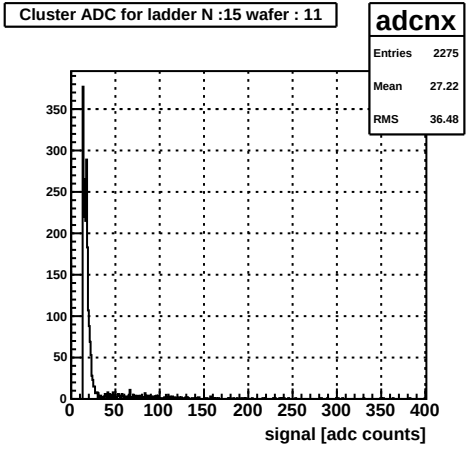

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 776
Mean 45.93
RMS 54.76
signal [adc counts]

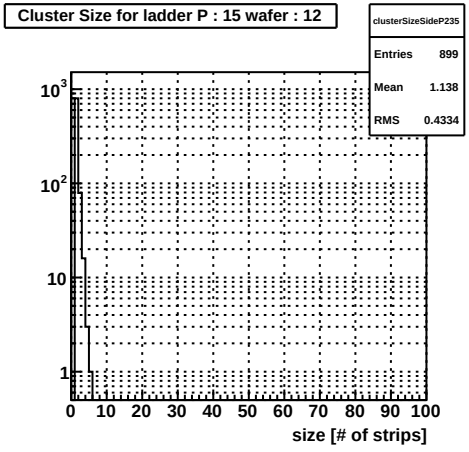

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 257
Mean 1.187
RMS 0.5107
size [# of strips]

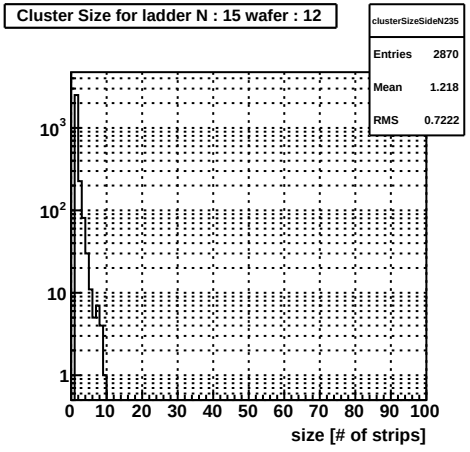

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2275
Mean 1.124
RMS 0.4813
size [# of strips]

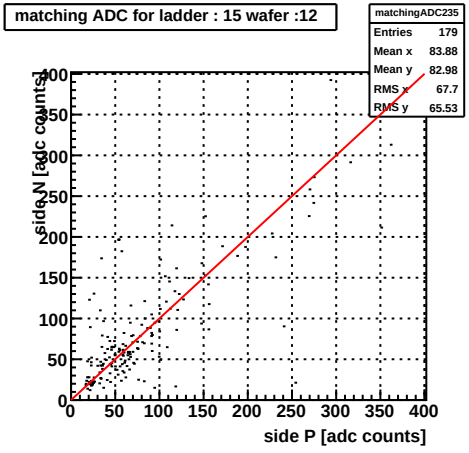

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 151
Mean x 113.9
Mean y 104.8
RMS x 79.68
RMS y 73.28
side N [adc counts]
side P [adc counts]

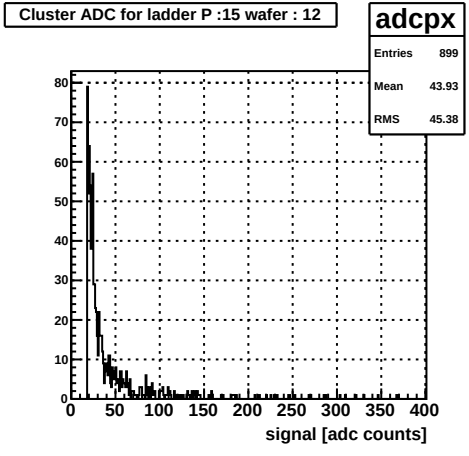

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 257
Mean 91.69
RMS 70.97
signal [adc counts]

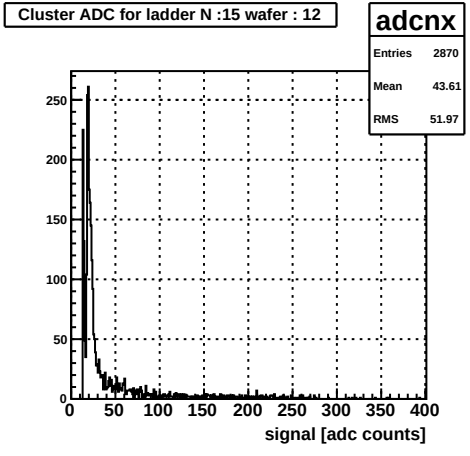

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2275
Mean 27.22
RMS 36.48
signal [adc counts]

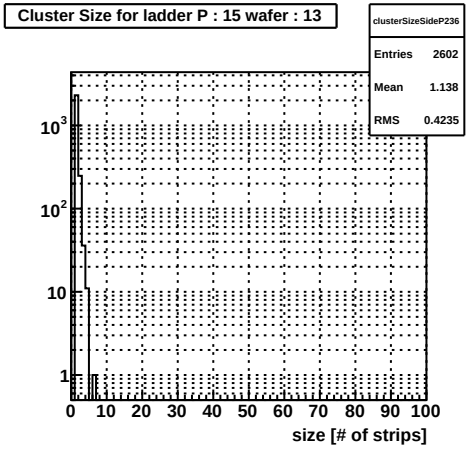

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 899
Mean 1.138
RMS 0.4334
size [# of strips]

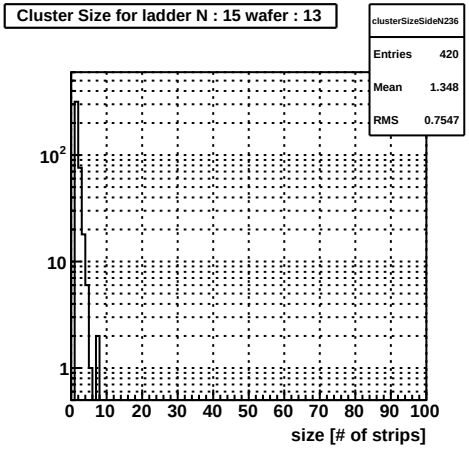

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2870
Mean 1.218
RMS 0.7222
size [# of strips]

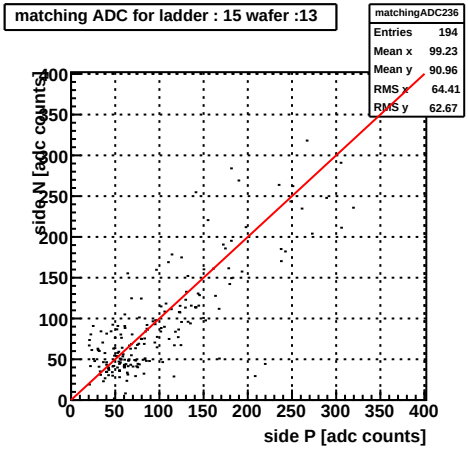

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 179
Mean x 83.88
Mean y 82.98
RMS x 67.7
RMS y 65.53
side N [adc counts]
side P [adc counts]

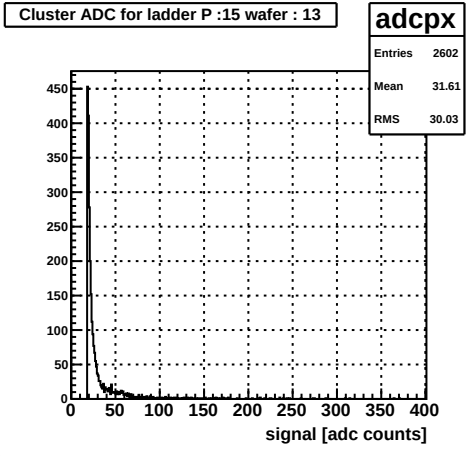

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 899
Mean 43.93
RMS 45.38
signal [adc counts]

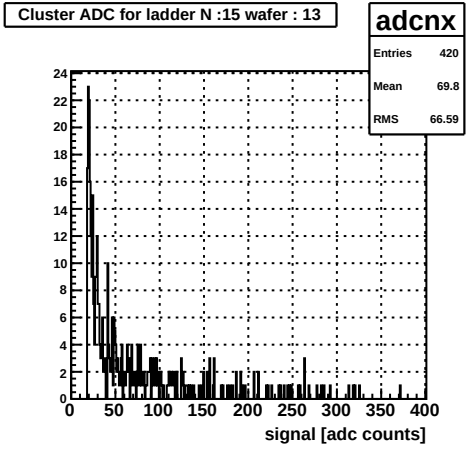

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2870
Mean 43.61
RMS 51.97
signal [adc counts]

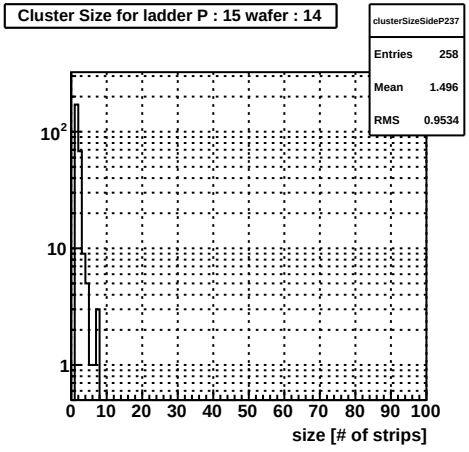

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2602
Mean 1.138
RMS 0.4235
size [# of strips]

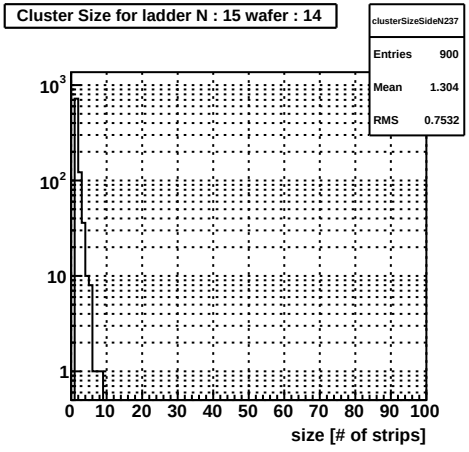

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 420
Mean 1.348
RMS 0.7547
size [# of strips]

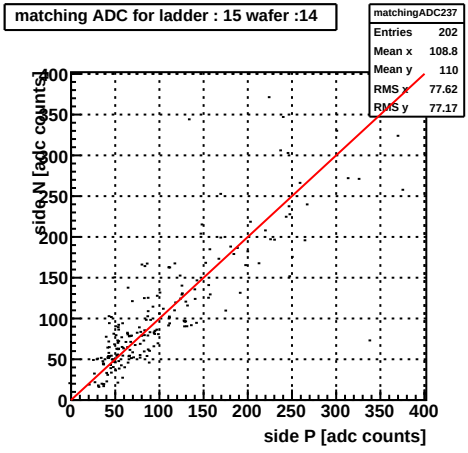

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 194
Mean x 99.23
Mean y 90.96
RMS x 64.41
RMS y 62.67
side N [adc counts]
side P [adc counts]

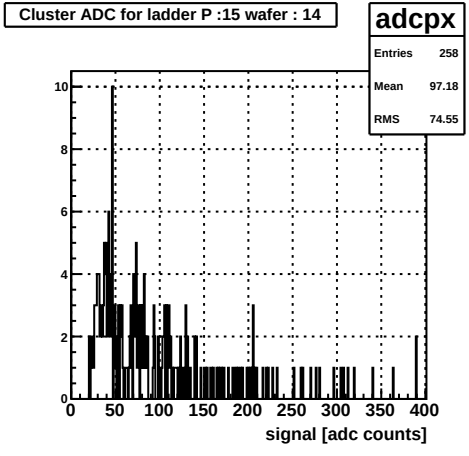

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2602
Mean 31.61
RMS 30.03
signal [adc counts]

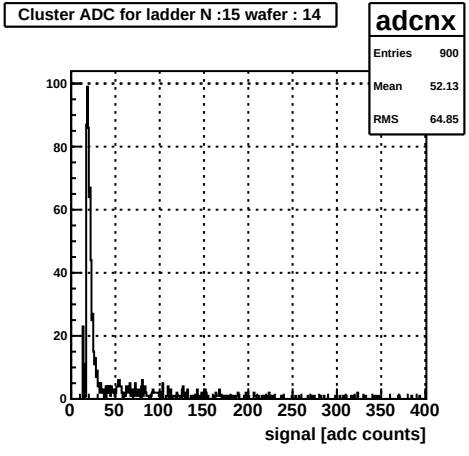

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 420
Mean 69.8
RMS 66.59
signal [adc counts]

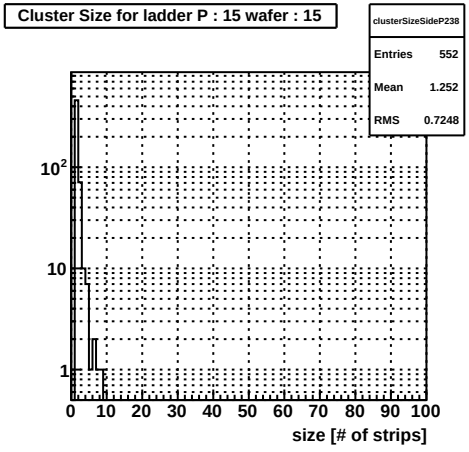

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 258
Mean 1.496
RMS 0.9534
size [# of strips]

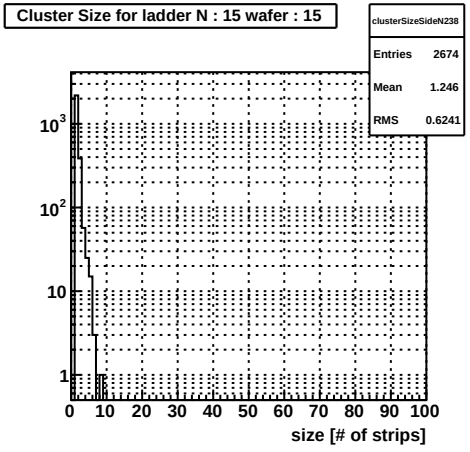

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 900
Mean 1.304
RMS 0.7532
size [# of strips]

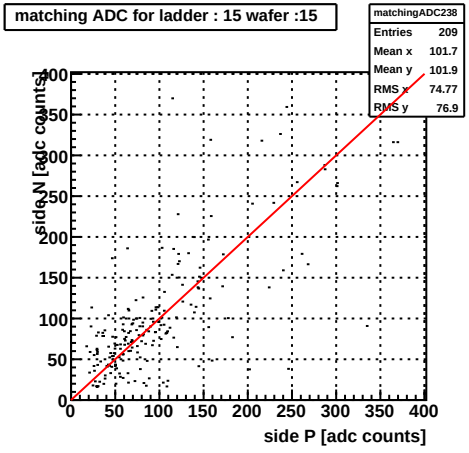

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 202
Mean x 108.8
Mean y 110
RMS x 77.62
RMS y 77.17
side N [adc counts]
side P [adc counts]

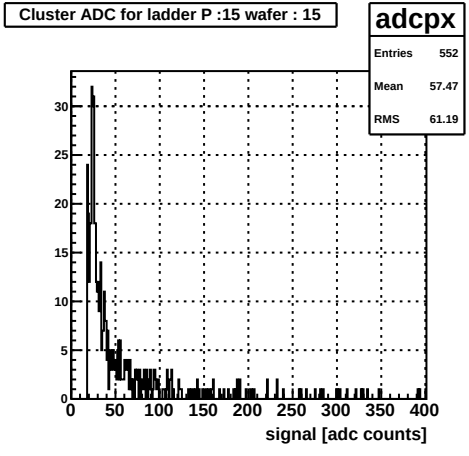

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 258
Mean 97.18
RMS 74.55
signal [adc counts]

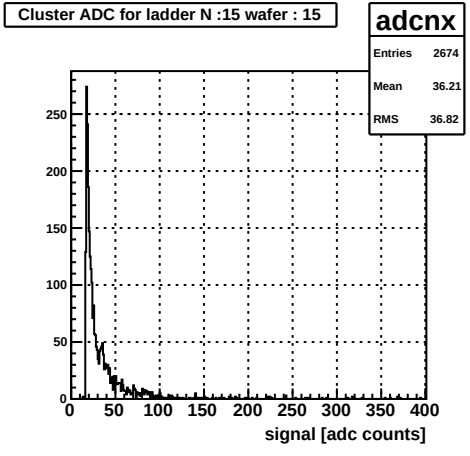

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 900
Mean 52.13
RMS 64.85
signal [adc counts]

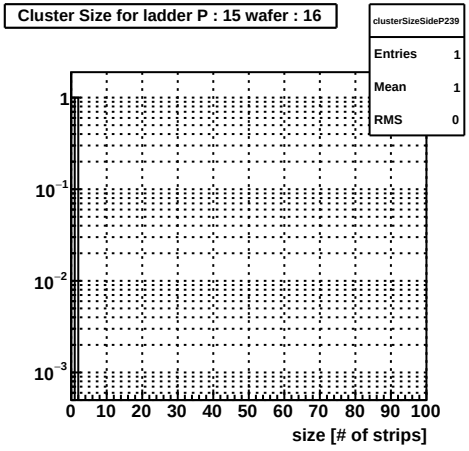

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 552
Mean 1.252
RMS 0.7248
size [# of strips]

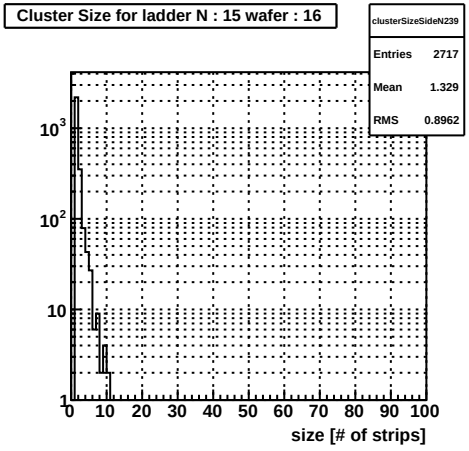

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2674
Mean 1.246
RMS 0.6241
size [# of strips]

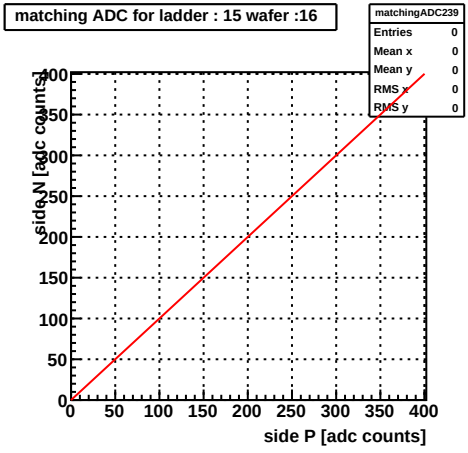

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 209
Mean x 101.7
Mean y 101.9
RMS x 74.77
RMS y 76.9
side N [adc counts]
side P [adc counts]

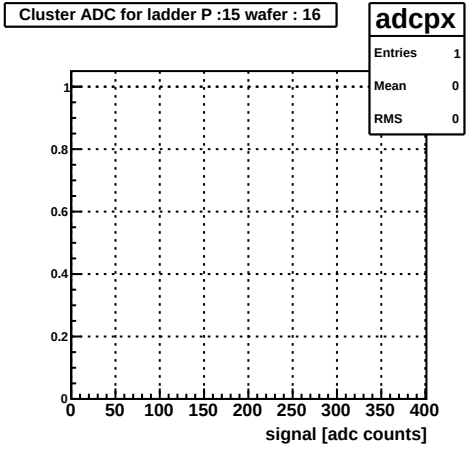

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 552
Mean 57.47
RMS 61.19
signal [adc counts]

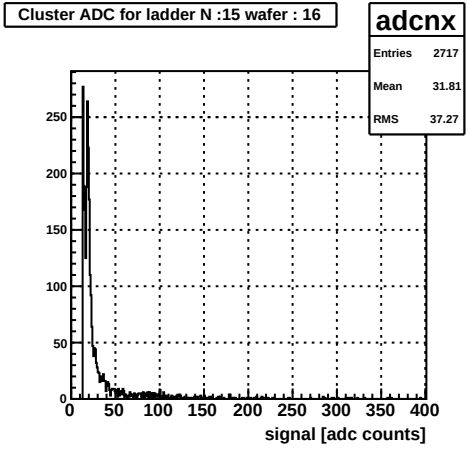

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2674
Mean 36.21
RMS 36.82
signal [adc counts]

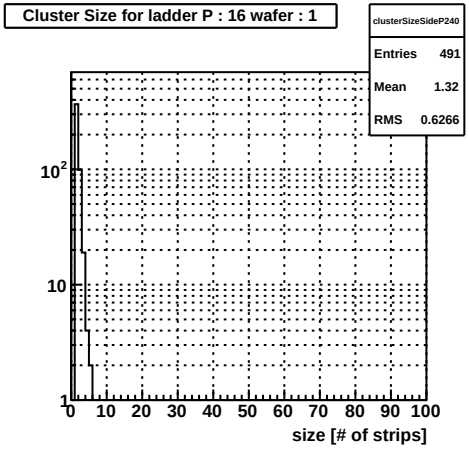

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

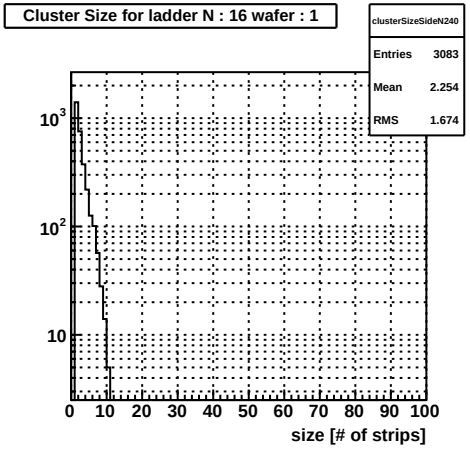

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2717
Mean 1.329
RMS 0.8962
size [# of strips]

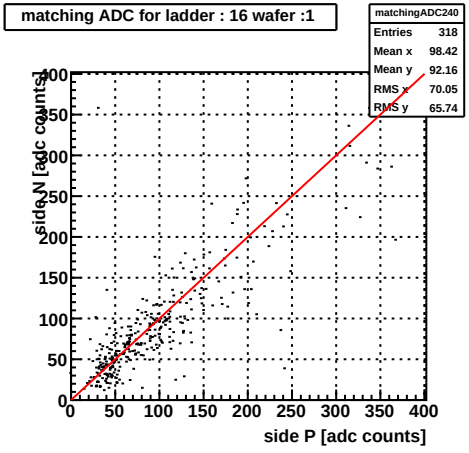

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

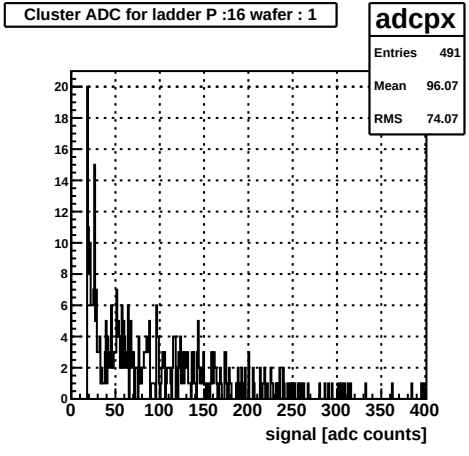

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

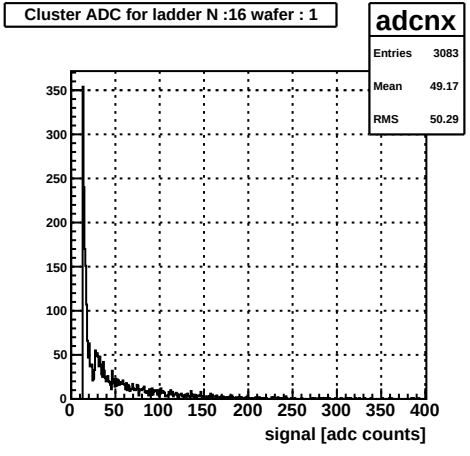

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2717
Mean 31.81
RMS 37.27
signal [adc counts]

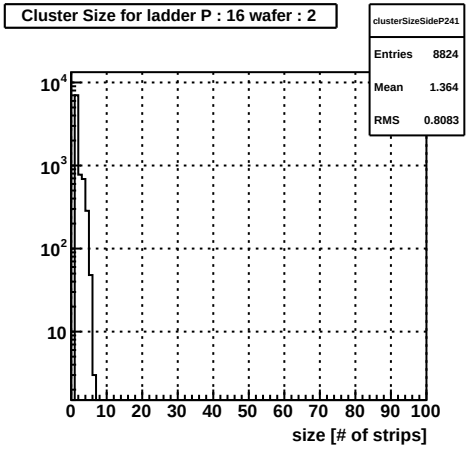

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 491
Mean 1.32
RMS 0.6266
size [# of strips]

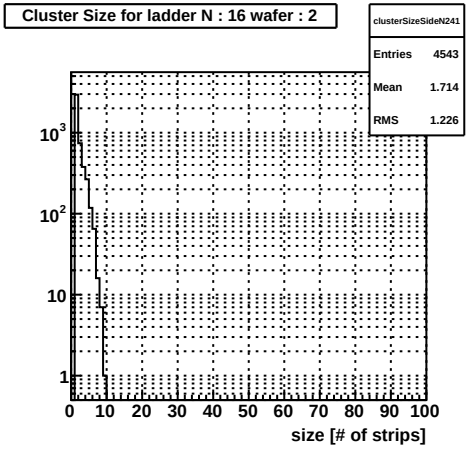

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3083
Mean 2.254
RMS 1.674
size [# of strips]

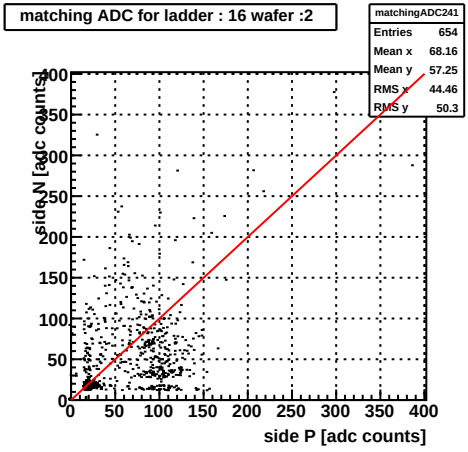

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 318
Mean x 98.42
Mean y 92.16
RMS x 70.05
RMS y 65.74
side N [adc counts]
side P [adc counts]

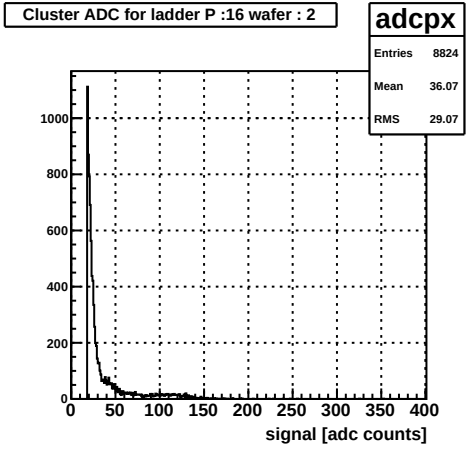

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 491
Mean 96.07
RMS 74.07
signal [adc counts]

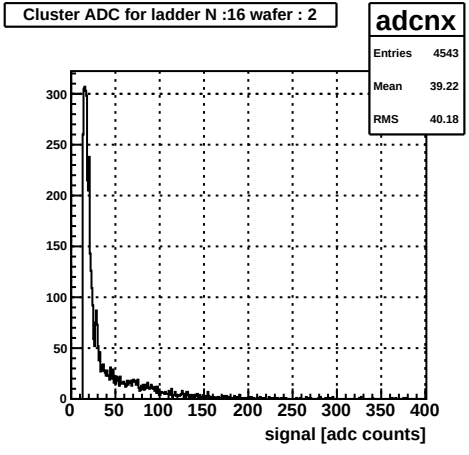

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3083
Mean 49.17
RMS 50.29
signal [adc counts]

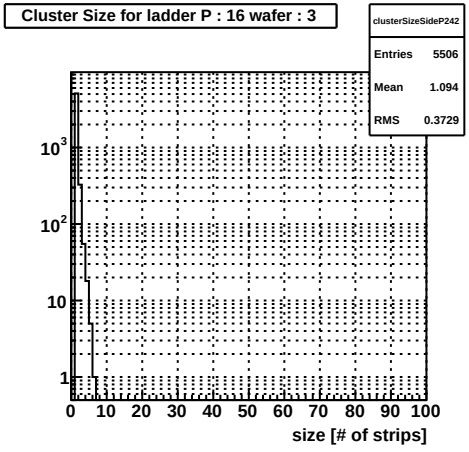

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 8824
Mean 1.364
RMS 0.8083
size [# of strips]

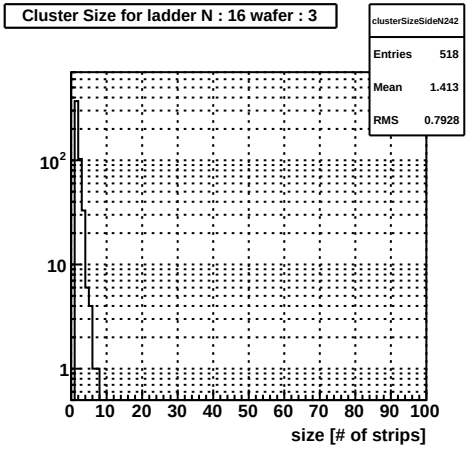

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4543
Mean 1.714
RMS 1.226
size [# of strips]

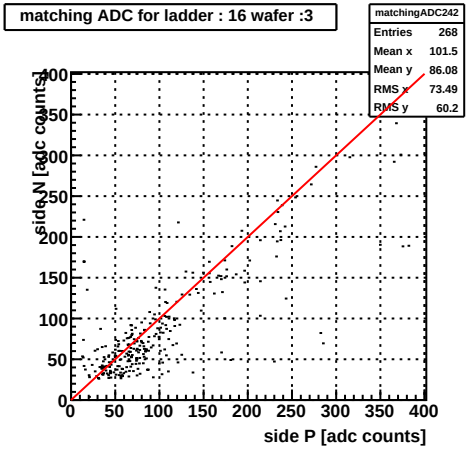

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 654
Mean x 68.16
Mean y 57.25
RMS x 44.46
RMS y 50.3
side N [adc counts]
side P [adc counts]

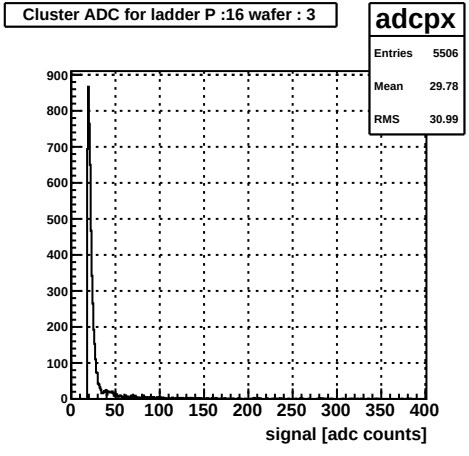

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 8824
Mean 36.07
RMS 29.07
signal [adc counts]

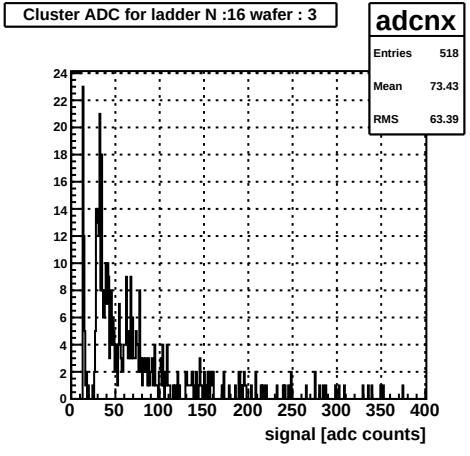

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4543
Mean 39.22
RMS 40.18
signal [adc counts]

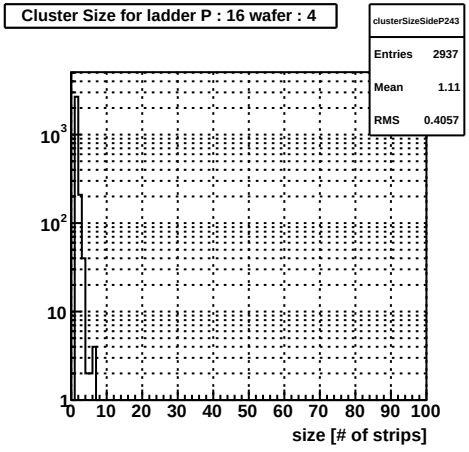

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 5506
Mean 1.094
RMS 0.3729
size [# of strips]

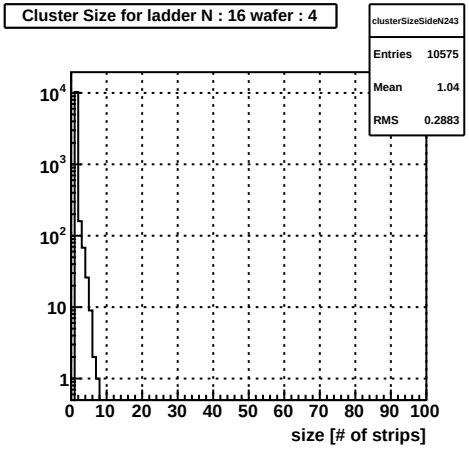

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 518
Mean 1.413
RMS 0.7928
size [# of strips]

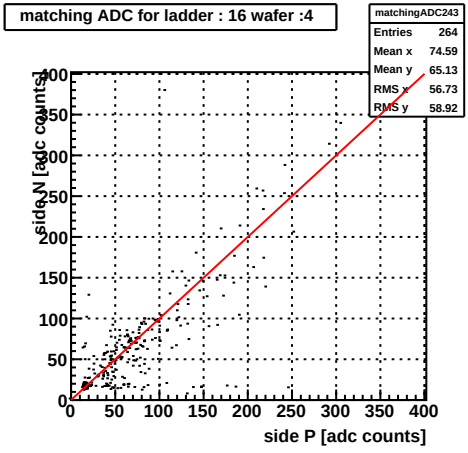

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 268
Mean x 101.5
Mean y 86.08
RMS x 73.49
RMS y 60.2
side N [adc counts]
side P [adc counts]

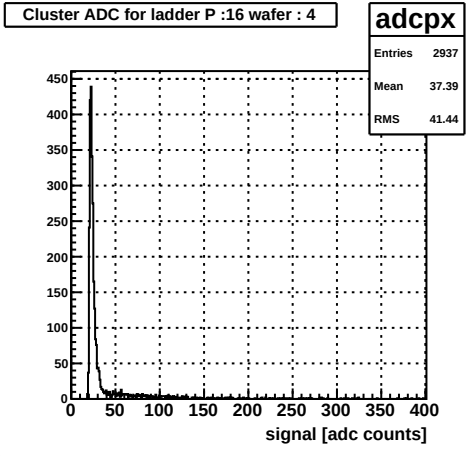

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 5506
Mean 29.78
RMS 30.99
signal [adc counts]

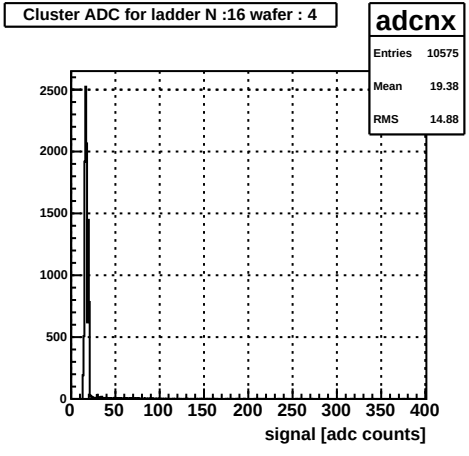

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 518
Mean 73.43
RMS 63.39
signal [adc counts]

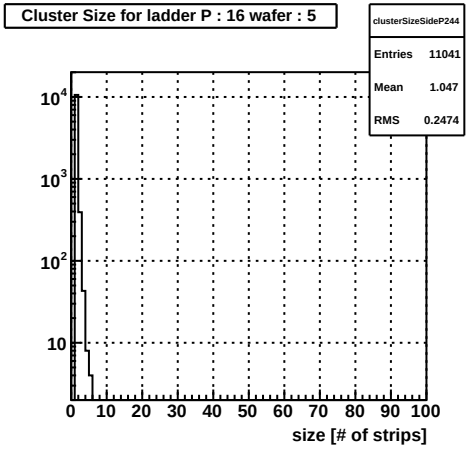

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2937
Mean 1.11
RMS 0.4057
size [# of strips]

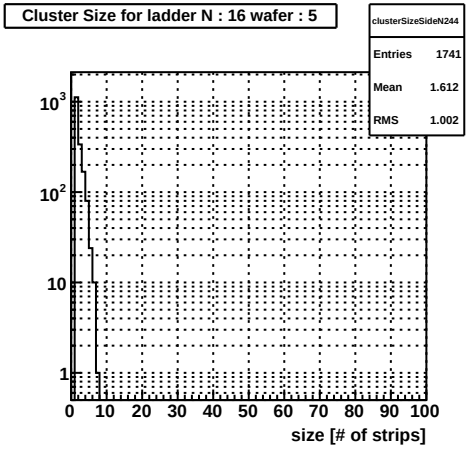

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 10575
Mean 1.04
RMS 0.2883
size [# of strips]

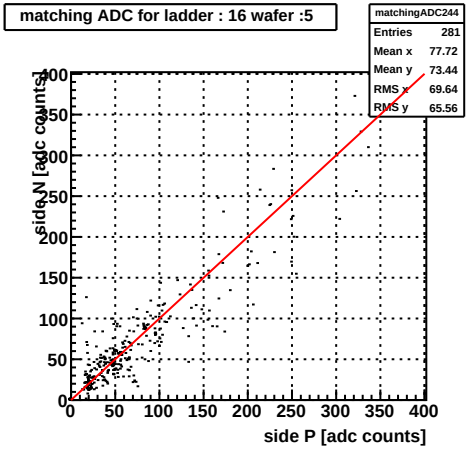

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 264
Mean x 74.59
Mean y 65.13
RMS x 56.73
RMS y 58.92
side N [adc counts]
side P [adc counts]

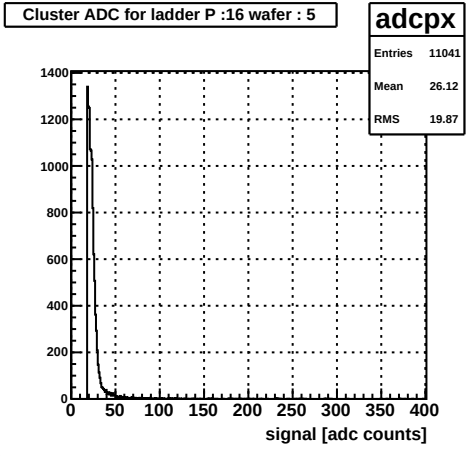

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2937
Mean 37.39
RMS 41.44
signal [adc counts]

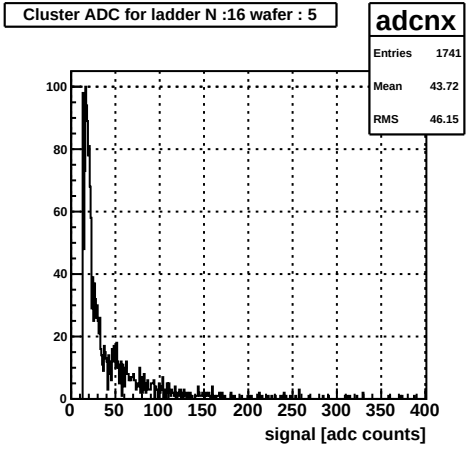

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 10575
Mean 19.38
RMS 14.88
signal [adc counts]

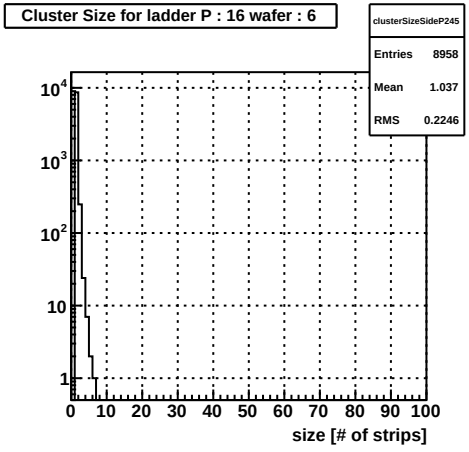

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11041
Mean 1.047
RMS 0.2474
size [# of strips]

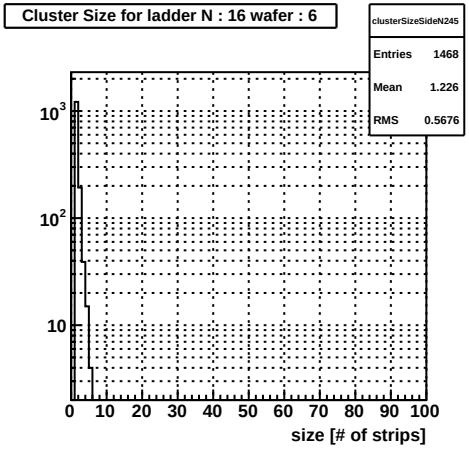

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1741
Mean 1.612
RMS 1.002
size [# of strips]

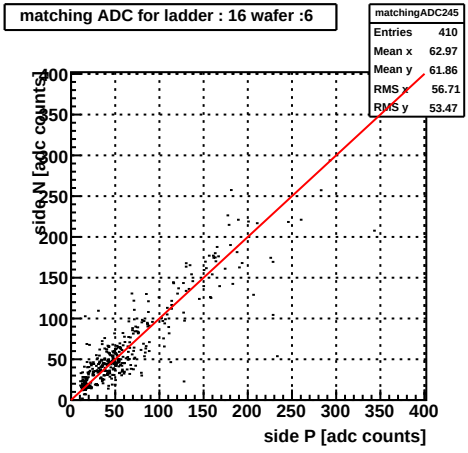

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 281
Mean x 77.72
Mean y 73.44
RMS x 69.64
RMS y 65.56
side N [adc counts]
side P [adc counts]

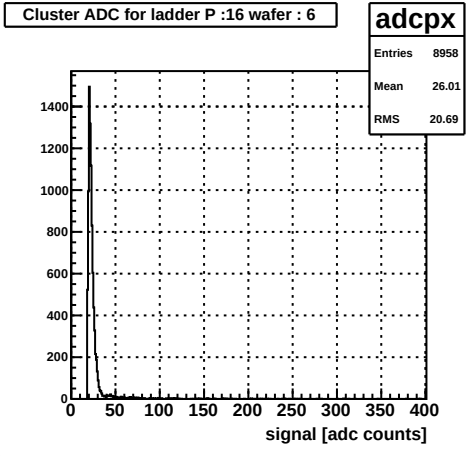

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11041
Mean 26.12
RMS 19.87
signal [adc counts]

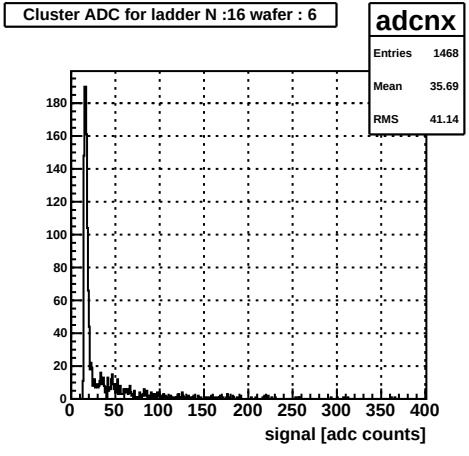

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1741
Mean 43.72
RMS 46.15
signal [adc counts]

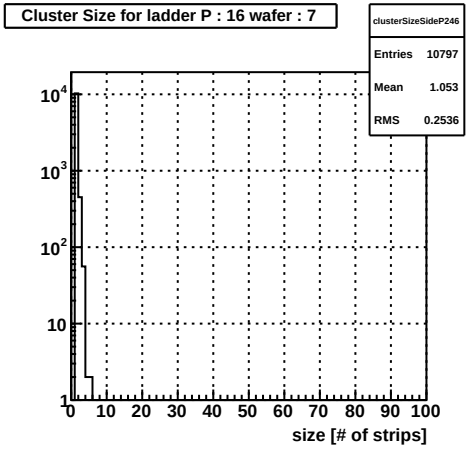

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 8958
Mean 1.037
RMS 0.2246
size [# of strips]

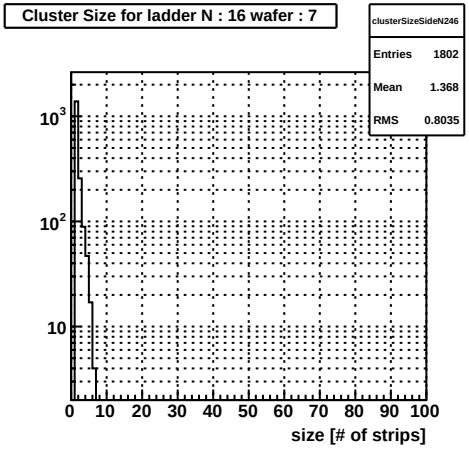

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1468
Mean 1.226
RMS 0.5676
size [# of strips]

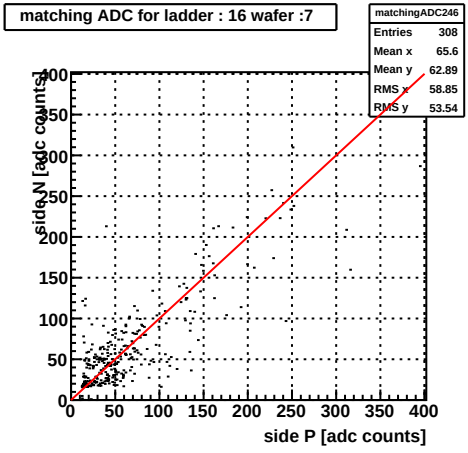

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 410
Mean x 62.97
Mean y 61.86
RMS x 56.71
RMS y 53.47
side N [adc counts]
side P [adc counts]

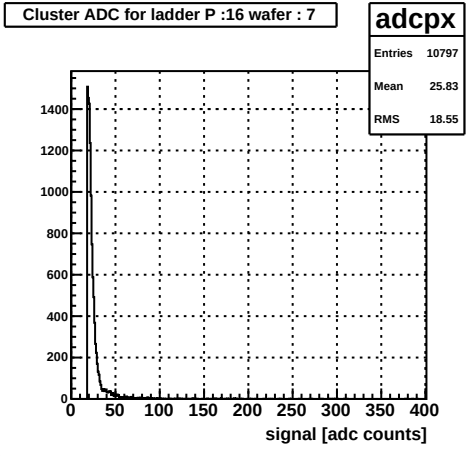

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 8958
Mean 26.01
RMS 20.69
signal [adc counts]

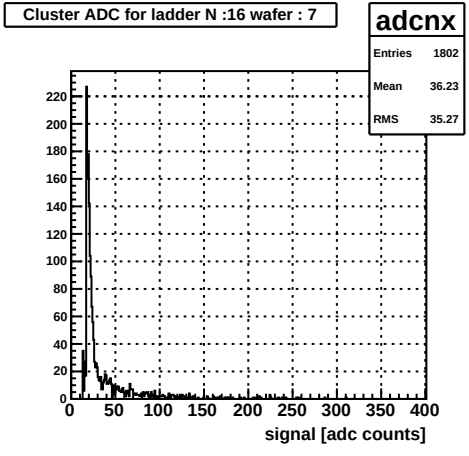

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1468
Mean 35.69
RMS 41.14
signal [adc counts]

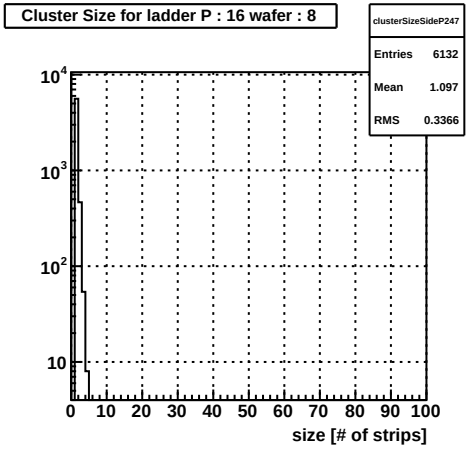

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 10797
Mean 1.053
RMS 0.2536
size [# of strips]

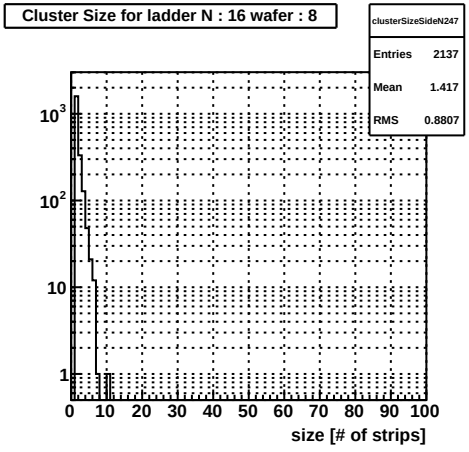

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1802
Mean 1.368
RMS 0.8035
size [# of strips]

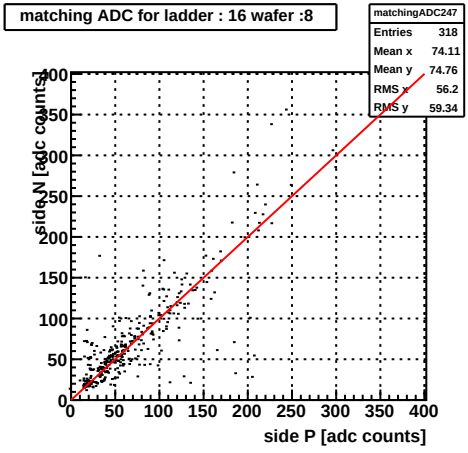

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 308
Mean x 65.6
Mean y 62.89
RMS x 58.85
RMS y 53.54
side N [adc counts]
side P [adc counts]

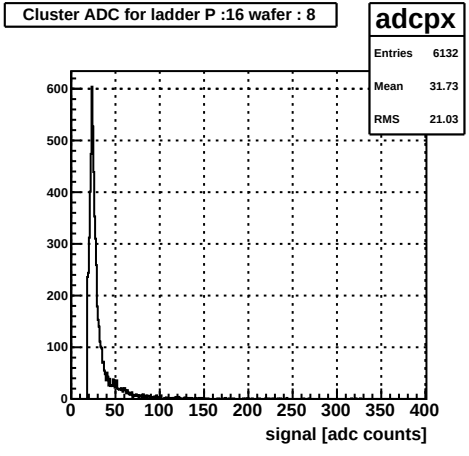

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 10797
Mean 25.83
RMS 18.55
signal [adc counts]

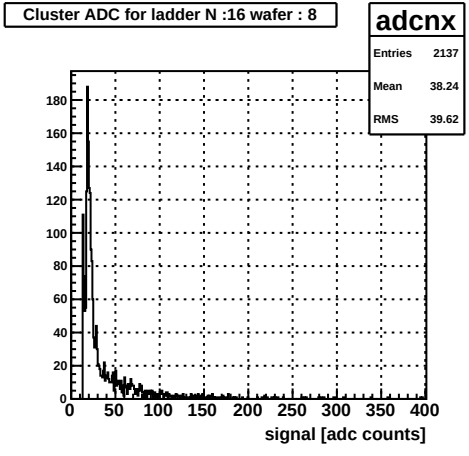

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1802
Mean 36.23
RMS 35.27
signal [adc counts]

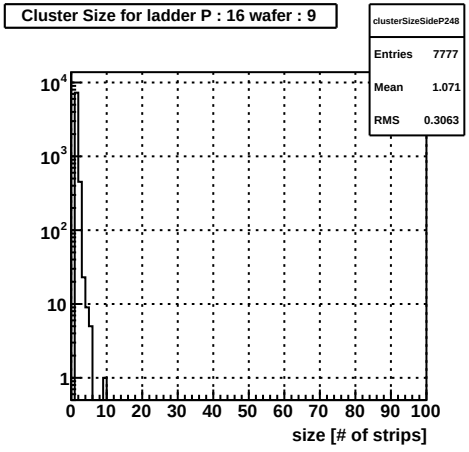

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 6132
Mean 1.097
RMS 0.3366
size [# of strips]

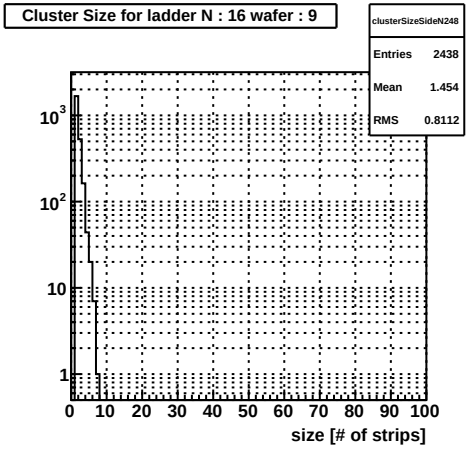

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2137
Mean 1.417
RMS 0.8807
size [# of strips]

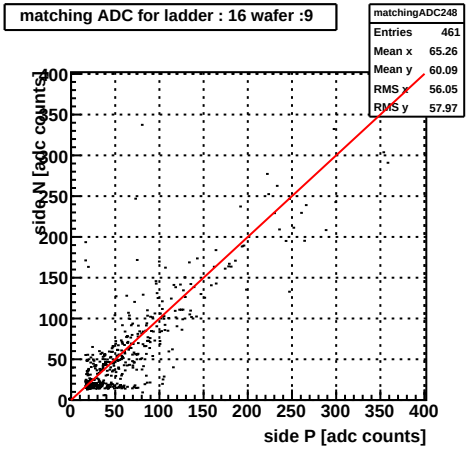

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 318
Mean x 74.11
Mean y 74.76
RMS x 56.2
RMS y 59.34
side N [adc counts]
side P [adc counts]

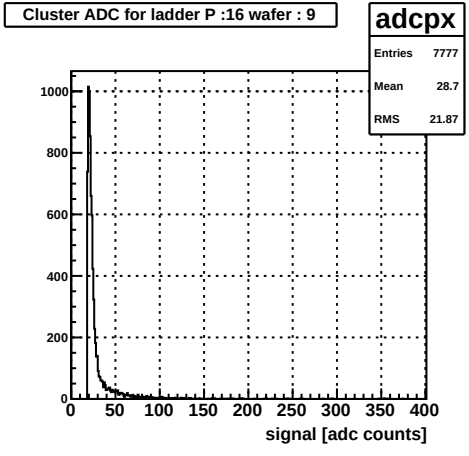

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 6132
Mean 31.73
RMS 21.03
signal [adc counts]

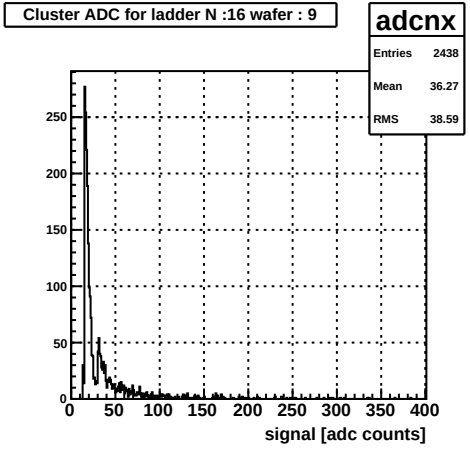

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2137
Mean 38.24
RMS 39.62
signal [adc counts]

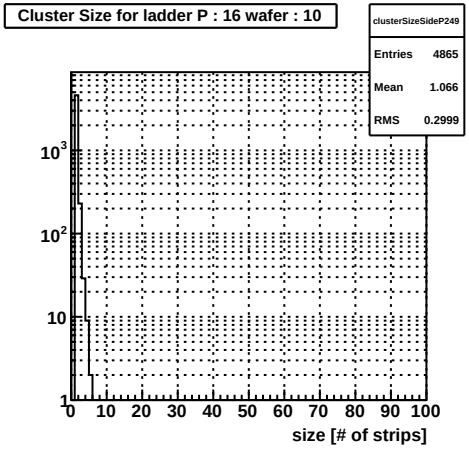

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 7777
Mean 1.071
RMS 0.3063
size [# of strips]

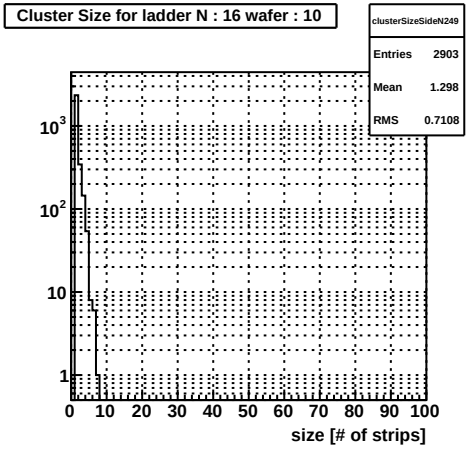

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2438
Mean 1.454
RMS 0.8112
size [# of strips]

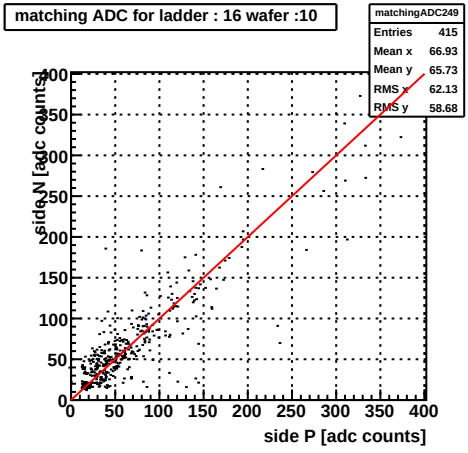

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 461
Mean x 65.26
Mean y 60.09
RMS x 56.05
RMS y 57.97
side N [adc counts]
side P [adc counts]

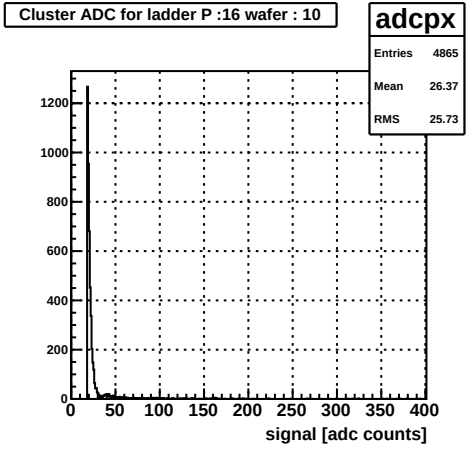

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 7777
Mean 28.7
RMS 21.87
signal [adc counts]

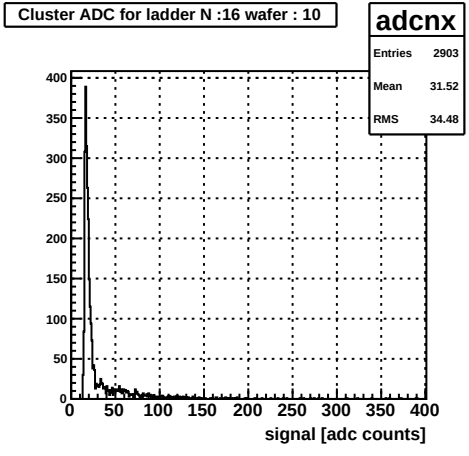

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2438
Mean 36.27
RMS 38.59
signal [adc counts]

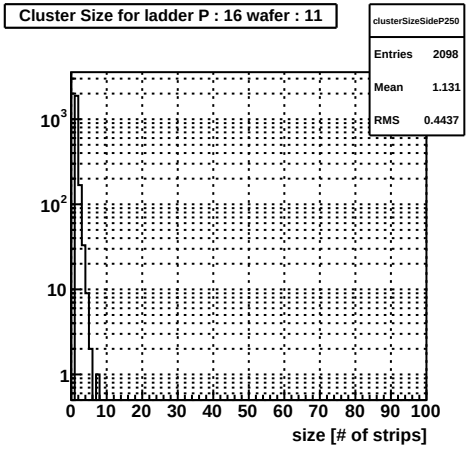

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4865
Mean 1.066
RMS 0.2999
size [# of strips]

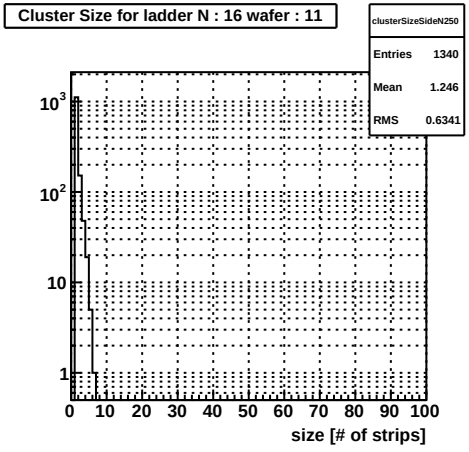

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2903
Mean 1.298
RMS 0.7108
size [# of strips]

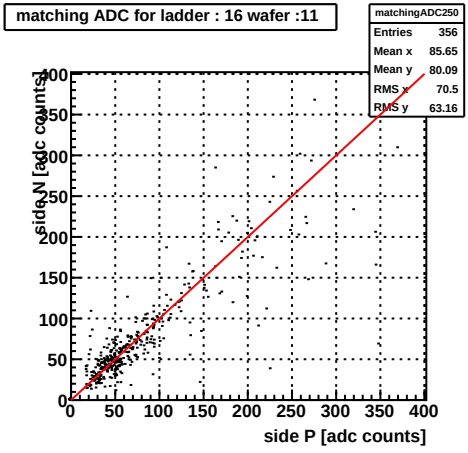

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 415
Mean x 66.93
Mean y 65.73
RMS x 62.13
RMS y 58.68
side N [adc counts]
side P [adc counts]

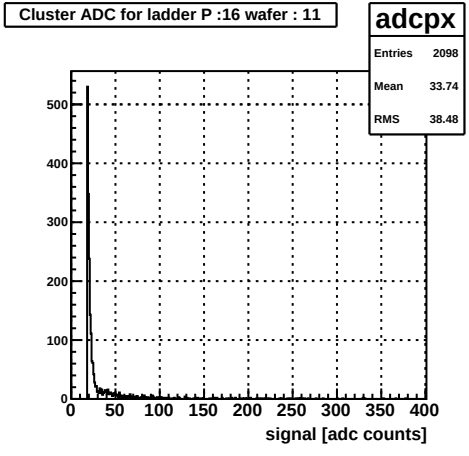

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4865
Mean 26.37
RMS 25.73
signal [adc counts]

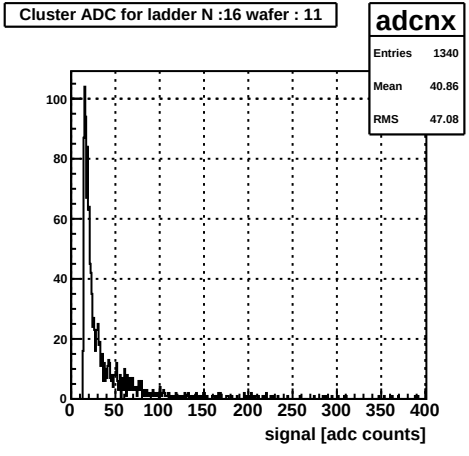

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2903
Mean 31.52
RMS 34.48
signal [adc counts]

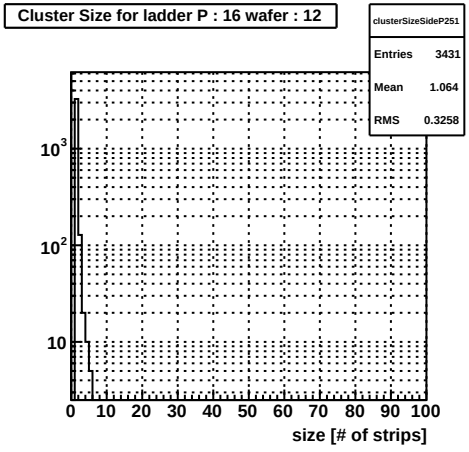

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2098
Mean 1.131
RMS 0.4437
size [# of strips]

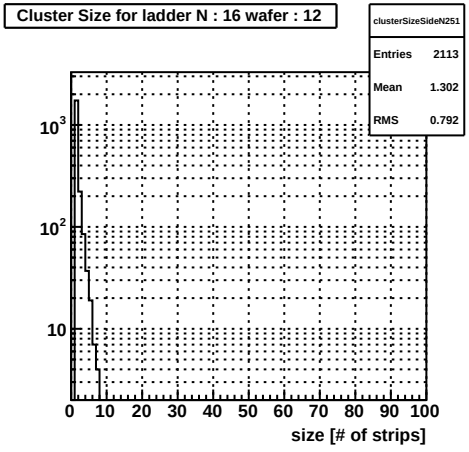

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1340
Mean 1.246
RMS 0.6341
size [# of strips]

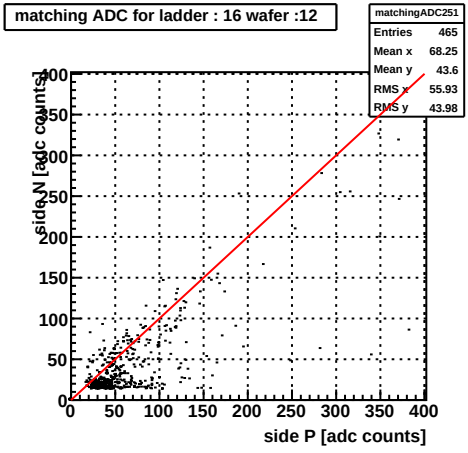

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 356
Mean x 85.65
Mean y 80.09
RMS x 70.5
RMS y 63.16
side N [adc counts]
side P [adc counts]

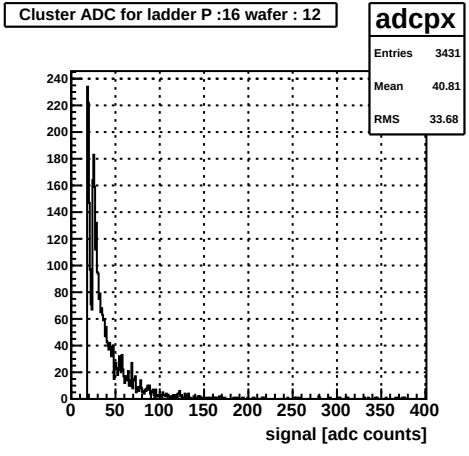

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2098
Mean 33.74
RMS 38.48
signal [adc counts]

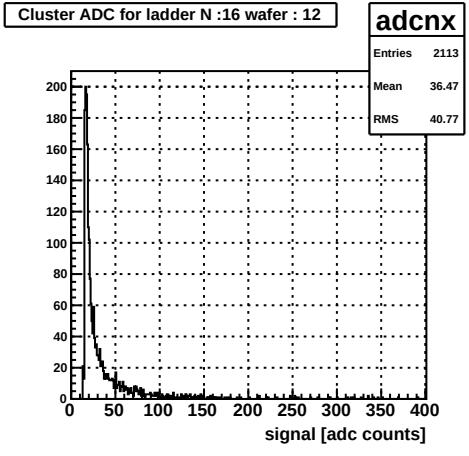

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1340
Mean 40.86
RMS 47.08
signal [adc counts]

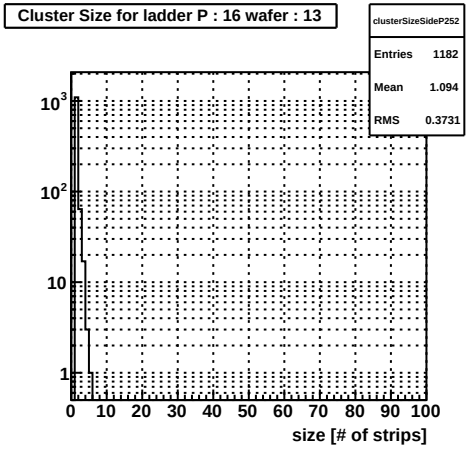

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3431
Mean 1.064
RMS 0.3258
size [# of strips]

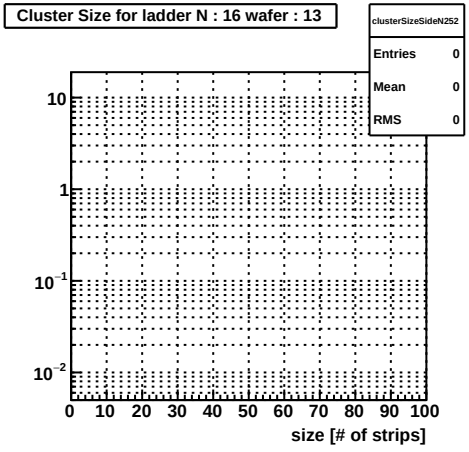

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2113
Mean 1.302
RMS 0.792
size [# of strips]

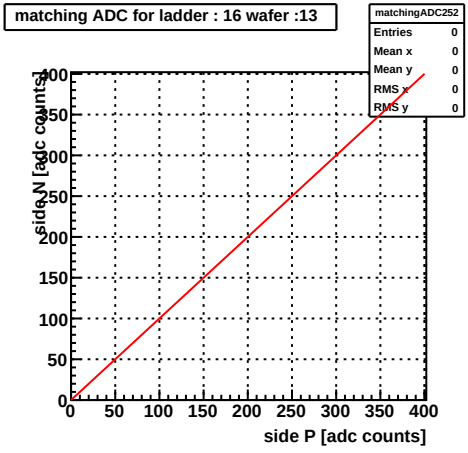

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 465
Mean x 68.25
Mean y 43.6
RMS x 55.93
RMS y 43.98
side N [adc counts]
side P [adc counts]

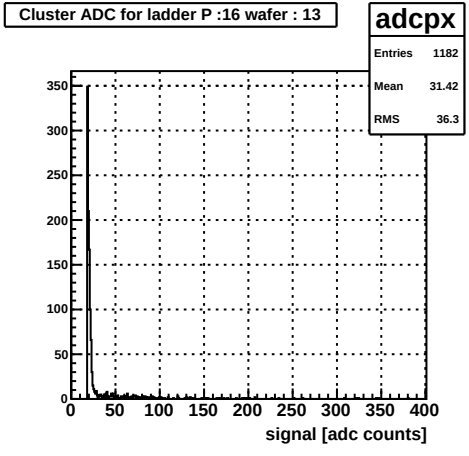

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3431
Mean 40.81
RMS 33.68
signal [adc counts]

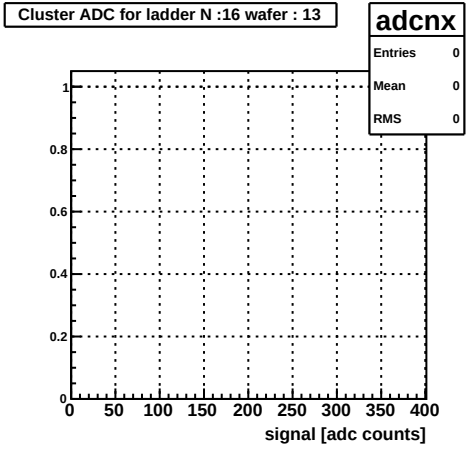

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2113
Mean 36.47
RMS 40.77
signal [adc counts]

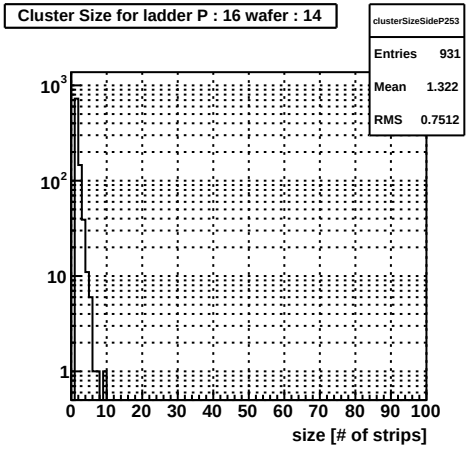

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1182
Mean 1.094
RMS 0.3731
size [# of strips]

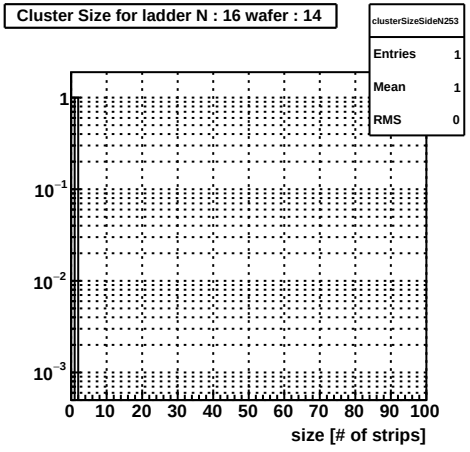

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

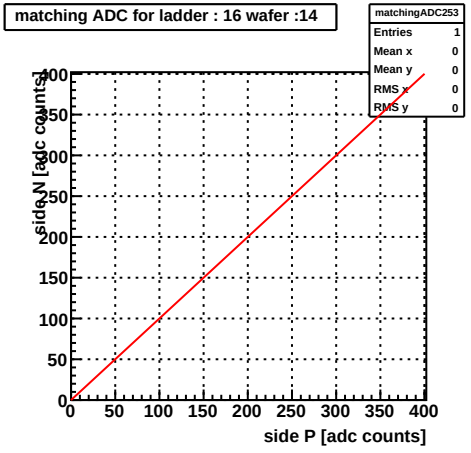

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

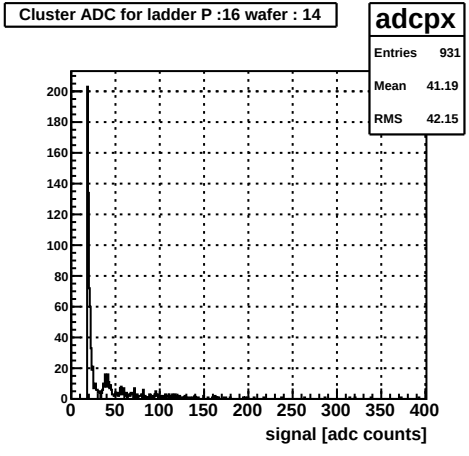

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1182
Mean 31.42
RMS 36.3
signal [adc counts]

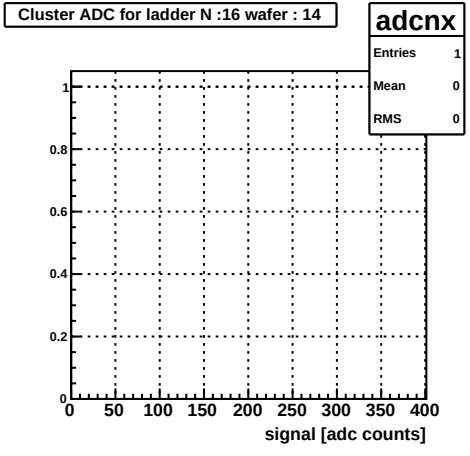

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

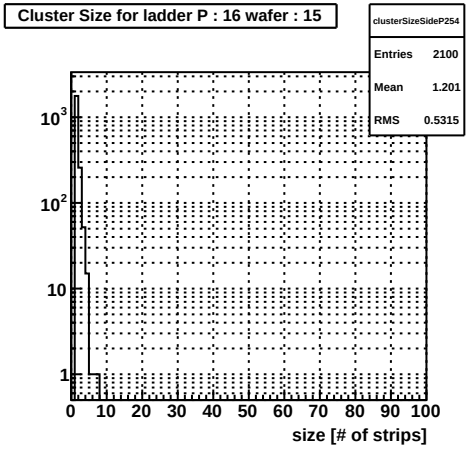

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 931
Mean 1.322
RMS 0.7512
size [# of strips]

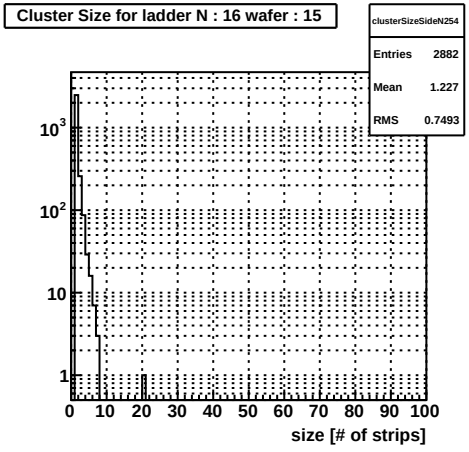

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

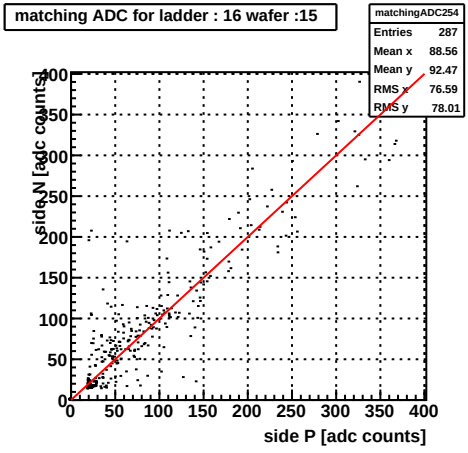

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

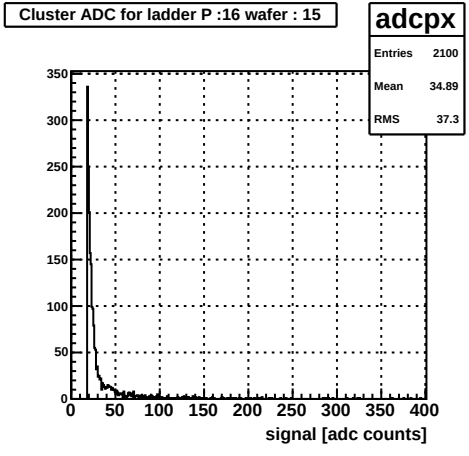

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 931
Mean 41.19
RMS 42.15
signal [adc counts]

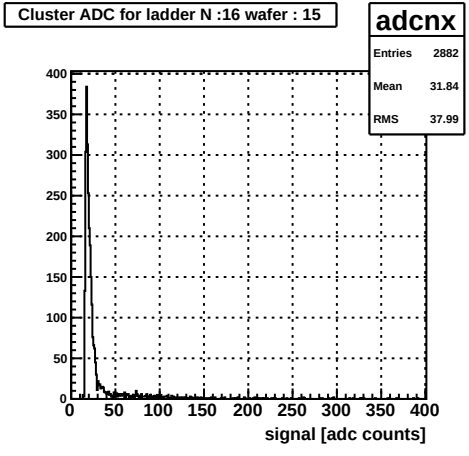

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

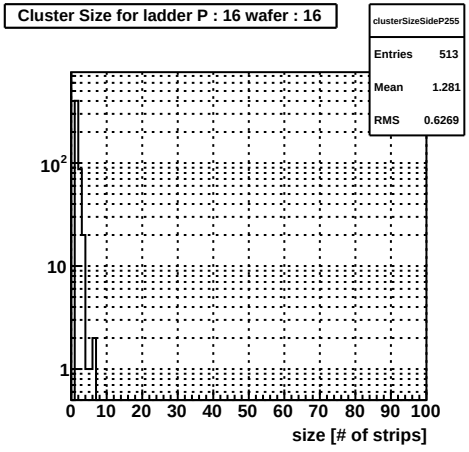

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2100
Mean 1.201
RMS 0.5315
size [# of strips]

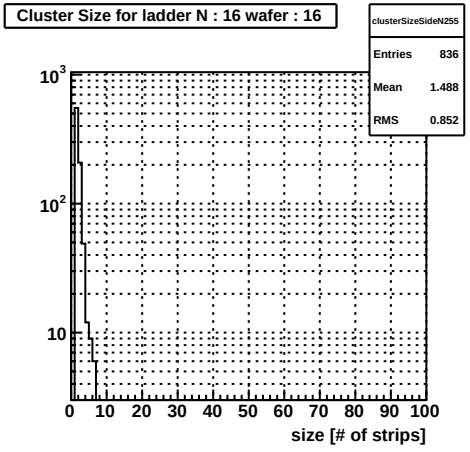

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2882
Mean 1.227
RMS 0.7493
size [# of strips]

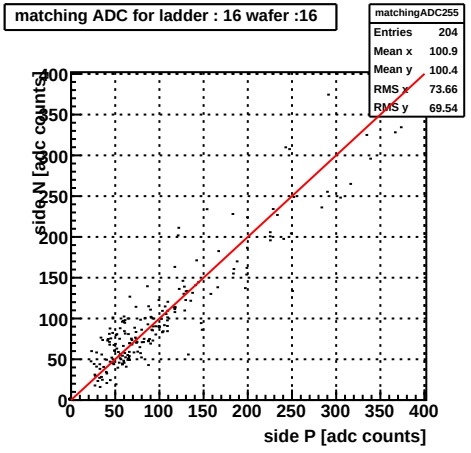

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 287
Mean x 88.56
Mean y 92.47
RMS x 76.59
RMS y 78.01
side N [adc counts]
side P [adc counts]

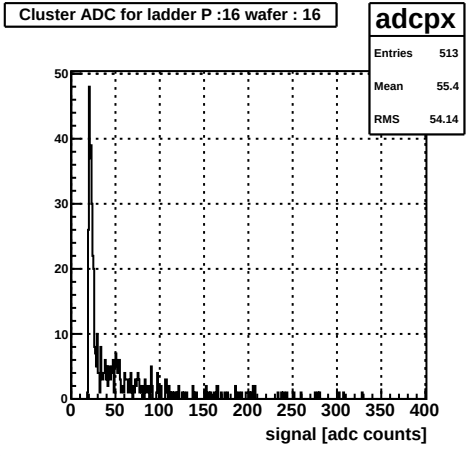

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2100
Mean 34.89
RMS 37.3
signal [adc counts]

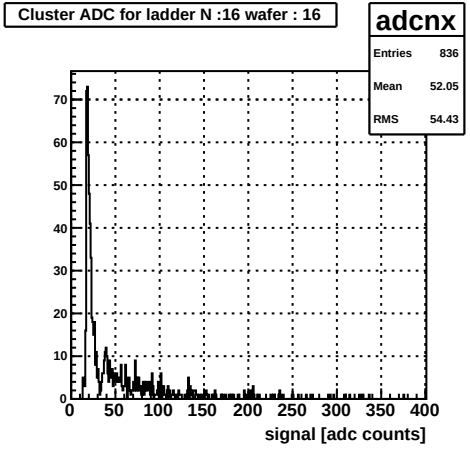

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2882
Mean 31.84
RMS 37.99
signal [adc counts]

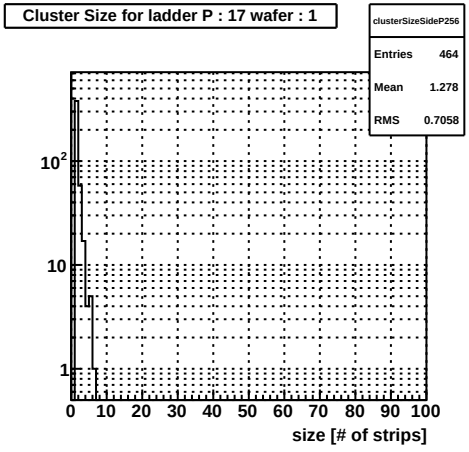

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 513
Mean 1.281
RMS 0.6269
size [# of strips]

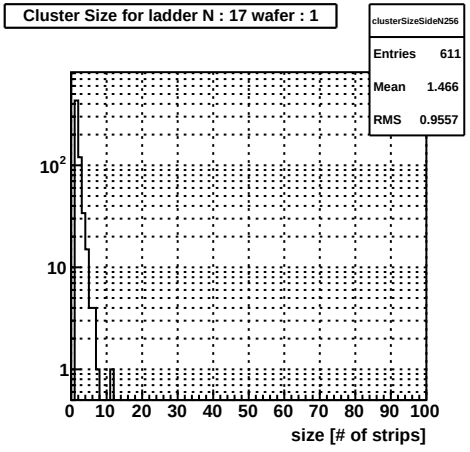

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 836
Mean 1.488
RMS 0.852
size [# of strips]

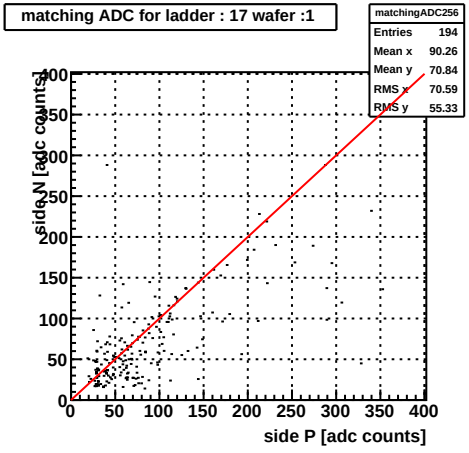

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 204
Mean x 100.9
Mean y 100.4
RMS x 73.66
RMS y 69.54
side N [adc counts]
side P [adc counts]

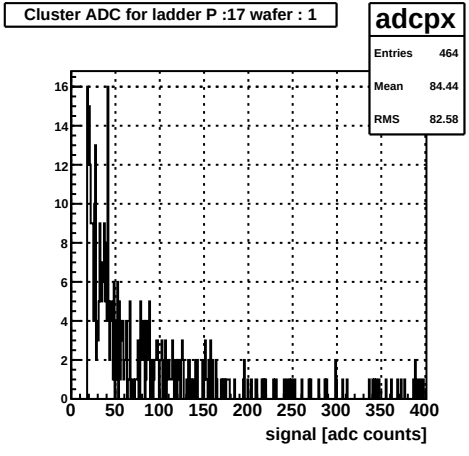

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 513
Mean 55.4
RMS 54.14
signal [adc counts]

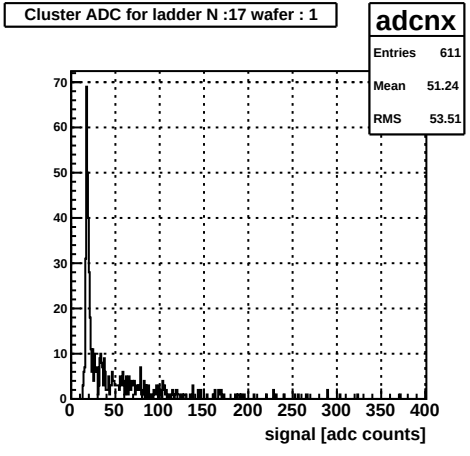

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 836
Mean 52.05
RMS 54.43
signal [adc counts]

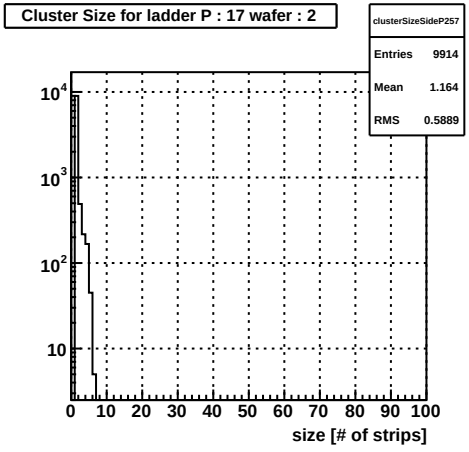

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 464
Mean 1.278
RMS 0.7058
size [# of strips]

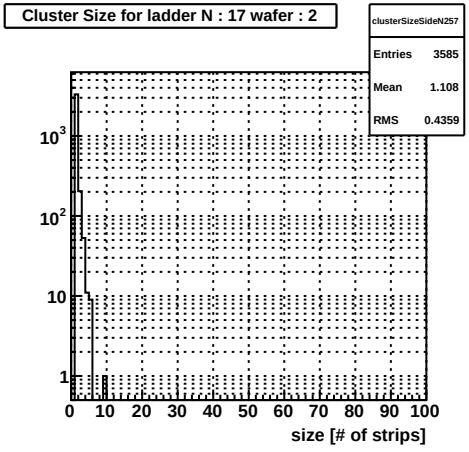

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 611
Mean 1.466
RMS 0.9557
size [# of strips]

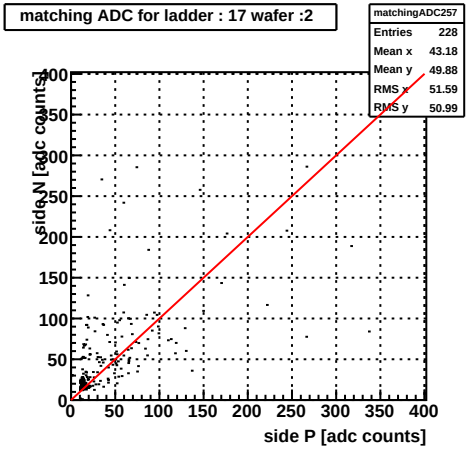

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 194
Mean x 90.26
Mean y 70.84
RMS x 70.59
RMS y 55.33
side N [adc counts]
side P [adc counts]

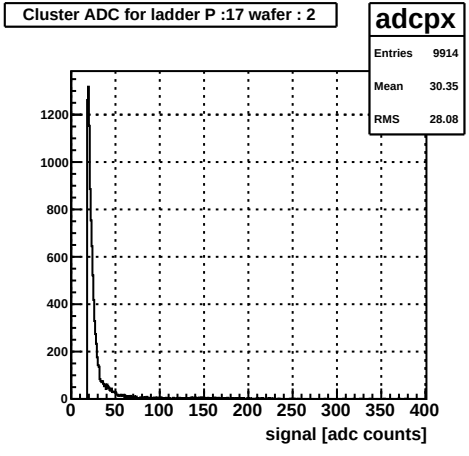

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 464
Mean 84.44
RMS 82.58
signal [adc counts]

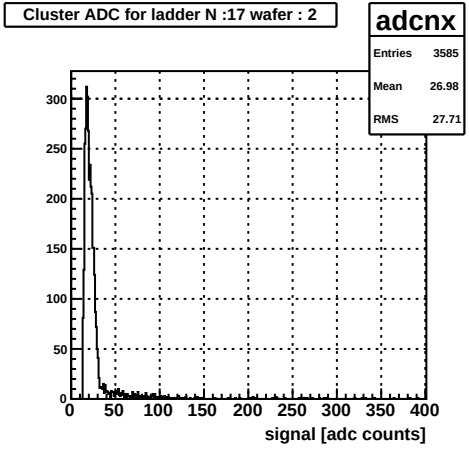

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 611
Mean 51.24
RMS 53.51
signal [adc counts]

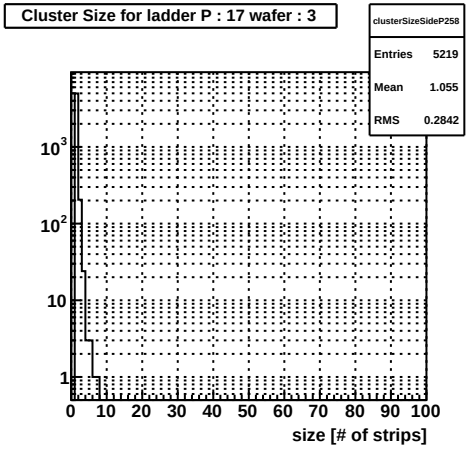

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9914
Mean 1.164
RMS 0.5889
size [# of strips]

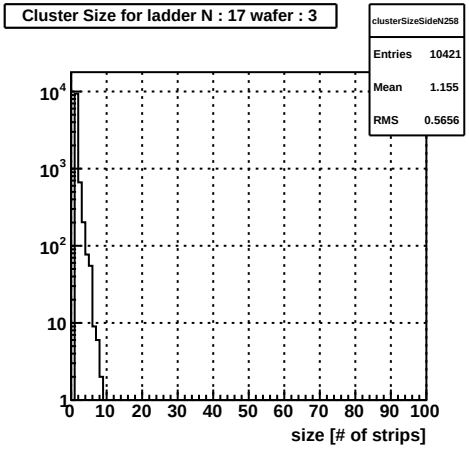

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3585
Mean 1.108
RMS 0.4359
size [# of strips]

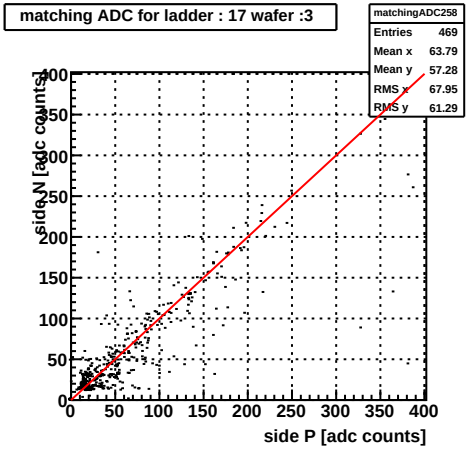

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 228
Mean x 43.18
Mean y 49.88
RMS x 51.59
RMS y 50.99
side N [adc counts]
side P [adc counts]

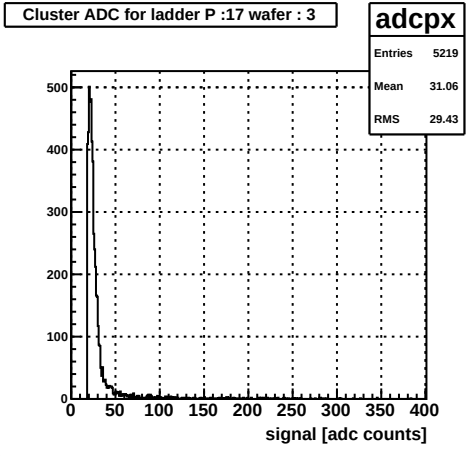

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9914
Mean 30.35
RMS 28.08
signal [adc counts]

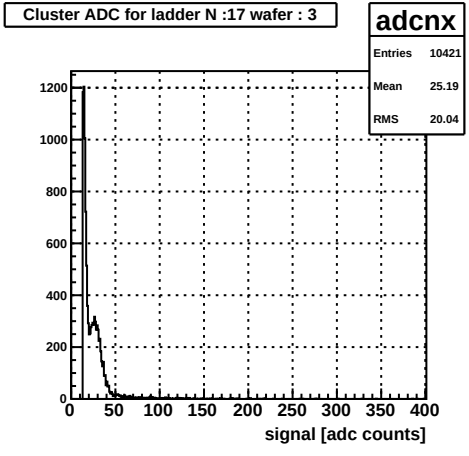

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3585
Mean 26.98
RMS 27.71
signal [adc counts]

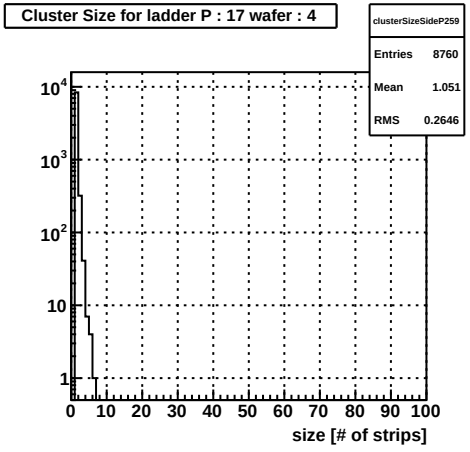

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5219
Mean 1.055
RMS 0.2842
size [# of strips]

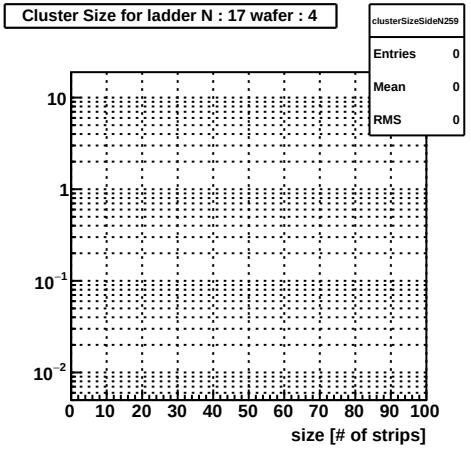

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10421
Mean 1.155
RMS 0.5656
size [# of strips]

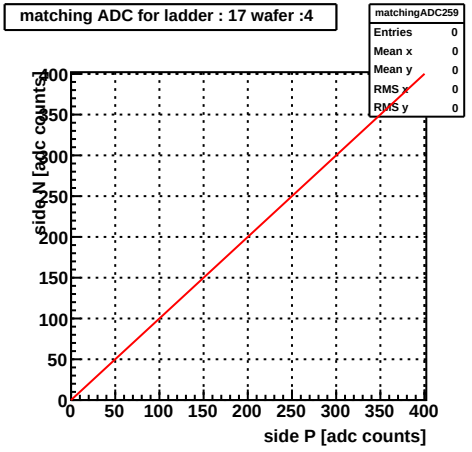

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 469
Mean x 63.79
Mean y 57.28
RMS x 67.95
RMS y 61.29
side N [adc counts]
side P [adc counts]

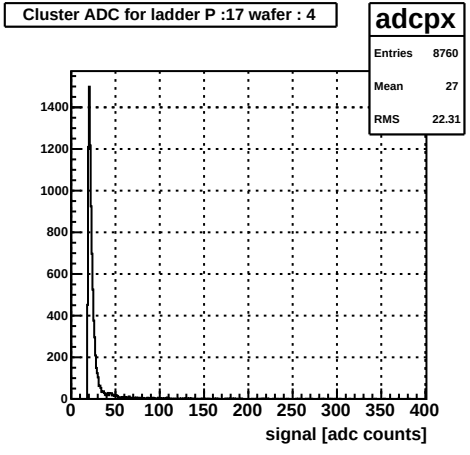

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5219
Mean 31.06
RMS 29.43
signal [adc counts]

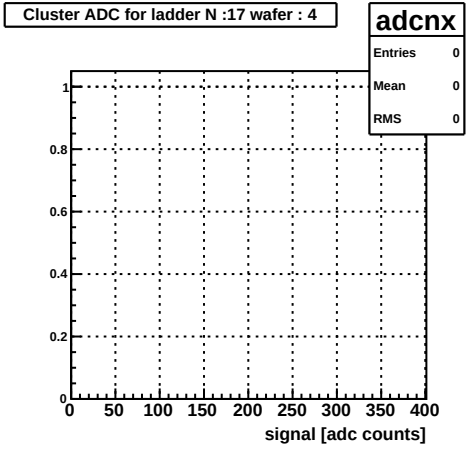

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10421
Mean 25.19
RMS 20.04
signal [adc counts]

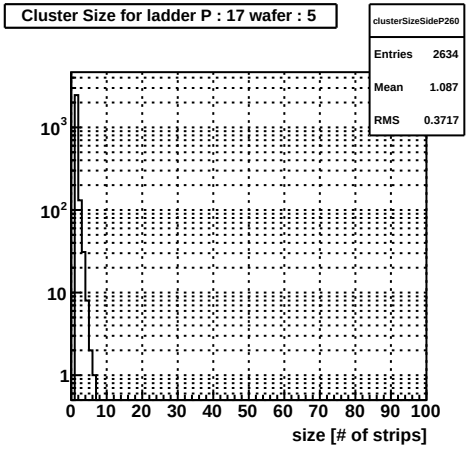

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8760
Mean 1.051
RMS 0.2646
size [# of strips]

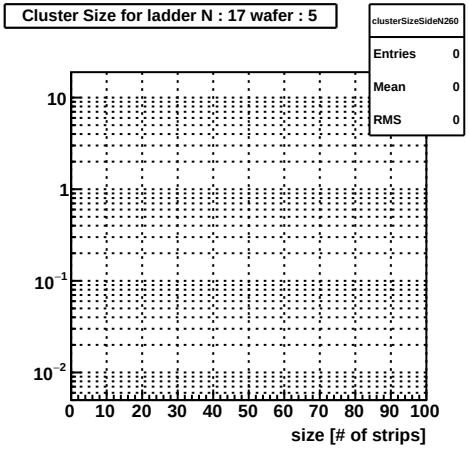

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

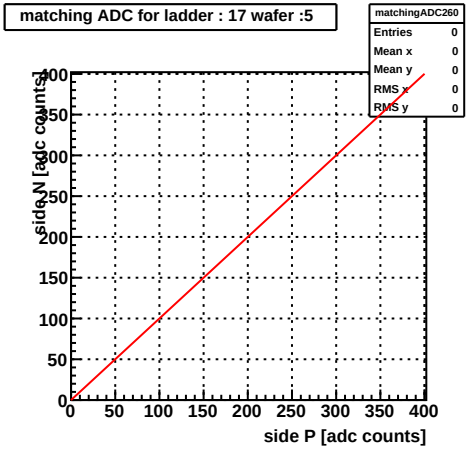

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

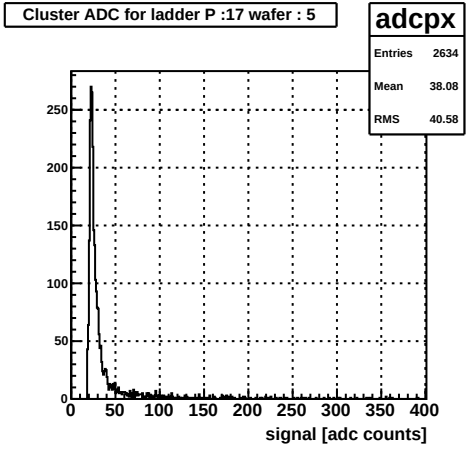

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8760
Mean 27
RMS 22.31
signal [adc counts]

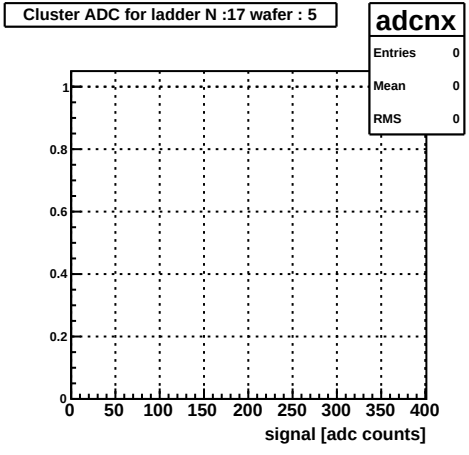

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

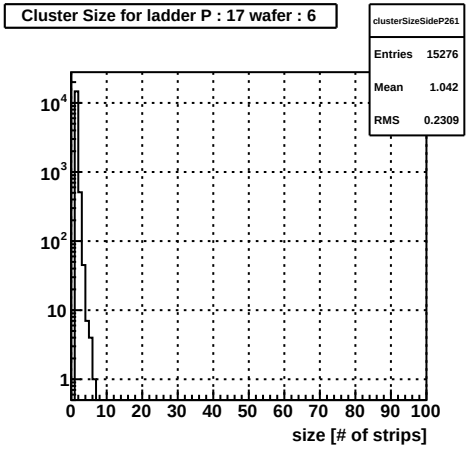

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2634
Mean 1.087
RMS 0.3717
size [# of strips]

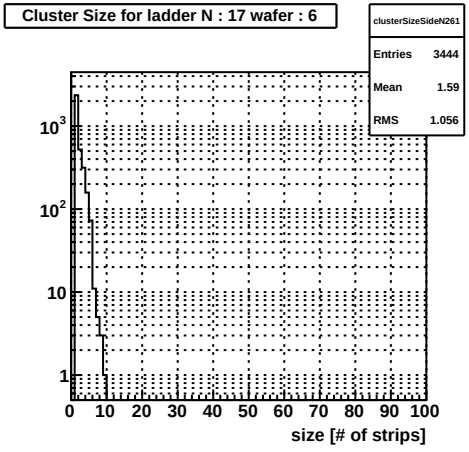

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

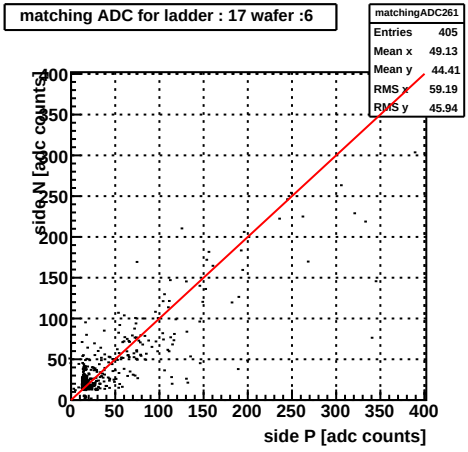

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

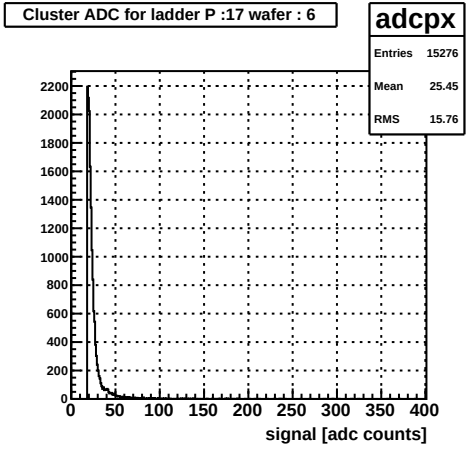

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2634
Mean 38.08
RMS 40.58
signal [adc counts]

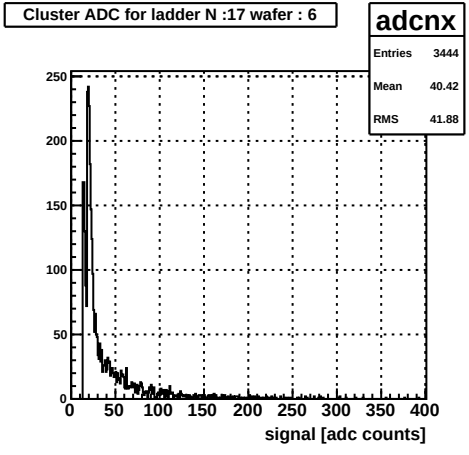

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

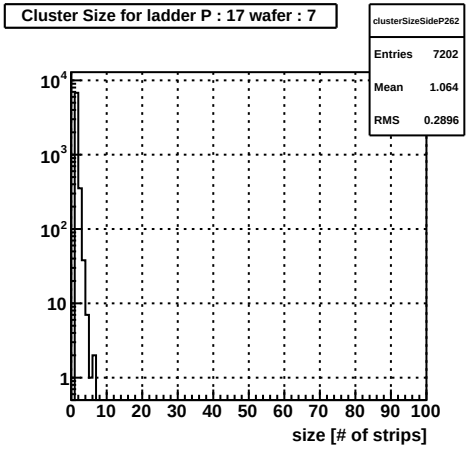

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15276
Mean 1.042
RMS 0.2309
size [# of strips]

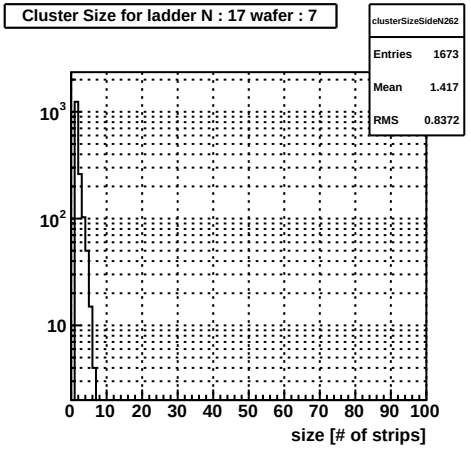

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3444
Mean 1.59
RMS 1.056
size [# of strips]

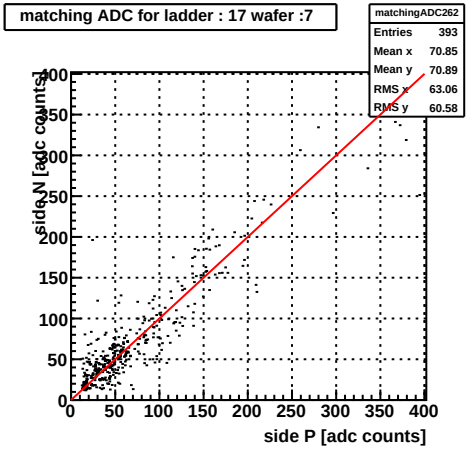

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 405
Mean x 49.13
Mean y 44.41
RMS x 59.19
RMS y 45.94
side N [adc counts]
side P [adc counts]

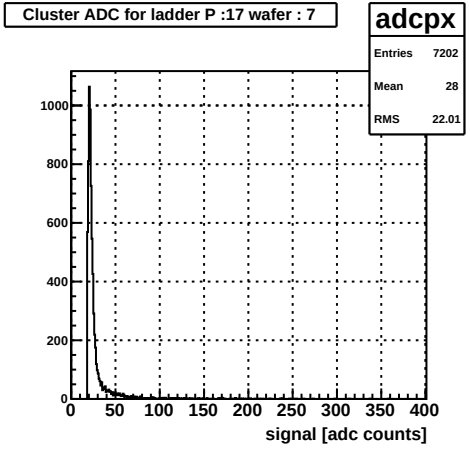

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15276
Mean 25.45
RMS 15.76
signal [adc counts]

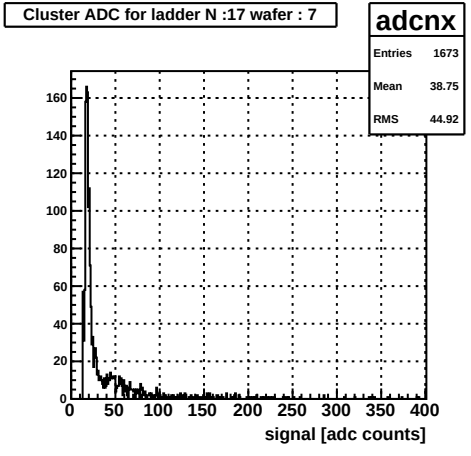

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3444
Mean 40.42
RMS 41.88
signal [adc counts]

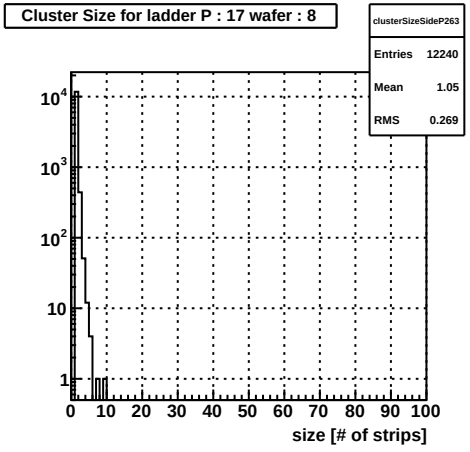

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 7202
Mean 1.064
RMS 0.2896
size [# of strips]

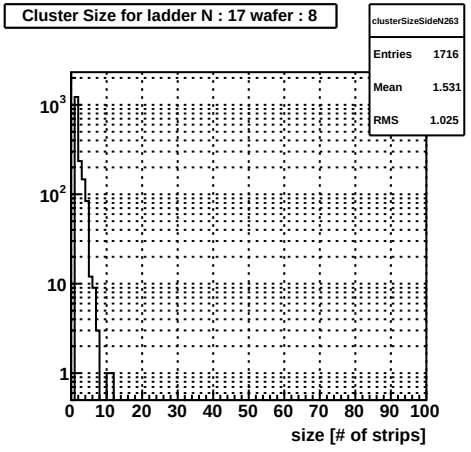

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1673
Mean 1.417
RMS 0.8372
size [# of strips]

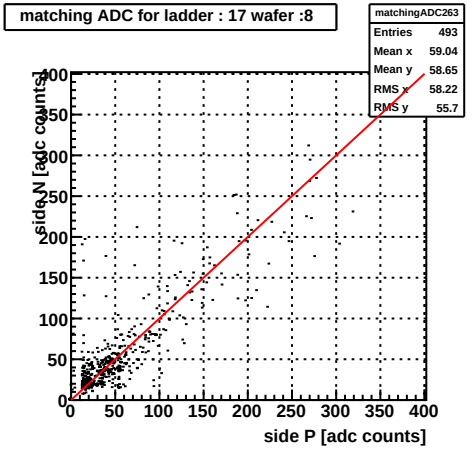

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 393
Mean x 70.85
Mean y 70.89
RMS x 63.06
RMS y 60.58
side N [adc counts]
side P [adc counts]

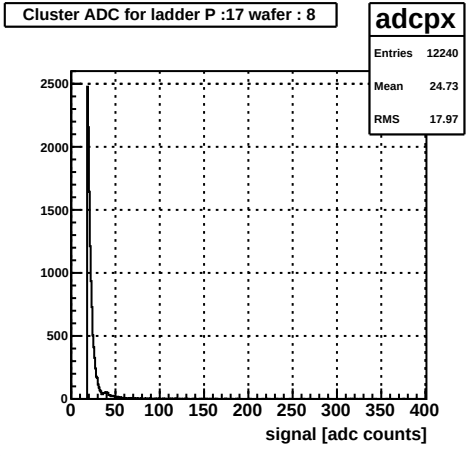

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 7202
Mean 28
RMS 22.01
signal [adc counts]

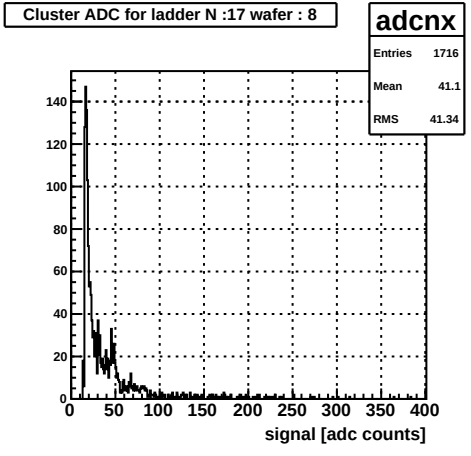

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1673
Mean 38.75
RMS 44.92
signal [adc counts]

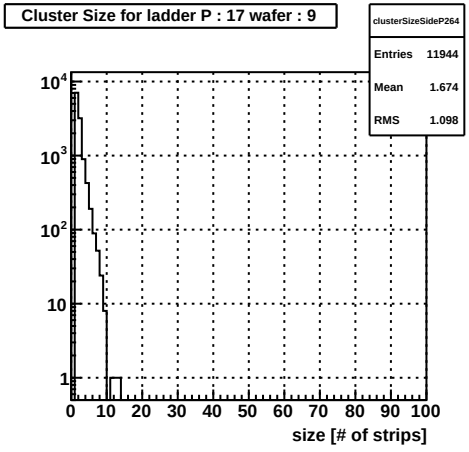

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 12240
Mean 1.05
RMS 0.269
size [# of strips]

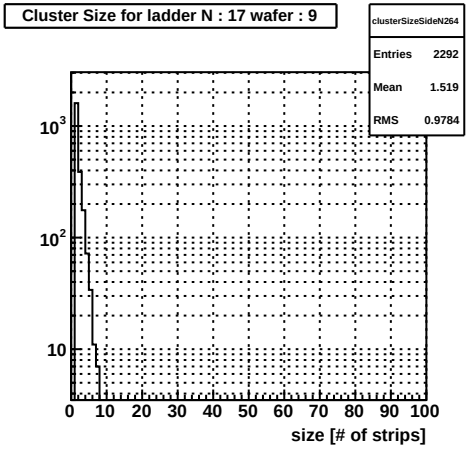

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1716
Mean 1.531
RMS 1.025
size [# of strips]

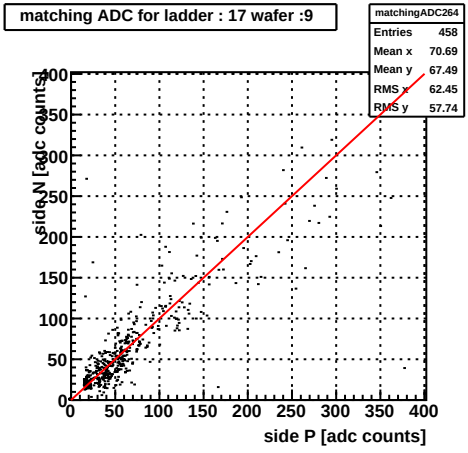

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 493
Mean x 59.04
Mean y 58.65
RMS x 58.22
RMS y 55.7
side N [adc counts]
side P [adc counts]

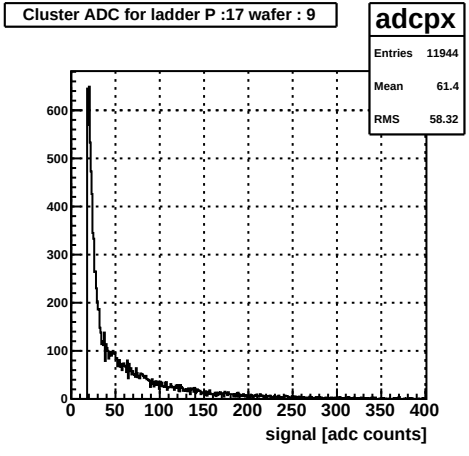

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 12240
Mean 24.73
RMS 17.97
signal [adc counts]

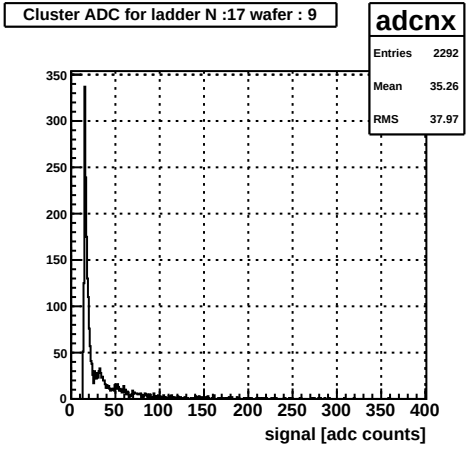

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1716
Mean 41.1
RMS 41.34
signal [adc counts]

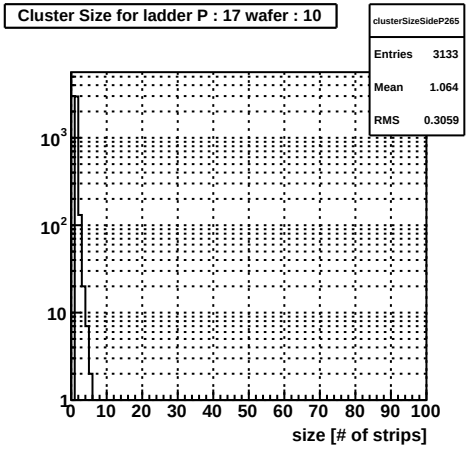

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 11944
Mean 1.674
RMS 1.098
size [# of strips]

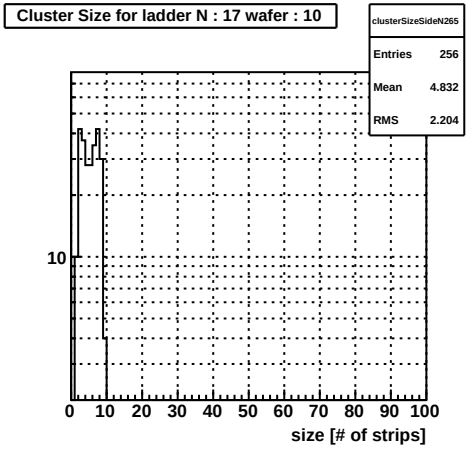

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2292
Mean 1.519
RMS 0.9784
size [# of strips]

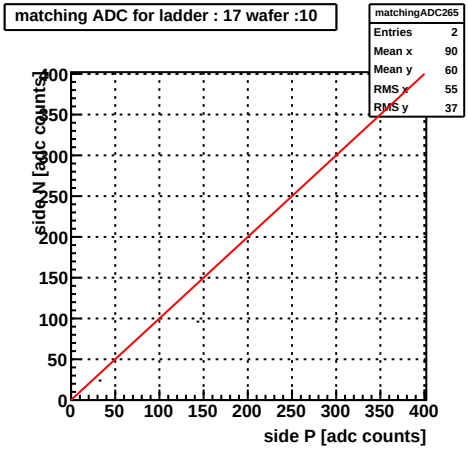

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 458
Mean x 70.69
Mean y 67.49
RMS x 62.45
RMS y 57.74
side N [adc counts]
side P [adc counts]

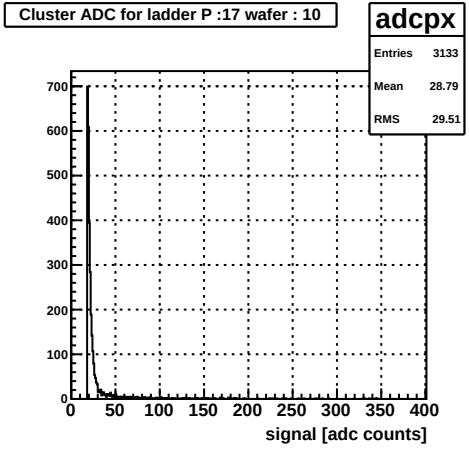

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 11944
Mean 61.4
RMS 58.32
signal [adc counts]

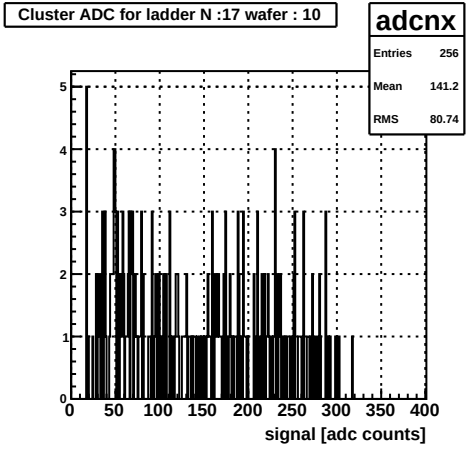

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2292
Mean 35.26
RMS 37.97
signal [adc counts]

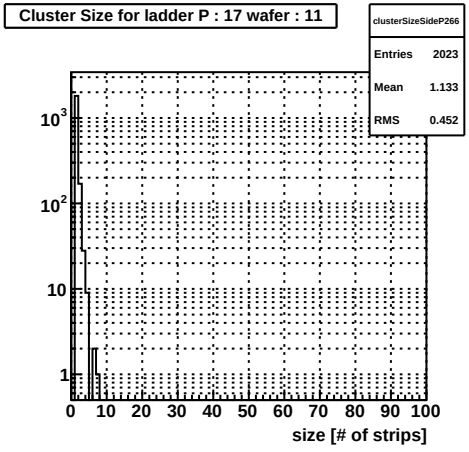

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3133
Mean 1.064
RMS 0.3059
size [# of strips]

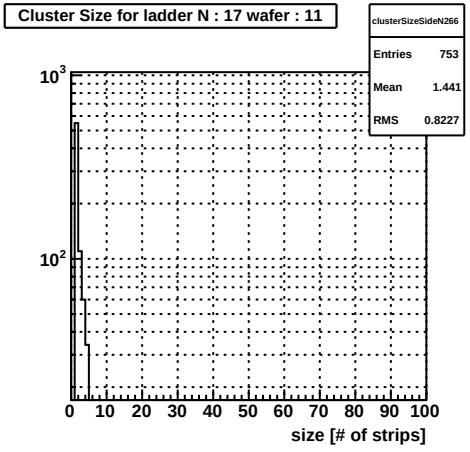

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 256
Mean 4.832
RMS 2.204
size [# of strips]

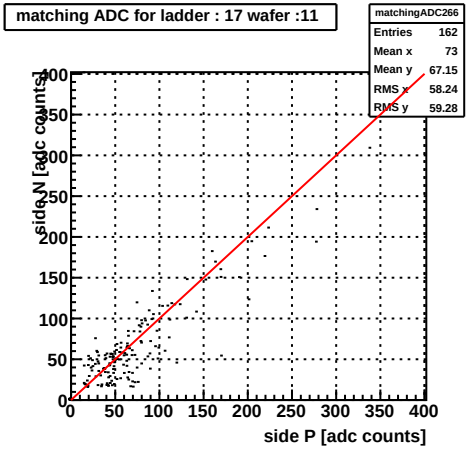

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 90
Mean y 60
RMS x 55
RMS y 37
side N [adc counts]
side P [adc counts]

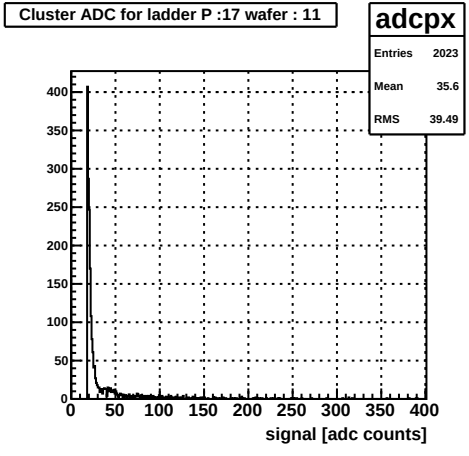

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3133
Mean 28.79
RMS 29.51
signal [adc counts]

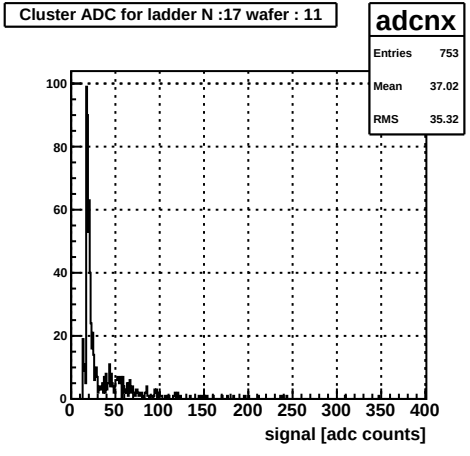

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 256
Mean 141.2
RMS 80.74
signal [adc counts]

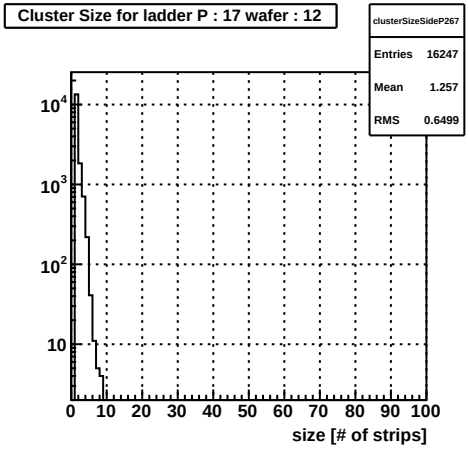

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2023
Mean 1.133
RMS 0.452
size [# of strips]

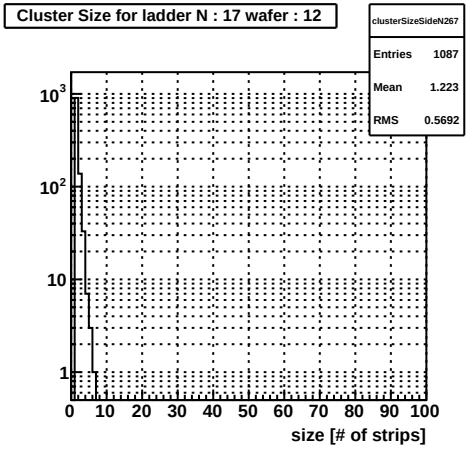

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 753
Mean 1.441
RMS 0.8227
size [# of strips]

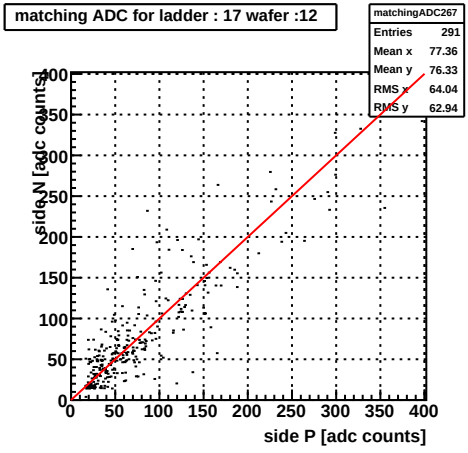

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 162
Mean x 73
Mean y 67.15
RMS x 58.24
RMS y 59.28
side N [adc counts]
side P [adc counts]

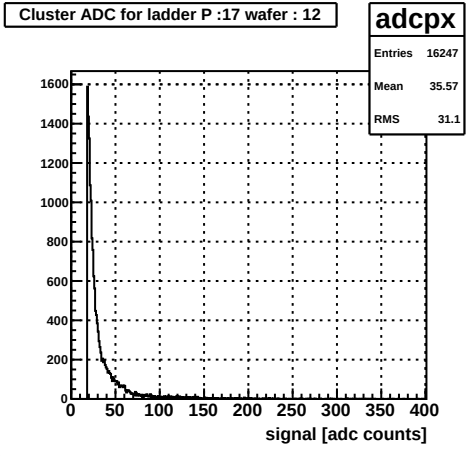

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2023
Mean 35.6
RMS 39.49
signal [adc counts]

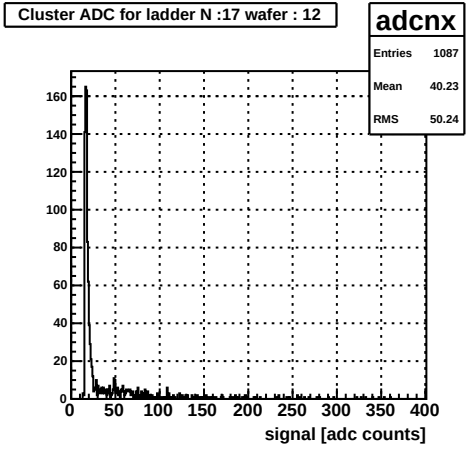

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 753
Mean 37.02
RMS 35.32
signal [adc counts]

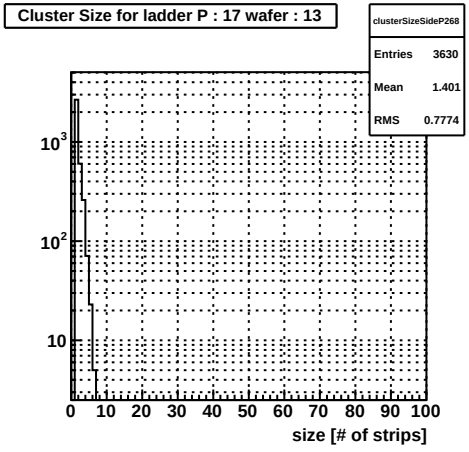

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 16247
Mean 1.257
RMS 0.6499
size [# of strips]

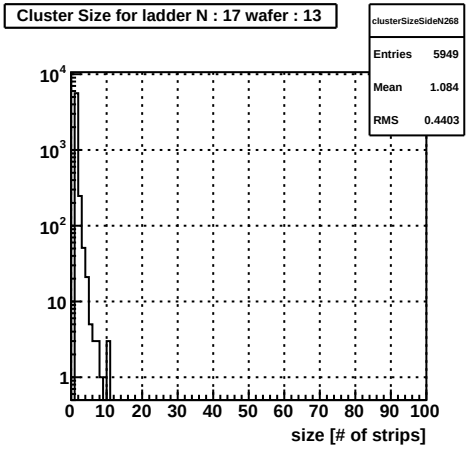

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1087
Mean 1.223
RMS 0.5692
size [# of strips]

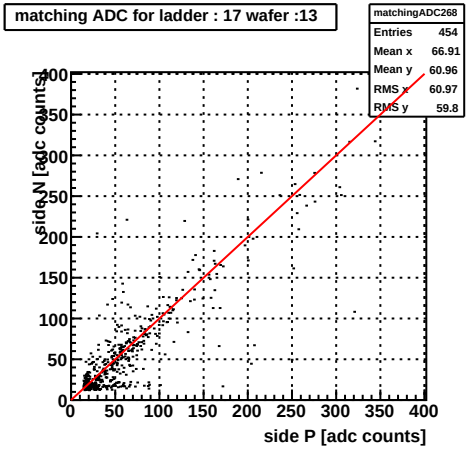

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 291
Mean x 77.36
Mean y 76.33
RMS x 64.04
RMS y 62.94
side N [adc counts]
side P [adc counts]

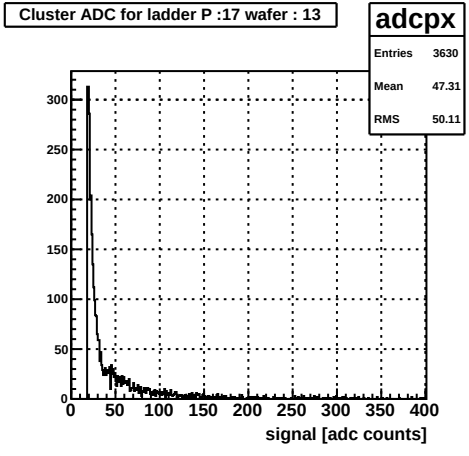

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 16247
Mean 35.57
RMS 31.1
signal [adc counts]

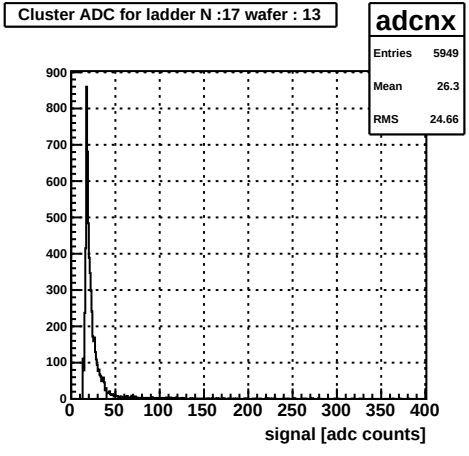

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1087
Mean 40.23
RMS 50.24
signal [adc counts]

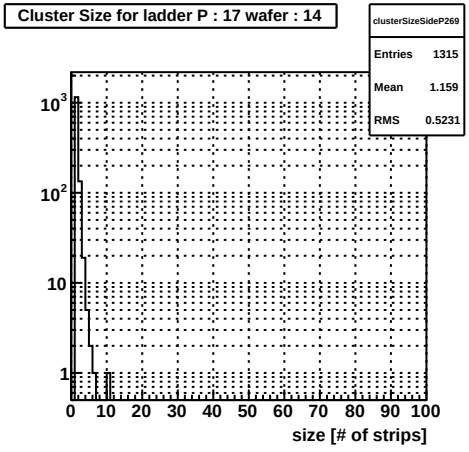

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3630
Mean 1.401
RMS 0.7774
size [# of strips]

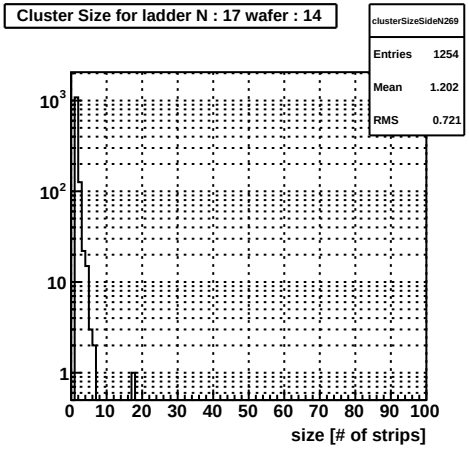

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 5949
Mean 1.084
RMS 0.4403
size [# of strips]

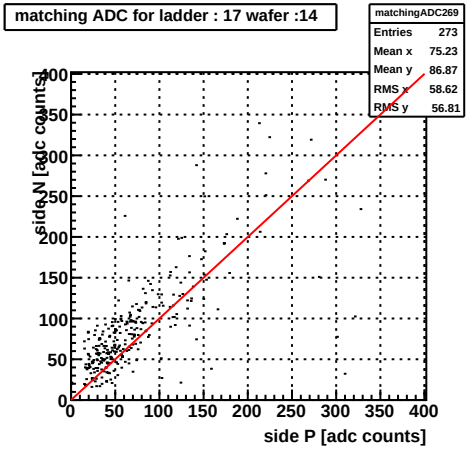

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 454
Mean x 66.91
Mean y 60.96
RMS x 60.97
RMS y 59.8
side N [adc counts]
side P [adc counts]

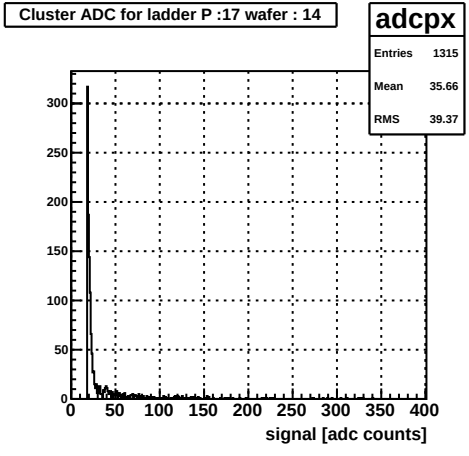

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3630
Mean 47.31
RMS 50.11
signal [adc counts]

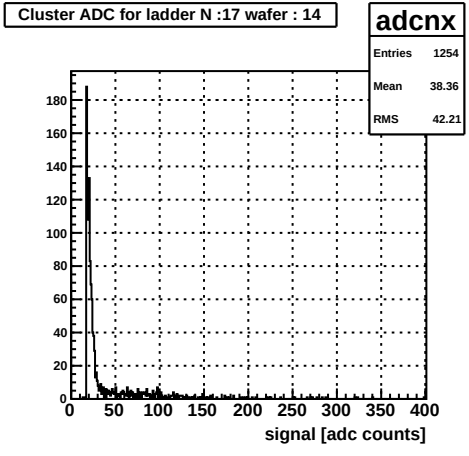

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 5949
Mean 26.3
RMS 24.66
signal [adc counts]

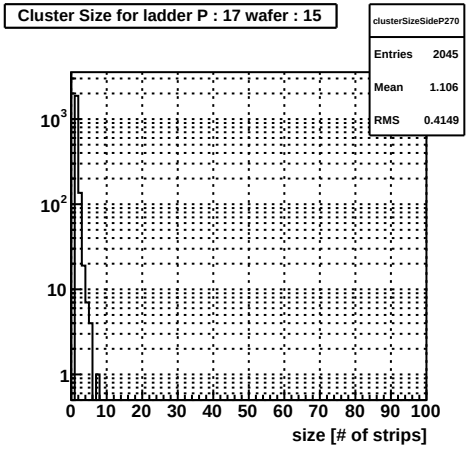

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1315
Mean 1.159
RMS 0.5231
size [# of strips]

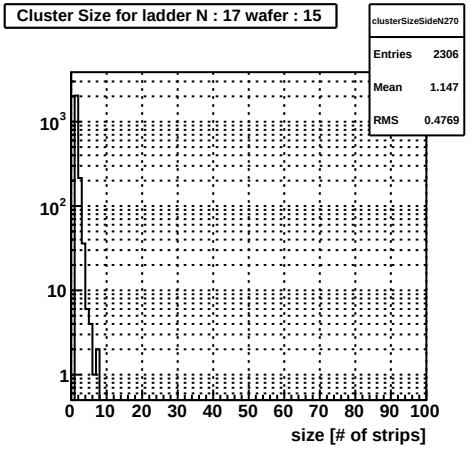

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1254
Mean 1.202
RMS 0.721
size [# of strips]

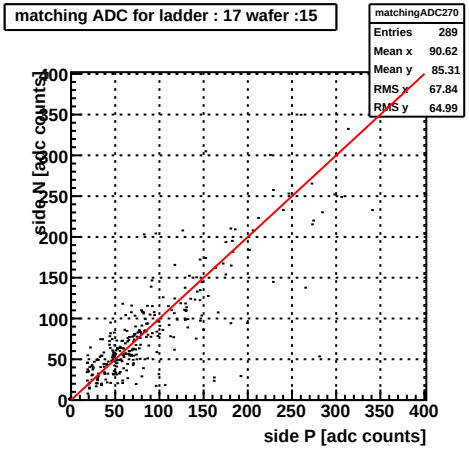

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 273
Mean x 75.23
Mean y 86.87
RMS x 58.62
RMS y 56.81
side N [adc counts]
side P [adc counts]

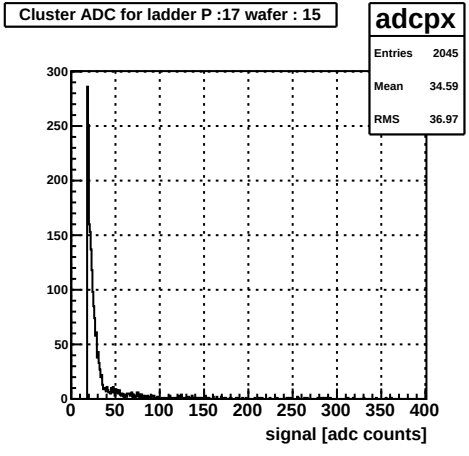

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1315
Mean 35.66
RMS 39.37
signal [adc counts]

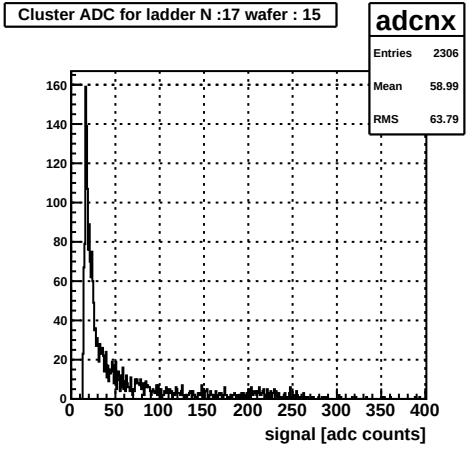

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1254
Mean 38.36
RMS 42.21
signal [adc counts]

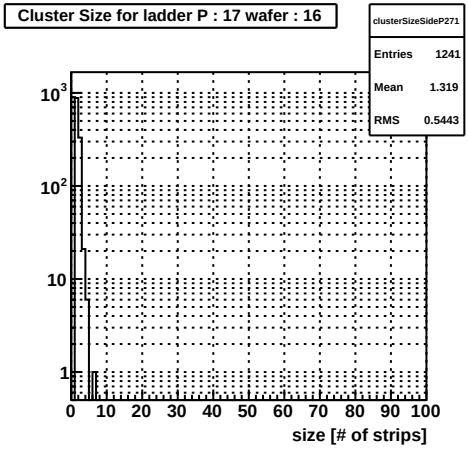

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2045
Mean 1.106
RMS 0.4149
size [# of strips]

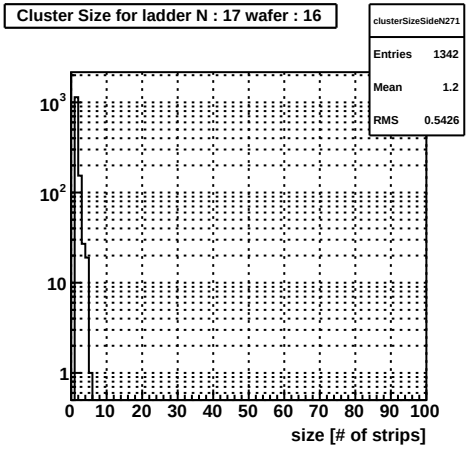

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2306
Mean 1.147
RMS 0.4769
size [# of strips]

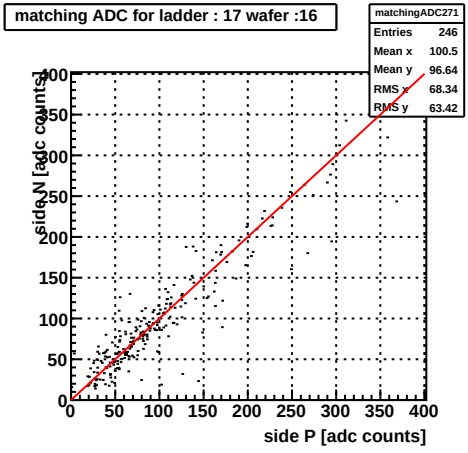

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 289
Mean x 90.62
Mean y 85.31
RMS x 67.84
RMS y 64.99
side N [adc counts]
side P [adc counts]

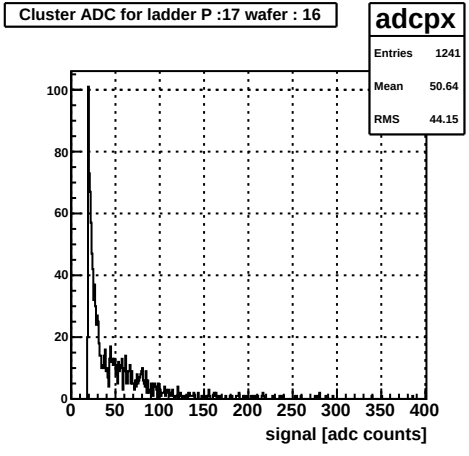

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2045
Mean 34.59
RMS 36.97
signal [adc counts]

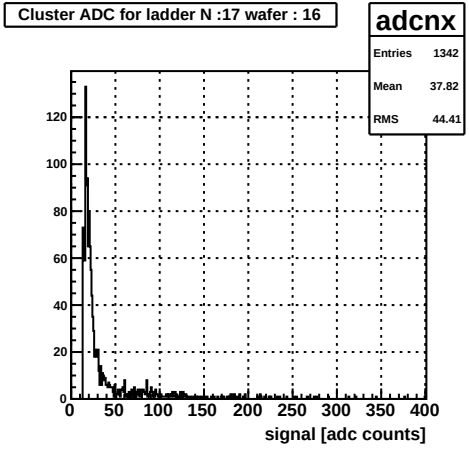

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2306
Mean 58.99
RMS 63.79
signal [adc counts]

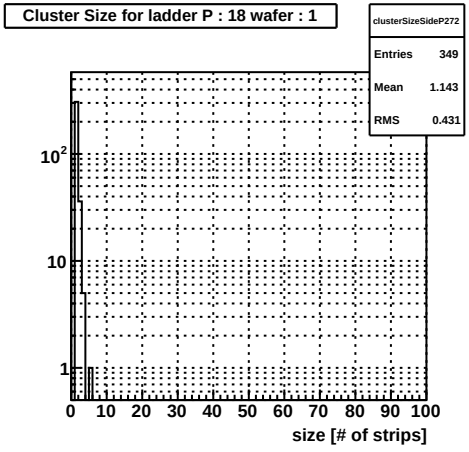

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1241
Mean 1.319
RMS 0.5443
size [# of strips]

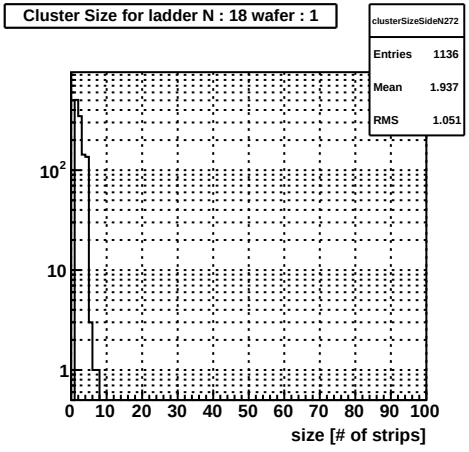

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1342
Mean 1.2
RMS 0.5426
size [# of strips]

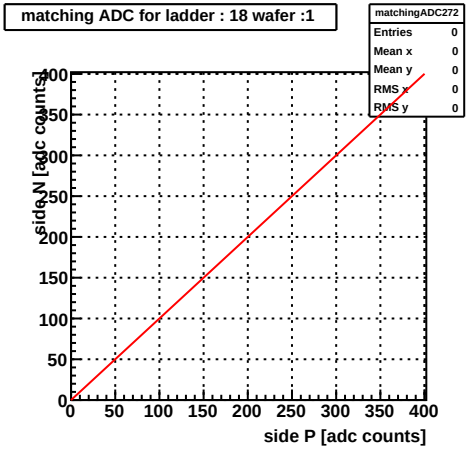

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 246
Mean x 100.5
Mean y 96.64
RMS x 68.34
RMS y 63.42
side N [adc counts]
side P [adc counts]

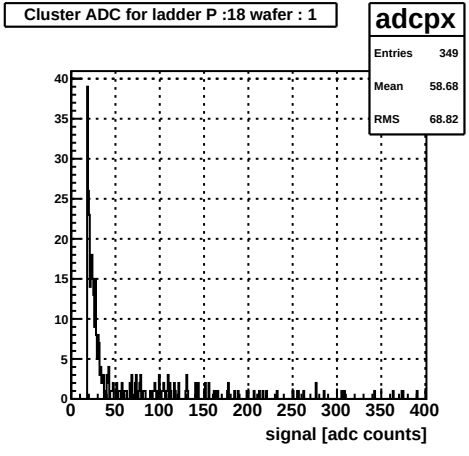

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1241
Mean 50.64
RMS 44.15
signal [adc counts]

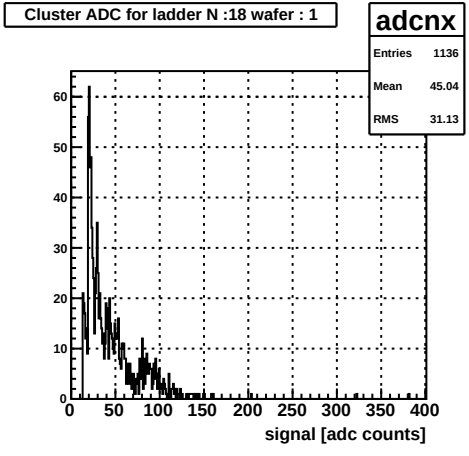

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1342
Mean 37.82
RMS 44.41
signal [adc counts]

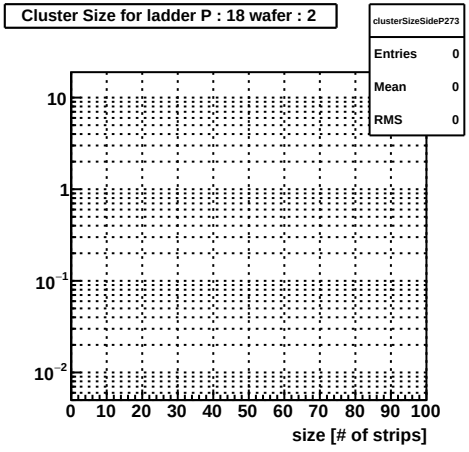

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 349
Mean 1.143
RMS 0.431
size [# of strips]

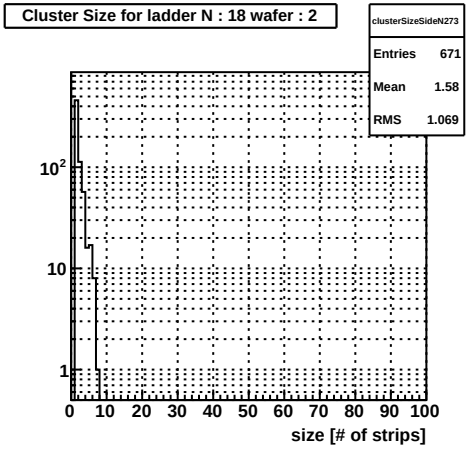

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1136
Mean 1.937
RMS 1.051
size [# of strips]

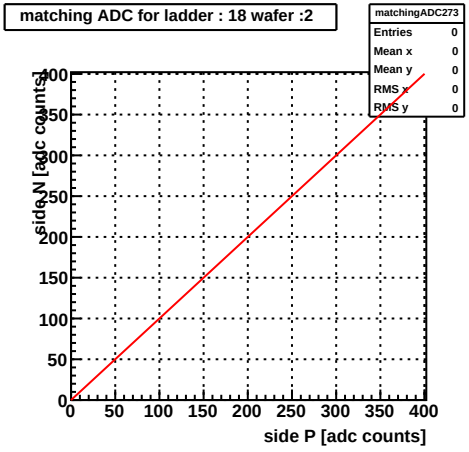

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

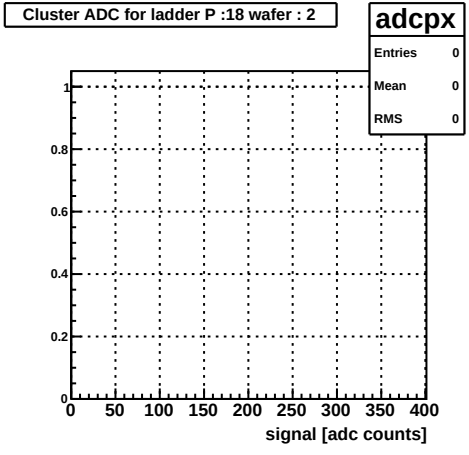

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 349
Mean 58.68
RMS 68.82
signal [adc counts]

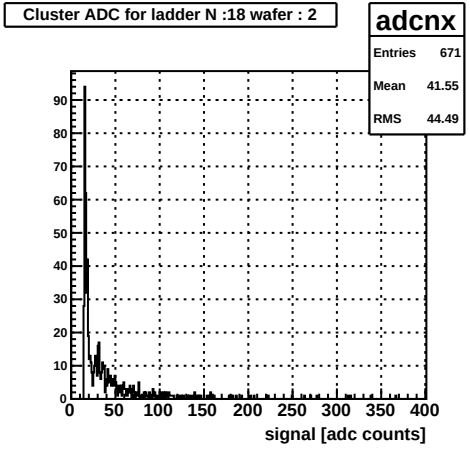

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1136
Mean 45.04
RMS 31.13
signal [adc counts]

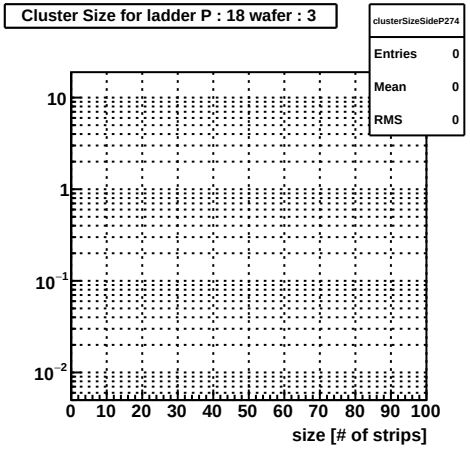

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

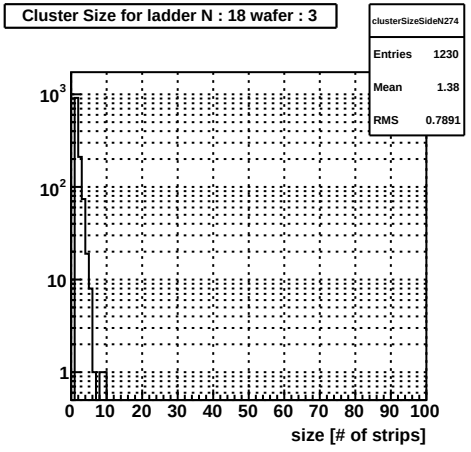

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 671
Mean 1.58
RMS 1.069
size [# of strips]

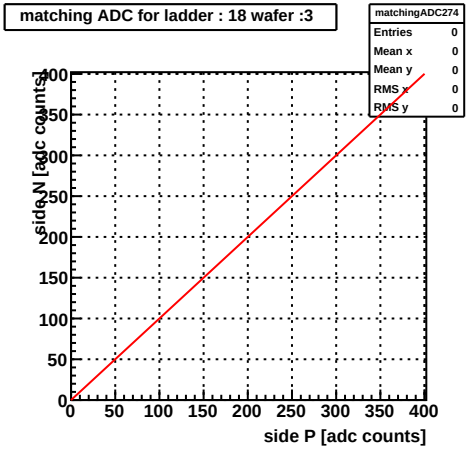

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

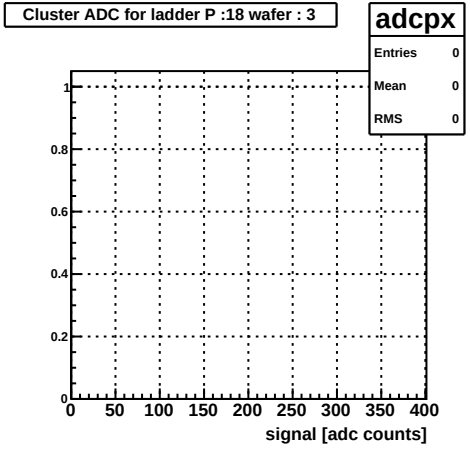

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

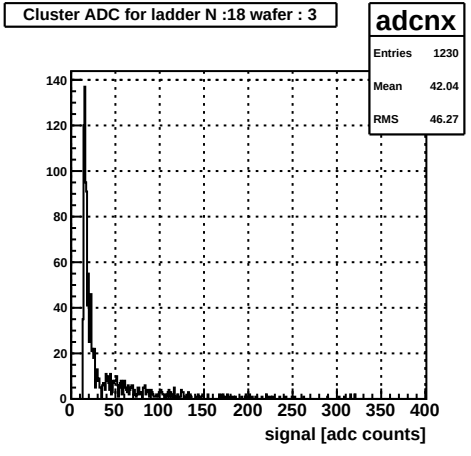

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 671
Mean 41.55
RMS 44.49
signal [adc counts]

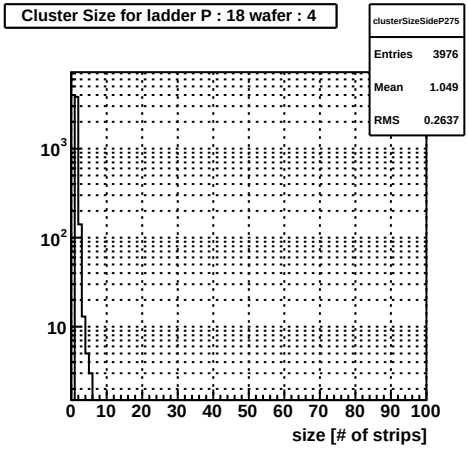

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

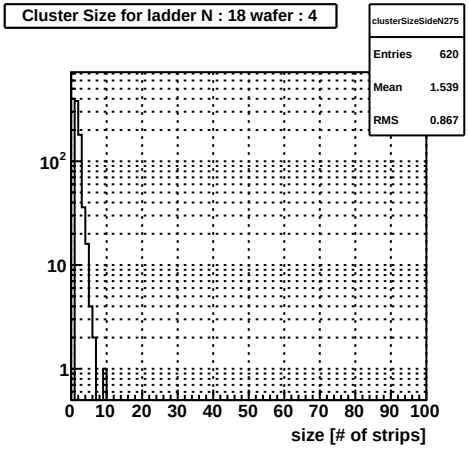

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1230
Mean 1.38
RMS 0.7891
size [# of strips]

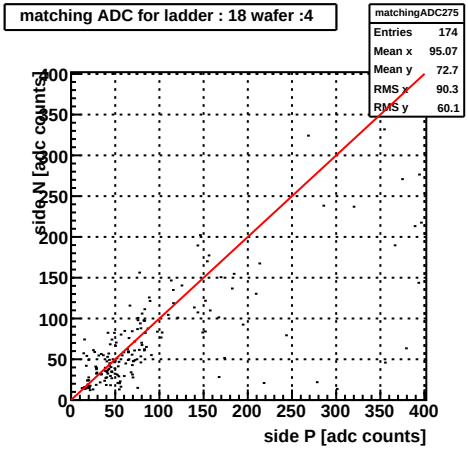

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

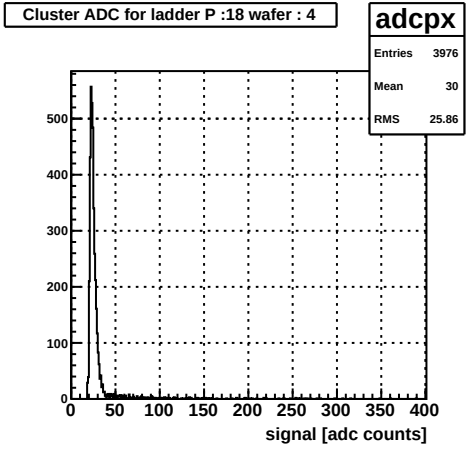

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

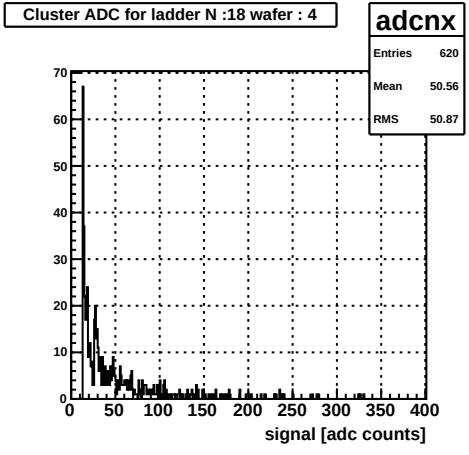

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1230
Mean 42.04
RMS 46.27
signal [adc counts]

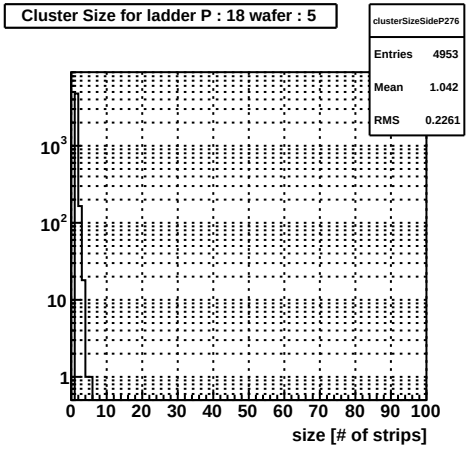

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3976
Mean 1.049
RMS 0.2637
size [# of strips]

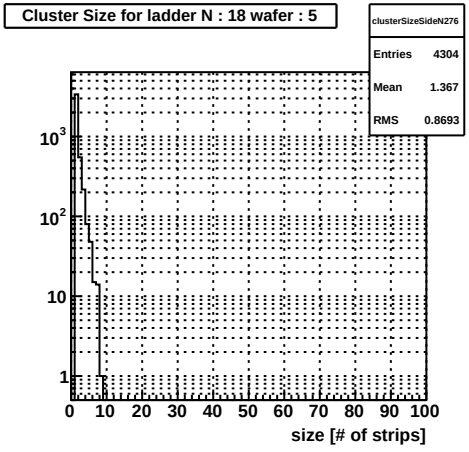

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 620
Mean 1.539
RMS 0.867
size [# of strips]

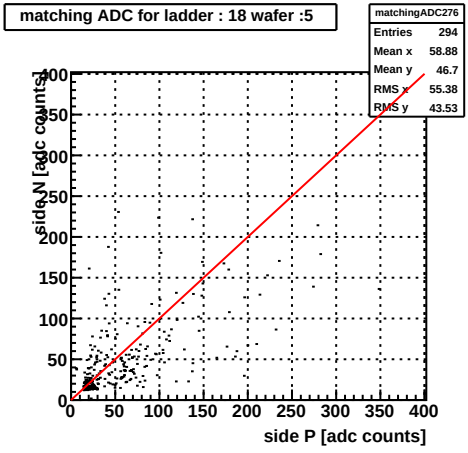

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 174
Mean x 95.07
Mean y 72.7
RMS x 90.3
RMS y 60.1
side N [adc counts]
side P [adc counts]

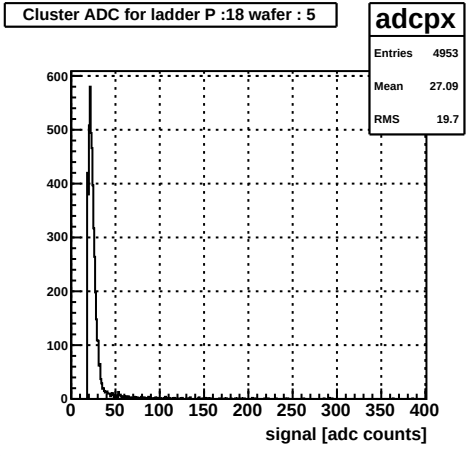

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3976
Mean 30
RMS 25.86
signal [adc counts]

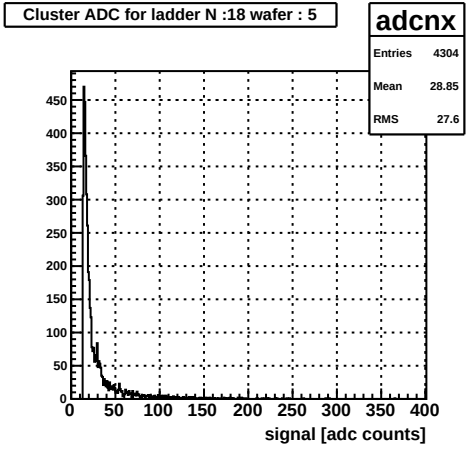

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 620
Mean 50.56
RMS 50.87
signal [adc counts]

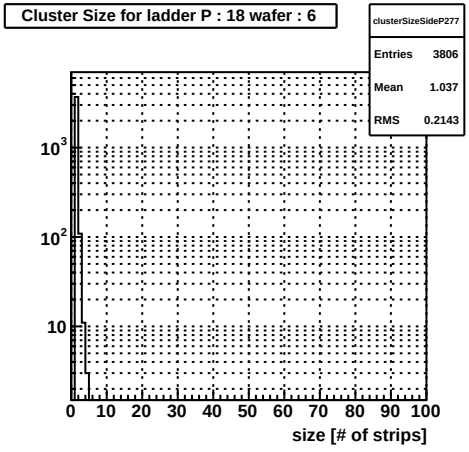

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4953
Mean 1.042
RMS 0.2261
size [# of strips]

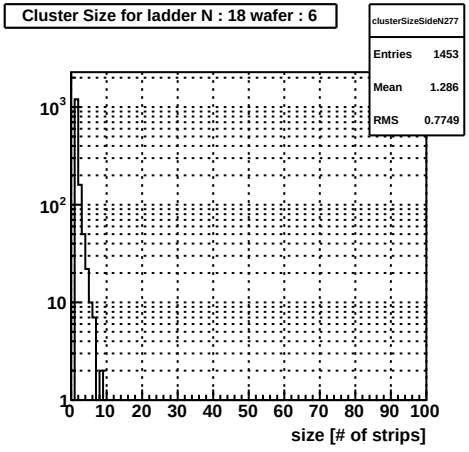

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4304
Mean 1.367
RMS 0.8693
size [# of strips]

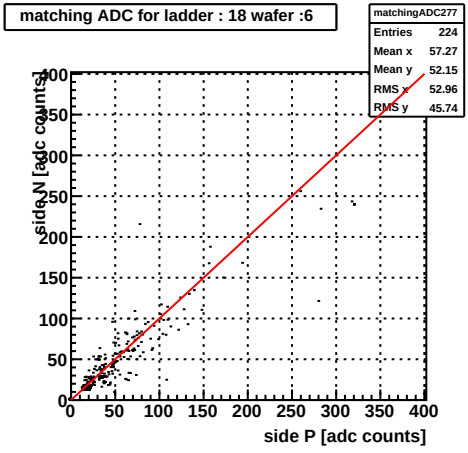

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 294
Mean x 58.88
Mean y 46.7
RMS x 55.38
RMS y 43.53
side N [adc counts]
side P [adc counts]

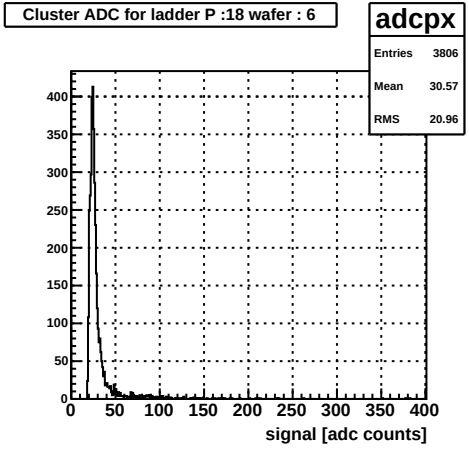

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4953
Mean 27.09
RMS 19.7
signal [adc counts]

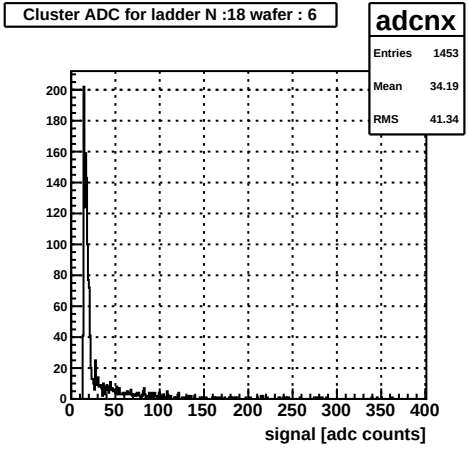

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4304
Mean 28.85
RMS 27.6
signal [adc counts]

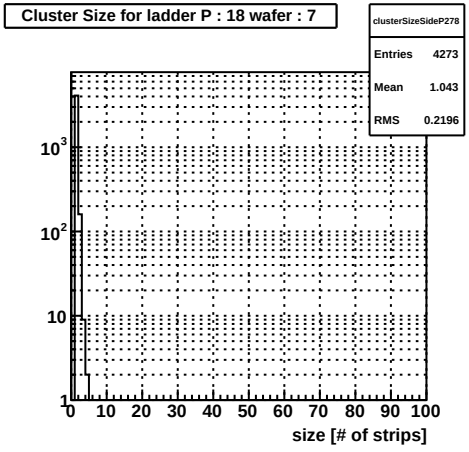

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3806
Mean 1.037
RMS 0.2143
size [# of strips]

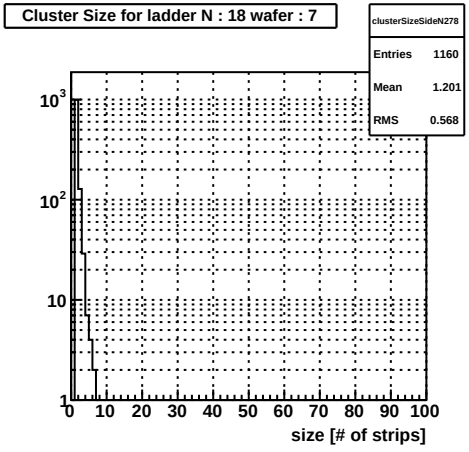

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1453
Mean 1.286
RMS 0.7749
size [# of strips]

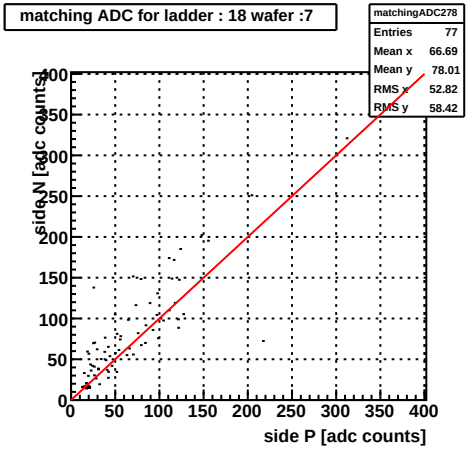

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 224
Mean x 57.27
Mean y 52.15
RMS x 52.96
RMS y 45.74
side N [adc counts]
side P [adc counts]

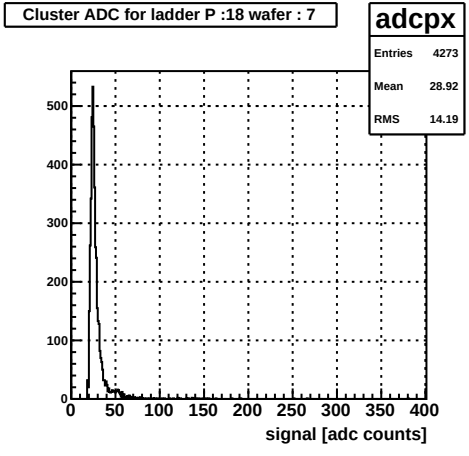

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3806
Mean 30.57
RMS 20.96
signal [adc counts]

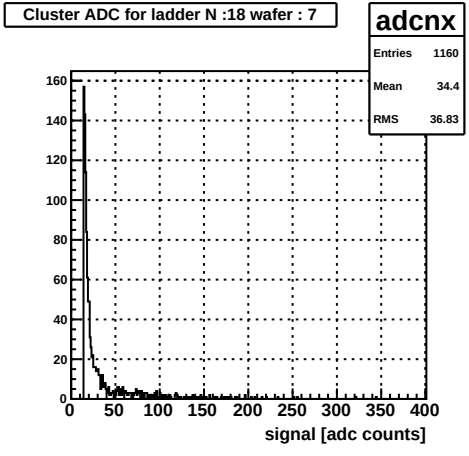

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1453
Mean 34.19
RMS 41.34
signal [adc counts]

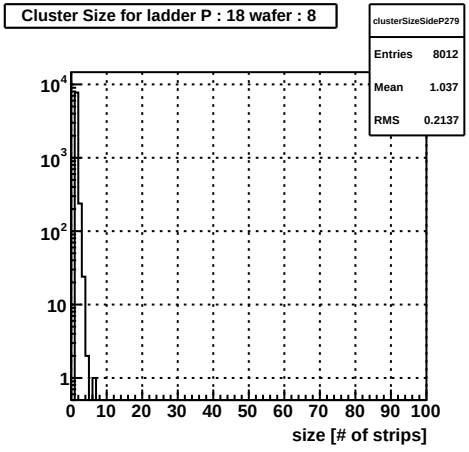

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4273
Mean 1.043
RMS 0.2196
size [# of strips]

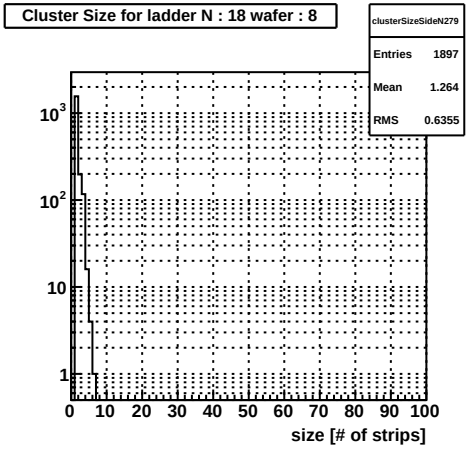

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1160
Mean 1.201
RMS 0.568
size [# of strips]

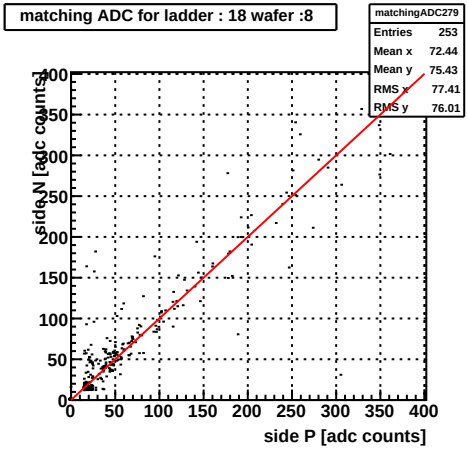

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 77
Mean x 66.69
Mean y 78.01
RMS x 52.82
RMS y 58.42
side N [adc counts]
side P [adc counts]

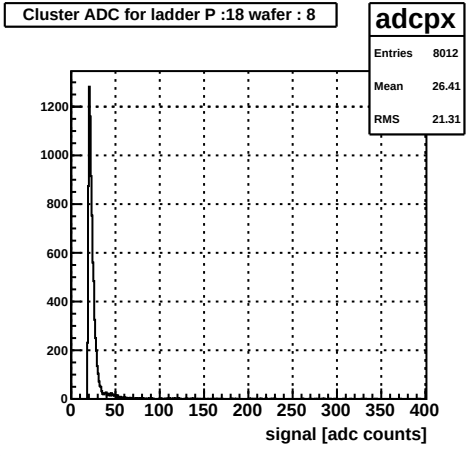

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4273
Mean 28.92
RMS 14.19
signal [adc counts]

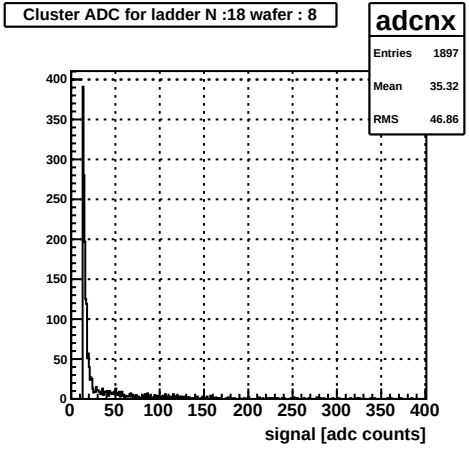

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1160
Mean 34.4
RMS 36.83
signal [adc counts]

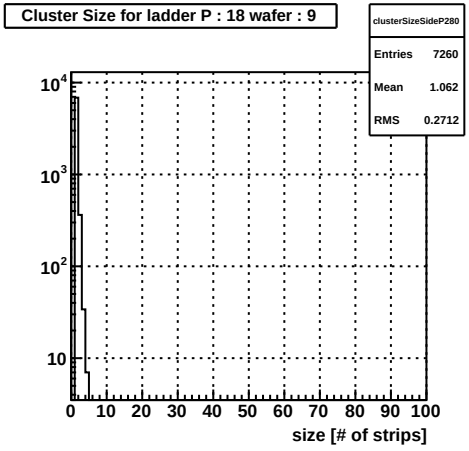

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8012
Mean 1.037
RMS 0.2137
size [# of strips]

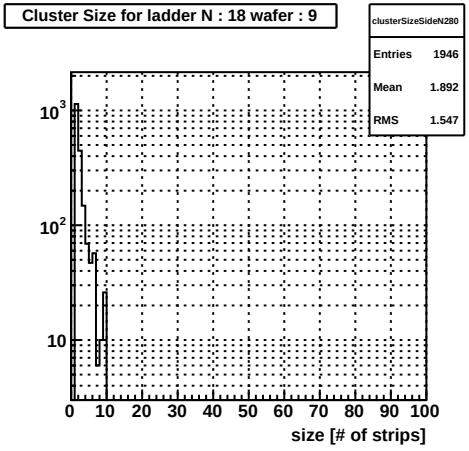

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1897
Mean 1.264
RMS 0.6355
size [# of strips]

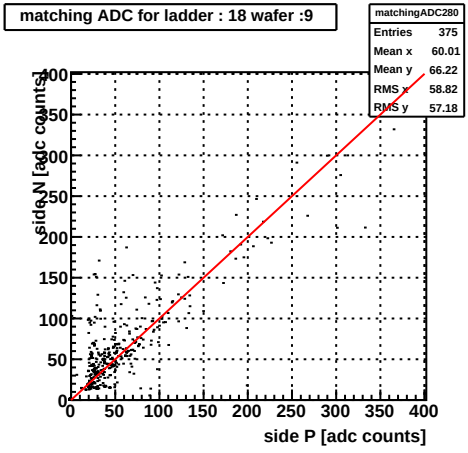

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 253
Mean x 72.44
Mean y 75.43
RMS x 77.41
RMS y 76.01
side N [adc counts]
side P [adc counts]

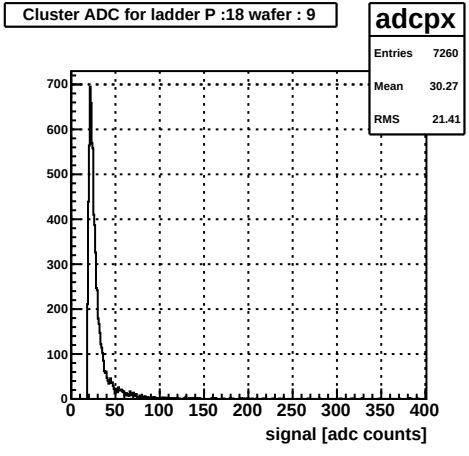

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8012
Mean 26.41
RMS 21.31
signal [adc counts]

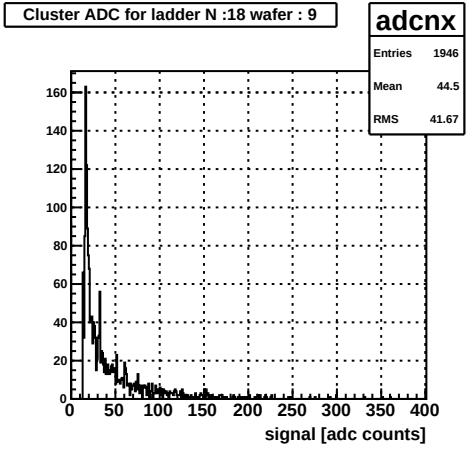

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1897
Mean 35.32
RMS 46.86
signal [adc counts]

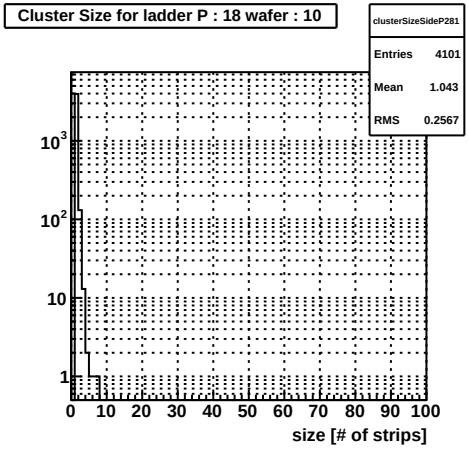

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7260
Mean 1.062
RMS 0.2712
size [# of strips]

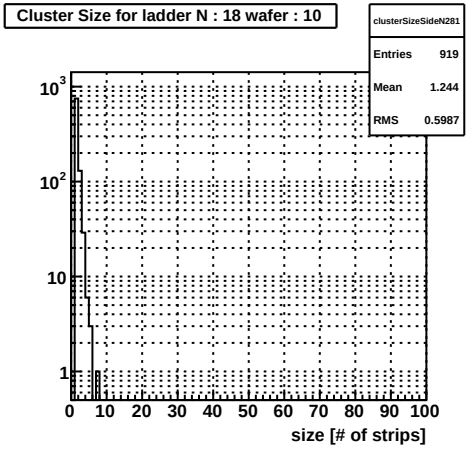

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1946
Mean 1.892
RMS 1.547
size [# of strips]

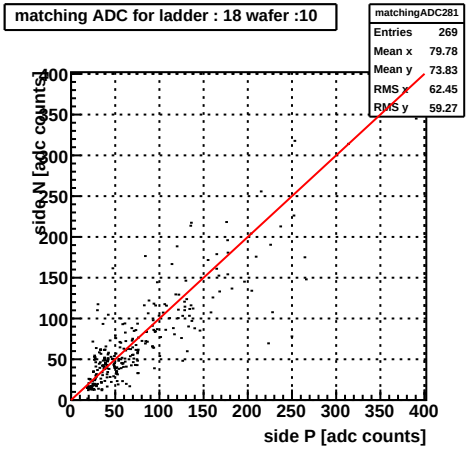

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 375
Mean x 60.01
Mean y 66.22
RMS x 58.82
RMS y 57.18
side N [adc counts]
side P [adc counts]

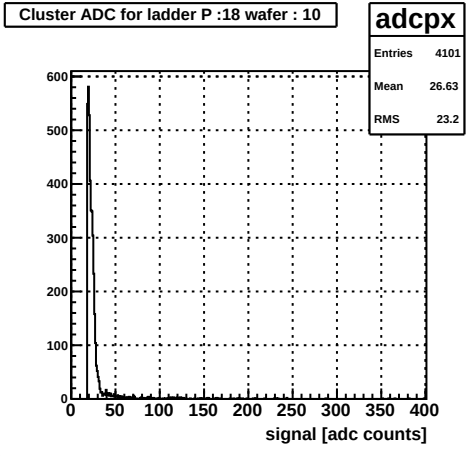

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7260
Mean 30.27
RMS 21.41
signal [adc counts]

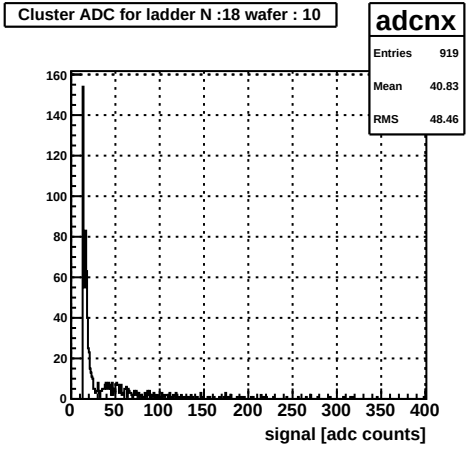

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1946
Mean 44.5
RMS 41.67
signal [adc counts]

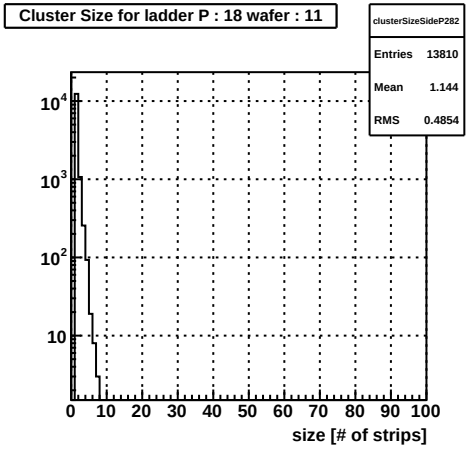

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4101
Mean 1.043
RMS 0.2567
size [# of strips]

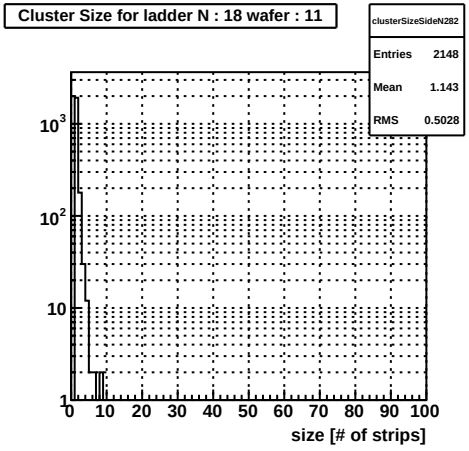

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 919
Mean 1.244
RMS 0.5987
size [# of strips]

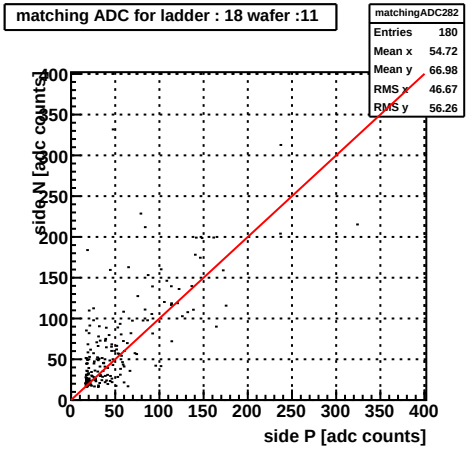

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 269
Mean x 79.78
Mean y 73.83
RMS x 62.45
RMS y 59.27
side N [adc counts]
side P [adc counts]

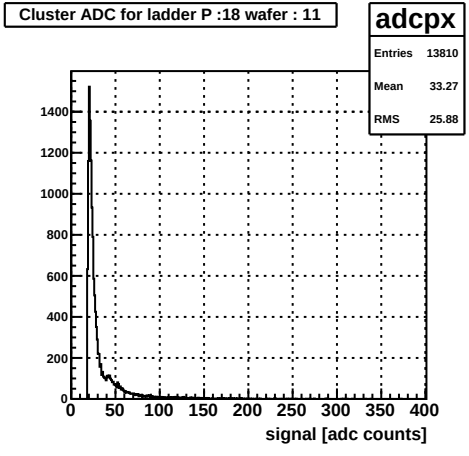

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4101
Mean 26.63
RMS 23.2
signal [adc counts]

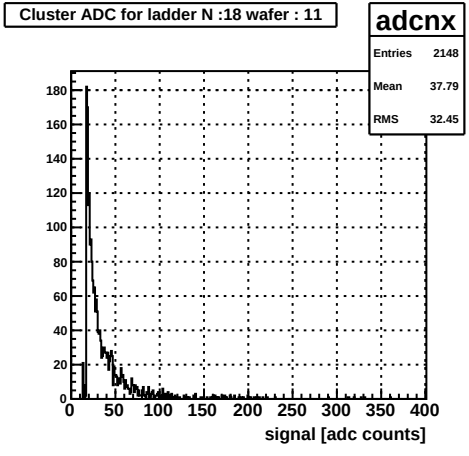

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 919
Mean 40.83
RMS 48.46
signal [adc counts]

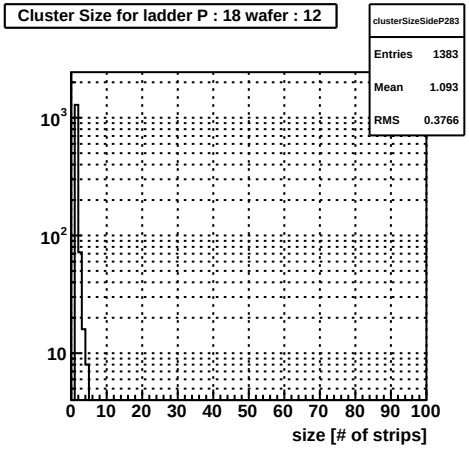

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13810
Mean 1.144
RMS 0.4854
size [# of strips]

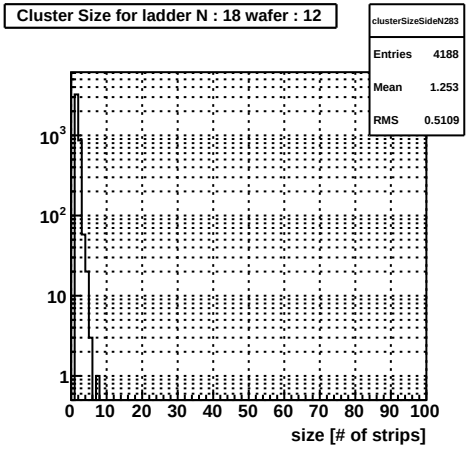

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2148
Mean 1.143
RMS 0.5028
size [# of strips]

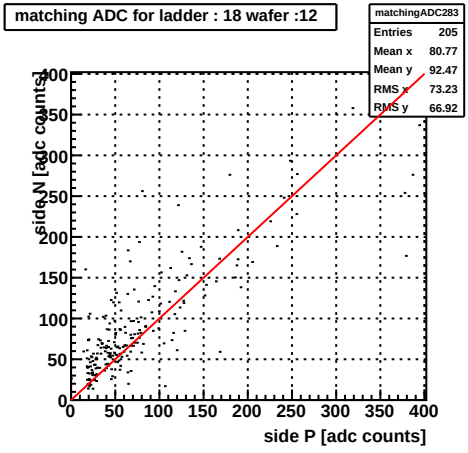

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 180
Mean x 54.72
Mean y 66.98
RMS x 46.67
RMS y 56.26
side N [adc counts]
side P [adc counts]

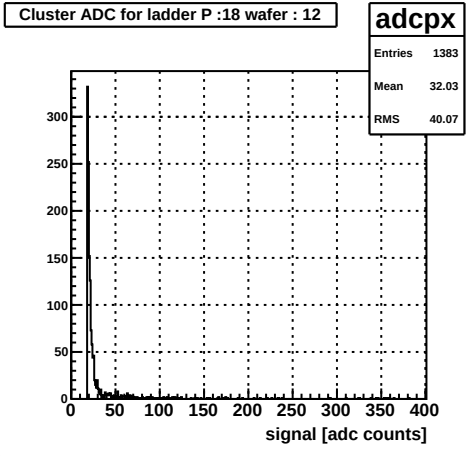

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13810
Mean 33.27
RMS 25.88
signal [adc counts]

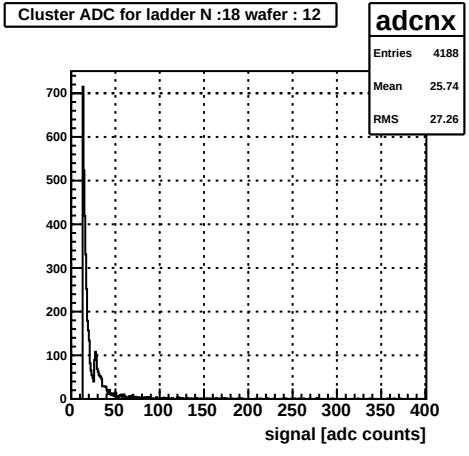

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2148
Mean 37.79
RMS 32.45
signal [adc counts]

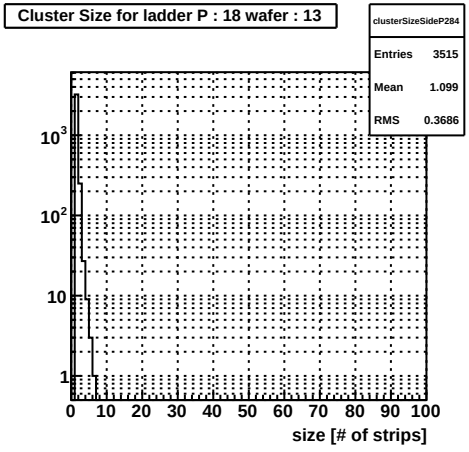

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1383
Mean 1.093
RMS 0.3766
size [# of strips]

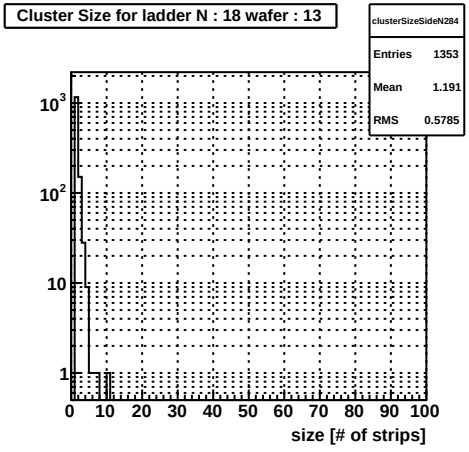

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4188
Mean 1.253
RMS 0.5109
size [# of strips]

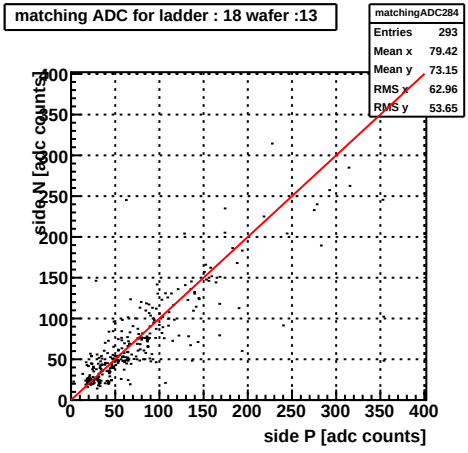

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 205
Mean x 80.77
Mean y 92.47
RMS x 73.23
RMS y 66.92
side N [adc counts]
side P [adc counts]

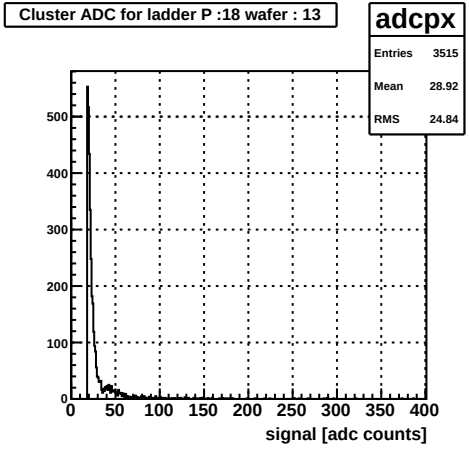

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1383
Mean 32.03
RMS 40.07
signal [adc counts]

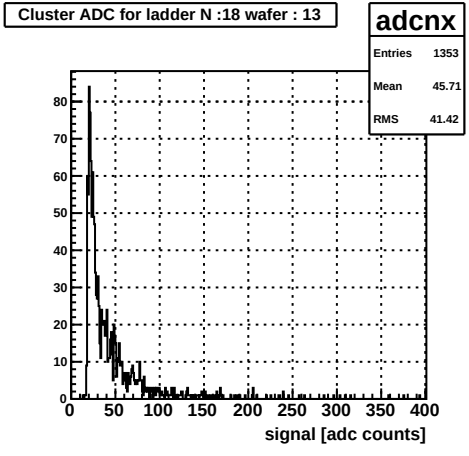

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4188
Mean 25.74
RMS 27.26
signal [adc counts]

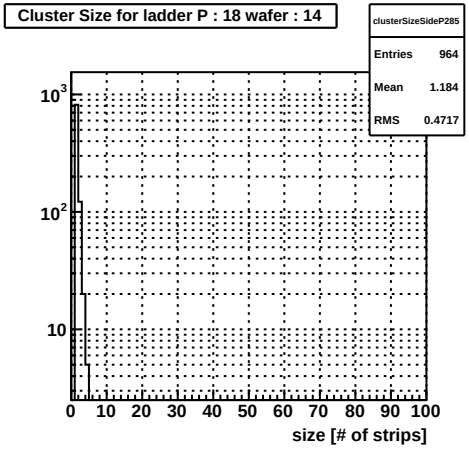

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3515
Mean 1.099
RMS 0.3686
size [# of strips]

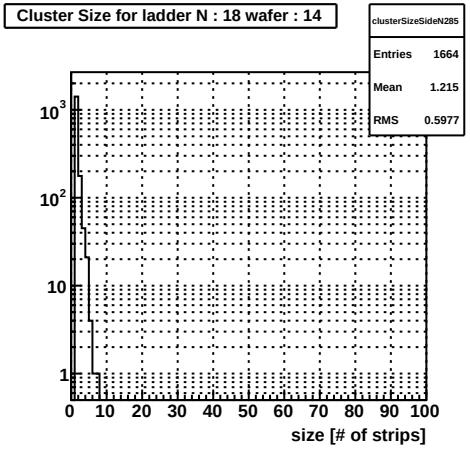

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1353
Mean 1.191
RMS 0.5785
size [# of strips]

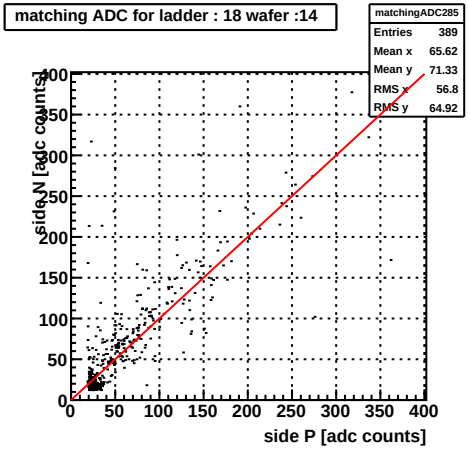

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 293
Mean x 79.42
Mean y 73.15
RMS x 62.96
RMS y 53.65
side N [adc counts]
side P [adc counts]

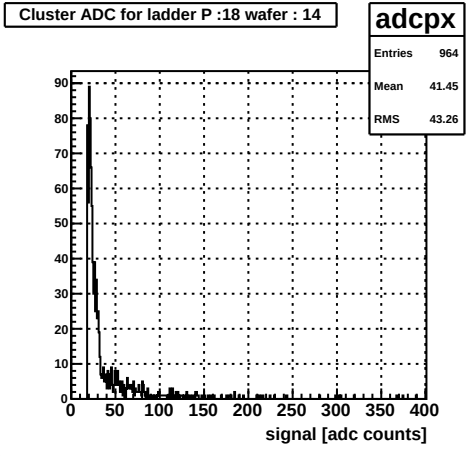

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3515
Mean 28.92
RMS 24.84
signal [adc counts]

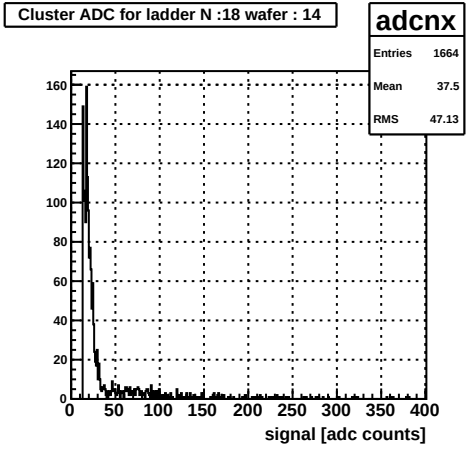

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1353
Mean 45.71
RMS 41.42
signal [adc counts]

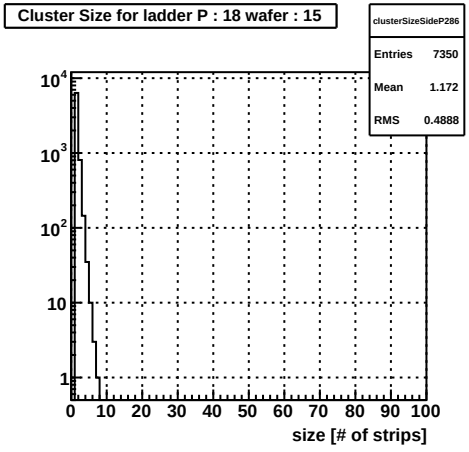

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 964
Mean 1.184
RMS 0.4717
size [# of strips]

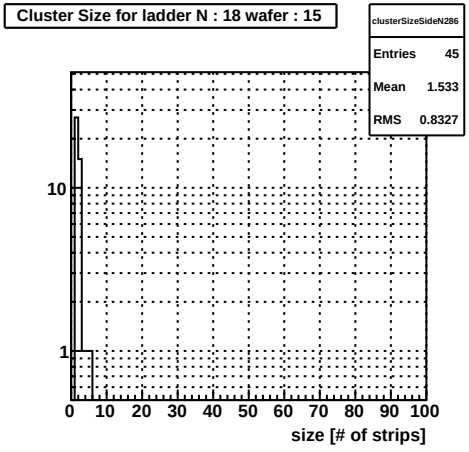

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1664
Mean 1.215
RMS 0.5977
size [# of strips]

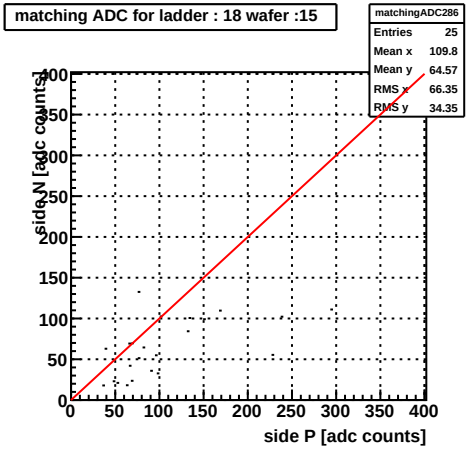

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 389
Mean x 65.62
Mean y 71.33
RMS x 56.8
RMS y 64.92
side N [adc counts]
side P [adc counts]

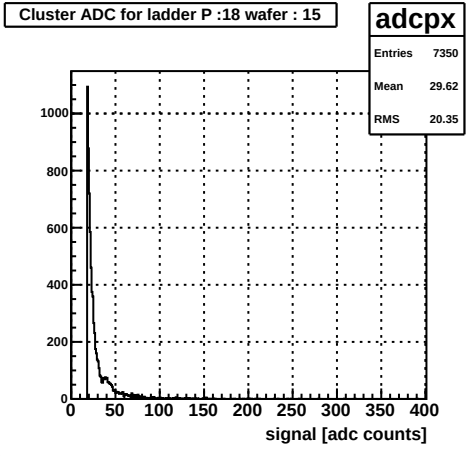

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 964
Mean 41.45
RMS 43.26
signal [adc counts]

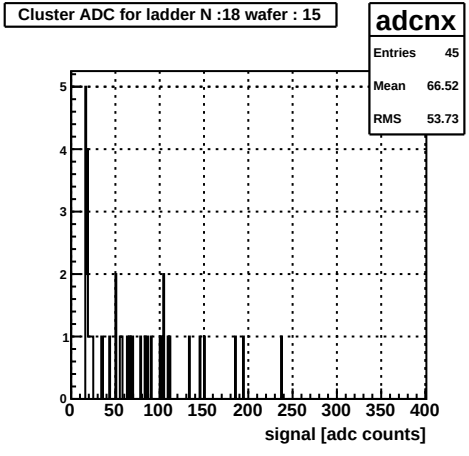

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1664
Mean 37.5
RMS 47.13
signal [adc counts]

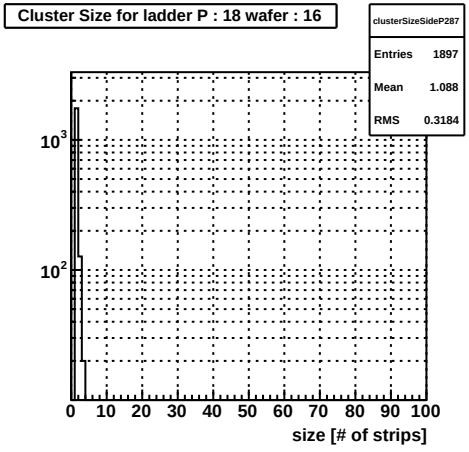

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7350
Mean 1.172
RMS 0.4888
size [# of strips]

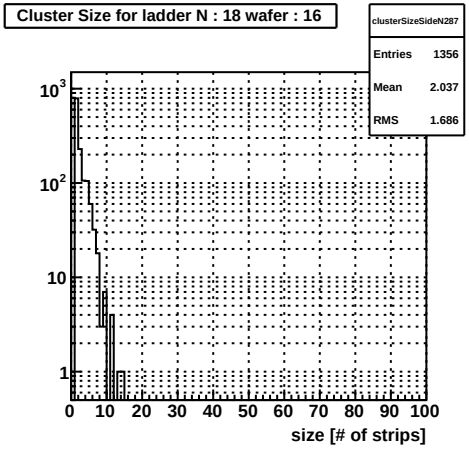

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 45
Mean 1.533
RMS 0.8327
size [# of strips]

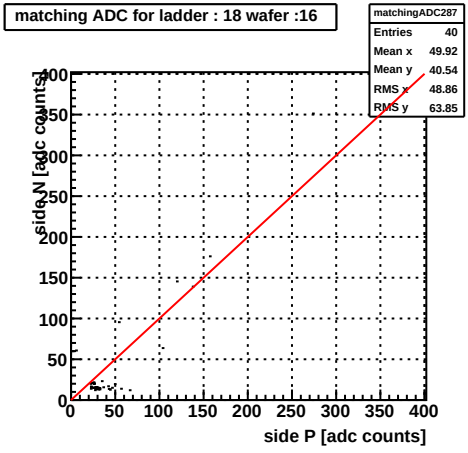

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 25
Mean x 109.8
Mean y 64.57
RMS x 66.35
RMS y 34.35
side N [adc counts]
side P [adc counts]

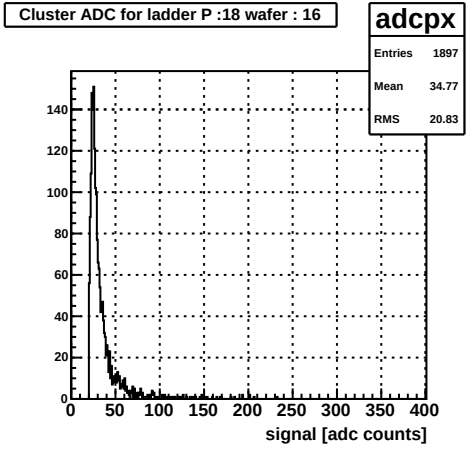

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7350
Mean 29.62
RMS 20.35
signal [adc counts]

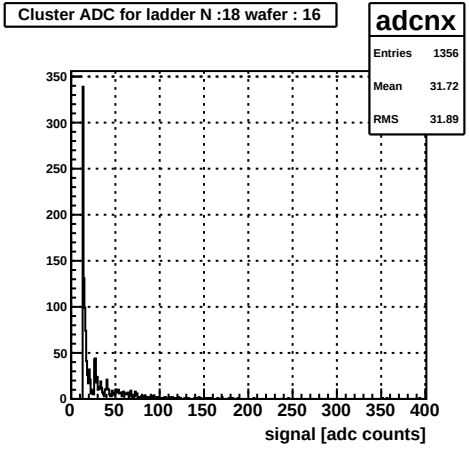

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 45
Mean 66.52
RMS 53.73
signal [adc counts]

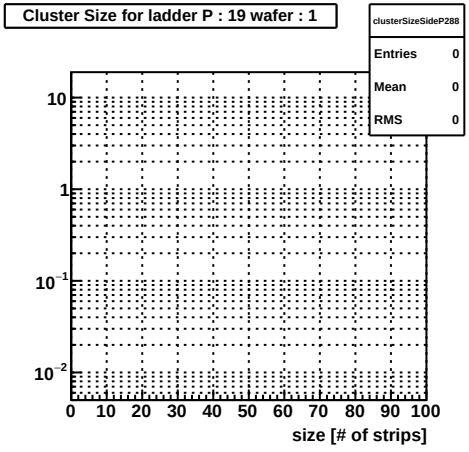

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1897
Mean 1.088
RMS 0.3184
size [# of strips]

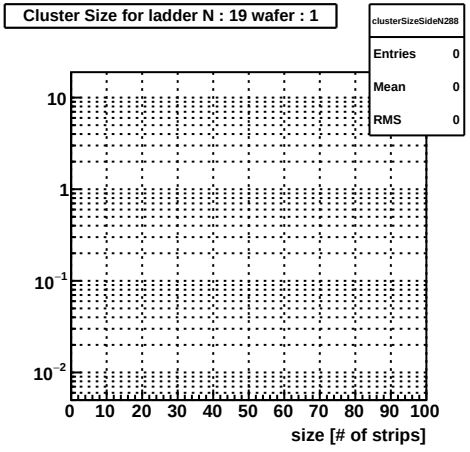

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1356
Mean 2.037
RMS 1.686
size [# of strips]

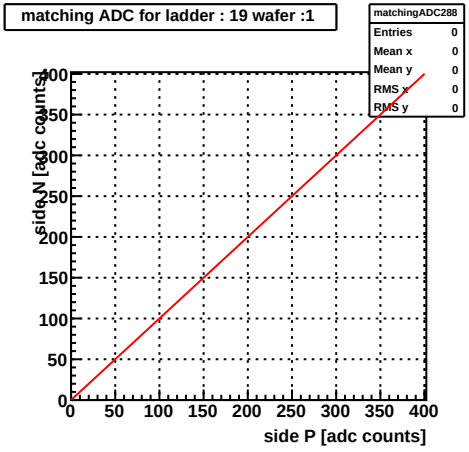

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 40
Mean x 49.92
Mean y 40.54
RMS x 48.86
RMS y 63.85
side N [adc counts]
side P [adc counts]

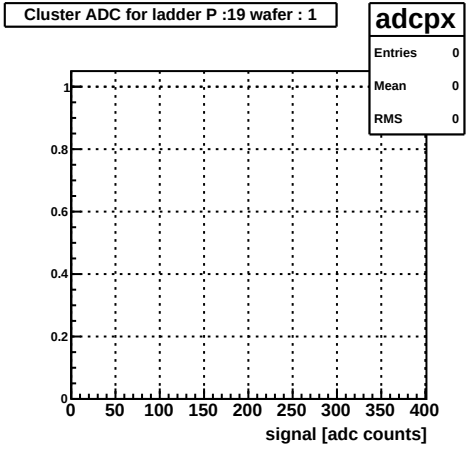

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1897
Mean 34.77
RMS 20.83
signal [adc counts]

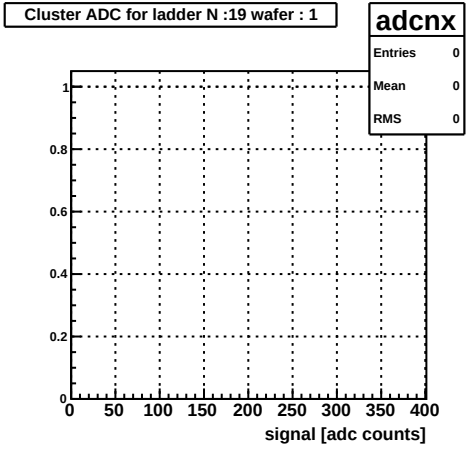

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1356
Mean 31.72
RMS 31.89
signal [adc counts]

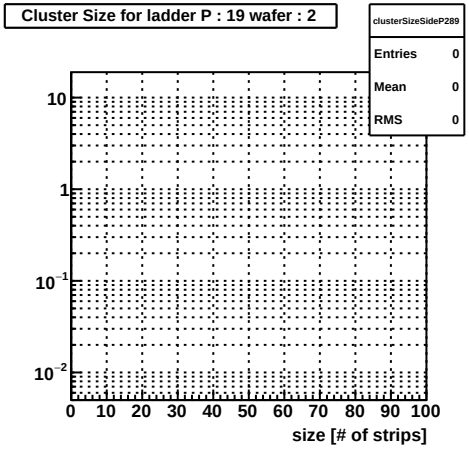

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

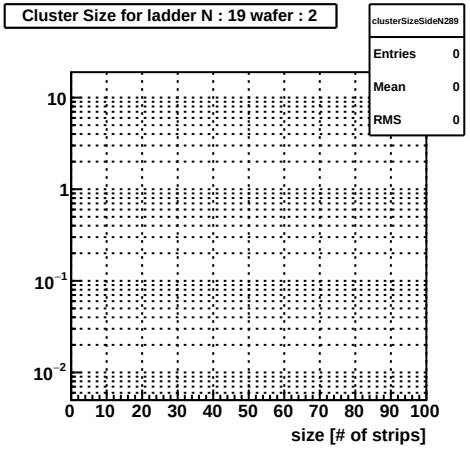

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

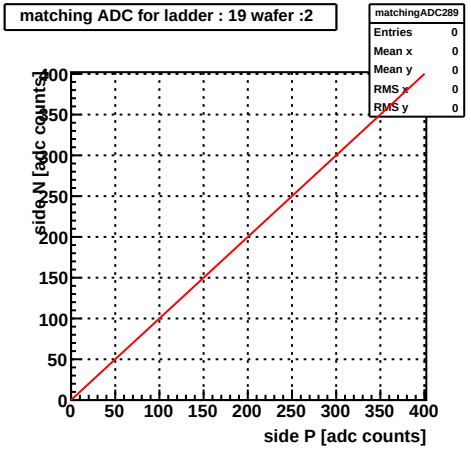

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

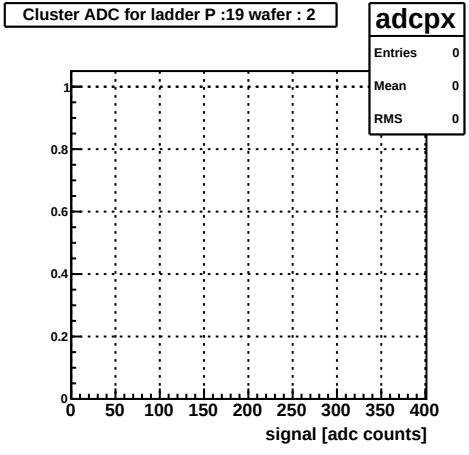

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

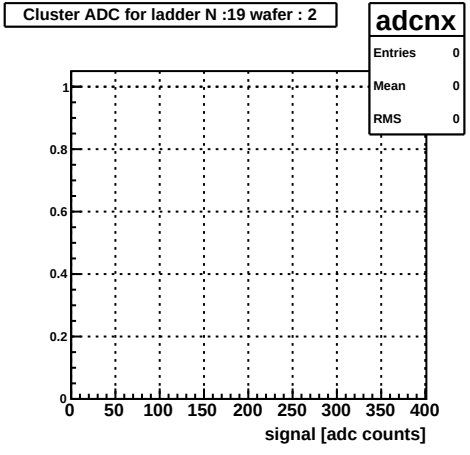

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

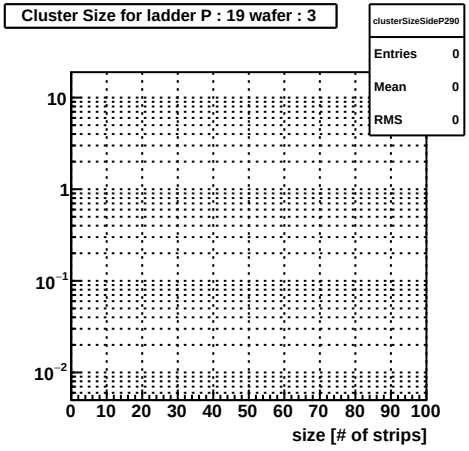

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

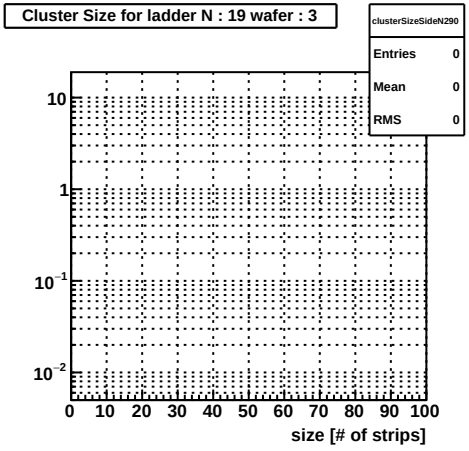

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

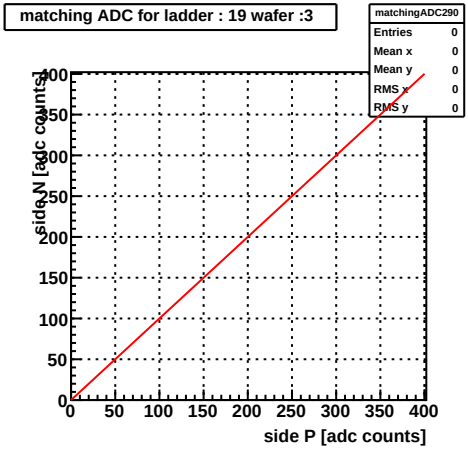

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

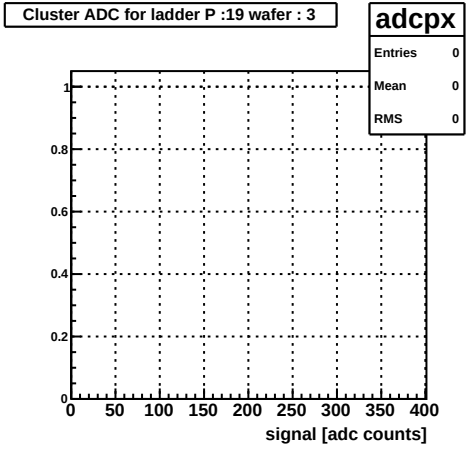

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

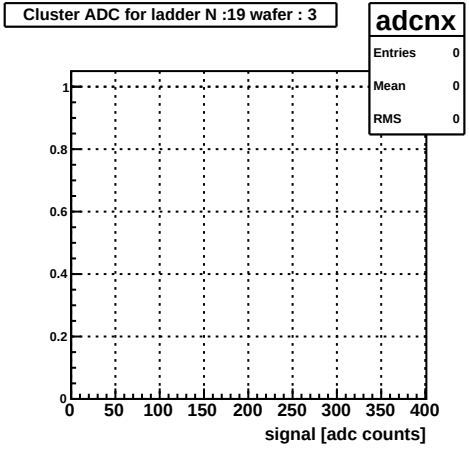

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

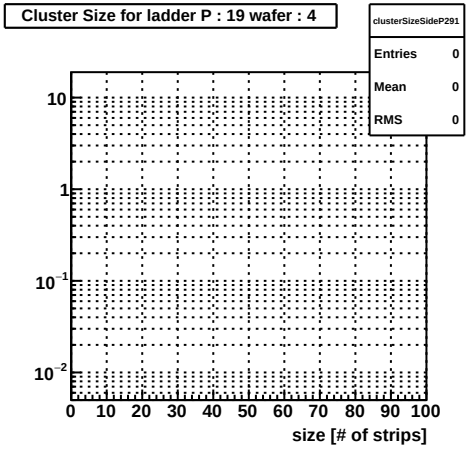

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

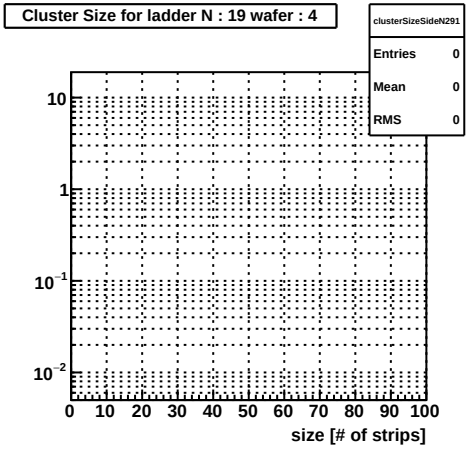

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

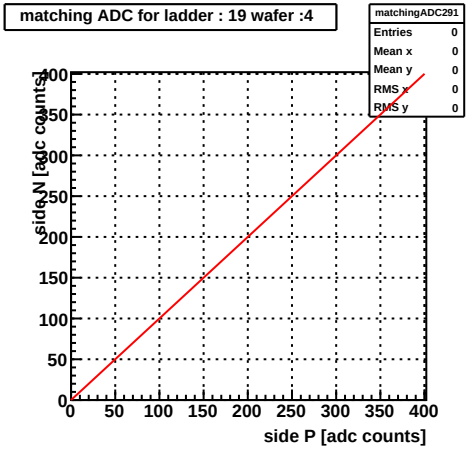

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

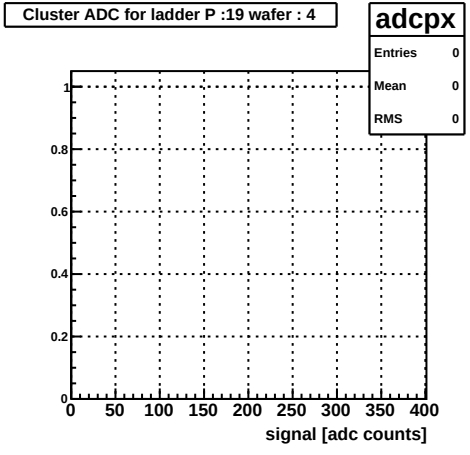

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

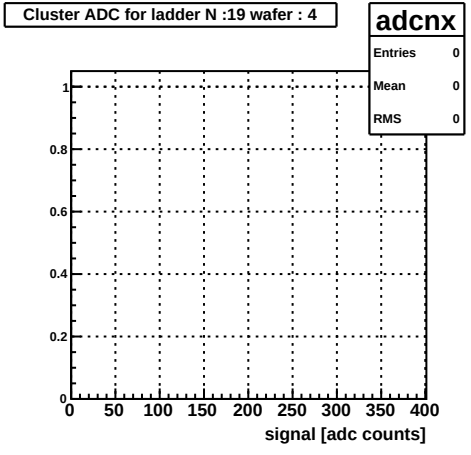

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

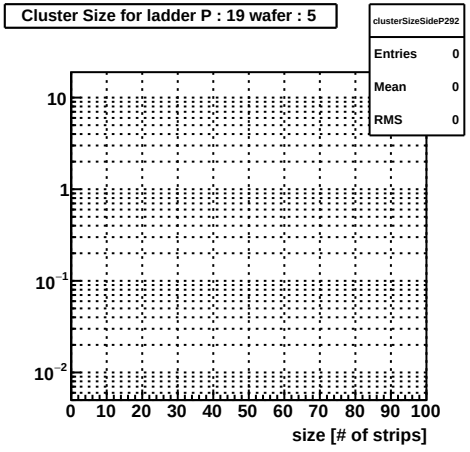

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

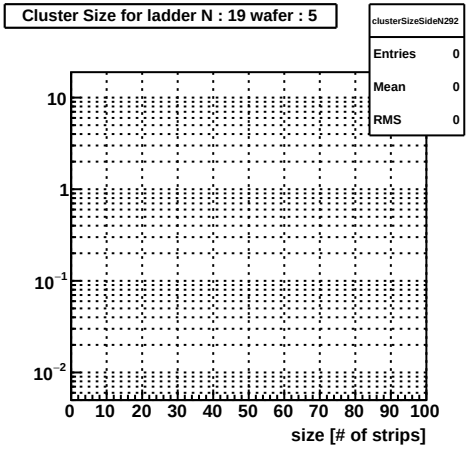

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

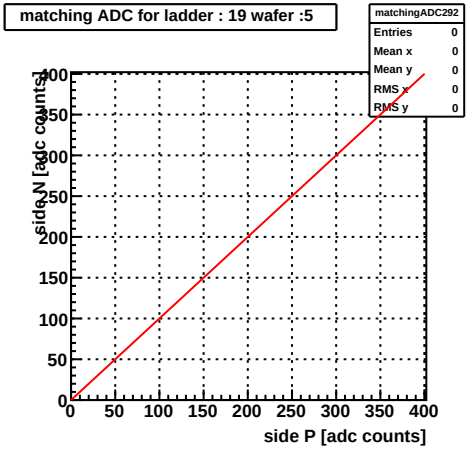

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

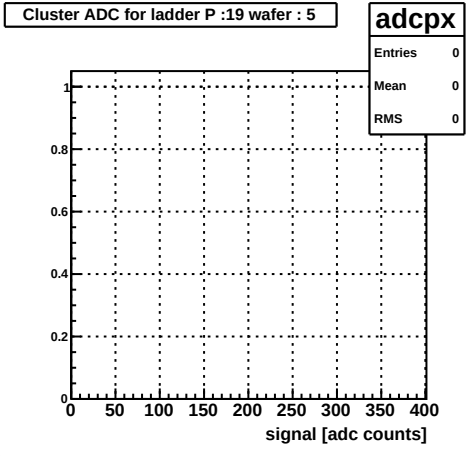

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

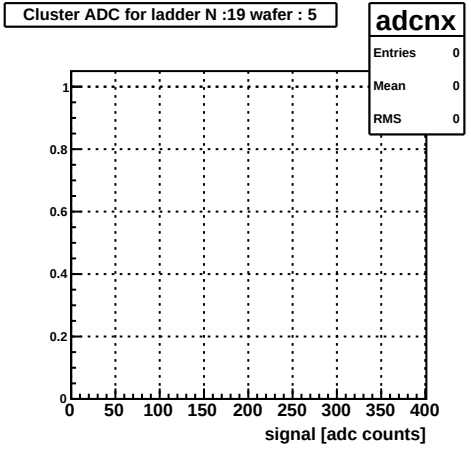

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

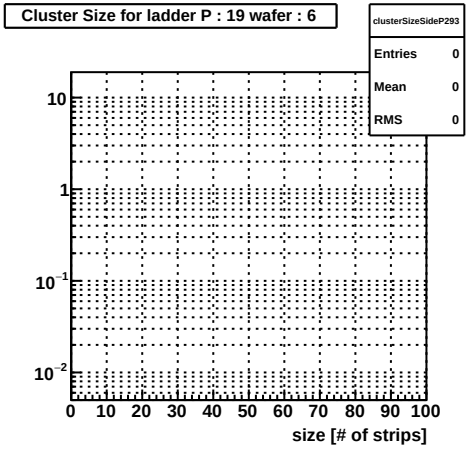

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

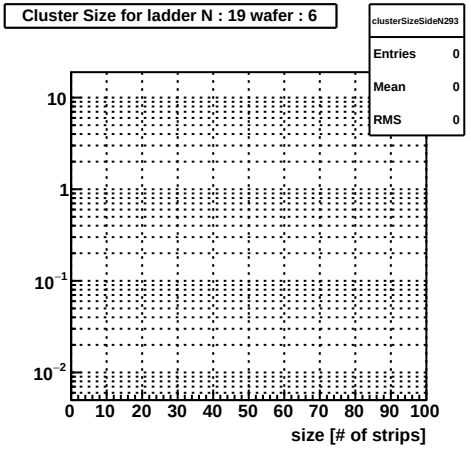

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

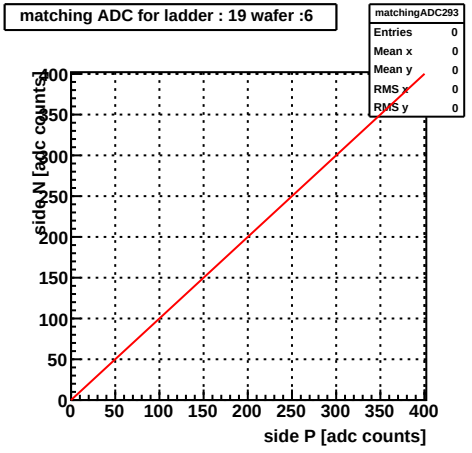

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

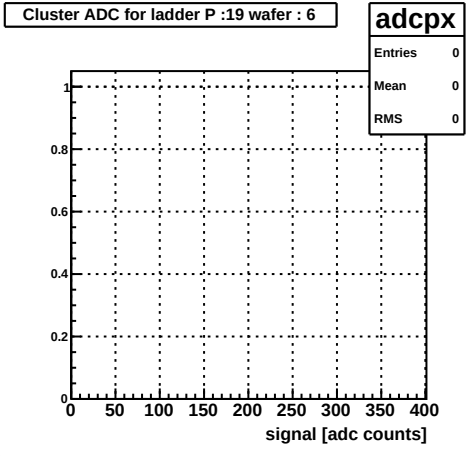

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

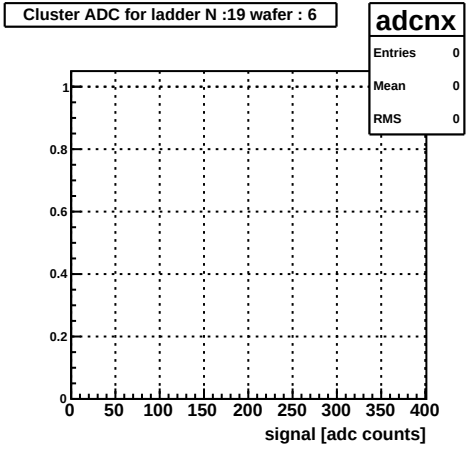

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

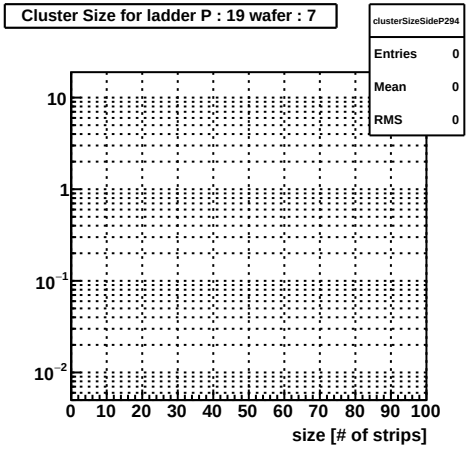

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

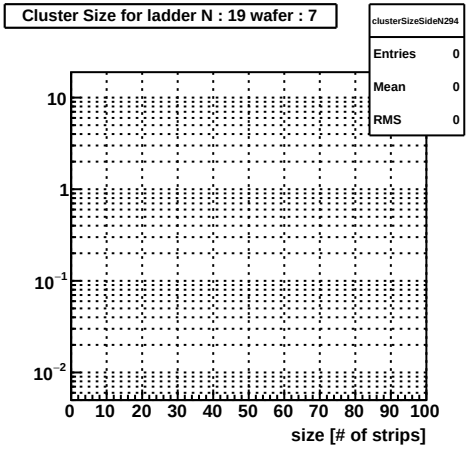

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

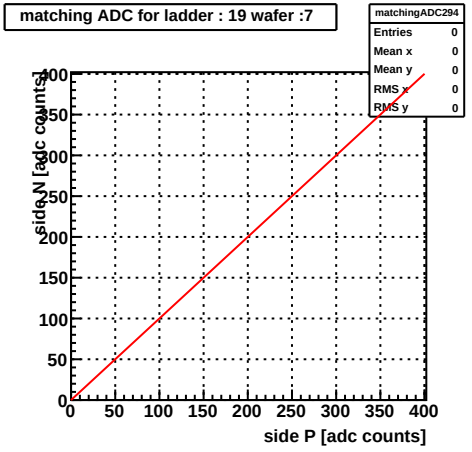

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

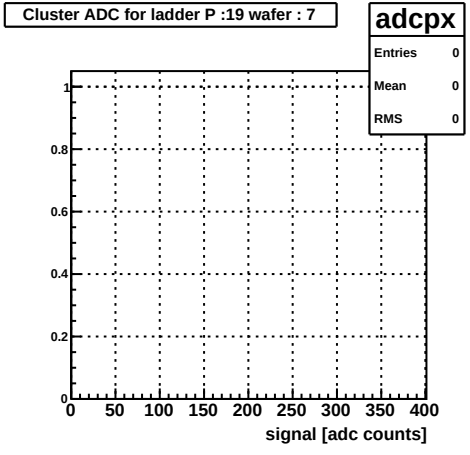

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

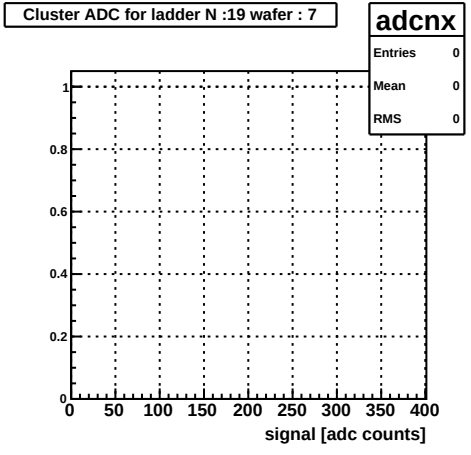

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

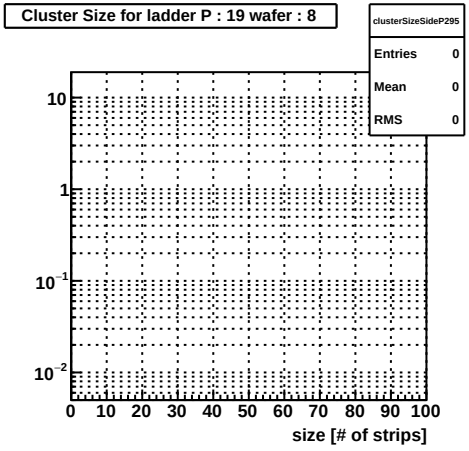

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

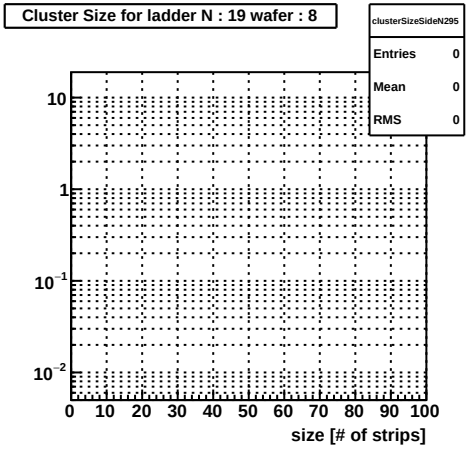

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

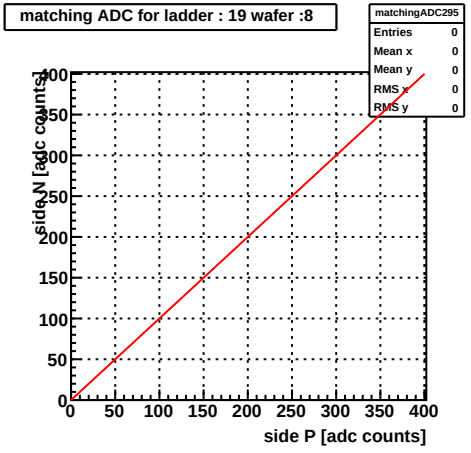

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

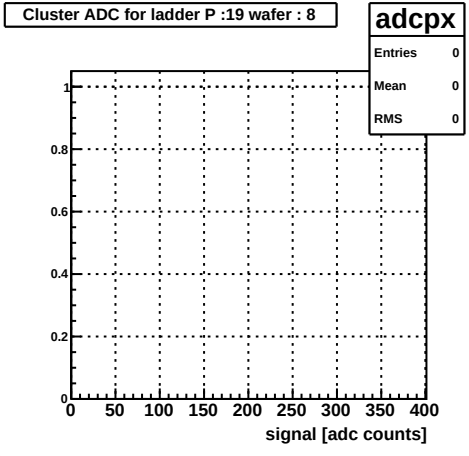

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

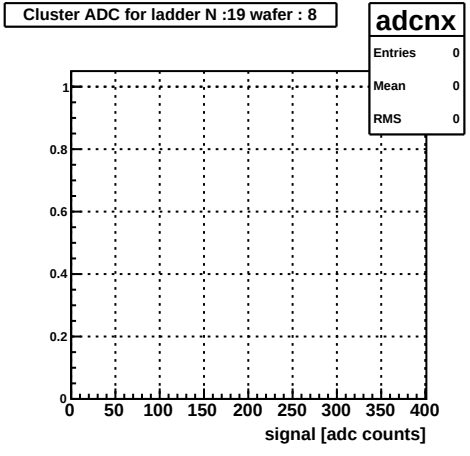

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

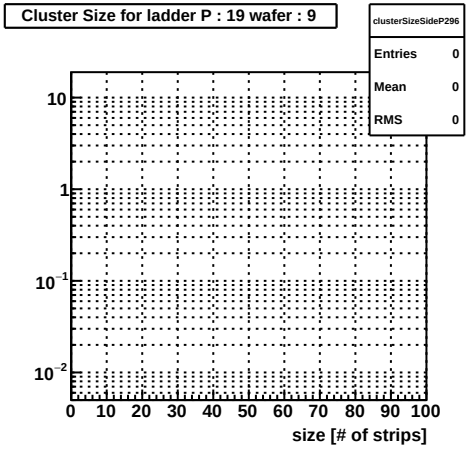

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

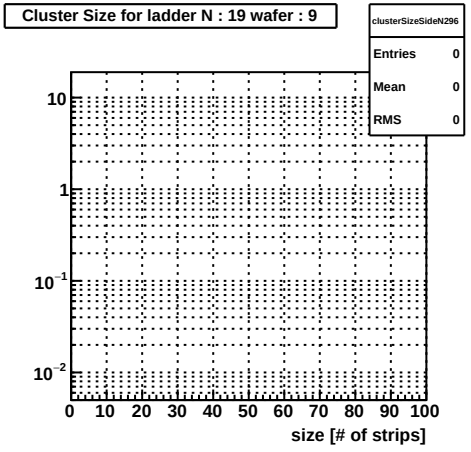

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

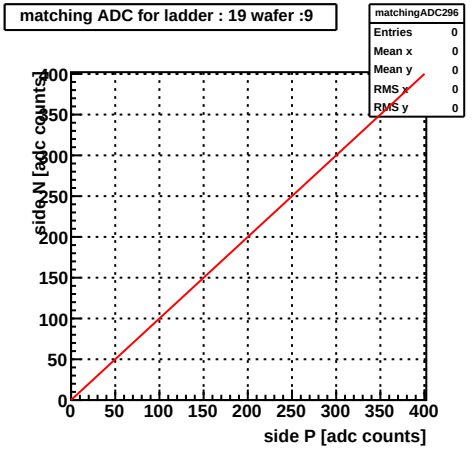

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

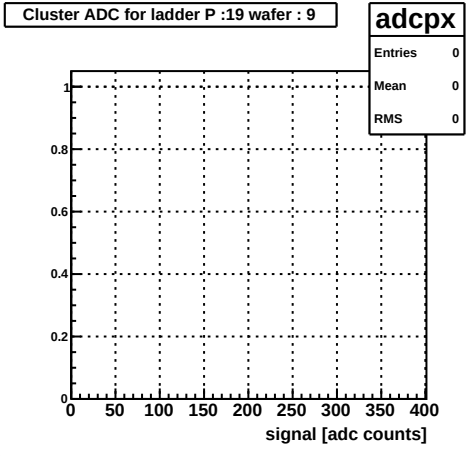

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

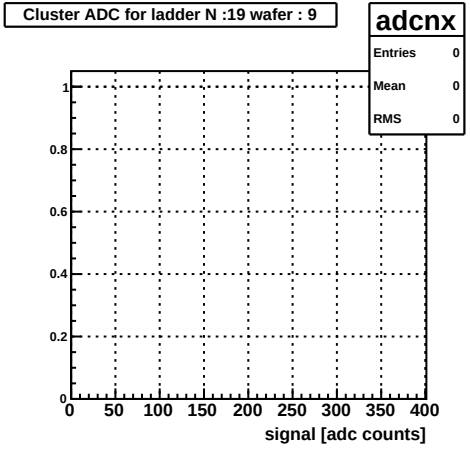

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

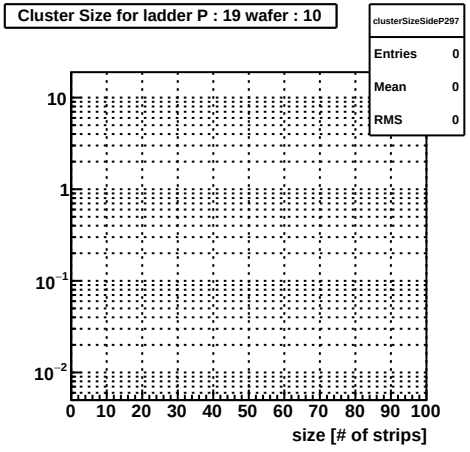

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

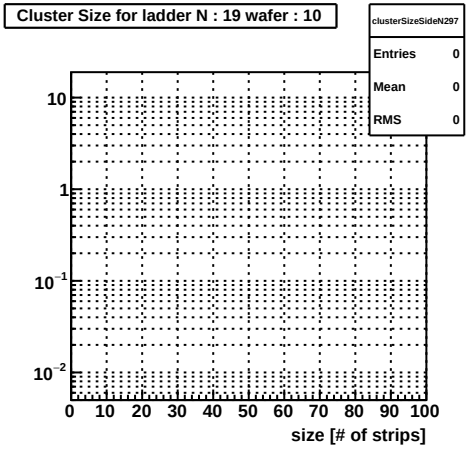

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

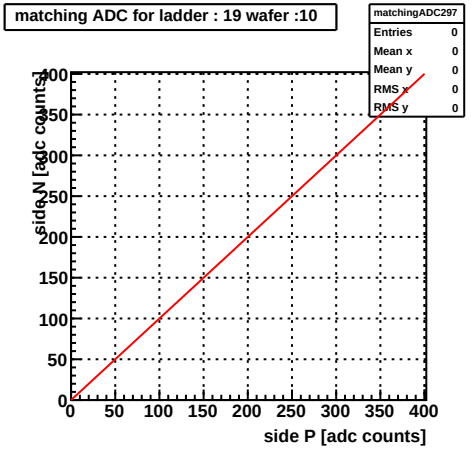

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

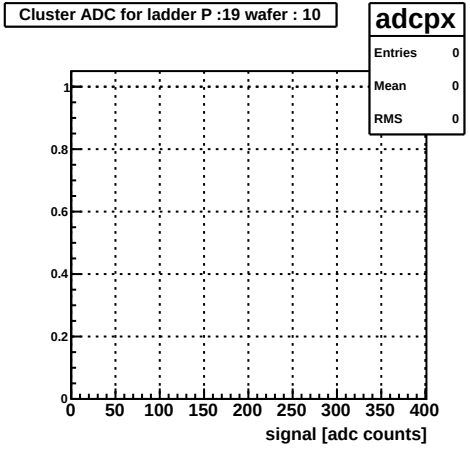

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

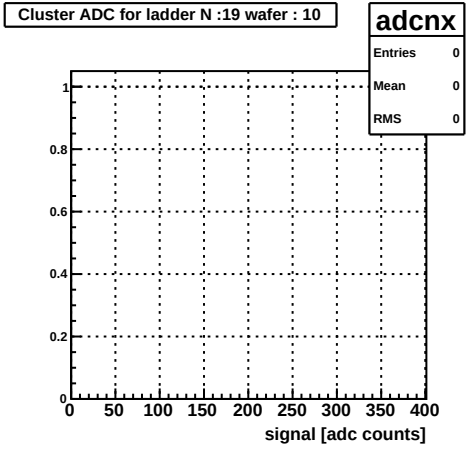

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

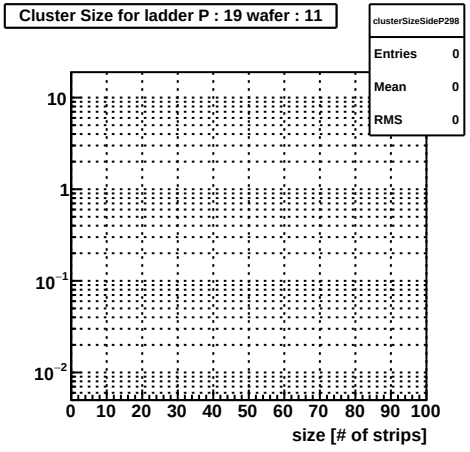

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

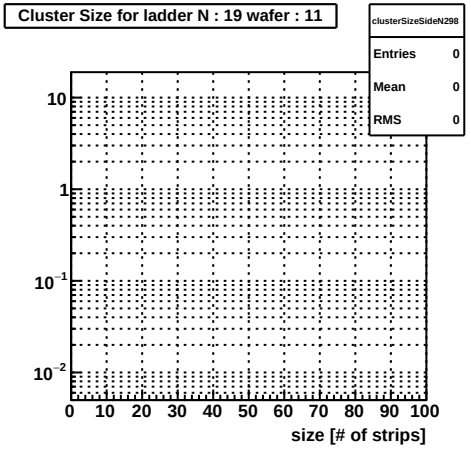

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

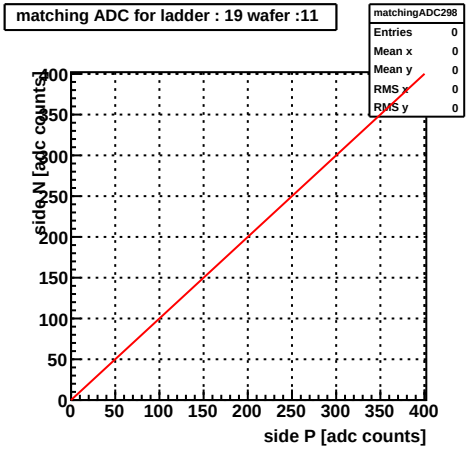

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

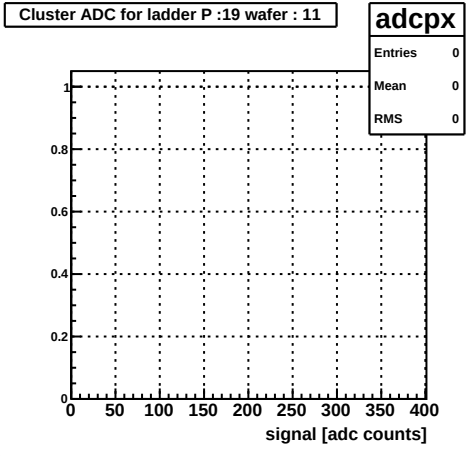

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

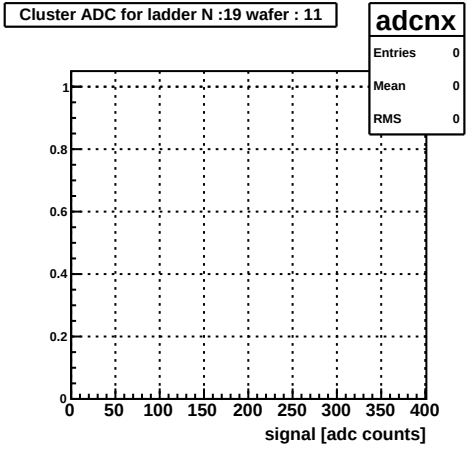

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

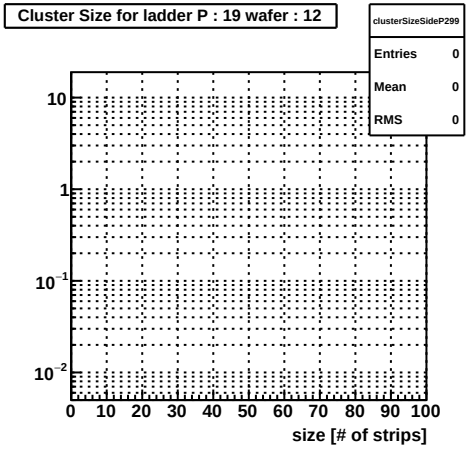

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

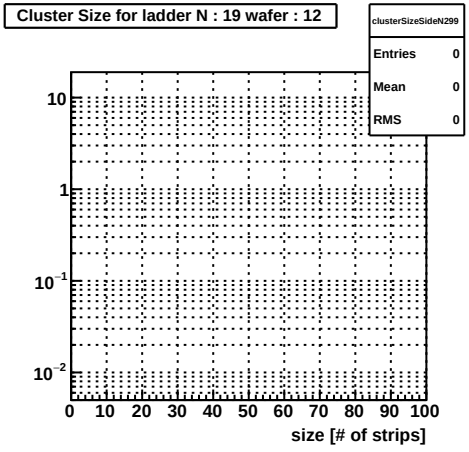

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

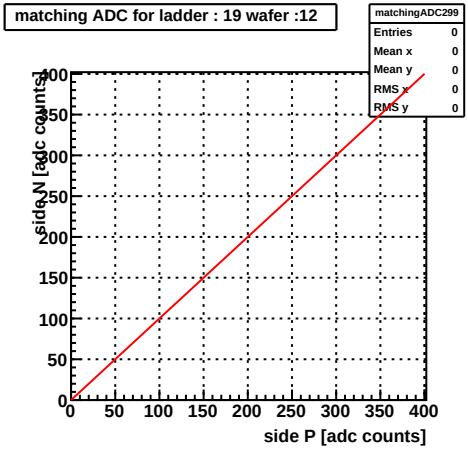

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

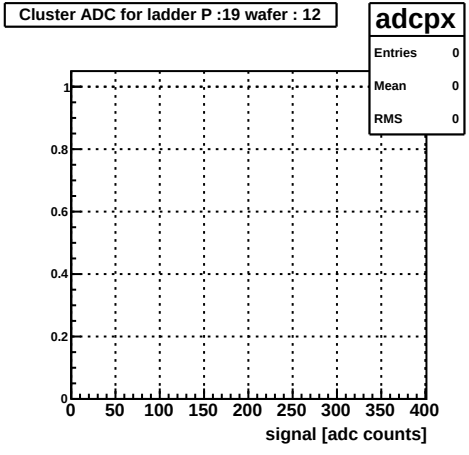

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

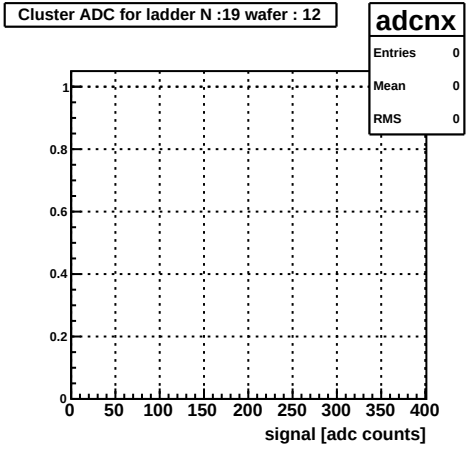

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

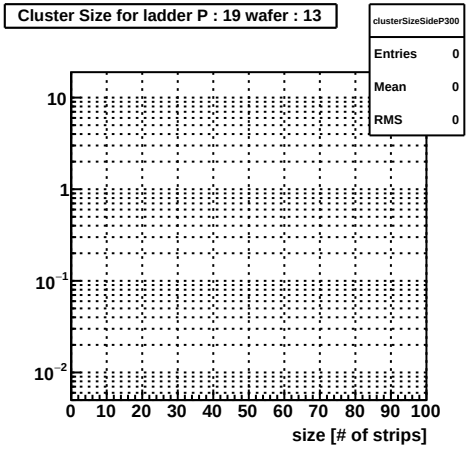

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

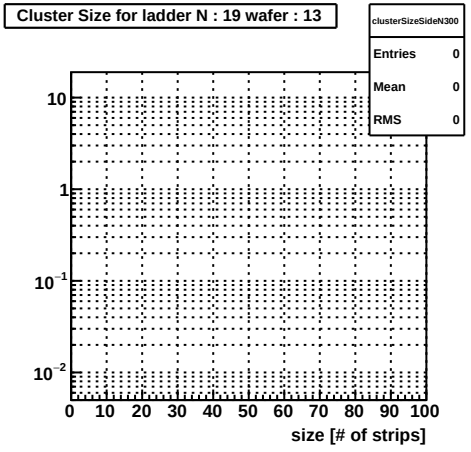

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

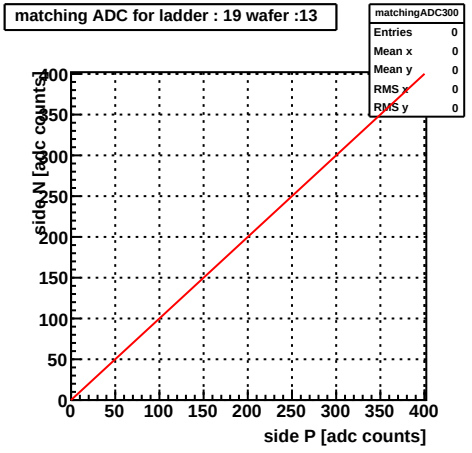

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

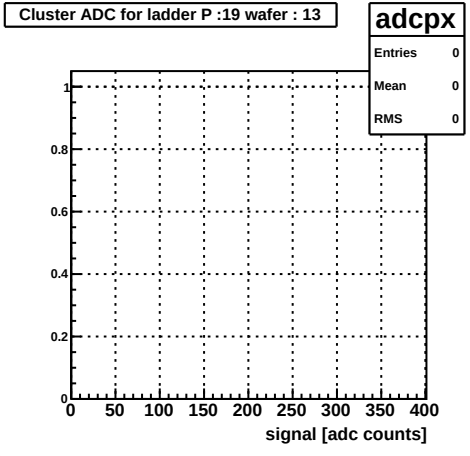

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

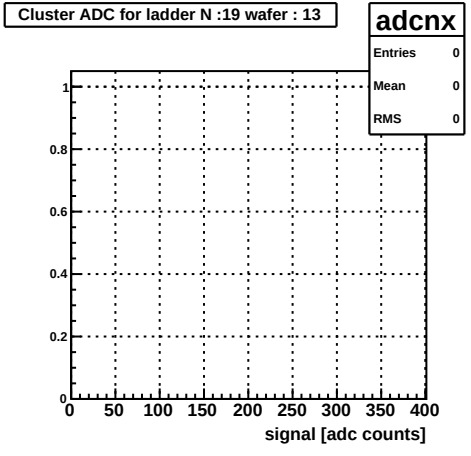

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

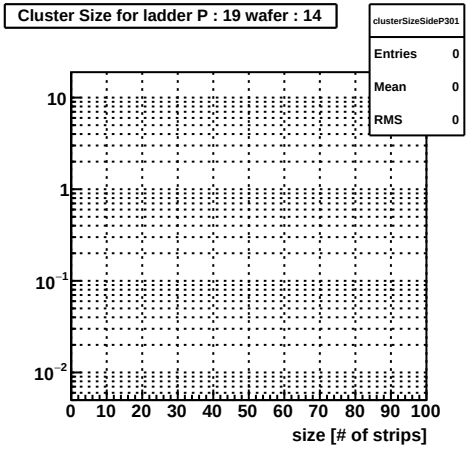

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

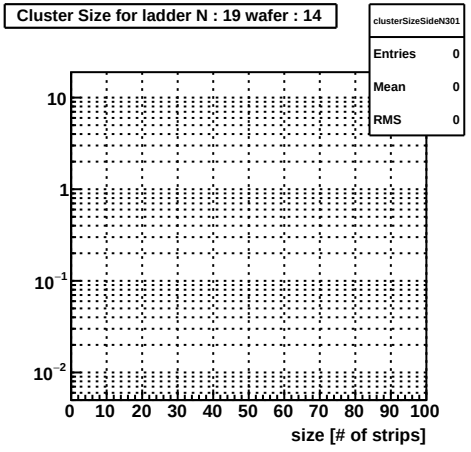

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

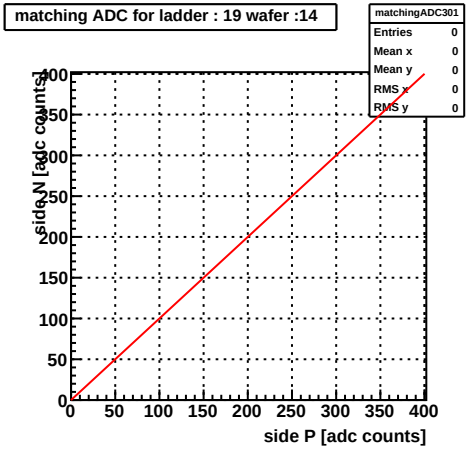

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

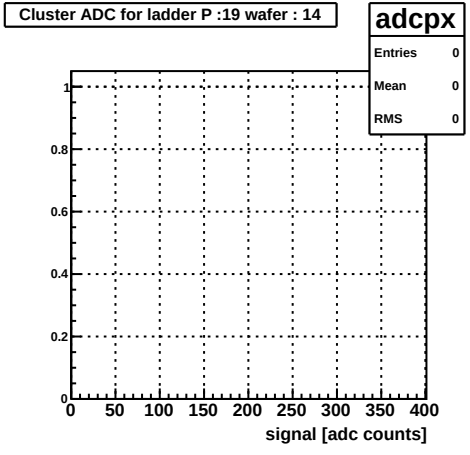

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

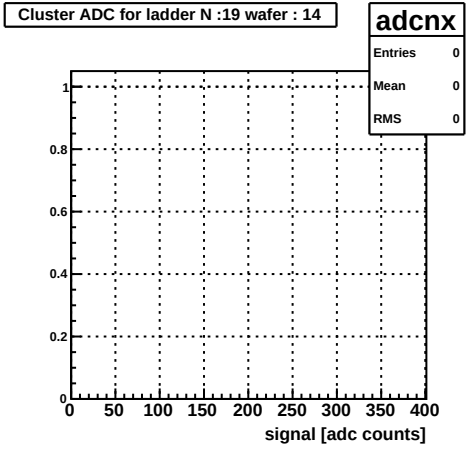

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

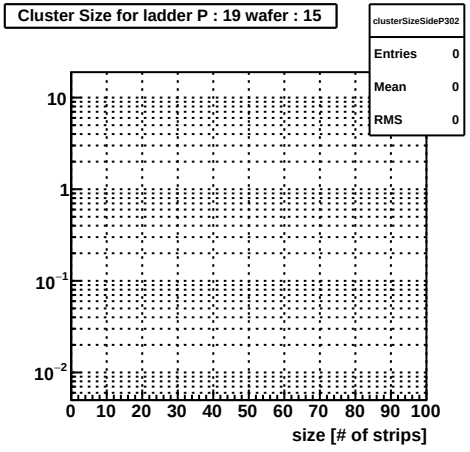

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

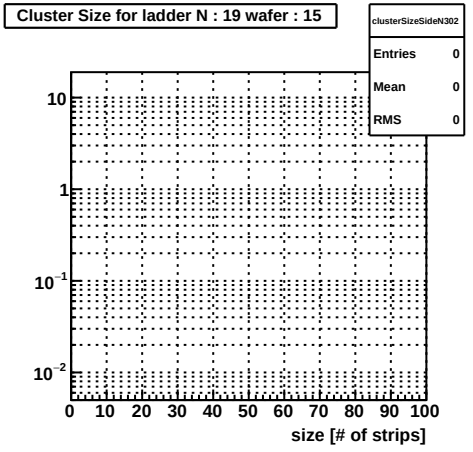

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

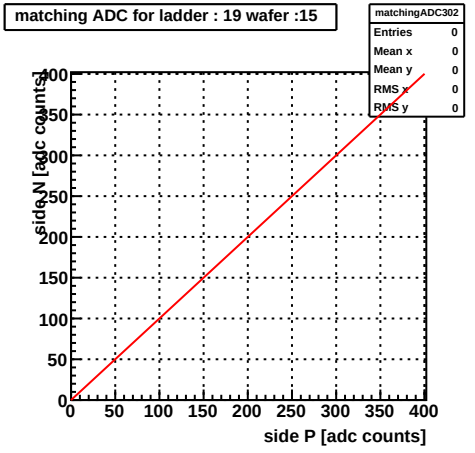

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

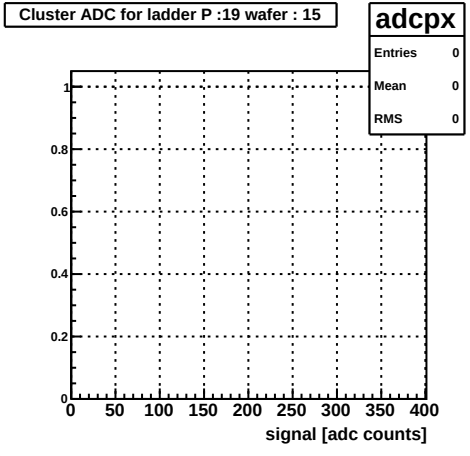

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

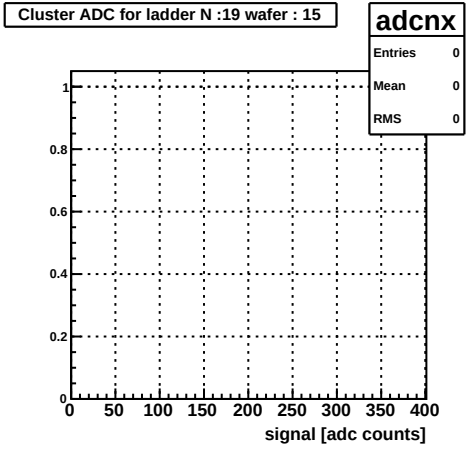

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

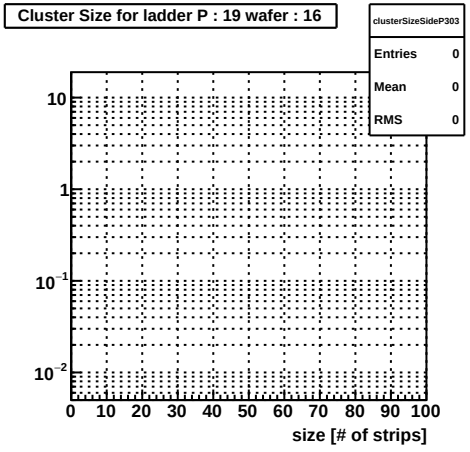

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

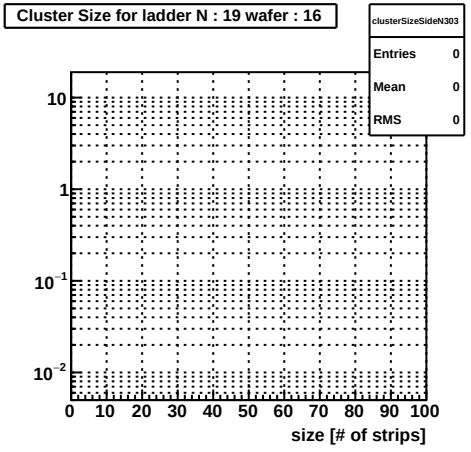

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

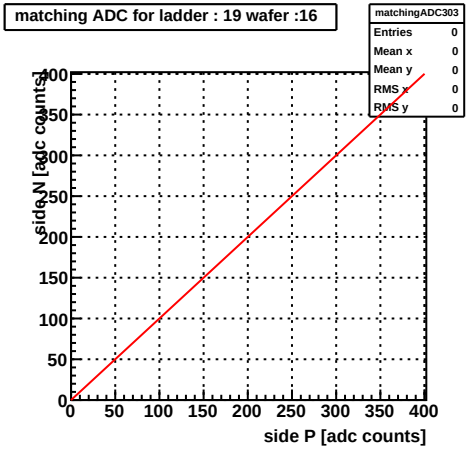

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

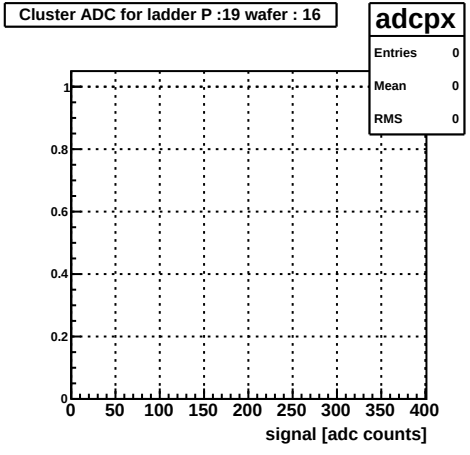

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

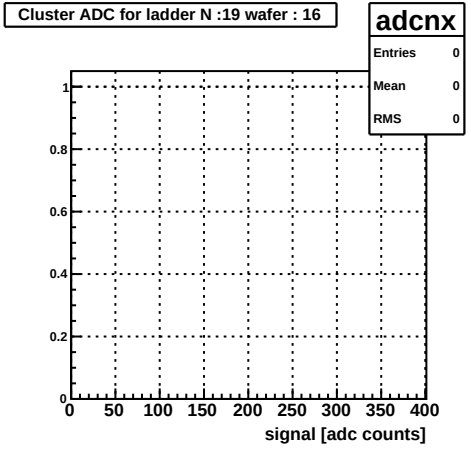

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

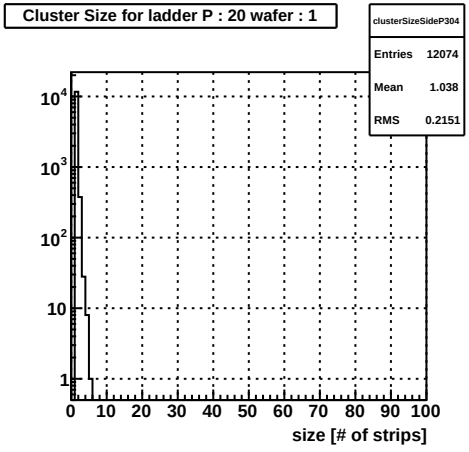

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

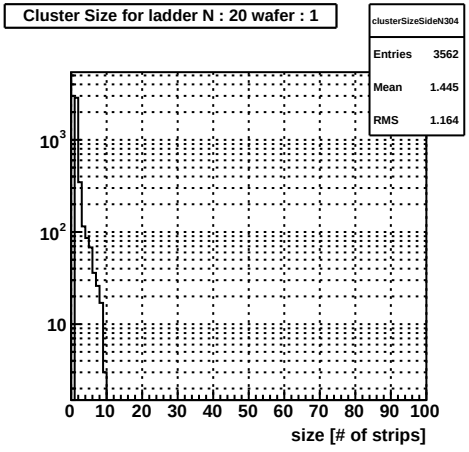

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

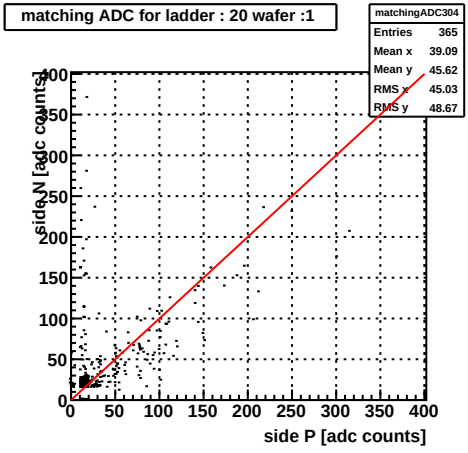

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

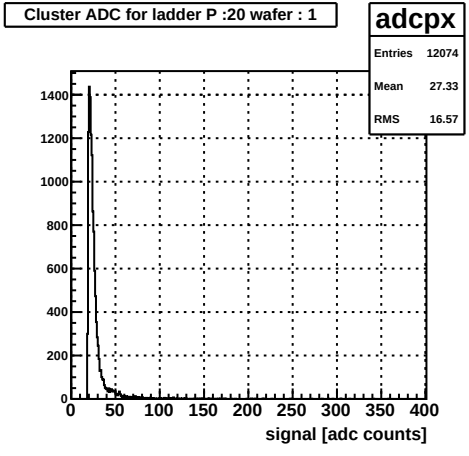

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

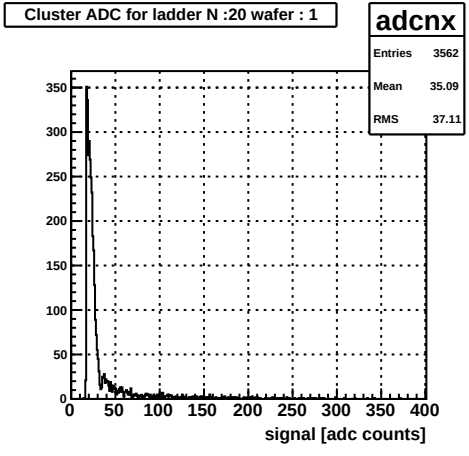

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

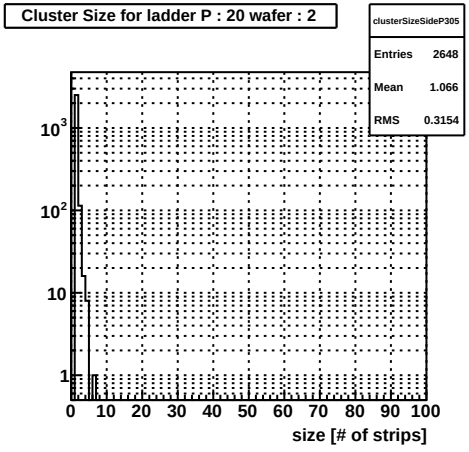

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 12074
Mean 1.038
RMS 0.2151
size [# of strips]

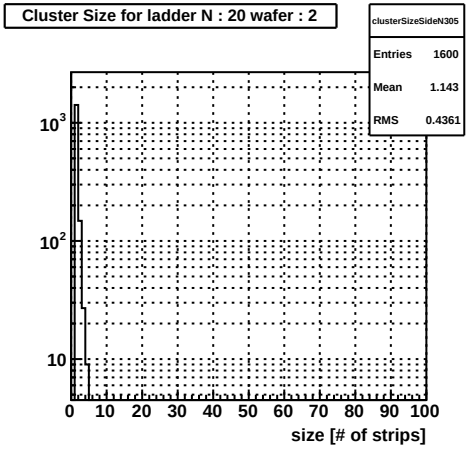

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3562
Mean 1.445
RMS 1.164
size [# of strips]

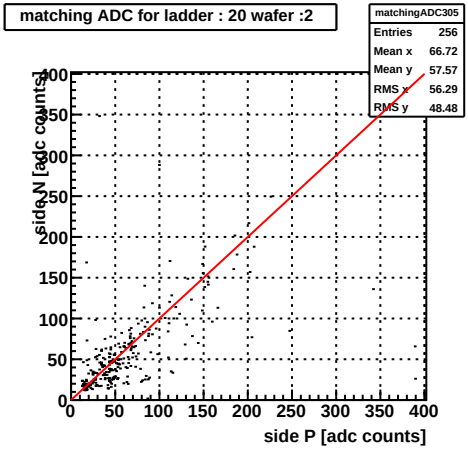

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 365
Mean x 39.09
Mean y 45.62
RMS x 45.03
RMS y 48.67
side N [adc counts]
side P [adc counts]

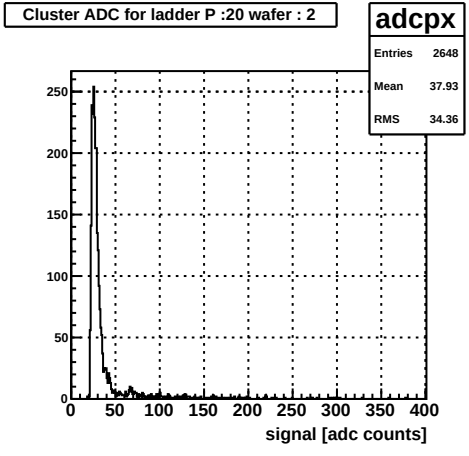

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 12074
Mean 27.33
RMS 16.57
signal [adc counts]

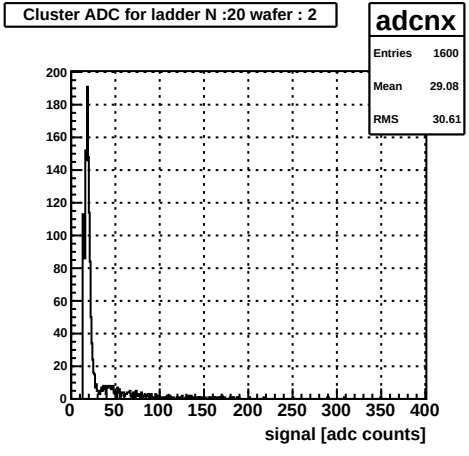

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3562
Mean 35.09
RMS 37.11
signal [adc counts]

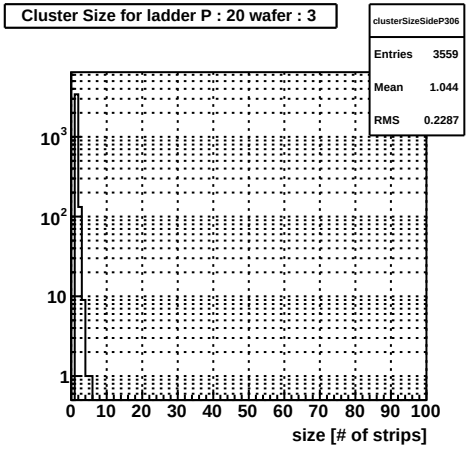

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2648
Mean 1.066
RMS 0.3154
size [# of strips]

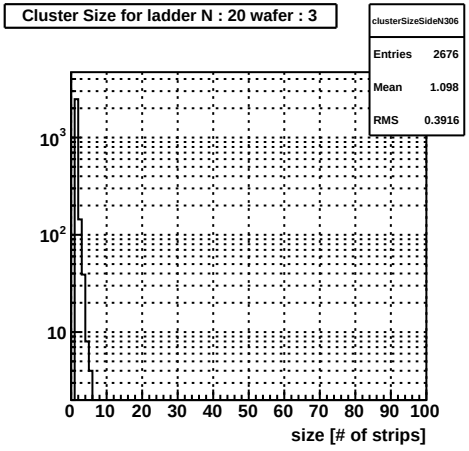

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1600
Mean 1.143
RMS 0.4361
size [# of strips]

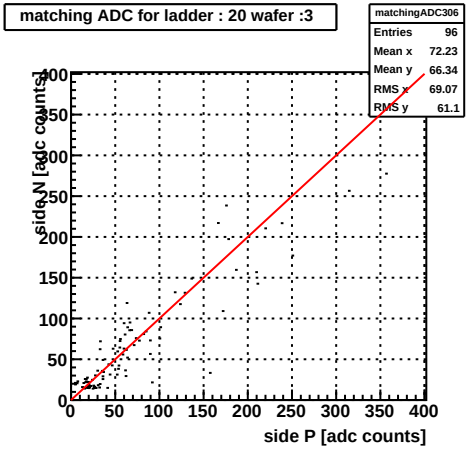

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 256
Mean x 66.72
Mean y 57.57
RMS x 56.29
RMS y 48.48
side N [adc counts]
side P [adc counts]

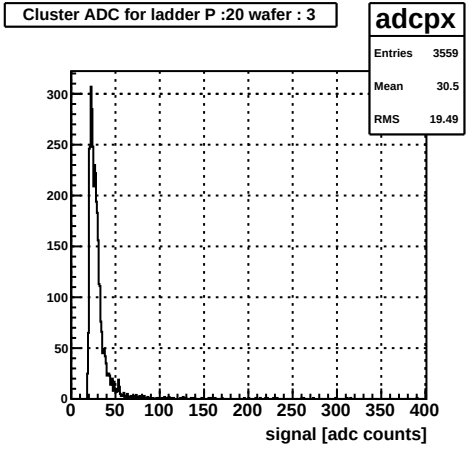

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2648
Mean 37.93
RMS 34.36
signal [adc counts]

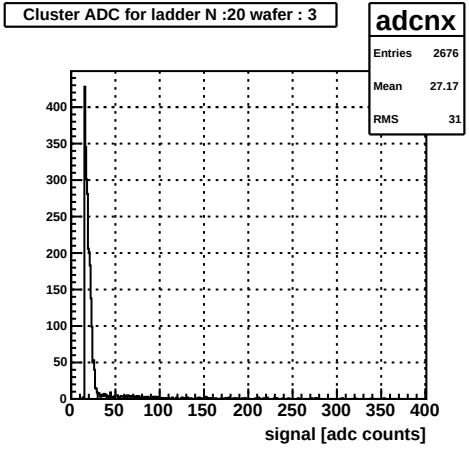

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1600
Mean 29.08
RMS 30.61
signal [adc counts]

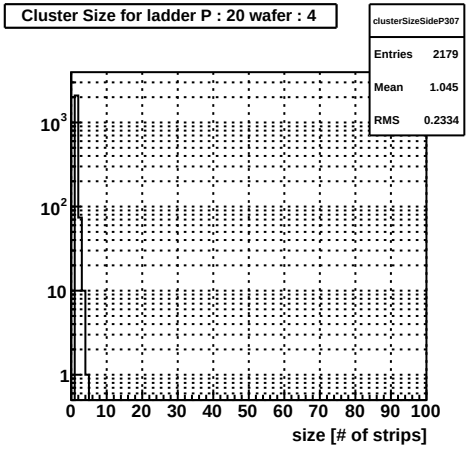

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3559
Mean 1.044
RMS 0.2287
size [# of strips]

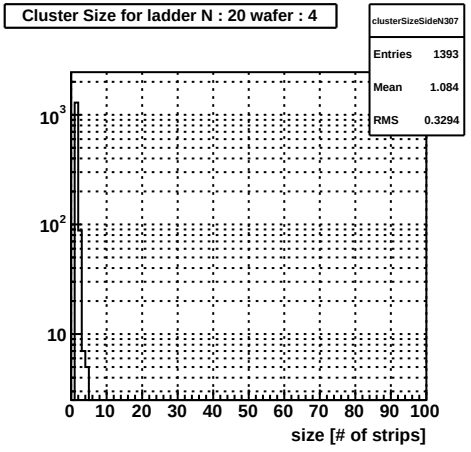

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2676
Mean 1.098
RMS 0.3916
size [# of strips]

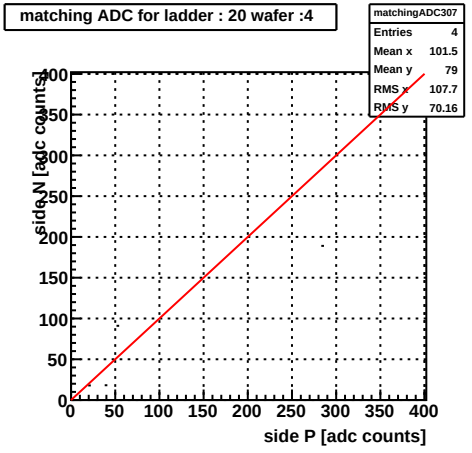

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 96
Mean x 72.23
Mean y 66.34
RMS x 69.07
RMS y 61.1
side N [adc counts]
side P [adc counts]

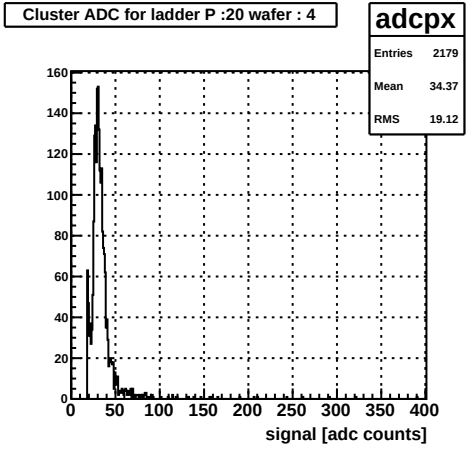

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3559
Mean 30.5
RMS 19.49
signal [adc counts]

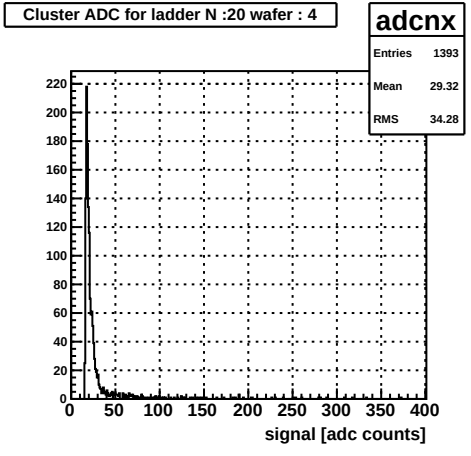

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2676
Mean 27.17
RMS 31
signal [adc counts]

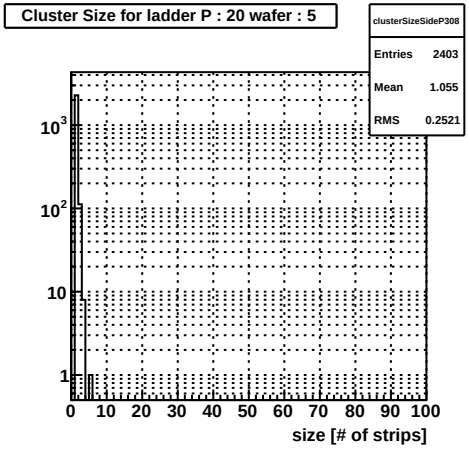

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2179
Mean 1.045
RMS 0.2334
size [# of strips]

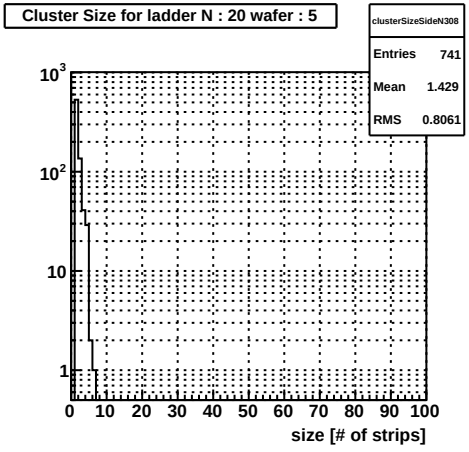

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1393
Mean 1.084
RMS 0.3294
size [# of strips]

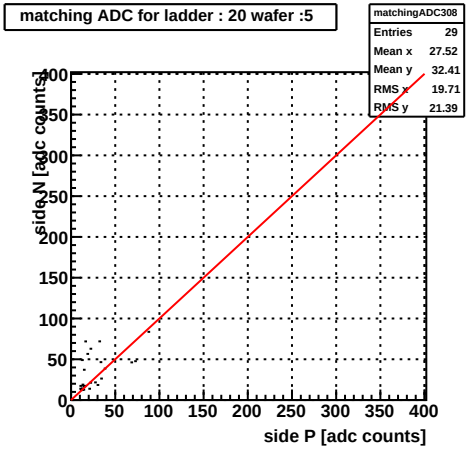

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 4
Mean x 101.5
Mean y 79
RMS x 107.7
RMS y 70.16
side N [adc counts]
side P [adc counts]

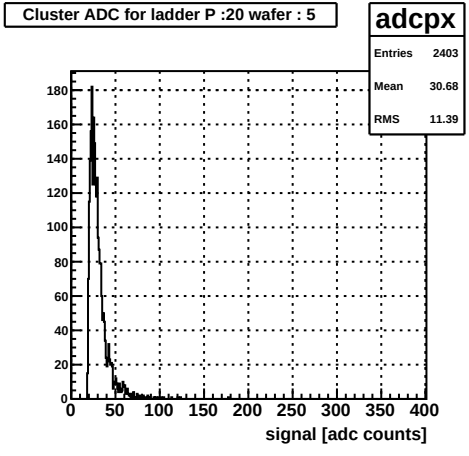

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2179
Mean 34.37
RMS 19.12
signal [adc counts]

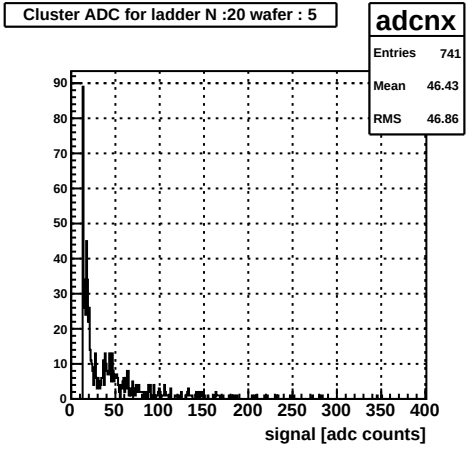

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1393
Mean 29.32
RMS 34.28
signal [adc counts]

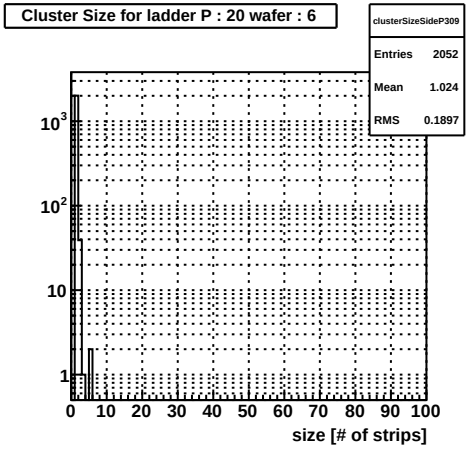

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2403
Mean 1.055
RMS 0.2521
size [# of strips]

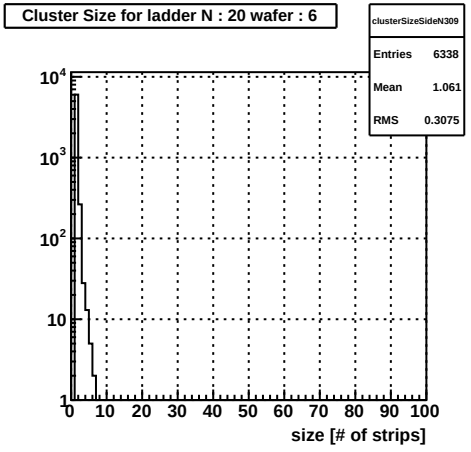

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 741
Mean 1.429
RMS 0.8061
size [# of strips]

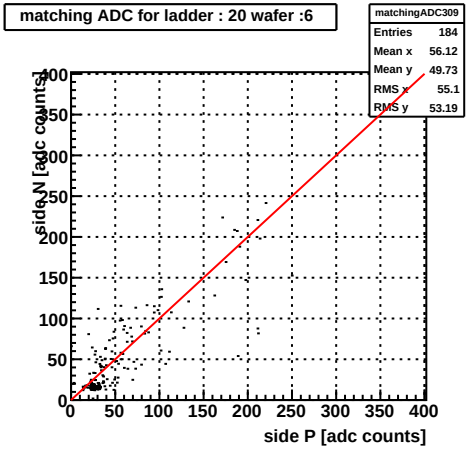

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 29
Mean x 27.52
Mean y 32.41
RMS x 19.71
RMS y 21.39
side N [adc counts]
side P [adc counts]

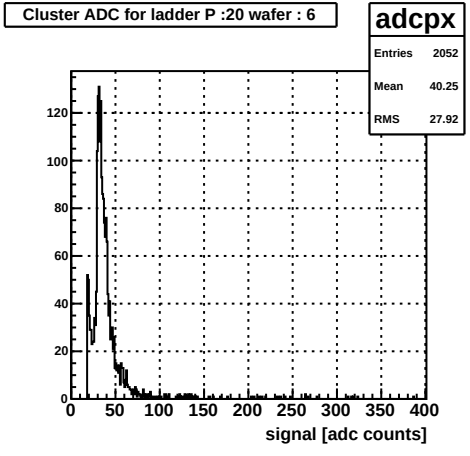

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2403
Mean 30.68
RMS 11.39
signal [adc counts]

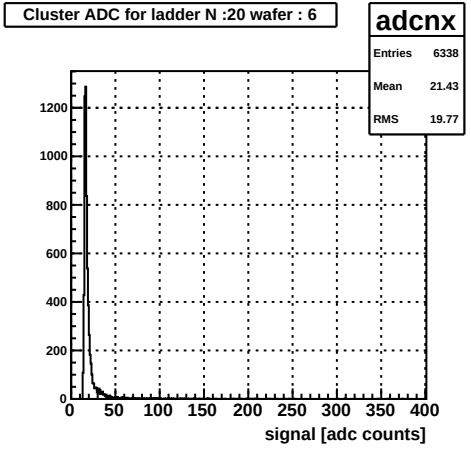

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 741
Mean 46.43
RMS 46.86
signal [adc counts]

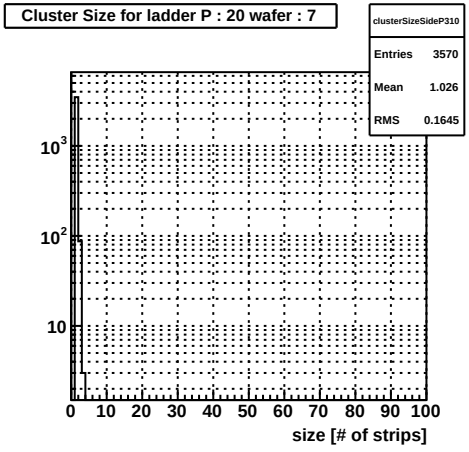

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2052
Mean 1.024
RMS 0.1897
size [# of strips]

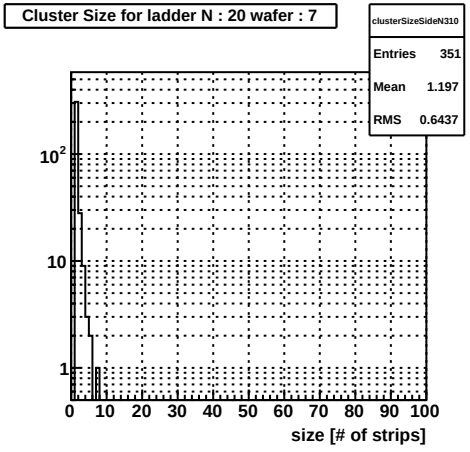

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 6338
Mean 1.061
RMS 0.3075
size [# of strips]

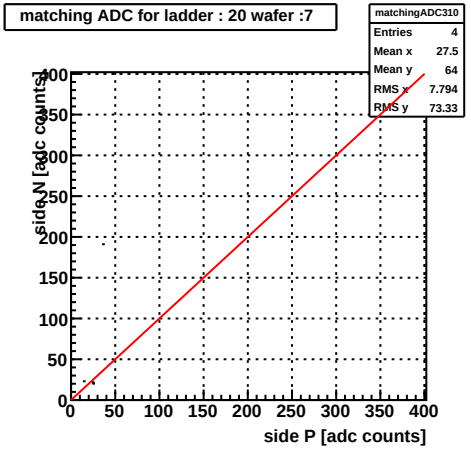

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 184
Mean x 56.12
Mean y 49.73
RMS x 55.1
RMS y 53.19
side N [adc counts]
side P [adc counts]

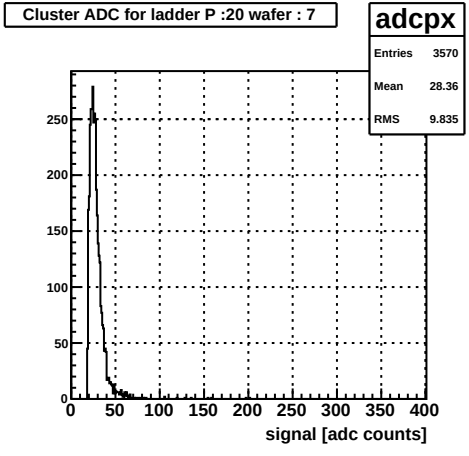

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2052
Mean 40.25
RMS 27.92
signal [adc counts]

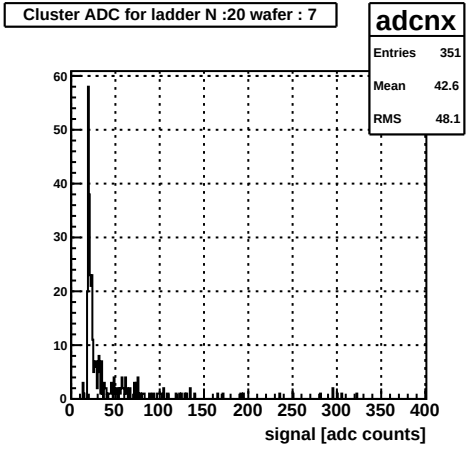

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 6338
Mean 21.43
RMS 19.77
signal [adc counts]

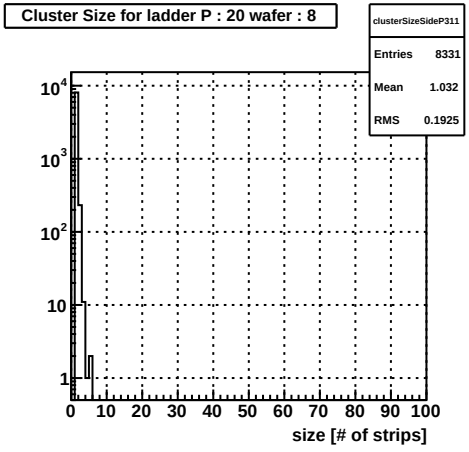

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3570
Mean 1.026
RMS 0.1645
size [# of strips]

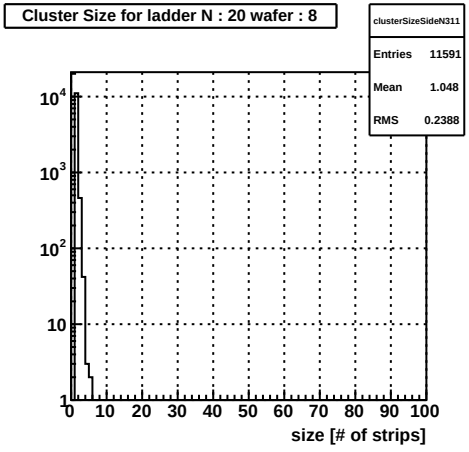

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 351
Mean 1.197
RMS 0.6437
size [# of strips]

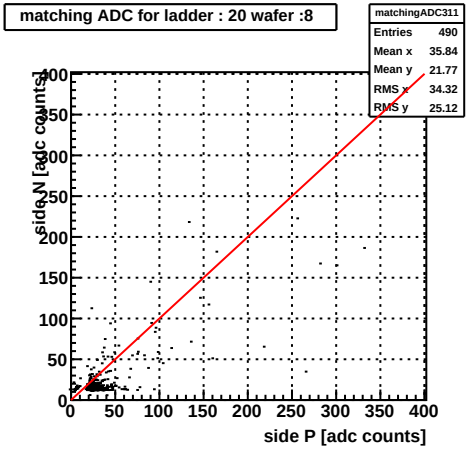

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 27.5
Mean y 64
RMS x 7.794
RMS y 73.33
side N [adc counts]
side P [adc counts]

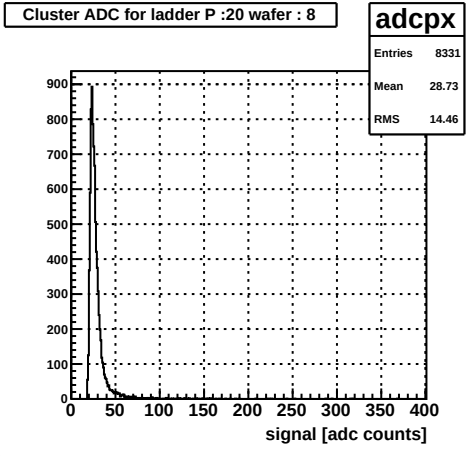

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3570
Mean 28.36
RMS 9.835
signal [adc counts]

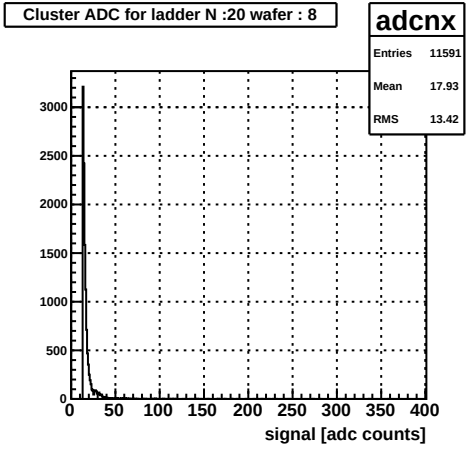

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 351
Mean 42.6
RMS 48.1
signal [adc counts]

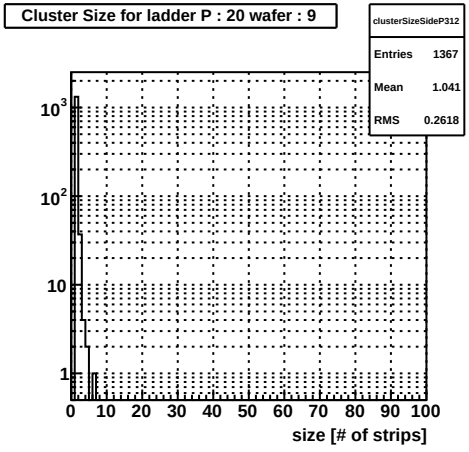

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8331
Mean 1.032
RMS 0.1925
size [# of strips]

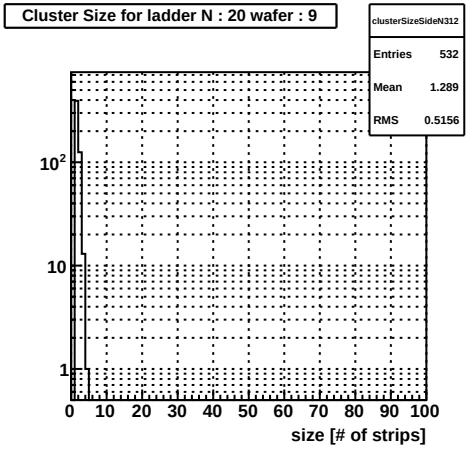

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11591
Mean 1.048
RMS 0.2388
size [# of strips]

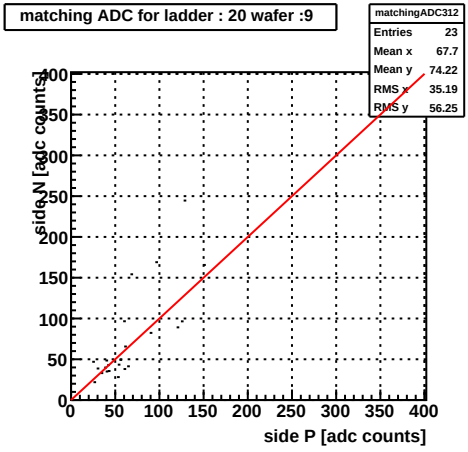

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 490
Mean x 35.84
Mean y 21.77
RMS x 34.32
RMS y 25.12
side N [adc counts]
side P [adc counts]

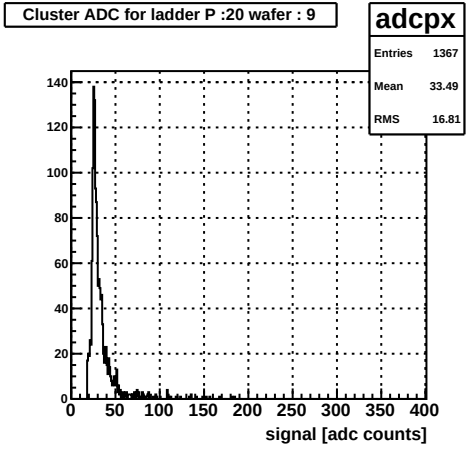

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8331
Mean 28.73
RMS 14.46
signal [adc counts]

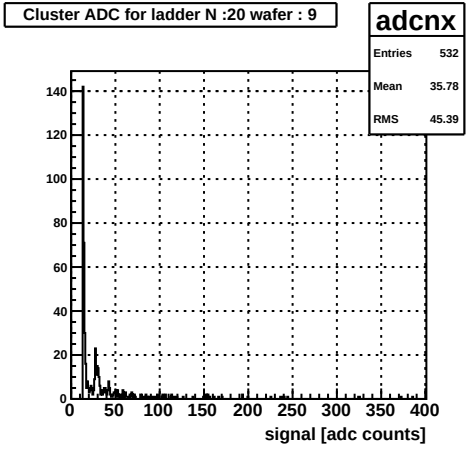

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11591
Mean 17.93
RMS 13.42
signal [adc counts]

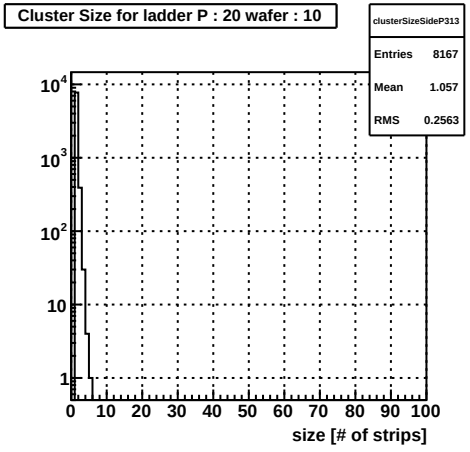

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1367
Mean 1.041
RMS 0.2618
size [# of strips]

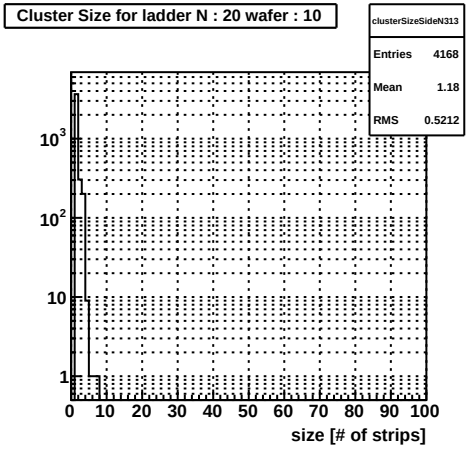

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 532
Mean 1.289
RMS 0.5156
size [# of strips]

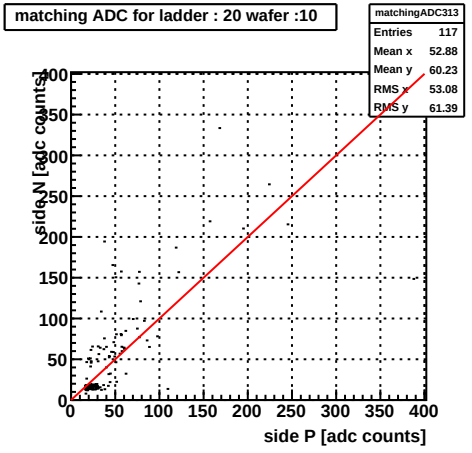

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 23
Mean x 67.7
Mean y 74.22
RMS x 35.19
RMS y 56.25
side N [adc counts]
side P [adc counts]

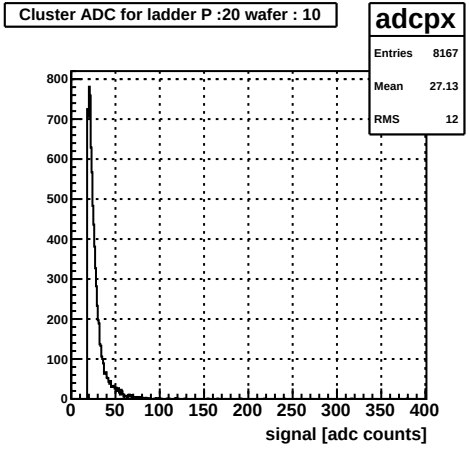

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1367
Mean 33.49
RMS 16.81
signal [adc counts]

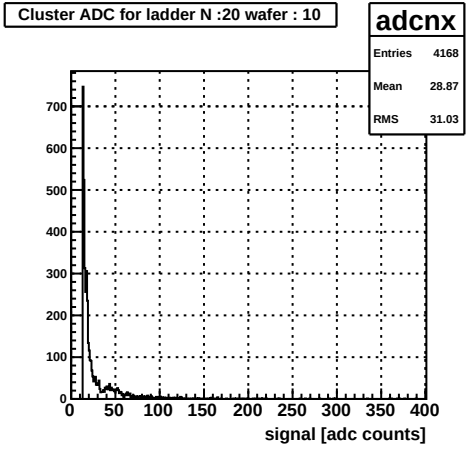

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 532
Mean 35.78
RMS 45.39
signal [adc counts]

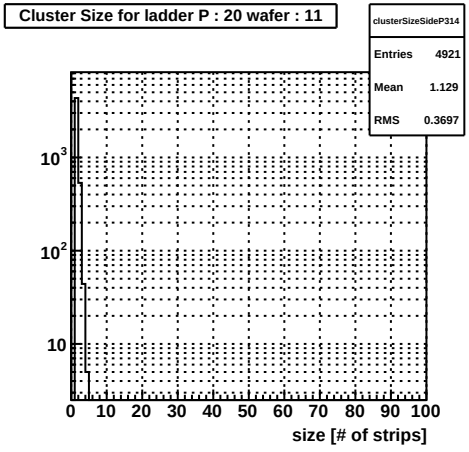

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 8167
Mean 1.057
RMS 0.2563
size [# of strips]

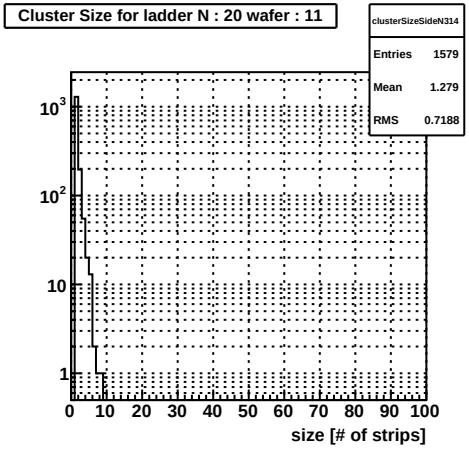

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4168
Mean 1.18
RMS 0.5212
size [# of strips]

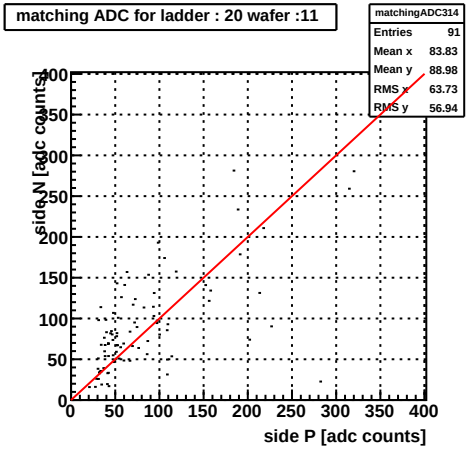

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 117
Mean x 52.88
Mean y 60.23
RMS x 53.08
RMS y 61.39
side N [adc counts]
side P [adc counts]

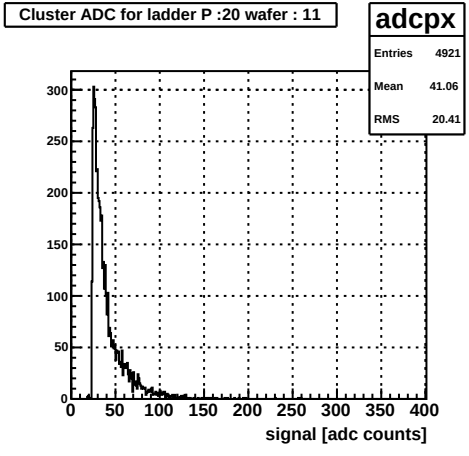

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 8167
Mean 27.13
RMS 12
signal [adc counts]

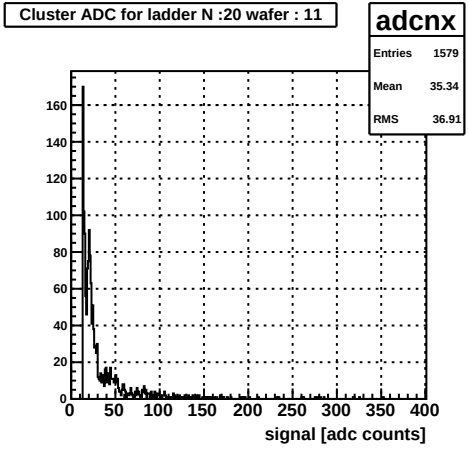

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4168
Mean 28.87
RMS 31.03
signal [adc counts]

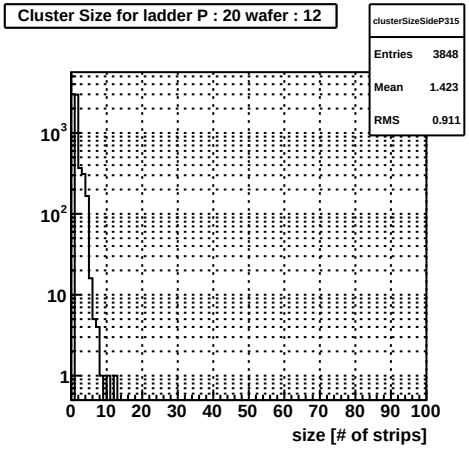

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4921
Mean 1.129
RMS 0.3697
size [# of strips]

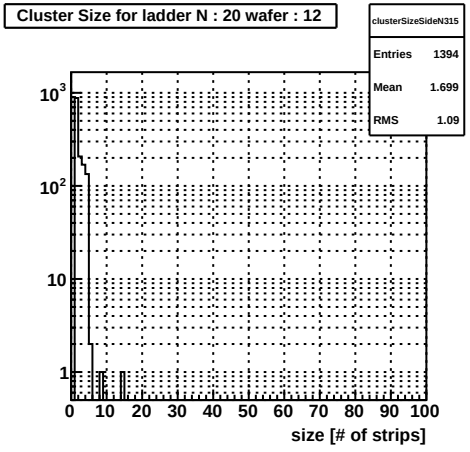

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1579
Mean 1.279
RMS 0.7188
size [# of strips]

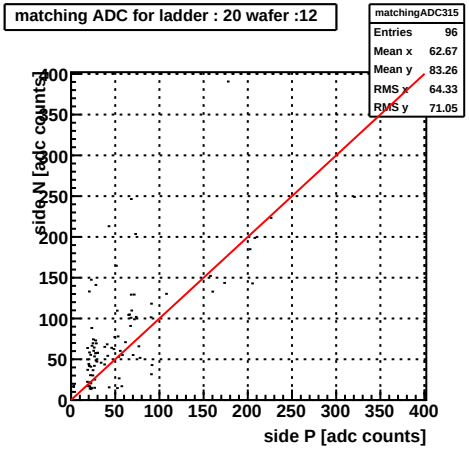

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 91
Mean x 83.83
Mean y 88.98
RMS x 63.73
RMS y 56.94
side N [adc counts]
side P [adc counts]

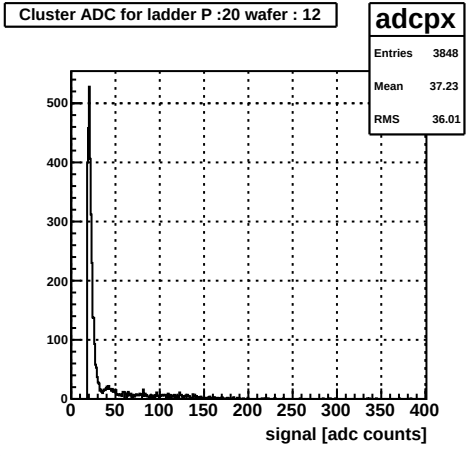

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4921
Mean 41.06
RMS 20.41
signal [adc counts]

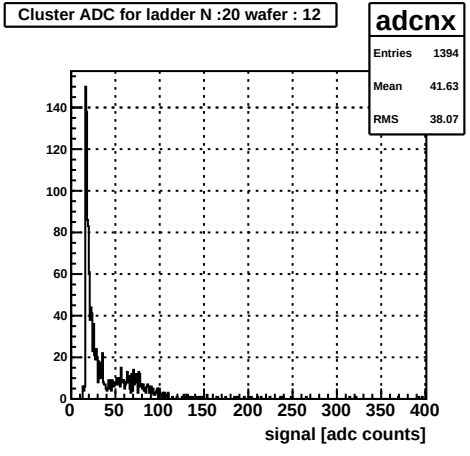

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1579
Mean 35.34
RMS 36.91
signal [adc counts]

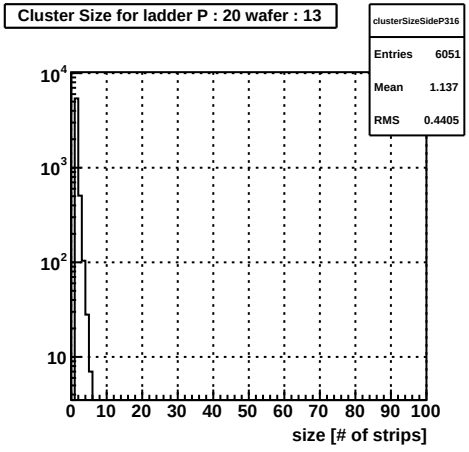

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3848
Mean 1.423
RMS 0.911
size [# of strips]

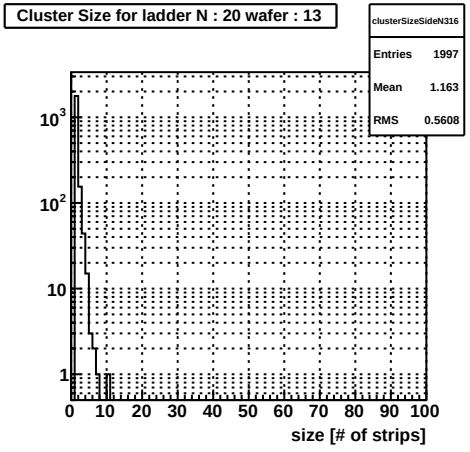

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1394
Mean 1.699
RMS 1.09
size [# of strips]

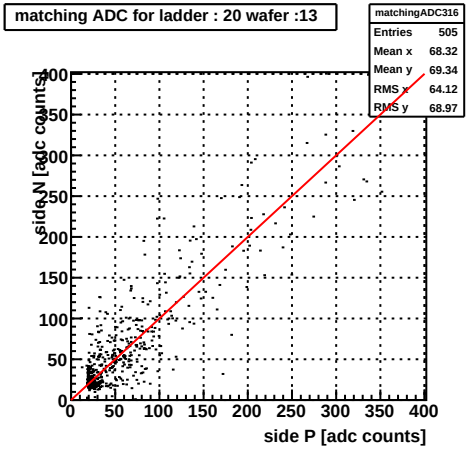

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 96
Mean x 62.67
Mean y 83.26
RMS x 64.33
RMS y 71.05
side N [adc counts]
side P [adc counts]

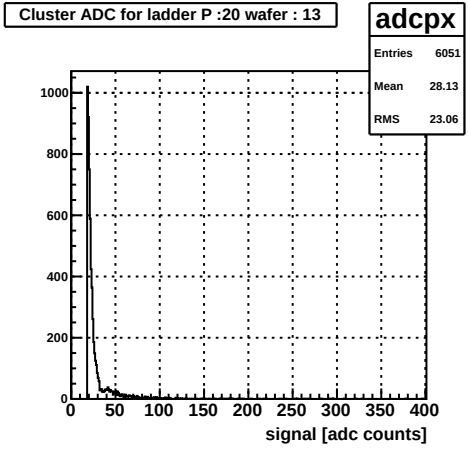

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3848
Mean 37.23
RMS 36.01
signal [adc counts]

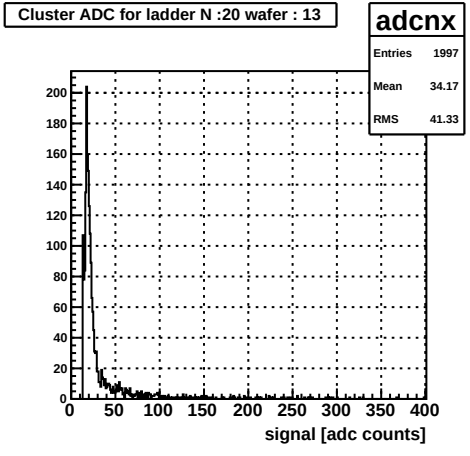

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1394
Mean 41.63
RMS 38.07
signal [adc counts]

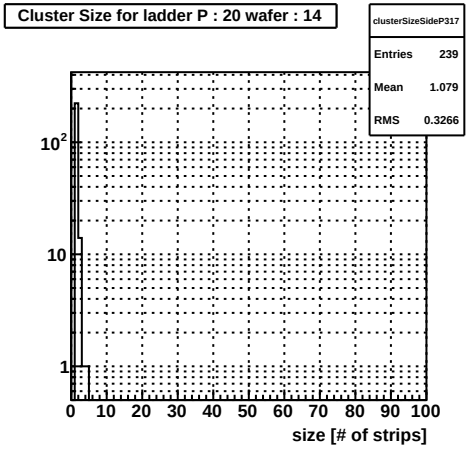

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6051
Mean 1.137
RMS 0.4405
size [# of strips]

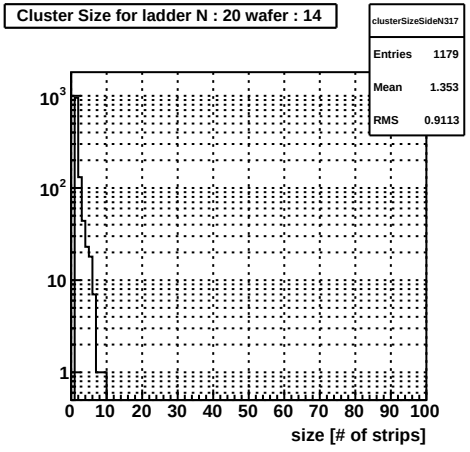

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1997
Mean 1.163
RMS 0.5608
size [# of strips]

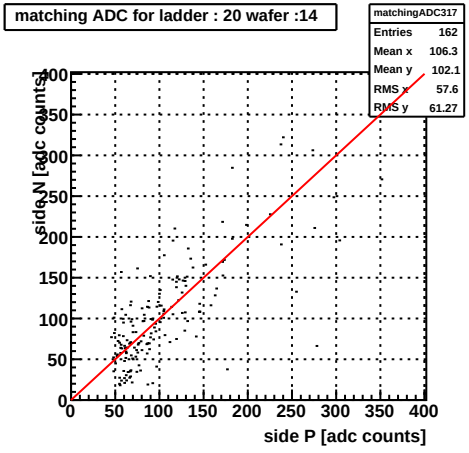

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 505
Mean x 68.32
Mean y 69.34
RMS x 64.12
RMS y 68.97
side N [adc counts]
side P [adc counts]

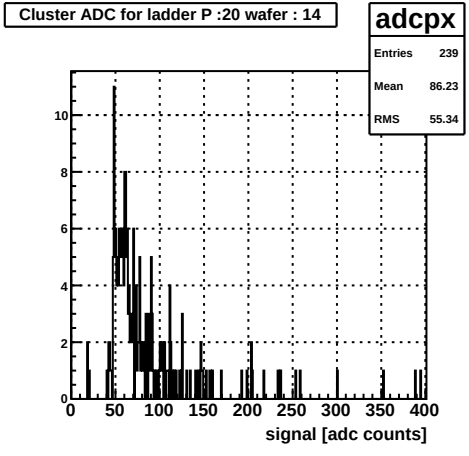

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6051
Mean 28.13
RMS 23.06
signal [adc counts]

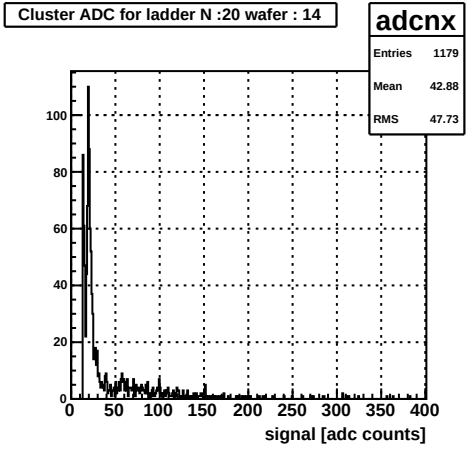

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1997
Mean 34.17
RMS 41.33
signal [adc counts]

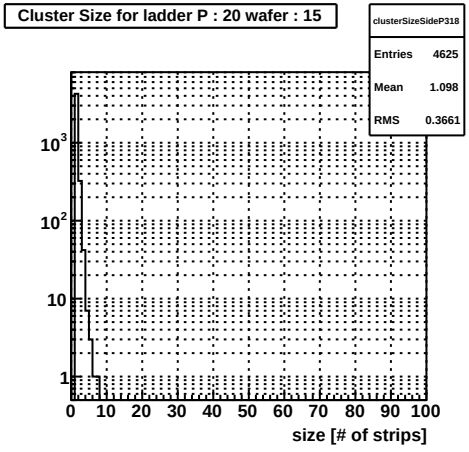

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 239
Mean 1.079
RMS 0.3266
size [# of strips]

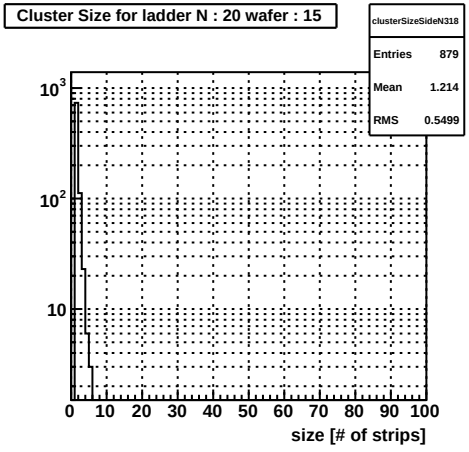

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1179
Mean 1.353
RMS 0.9113
size [# of strips]

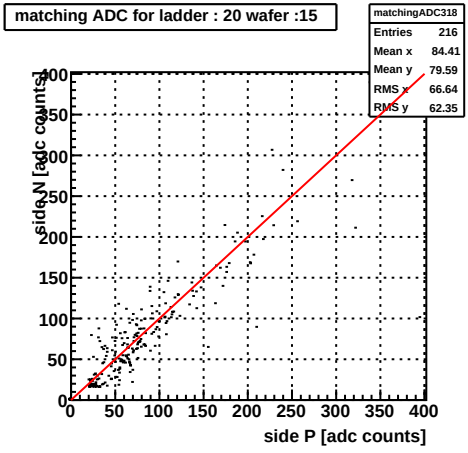

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 162
Mean x 106.3
Mean y 102.1
RMS x 57.6
RMS y 61.27
side N [adc counts]
side P [adc counts]

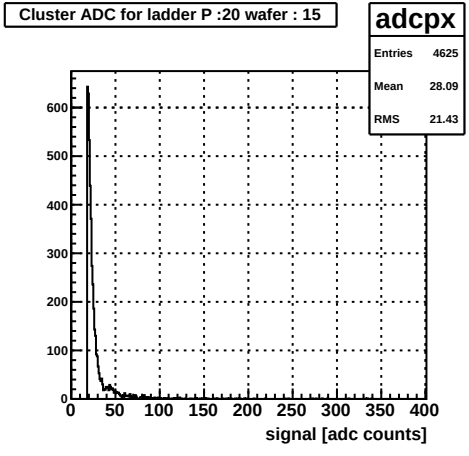

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 239
Mean 86.23
RMS 55.34
signal [adc counts]

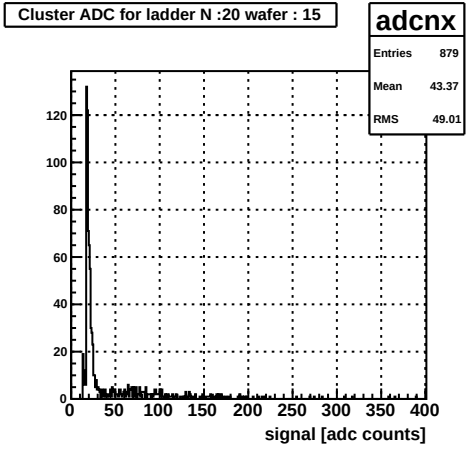

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1179
Mean 42.88
RMS 47.73
signal [adc counts]

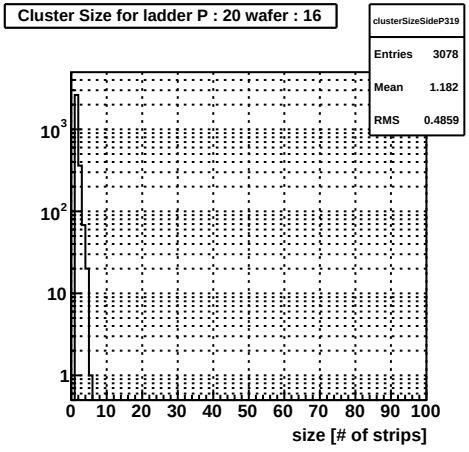

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 4625
Mean 1.098
RMS 0.3661
size [# of strips]

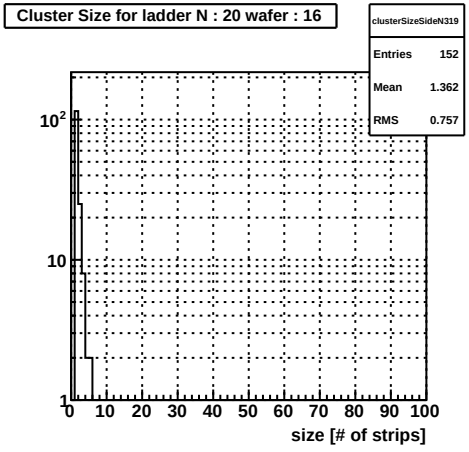

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 879
Mean 1.214
RMS 0.5499
size [# of strips]

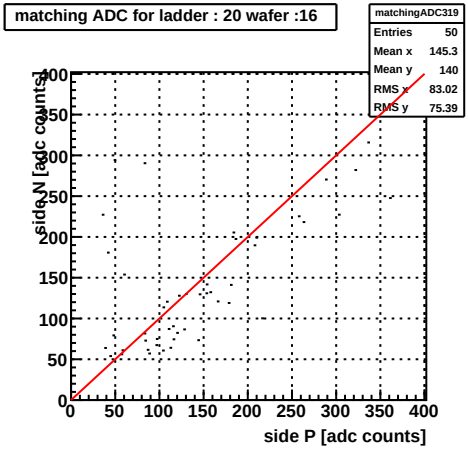

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 216
Mean x 84.41
Mean y 79.59
RMS x 66.64
RMS y 62.35
side N [adc counts]
side P [adc counts]

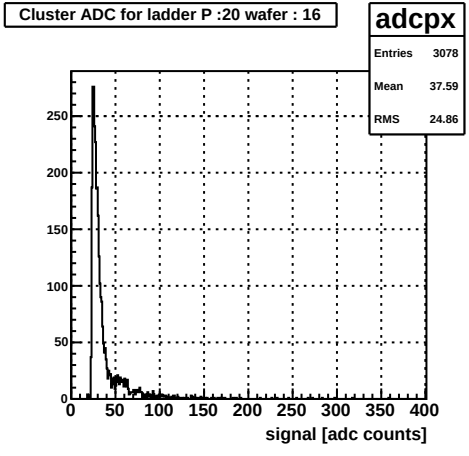

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 4625
Mean 28.09
RMS 21.43
signal [adc counts]

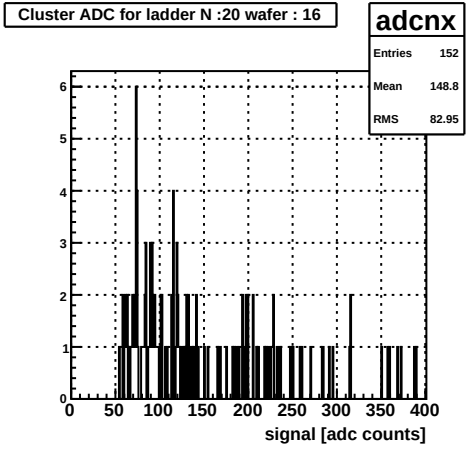

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 879
Mean 43.37
RMS 49.01
signal [adc counts]

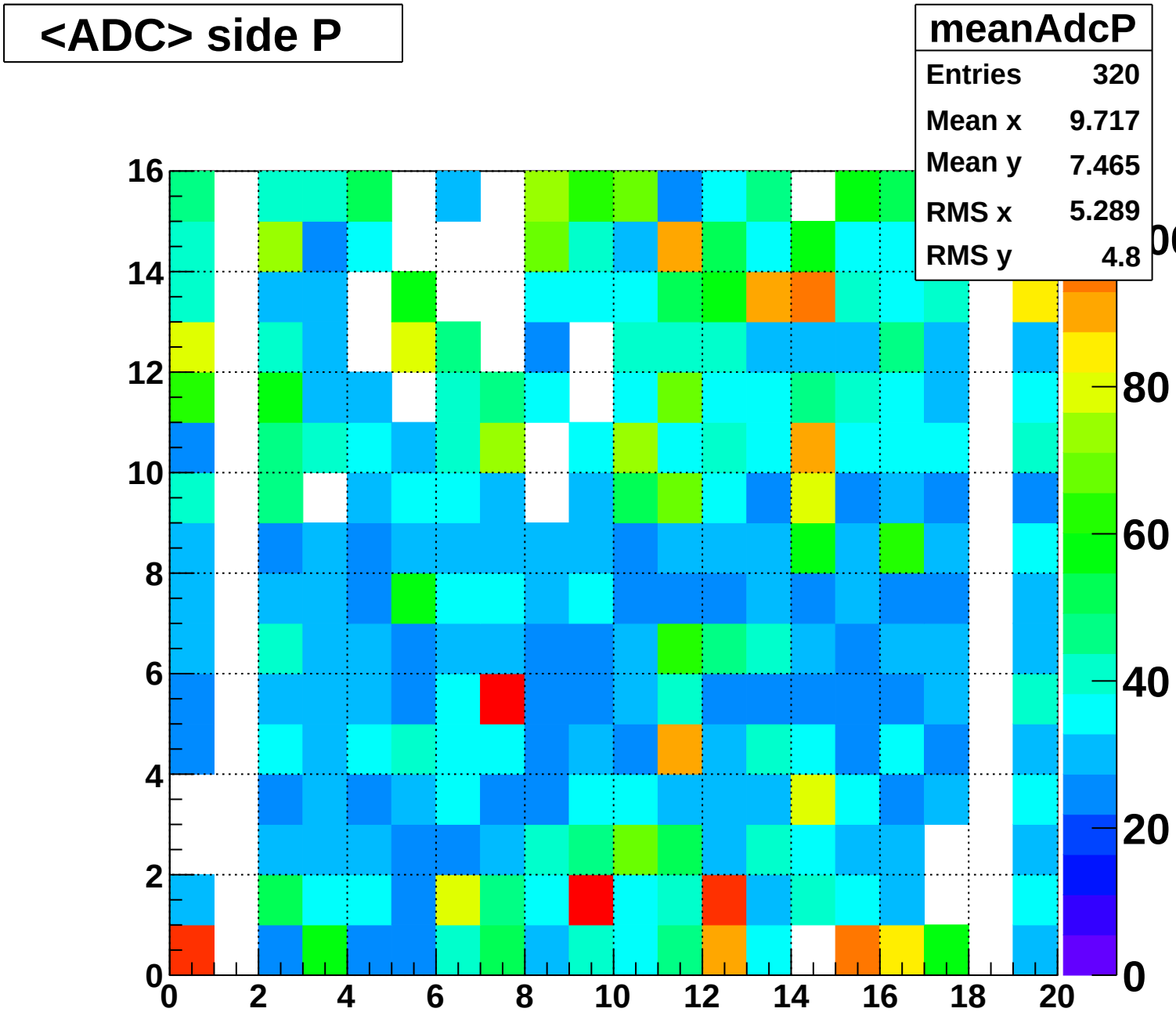

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3078
Mean 1.182
RMS 0.4859
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 152
Mean 1.362
RMS 0.757
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 50
Mean x 145.3
Mean y 140
RMS x 83.02
RMS y 75.39
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3078
Mean 37.59
RMS 24.86
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 152
Mean 148.8
RMS 82.95
signal [adc counts]



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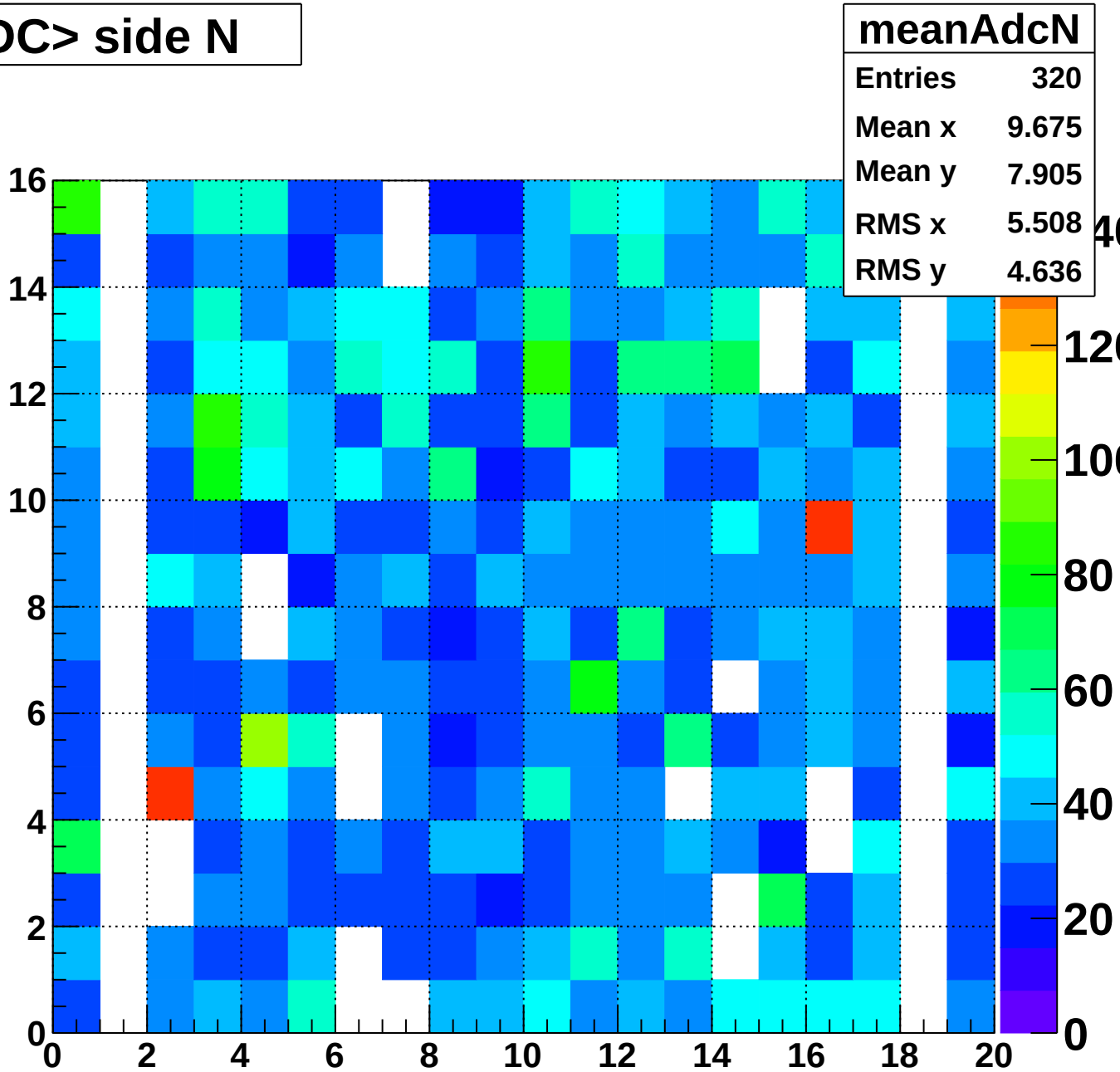
<ADC> side N



2016-05-26 18:02:45