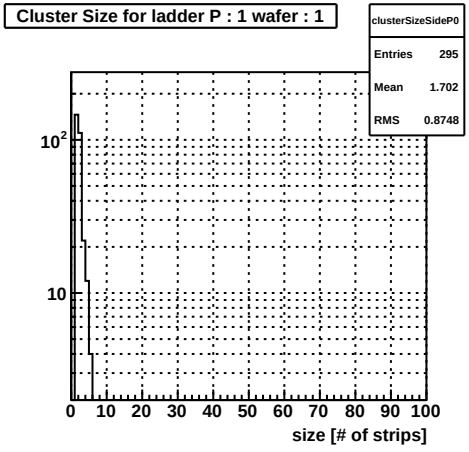
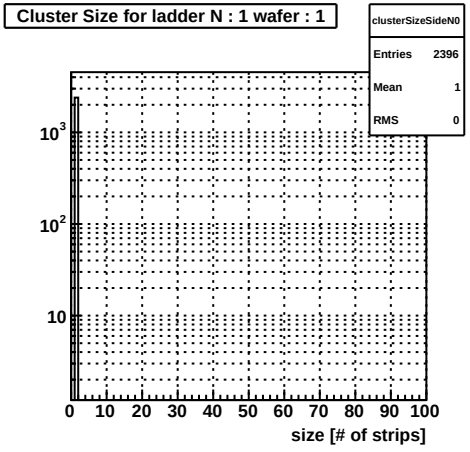
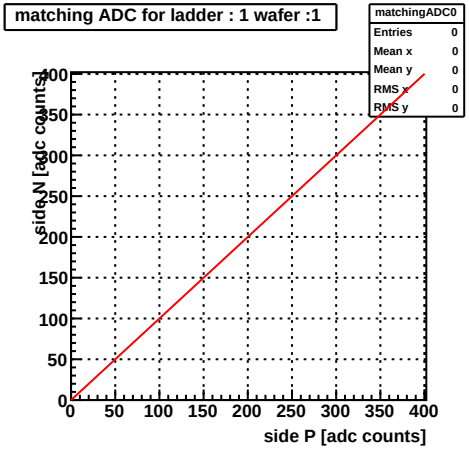
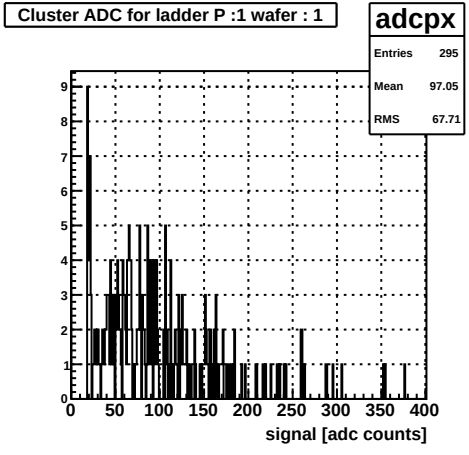
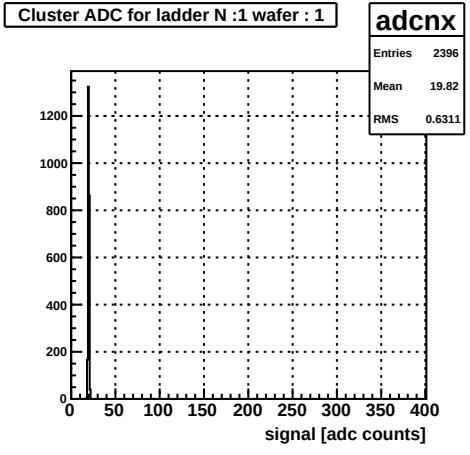
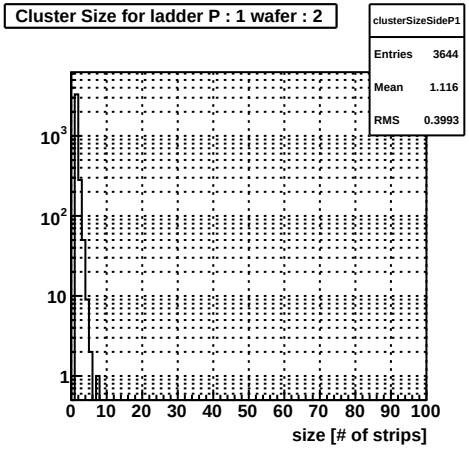

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 295
Mean 1.702
RMS 0.8748
size [# of strips]

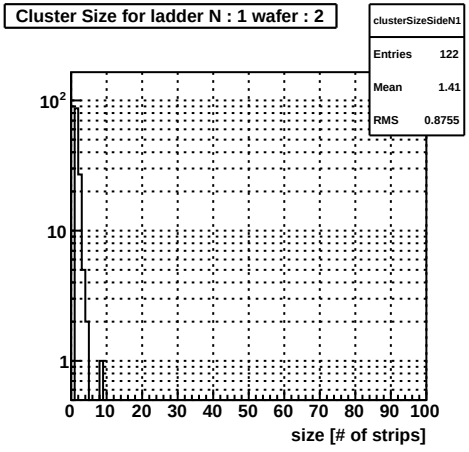

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2396
Mean 1
RMS 0
size [# of strips]

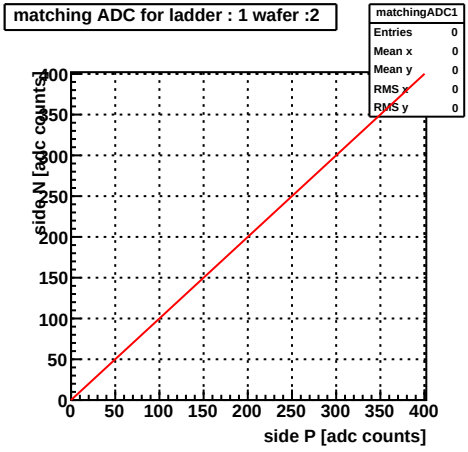

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

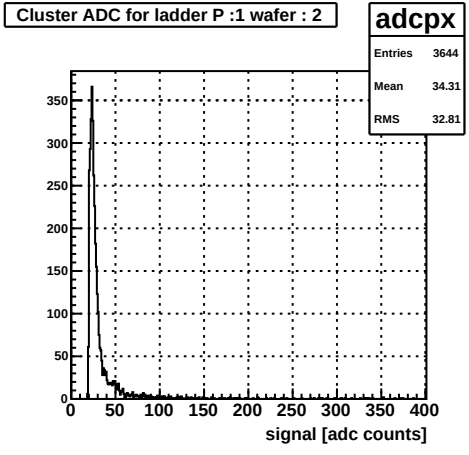

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 295
Mean 97.05
RMS 67.71
signal [adc counts]

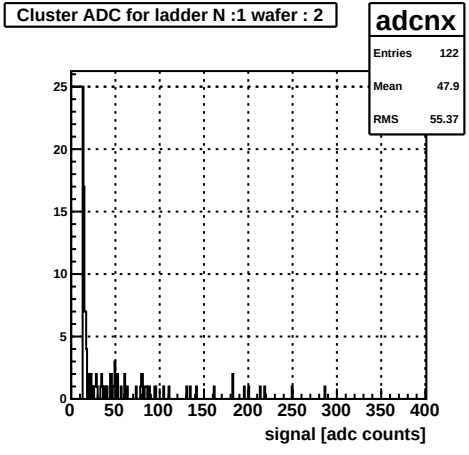

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2396
Mean 19.82
RMS 0.6311
signal [adc counts]

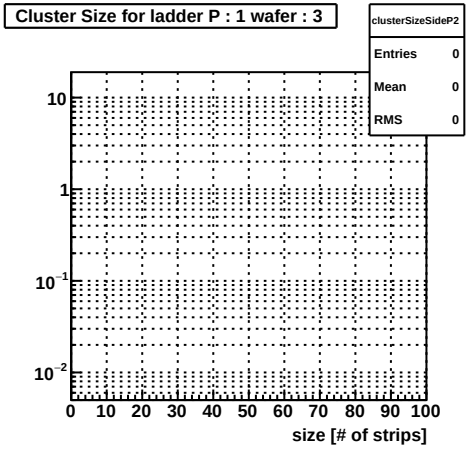

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3644
Mean 1.116
RMS 0.3993
size [# of strips]

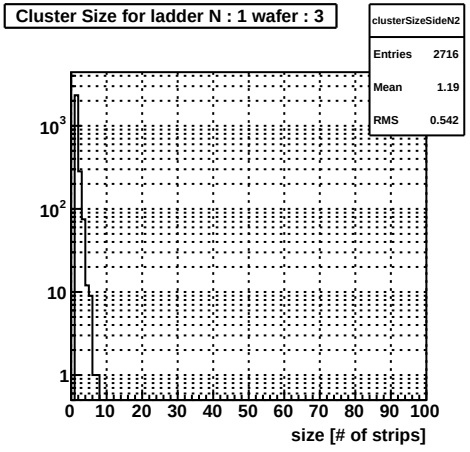

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 122
Mean 1.41
RMS 0.8755
size [# of strips]

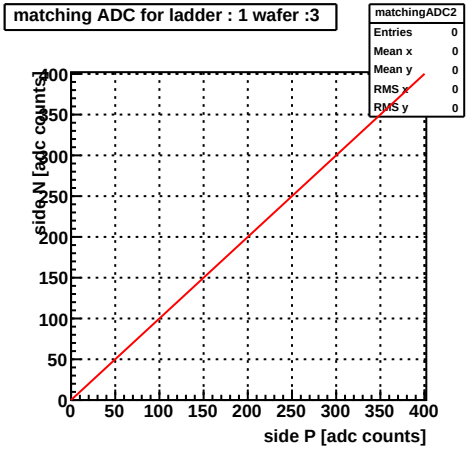

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

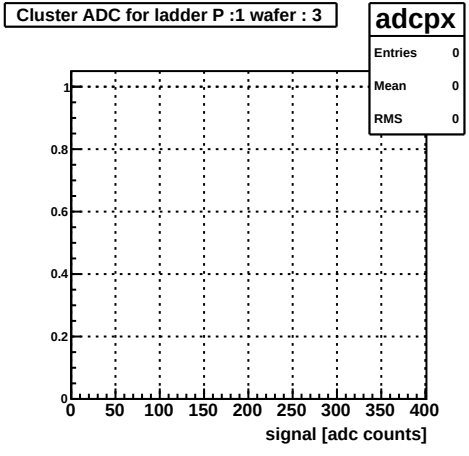

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3644
Mean 34.31
RMS 32.81
signal [adc counts]

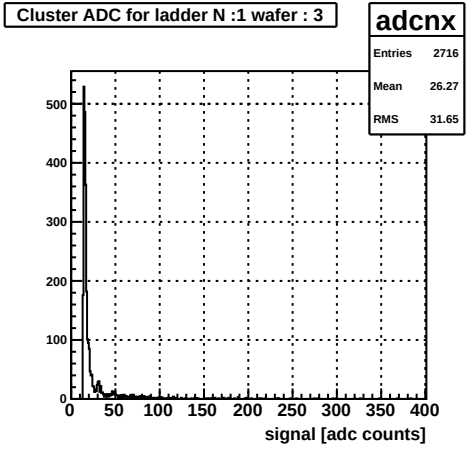

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 122
Mean 47.9
RMS 55.37
signal [adc counts]

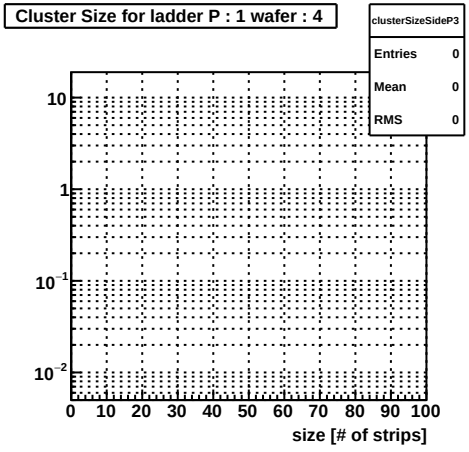

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

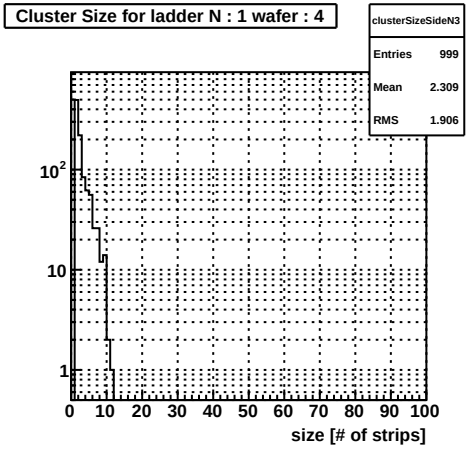

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2716
Mean 1.19
RMS 0.542
size [# of strips]

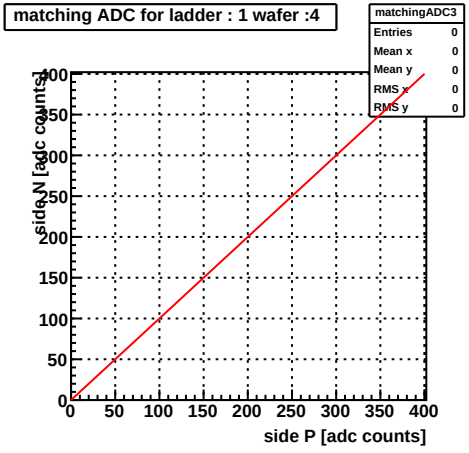

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

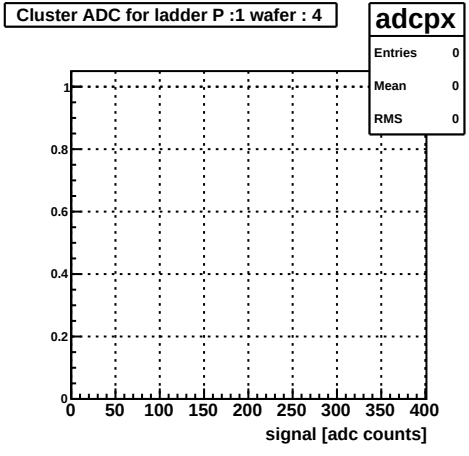

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

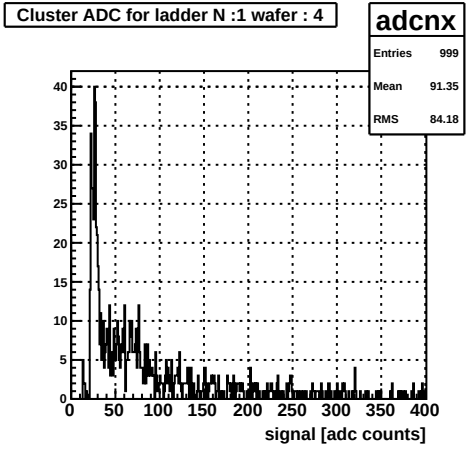

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2716
Mean 26.27
RMS 31.65
signal [adc counts]

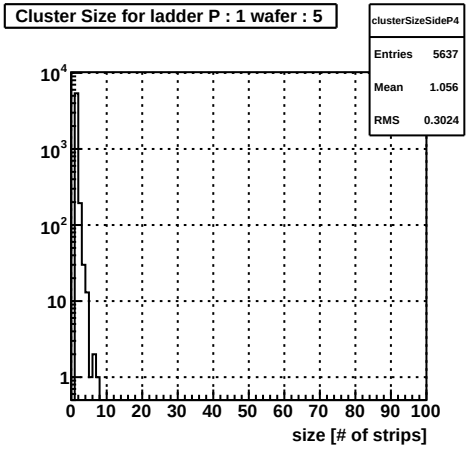

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

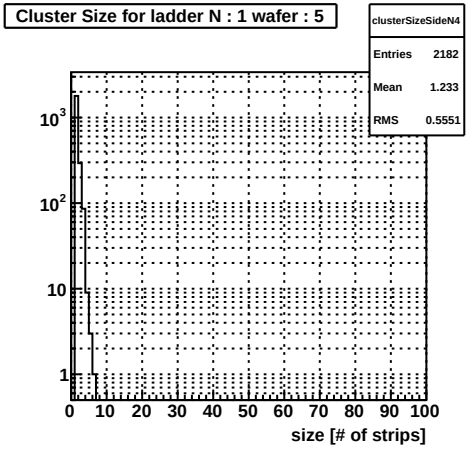

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 999
Mean 2.309
RMS 1.906
size [# of strips]

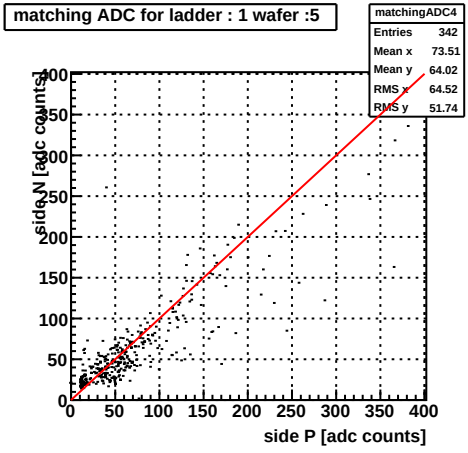

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

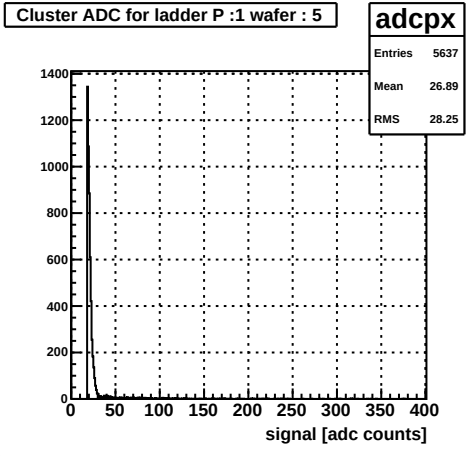

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

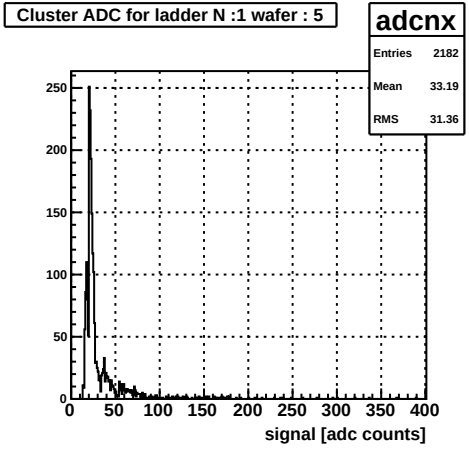

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 999
Mean 91.35
RMS 84.18
signal [adc counts]

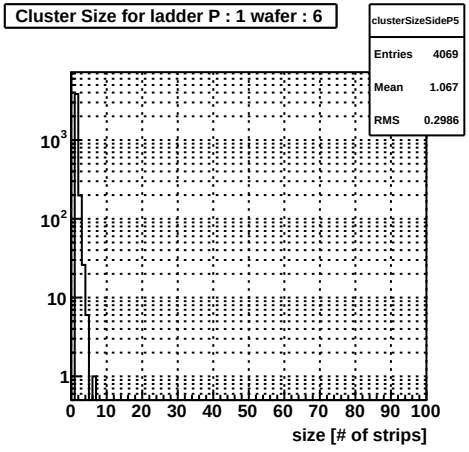

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 5637
Mean 1.056
RMS 0.3024
size [# of strips]

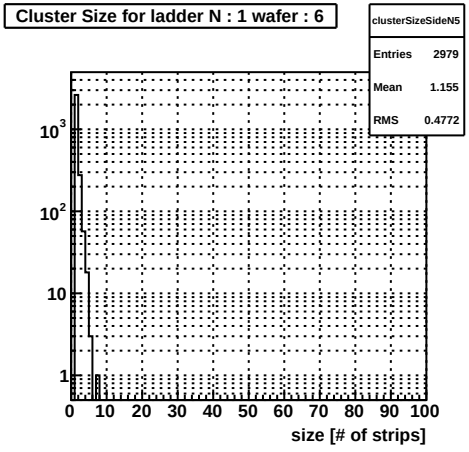

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2182
Mean 1.233
RMS 0.5551
size [# of strips]

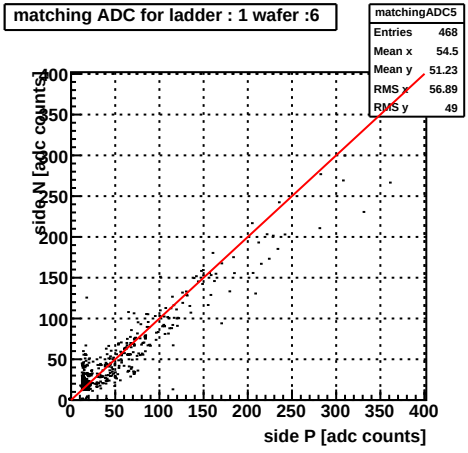

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 342
Mean x 73.51
Mean y 64.02
RMS x 64.52
RMS y 51.74
side N [adc counts]
side P [adc counts]

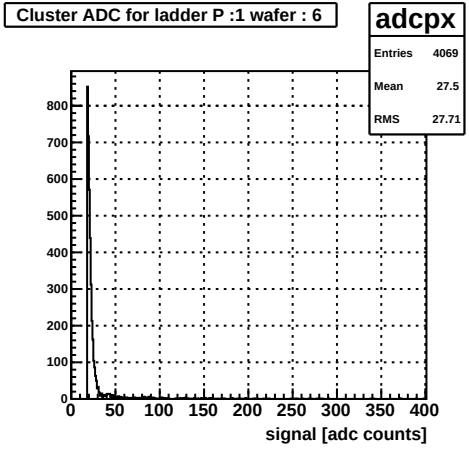

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 5637
Mean 26.89
RMS 28.25
signal [adc counts]

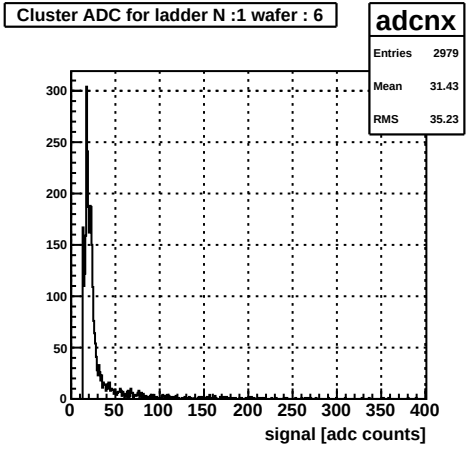

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2182
Mean 33.19
RMS 31.36
signal [adc counts]

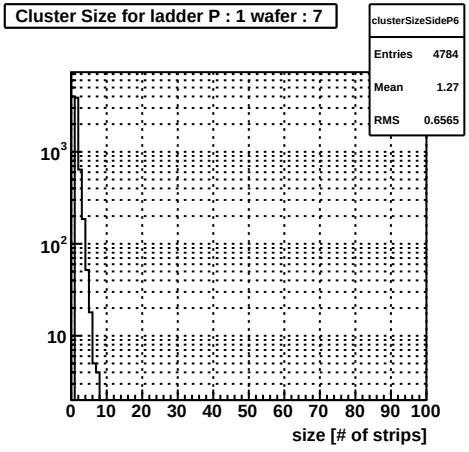

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4069
Mean 1.067
RMS 0.2986
size [# of strips]

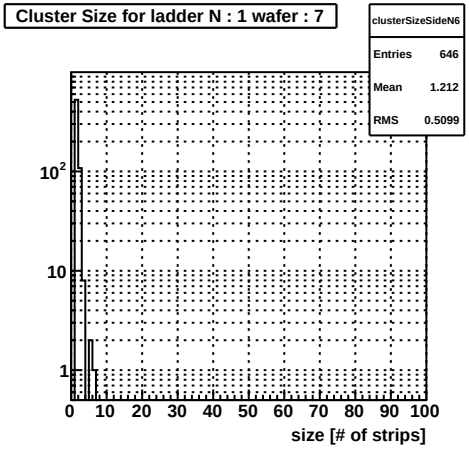

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2979
Mean 1.155
RMS 0.4772
size [# of strips]

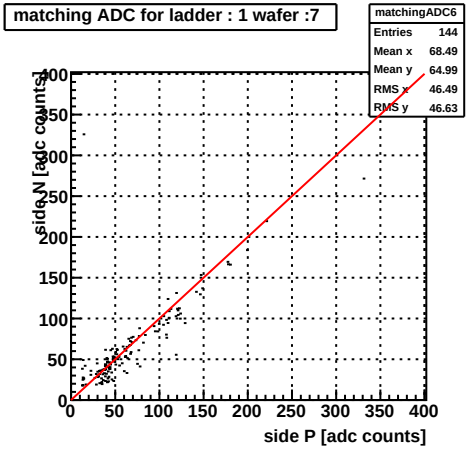

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 468
Mean x 54.5
Mean y 51.23
RMS x 56.89
RMS y 49
side N [adc counts]
side P [adc counts]

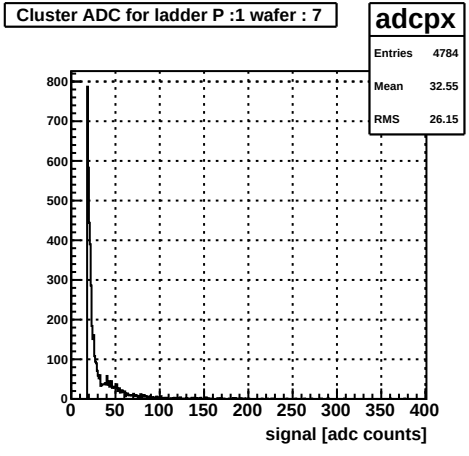

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4069
Mean 27.5
RMS 27.71
signal [adc counts]

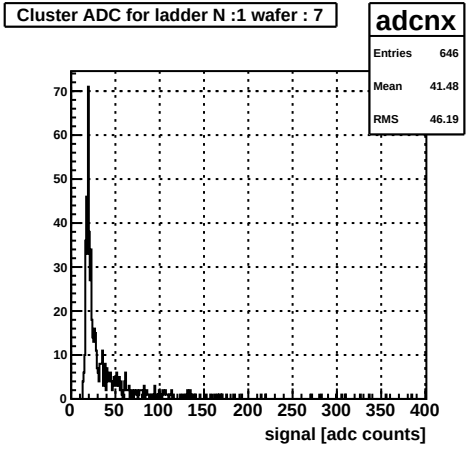

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2979
Mean 31.43
RMS 35.23
signal [adc counts]

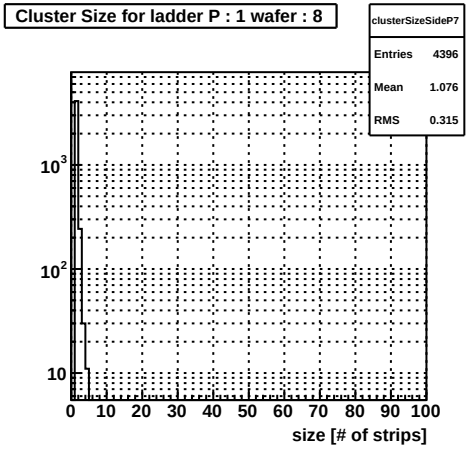

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 4784
Mean 1.27
RMS 0.6565
size [# of strips]

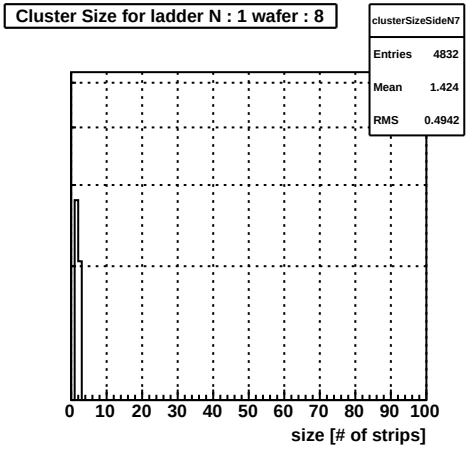

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 646
Mean 1.212
RMS 0.5099
size [# of strips]

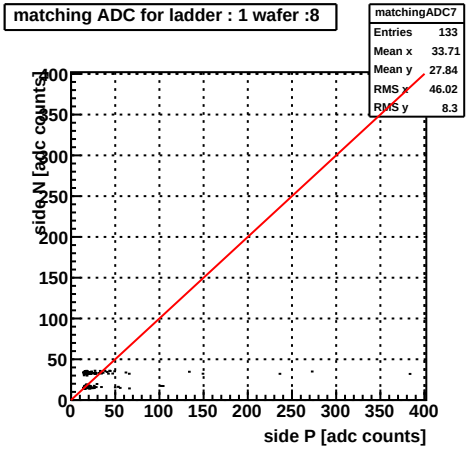

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 144
Mean x 68.49
Mean y 64.99
RMS x 46.49
RMS y 46.63
side N [adc counts]
side P [adc counts]

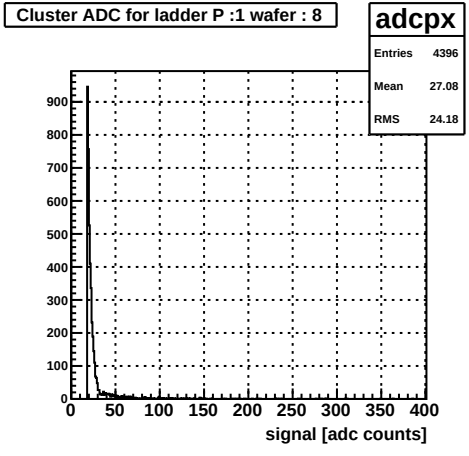

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 4784
Mean 32.55
RMS 26.15
signal [adc counts]

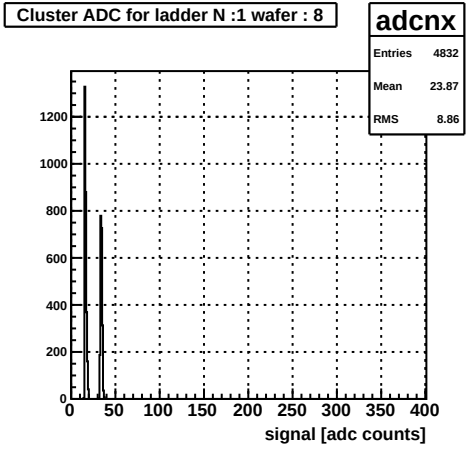

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 646
Mean 41.48
RMS 46.19
signal [adc counts]

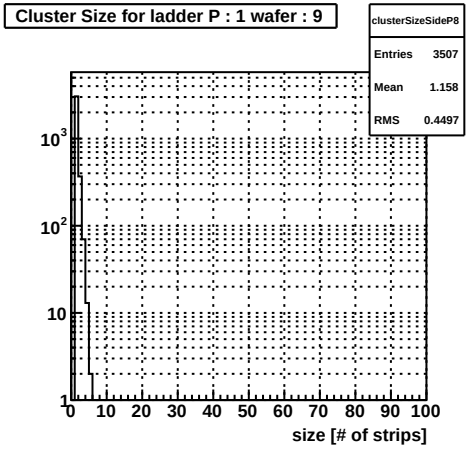

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4396
Mean 1.076
RMS 0.315
size [# of strips]

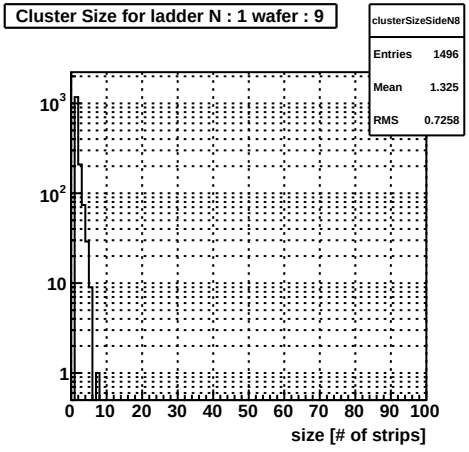

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4832
Mean 1.424
RMS 0.4942
size [# of strips]

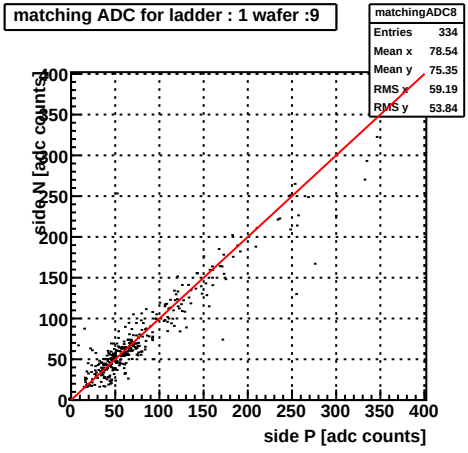

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 133
Mean x 33.71
Mean y 27.84
RMS x 46.02
RMS y 8.3
side N [adc counts]
side P [adc counts]

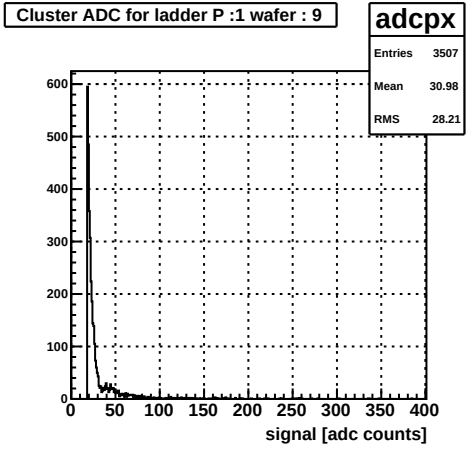

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4396
Mean 27.08
RMS 24.18
signal [adc counts]

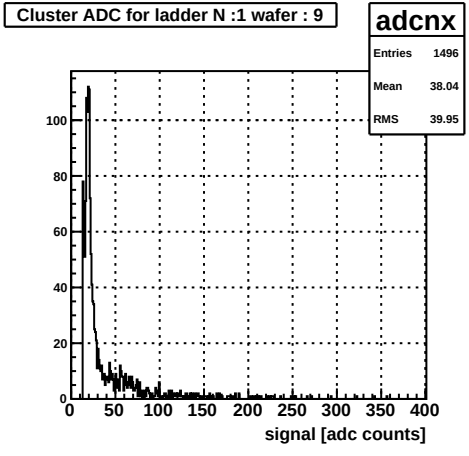

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4832
Mean 23.87
RMS 8.86
signal [adc counts]

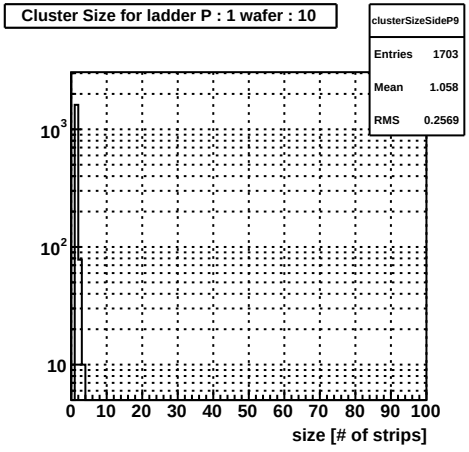

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3507
Mean 1.158
RMS 0.4497
size [# of strips]

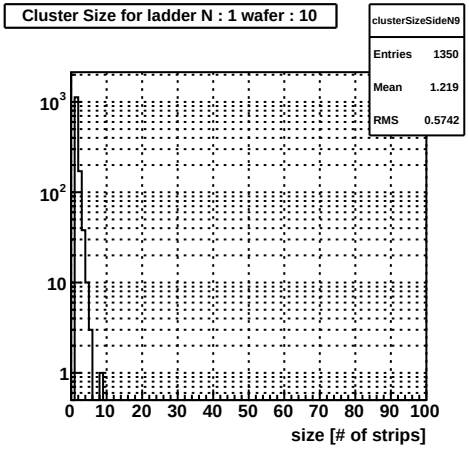

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1496
Mean 1.325
RMS 0.7258
size [# of strips]

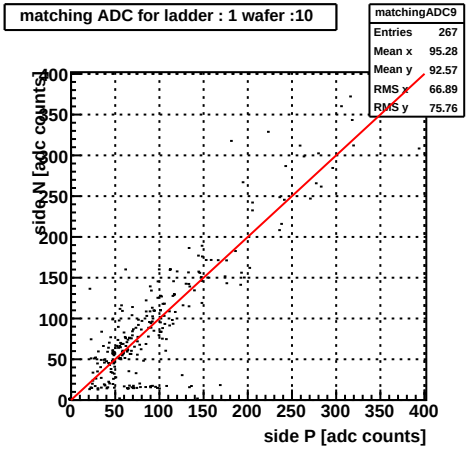

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 334
Mean x 78.54
Mean y 75.35
RMS x 59.19
RMS y 53.84
side N [adc counts]
side P [adc counts]

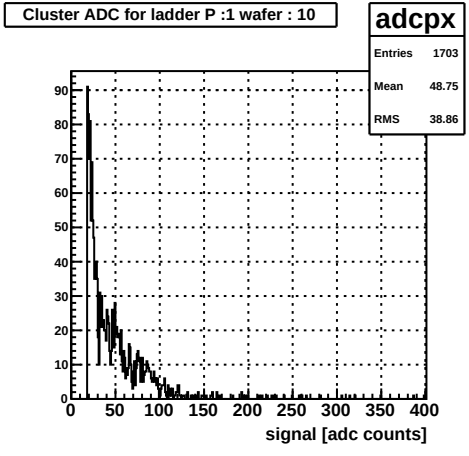

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3507
Mean 30.98
RMS 28.21
signal [adc counts]

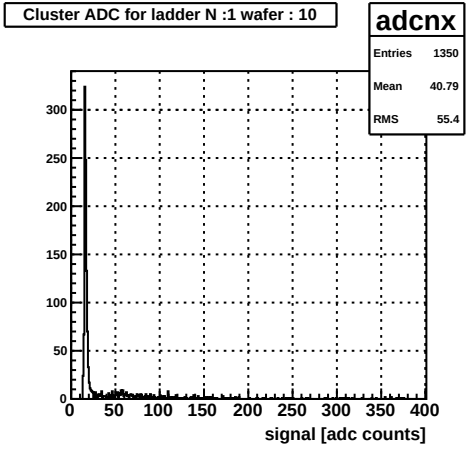

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1496
Mean 38.04
RMS 39.95
signal [adc counts]

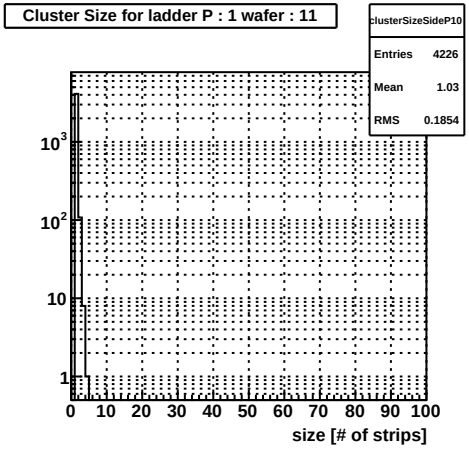

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1703
Mean 1.058
RMS 0.2569
size [# of strips]

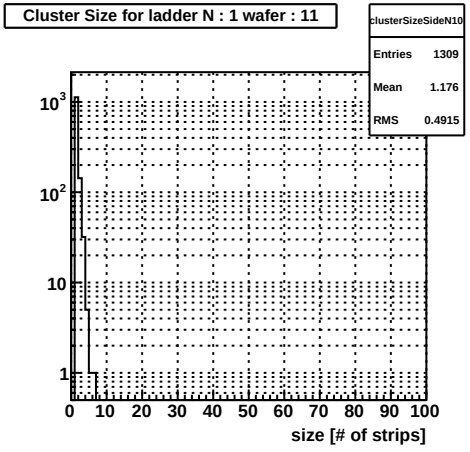

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1350
Mean 1.219
RMS 0.5742
size [# of strips]

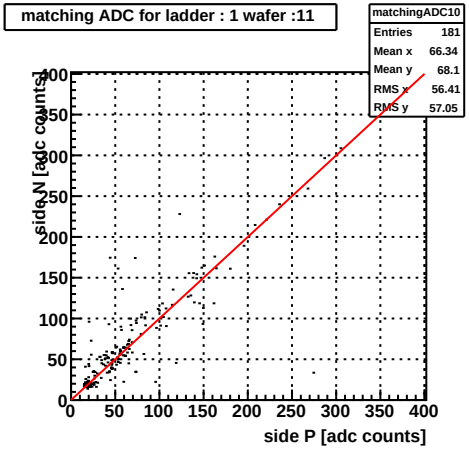

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 267
Mean x 95.28
Mean y 92.57
RMS x 66.89
RMS y 75.76
side N [adc counts]
side P [adc counts]

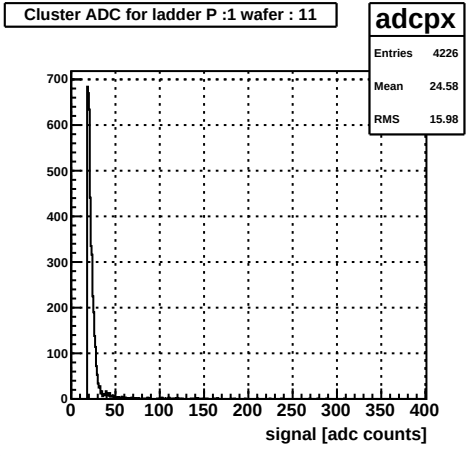

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1703
Mean 48.75
RMS 38.86
signal [adc counts]

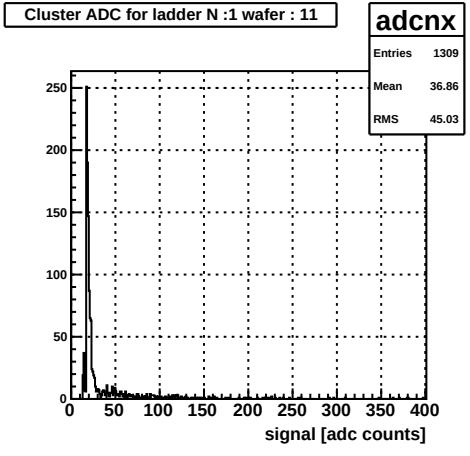

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1350
Mean 40.79
RMS 55.4
signal [adc counts]

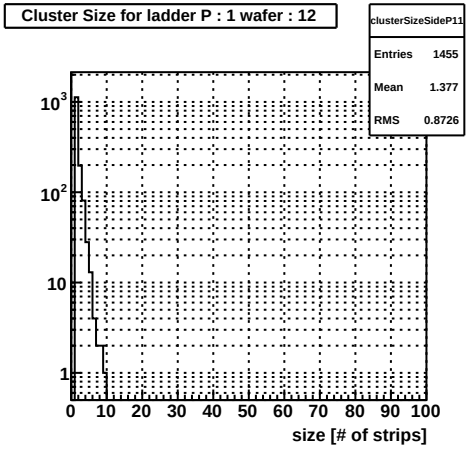

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 4226
Mean 1.03
RMS 0.1854
size [# of strips]

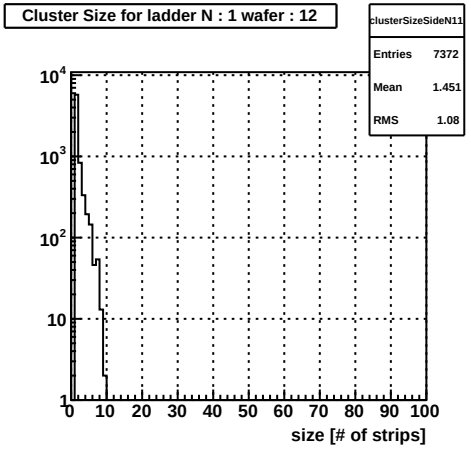

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1309
Mean 1.176
RMS 0.4915
size [# of strips]

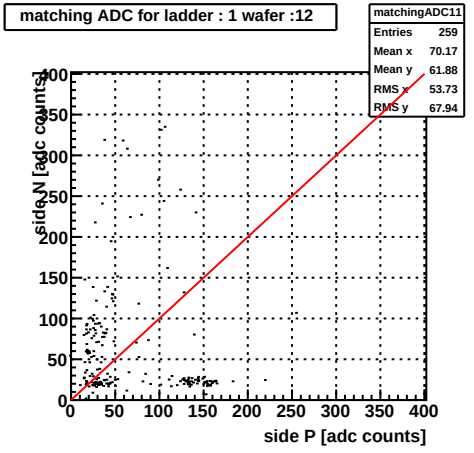

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 181
Mean x 66.34
Mean y 68.1
RMS x 56.41
RMS y 57.05
side N [adc counts]
side P [adc counts]

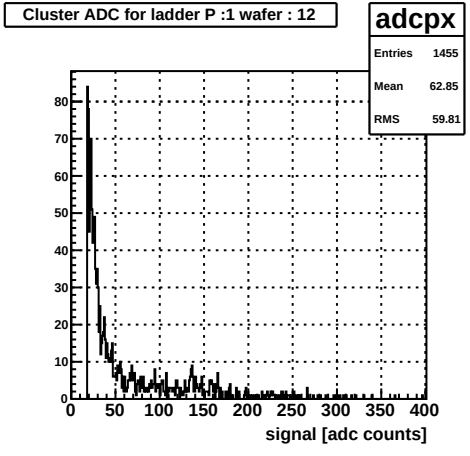

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 4226
Mean 24.58
RMS 15.98
signal [adc counts]

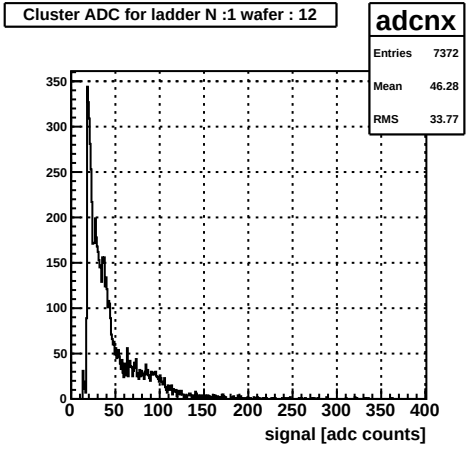

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1309
Mean 36.86
RMS 45.03
signal [adc counts]

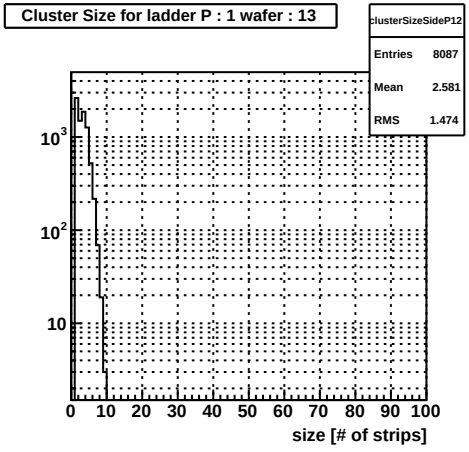

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1455
Mean 1.377
RMS 0.8726
size [# of strips]

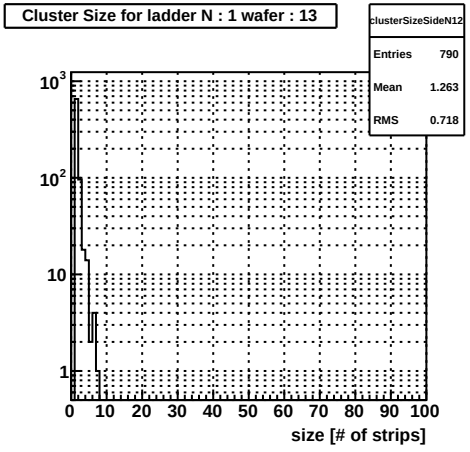

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7372
Mean 1.451
RMS 1.08
size [# of strips]

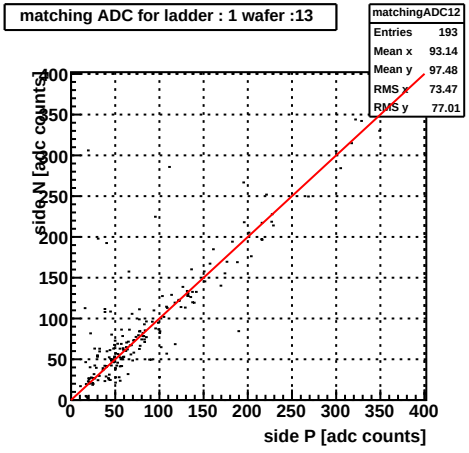

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 259
Mean x 70.17
Mean y 61.88
RMS x 53.73
RMS y 67.94
side N [adc counts]
side P [adc counts]

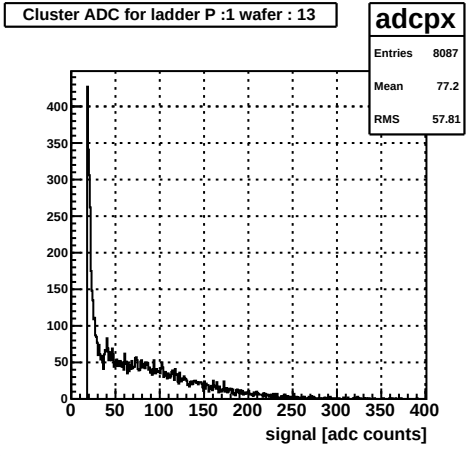

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1455
Mean 62.85
RMS 59.81
signal [adc counts]

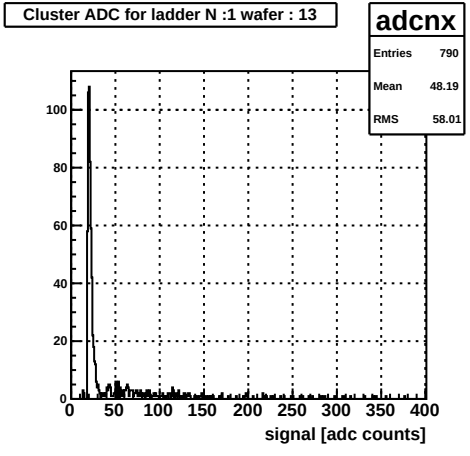

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7372
Mean 46.28
RMS 33.77
signal [adc counts]

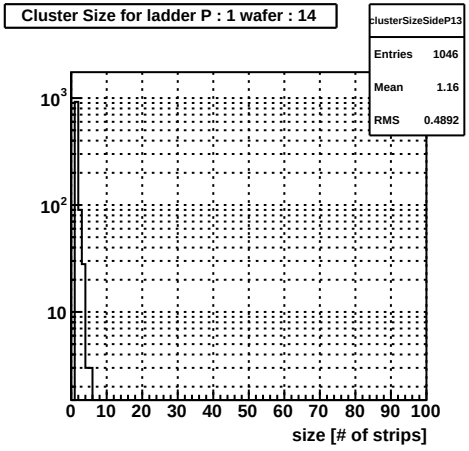

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 8087
Mean 2.581
RMS 1.474
size [# of strips]

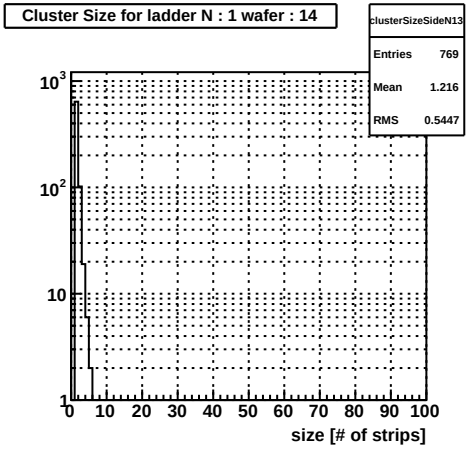

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 790
Mean 1.263
RMS 0.718
size [# of strips]

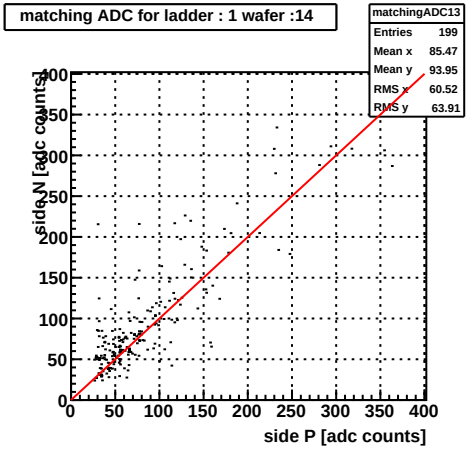

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 193
Mean x 93.14
Mean y 97.48
RMS x 73.47
RMS y 77.01
side N [adc counts]
side P [adc counts]

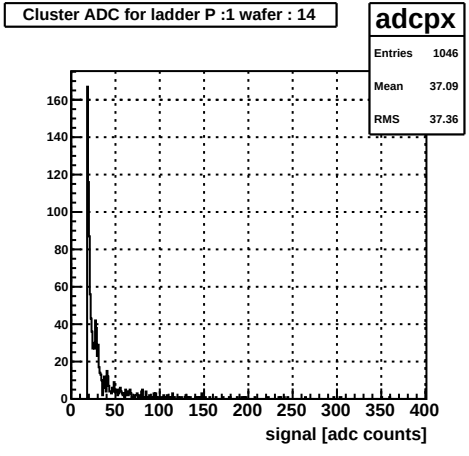

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 8087
Mean 77.2
RMS 57.81
signal [adc counts]

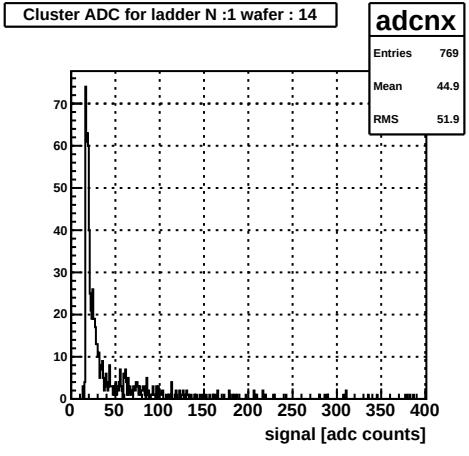

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 790
Mean 48.19
RMS 58.01
signal [adc counts]

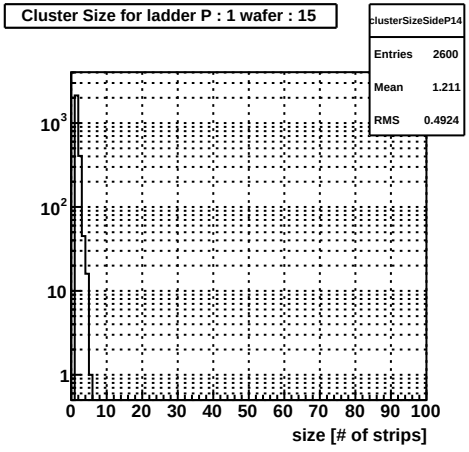

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1046
Mean 1.16
RMS 0.4892
size [# of strips]

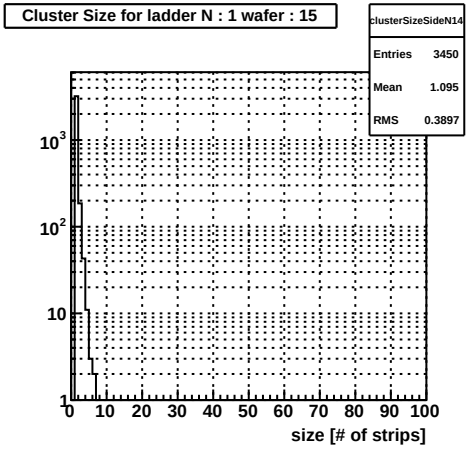

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 769
Mean 1.216
RMS 0.5447
size [# of strips]

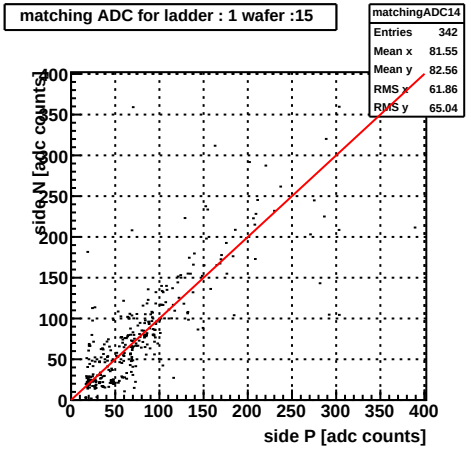

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 199
Mean x 85.47
Mean y 93.95
RMS x 60.52
RMS y 63.91
side N [adc counts]
side P [adc counts]

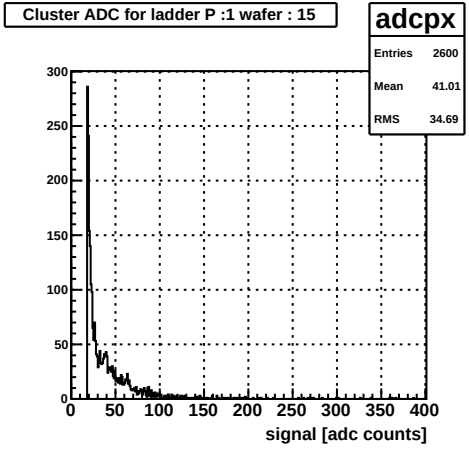

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1046
Mean 37.09
RMS 37.36
signal [adc counts]

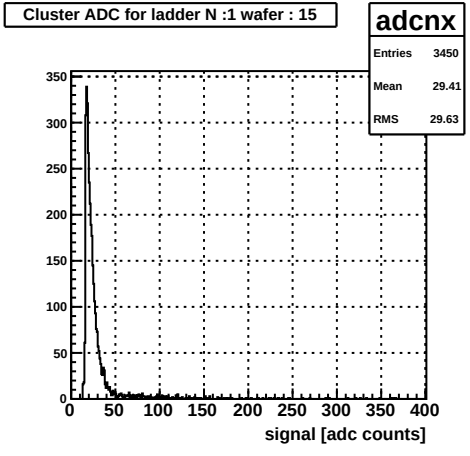

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 769
Mean 44.9
RMS 51.9
signal [adc counts]

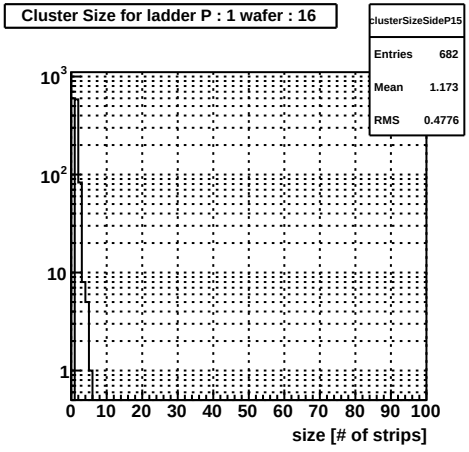

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 2600
Mean 1.211
RMS 0.4924
size [# of strips]

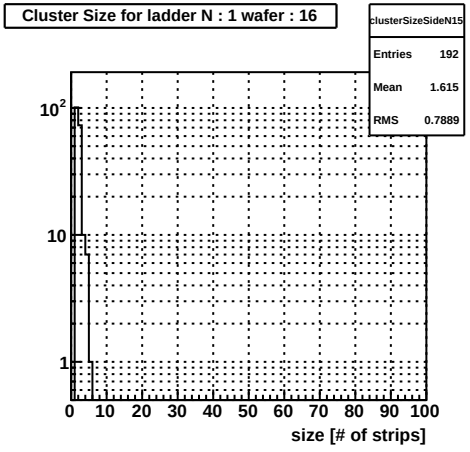

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 3450
Mean 1.095
RMS 0.3897
size [# of strips]

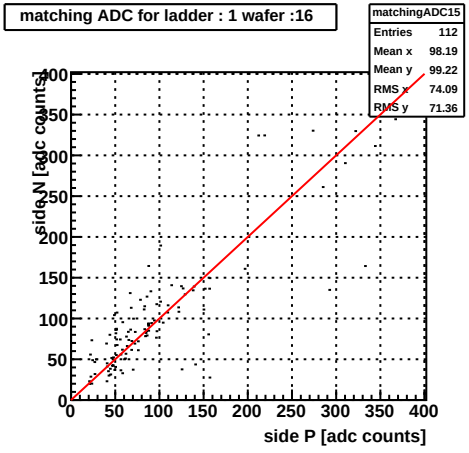

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 342
Mean x 81.55
Mean y 82.56
RMS x 61.86
RMS y 65.04
side N [adc counts]
side P [adc counts]

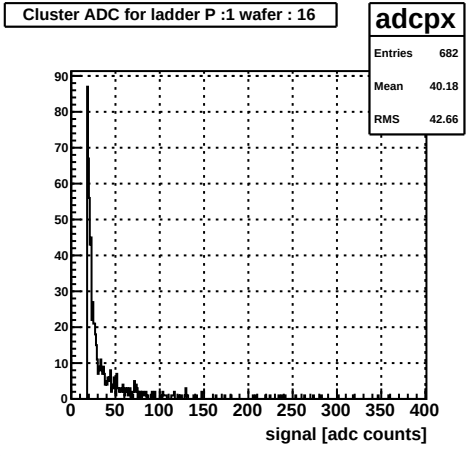

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 2600
Mean 41.01
RMS 34.69
signal [adc counts]

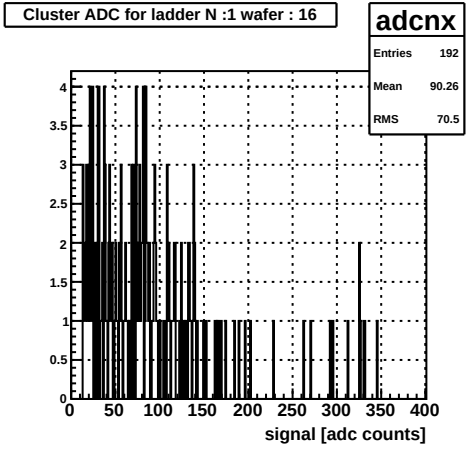

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 3450
Mean 29.41
RMS 29.63
signal [adc counts]

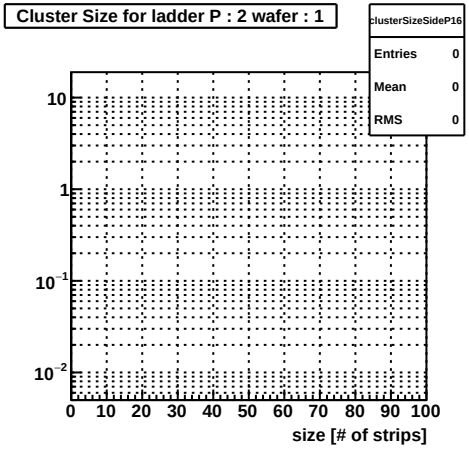

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 682
Mean 1.173
RMS 0.4776
size [# of strips]

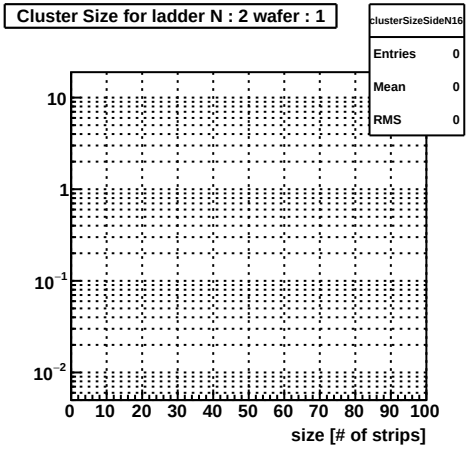

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 192
Mean 1.615
RMS 0.7889
size [# of strips]

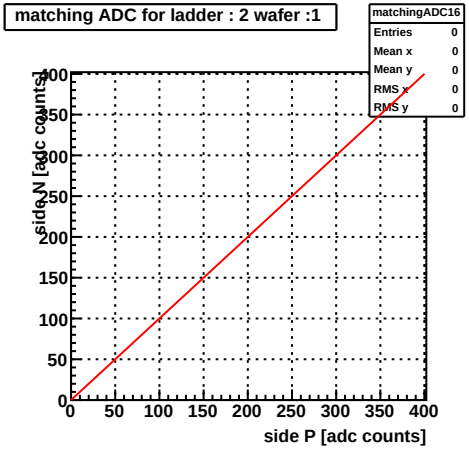

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 112
Mean x 98.19
Mean y 99.22
RMS x 74.09
RMS y 71.36
side N [adc counts]
side P [adc counts]

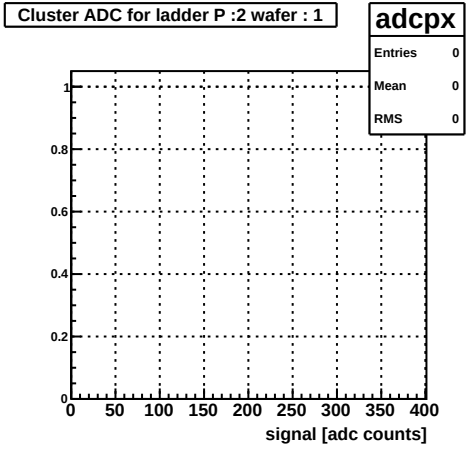

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 682
Mean 40.18
RMS 42.66
signal [adc counts]

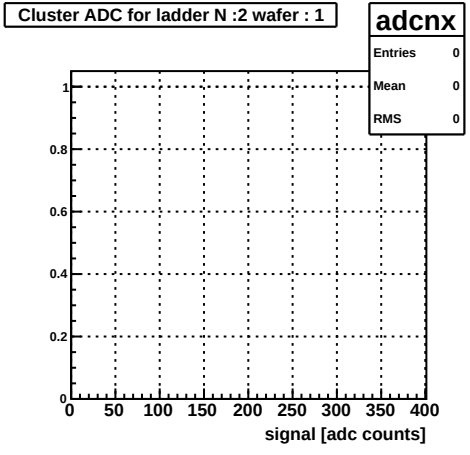

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 192
Mean 90.26
RMS 70.5
signal [adc counts]

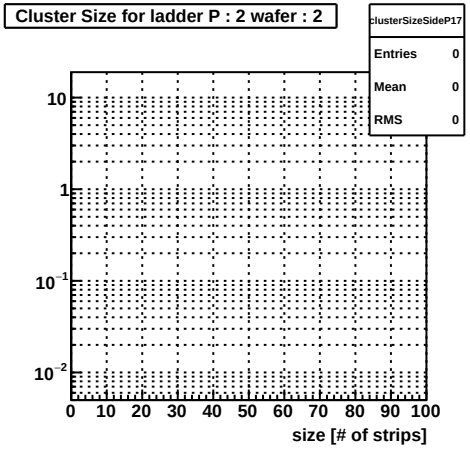

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

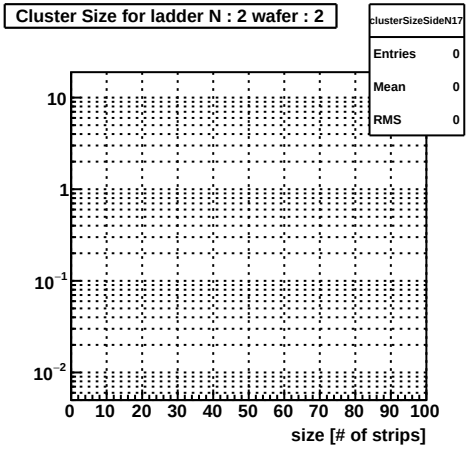

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

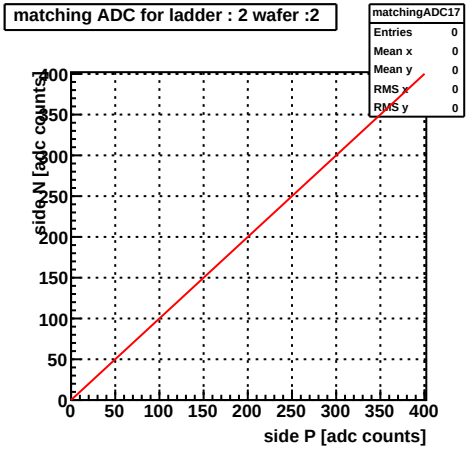

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

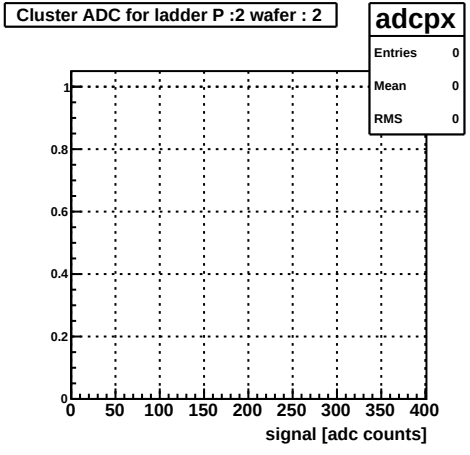

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

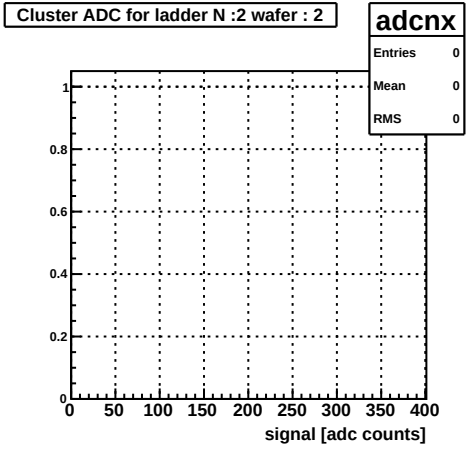

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

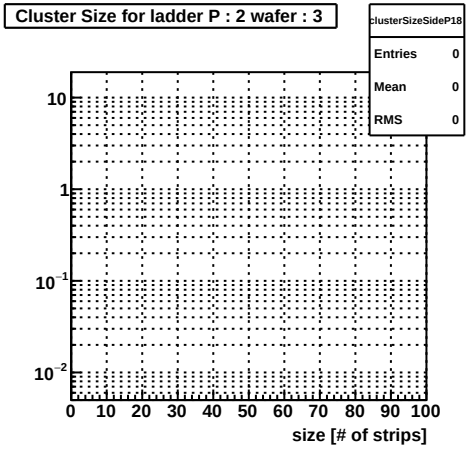

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

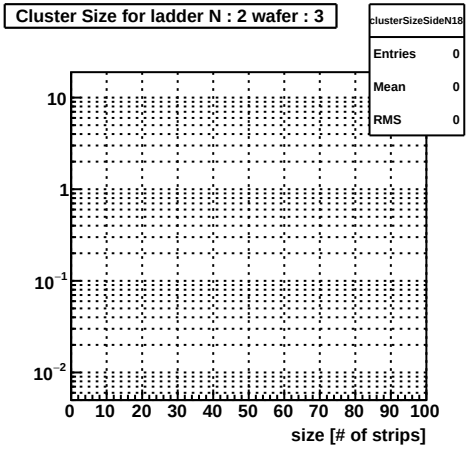

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

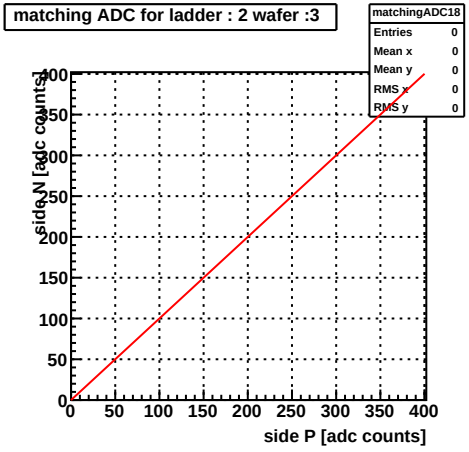

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

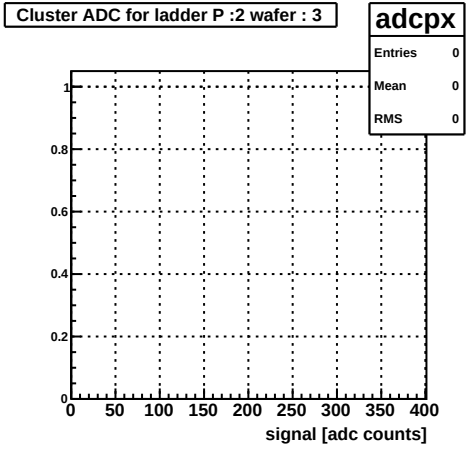

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

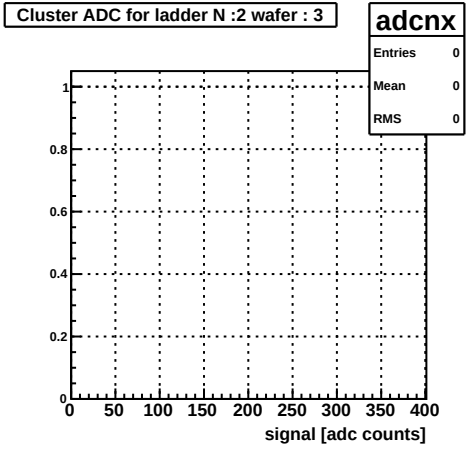

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

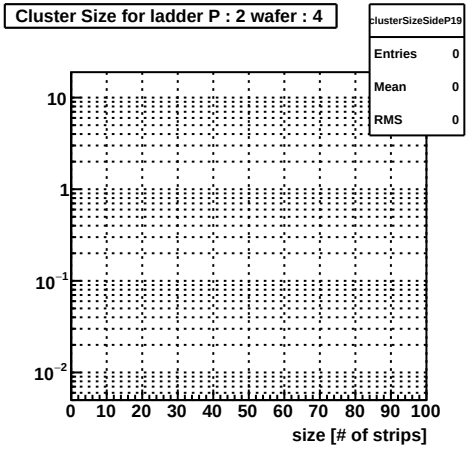

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

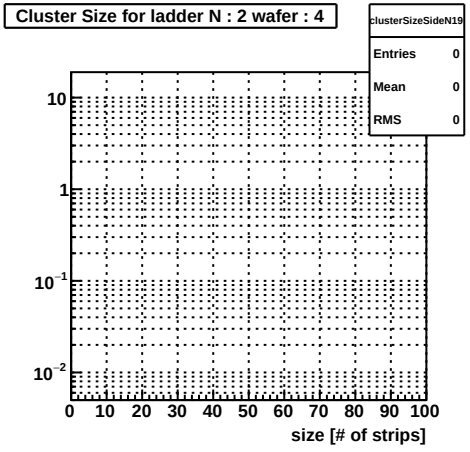

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

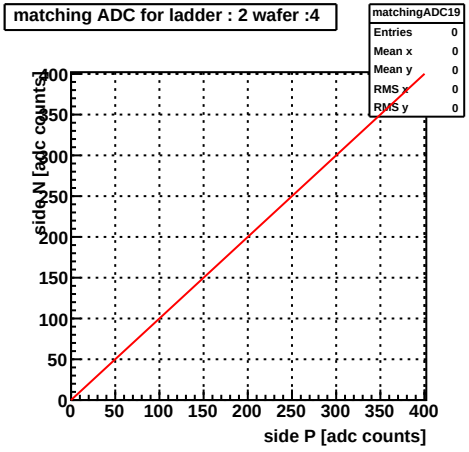

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

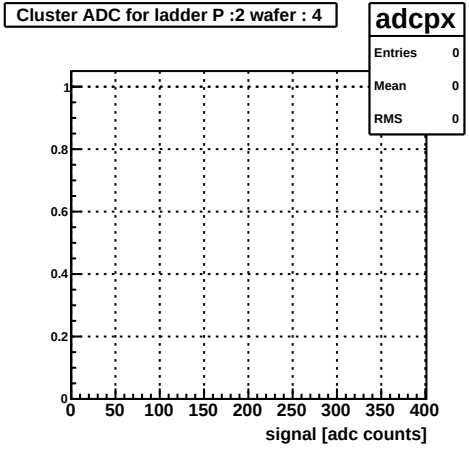

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

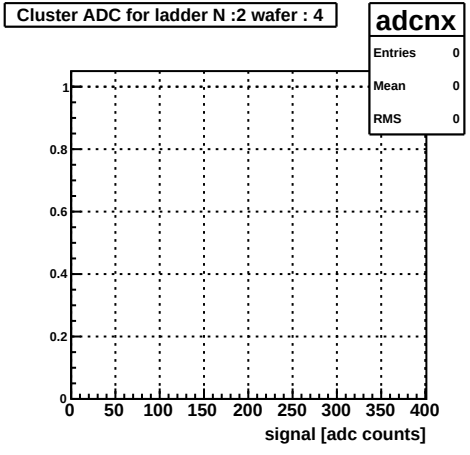

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

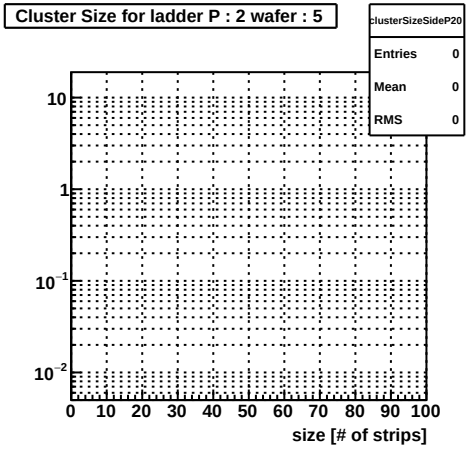

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

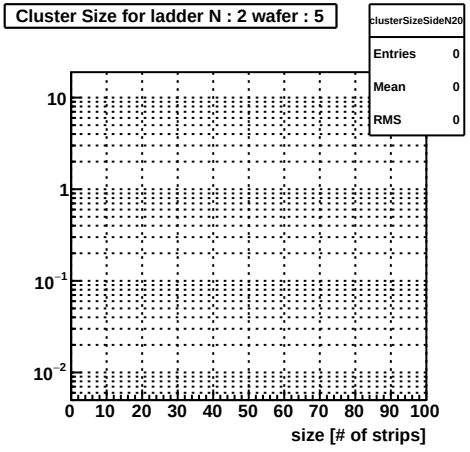

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

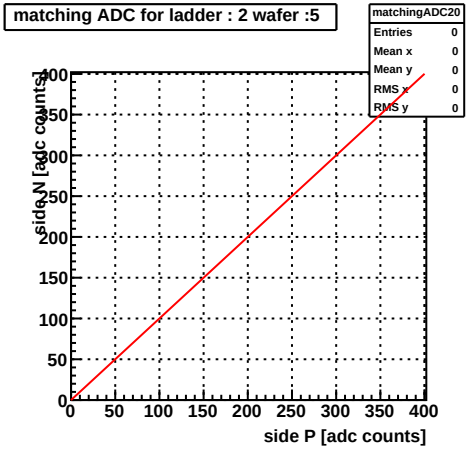

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

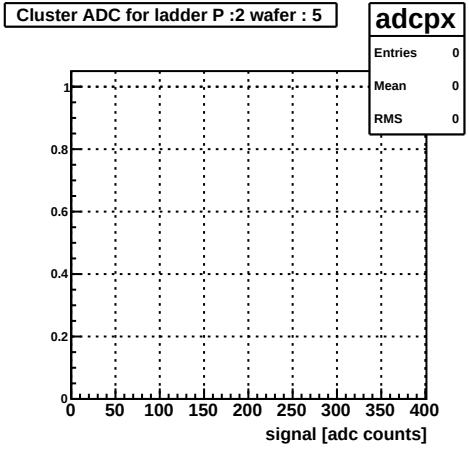

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

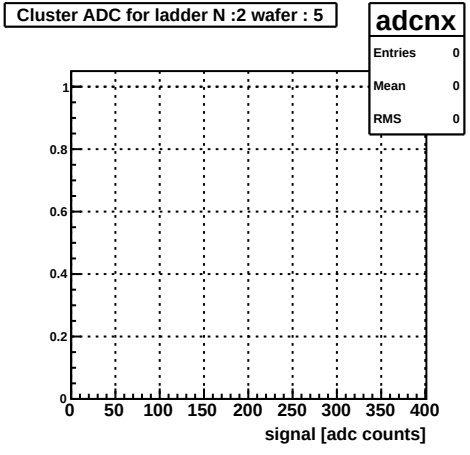

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

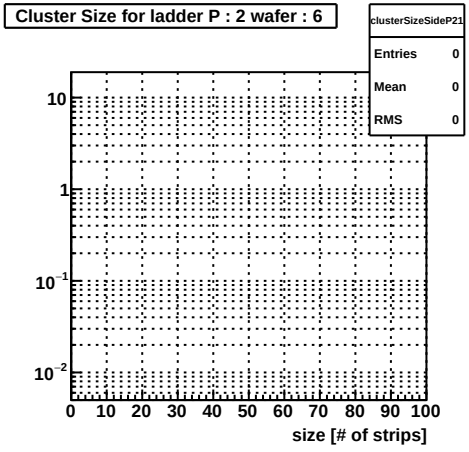

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

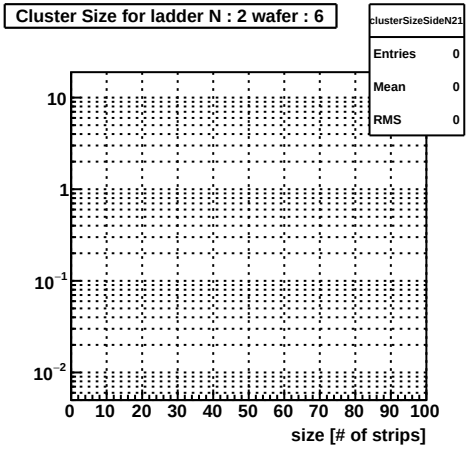

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

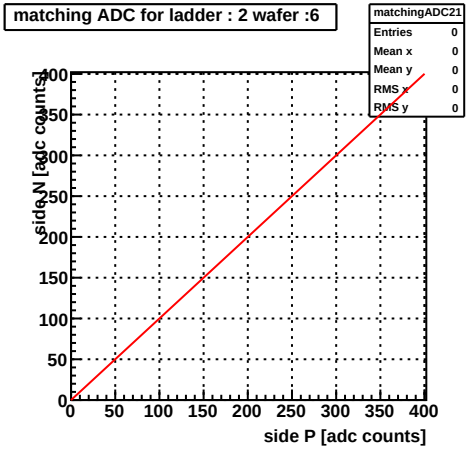

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

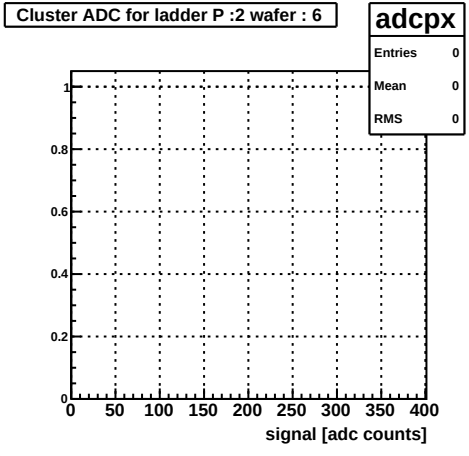

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

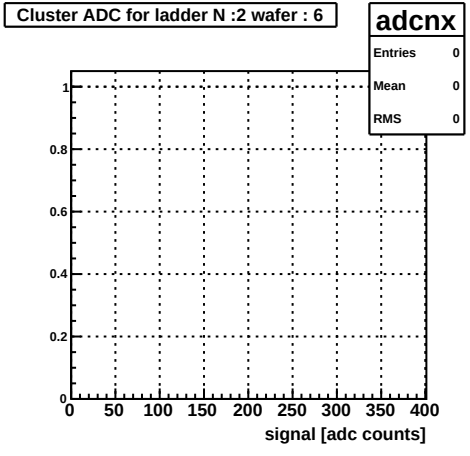

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

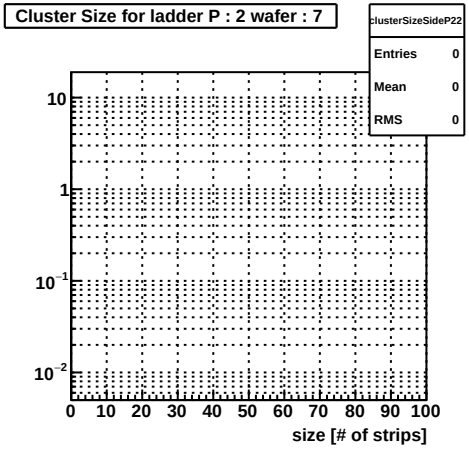

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

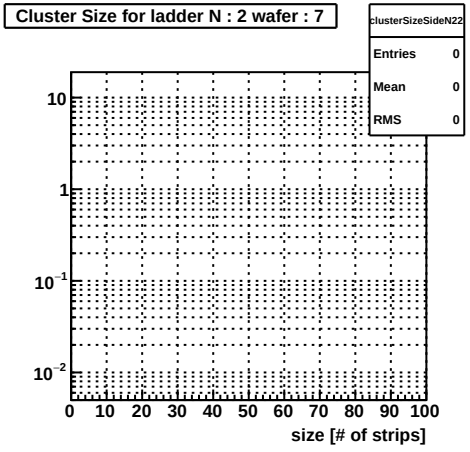

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

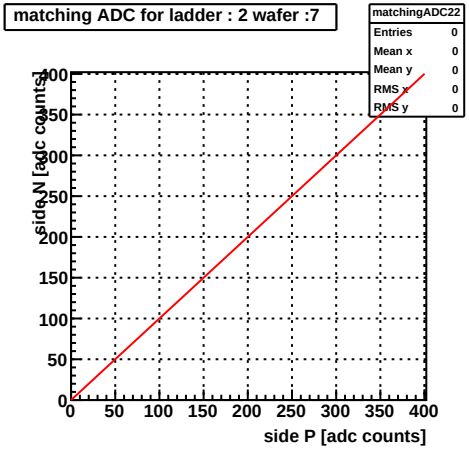

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

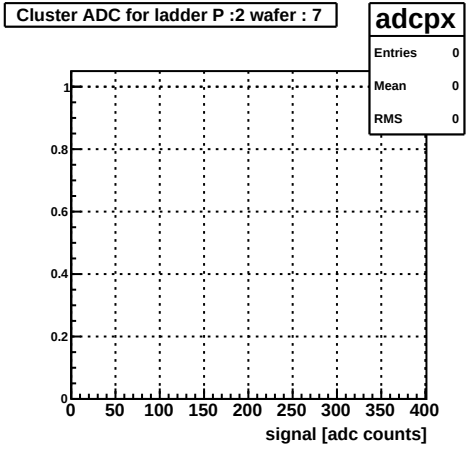

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

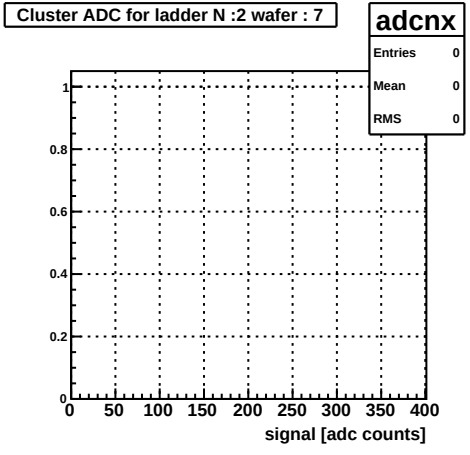

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

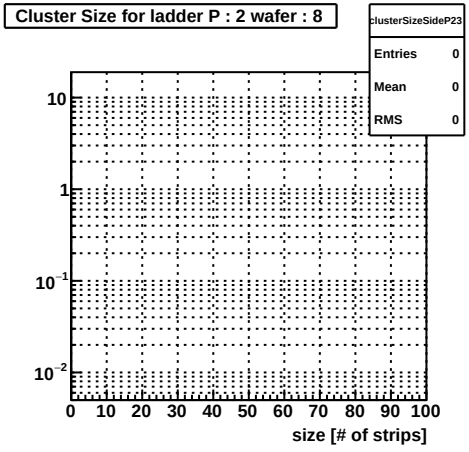

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

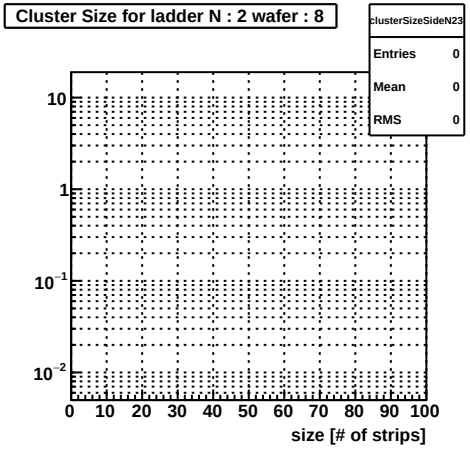

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

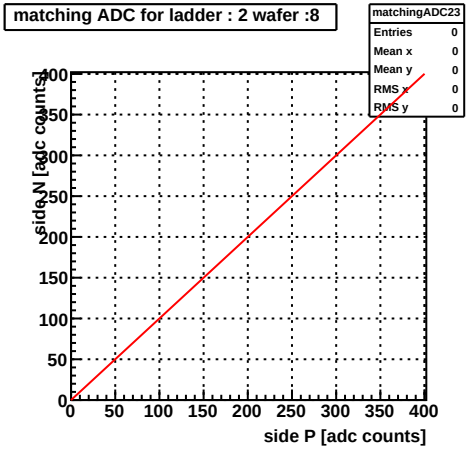

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

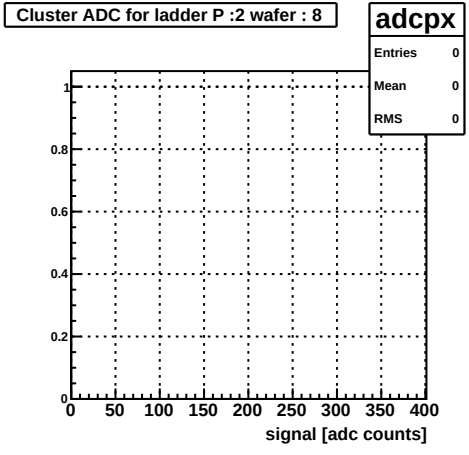

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

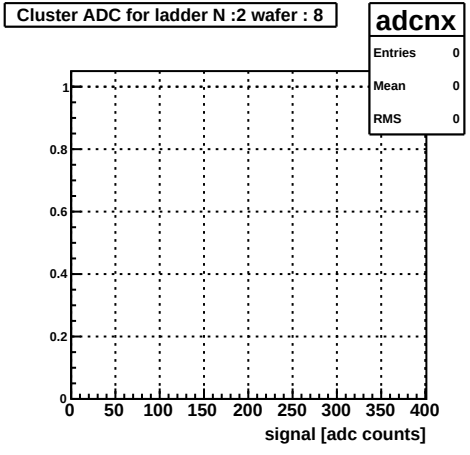

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

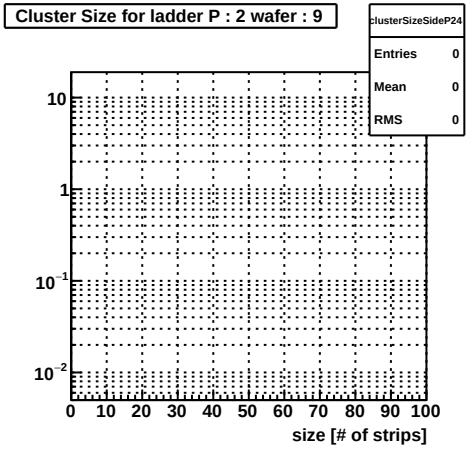

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

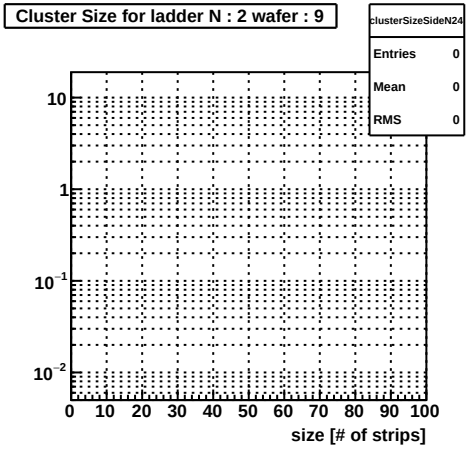

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

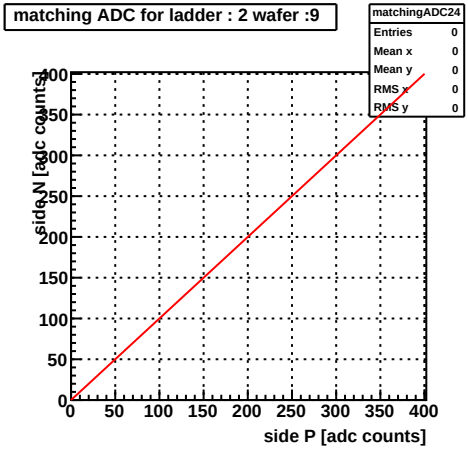

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

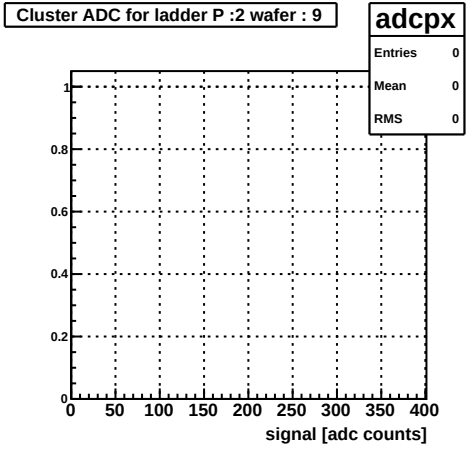

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

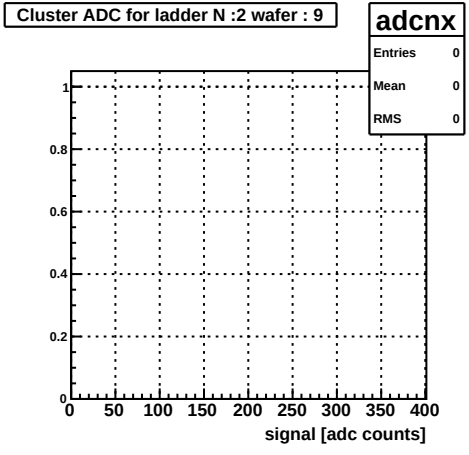

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

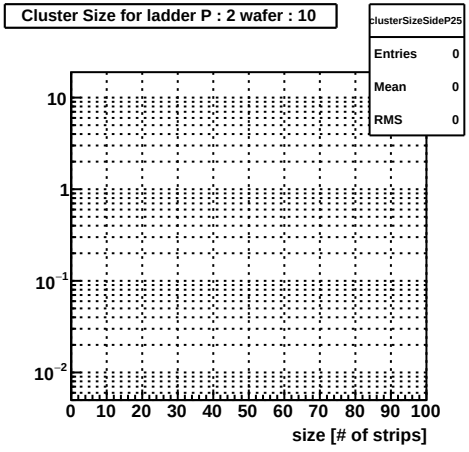

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

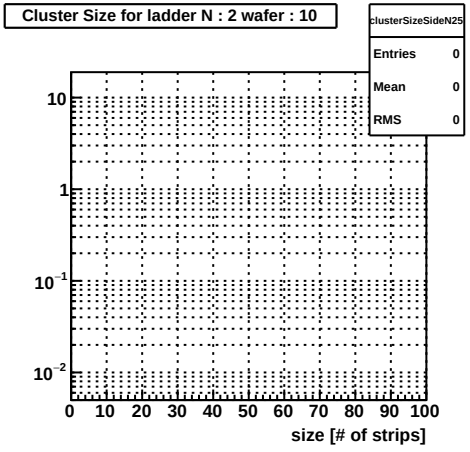

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

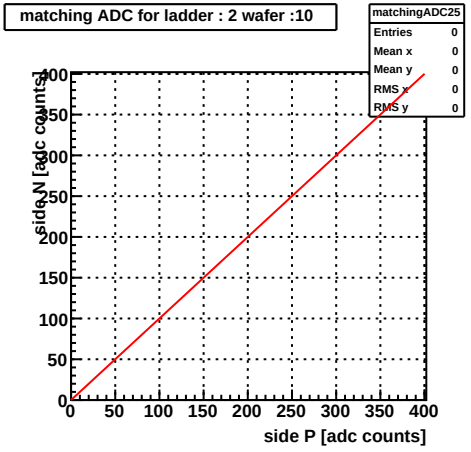

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

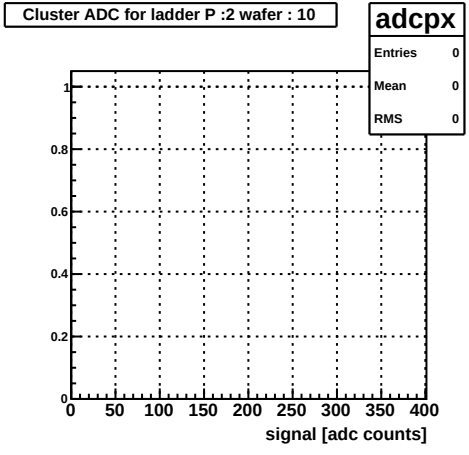

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

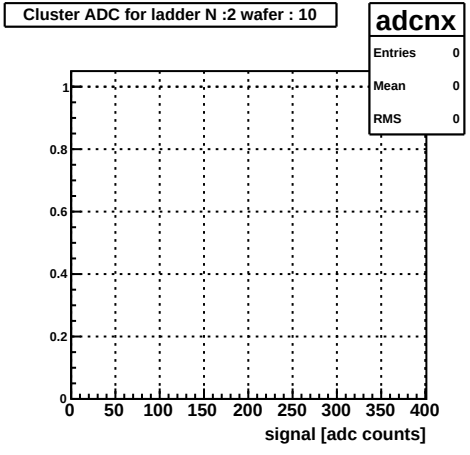

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

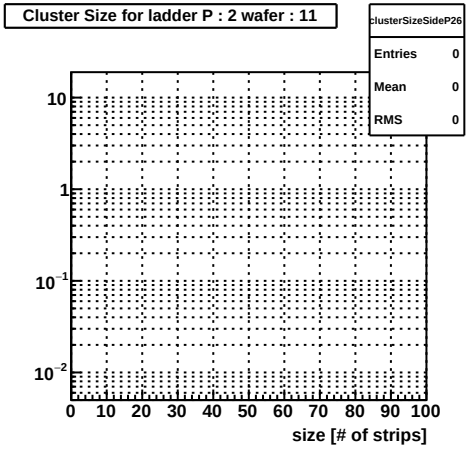

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

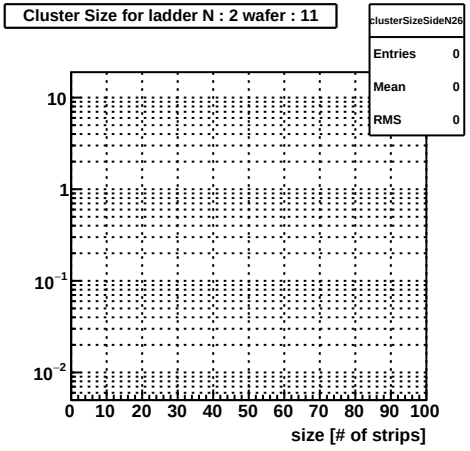

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

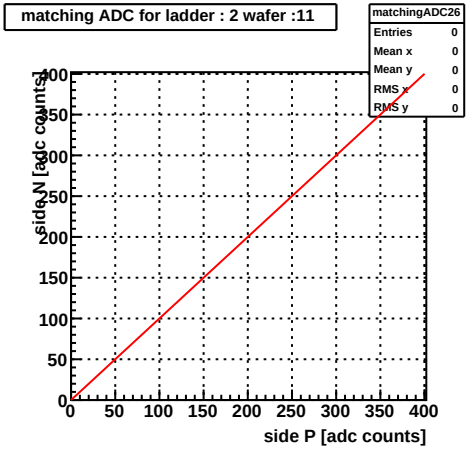

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

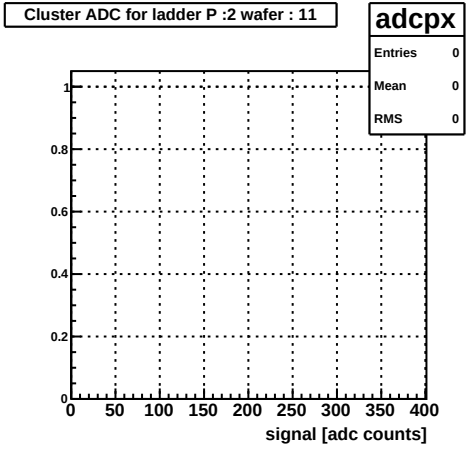

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

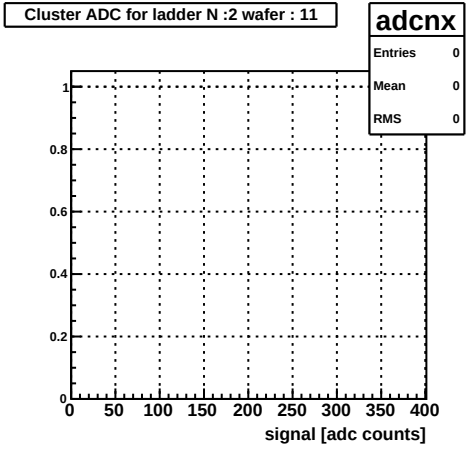

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

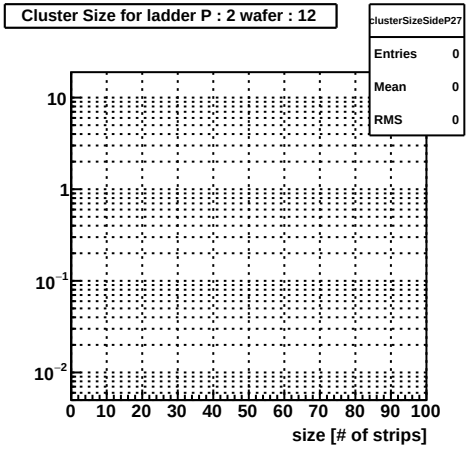

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

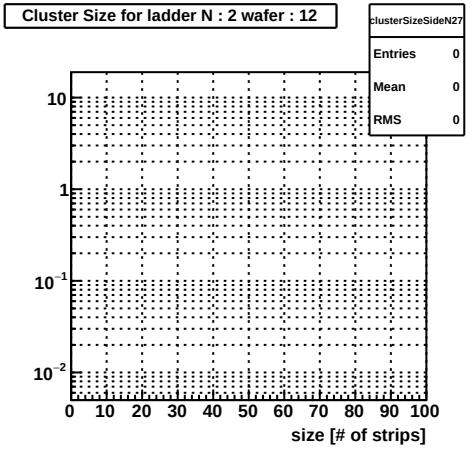

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

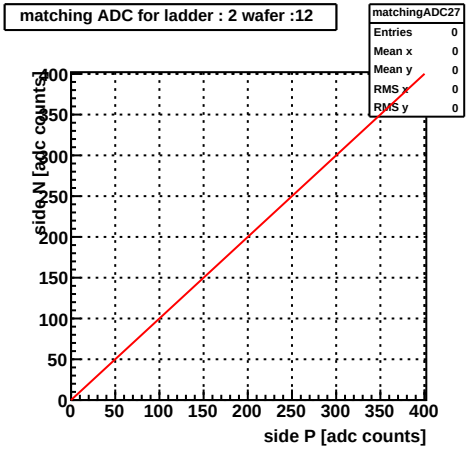

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

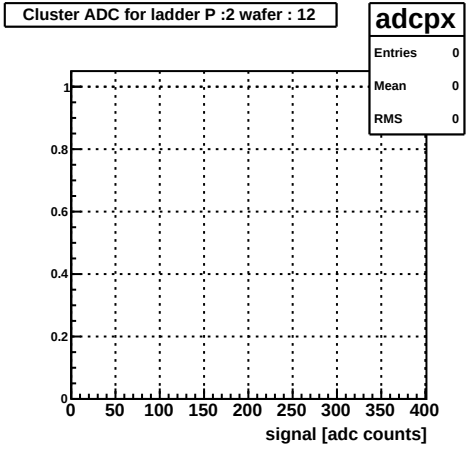

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

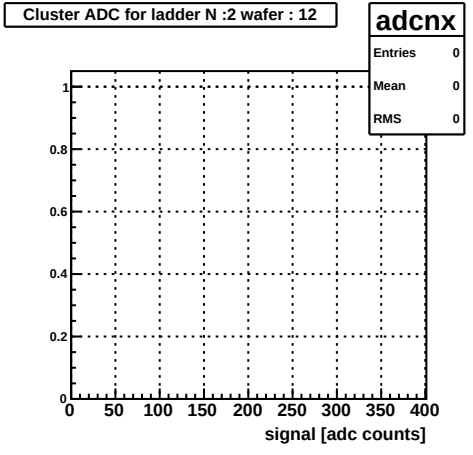

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

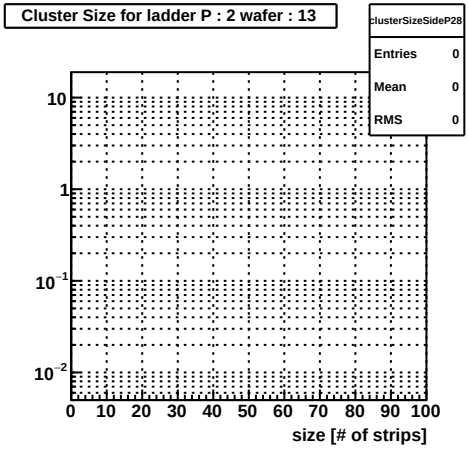

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

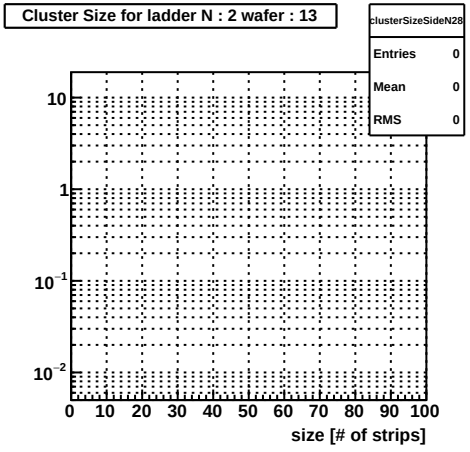

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

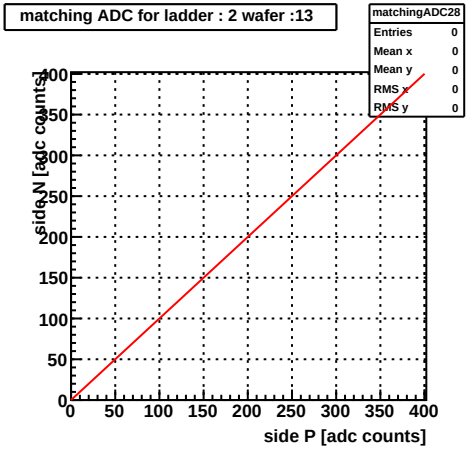

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

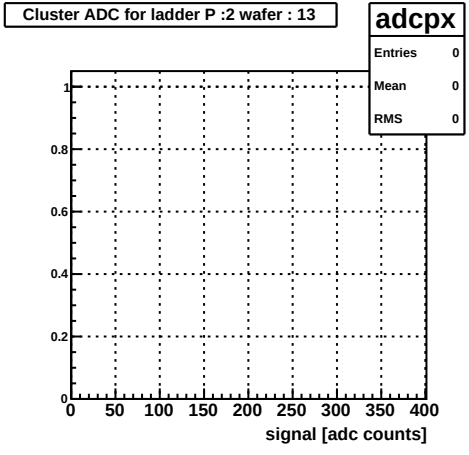

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

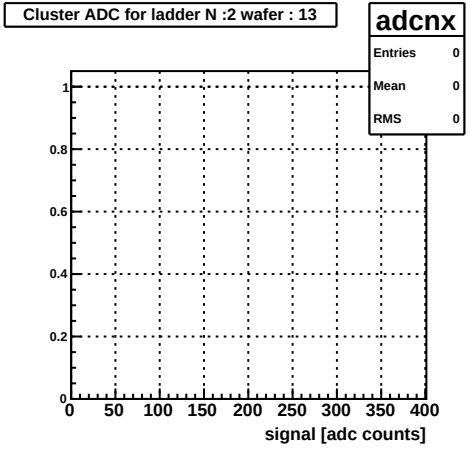

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

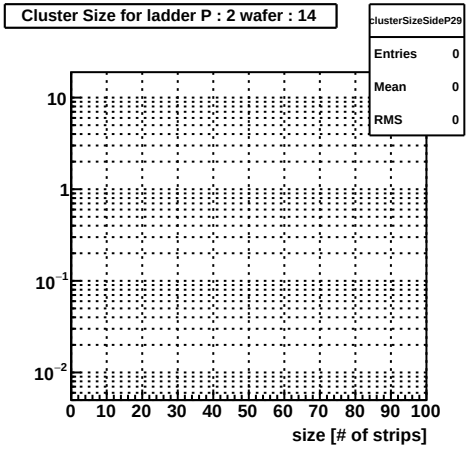

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

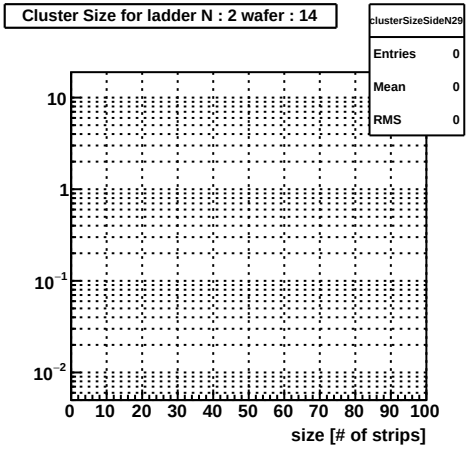

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

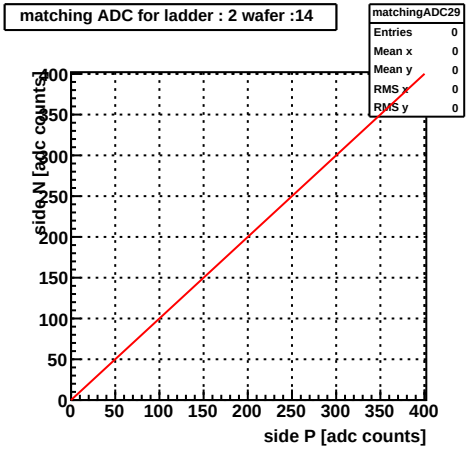

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

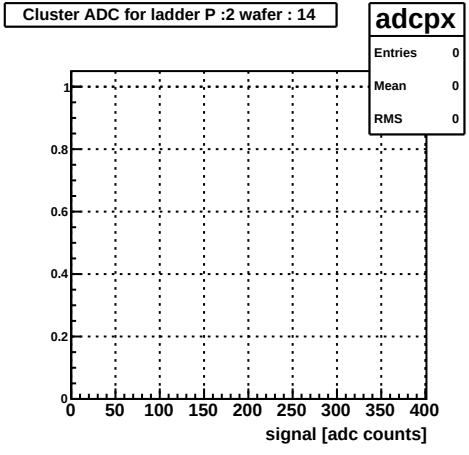

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

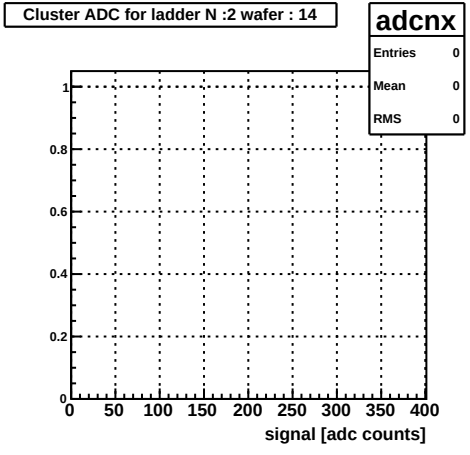

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

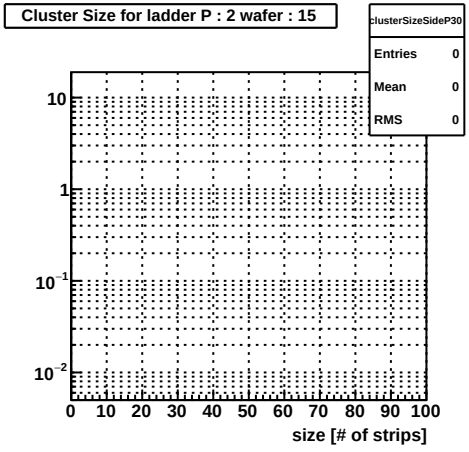

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

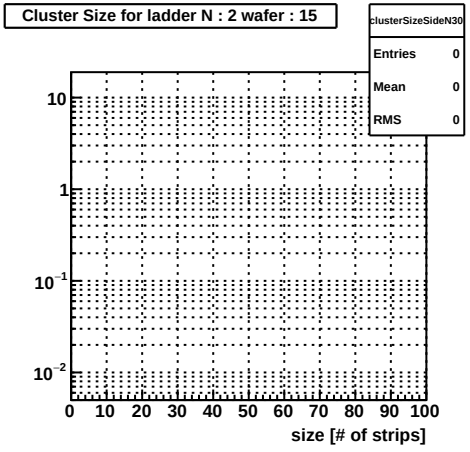

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

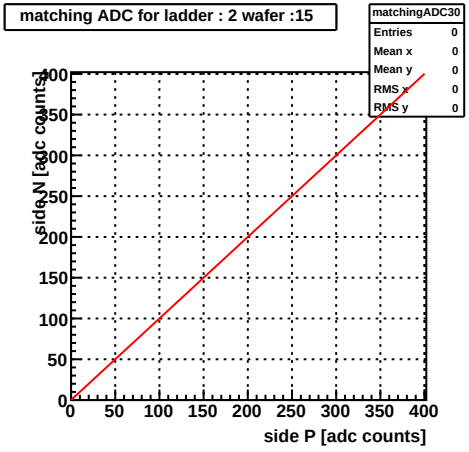

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

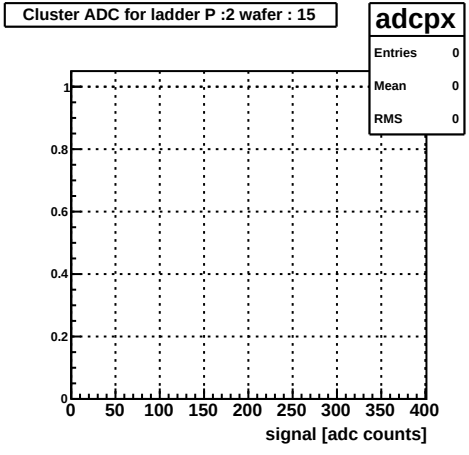

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

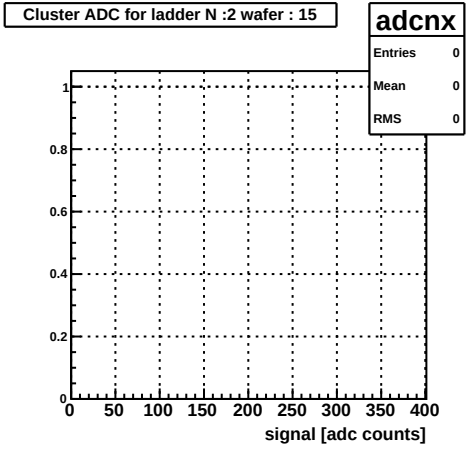

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

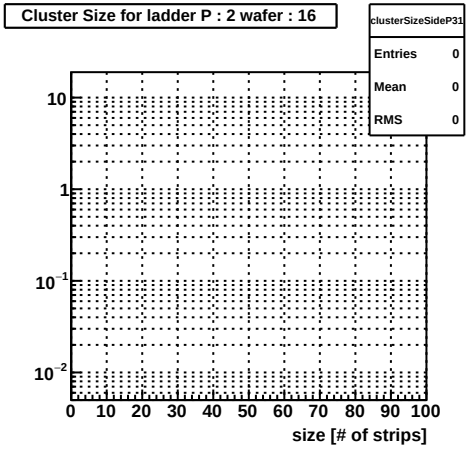

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

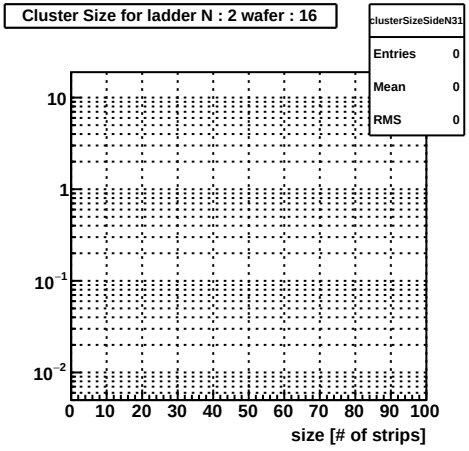

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

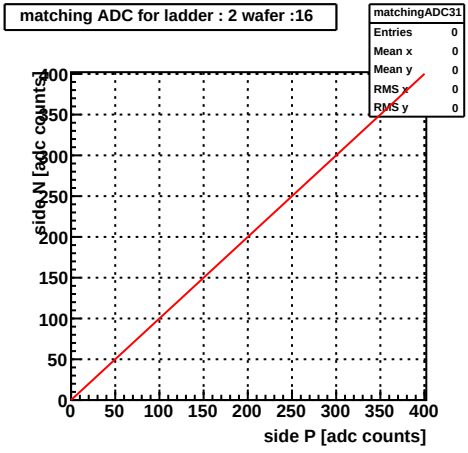

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

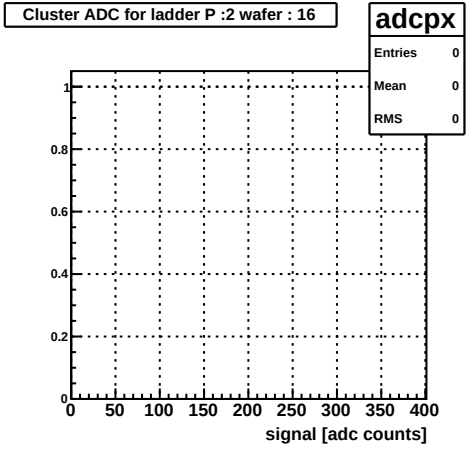

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

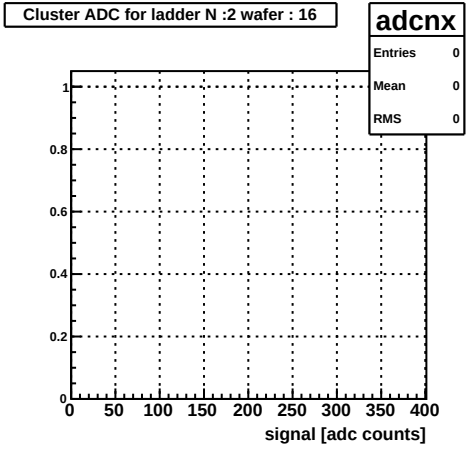

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

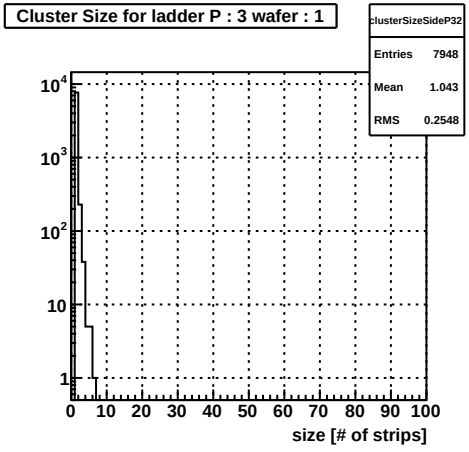

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

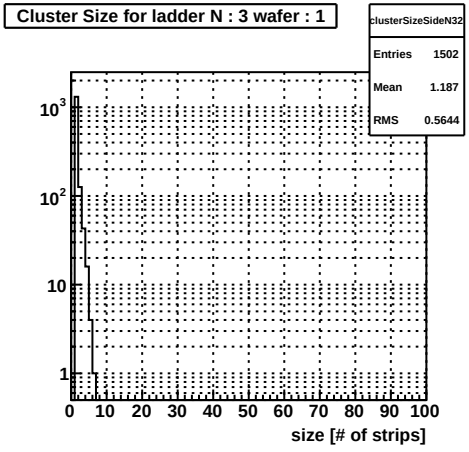

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

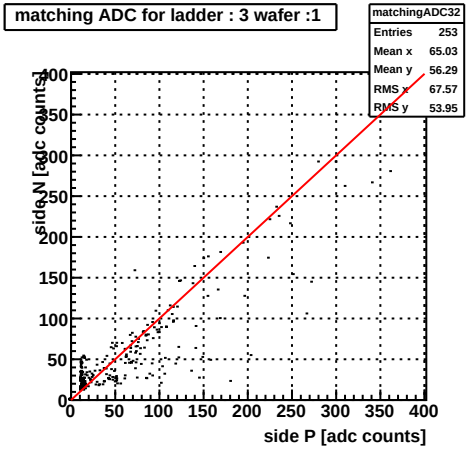

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

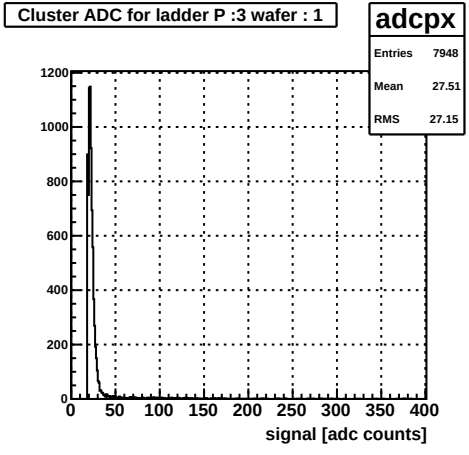

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

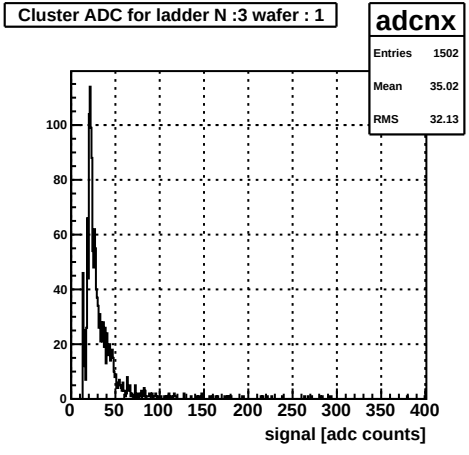

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

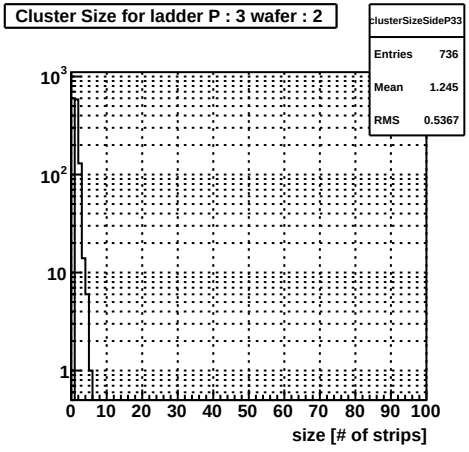

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 7948
Mean 1.043
RMS 0.2548
size [# of strips]

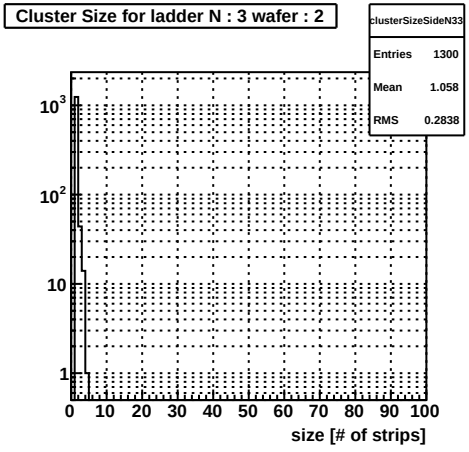

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1502
Mean 1.187
RMS 0.5644
size [# of strips]

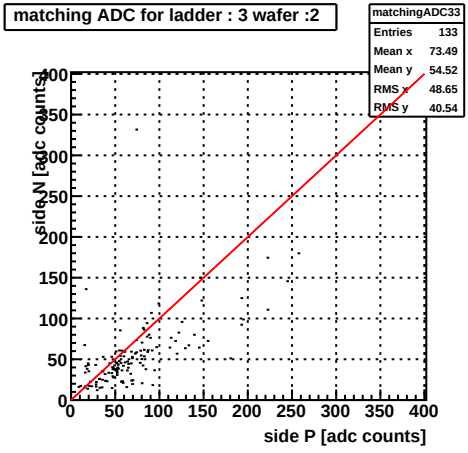

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 253
Mean x 65.03
Mean y 56.29
RMS x 67.57
RMS y 53.95
side N [adc counts]
side P [adc counts]

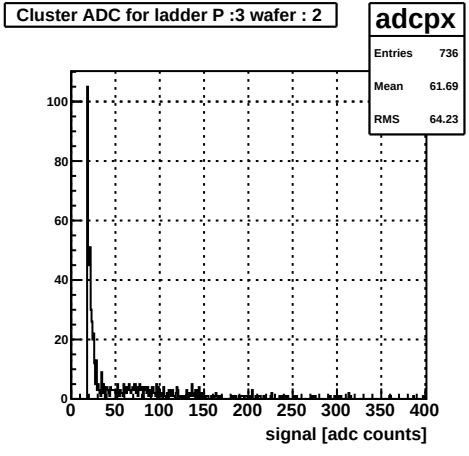

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 7948
Mean 27.51
RMS 27.15
signal [adc counts]

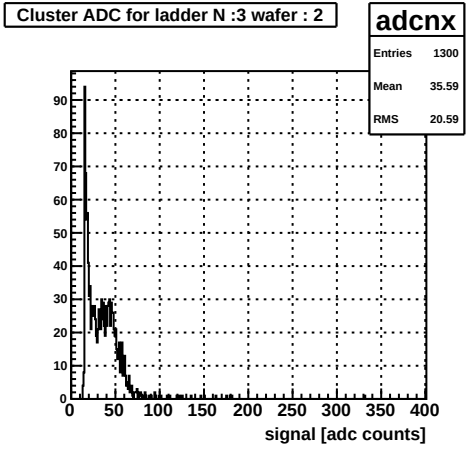

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1502
Mean 35.02
RMS 32.13
signal [adc counts]

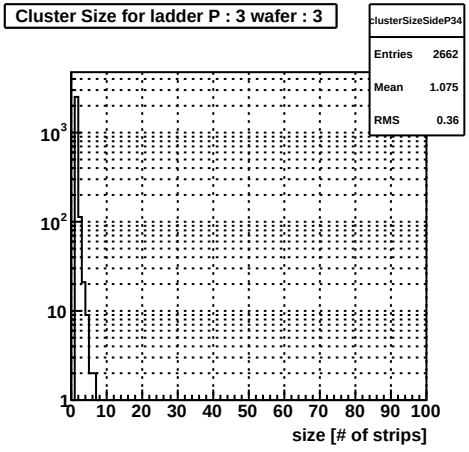

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 736
Mean 1.245
RMS 0.5367
size [# of strips]

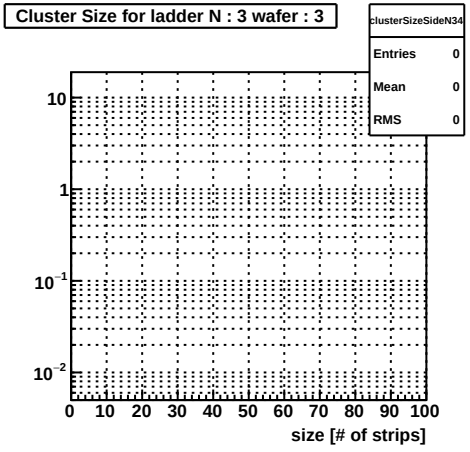

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1300
Mean 1.058
RMS 0.2838
size [# of strips]

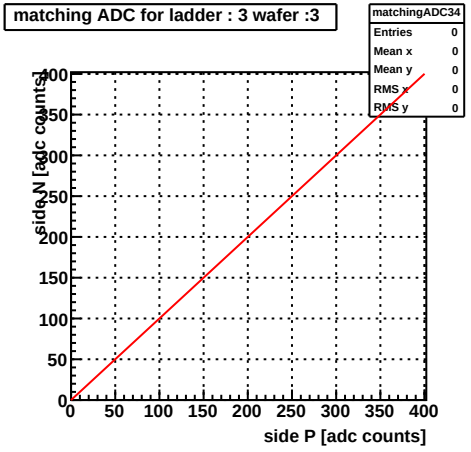

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 133
Mean x 73.49
Mean y 54.52
RMS x 48.65
RMS y 40.54
side N [adc counts]
side P [adc counts]

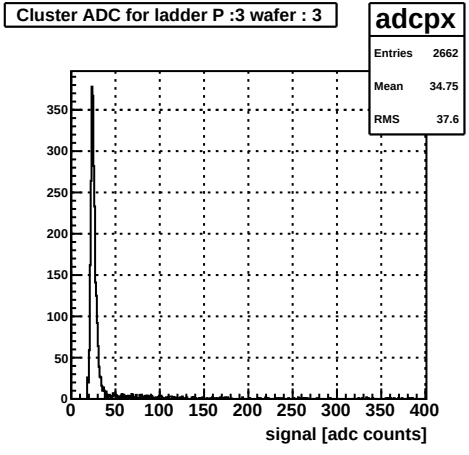

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 736
Mean 61.69
RMS 64.23
signal [adc counts]

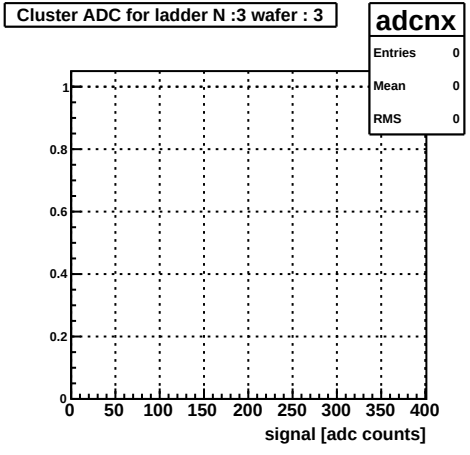

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1300
Mean 35.59
RMS 20.59
signal [adc counts]

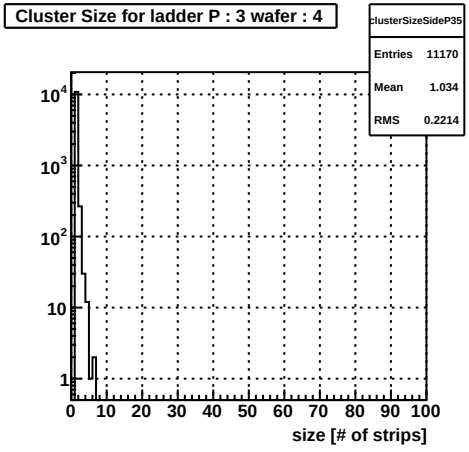

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2662
Mean 1.075
RMS 0.36
size [# of strips]

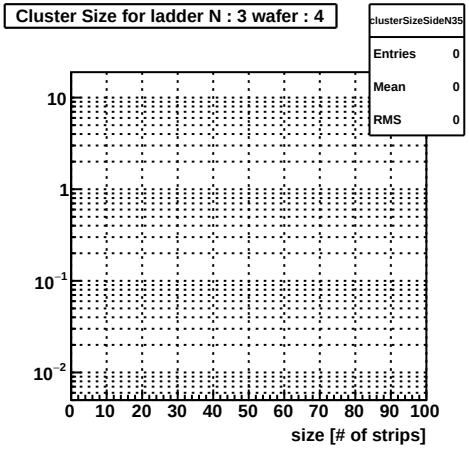

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

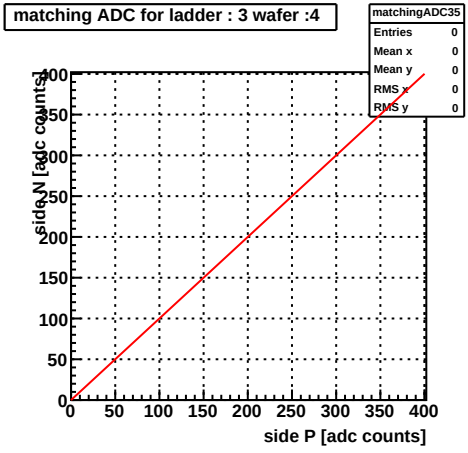

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

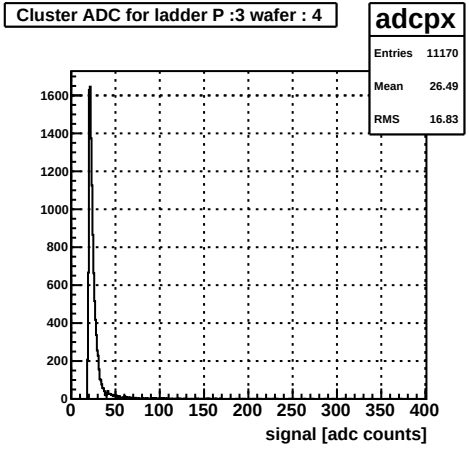

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2662
Mean 34.75
RMS 37.6
signal [adc counts]

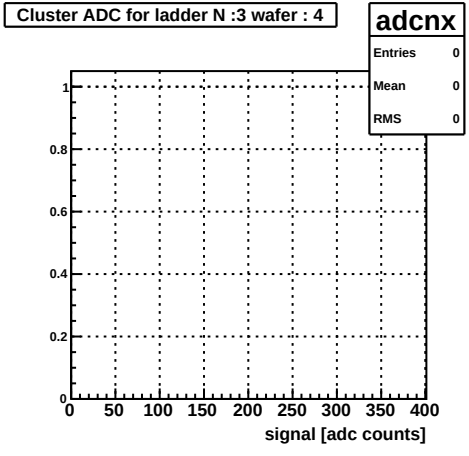

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

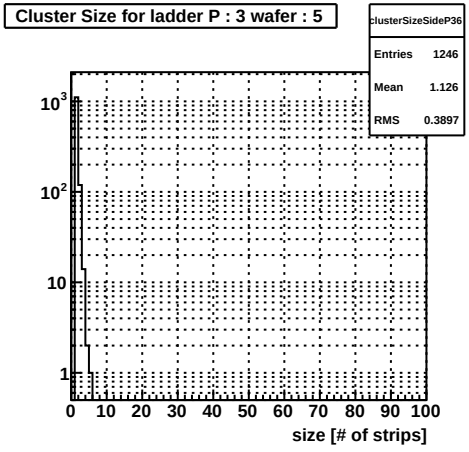

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 11170
Mean 1.034
RMS 0.2214
size [# of strips]

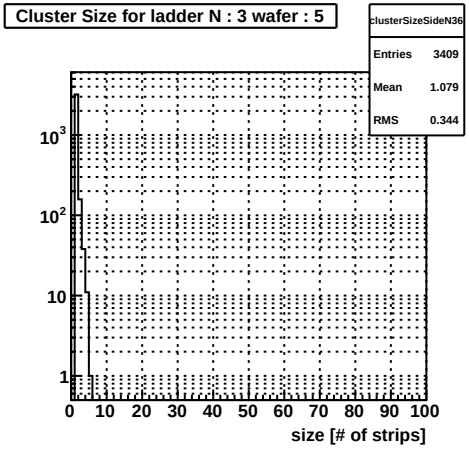

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

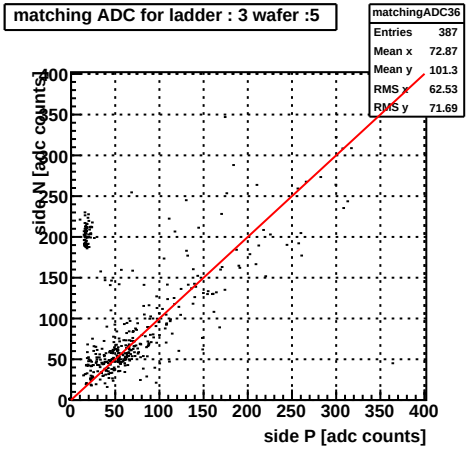

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

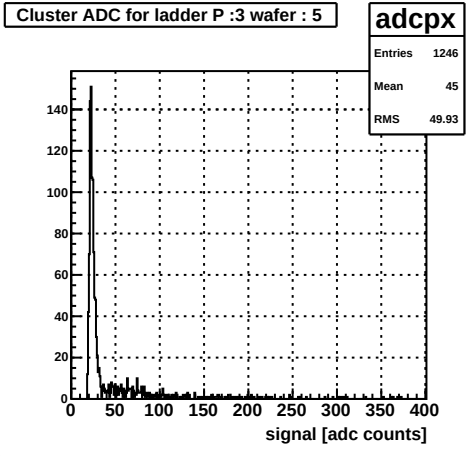

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 11170
Mean 26.49
RMS 16.83
signal [adc counts]

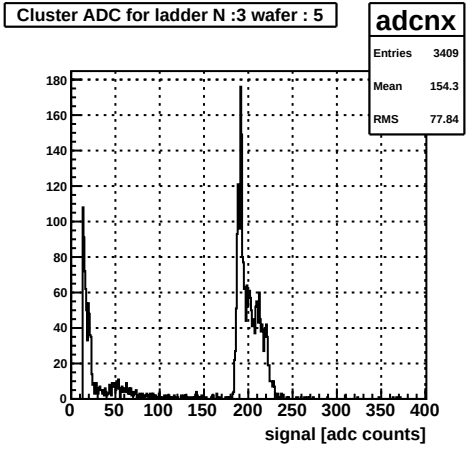

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

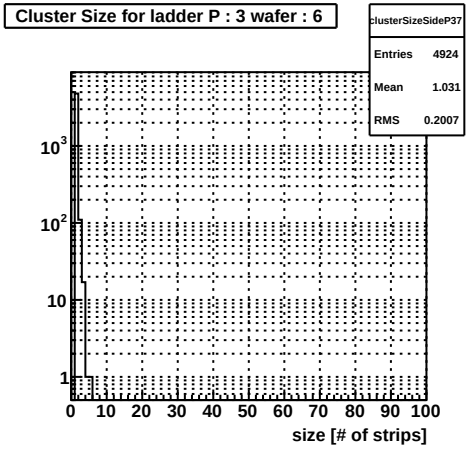

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1246
Mean 1.126
RMS 0.3897
size [# of strips]

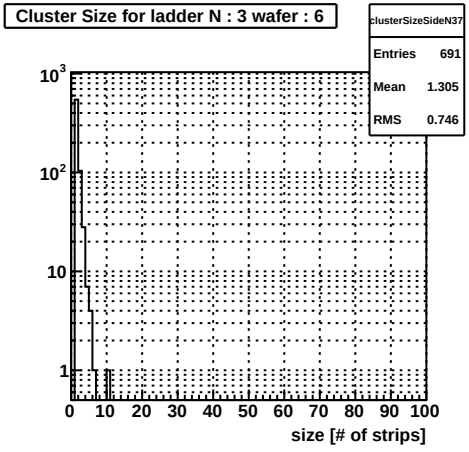

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3409
Mean 1.079
RMS 0.344
size [# of strips]

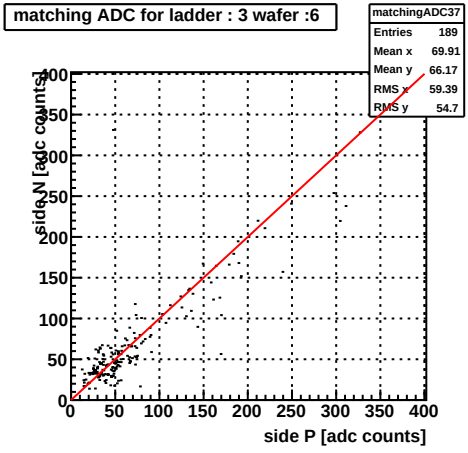

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 387
Mean x 72.87
Mean y 101.3
RMS x 62.53
RMS y 71.69
side N [adc counts]
side P [adc counts]

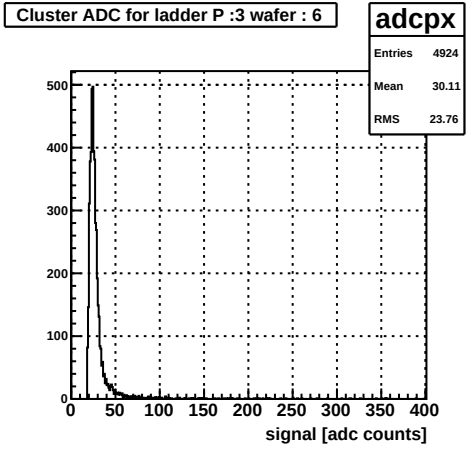

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1246
Mean 45
RMS 49.93
signal [adc counts]

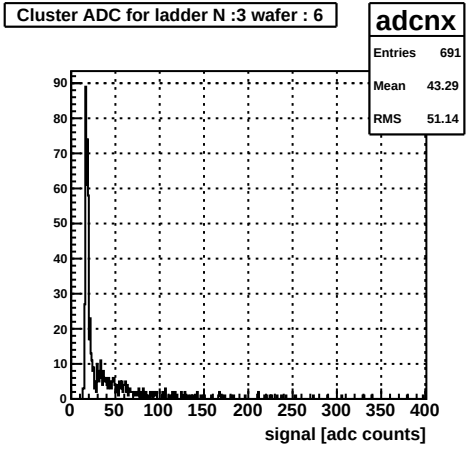

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3409
Mean 154.3
RMS 77.84
signal [adc counts]

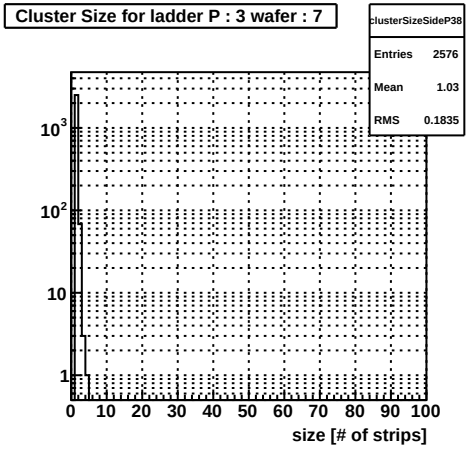

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4924
Mean 1.031
RMS 0.2007
size [# of strips]

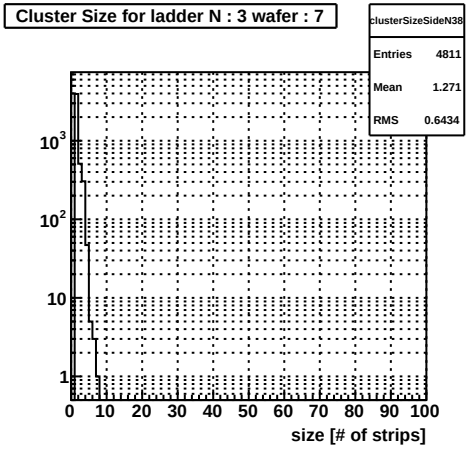

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 691
Mean 1.305
RMS 0.746
size [# of strips]

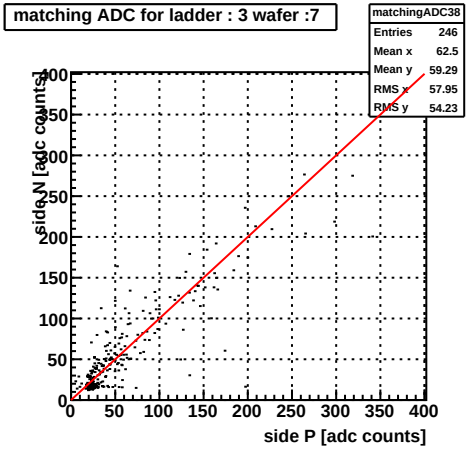

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 189
Mean x 69.91
Mean y 66.17
RMS x 59.39
RMS y 54.7
side N [adc counts]
side P [adc counts]

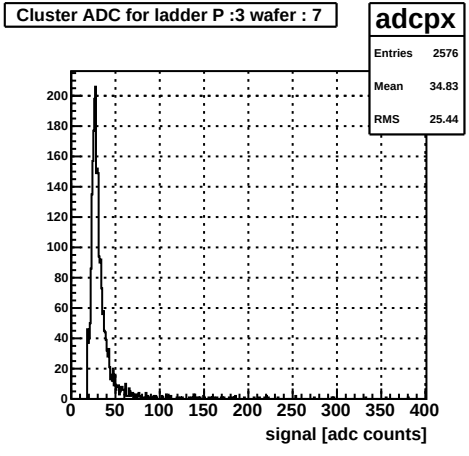

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4924
Mean 30.11
RMS 23.76
signal [adc counts]

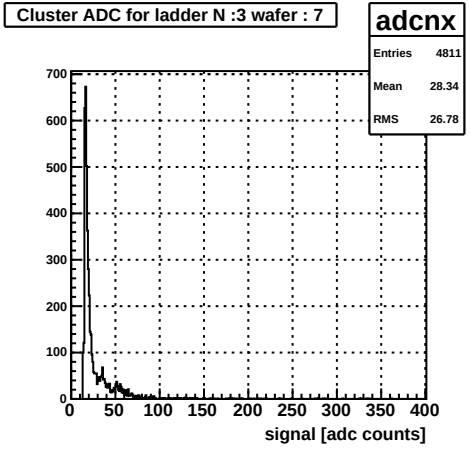

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 691
Mean 43.29
RMS 51.14
signal [adc counts]

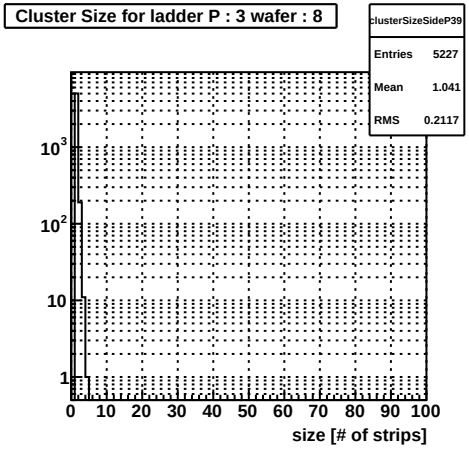

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2576
Mean 1.03
RMS 0.1835
size [# of strips]

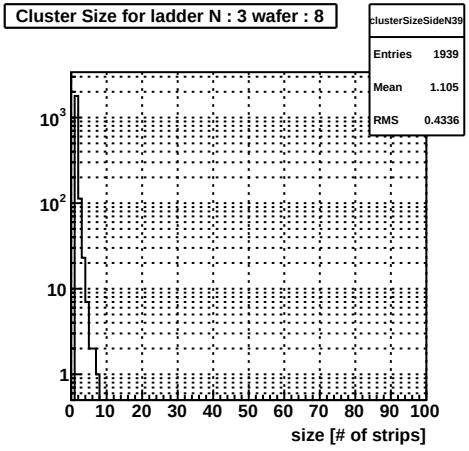

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 4811
Mean 1.271
RMS 0.6434
size [# of strips]

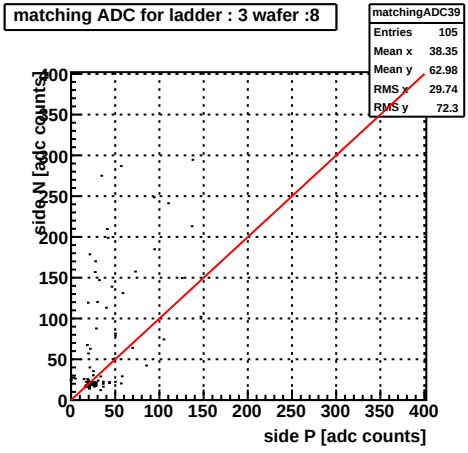

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 246
Mean x 62.5
Mean y 59.29
RMS x 57.95
RMS y 54.23
side N [adc counts]
side P [adc counts]

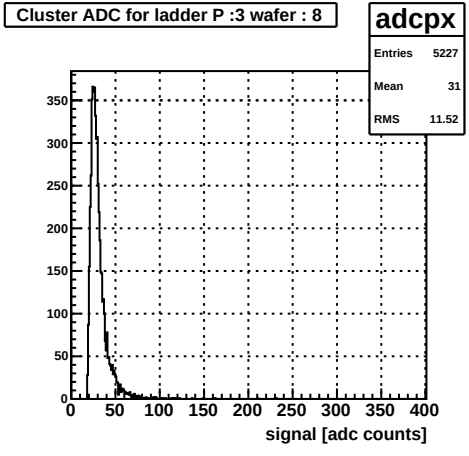

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2576
Mean 34.83
RMS 25.44
signal [adc counts]

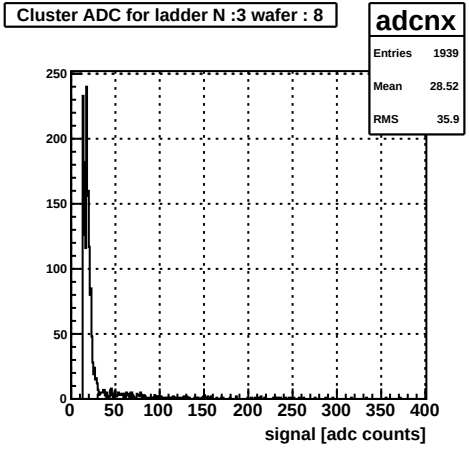

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 4811
Mean 28.34
RMS 26.78
signal [adc counts]

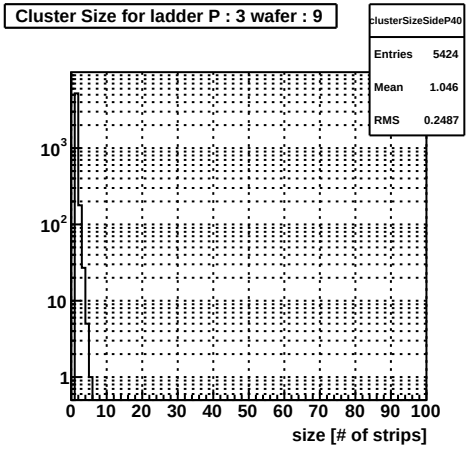

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5227
Mean 1.041
RMS 0.2117
size [# of strips]

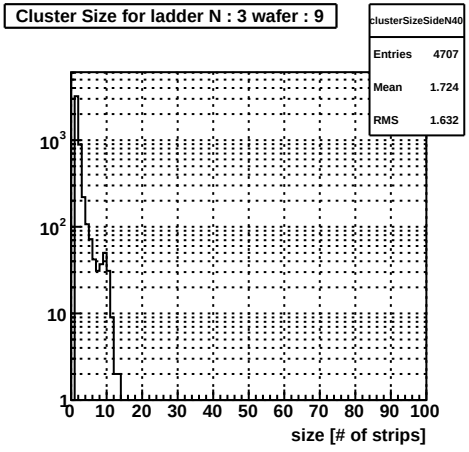

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1939
Mean 1.105
RMS 0.4336
size [# of strips]

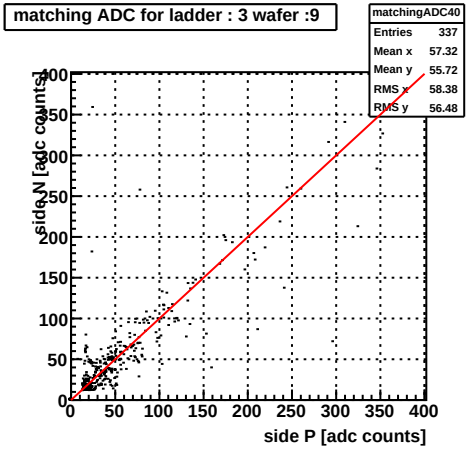

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 105
Mean x 38.35
Mean y 62.98
RMS x 29.74
RMS y 72.3
side N [adc counts]
side P [adc counts]

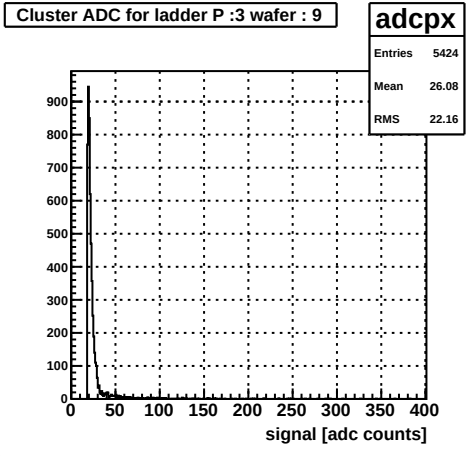

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5227
Mean 31
RMS 11.52
signal [adc counts]

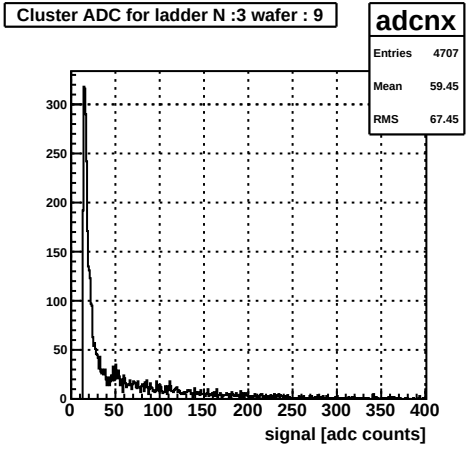

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1939
Mean 28.52
RMS 35.9
signal [adc counts]

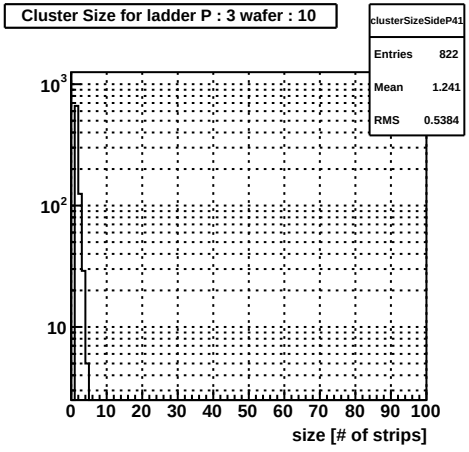

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 5424
Mean 1.046
RMS 0.2487
size [# of strips]

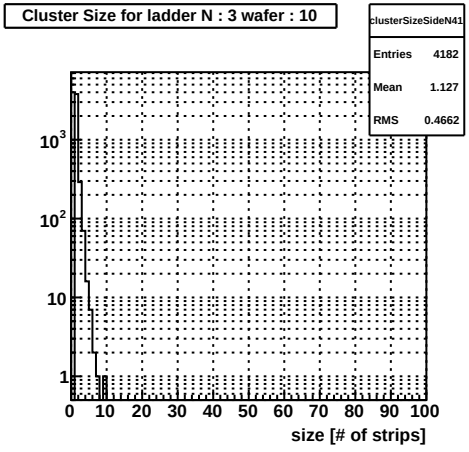

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 4707
Mean 1.724
RMS 1.632
size [# of strips]

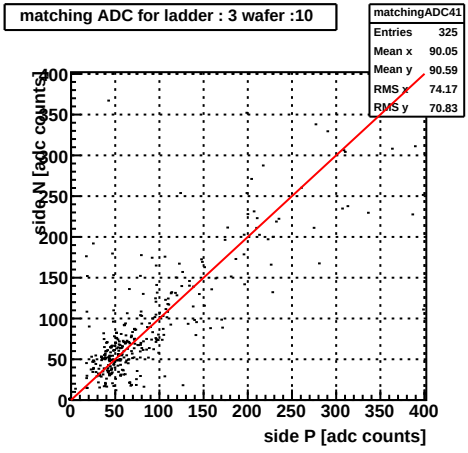

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 337
Mean x 57.32
Mean y 55.72
RMS x 58.38
RMS y 56.48
side N [adc counts]
side P [adc counts]

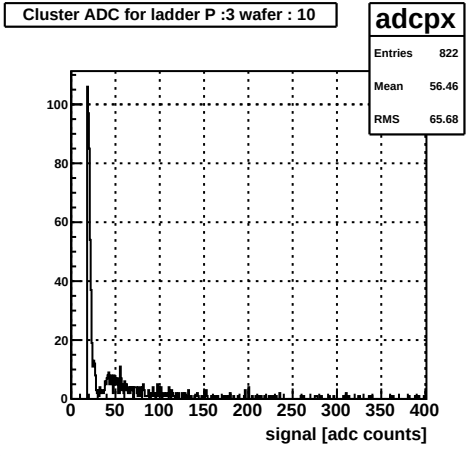

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 5424
Mean 26.08
RMS 22.16
signal [adc counts]

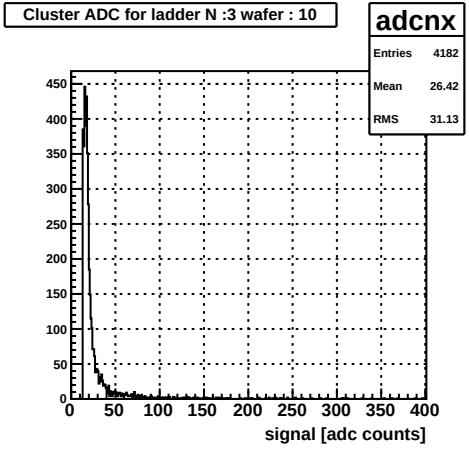

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 4707
Mean 59.45
RMS 67.45
signal [adc counts]

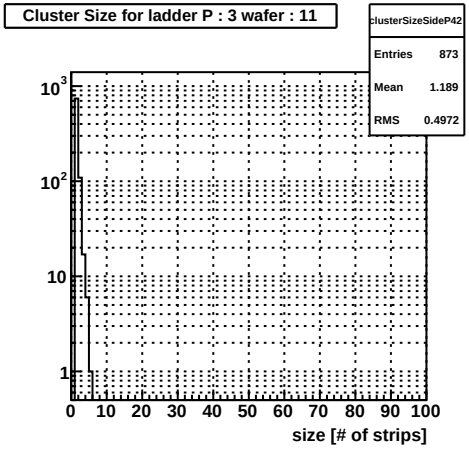

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 822
Mean 1.241
RMS 0.5384
size [# of strips]

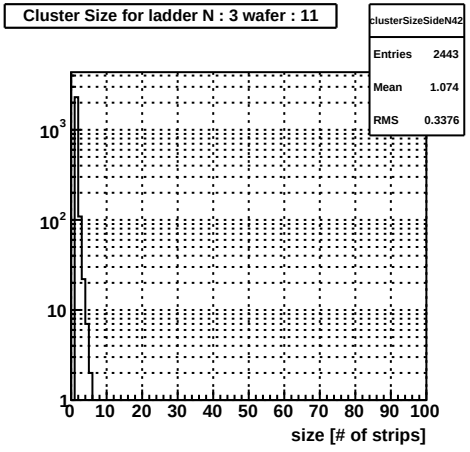

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4182
Mean 1.127
RMS 0.4662
size [# of strips]

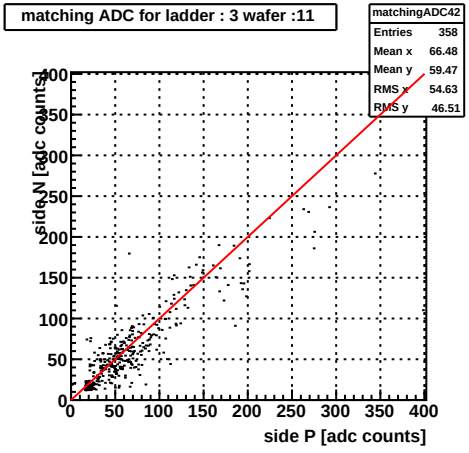

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 325
Mean x 90.05
Mean y 90.59
RMS x 74.17
RMS y 70.83
side N [adc counts]
side P [adc counts]

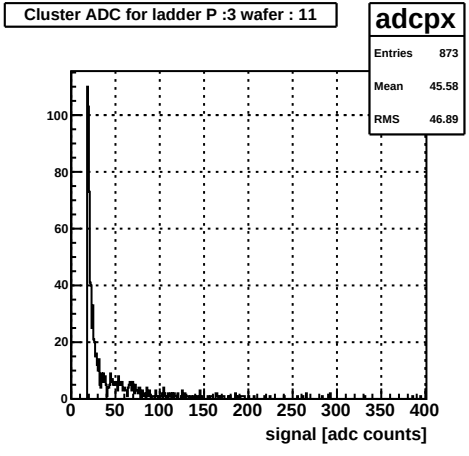

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 822
Mean 56.46
RMS 65.68
signal [adc counts]

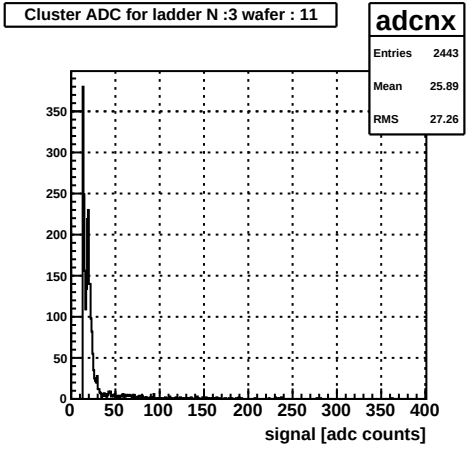

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4182
Mean 26.42
RMS 31.13
signal [adc counts]

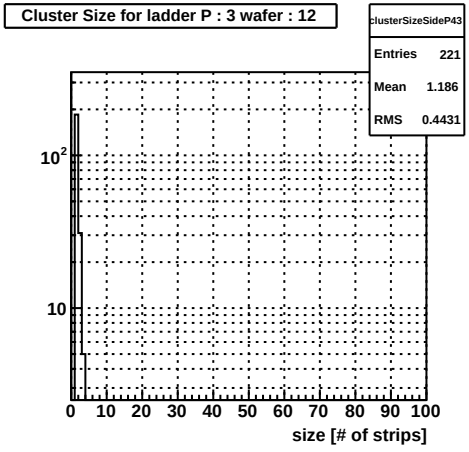

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 873
Mean 1.189
RMS 0.4972
size [# of strips]

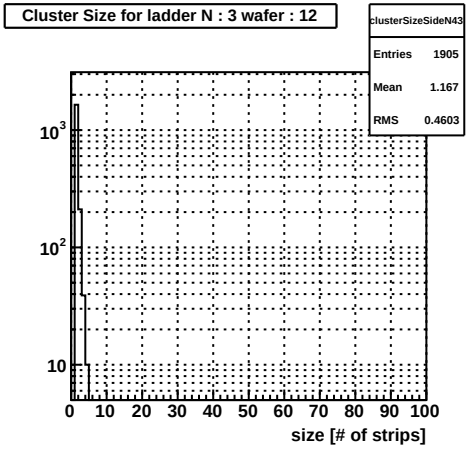

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2443
Mean 1.074
RMS 0.3376
size [# of strips]

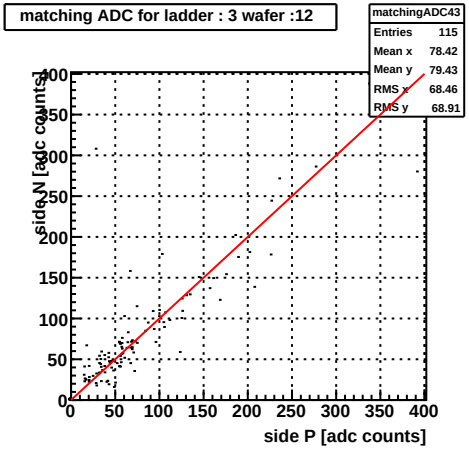

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 358
Mean x 66.48
Mean y 59.47
RMS x 54.63
RMS y 46.51
side N [adc counts]
side P [adc counts]

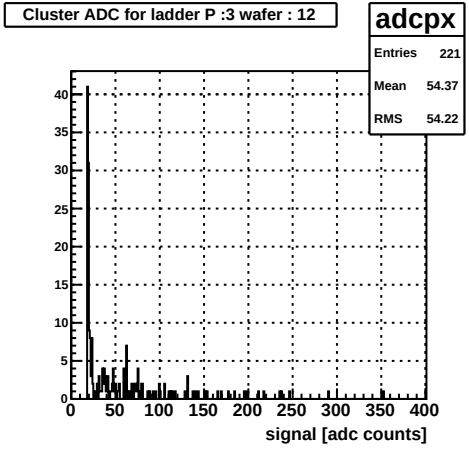

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 873
Mean 45.58
RMS 46.89
signal [adc counts]

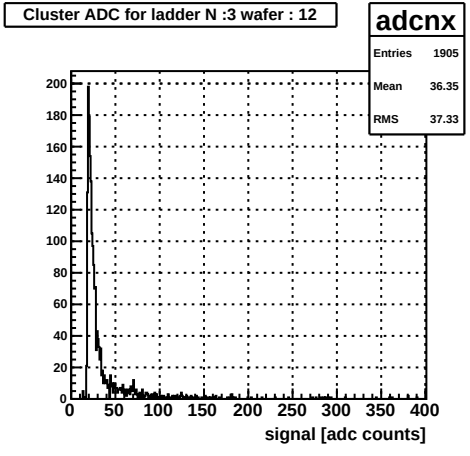

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2443
Mean 25.89
RMS 27.26
signal [adc counts]

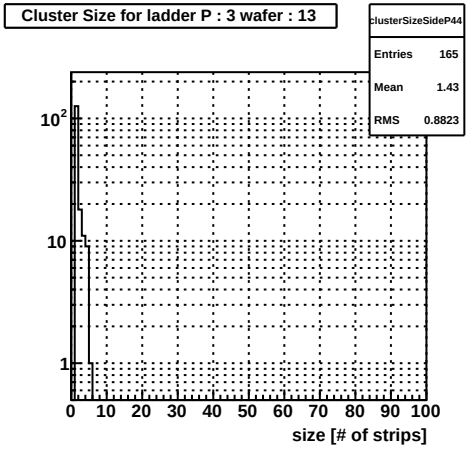

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 221
Mean 1.186
RMS 0.4431
size [# of strips]

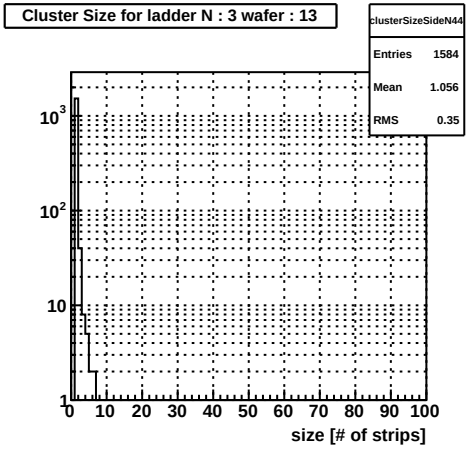

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1905
Mean 1.167
RMS 0.4603
size [# of strips]

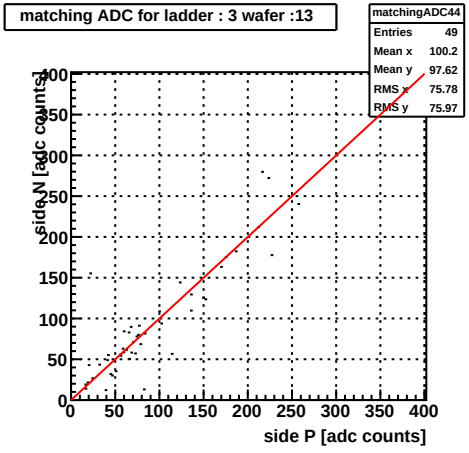

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 115
Mean x 78.42
Mean y 79.43
RMS x 68.46
RMS y 68.91
side N [adc counts]
side P [adc counts]

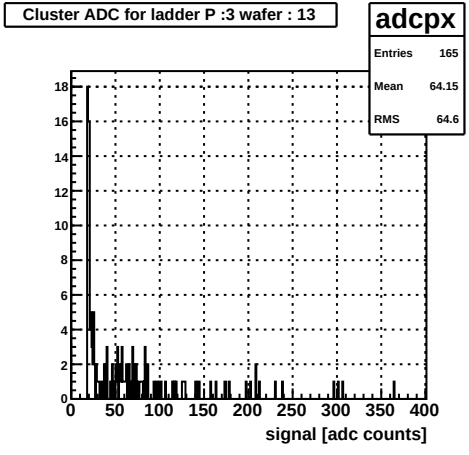

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 221
Mean 54.37
RMS 54.22
signal [adc counts]

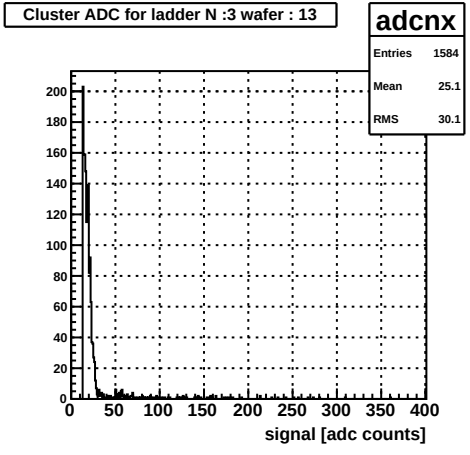

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1905
Mean 36.35
RMS 37.33
signal [adc counts]

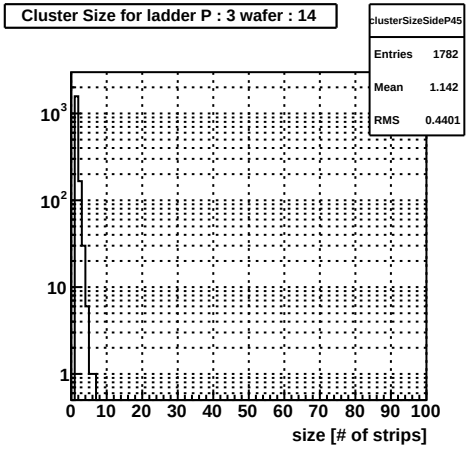

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 165
Mean 1.43
RMS 0.8823
size [# of strips]

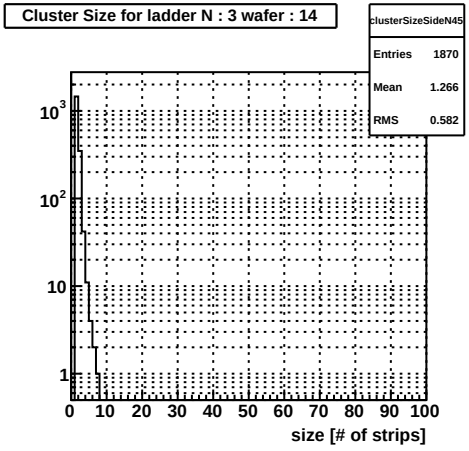

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1584
Mean 1.056
RMS 0.35
size [# of strips]

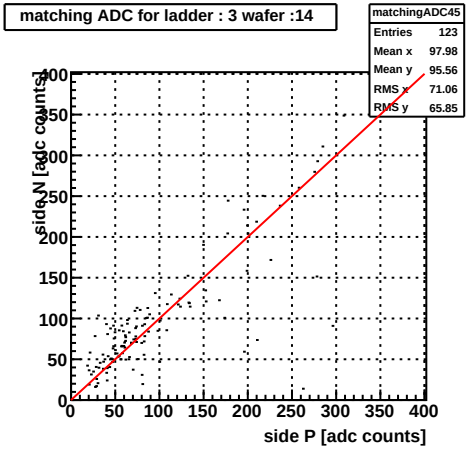

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 49
Mean x 100.2
Mean y 97.62
RMS x 75.78
RMS y 75.97
side N [adc counts]
side P [adc counts]

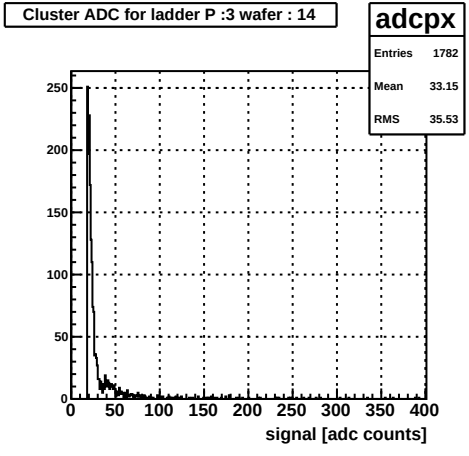

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 165
Mean 64.15
RMS 64.6
signal [adc counts]

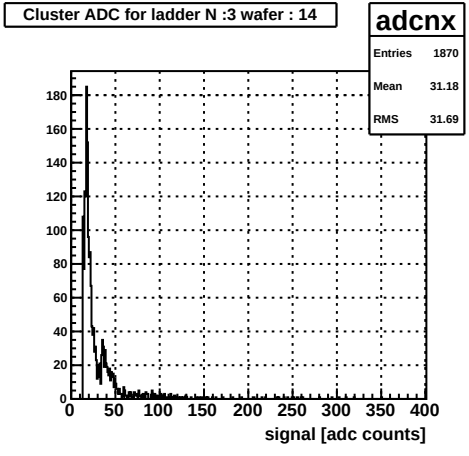

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1584
Mean 25.1
RMS 30.1
signal [adc counts]

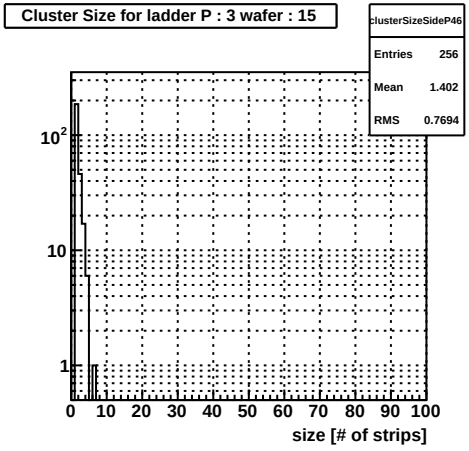

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1782
Mean 1.142
RMS 0.4401
size [# of strips]

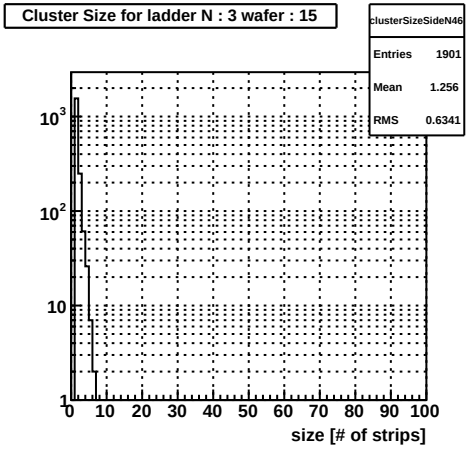

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1870
Mean 1.266
RMS 0.582
size [# of strips]

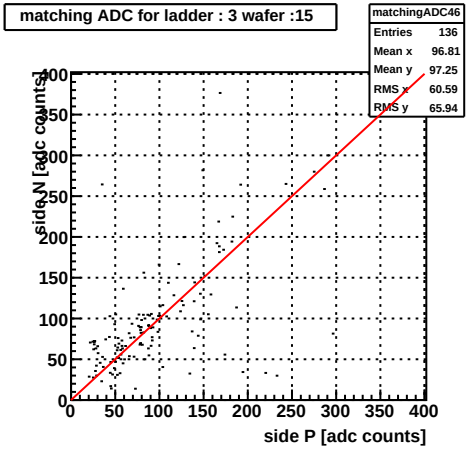

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 123
Mean x 97.98
Mean y 95.56
RMS x 71.06
RMS y 65.85
side N [adc counts]
side P [adc counts]

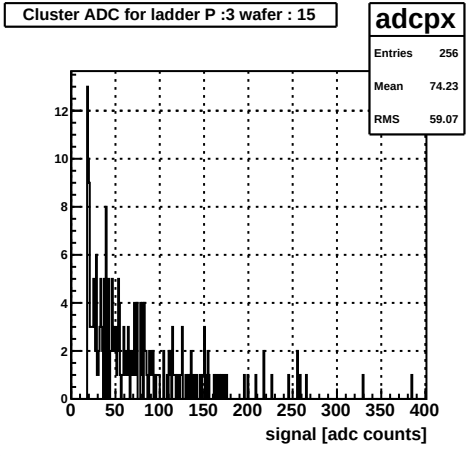

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1782
Mean 33.15
RMS 35.53
signal [adc counts]

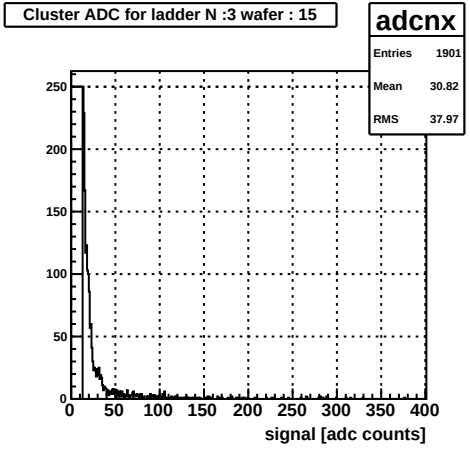

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1870
Mean 31.18
RMS 31.69
signal [adc counts]

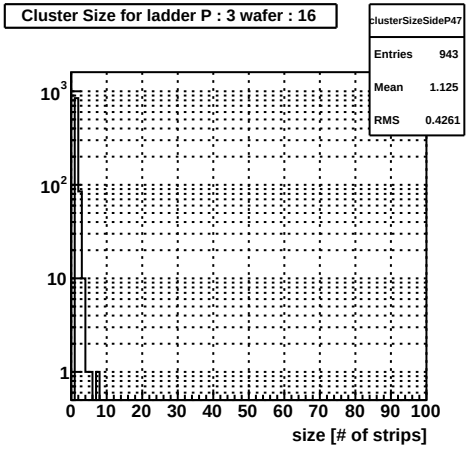

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 256
Mean 1.402
RMS 0.7694
size [# of strips]

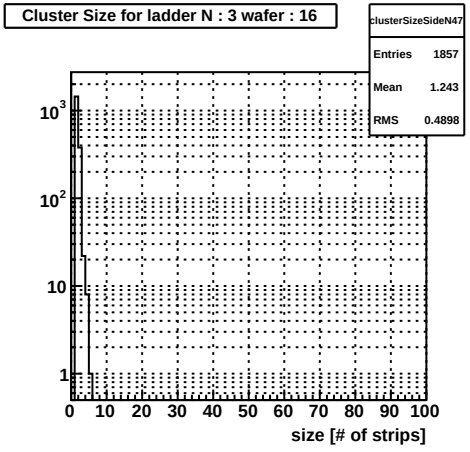

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1901
Mean 1.256
RMS 0.6341
size [# of strips]

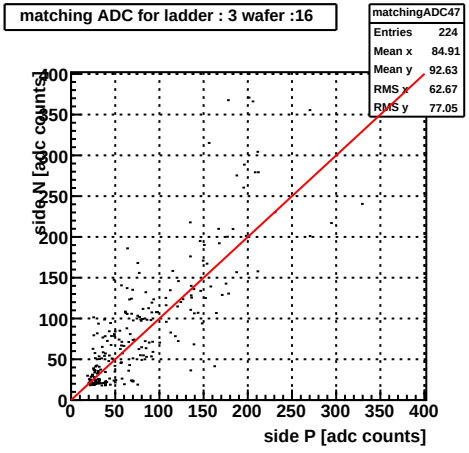

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 136
Mean x 96.81
Mean y 97.25
RMS x 60.59
RMS y 65.94
side N [adc counts]
side P [adc counts]

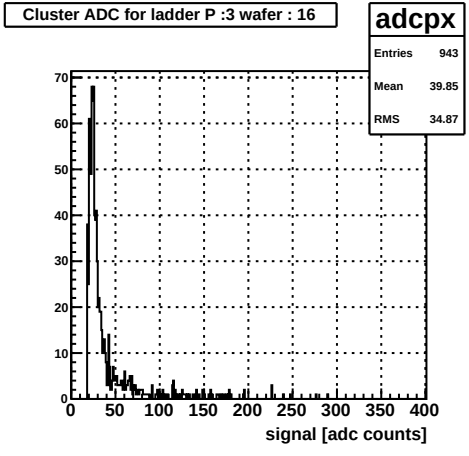

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 256
Mean 74.23
RMS 59.07
signal [adc counts]

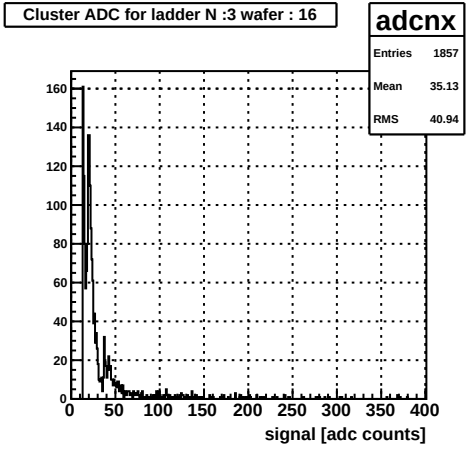

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1901
Mean 30.82
RMS 37.97
signal [adc counts]

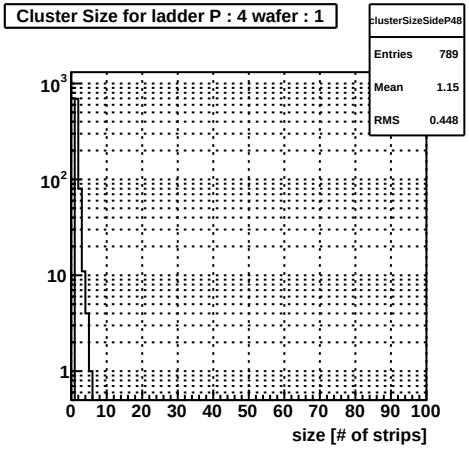

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 943
Mean 1.125
RMS 0.4261
size [# of strips]

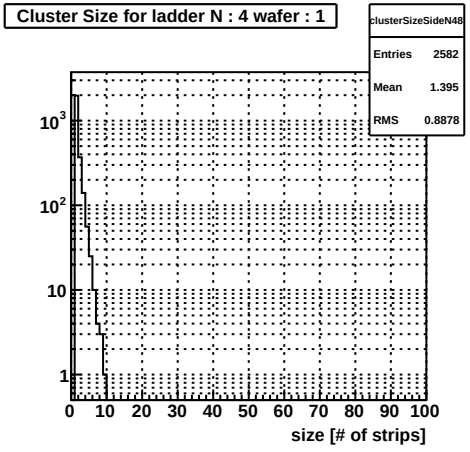

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1857
Mean 1.243
RMS 0.4898
size [# of strips]

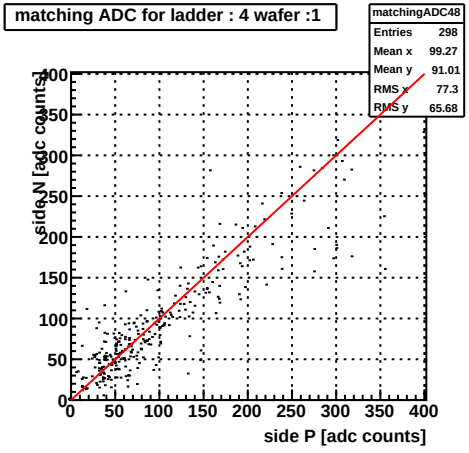

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 224
Mean x 84.91
Mean y 92.63
RMS x 62.67
RMS y 77.05
side N [adc counts]
side P [adc counts]

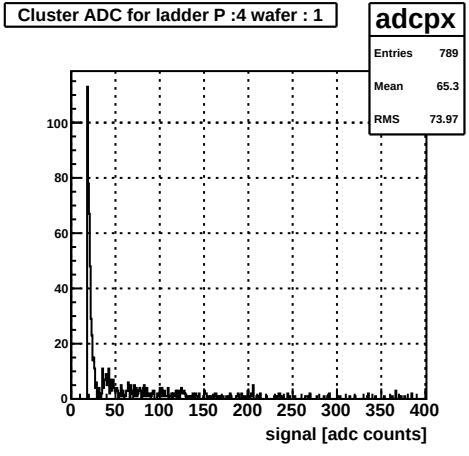

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 943
Mean 39.85
RMS 34.87
signal [adc counts]

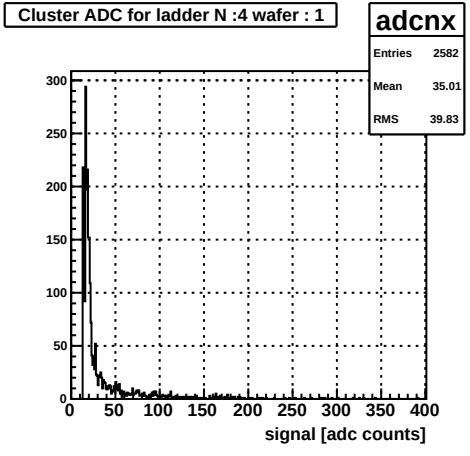

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1857
Mean 35.13
RMS 40.94
signal [adc counts]

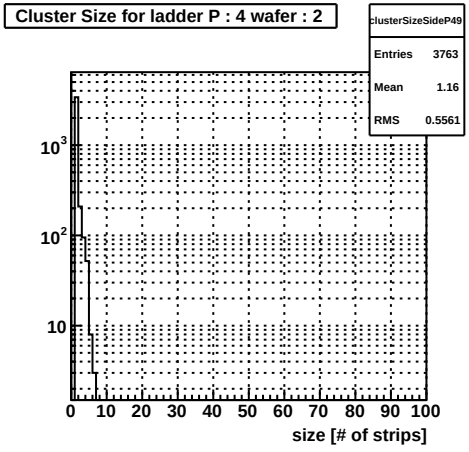

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 789
Mean 1.15
RMS 0.448
size [# of strips]

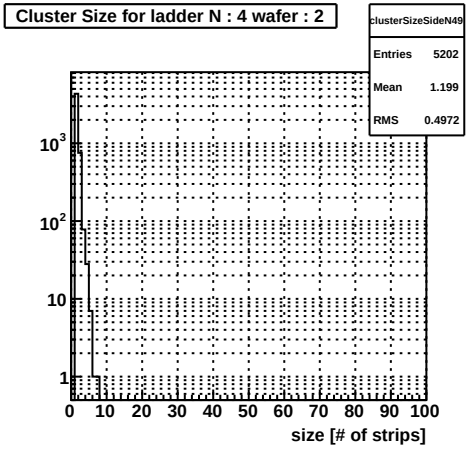

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2582
Mean 1.395
RMS 0.8878
size [# of strips]

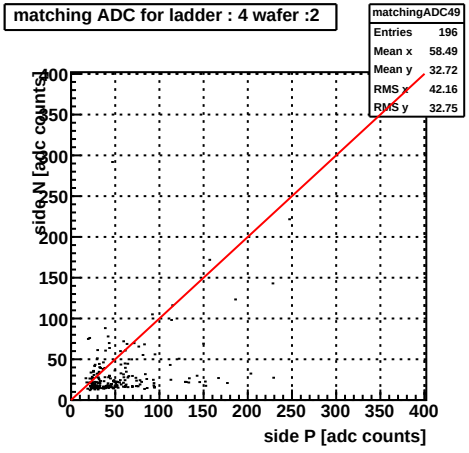

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 298
Mean x 99.27
Mean y 91.01
RMS x 77.3
RMS y 65.68
side N [adc counts]
side P [adc counts]

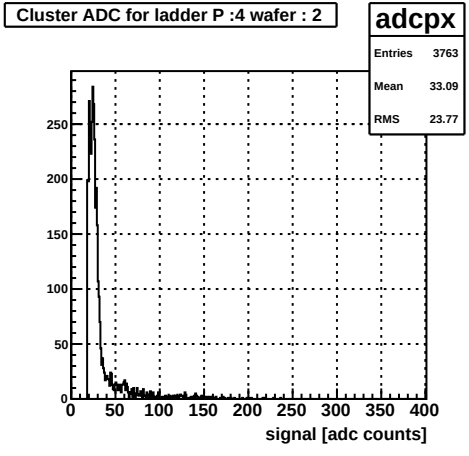

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 789
Mean 65.3
RMS 73.97
signal [adc counts]

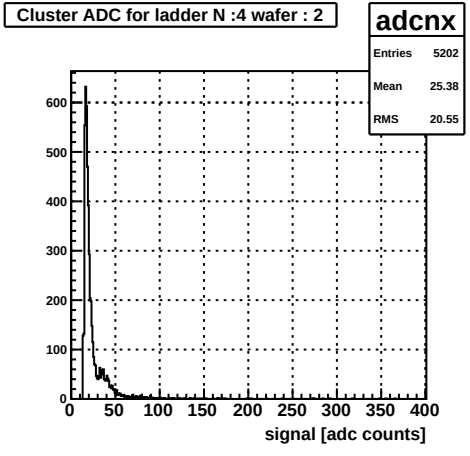

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2582
Mean 35.01
RMS 39.83
signal [adc counts]

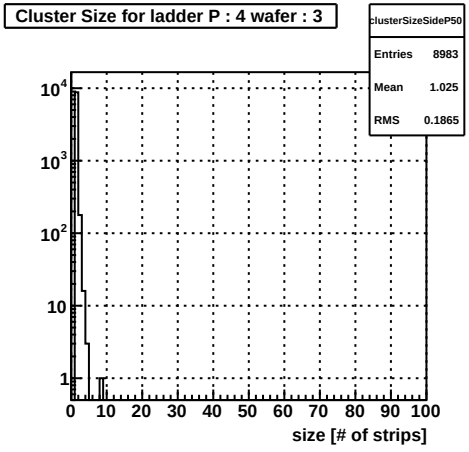

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3763
Mean 1.16
RMS 0.5561
size [# of strips]

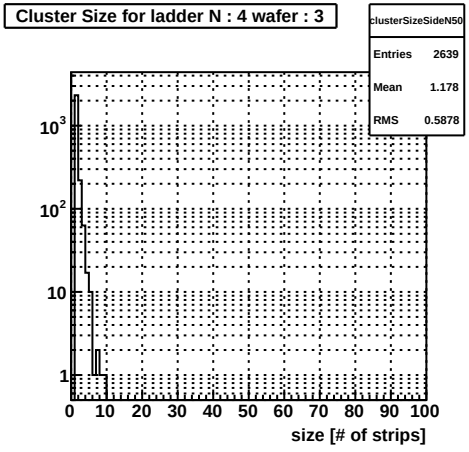

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5202
Mean 1.199
RMS 0.4972
size [# of strips]

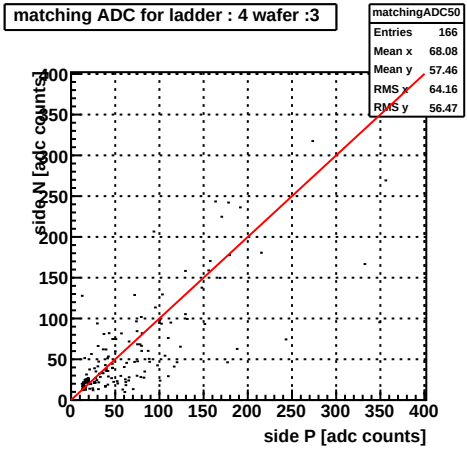

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 196
Mean x 58.49
Mean y 32.72
RMS x 42.16
RMS y 32.75
side N [adc counts]
side P [adc counts]

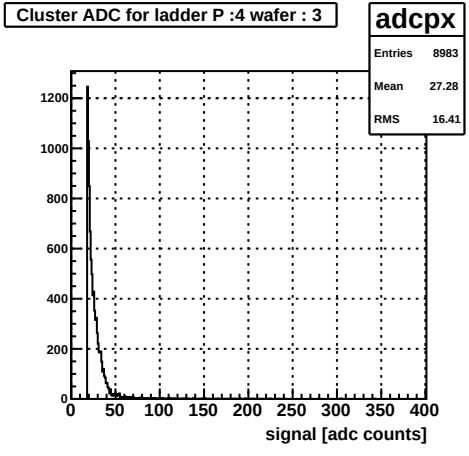

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3763
Mean 33.09
RMS 23.77
signal [adc counts]

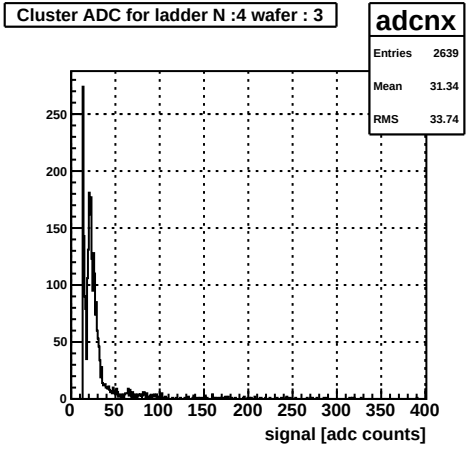

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5202
Mean 25.38
RMS 20.55
signal [adc counts]

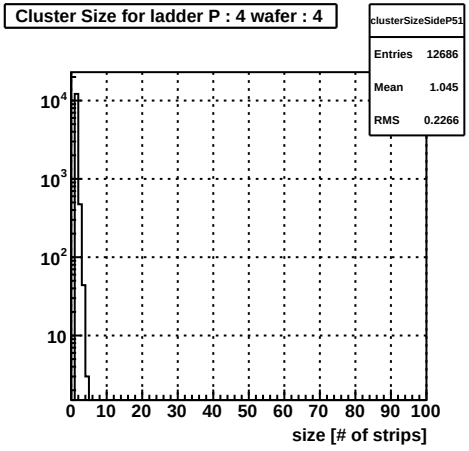

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8983
Mean 1.025
RMS 0.1865
size [# of strips]

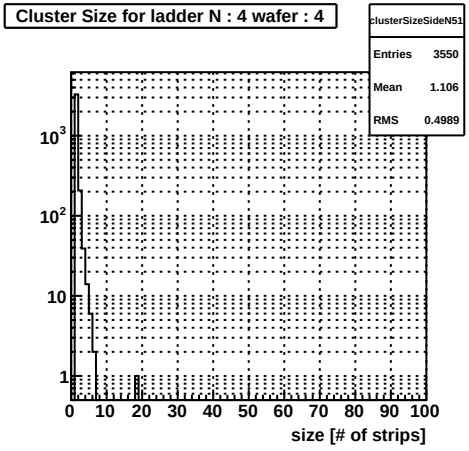

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2639
Mean 1.178
RMS 0.5878
size [# of strips]

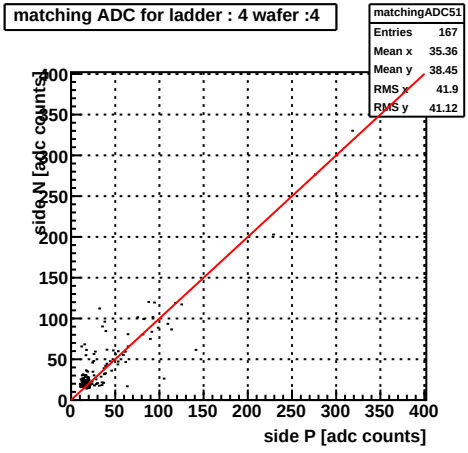

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 166
Mean x 68.08
Mean y 57.46
RMS x 64.16
RMS y 56.47
side N [adc counts]
side P [adc counts]

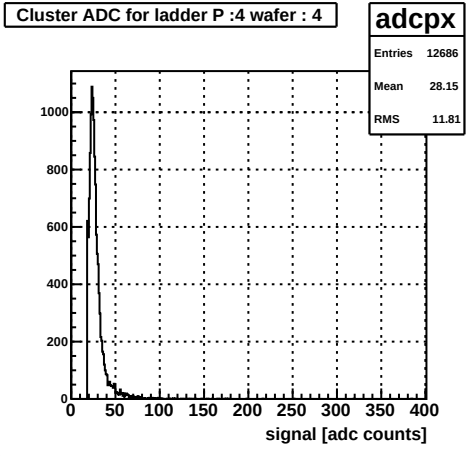

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8983
Mean 27.28
RMS 16.41
signal [adc counts]

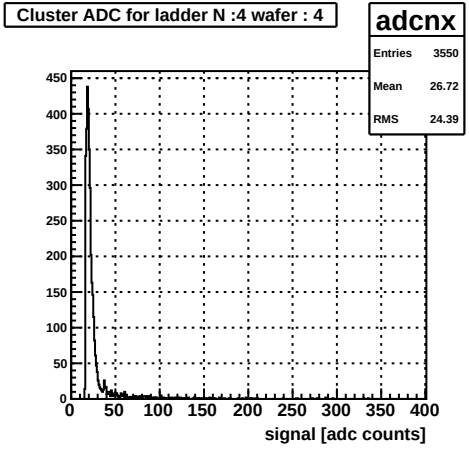

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2639
Mean 31.34
RMS 33.74
signal [adc counts]

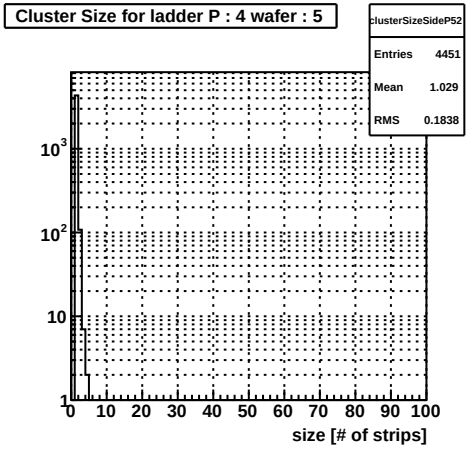

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 12686
Mean 1.045
RMS 0.2266
size [# of strips]

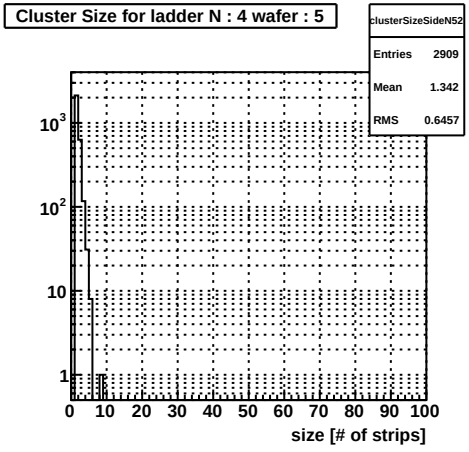

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3550
Mean 1.106
RMS 0.4989
size [# of strips]

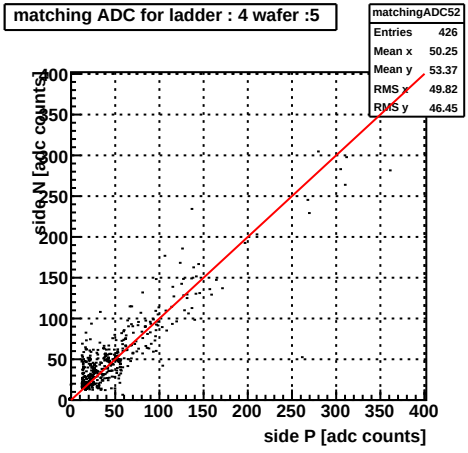

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 167
Mean x 35.36
Mean y 38.45
RMS x 41.9
RMS y 41.12
side N [adc counts]
side P [adc counts]

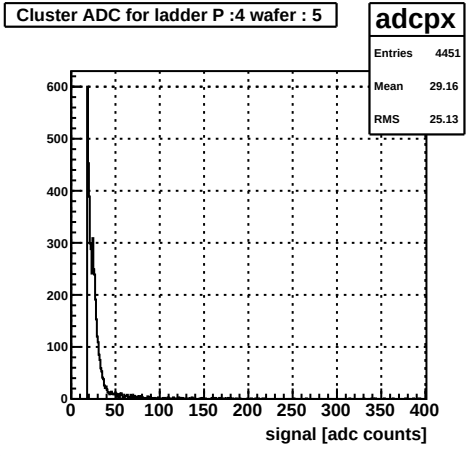

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 12686
Mean 28.15
RMS 11.81
signal [adc counts]

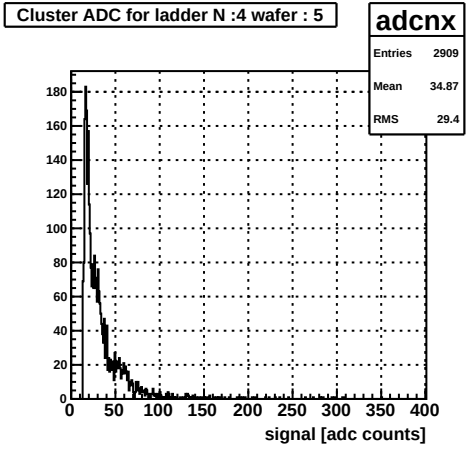

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3550
Mean 26.72
RMS 24.39
signal [adc counts]

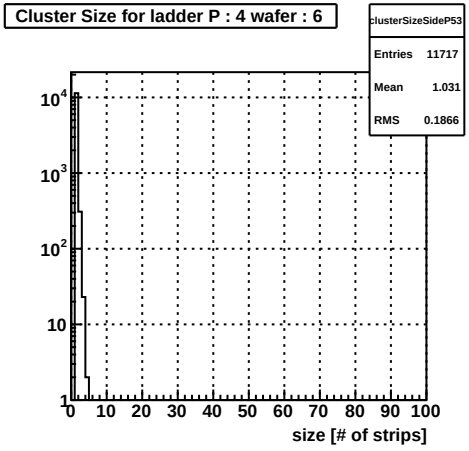

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 4451
Mean 1.029
RMS 0.1838
size [# of strips]

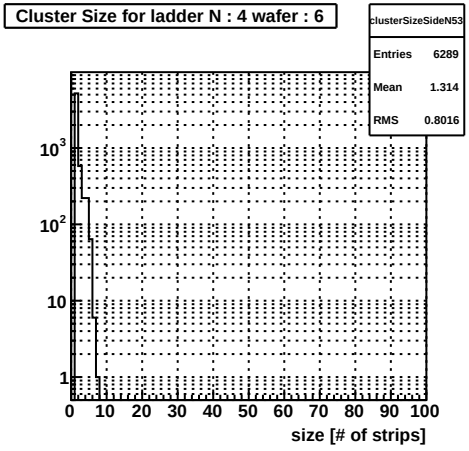

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2909
Mean 1.342
RMS 0.6457
size [# of strips]

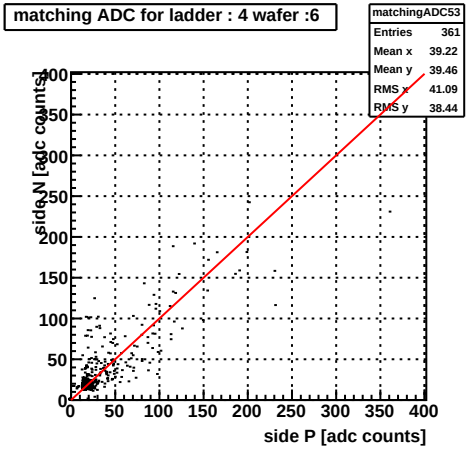

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 426
Mean x 50.25
Mean y 53.37
RMS x 49.82
RMS y 46.45
side N [adc counts]
side P [adc counts]

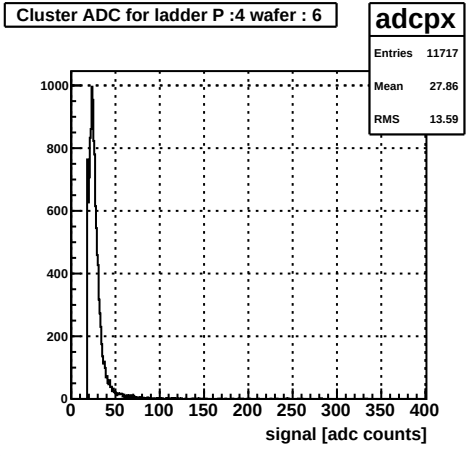

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 4451
Mean 29.16
RMS 25.13
signal [adc counts]

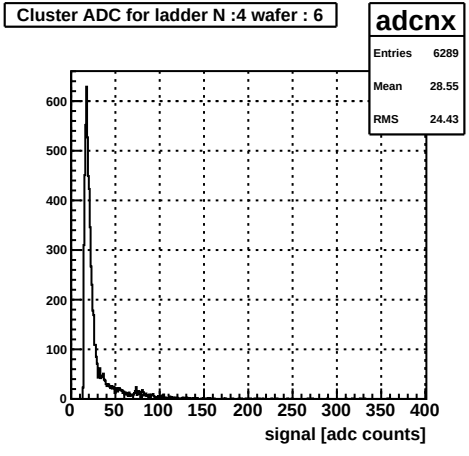

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2909
Mean 34.87
RMS 29.4
signal [adc counts]

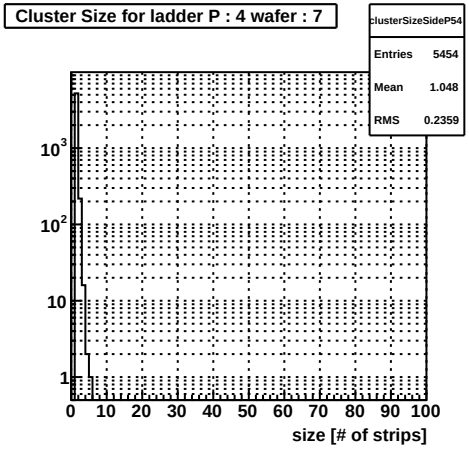

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 11717
Mean 1.031
RMS 0.1866
size [# of strips]

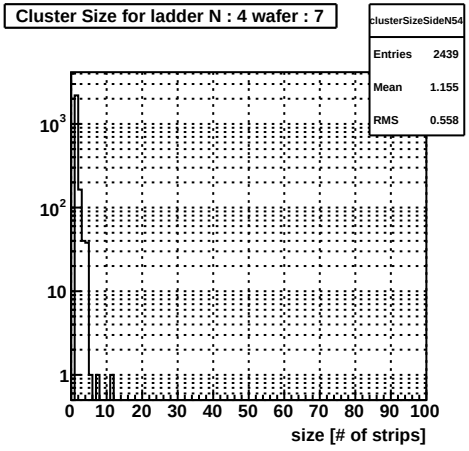

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6289
Mean 1.314
RMS 0.8016
size [# of strips]

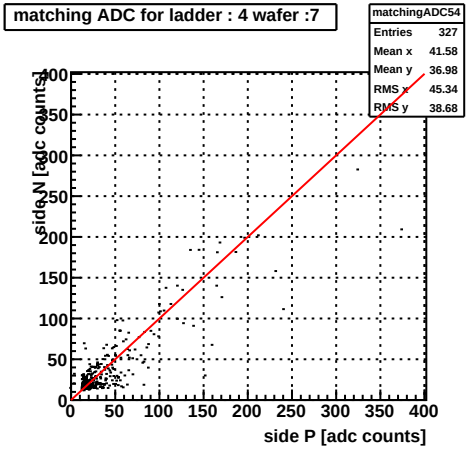

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 361
Mean x 39.22
Mean y 39.46
RMS x 41.09
RMS y 38.44
side N [adc counts]
side P [adc counts]

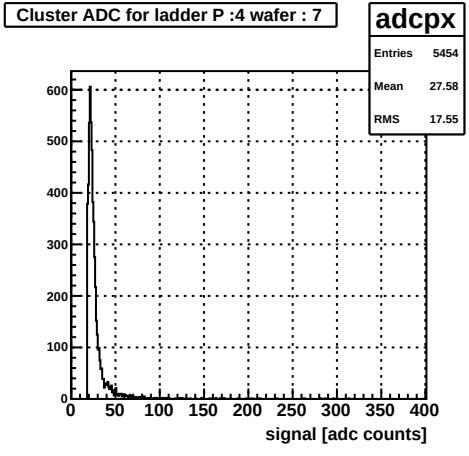

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 11717
Mean 27.86
RMS 13.59
signal [adc counts]

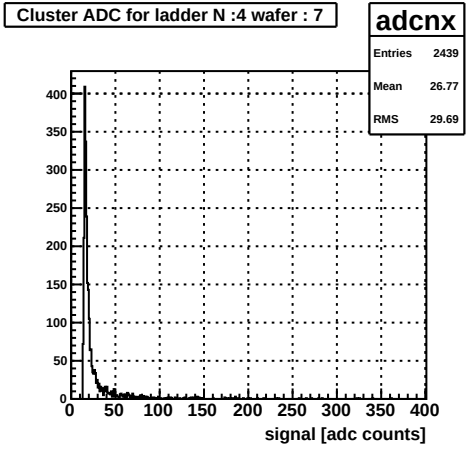

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6289
Mean 28.55
RMS 24.43
signal [adc counts]

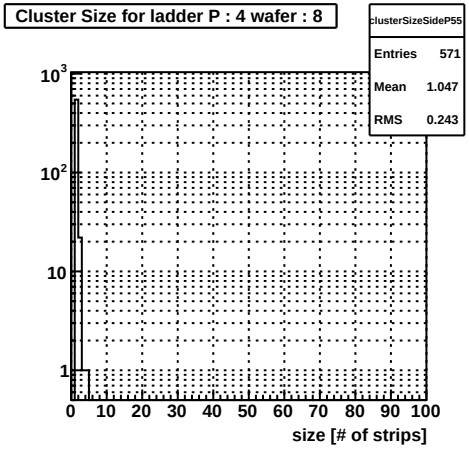

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5454
Mean 1.048
RMS 0.2359
size [# of strips]

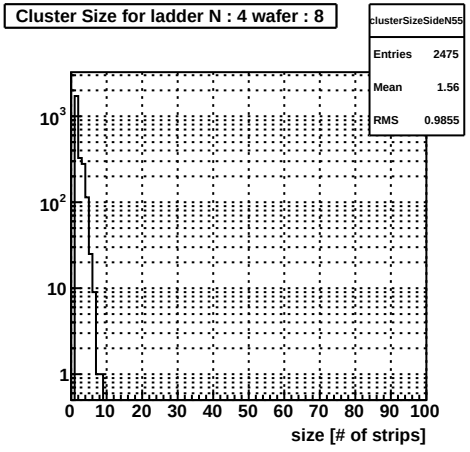

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2439
Mean 1.155
RMS 0.558
size [# of strips]

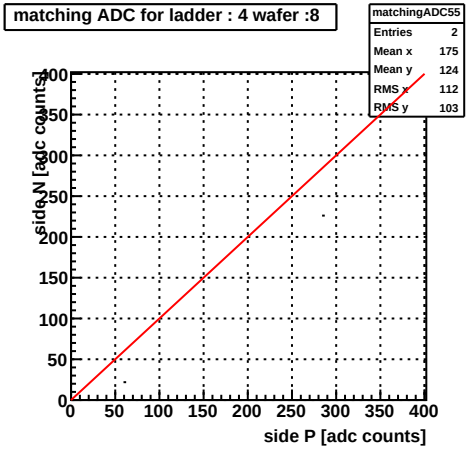

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 327
Mean x 41.58
Mean y 36.98
RMS x 45.34
RMS y 38.68
side N [adc counts]
side P [adc counts]

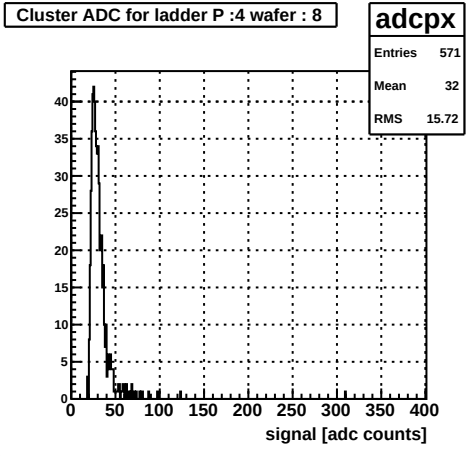

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5454
Mean 27.58
RMS 17.55
signal [adc counts]

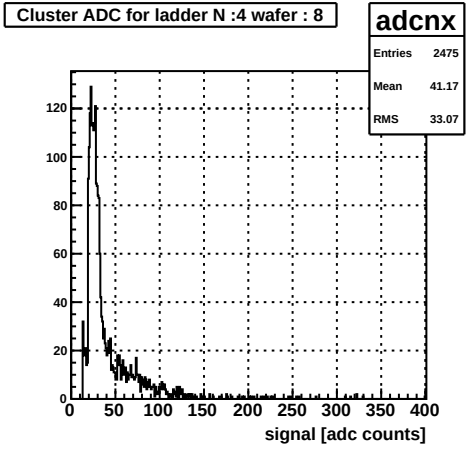

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2439
Mean 26.77
RMS 29.69
signal [adc counts]

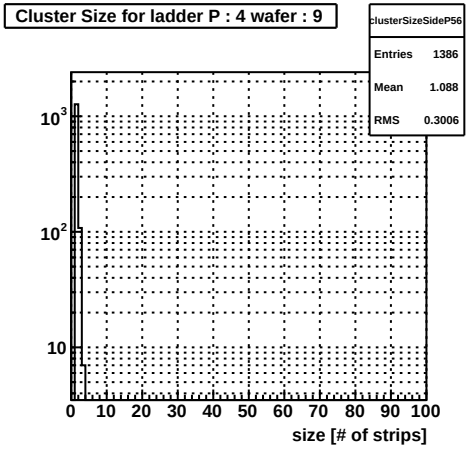

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 571
Mean 1.047
RMS 0.243
size [# of strips]

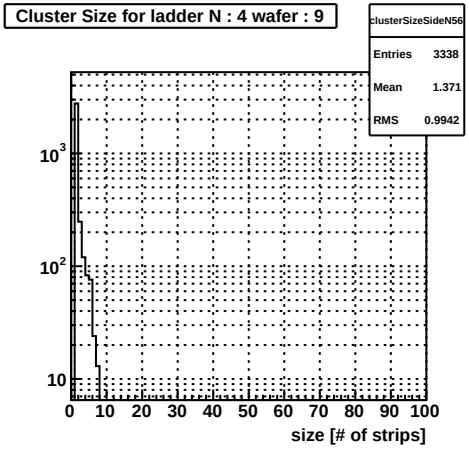

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2475
Mean 1.56
RMS 0.9855
size [# of strips]

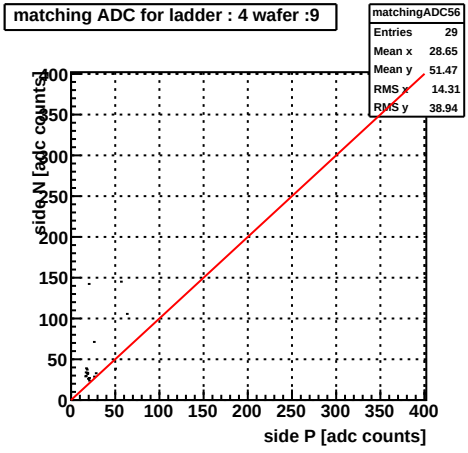

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2
Mean x 175
Mean y 124
RMS x 112
RMS y 103
side N [adc counts]
side P [adc counts]

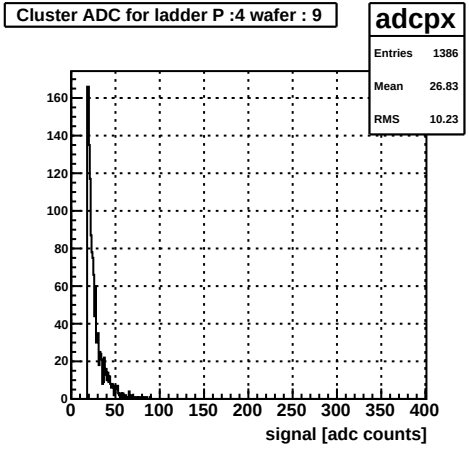

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 571
Mean 32
RMS 15.72
signal [adc counts]

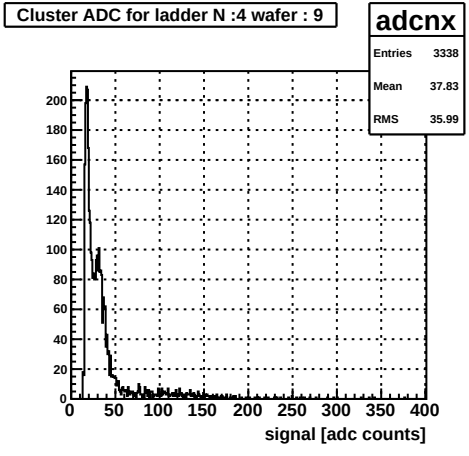

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2475
Mean 41.17
RMS 33.07
signal [adc counts]

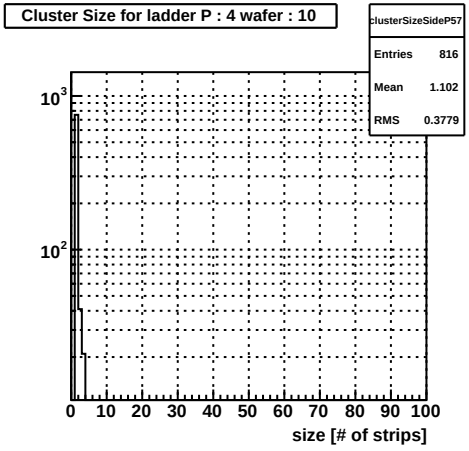

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1386
Mean 1.088
RMS 0.3006
size [# of strips]

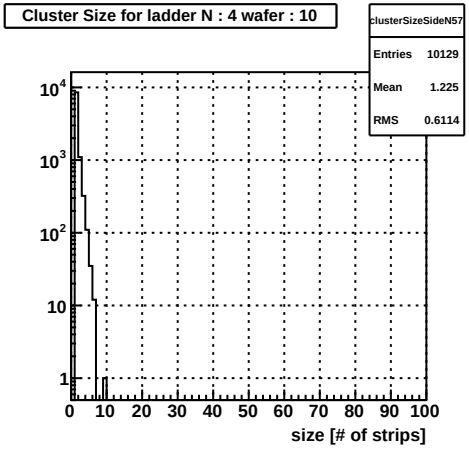

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3338
Mean 1.371
RMS 0.9942
size [# of strips]

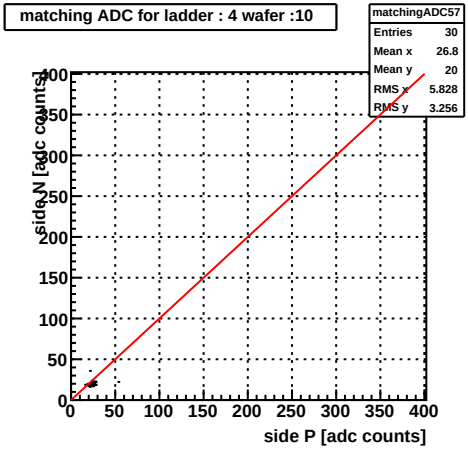

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 29
Mean x 28.65
Mean y 51.47
RMS x 14.31
RMS y 38.94
side N [adc counts]
side P [adc counts]

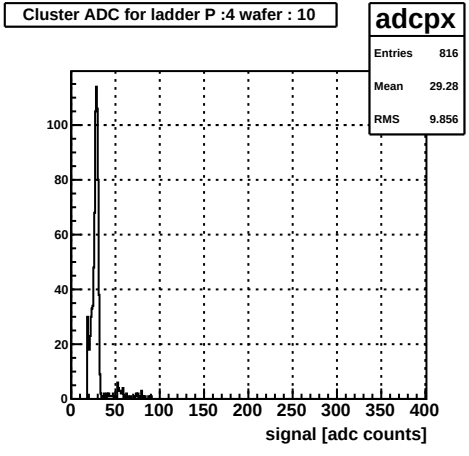

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1386
Mean 26.83
RMS 10.23
signal [adc counts]

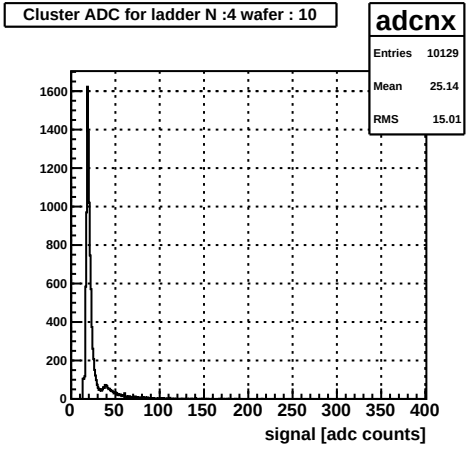

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3338
Mean 37.83
RMS 35.99
signal [adc counts]

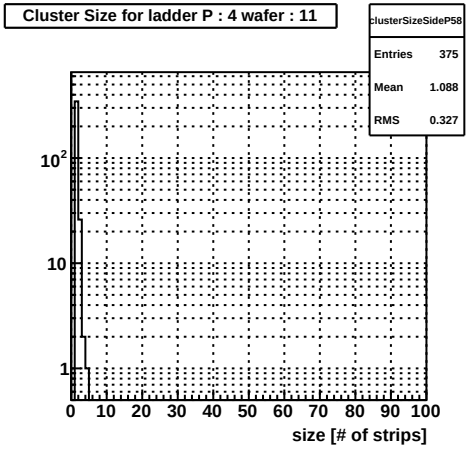

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 816
Mean 1.102
RMS 0.3779
size [# of strips]

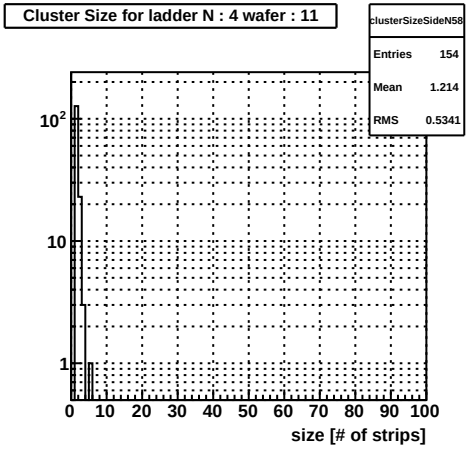

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10129
Mean 1.225
RMS 0.6114
size [# of strips]

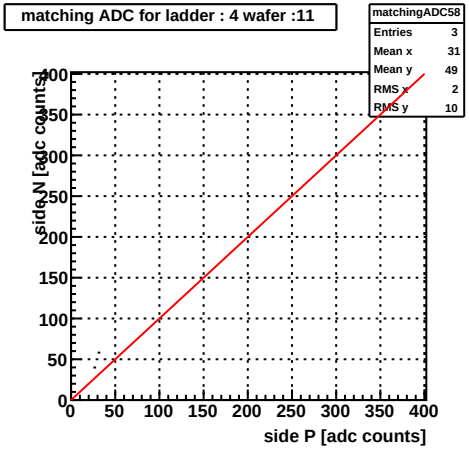

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 30
Mean x 26.8
Mean y 20
RMS x 5.828
RMS y 3.256
side N [adc counts]
side P [adc counts]

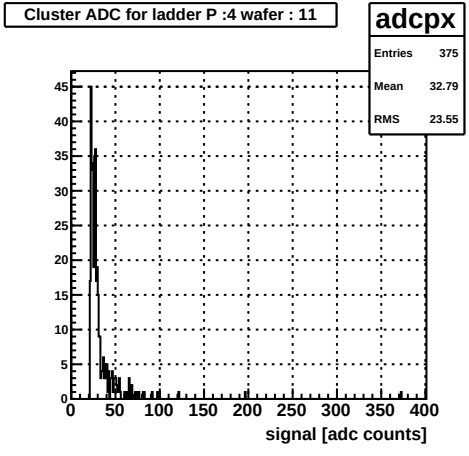

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 816
Mean 29.28
RMS 9.856
signal [adc counts]

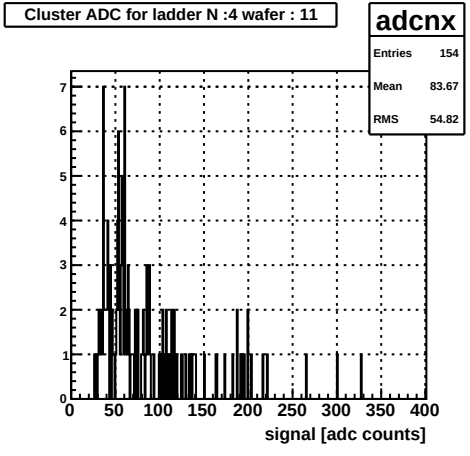

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10129
Mean 25.14
RMS 15.01
signal [adc counts]

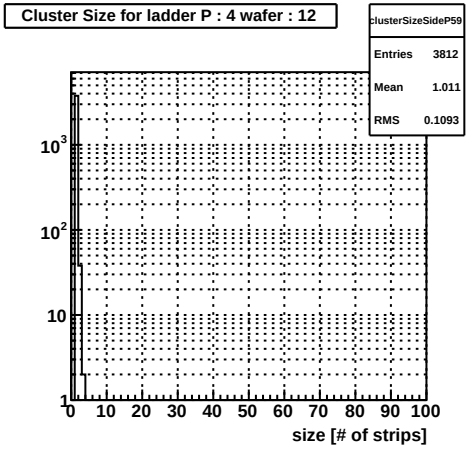

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 375
Mean 1.088
RMS 0.327
size [# of strips]

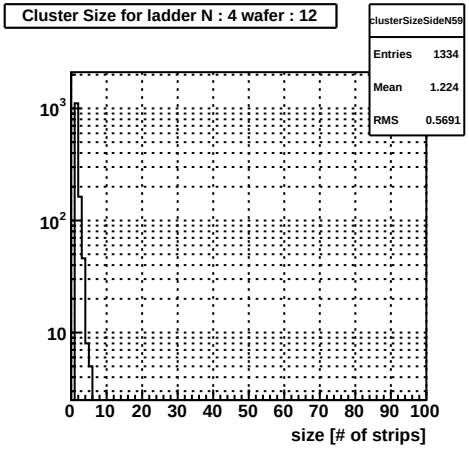

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 154
Mean 1.214
RMS 0.5341
size [# of strips]

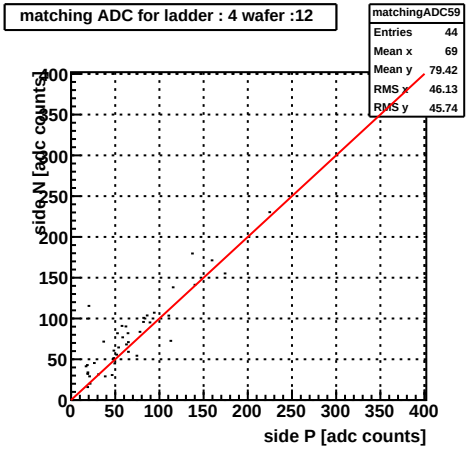

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 31
Mean y 49
RMS x 2
RMS y 10
side N [adc counts]
side P [adc counts]

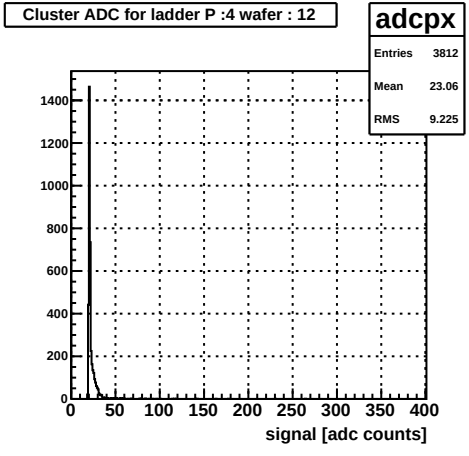

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 375
Mean 32.79
RMS 23.55
signal [adc counts]

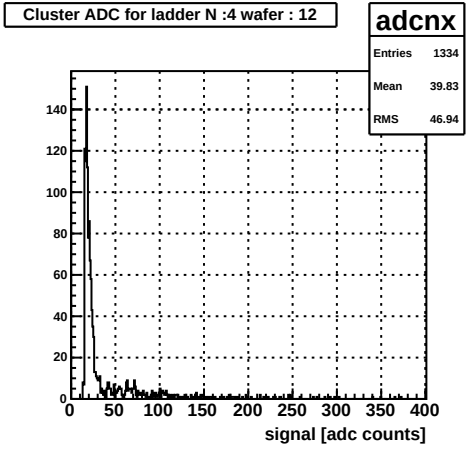

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 154
Mean 83.67
RMS 54.82
signal [adc counts]

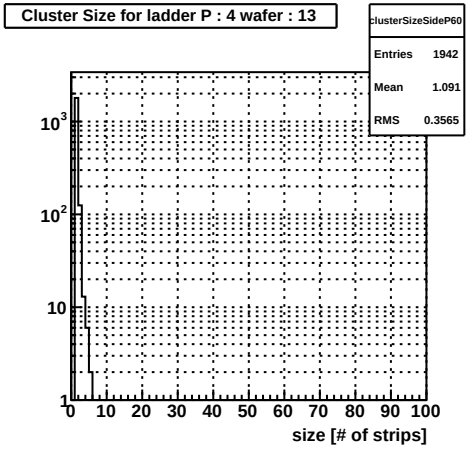

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 3812
Mean 1.011
RMS 0.1093
size [# of strips]

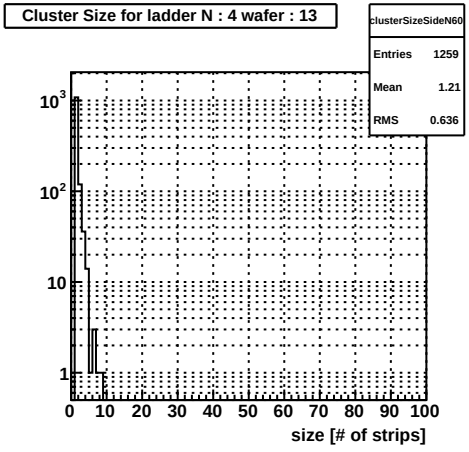

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1334
Mean 1.224
RMS 0.5691
size [# of strips]

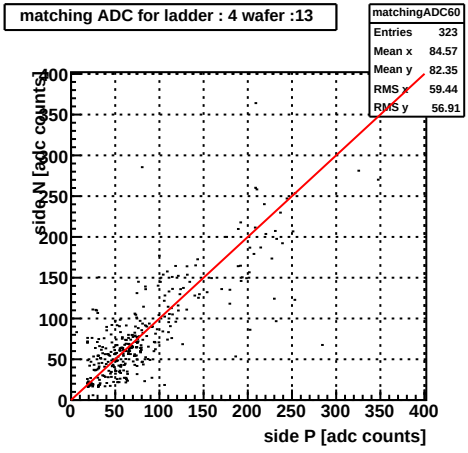

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 44
Mean x 69
Mean y 79.42
RMS x 46.13
RMS y 45.74
side N [adc counts]
side P [adc counts]

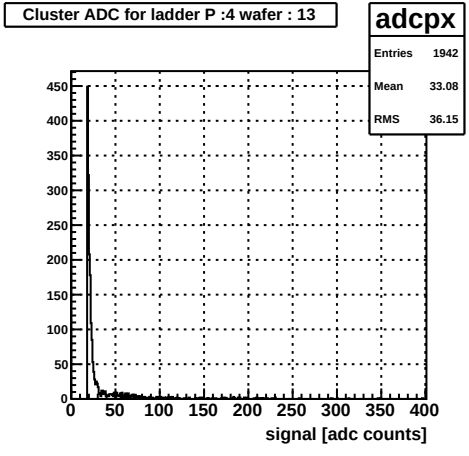

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 3812
Mean 23.06
RMS 9.225
signal [adc counts]

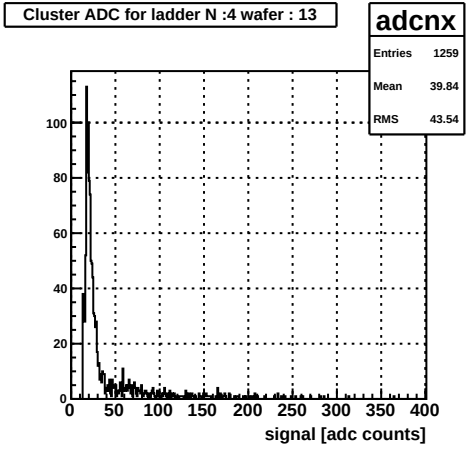

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1334
Mean 39.83
RMS 46.94
signal [adc counts]

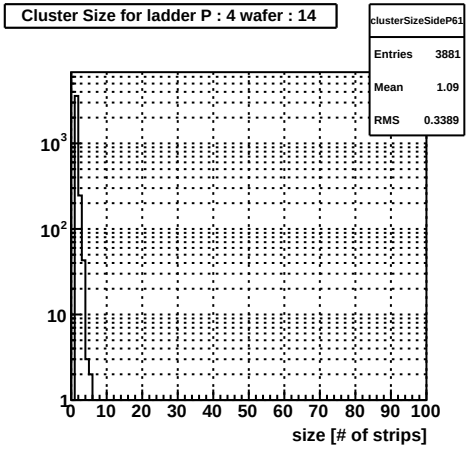

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1942
Mean 1.091
RMS 0.3565
size [# of strips]

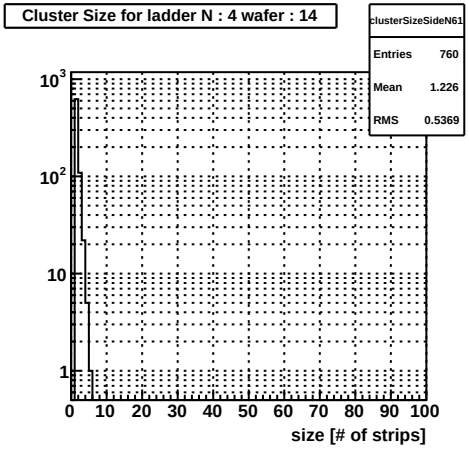

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1259
Mean 1.21
RMS 0.636
size [# of strips]

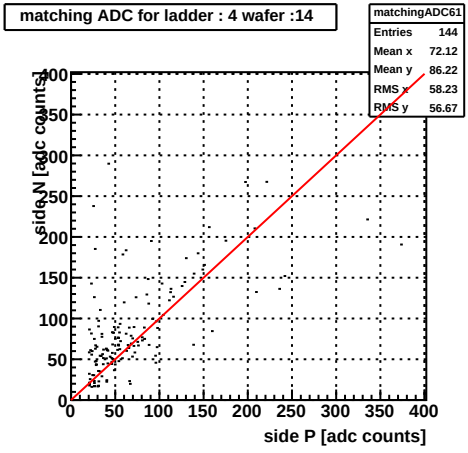

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 323
Mean x 84.57
Mean y 82.35
RMS x 59.44
RMS y 56.91
side N [adc counts]
side P [adc counts]

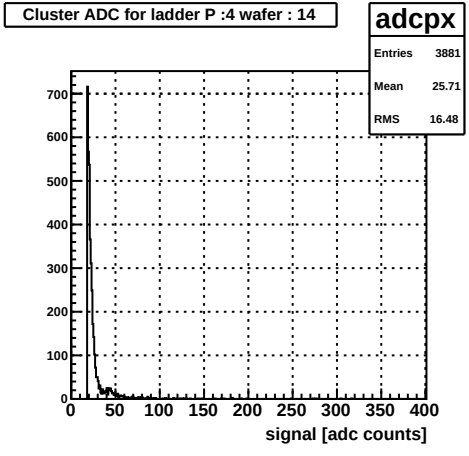

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1942
Mean 33.08
RMS 36.15
signal [adc counts]

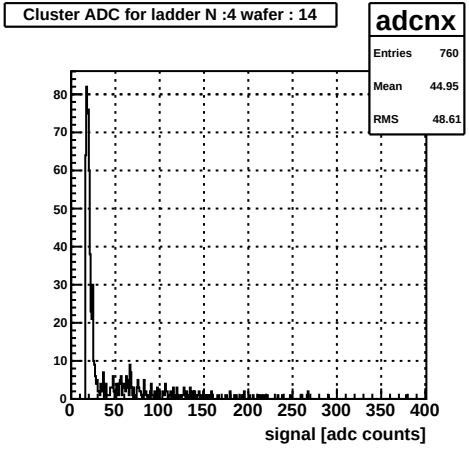

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1259
Mean 39.84
RMS 43.54
signal [adc counts]

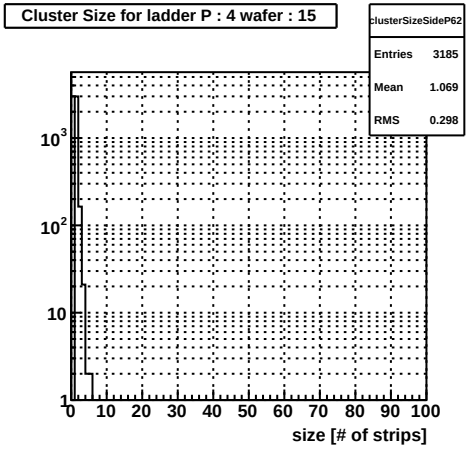

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 3881
Mean 1.09
RMS 0.3389
size [# of strips]

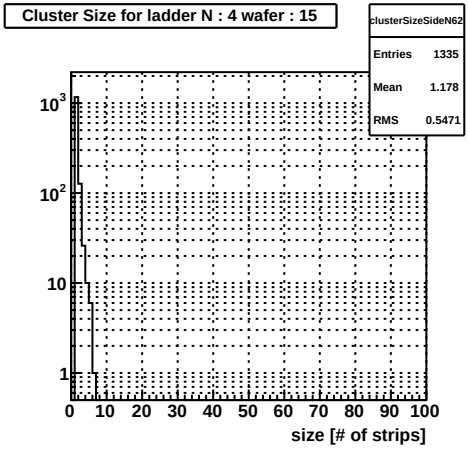

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 760
Mean 1.226
RMS 0.5369
size [# of strips]

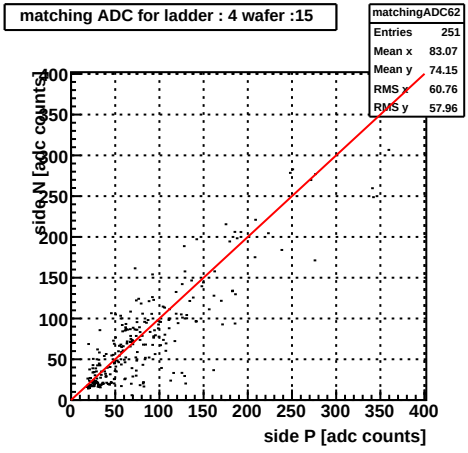

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 144
Mean x 72.12
Mean y 86.22
RMS x 58.23
RMS y 56.67
side N [adc counts]
side P [adc counts]

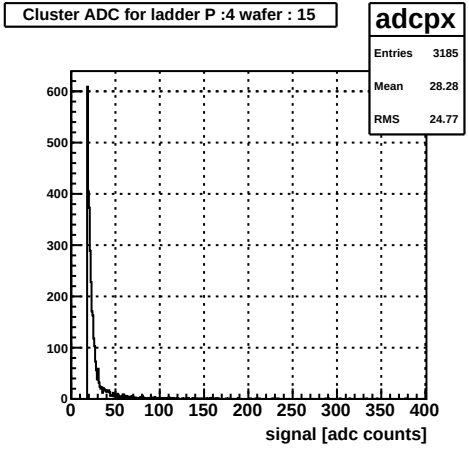

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 3881
Mean 25.71
RMS 16.48
signal [adc counts]

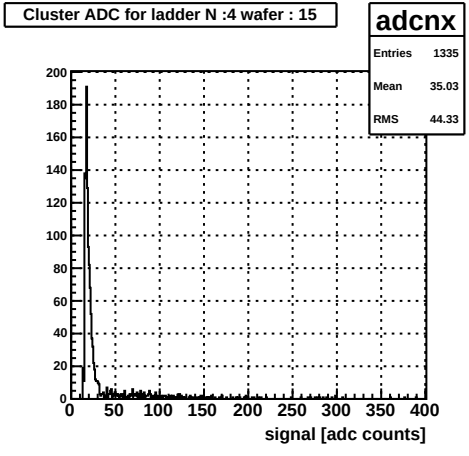

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 760
Mean 44.95
RMS 48.61
signal [adc counts]

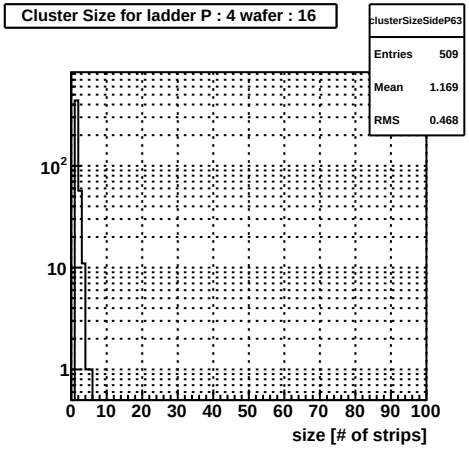

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 3185
Mean 1.069
RMS 0.298
size [# of strips]

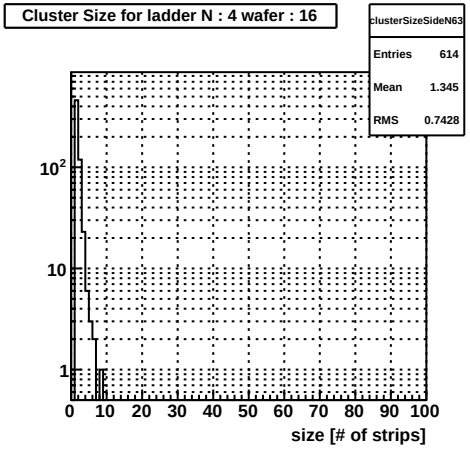

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1335
Mean 1.178
RMS 0.5471
size [# of strips]

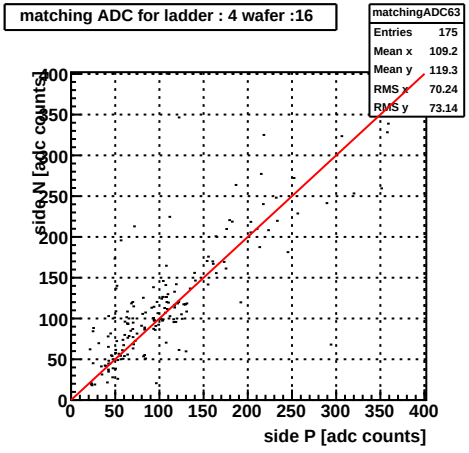

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 251
Mean x 83.07
Mean y 74.15
RMS x 60.76
RMS y 57.96
side N [adc counts]
side P [adc counts]

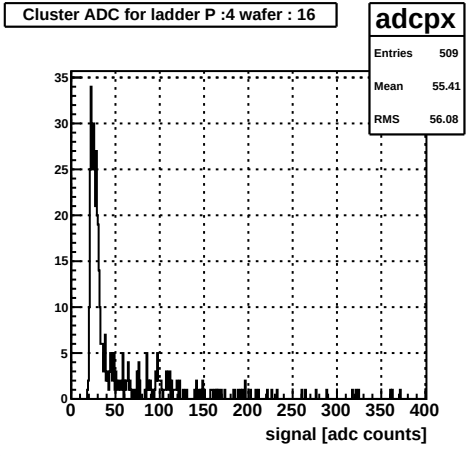

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 3185
Mean 28.28
RMS 24.77
signal [adc counts]

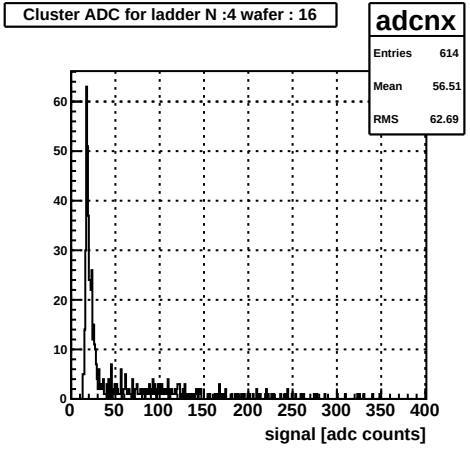

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1335
Mean 35.03
RMS 44.33
signal [adc counts]

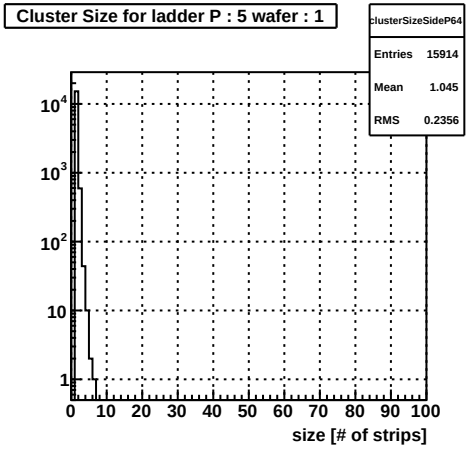

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 509
Mean 1.169
RMS 0.468
size [# of strips]

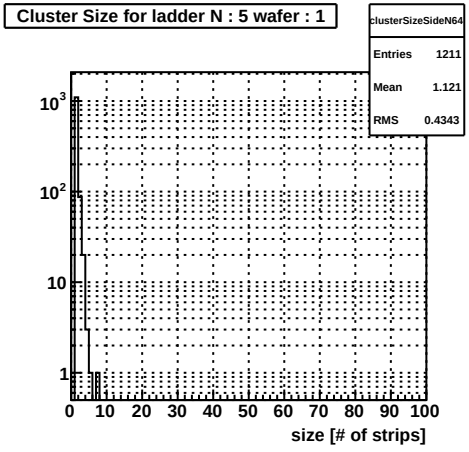

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 614
Mean 1.345
RMS 0.7428
size [# of strips]

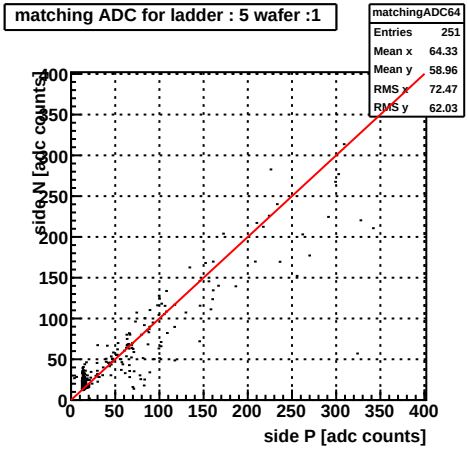

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 175
Mean x 109.2
Mean y 119.3
RMS x 70.24
RMS y 73.14
side N [adc counts]
side P [adc counts]

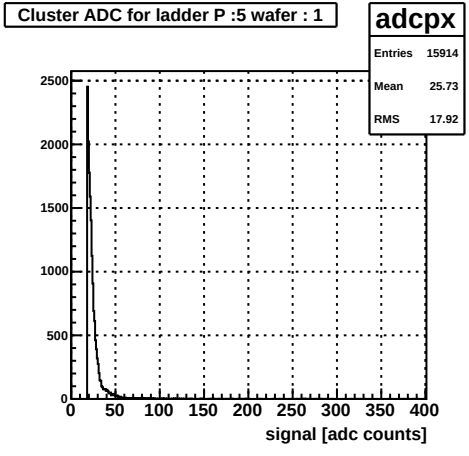

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 509
Mean 55.41
RMS 56.08
signal [adc counts]

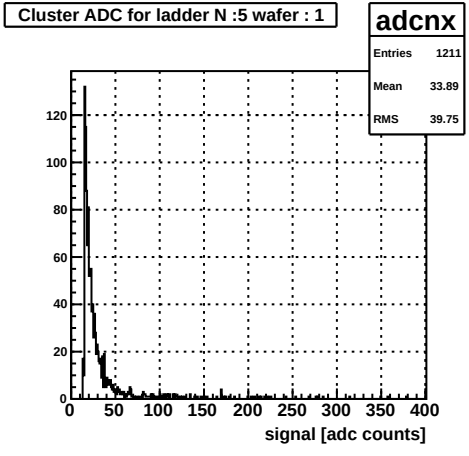

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 614
Mean 56.51
RMS 62.69
signal [adc counts]

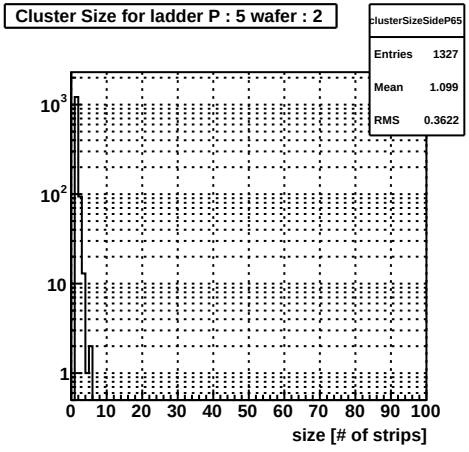

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 15914
Mean 1.045
RMS 0.2356
size [# of strips]

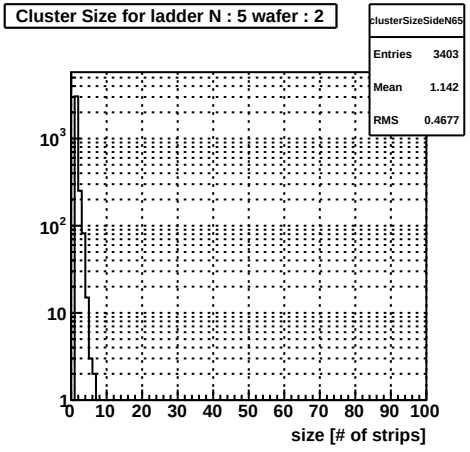

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1211
Mean 1.121
RMS 0.4343
size [# of strips]

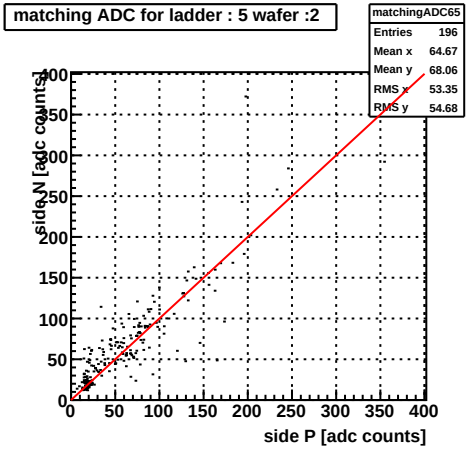

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 251
Mean x 64.33
Mean y 58.96
RMS x 72.47
RMS y 62.03
side N [adc counts]
side P [adc counts]

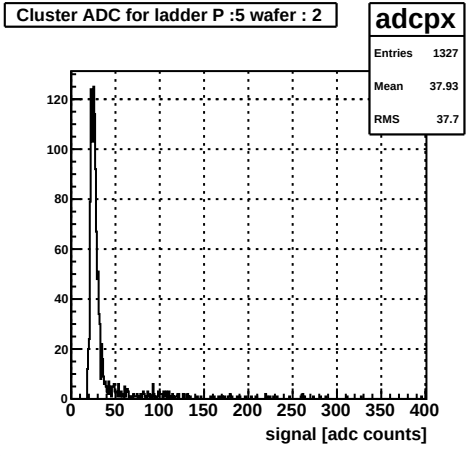

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 15914
Mean 25.73
RMS 17.92
signal [adc counts]

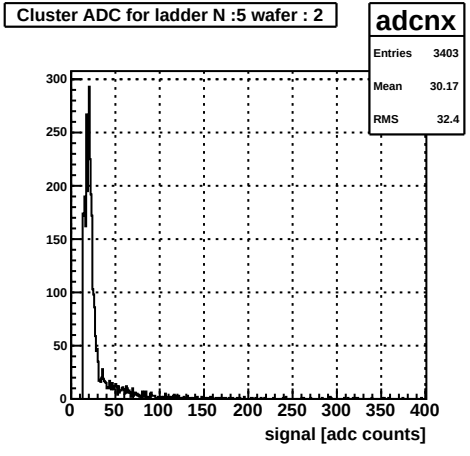

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1211
Mean 33.89
RMS 39.75
signal [adc counts]

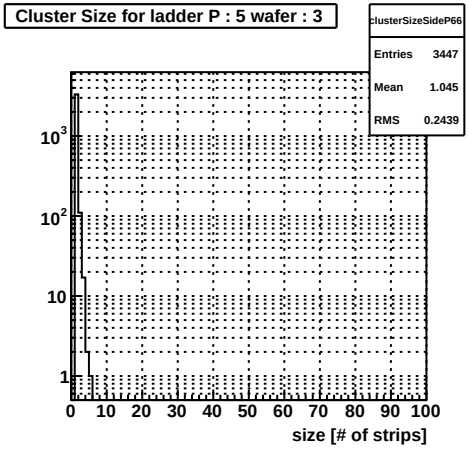

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1327
Mean 1.099
RMS 0.3622
size [# of strips]

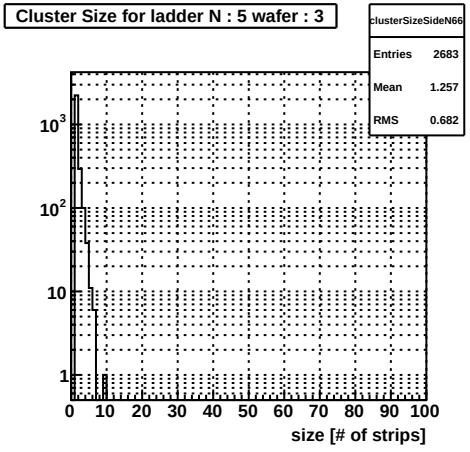

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3403
Mean 1.142
RMS 0.4677
size [# of strips]

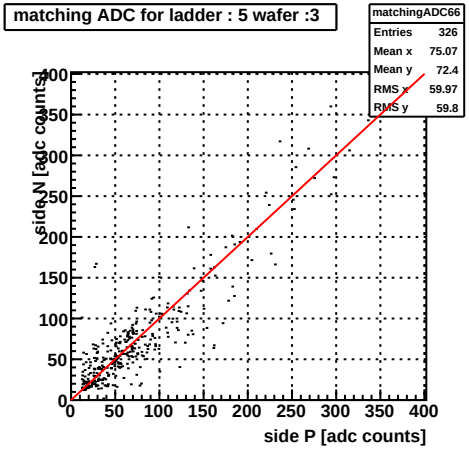

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 196
Mean x 64.67
Mean y 68.06
RMS x 53.35
RMS y 54.68
side N [adc counts]
side P [adc counts]

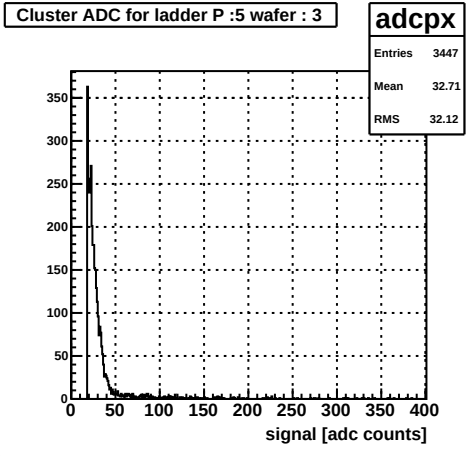

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1327
Mean 37.93
RMS 37.7
signal [adc counts]

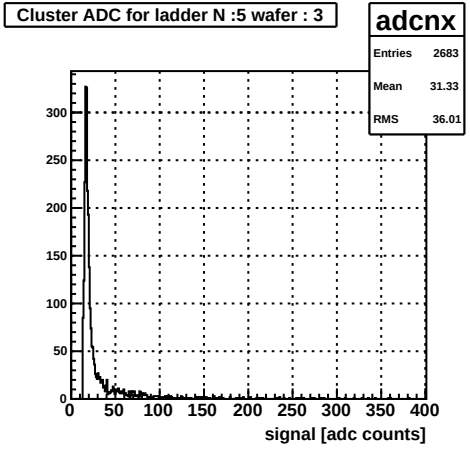

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3403
Mean 30.17
RMS 32.4
signal [adc counts]

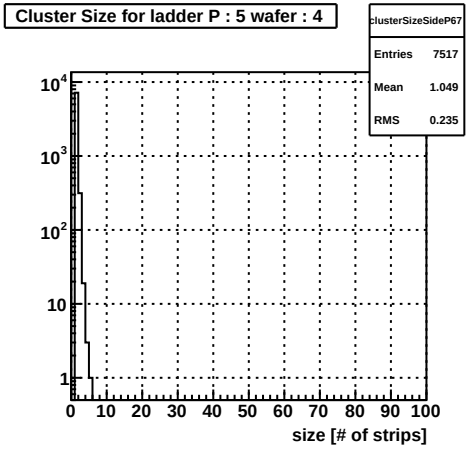

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3447
Mean 1.045
RMS 0.2439
size [# of strips]

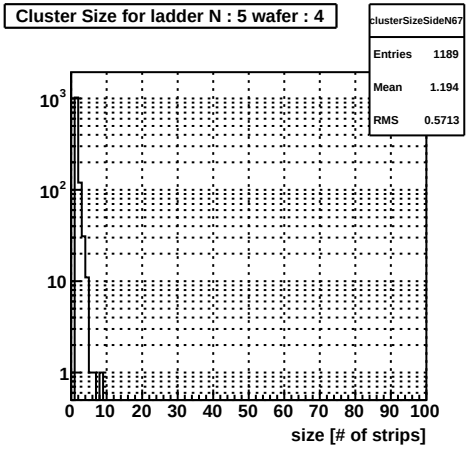

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 2683
Mean 1.257
RMS 0.682
size [# of strips]

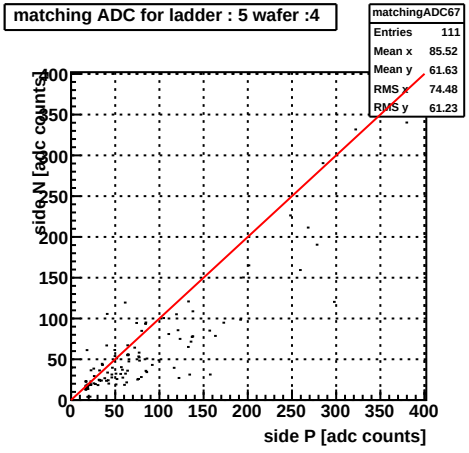

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 326
Mean x 75.07
Mean y 72.4
RMS x 59.97
RMS y 59.8
side N [adc counts]
side P [adc counts]

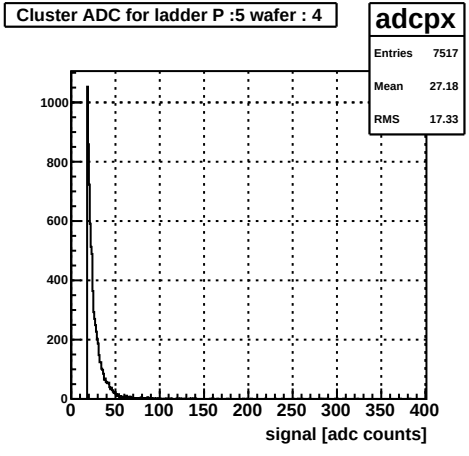

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3447
Mean 32.71
RMS 32.12
signal [adc counts]

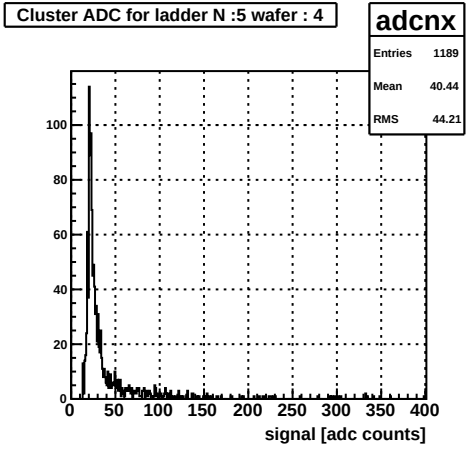

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 2683
Mean 31.33
RMS 36.01
signal [adc counts]

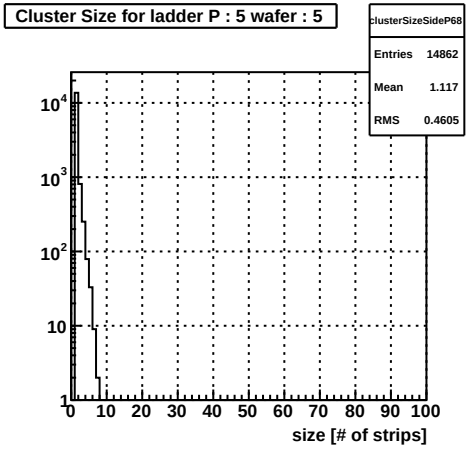

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 7517
Mean 1.049
RMS 0.235
size [# of strips]

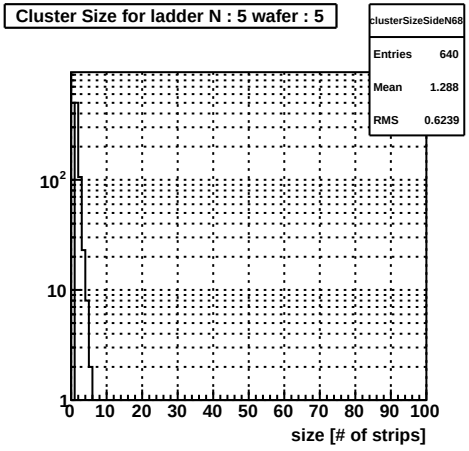

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1189
Mean 1.194
RMS 0.5713
size [# of strips]

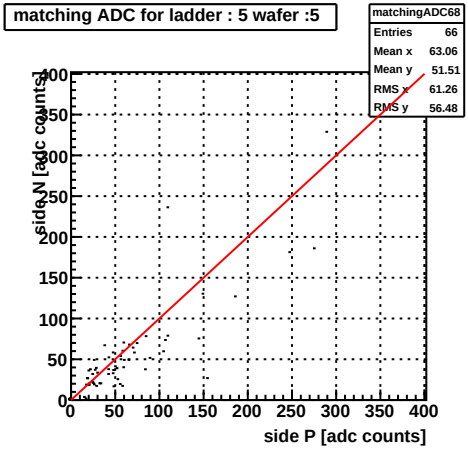

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 111
Mean x 85.52
Mean y 61.63
RMS x 74.48
RMS y 61.23
side N [adc counts]
side P [adc counts]

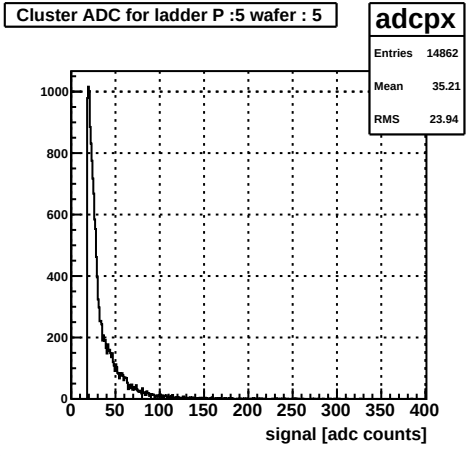

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 7517
Mean 27.18
RMS 17.33
signal [adc counts]

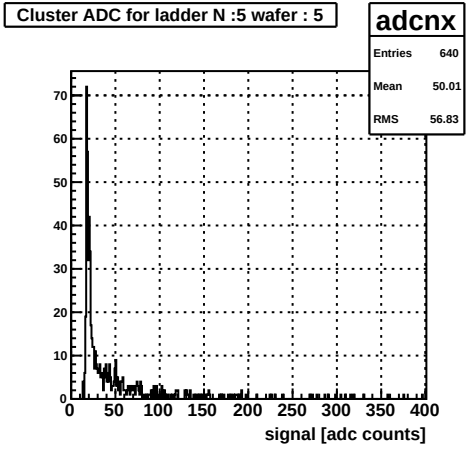

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1189
Mean 40.44
RMS 44.21
signal [adc counts]

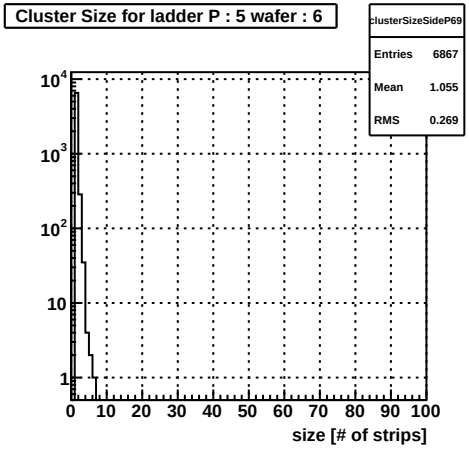

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 14862
Mean 1.117
RMS 0.4605
size [# of strips]

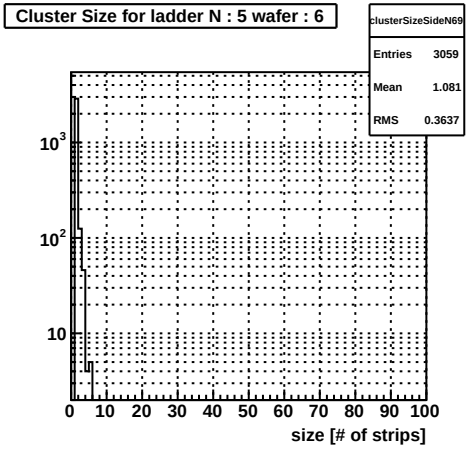

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 640
Mean 1.288
RMS 0.6239
size [# of strips]

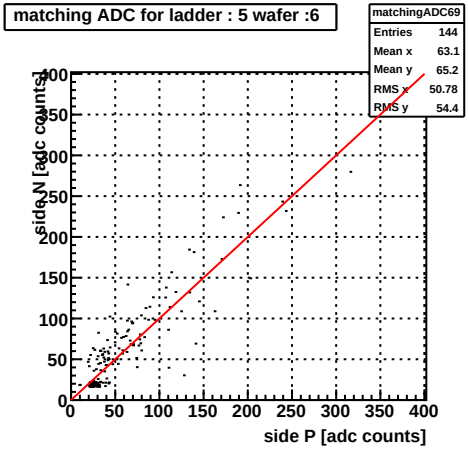

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 66
Mean x 63.06
Mean y 51.51
RMS x 61.26
RMS y 56.48
side N [adc counts]
side P [adc counts]

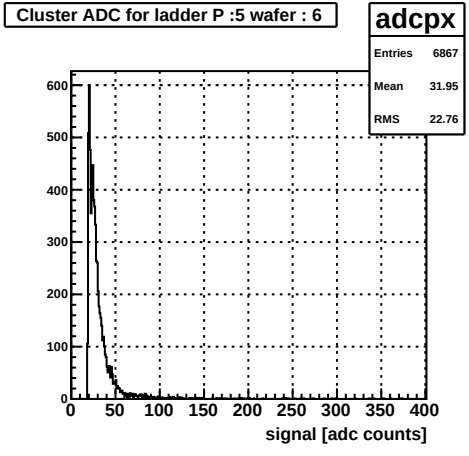

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 14862
Mean 35.21
RMS 23.94
signal [adc counts]

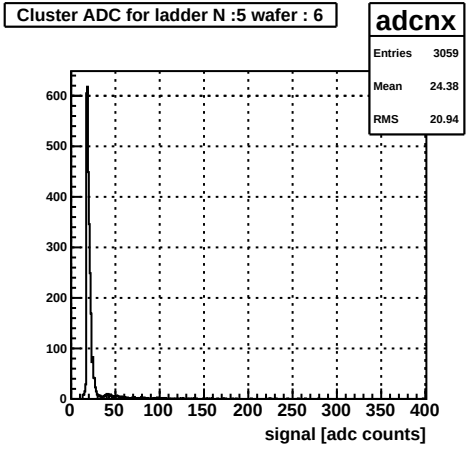

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 640
Mean 50.01
RMS 56.83
signal [adc counts]

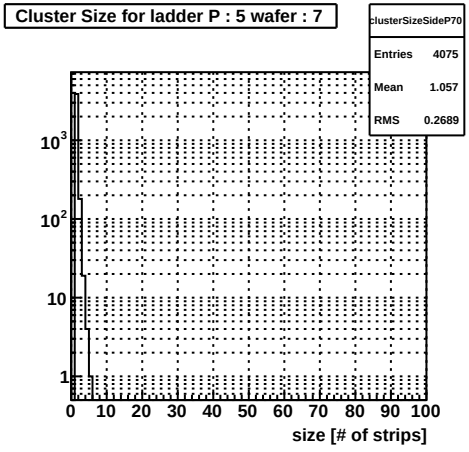

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 6867
Mean 1.055
RMS 0.269
size [# of strips]

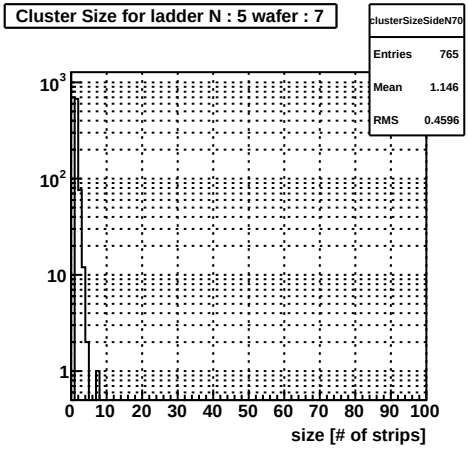

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3059
Mean 1.081
RMS 0.3637
size [# of strips]

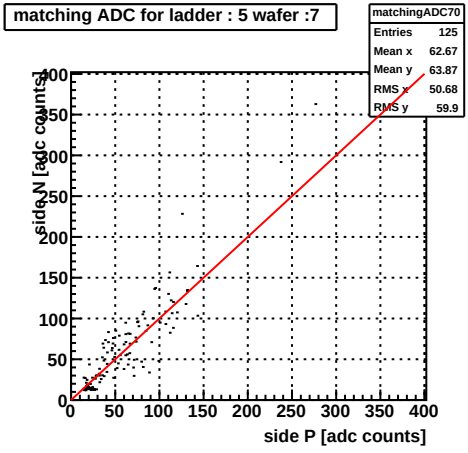

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 144
Mean x 63.1
Mean y 65.2
RMS x 50.78
RMS y 54.4
side N [adc counts]
side P [adc counts]

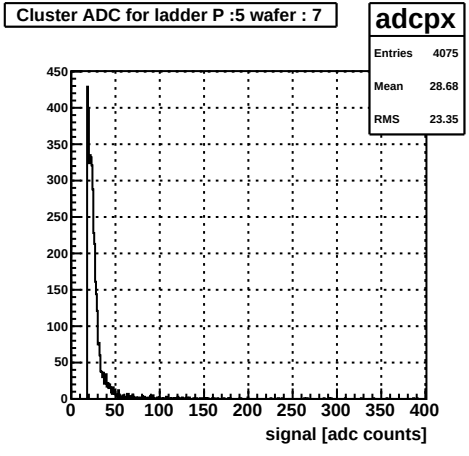

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 6867
Mean 31.95
RMS 22.76
signal [adc counts]

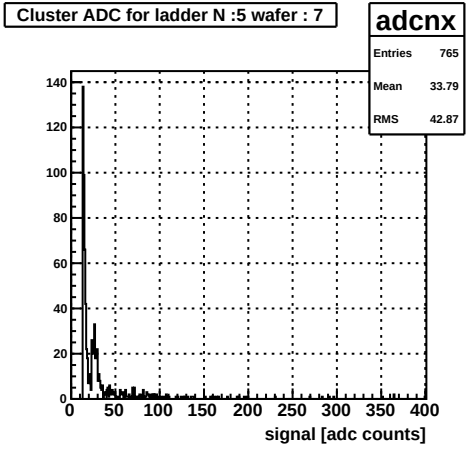

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3059
Mean 24.38
RMS 20.94
signal [adc counts]

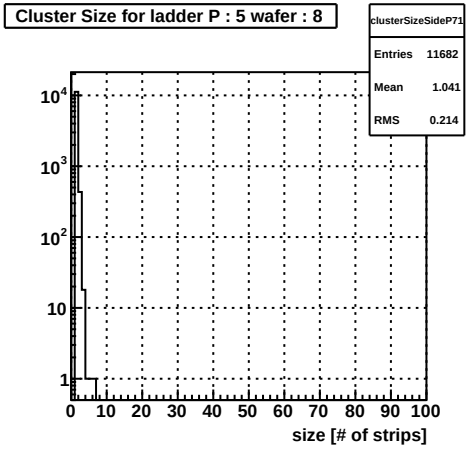

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 4075
Mean 1.057
RMS 0.2689
size [# of strips]

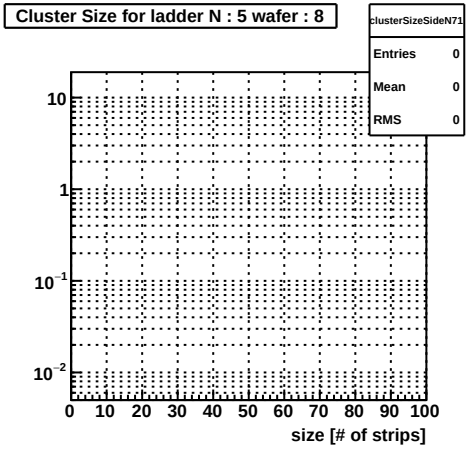

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 765
Mean 1.146
RMS 0.4596
size [# of strips]

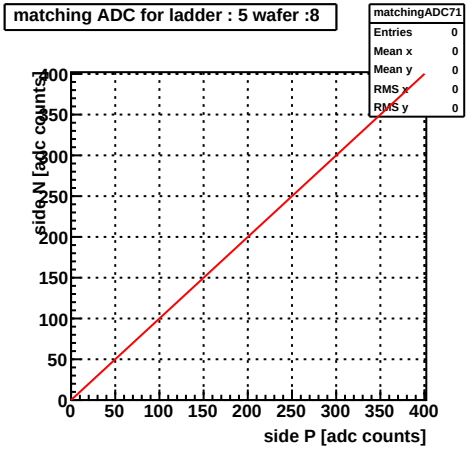

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 125
Mean x 62.67
Mean y 63.87
RMS x 50.68
RMS y 59.9
side N [adc counts]
side P [adc counts]

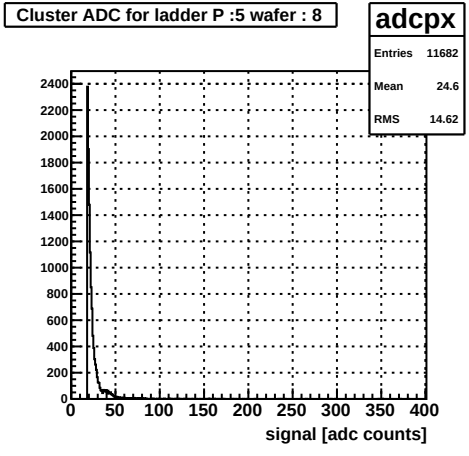

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 4075
Mean 28.68
RMS 23.35
signal [adc counts]

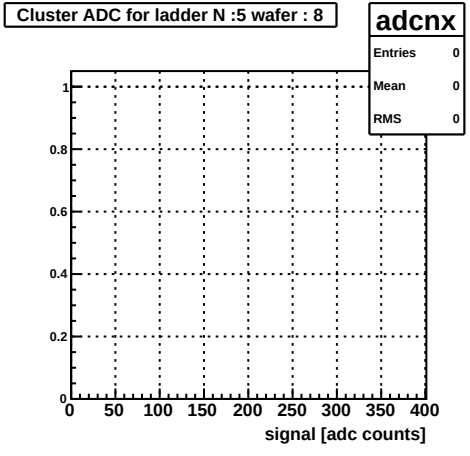

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 765
Mean 33.79
RMS 42.87
signal [adc counts]

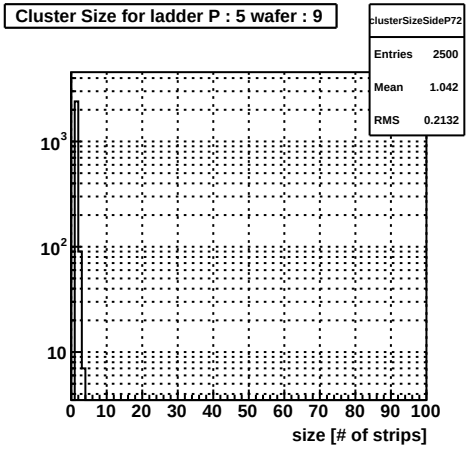

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 11682
Mean 1.041
RMS 0.214
size [# of strips]

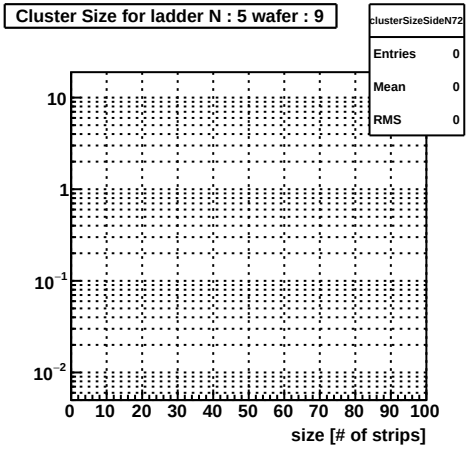

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

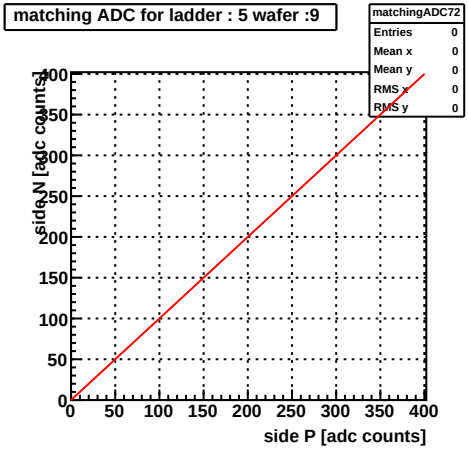

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

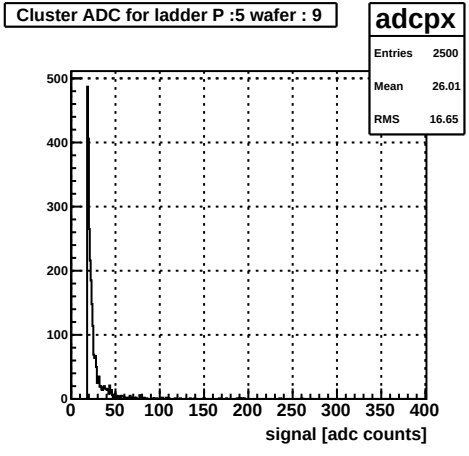

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 11682
Mean 24.6
RMS 14.62
signal [adc counts]

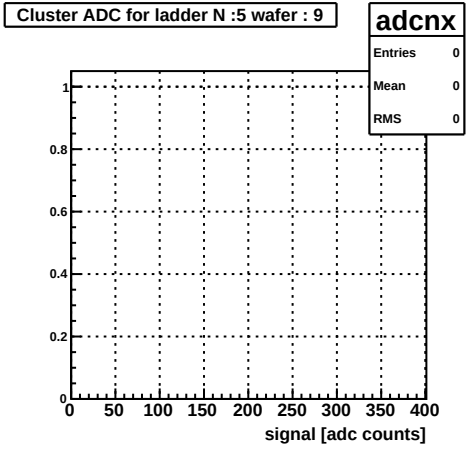

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

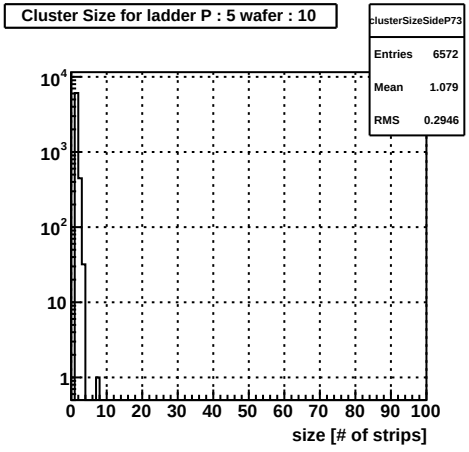

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2500
Mean 1.042
RMS 0.2132
size [# of strips]

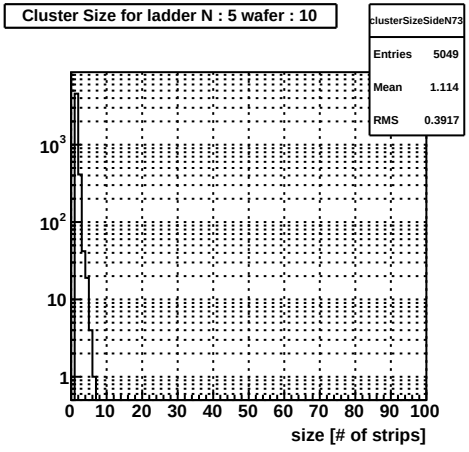

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

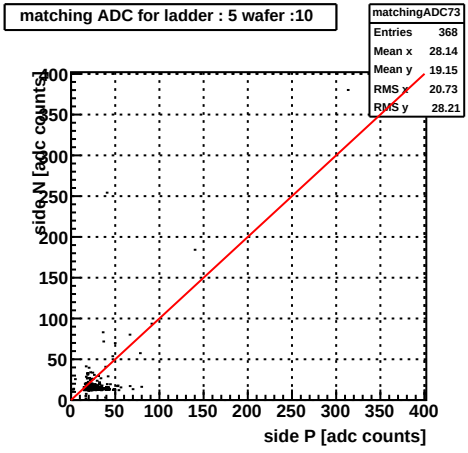

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

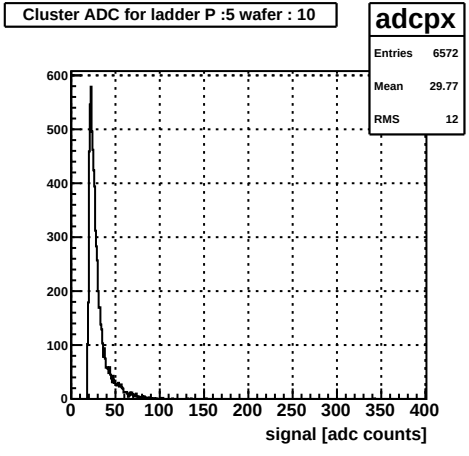

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2500
Mean 26.01
RMS 16.65
signal [adc counts]

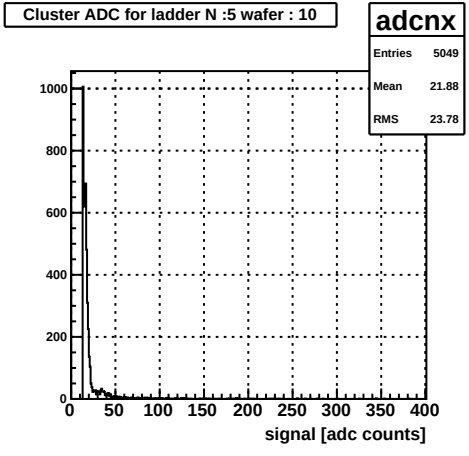

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

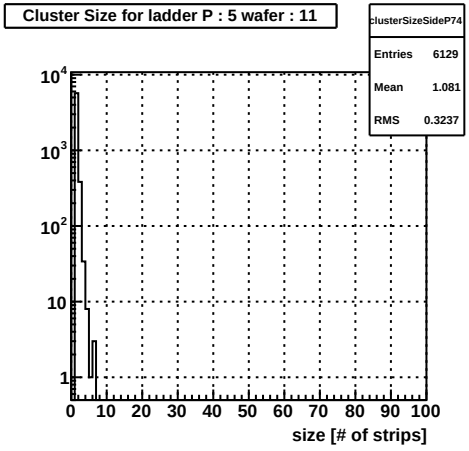

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6572
Mean 1.079
RMS 0.2946
size [# of strips]

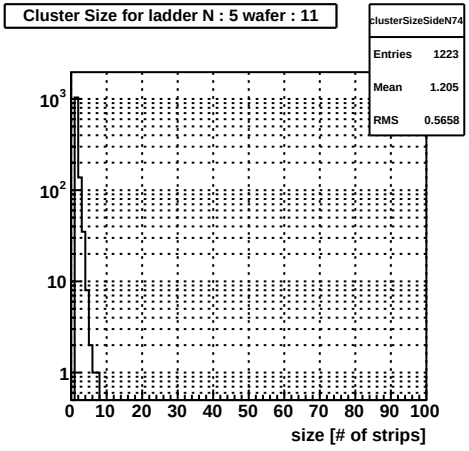

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5049
Mean 1.114
RMS 0.3917
size [# of strips]

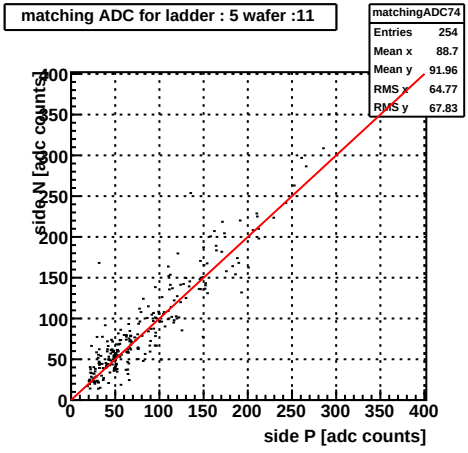

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 368
Mean x 28.14
Mean y 19.15
RMS x 20.73
RMS y 28.21
side N [adc counts]
side P [adc counts]

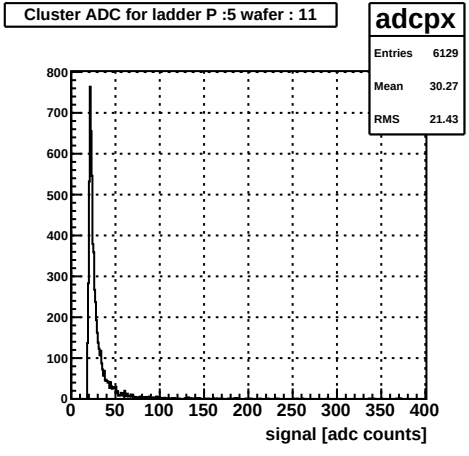

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6572
Mean 29.77
RMS 12
signal [adc counts]

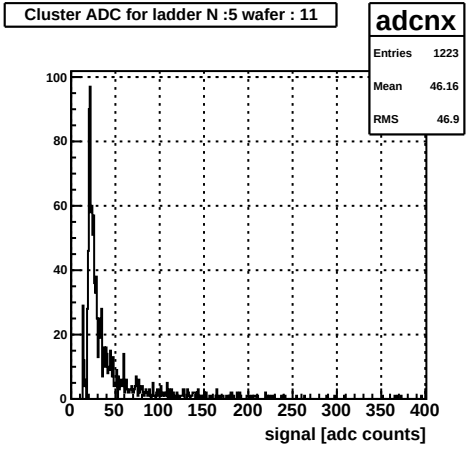

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5049
Mean 21.88
RMS 23.78
signal [adc counts]

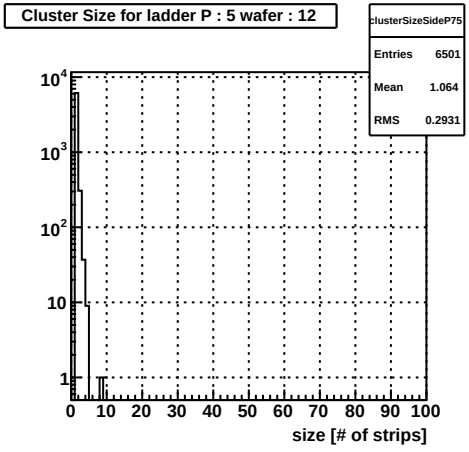

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6129
Mean 1.081
RMS 0.3237
size [# of strips]

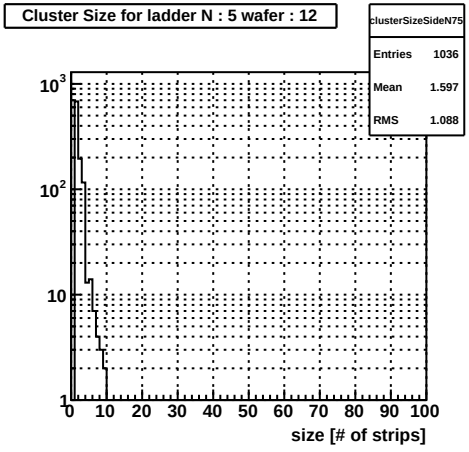

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1223
Mean 1.205
RMS 0.5658
size [# of strips]

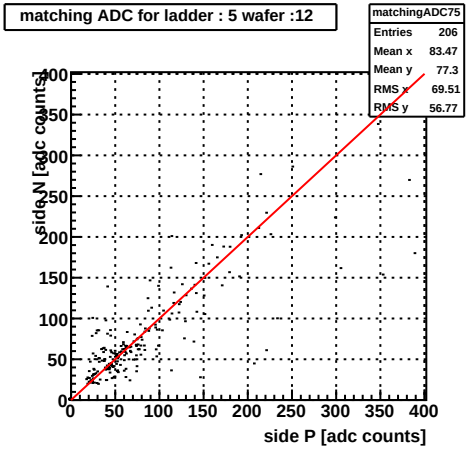

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 254
Mean x 88.7
Mean y 91.96
RMS x 64.77
RMS y 67.83
side N [adc counts]
side P [adc counts]

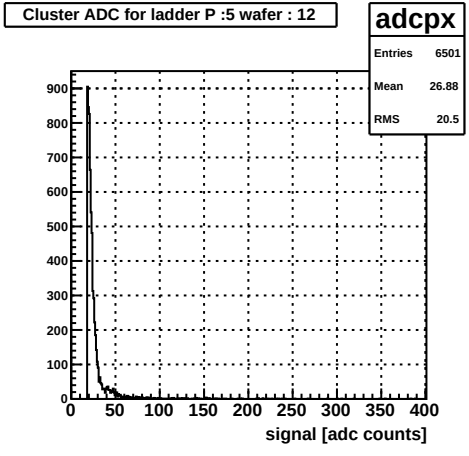

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6129
Mean 30.27
RMS 21.43
signal [adc counts]

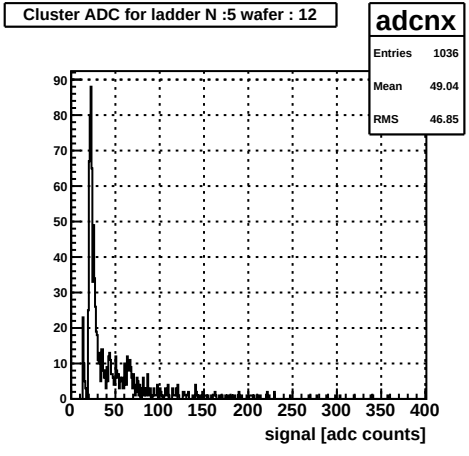

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1223
Mean 46.16
RMS 46.9
signal [adc counts]

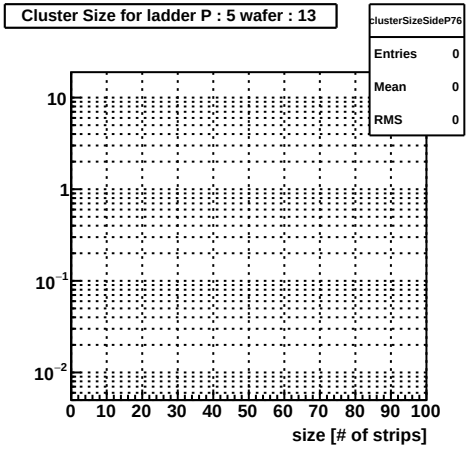

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6501
Mean 1.064
RMS 0.2931
size [# of strips]

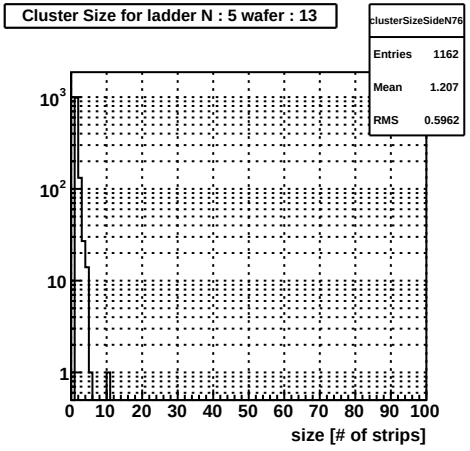

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1036
Mean 1.597
RMS 1.088
size [# of strips]

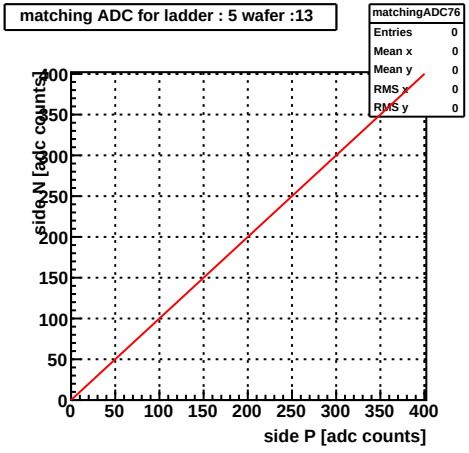

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 206
Mean x 83.47
Mean y 77.3
RMS x 69.51
RMS y 56.77
side N [adc counts]
side P [adc counts]

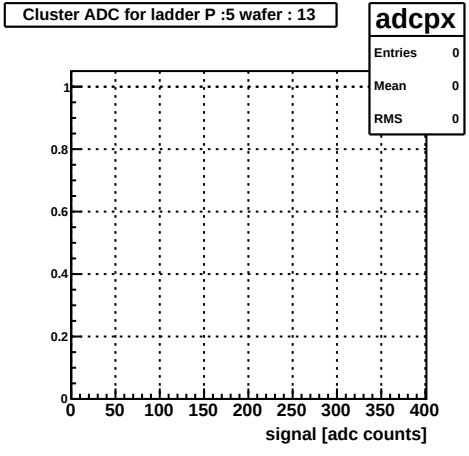

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6501
Mean 26.88
RMS 20.5
signal [adc counts]

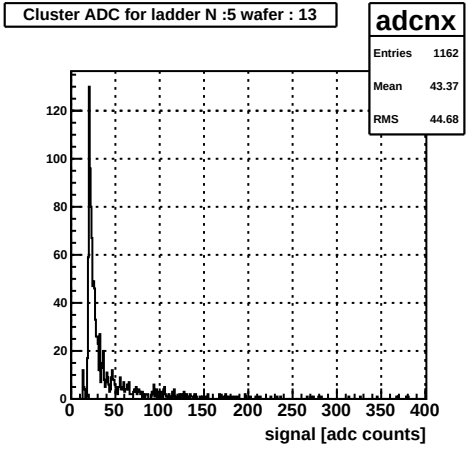

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1036
Mean 49.04
RMS 46.85
signal [adc counts]

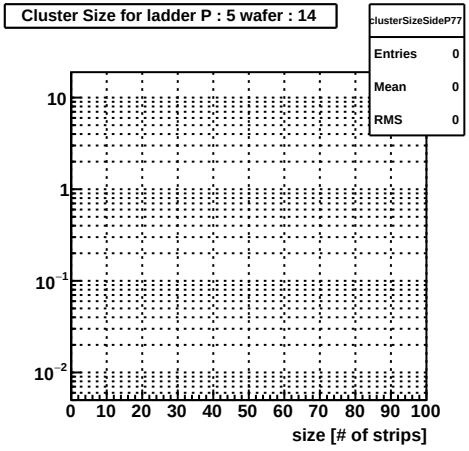

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

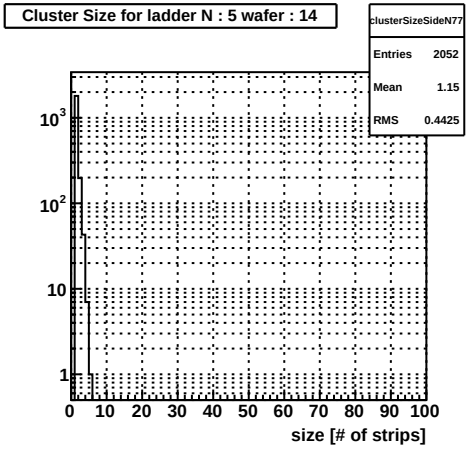

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1162
Mean 1.207
RMS 0.5962
size [# of strips]

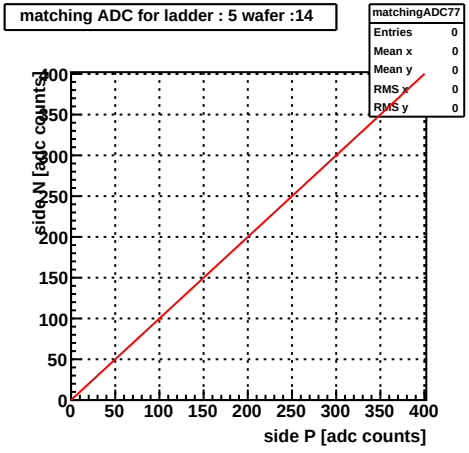

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

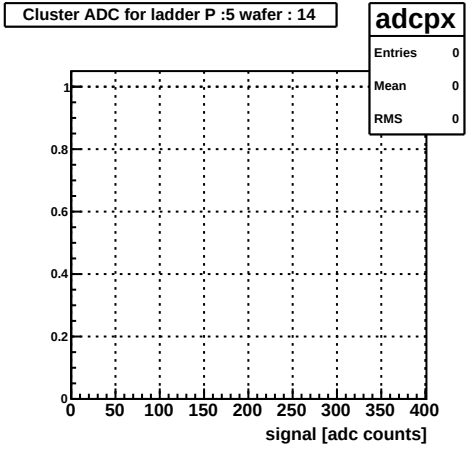

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

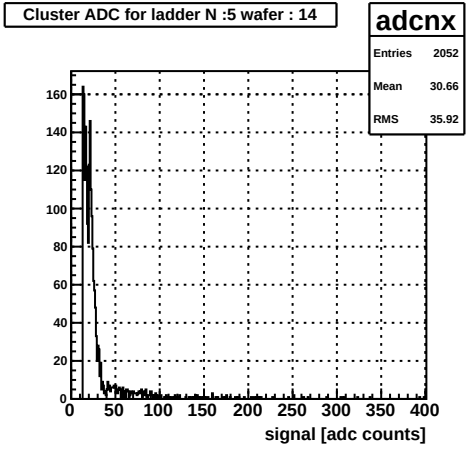

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1162
Mean 43.37
RMS 44.68
signal [adc counts]

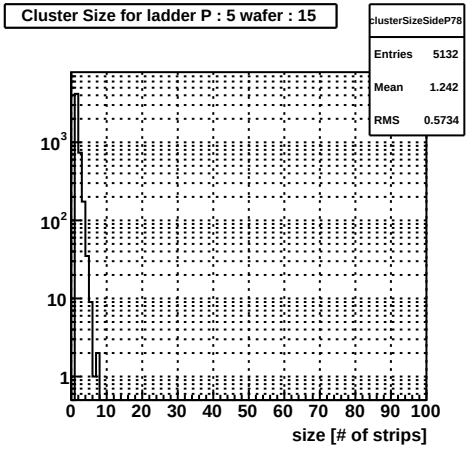

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

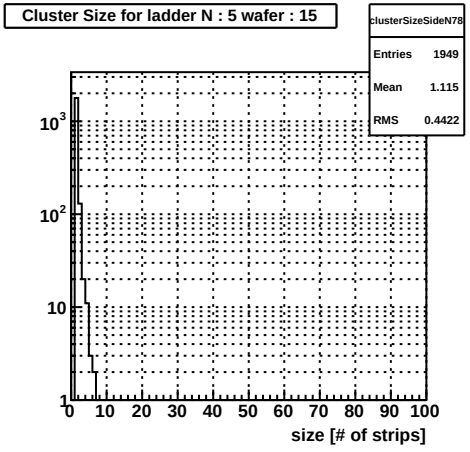

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2052
Mean 1.15
RMS 0.4425
size [# of strips]

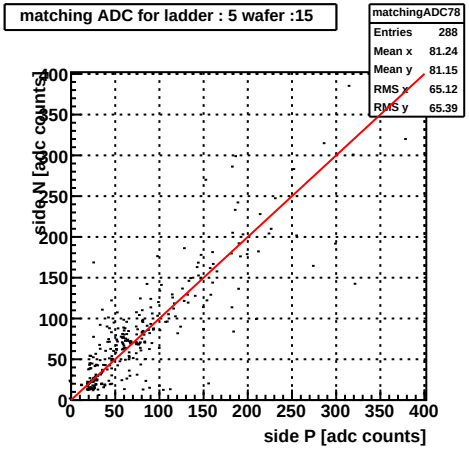

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

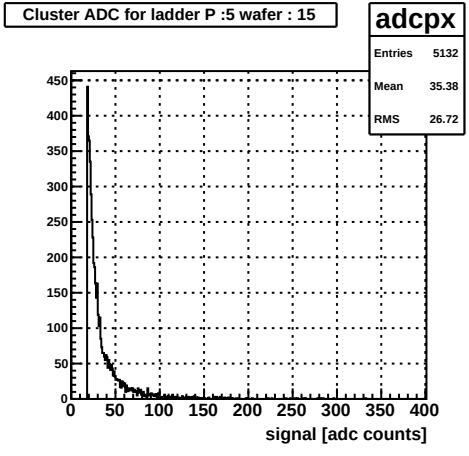

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

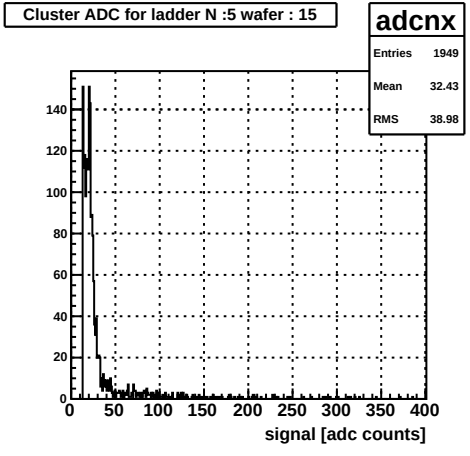

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2052
Mean 30.66
RMS 35.92
signal [adc counts]

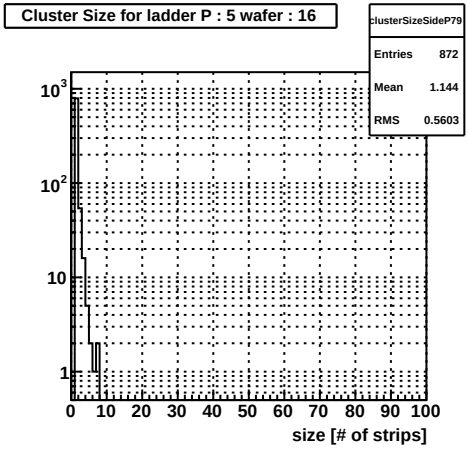

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5132
Mean 1.242
RMS 0.5734
size [# of strips]

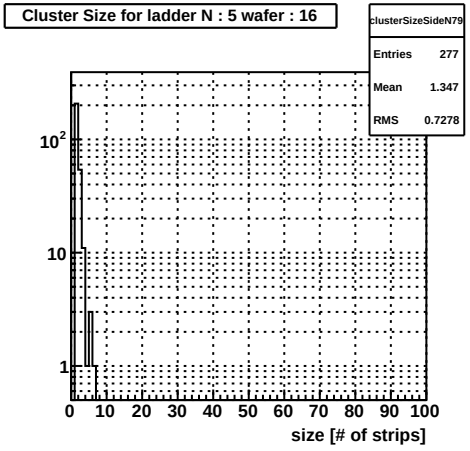

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1949
Mean 1.115
RMS 0.4422
size [# of strips]

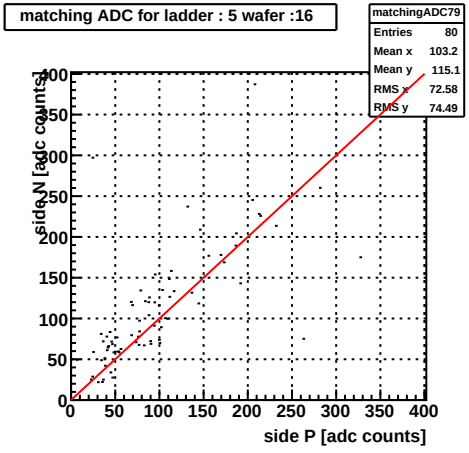

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 288
Mean x 81.24
Mean y 81.15
RMS x 65.12
RMS y 65.39
side N [adc counts]
side P [adc counts]

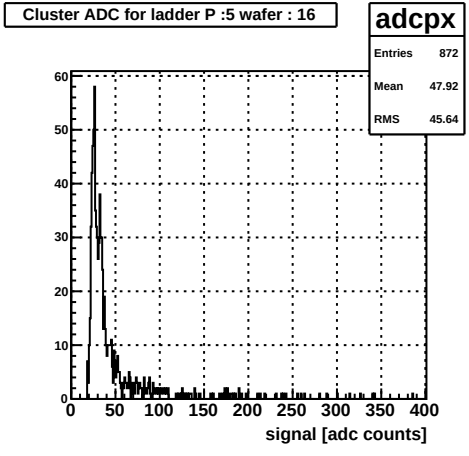

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5132
Mean 35.38
RMS 26.72
signal [adc counts]

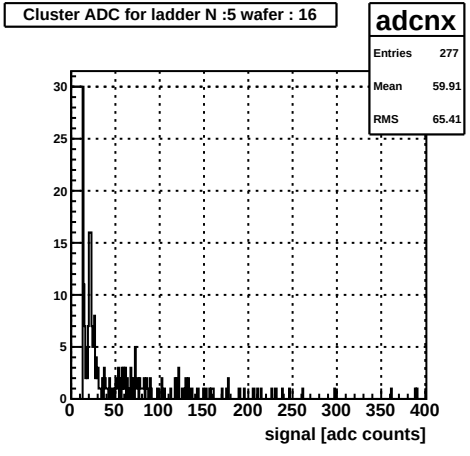

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1949
Mean 32.43
RMS 38.98
signal [adc counts]

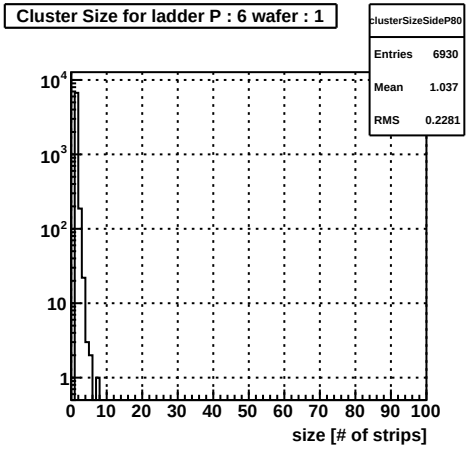

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 872
Mean 1.144
RMS 0.5603
size [# of strips]

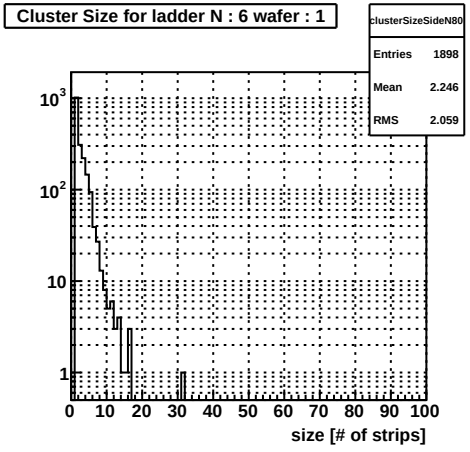

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 277
Mean 1.347
RMS 0.7278
size [# of strips]

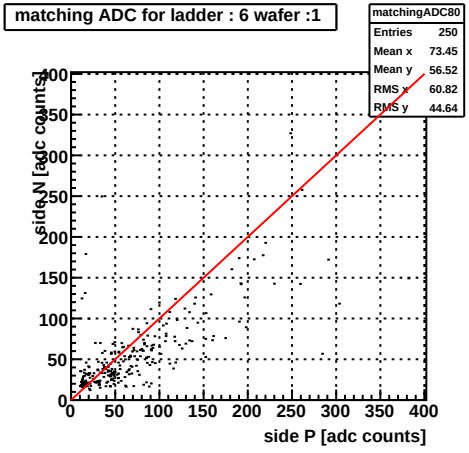

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 80
Mean x 103.2
Mean y 115.1
RMS x 72.58
RMS y 74.49
side N [adc counts]
side P [adc counts]

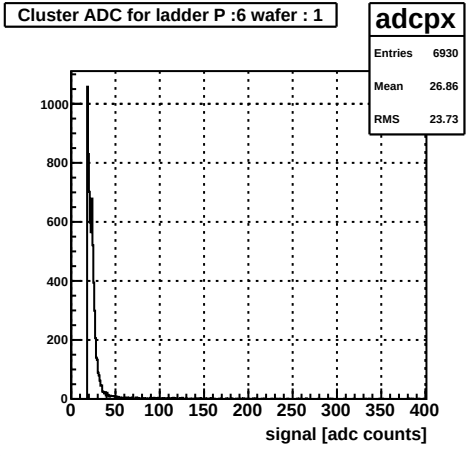

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 872
Mean 47.92
RMS 45.64
signal [adc counts]

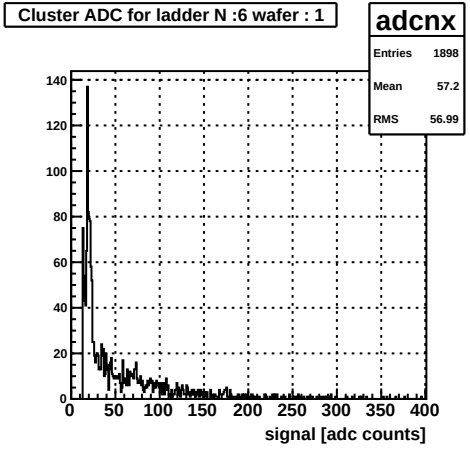

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 277
Mean 59.91
RMS 65.41
signal [adc counts]

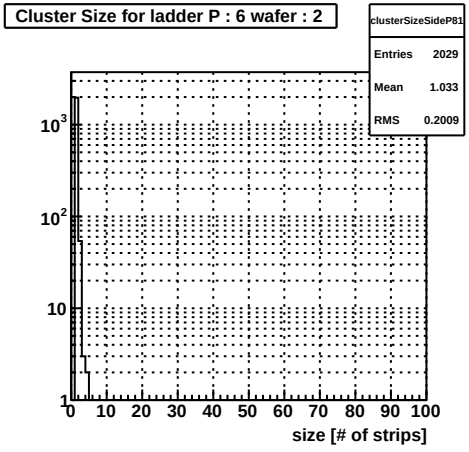

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 6930
Mean 1.037
RMS 0.2281
size [# of strips]

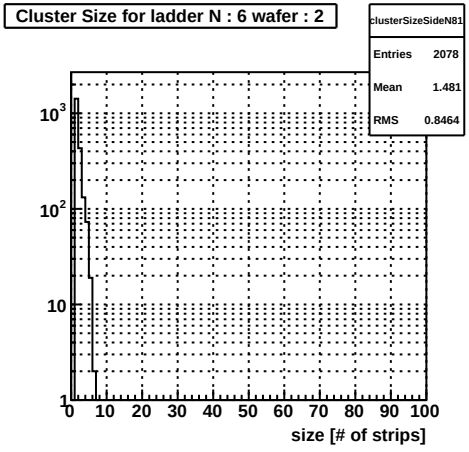

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1898
Mean 2.246
RMS 2.059
size [# of strips]

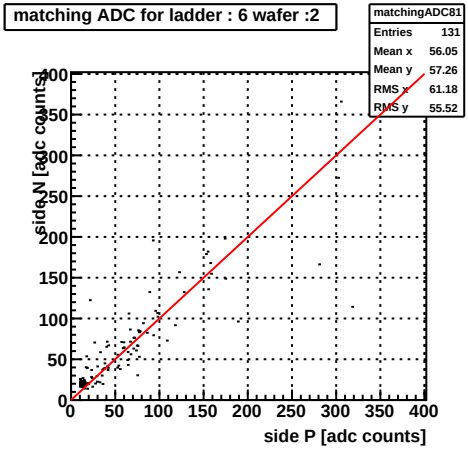

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 250
Mean x 73.45
Mean y 56.52
RMS x 60.82
RMS y 44.64
side N [adc counts]
side P [adc counts]

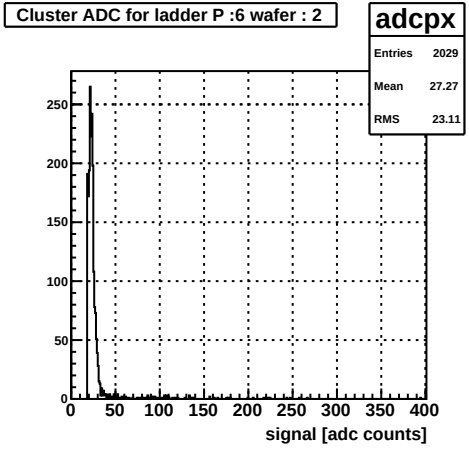

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 6930
Mean 26.86
RMS 23.73
signal [adc counts]

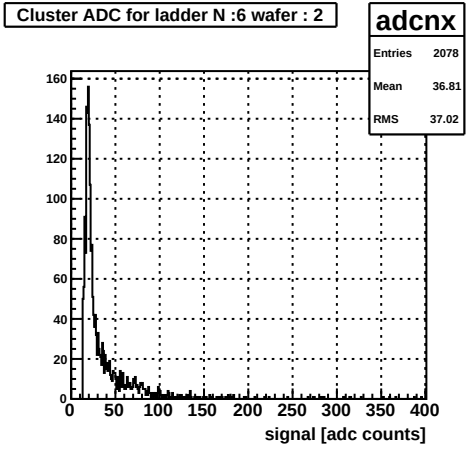

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1898
Mean 57.2
RMS 56.99
signal [adc counts]

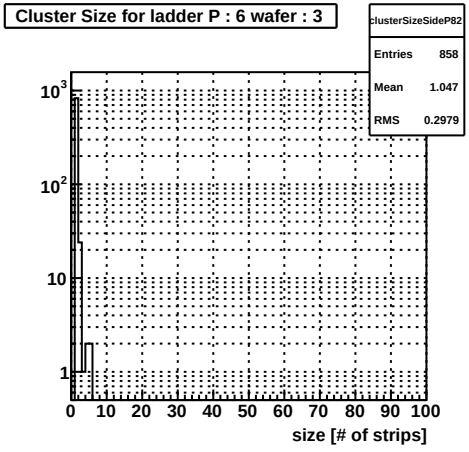

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2029
Mean 1.033
RMS 0.2009
size [# of strips]

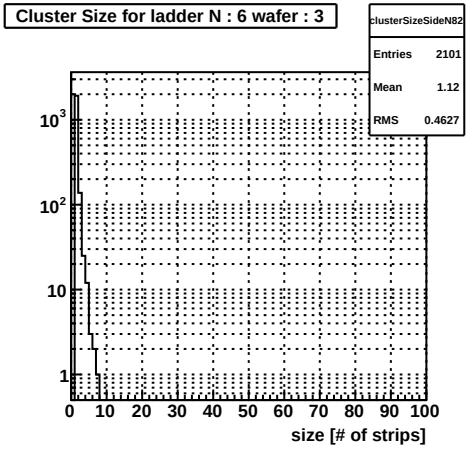

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2078
Mean 1.481
RMS 0.8464
size [# of strips]

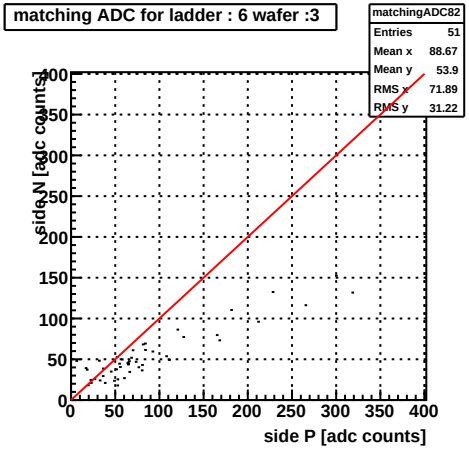

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 131
Mean x 56.05
Mean y 57.26
RMS x 61.18
RMS y 55.52
side N [adc counts]
side P [adc counts]

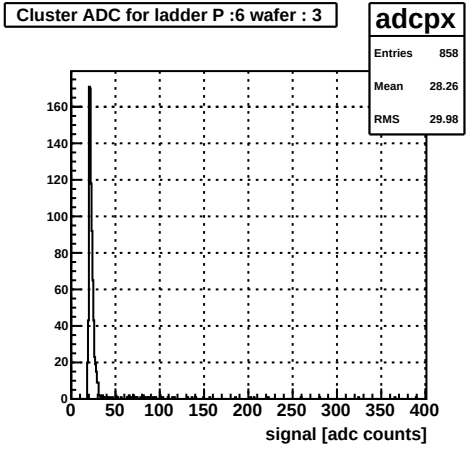

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2029
Mean 27.27
RMS 23.11
signal [adc counts]

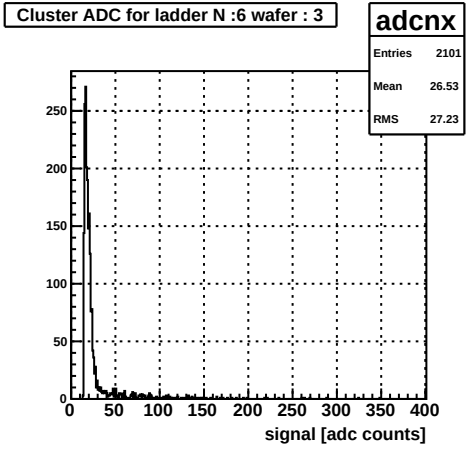

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2078
Mean 36.81
RMS 37.02
signal [adc counts]

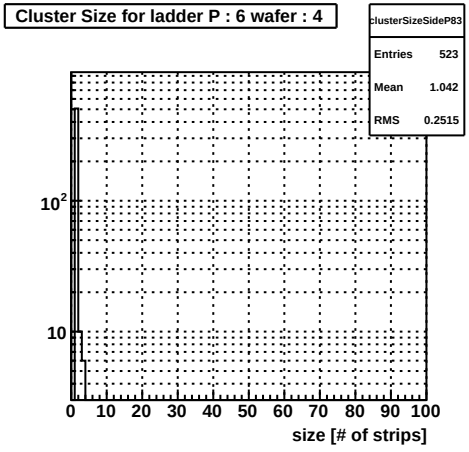

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 858
Mean 1.047
RMS 0.2979
size [# of strips]

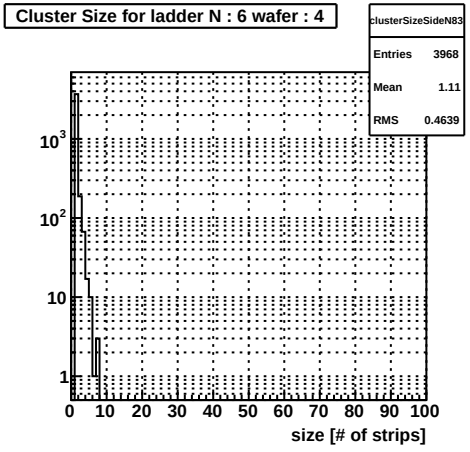

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2101
Mean 1.12
RMS 0.4627
size [# of strips]

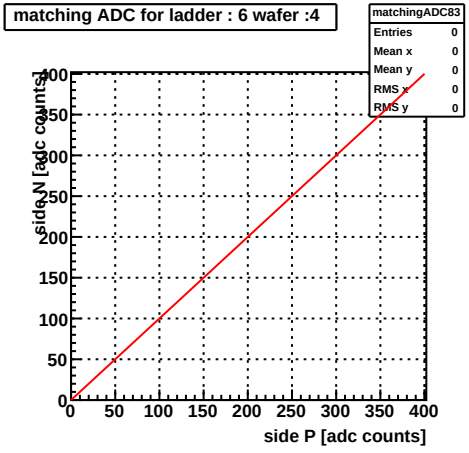

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 51
Mean x 88.67
Mean y 53.9
RMS x 71.89
RMS y 31.22
side N [adc counts]
side P [adc counts]

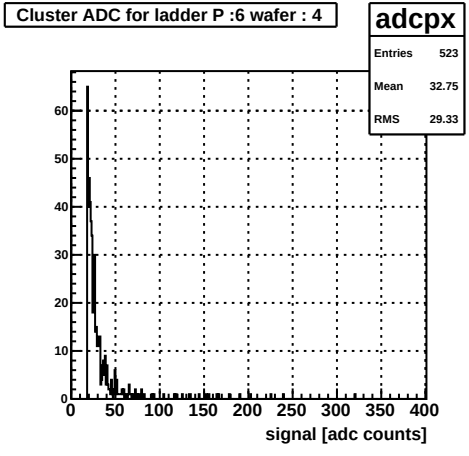

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 858
Mean 28.26
RMS 29.98
signal [adc counts]

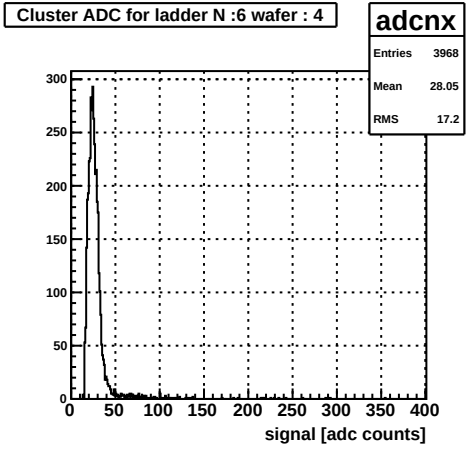

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2101
Mean 26.53
RMS 27.23
signal [adc counts]

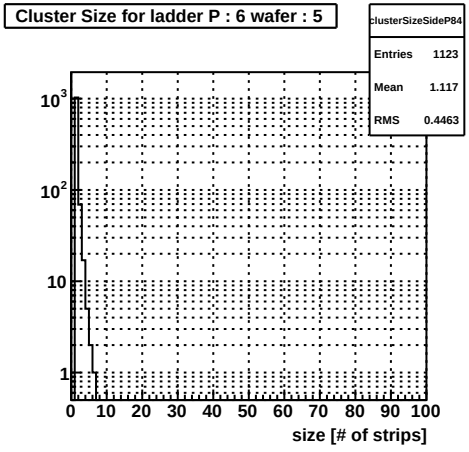

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 523
Mean 1.042
RMS 0.2515
size [# of strips]

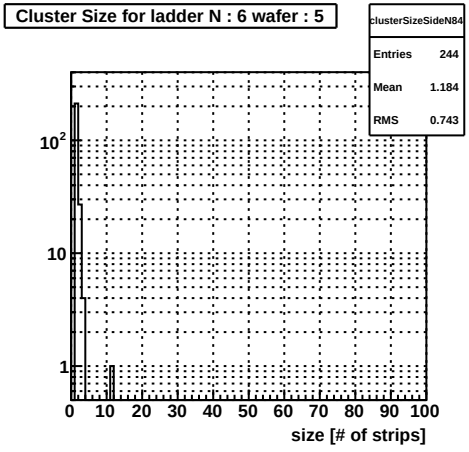

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3968
Mean 1.11
RMS 0.4639
size [# of strips]

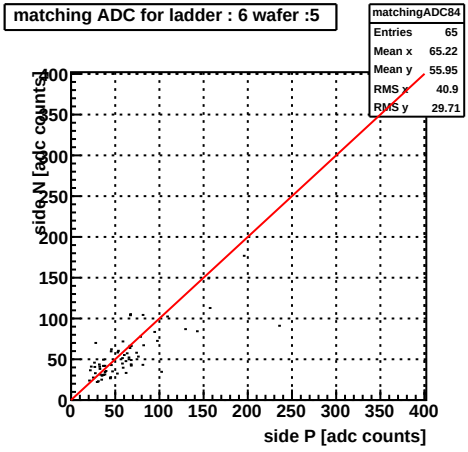

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

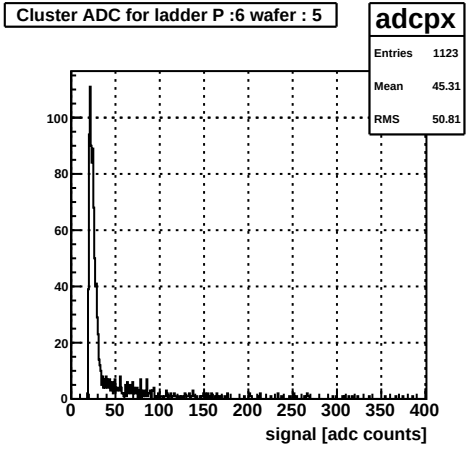

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 523
Mean 32.75
RMS 29.33
signal [adc counts]

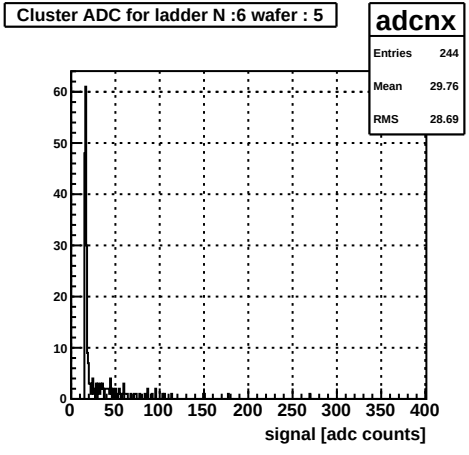

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3968
Mean 28.05
RMS 17.2
signal [adc counts]

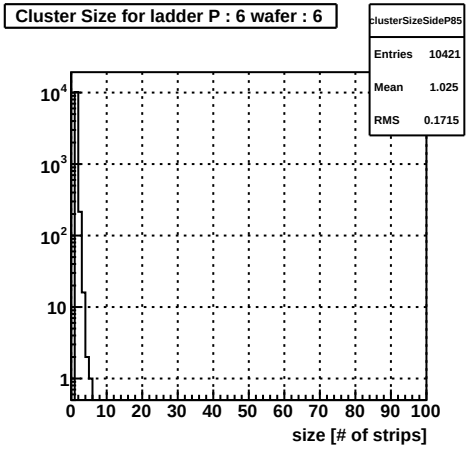

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1123
Mean 1.117
RMS 0.4463
size [# of strips]

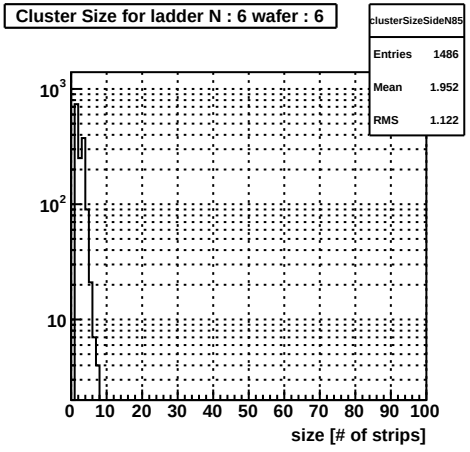

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 244
Mean 1.184
RMS 0.743
size [# of strips]

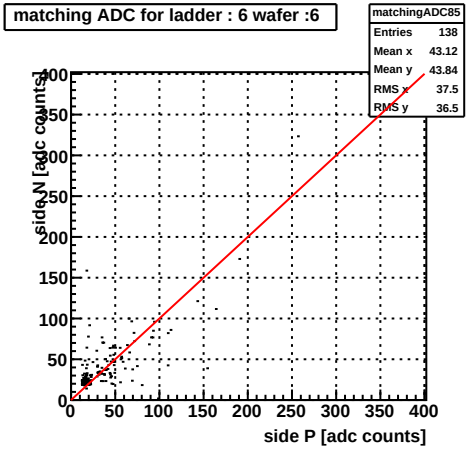

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 65
Mean x 65.22
Mean y 55.95
RMS x 40.9
RMS y 29.71
side N [adc counts]
side P [adc counts]

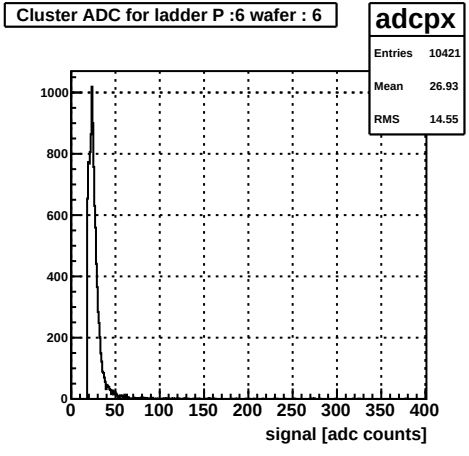

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1123
Mean 45.31
RMS 50.81
signal [adc counts]

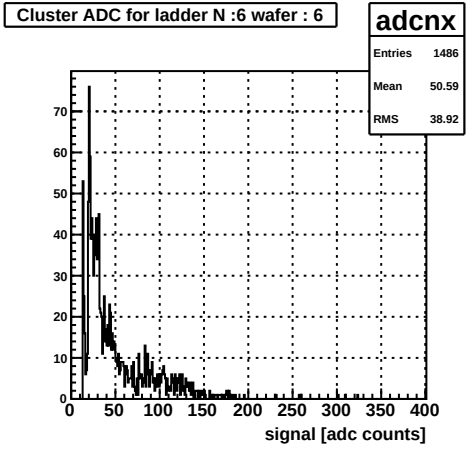

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 244
Mean 29.76
RMS 28.69
signal [adc counts]

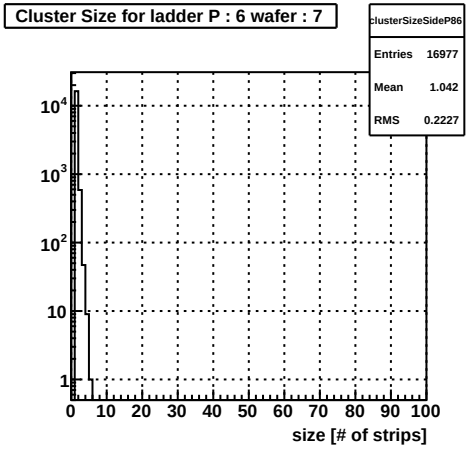

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10421
Mean 1.025
RMS 0.1715
size [# of strips]

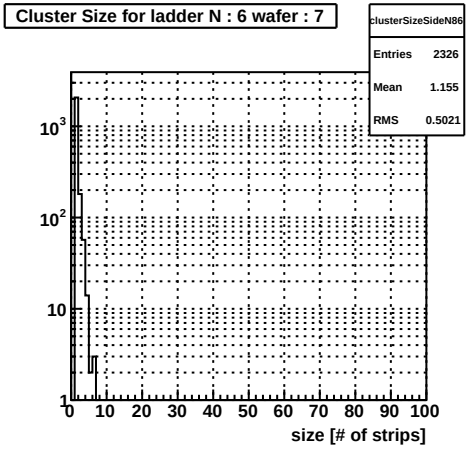

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1486
Mean 1.952
RMS 1.122
size [# of strips]

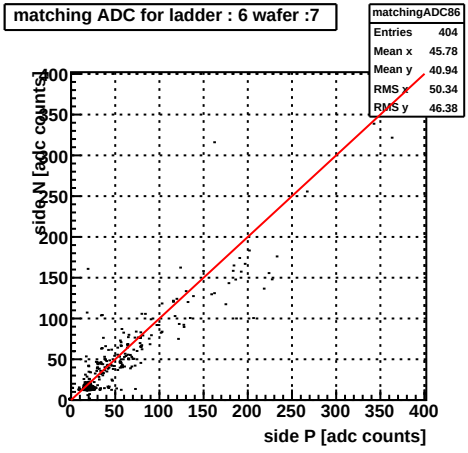

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 138
Mean x 43.12
Mean y 43.84
RMS x 37.5
RMS y 36.5
side N [adc counts]
side P [adc counts]

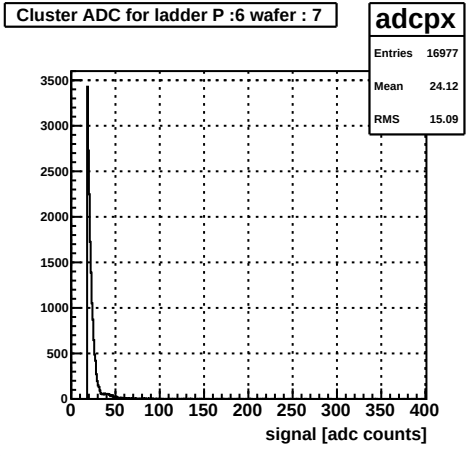

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10421
Mean 26.93
RMS 14.55
signal [adc counts]

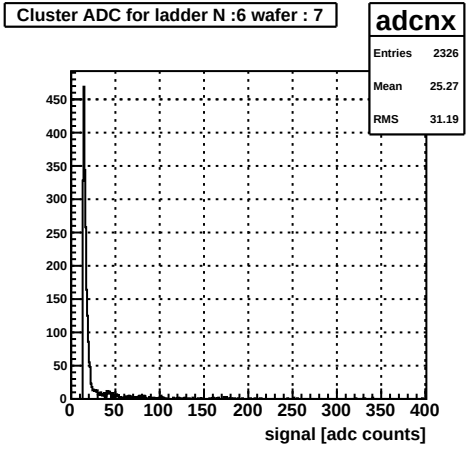

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1486
Mean 50.59
RMS 38.92
signal [adc counts]

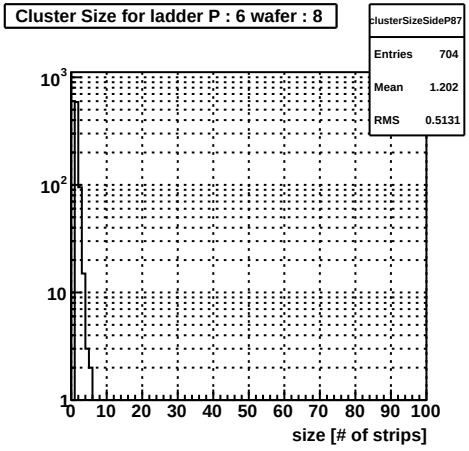

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 16977
Mean 1.042
RMS 0.2227
size [# of strips]

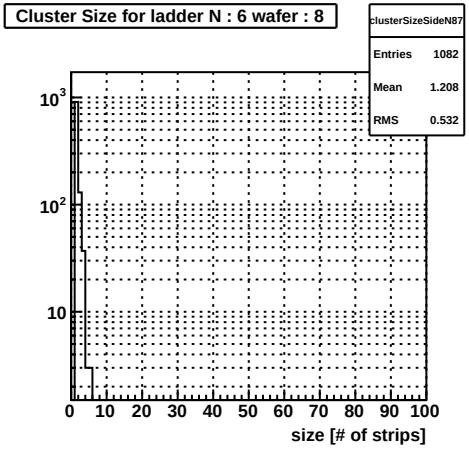

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2326
Mean 1.155
RMS 0.5021
size [# of strips]

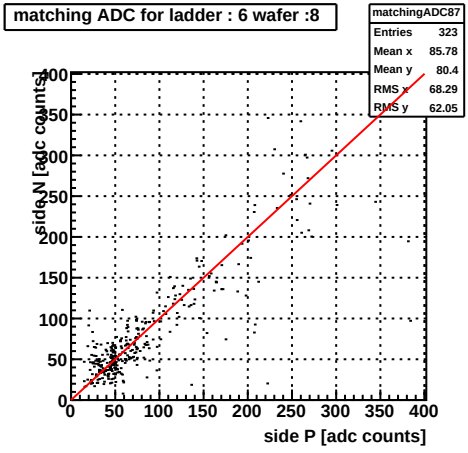

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 404
Mean x 45.78
Mean y 40.94
RMS x 50.34
RMS y 46.38
side N [adc counts]
side P [adc counts]

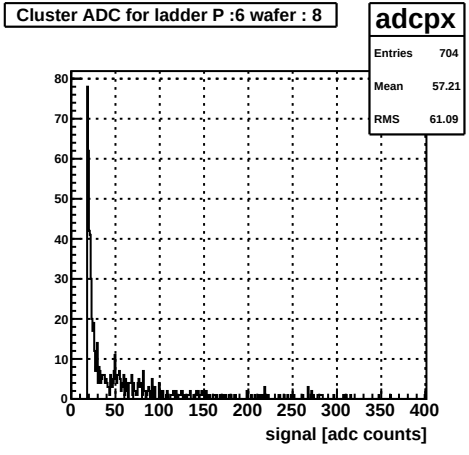

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 16977
Mean 24.12
RMS 15.09
signal [adc counts]

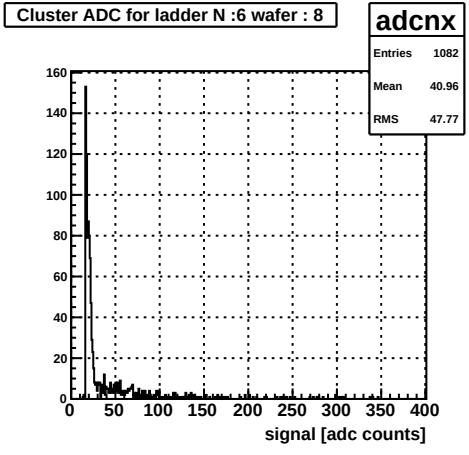

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2326
Mean 25.27
RMS 31.19
signal [adc counts]

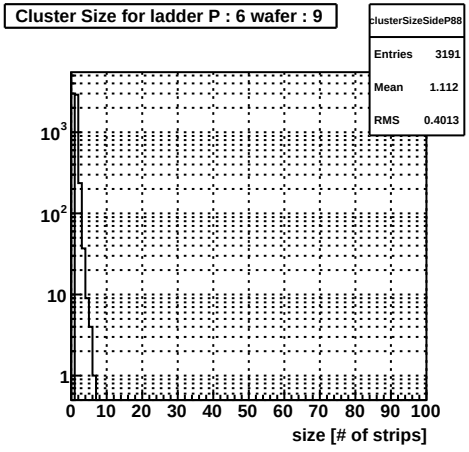

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 704
Mean 1.202
RMS 0.5131
size [# of strips]

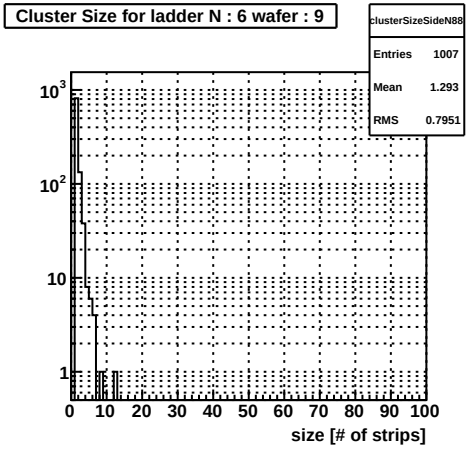

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1082
Mean 1.208
RMS 0.532
size [# of strips]

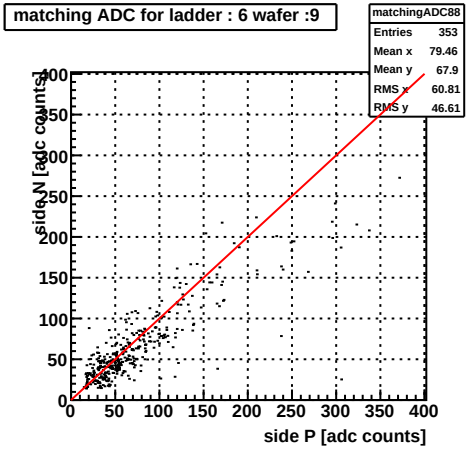

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 323
Mean x 85.78
Mean y 80.4
RMS x 68.29
RMS y 62.05
side N [adc counts]
side P [adc counts]

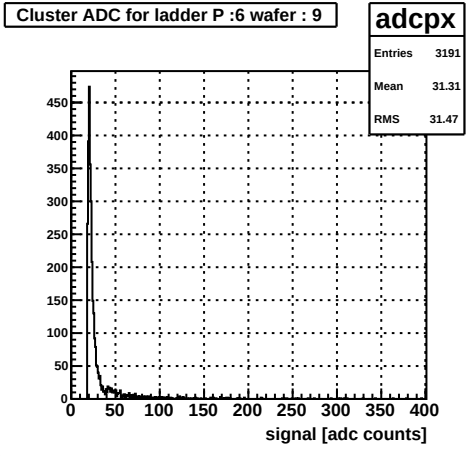

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 704
Mean 57.21
RMS 61.09
signal [adc counts]

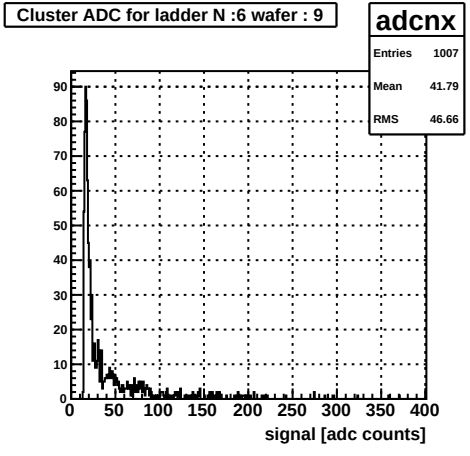

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1082
Mean 40.96
RMS 47.77
signal [adc counts]

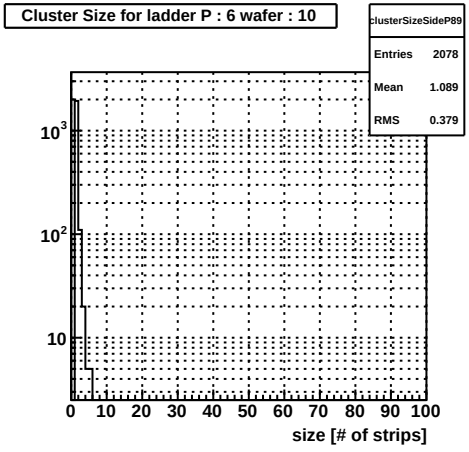

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3191
Mean 1.112
RMS 0.4013
size [# of strips]

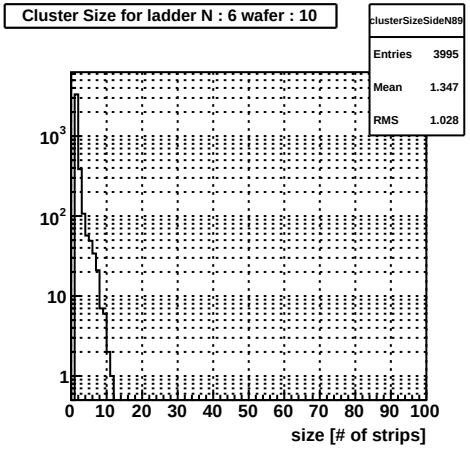

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1007
Mean 1.293
RMS 0.7951
size [# of strips]

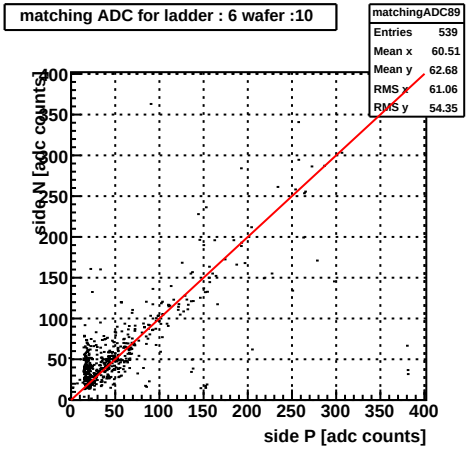

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 353
Mean x 79.46
Mean y 67.9
RMS x 60.81
RMS y 46.61
side N [adc counts]
side P [adc counts]

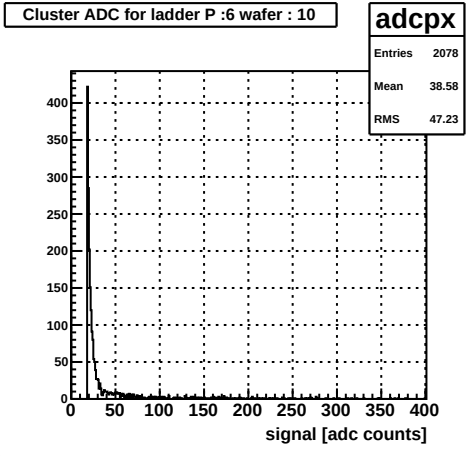

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3191
Mean 31.31
RMS 31.47
signal [adc counts]

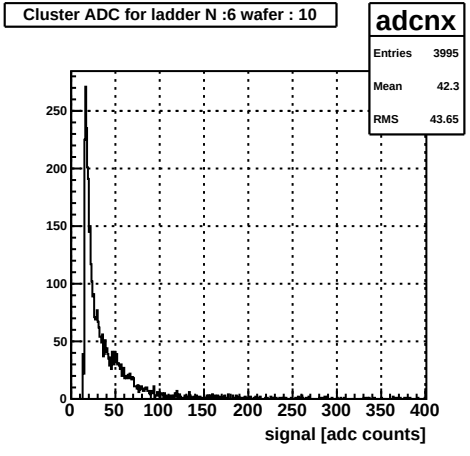

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1007
Mean 41.79
RMS 46.66
signal [adc counts]

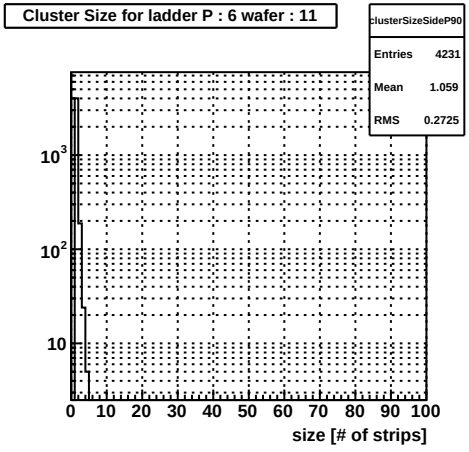

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2078
Mean 1.089
RMS 0.379
size [# of strips]

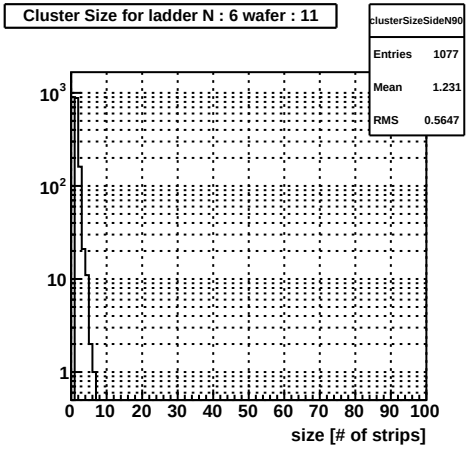

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3995
Mean 1.347
RMS 1.028
size [# of strips]

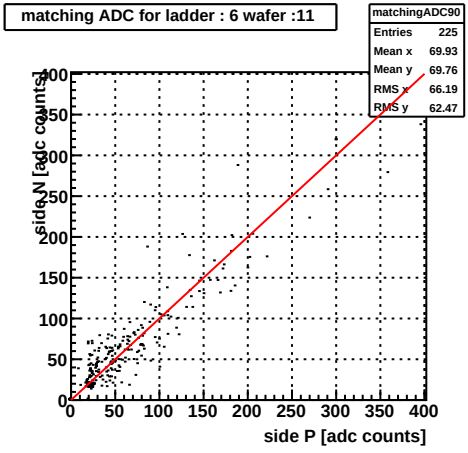

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 539
Mean x 60.51
Mean y 62.68
RMS x 61.06
RMS y 54.35
side N [adc counts]
side P [adc counts]

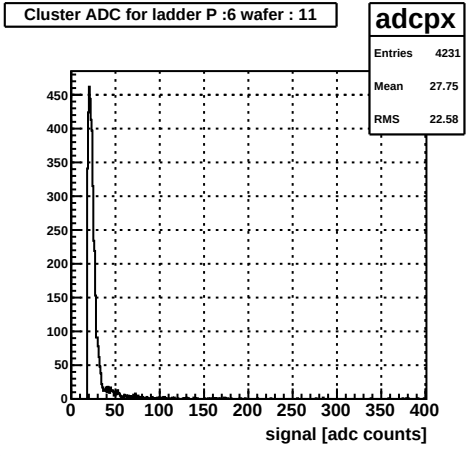

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2078
Mean 38.58
RMS 47.23
signal [adc counts]

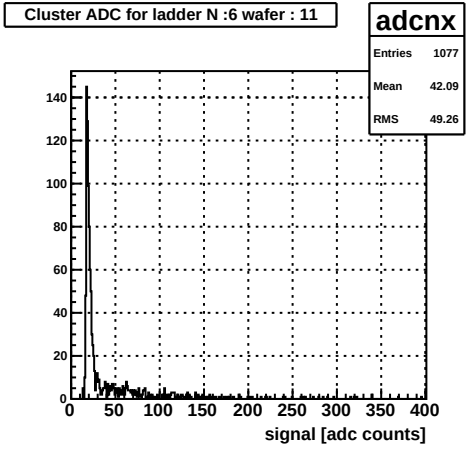

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3995
Mean 42.3
RMS 43.65
signal [adc counts]

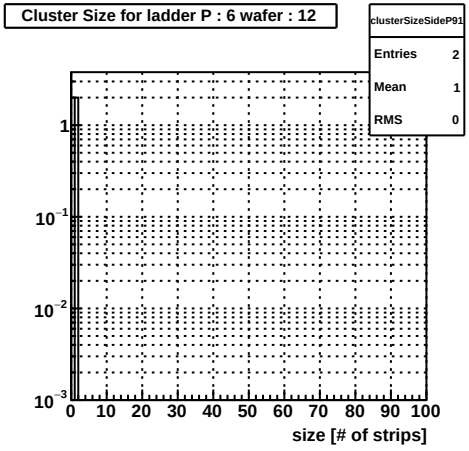

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4231
Mean 1.059
RMS 0.2725
size [# of strips]

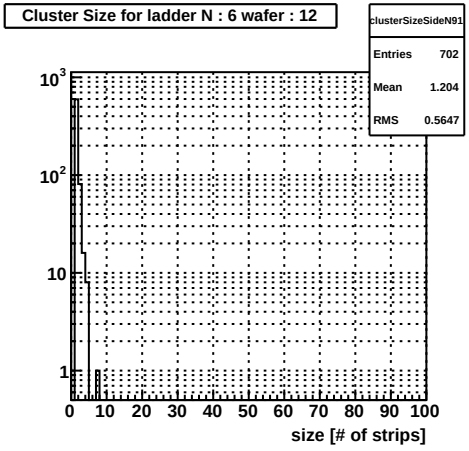

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1077
Mean 1.231
RMS 0.5647
size [# of strips]

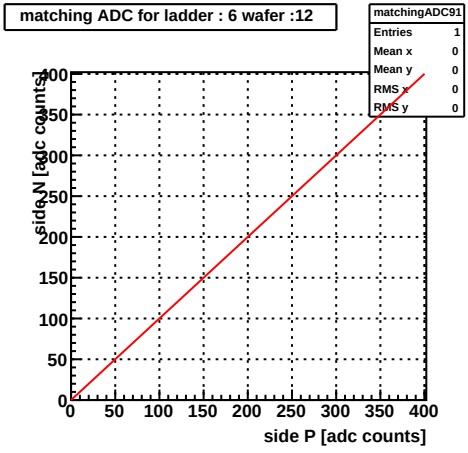

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 225
Mean x 69.93
Mean y 69.76
RMS x 66.19
RMS y 62.47
side N [adc counts]
side P [adc counts]

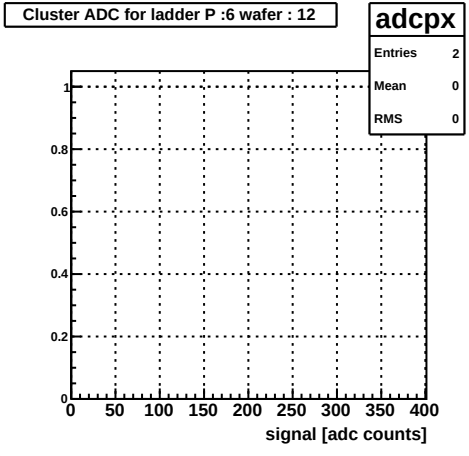

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4231
Mean 27.75
RMS 22.58
signal [adc counts]

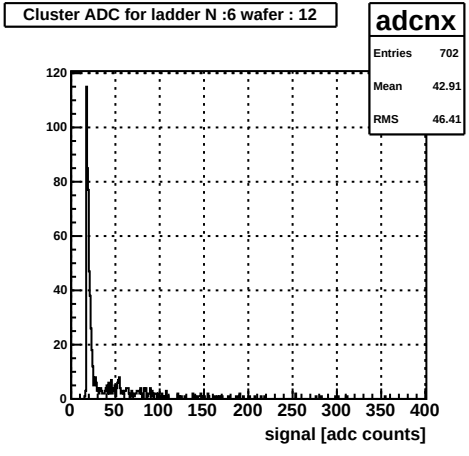

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1077
Mean 42.09
RMS 49.26
signal [adc counts]

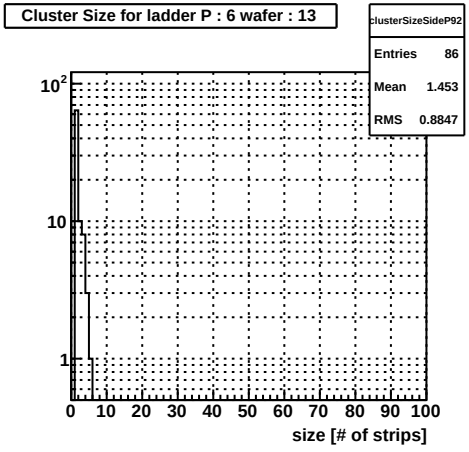

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

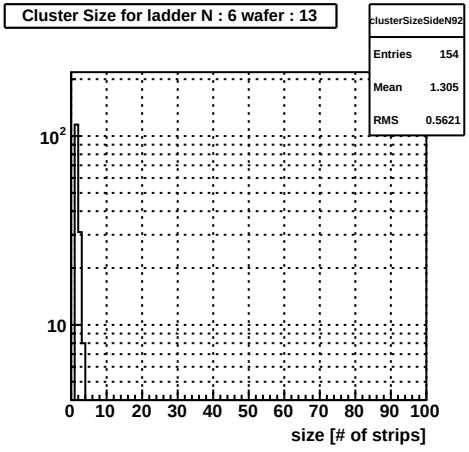

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 702
Mean 1.204
RMS 0.5647
size [# of strips]

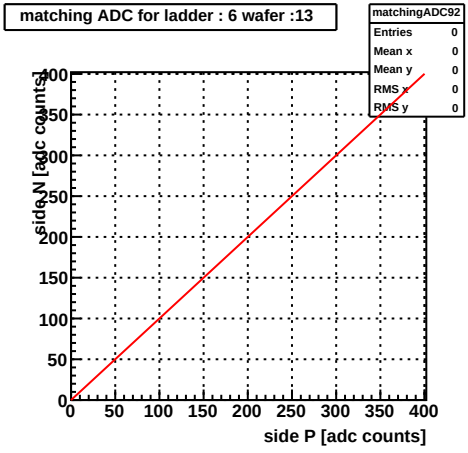

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

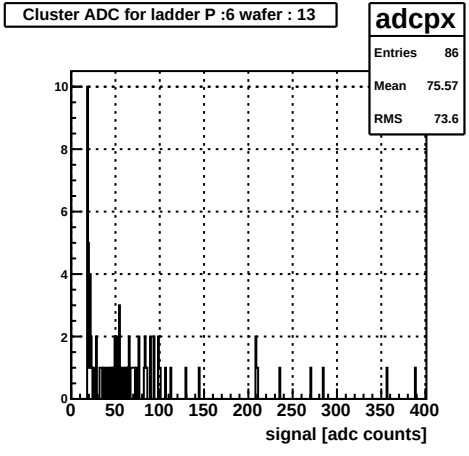

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

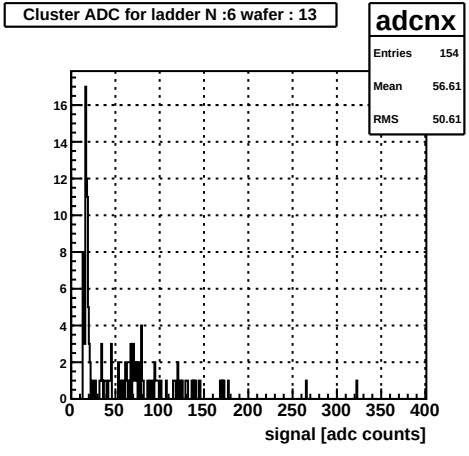

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 702
Mean 42.91
RMS 46.41
signal [adc counts]

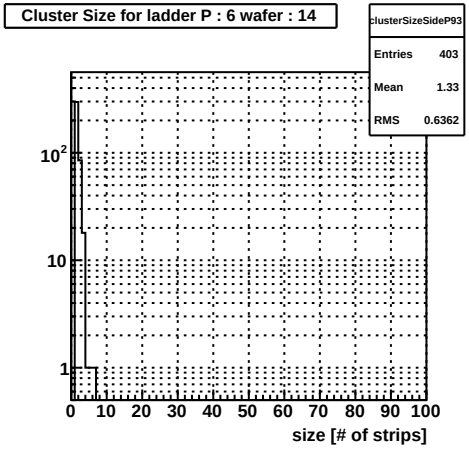

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 86
Mean 1.453
RMS 0.8847
size [# of strips]

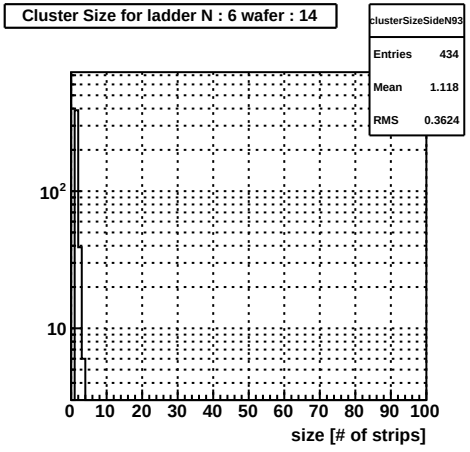

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 154
Mean 1.305
RMS 0.5621
size [# of strips]

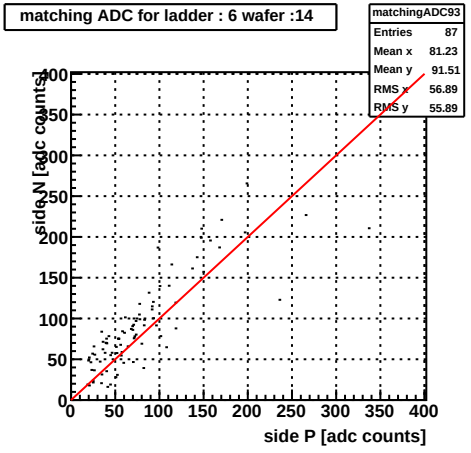

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

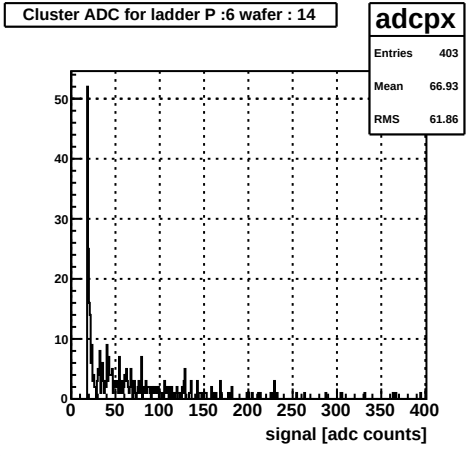

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 86
Mean 75.57
RMS 73.6
signal [adc counts]

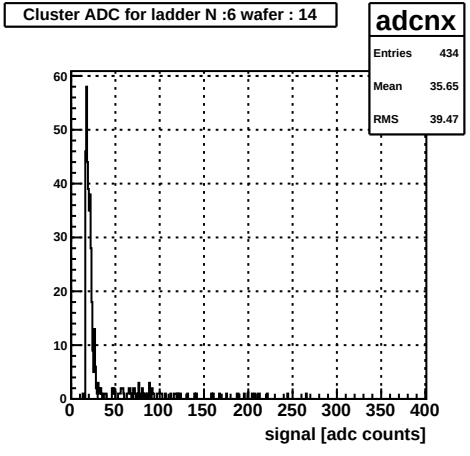

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 154
Mean 56.61
RMS 50.61
signal [adc counts]

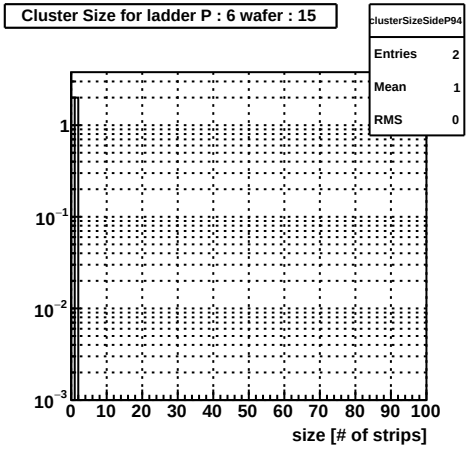

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 403
Mean 1.33
RMS 0.6362
size [# of strips]

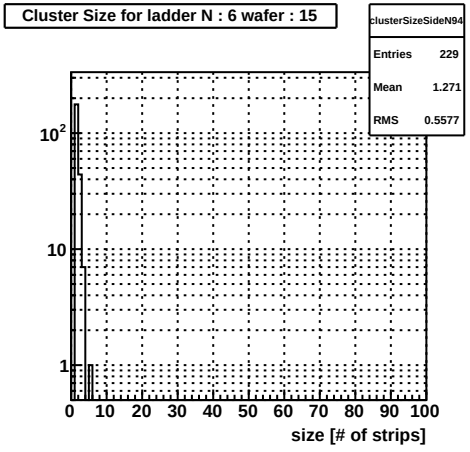

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 434
Mean 1.118
RMS 0.3624
size [# of strips]

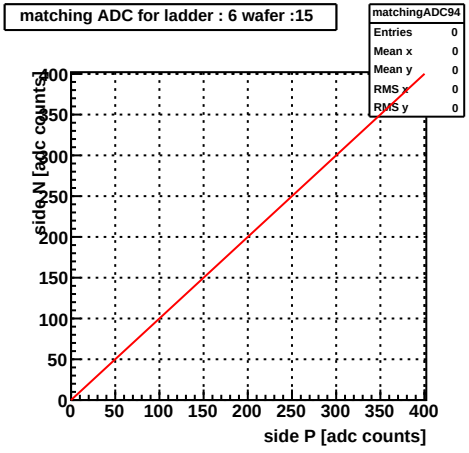

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 87
Mean x 81.23
Mean y 91.51
RMS x 56.89
RMS y 55.89
side N [adc counts]
side P [adc counts]

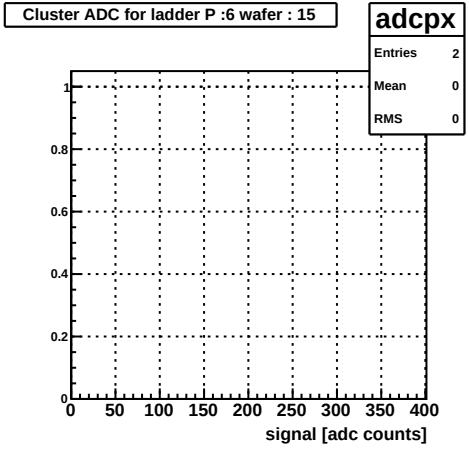

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 403
Mean 66.93
RMS 61.86
signal [adc counts]

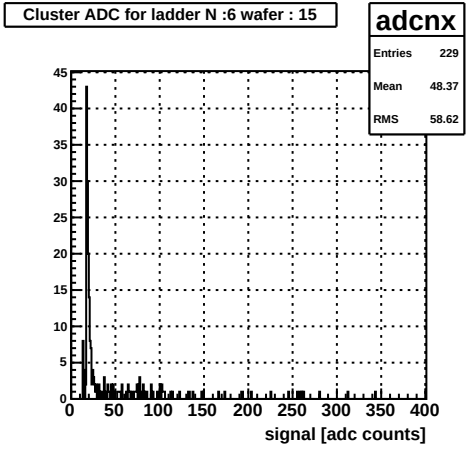

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 434
Mean 35.65
RMS 39.47
signal [adc counts]

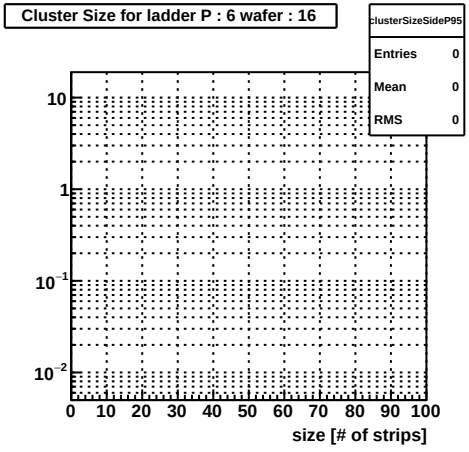

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

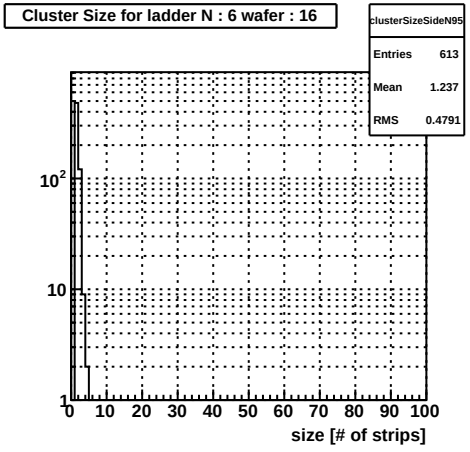

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 229
Mean 1.271
RMS 0.5577
size [# of strips]

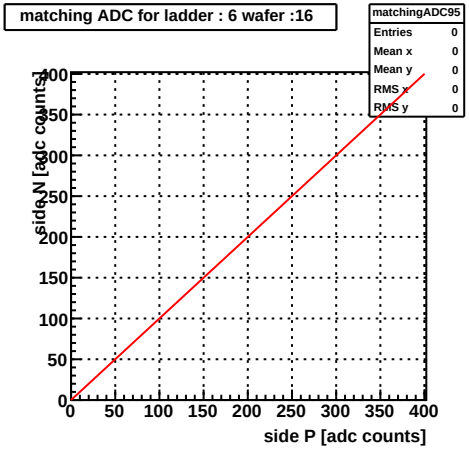

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

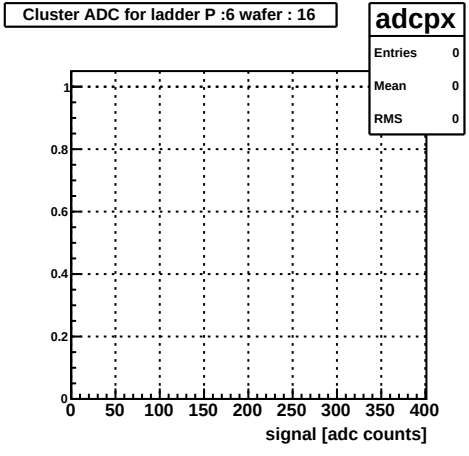

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

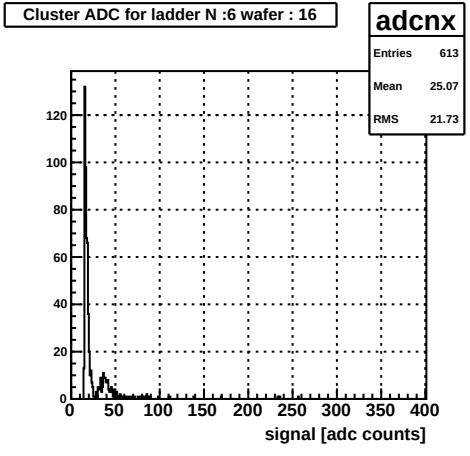

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 229
Mean 48.37
RMS 58.62
signal [adc counts]

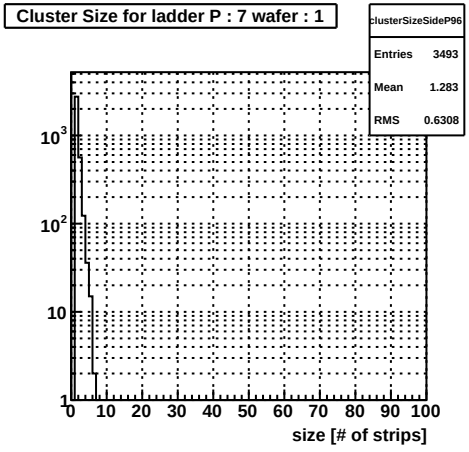

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

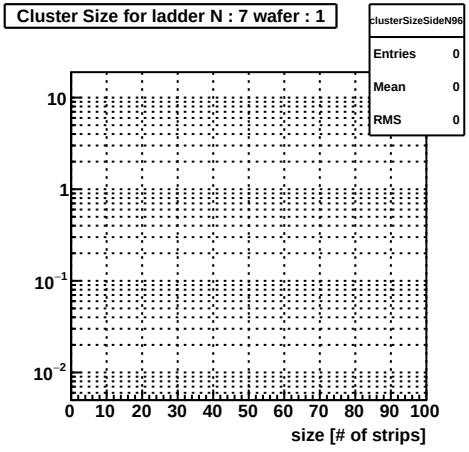

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 613
Mean 1.237
RMS 0.4791
size [# of strips]

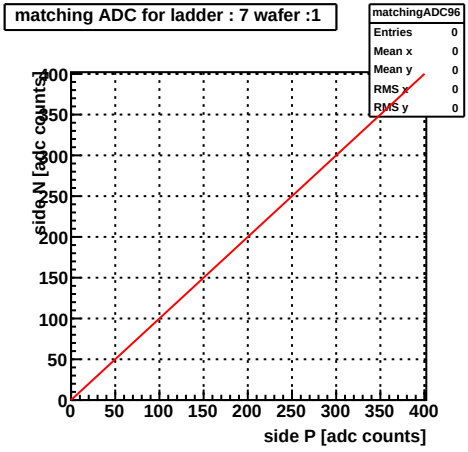

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

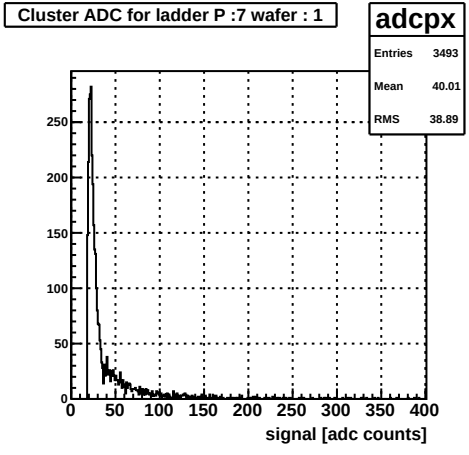

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

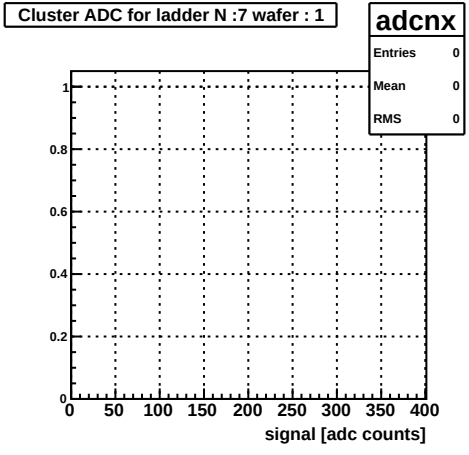

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 613
Mean 25.07
RMS 21.73
signal [adc counts]

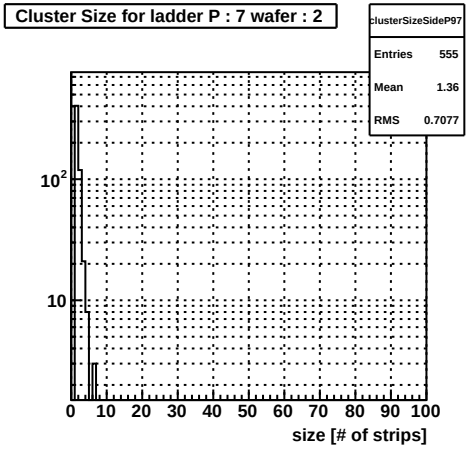

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 3493
Mean 1.283
RMS 0.6308
size [# of strips]

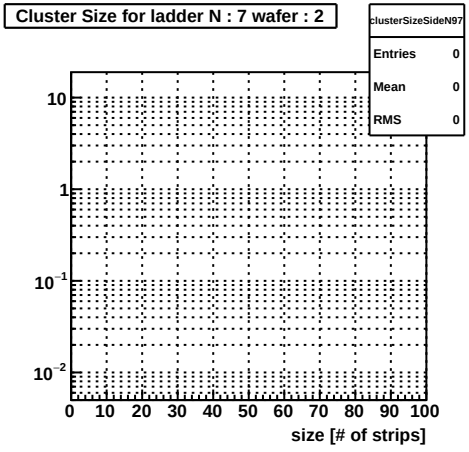

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

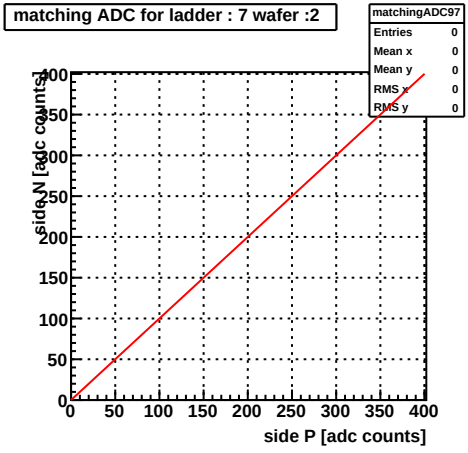

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

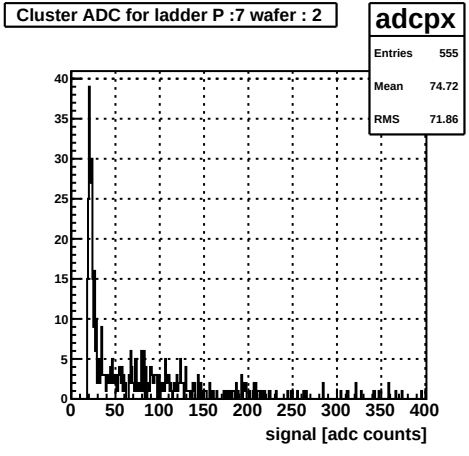

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 3493
Mean 40.01
RMS 38.89
signal [adc counts]

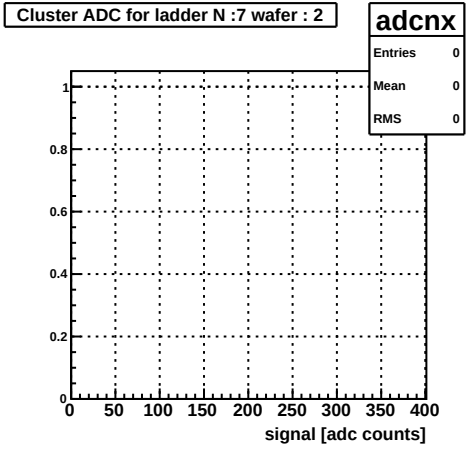

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

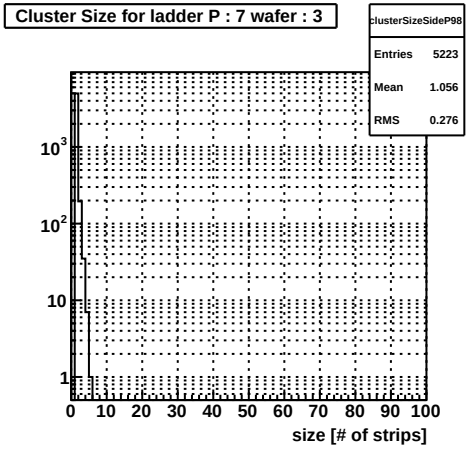

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 555
Mean 1.36
RMS 0.7077
size [# of strips]

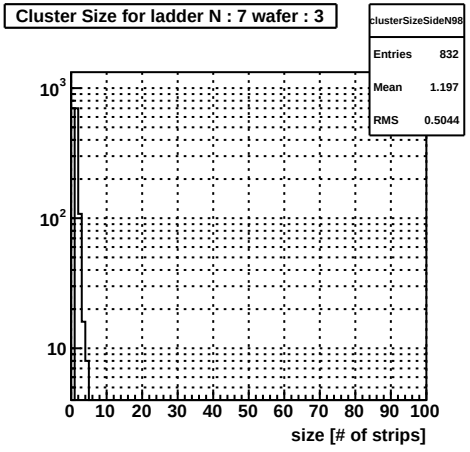

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

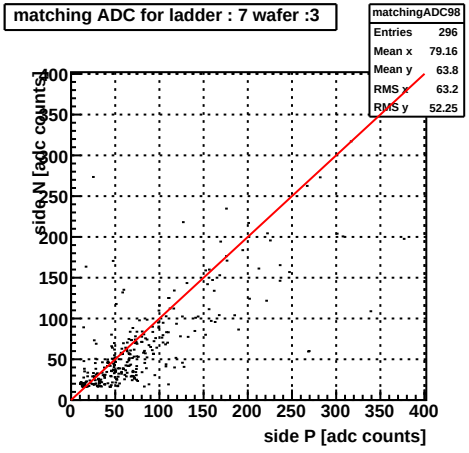

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

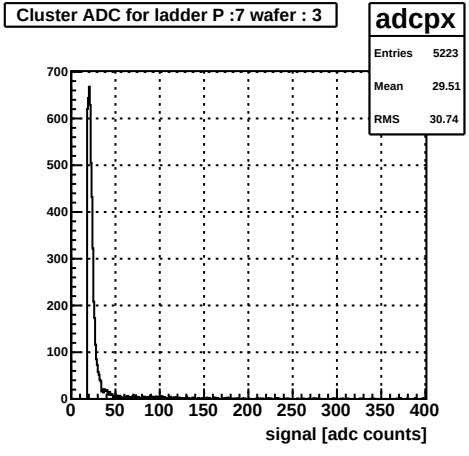

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 555
Mean 74.72
RMS 71.86
signal [adc counts]

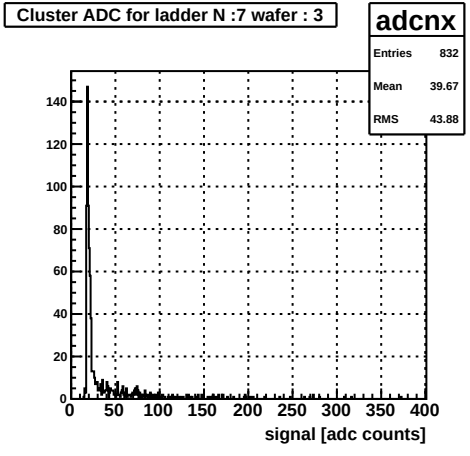

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

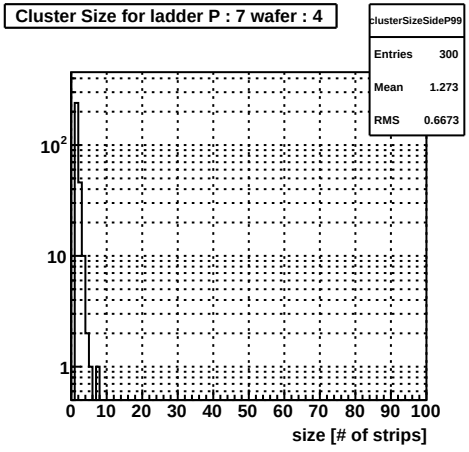

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5223
Mean 1.056
RMS 0.276
size [# of strips]

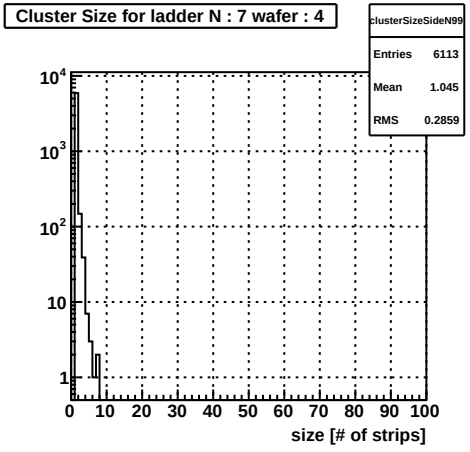

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 832
Mean 1.197
RMS 0.5044
size [# of strips]

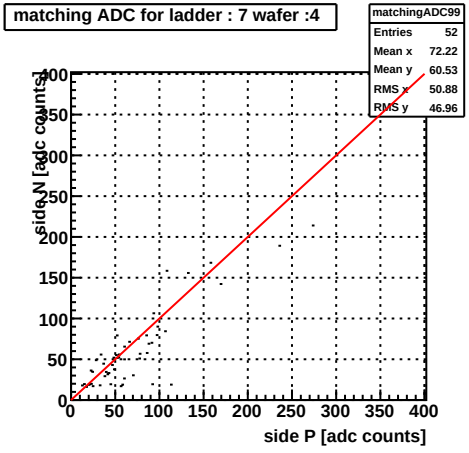

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 296
Mean x 79.16
Mean y 63.8
RMS x 63.2
RMS y 52.25
side N [adc counts]
side P [adc counts]

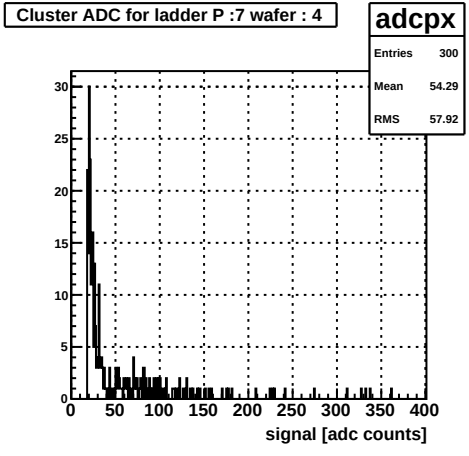

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5223
Mean 29.51
RMS 30.74
signal [adc counts]

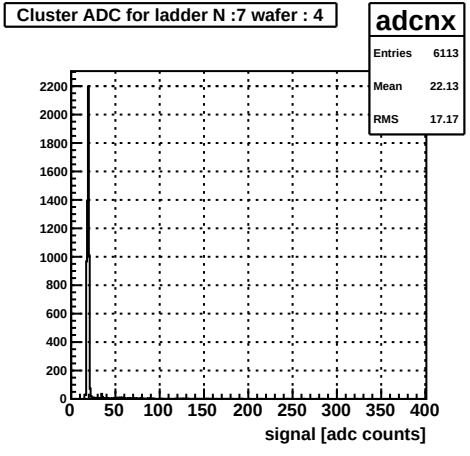

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 832
Mean 39.67
RMS 43.88
signal [adc counts]

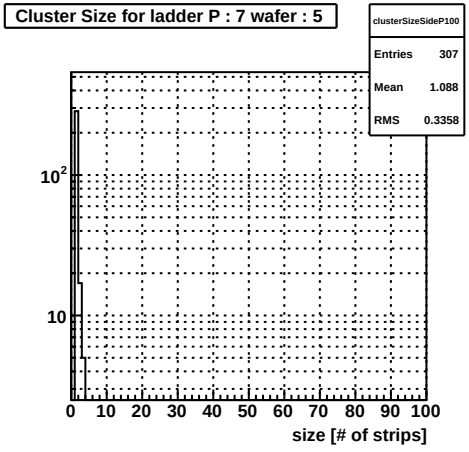

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 300
Mean 1.273
RMS 0.6673
size [# of strips]

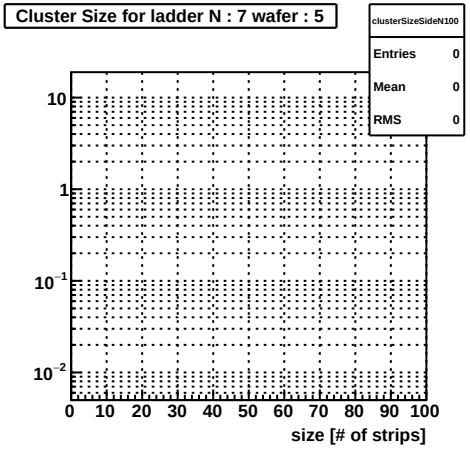

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6113
Mean 1.045
RMS 0.2859
size [# of strips]

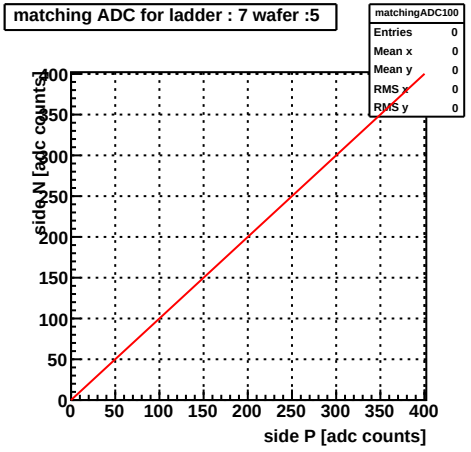

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 52
Mean x 72.22
Mean y 60.53
RMS x 50.88
RMS y 46.96
side N [adc counts]
side P [adc counts]

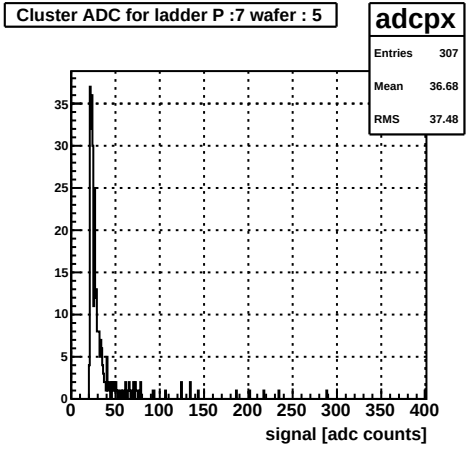

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 300
Mean 54.29
RMS 57.92
signal [adc counts]

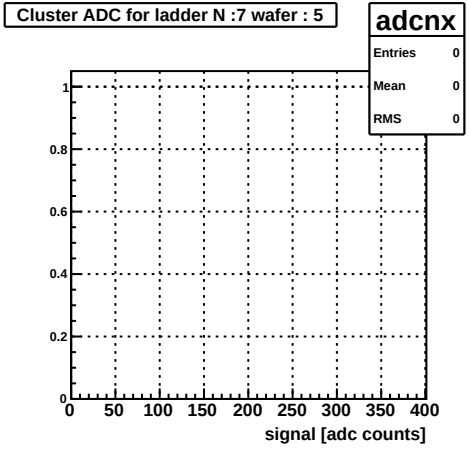

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6113
Mean 22.13
RMS 17.17
signal [adc counts]

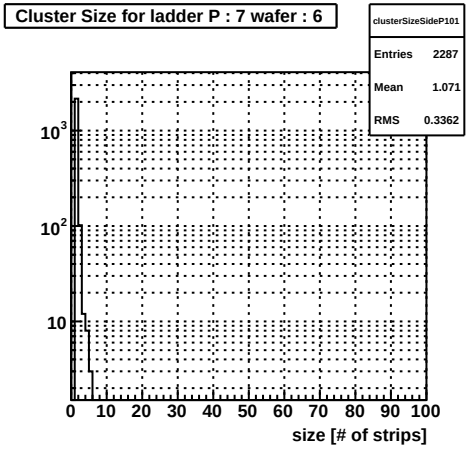

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 307
Mean 1.088
RMS 0.3358
size [# of strips]

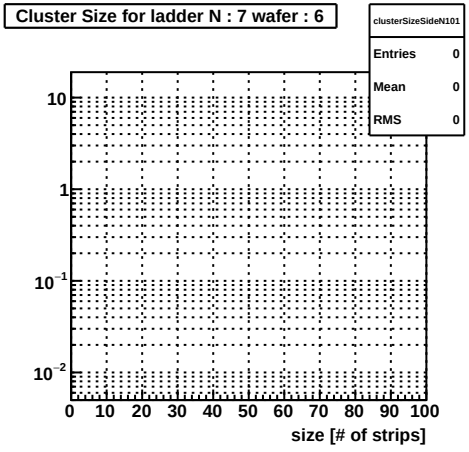

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

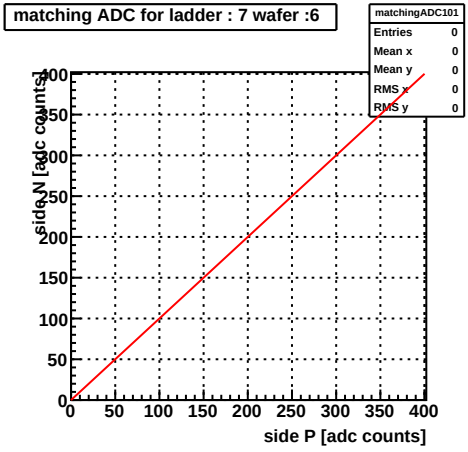

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

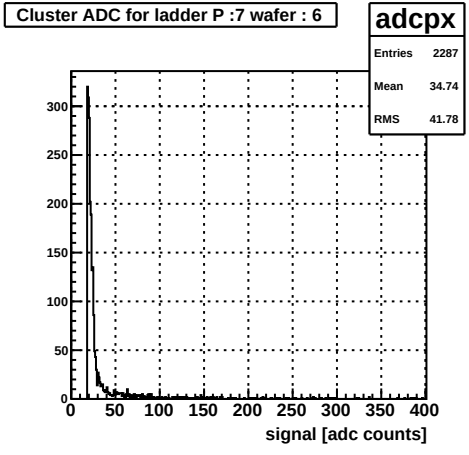

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 307
Mean 36.68
RMS 37.48
signal [adc counts]

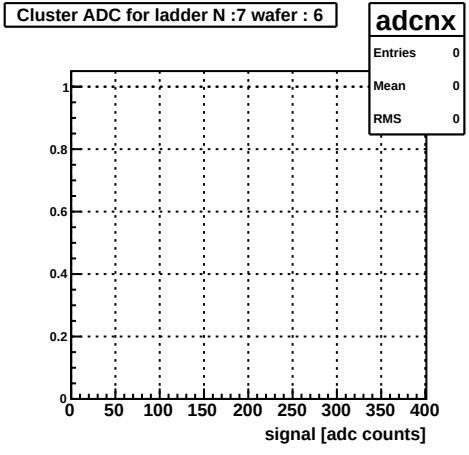

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

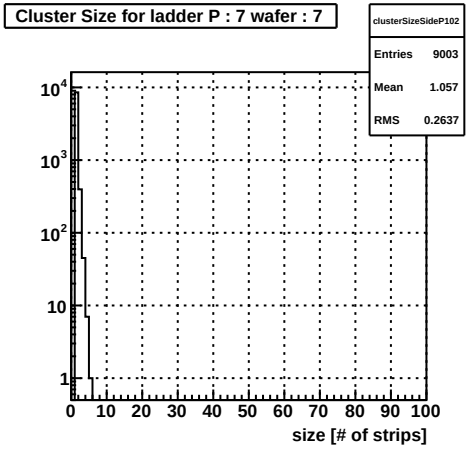

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2287
Mean 1.071
RMS 0.3362
size [# of strips]

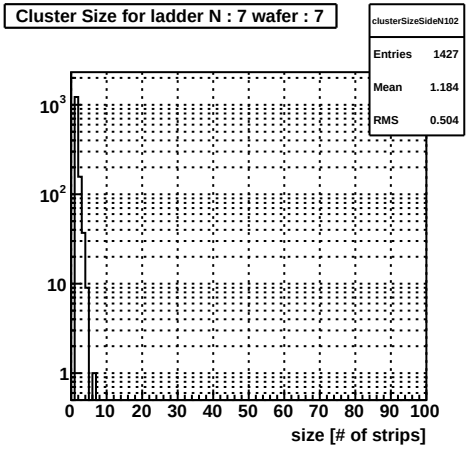

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

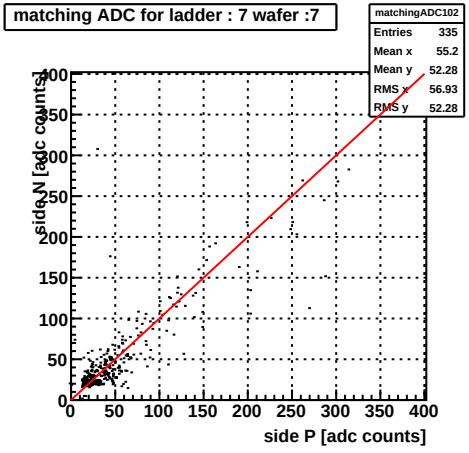

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

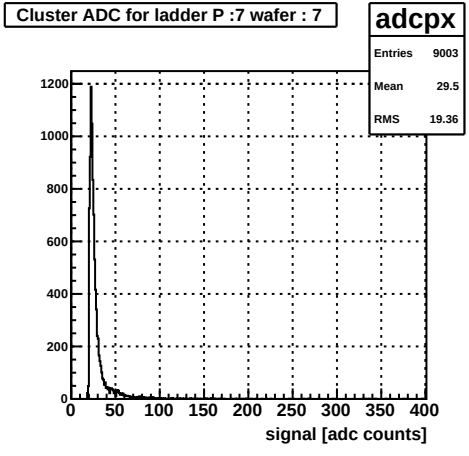

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2287
Mean 34.74
RMS 41.78
signal [adc counts]

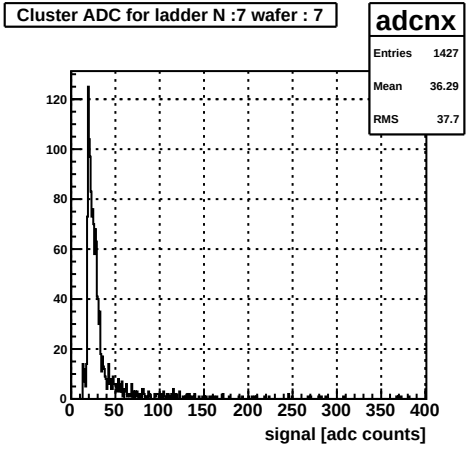

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

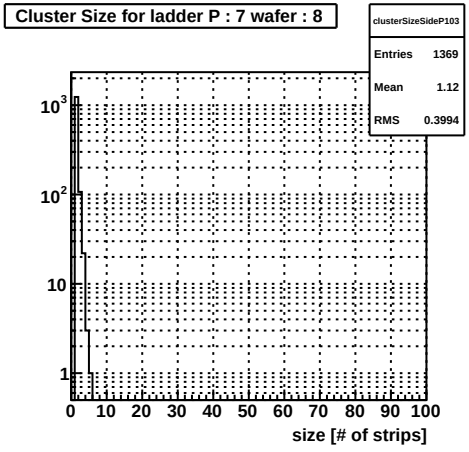

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 9003
Mean 1.057
RMS 0.2637
size [# of strips]

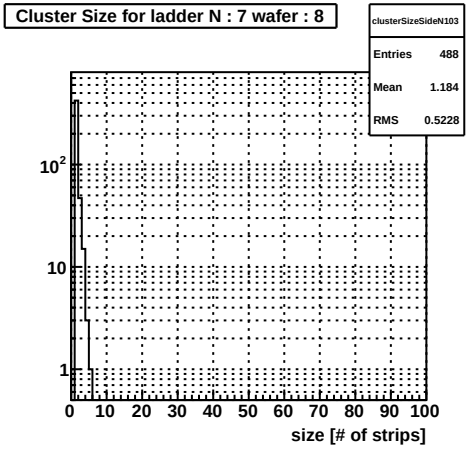

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1427
Mean 1.184
RMS 0.504
size [# of strips]

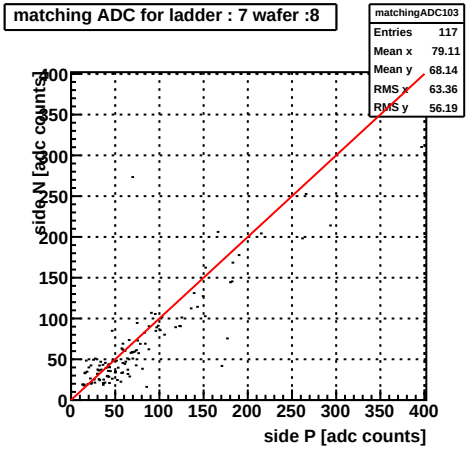

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 335
Mean x 55.2
Mean y 52.28
RMS x 56.93
RMS y 52.28
side N [adc counts]
side P [adc counts]

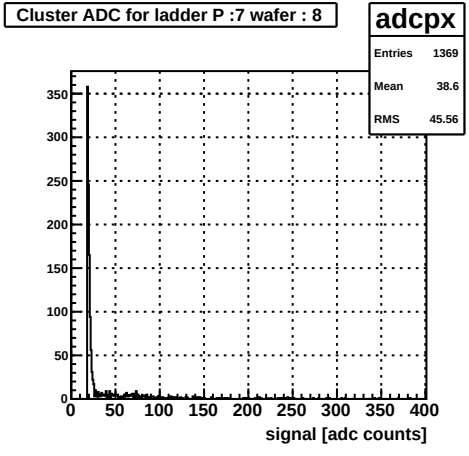

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 9003
Mean 29.5
RMS 19.36
signal [adc counts]

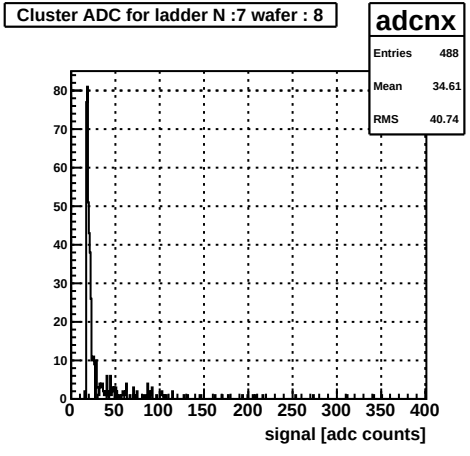

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1427
Mean 36.29
RMS 37.7
signal [adc counts]

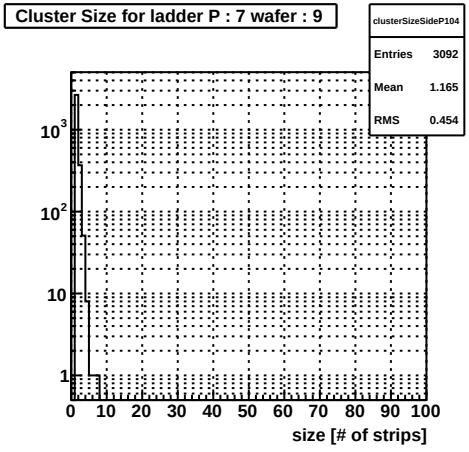

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1369
Mean 1.12
RMS 0.3994
size [# of strips]

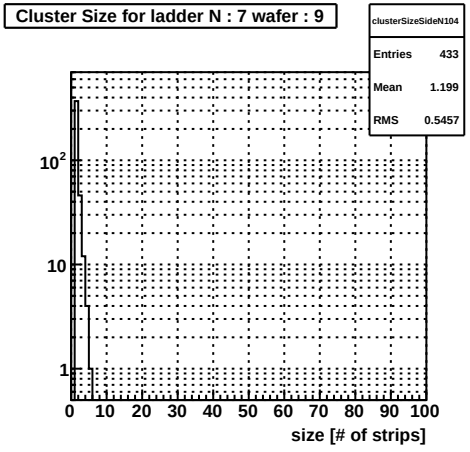

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 488
Mean 1.184
RMS 0.5228
size [# of strips]

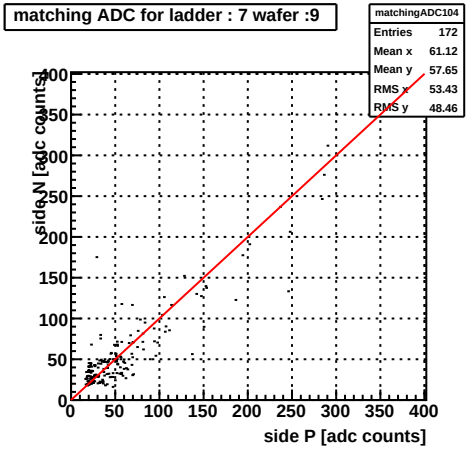

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 117
Mean x 79.11
Mean y 68.14
RMS x 63.36
RMS y 56.19
side N [adc counts]
side P [adc counts]

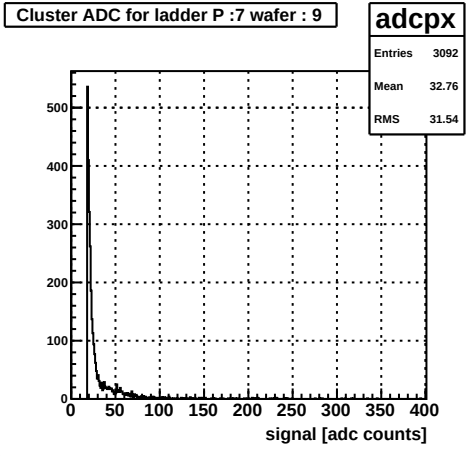

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1369
Mean 38.6
RMS 45.56
signal [adc counts]

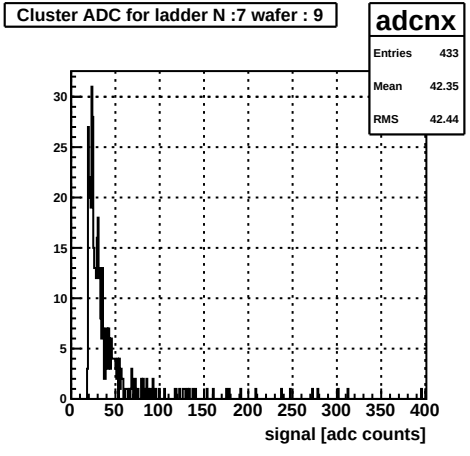

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 488
Mean 34.61
RMS 40.74
signal [adc counts]

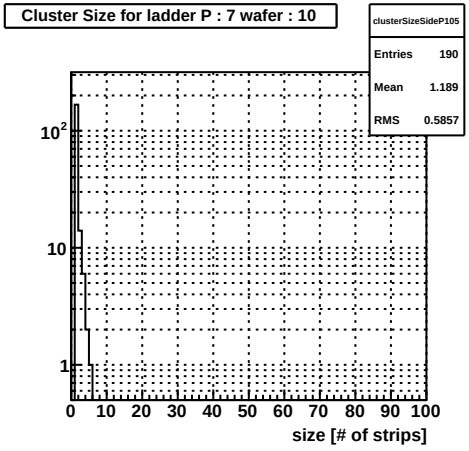

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 3092
Mean 1.165
RMS 0.454
size [# of strips]

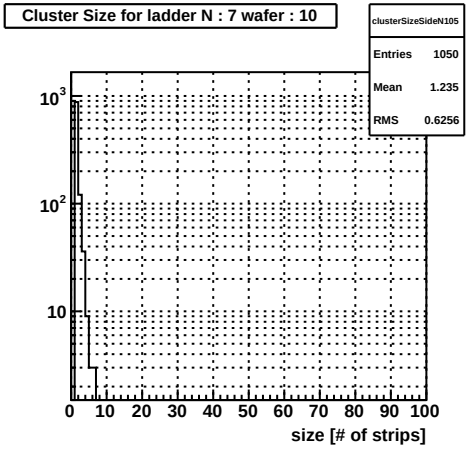

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 433
Mean 1.199
RMS 0.5457
size [# of strips]

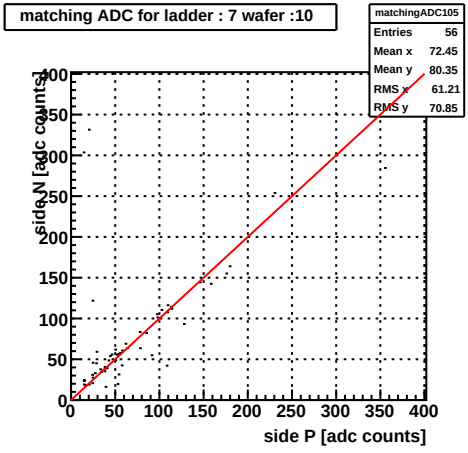

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 172
Mean x 61.12
Mean y 57.65
RMS x 53.43
RMS y 48.46
side N [adc counts]
side P [adc counts]

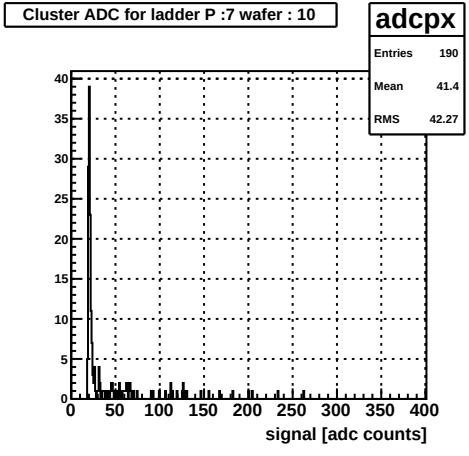

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 3092
Mean 32.76
RMS 31.54
signal [adc counts]

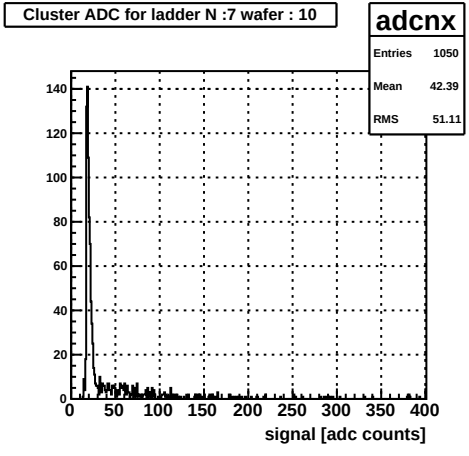

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 433
Mean 42.35
RMS 42.44
signal [adc counts]

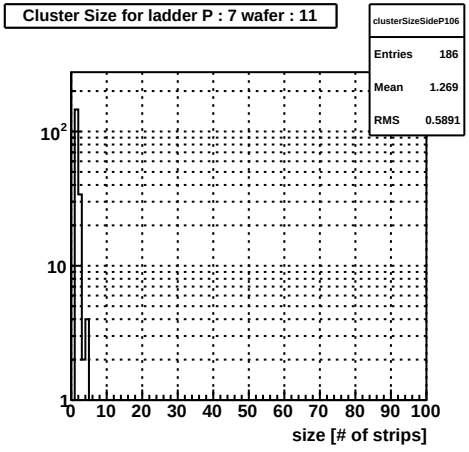

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 190
Mean 1.189
RMS 0.5857
size [# of strips]

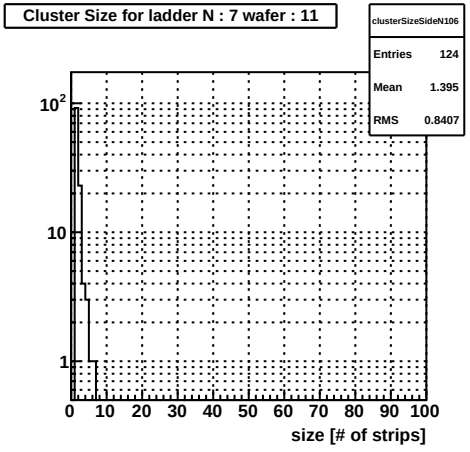

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1050
Mean 1.235
RMS 0.6256
size [# of strips]

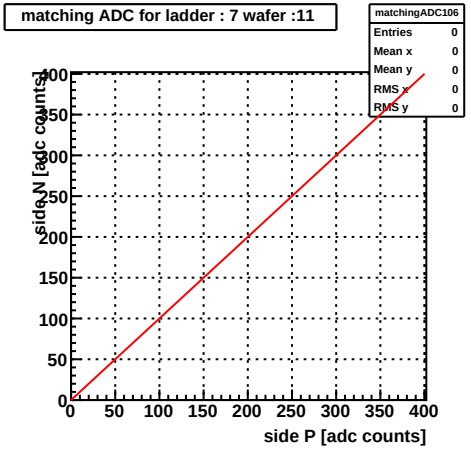

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 56
Mean x 72.45
Mean y 80.35
RMS x 61.21
RMS y 70.85
side N [adc counts]
side P [adc counts]

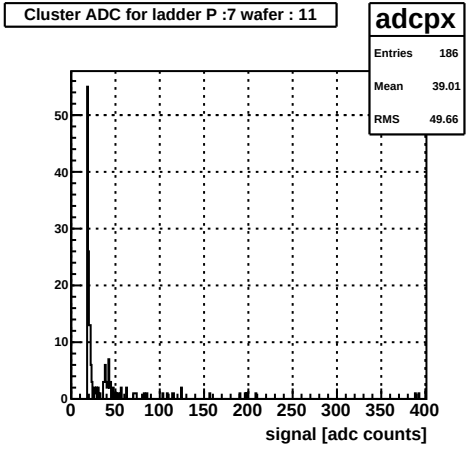

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 190
Mean 41.4
RMS 42.27
signal [adc counts]

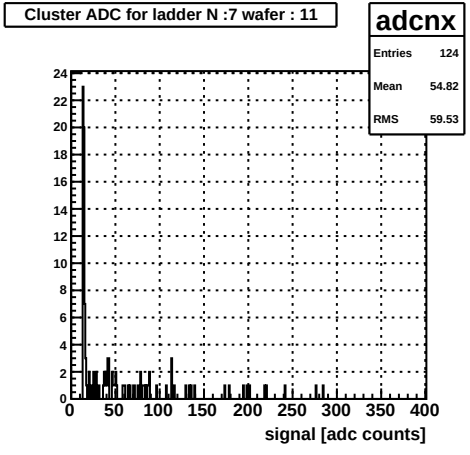

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1050
Mean 42.39
RMS 51.11
signal [adc counts]

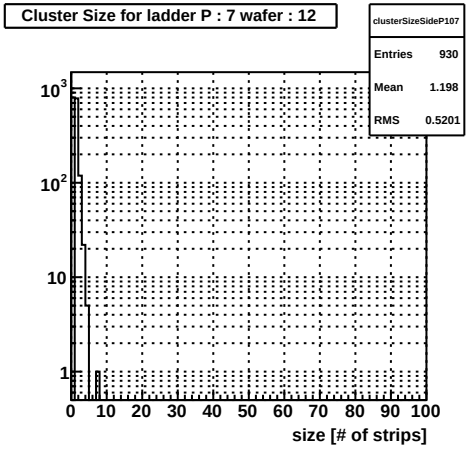

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 186
Mean 1.269
RMS 0.5891
size [# of strips]

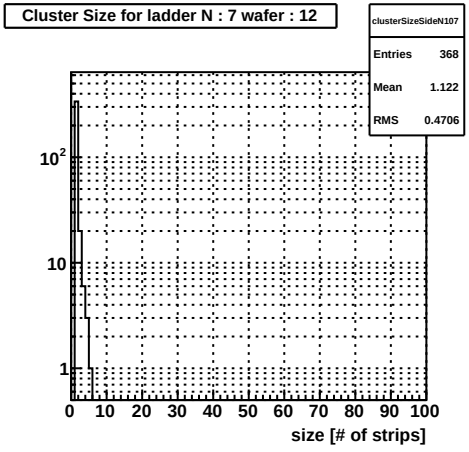

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 124
Mean 1.395
RMS 0.8407
size [# of strips]

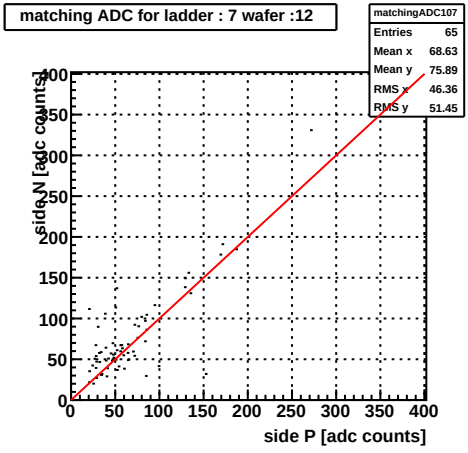

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

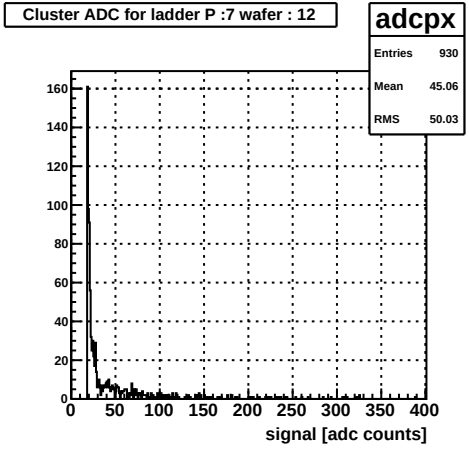

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 186
Mean 39.01
RMS 49.66
signal [adc counts]

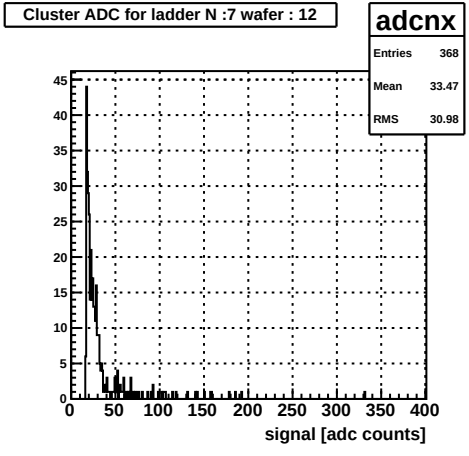

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 124
Mean 54.82
RMS 59.53
signal [adc counts]

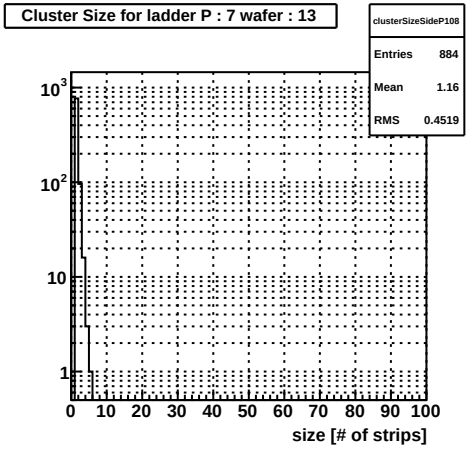

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 930
Mean 1.198
RMS 0.5201
size [# of strips]

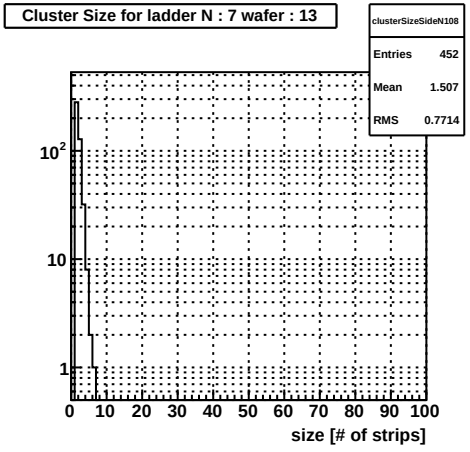

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 368
Mean 1.122
RMS 0.4706
size [# of strips]

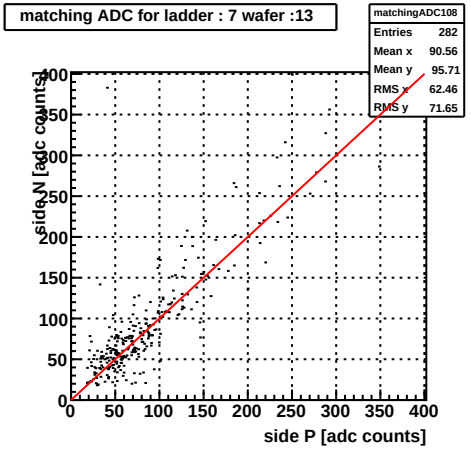

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 65
Mean x 68.63
Mean y 75.89
RMS x 46.36
RMS y 51.45
side N [adc counts]
side P [adc counts]

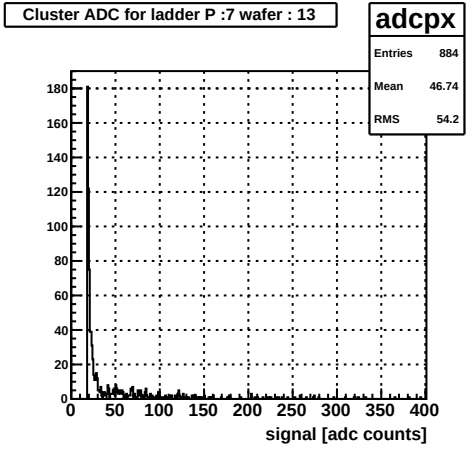

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 930
Mean 45.06
RMS 50.03
signal [adc counts]

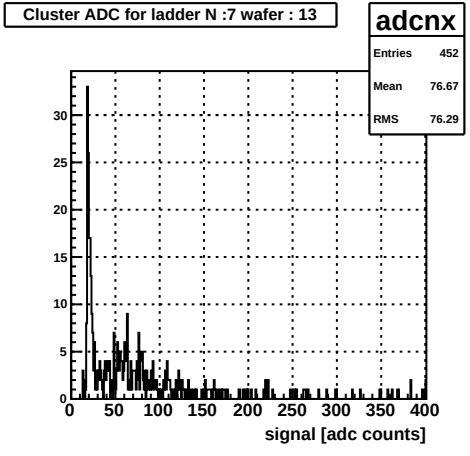

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 368
Mean 33.47
RMS 30.98
signal [adc counts]

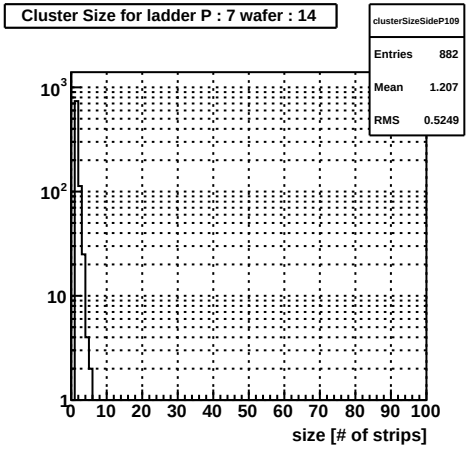

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 884
Mean 1.16
RMS 0.4519
size [# of strips]

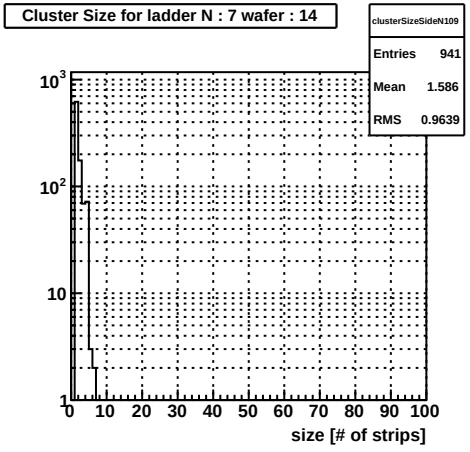

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 452
Mean 1.507
RMS 0.7714
size [# of strips]

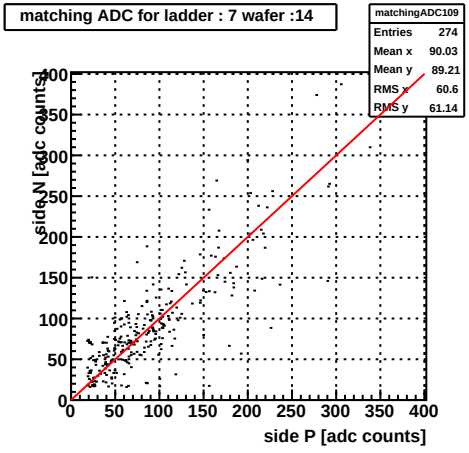

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 282
Mean x 90.56
Mean y 95.71
RMS x 62.46
RMS y 71.65
side N [adc counts]
side P [adc counts]

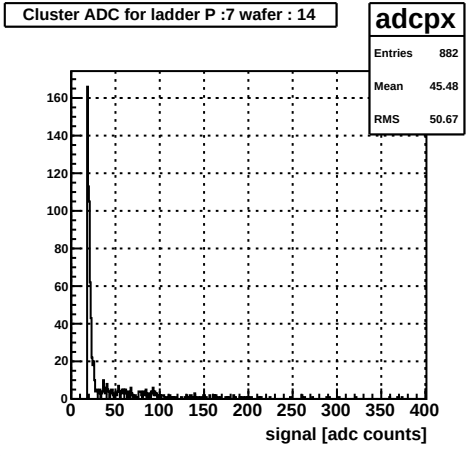

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 884
Mean 46.74
RMS 54.2
signal [adc counts]

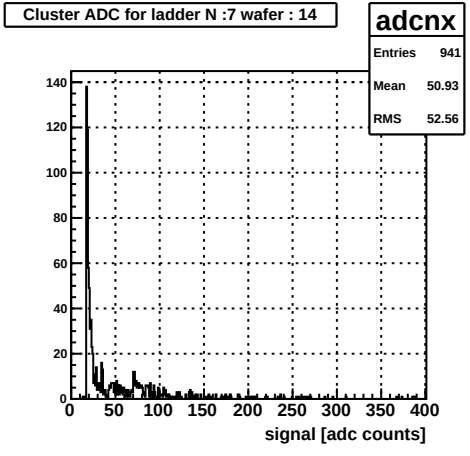

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 452
Mean 76.67
RMS 76.29
signal [adc counts]

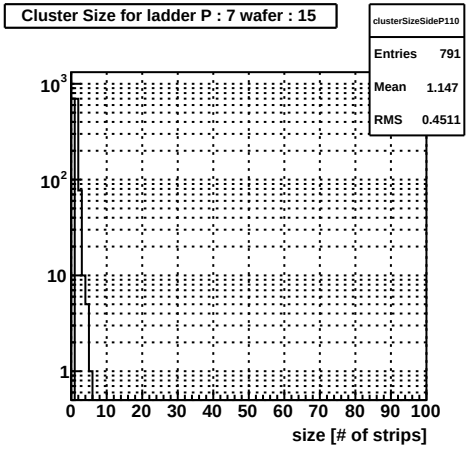

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 882
Mean 1.207
RMS 0.5249
size [# of strips]

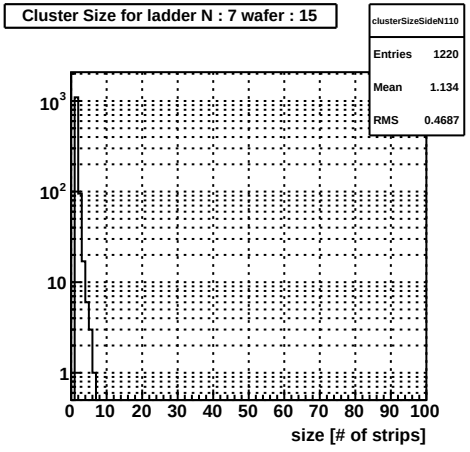

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 941
Mean 1.586
RMS 0.9639
size [# of strips]

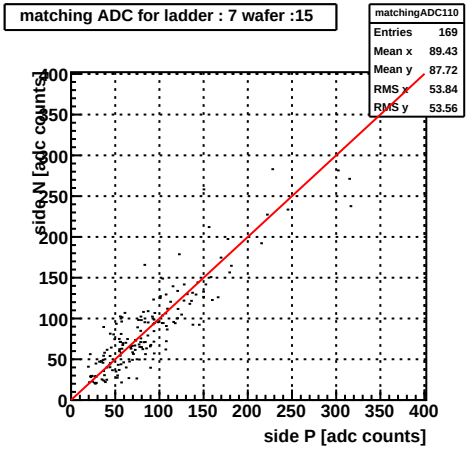

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 274
Mean x 90.03
Mean y 89.21
RMS x 60.6
RMS y 61.14
side N [adc counts]
side P [adc counts]

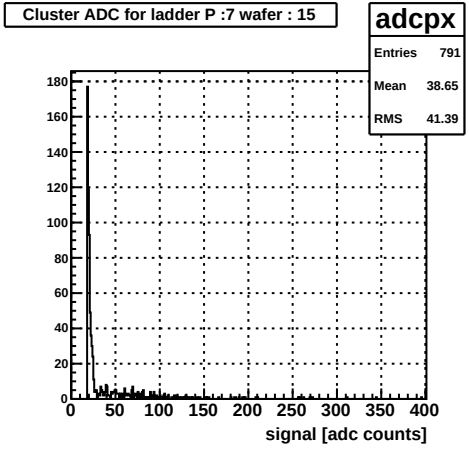

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 882
Mean 45.48
RMS 50.67
signal [adc counts]

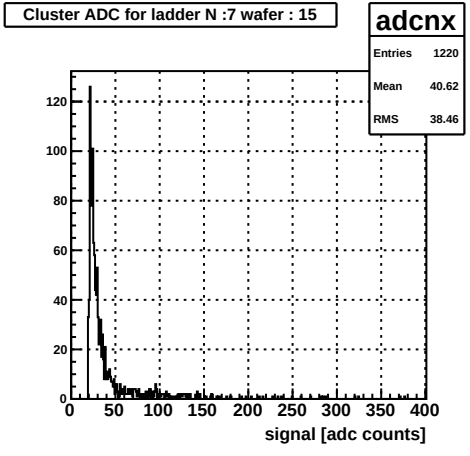

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 941
Mean 50.93
RMS 52.56
signal [adc counts]

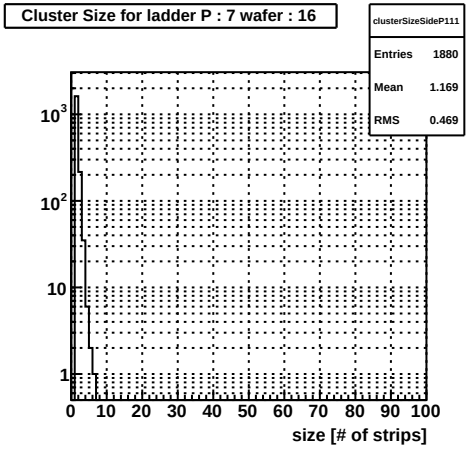

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 791
Mean 1.147
RMS 0.4511
size [# of strips]

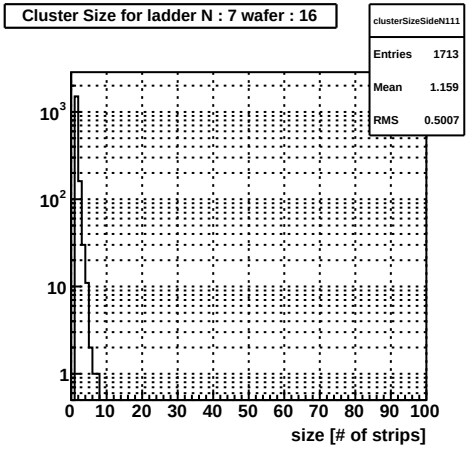

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1220
Mean 1.134
RMS 0.4687
size [# of strips]

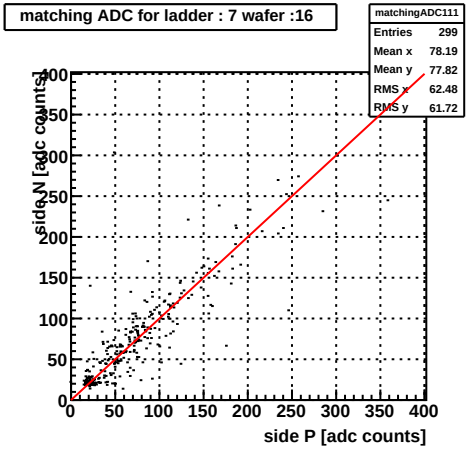

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 169
Mean x 89.43
Mean y 87.72
RMS x 53.84
RMS y 53.56
side N [adc counts]
side P [adc counts]

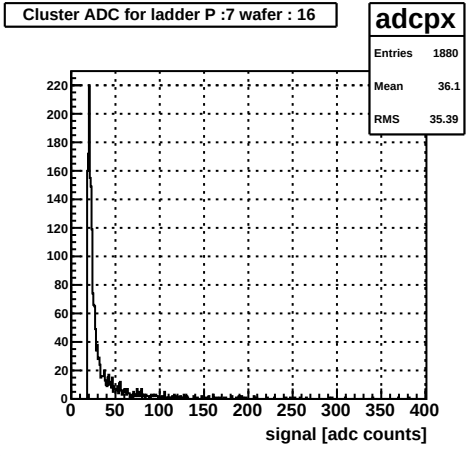

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 791
Mean 38.65
RMS 41.39
signal [adc counts]

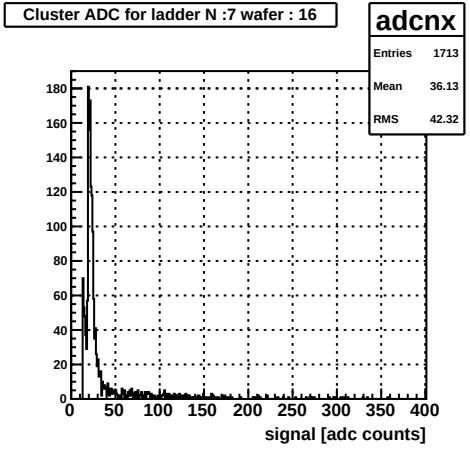

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1220
Mean 40.62
RMS 38.46
signal [adc counts]

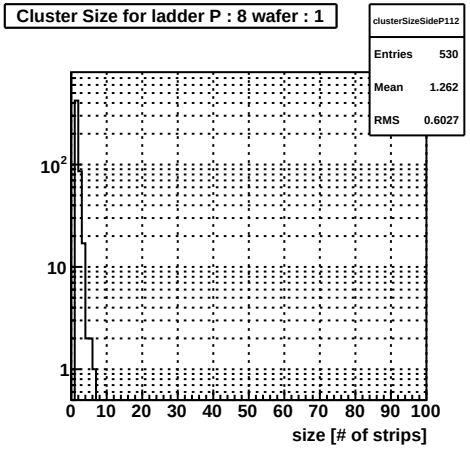

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1880
Mean 1.169
RMS 0.469
size [# of strips]

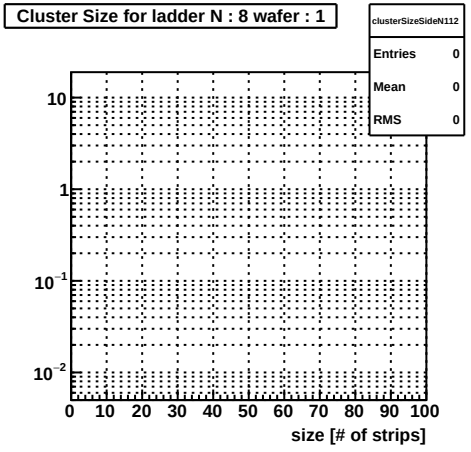

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1713
Mean 1.159
RMS 0.5007
size [# of strips]

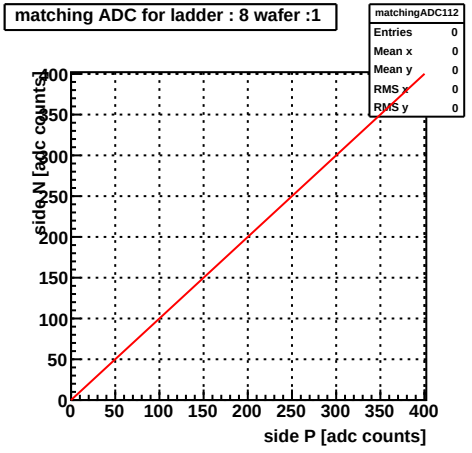

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 299
Mean x 78.19
Mean y 77.82
RMS x 62.48
RMS y 61.72
side N [adc counts]
side P [adc counts]

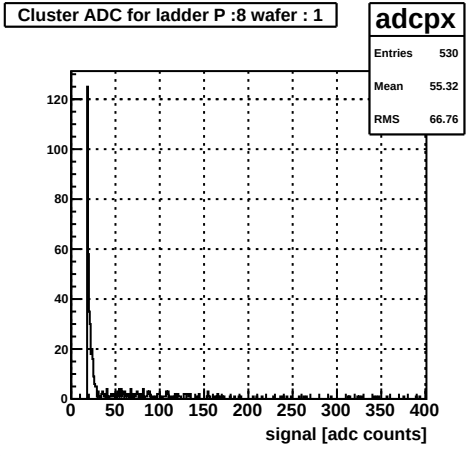

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1880
Mean 36.1
RMS 35.39
signal [adc counts]

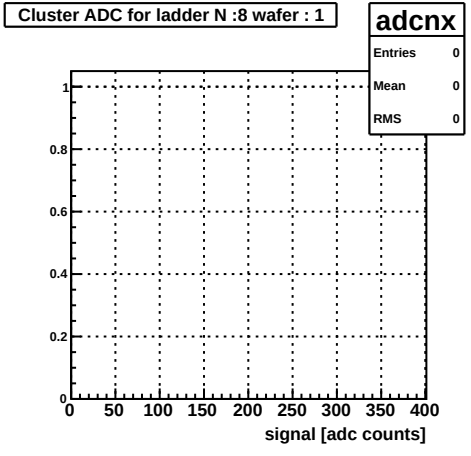

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1713
Mean 36.13
RMS 42.32
signal [adc counts]

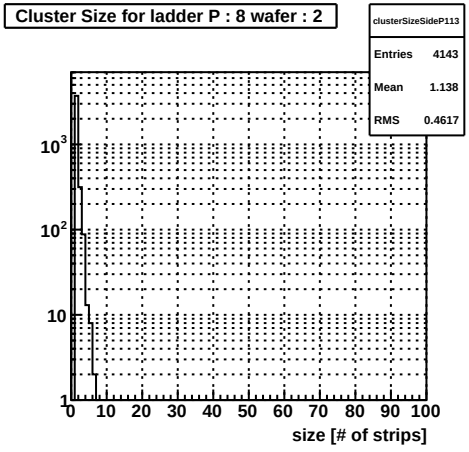

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 530
Mean 1.262
RMS 0.6027
size [# of strips]

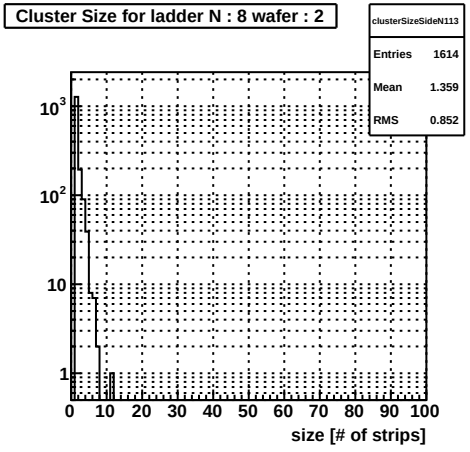

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

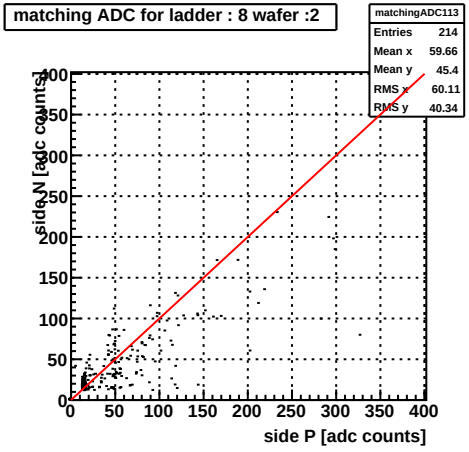

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

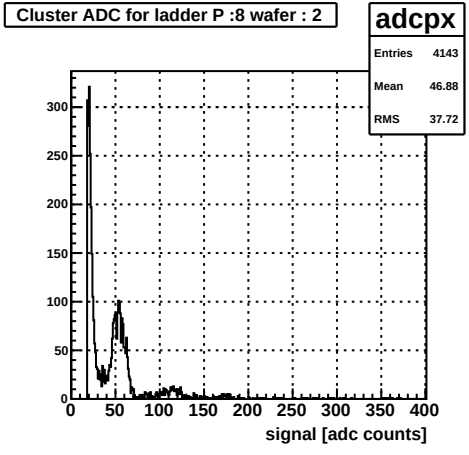

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 530
Mean 55.32
RMS 66.76
signal [adc counts]

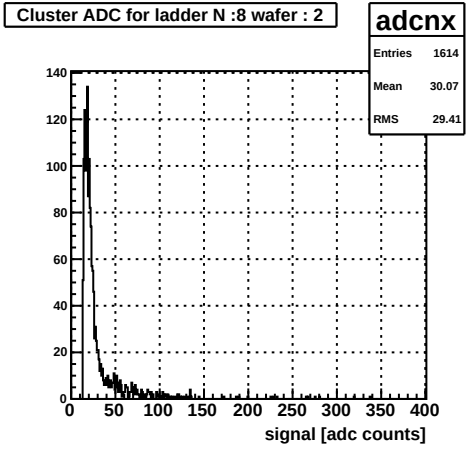

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

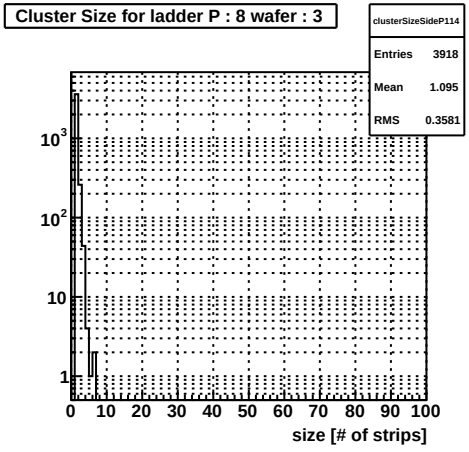

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 4143
Mean 1.138
RMS 0.4617
size [# of strips]

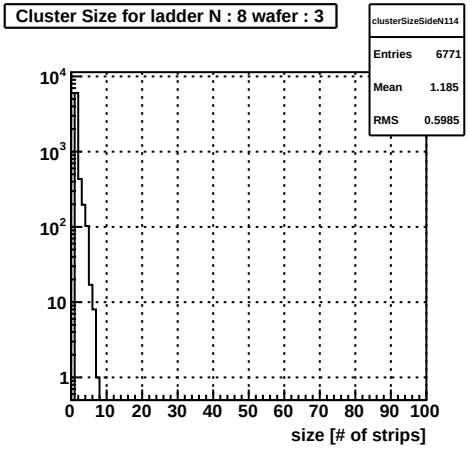

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1614
Mean 1.359
RMS 0.852
size [# of strips]

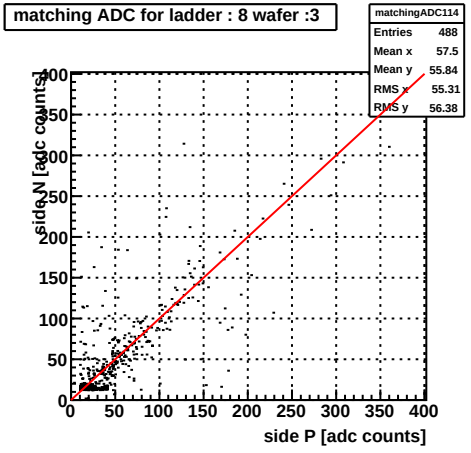

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 214
Mean x 59.66
Mean y 45.4
RMS x 60.11
RMS y 40.34
side N [adc counts]
side P [adc counts]

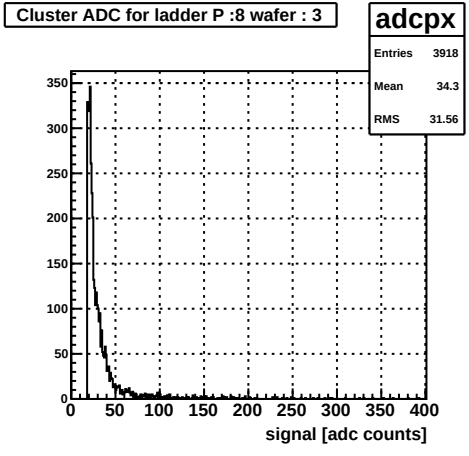

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 4143
Mean 46.88
RMS 37.72
signal [adc counts]

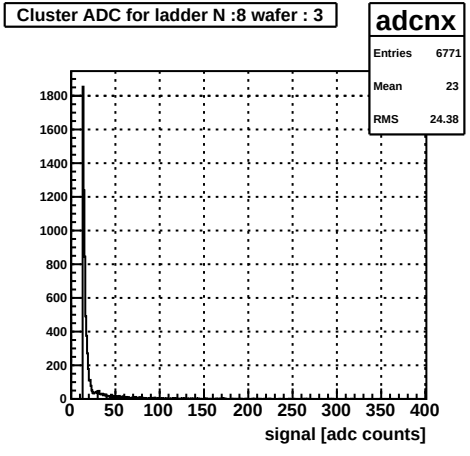

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1614
Mean 30.07
RMS 29.41
signal [adc counts]

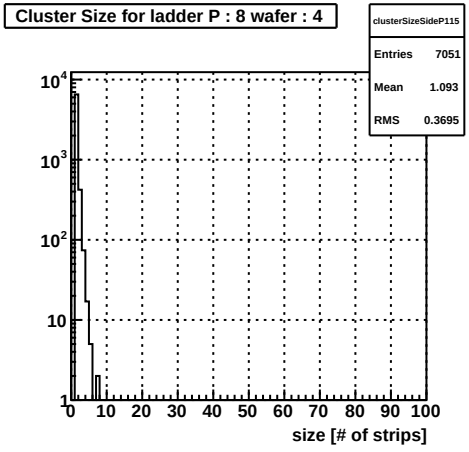

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 3918
Mean 1.095
RMS 0.3581
size [# of strips]

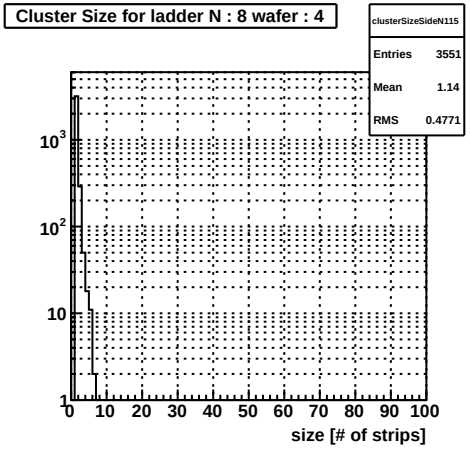

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6771
Mean 1.185
RMS 0.5985
size [# of strips]

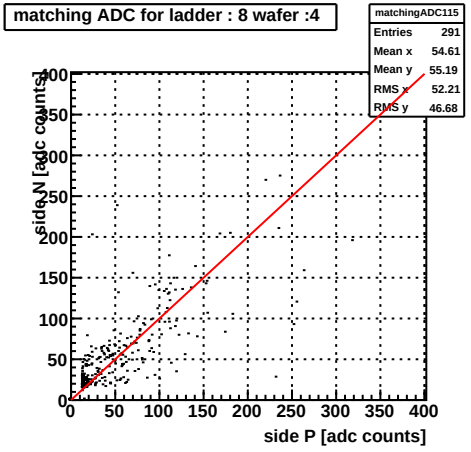

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 488
Mean x 57.5
Mean y 55.84
RMS x 55.31
RMS y 56.38
side N [adc counts]
side P [adc counts]

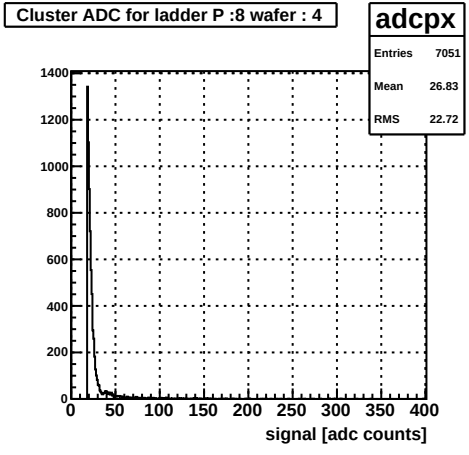

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 3918
Mean 34.3
RMS 31.56
signal [adc counts]

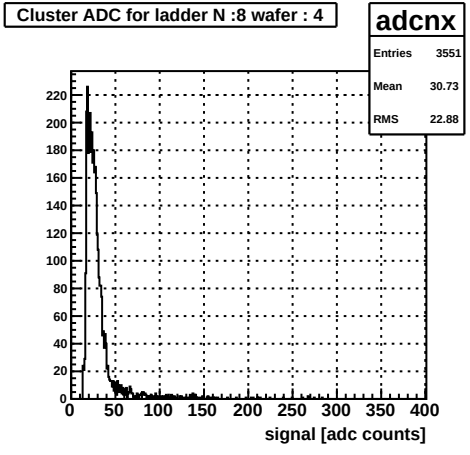

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6771
Mean 23
RMS 24.38
signal [adc counts]

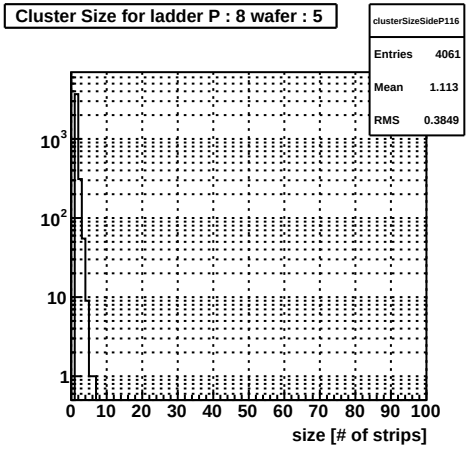

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 7051
Mean 1.093
RMS 0.3695
size [# of strips]

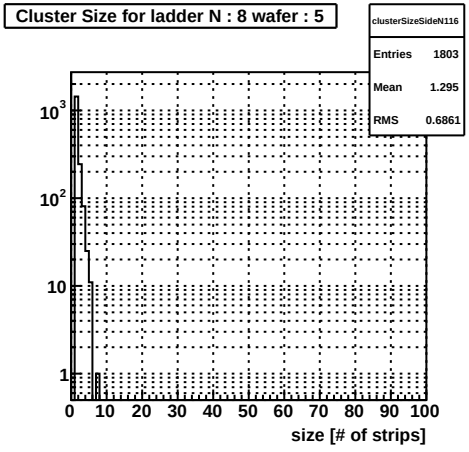

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3551
Mean 1.14
RMS 0.4771
size [# of strips]

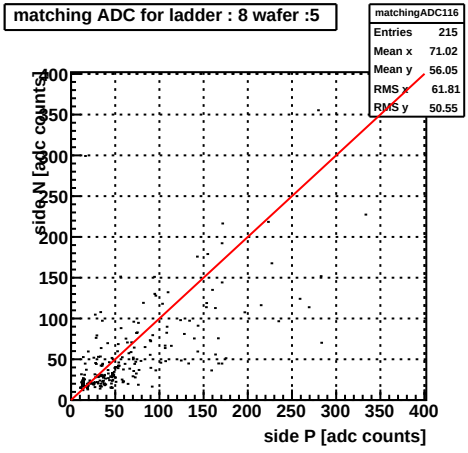

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 291
Mean x 54.61
Mean y 55.19
RMS x 52.21
RMS y 46.68
side N [adc counts]
side P [adc counts]

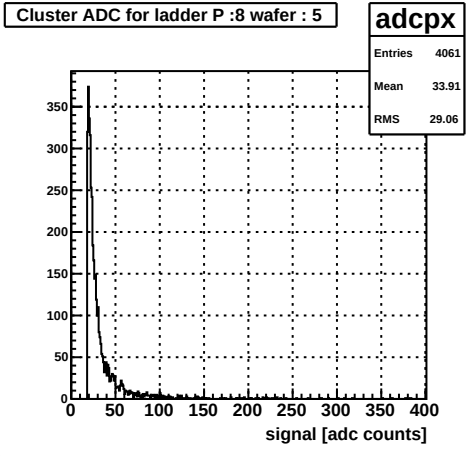

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 7051
Mean 26.83
RMS 22.72
signal [adc counts]

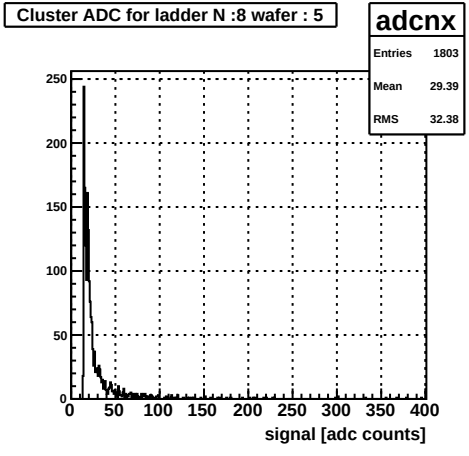

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3551
Mean 30.73
RMS 22.88
signal [adc counts]

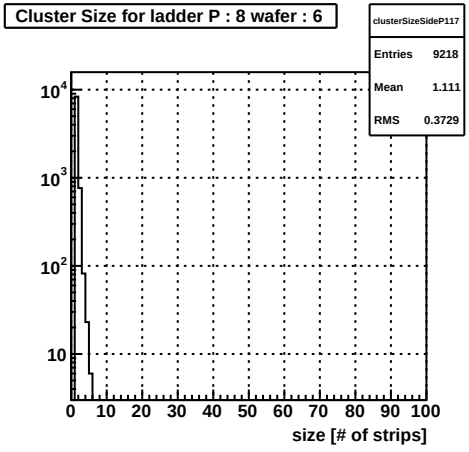

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4061
Mean 1.113
RMS 0.3849
size [# of strips]

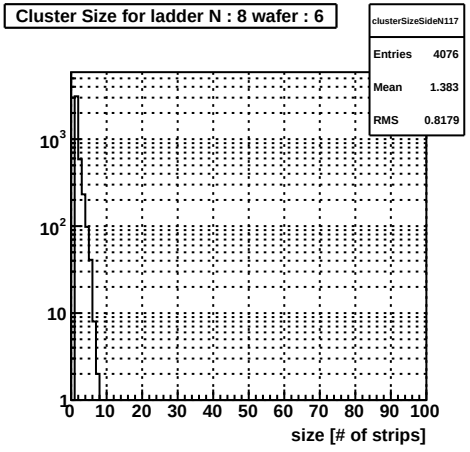

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1803
Mean 1.295
RMS 0.6861
size [# of strips]

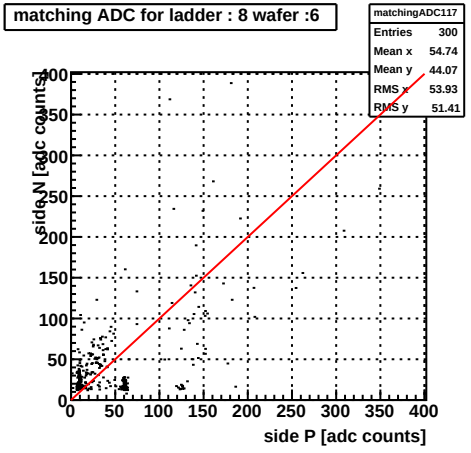

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 215
Mean x 71.02
Mean y 56.05
RMS x 61.81
RMS y 50.55
side N [adc counts]
side P [adc counts]

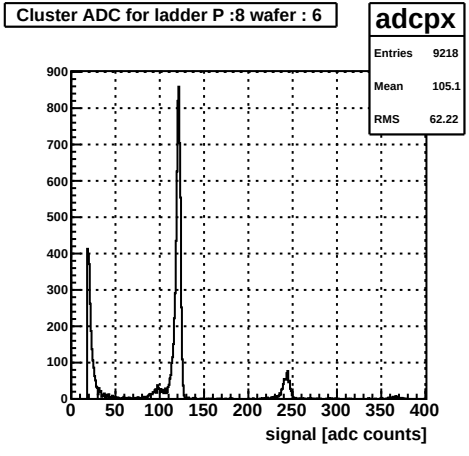

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4061
Mean 33.91
RMS 29.06
signal [adc counts]

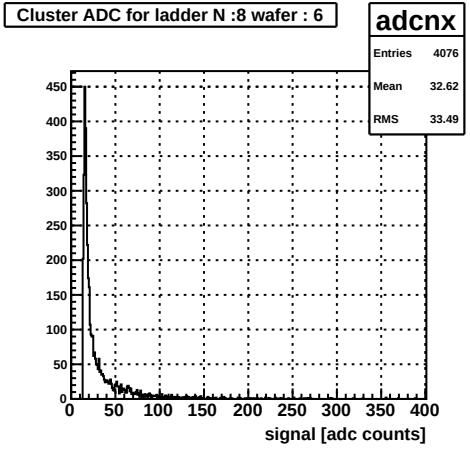

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1803
Mean 29.39
RMS 32.38
signal [adc counts]

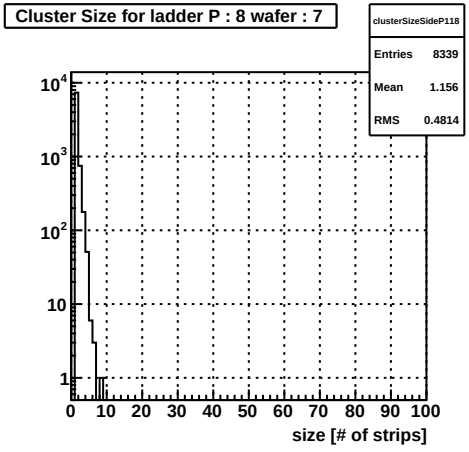

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 9218
Mean 1.111
RMS 0.3729
size [# of strips]

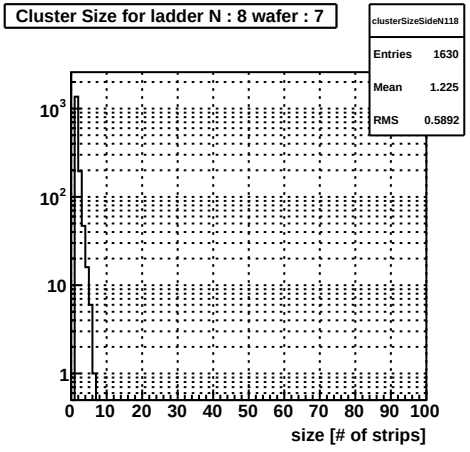

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4076
Mean 1.383
RMS 0.8179
size [# of strips]

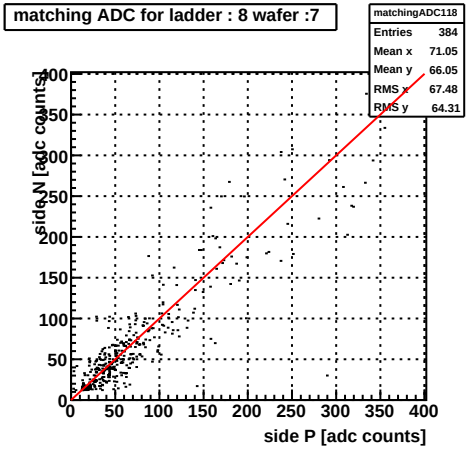

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 300
Mean x 54.74
Mean y 44.07
RMS x 53.93
RMS y 51.41
side N [adc counts]
side P [adc counts]

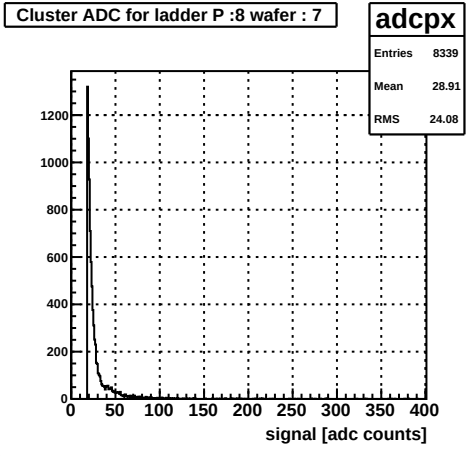

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 9218
Mean 105.1
RMS 62.22
signal [adc counts]

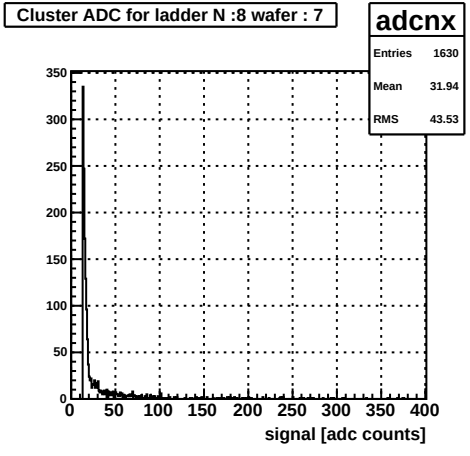

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4076
Mean 32.62
RMS 33.49
signal [adc counts]

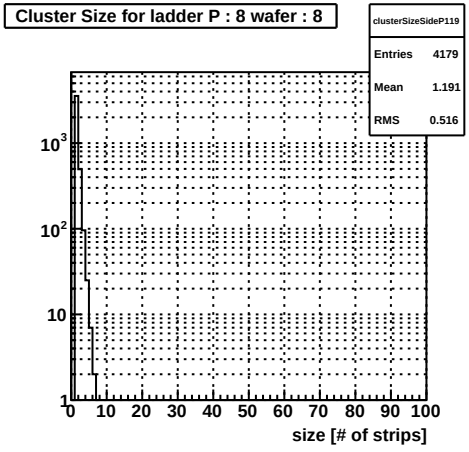

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 8339
Mean 1.156
RMS 0.4814
size [# of strips]

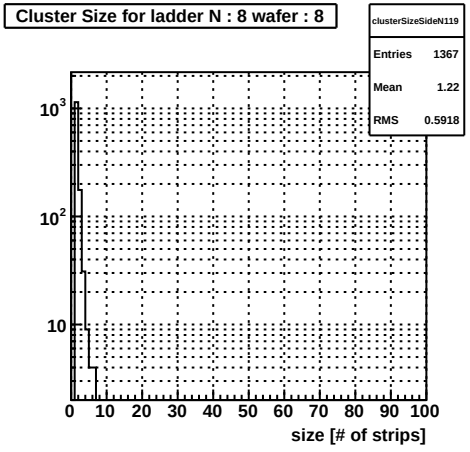

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1630
Mean 1.225
RMS 0.5892
size [# of strips]

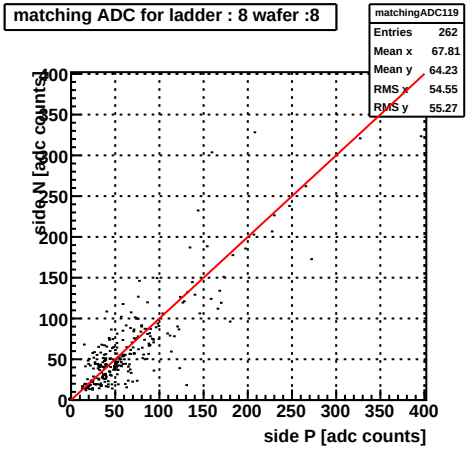

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 384
Mean x 71.05
Mean y 66.05
RMS x 67.48
RMS y 64.31
side N [adc counts]
side P [adc counts]

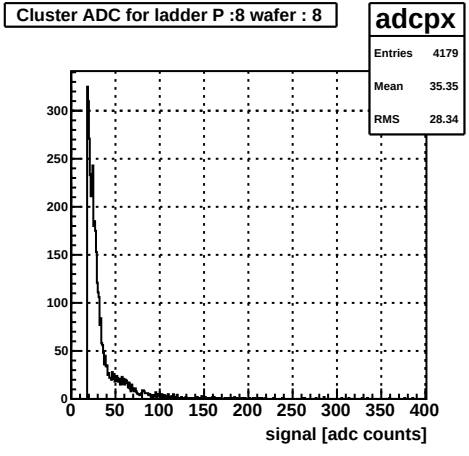

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 8339
Mean 28.91
RMS 24.08
signal [adc counts]

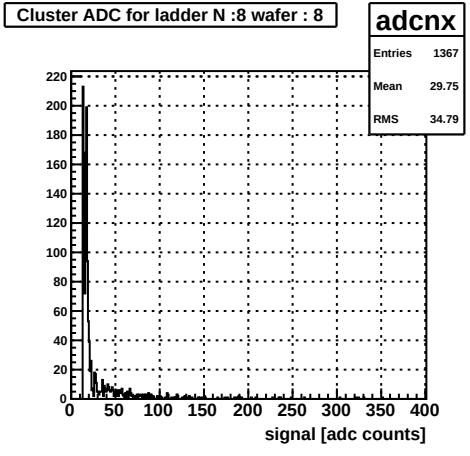

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1630
Mean 31.94
RMS 43.53
signal [adc counts]

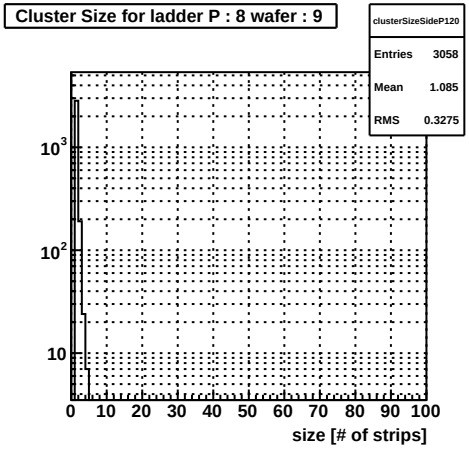

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4179
Mean 1.191
RMS 0.516
size [# of strips]

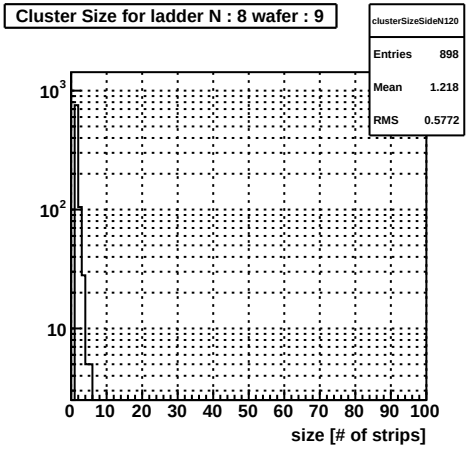

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1367
Mean 1.22
RMS 0.5918
size [# of strips]

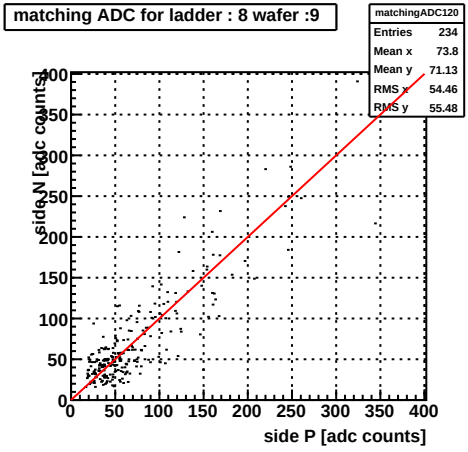

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 262
Mean x 67.81
Mean y 64.23
RMS x 54.55
RMS y 55.27
side N [adc counts]
side P [adc counts]

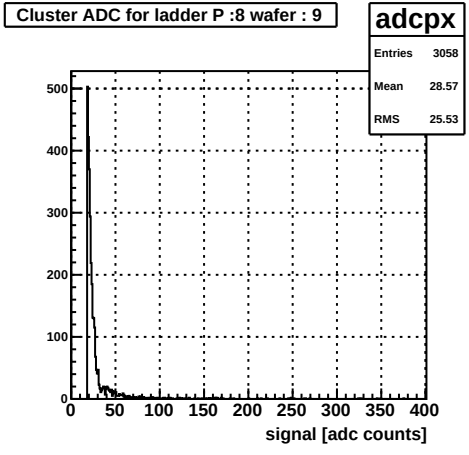

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4179
Mean 35.35
RMS 28.34
signal [adc counts]

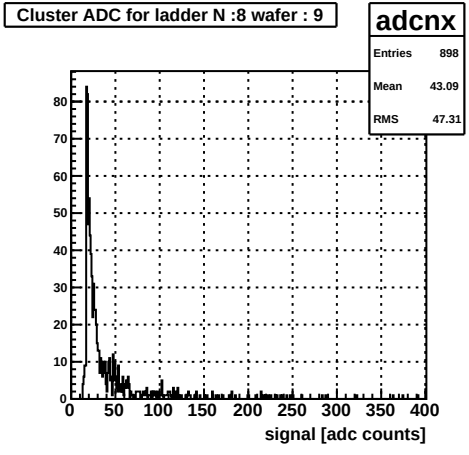

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1367
Mean 29.75
RMS 34.79
signal [adc counts]

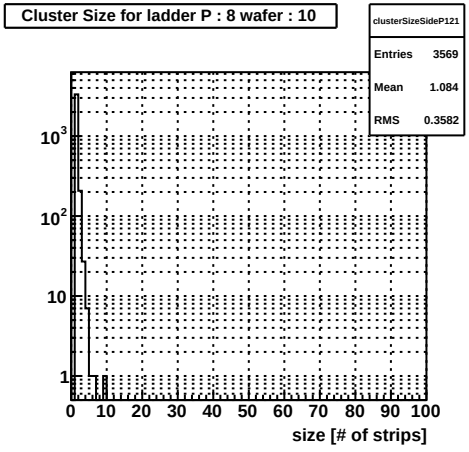

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3058
Mean 1.085
RMS 0.3275
size [# of strips]

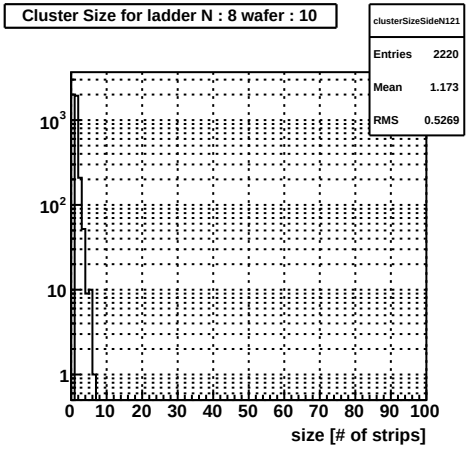

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 898
Mean 1.218
RMS 0.5772
size [# of strips]

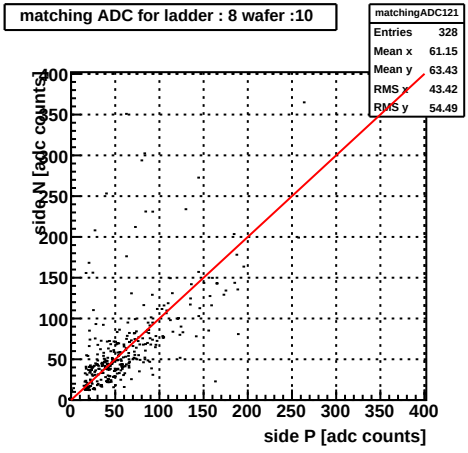

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 234
Mean x 73.8
Mean y 71.13
RMS x 54.46
RMS y 55.48
side N [adc counts]
side P [adc counts]

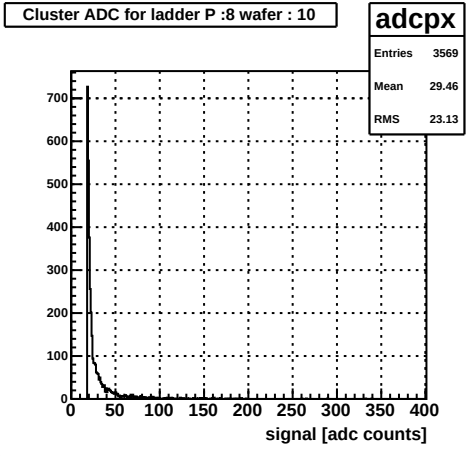

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3058
Mean 28.57
RMS 25.53
signal [adc counts]

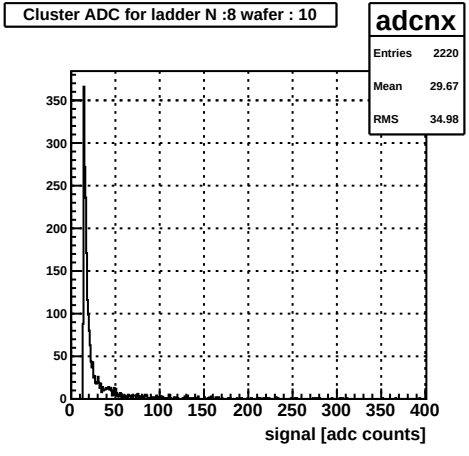

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 898
Mean 43.09
RMS 47.31
signal [adc counts]

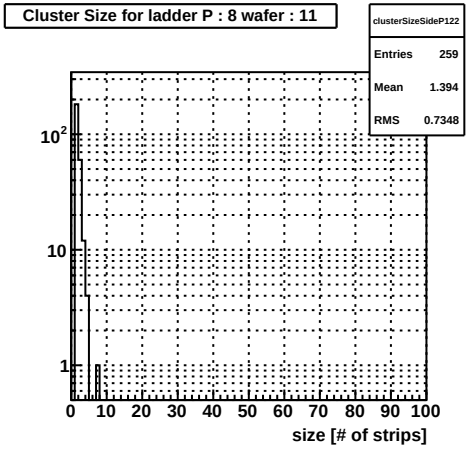

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3569
Mean 1.084
RMS 0.3582
size [# of strips]

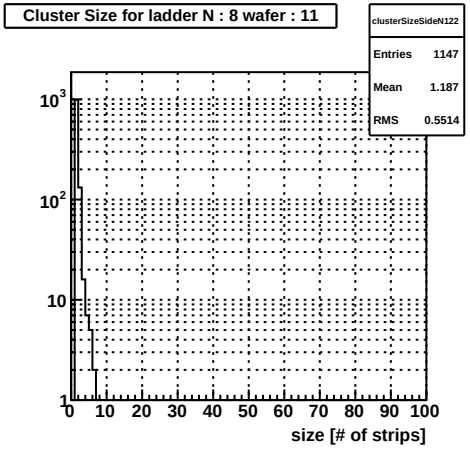

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2220
Mean 1.173
RMS 0.5269
size [# of strips]

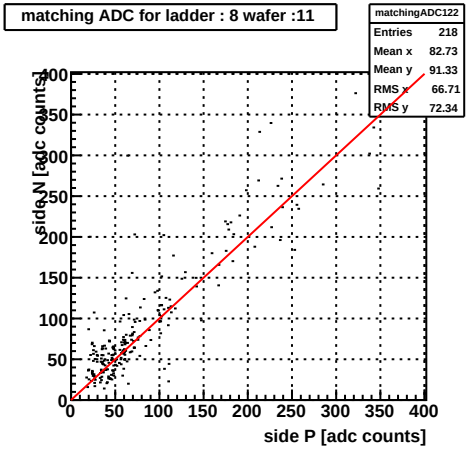

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 328
Mean x 61.15
Mean y 63.43
RMS x 43.42
RMS y 54.49
side N [adc counts]
side P [adc counts]

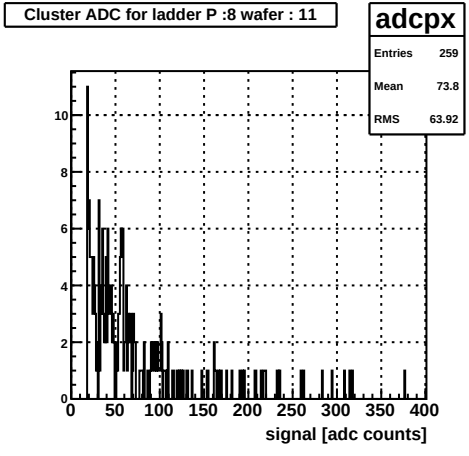

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3569
Mean 29.46
RMS 23.13
signal [adc counts]

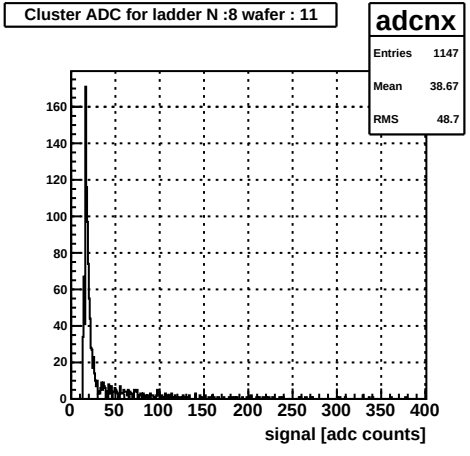

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2220
Mean 29.67
RMS 34.98
signal [adc counts]

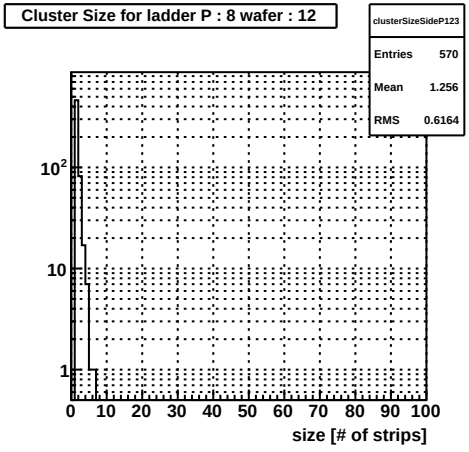

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 259
Mean 1.394
RMS 0.7348
size [# of strips]

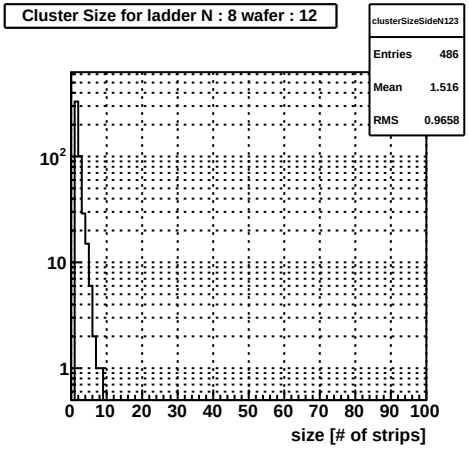

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1147
Mean 1.187
RMS 0.5514
size [# of strips]

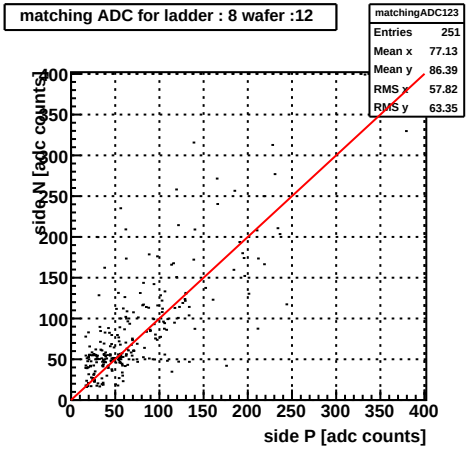

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 218
Mean x 82.73
Mean y 91.33
RMS x 66.71
RMS y 72.34
side N [adc counts]
side P [adc counts]

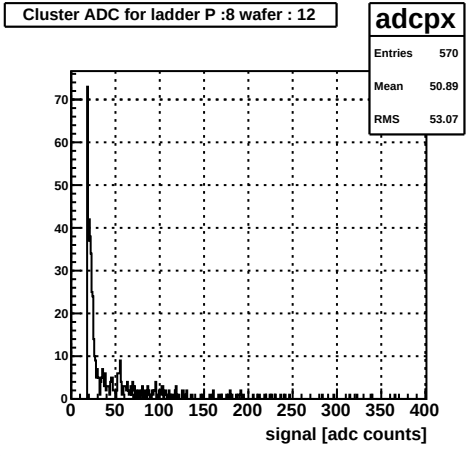

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 259
Mean 73.8
RMS 63.92
signal [adc counts]

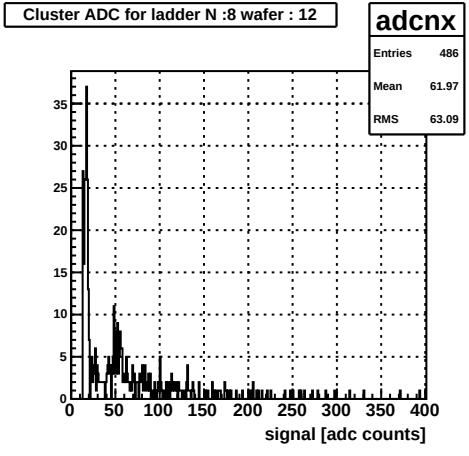

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1147
Mean 38.67
RMS 48.7
signal [adc counts]

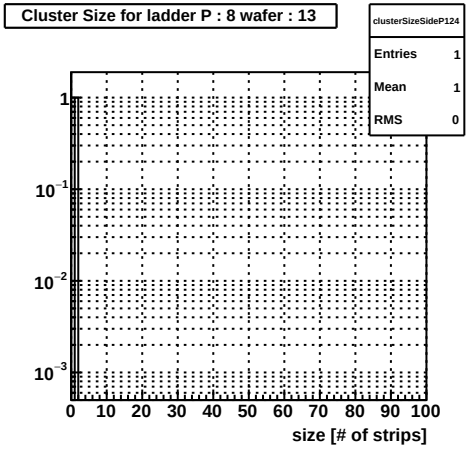

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 570
Mean 1.256
RMS 0.6164
size [# of strips]

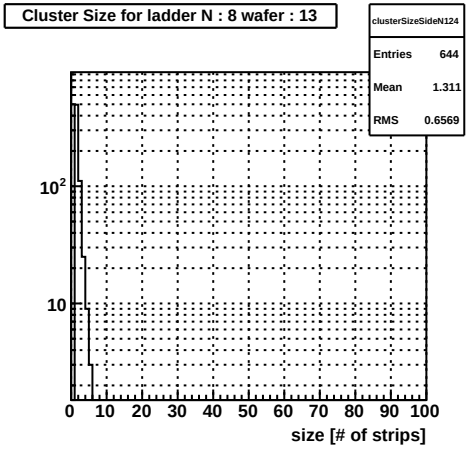

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 486
Mean 1.516
RMS 0.9658
size [# of strips]

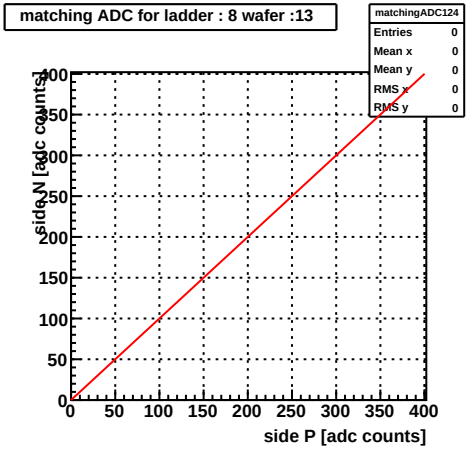

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 251
Mean x 77.13
Mean y 86.39
RMS x 57.82
RMS y 63.35
side N [adc counts]
side P [adc counts]

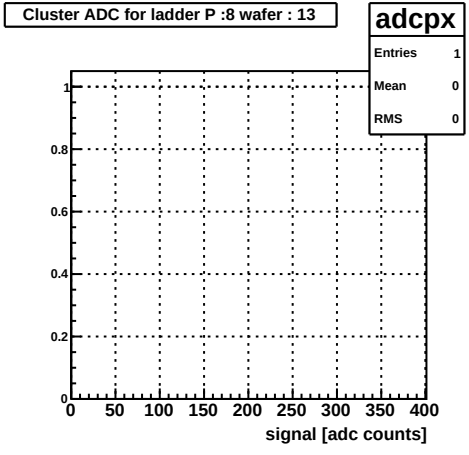

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 570
Mean 50.89
RMS 53.07
signal [adc counts]

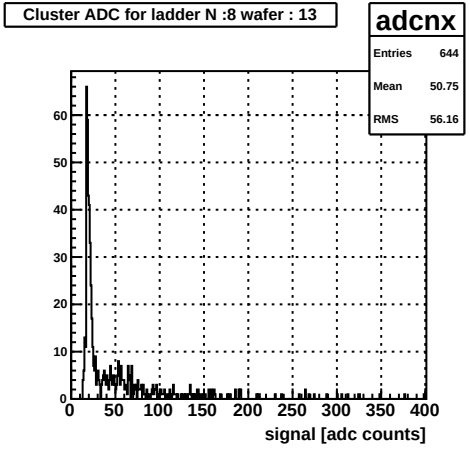

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 486
Mean 61.97
RMS 63.09
signal [adc counts]

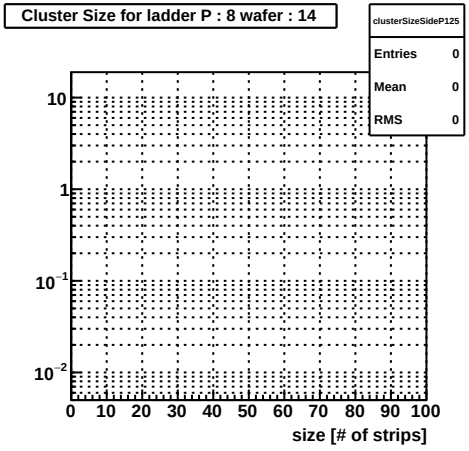

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

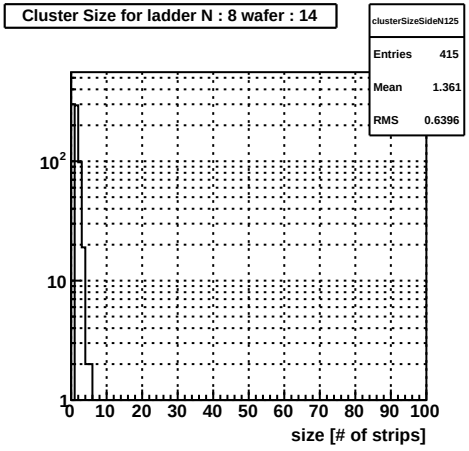

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 644
Mean 1.311
RMS 0.6569
size [# of strips]

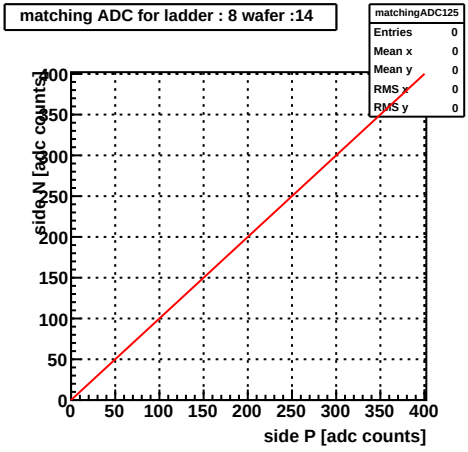

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

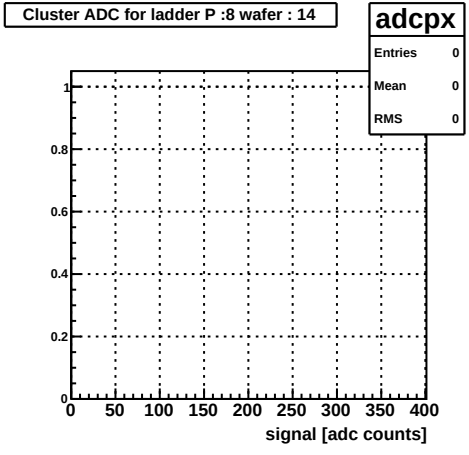

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

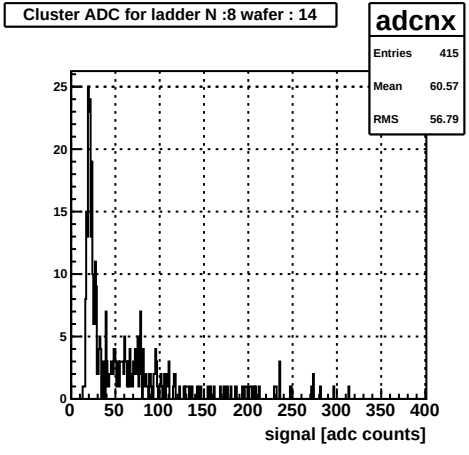

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 644
Mean 50.75
RMS 56.16
signal [adc counts]

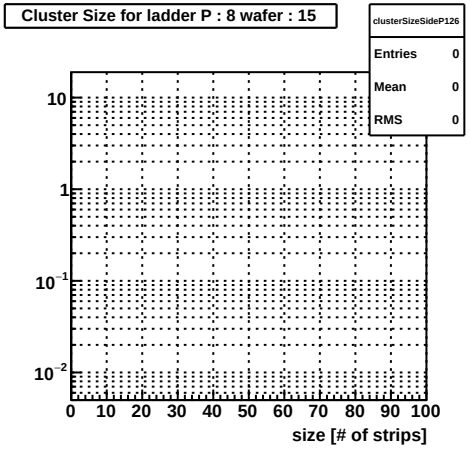

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

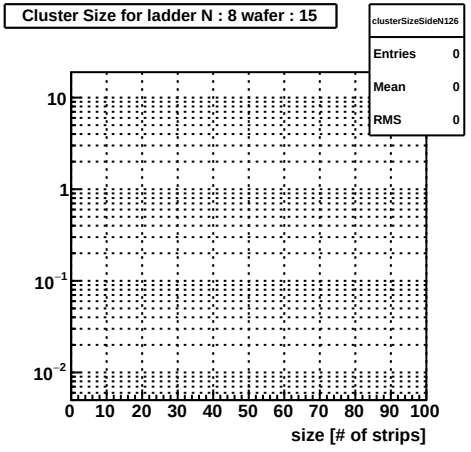

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 415
Mean 1.361
RMS 0.6396
size [# of strips]

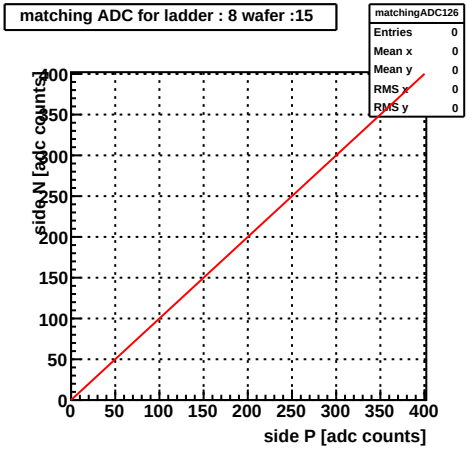

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

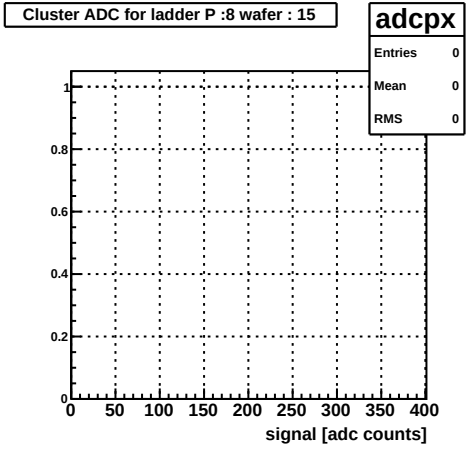

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

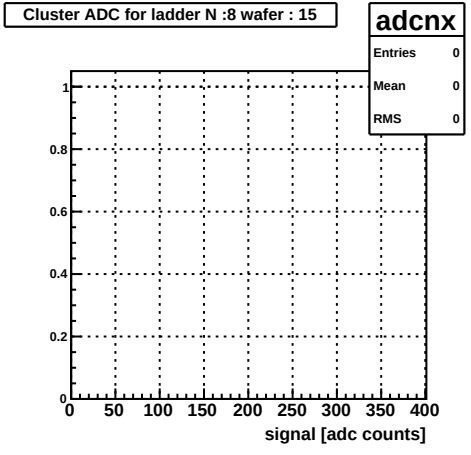

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 415
Mean 60.57
RMS 56.79
signal [adc counts]

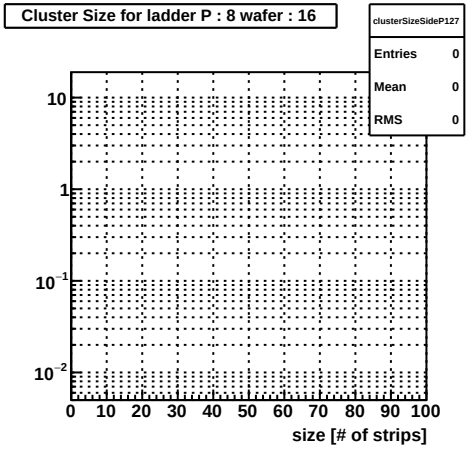

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

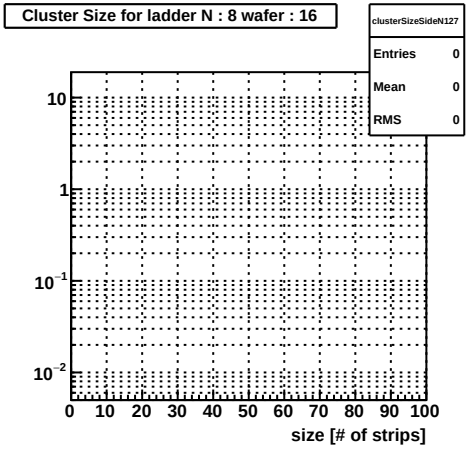

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

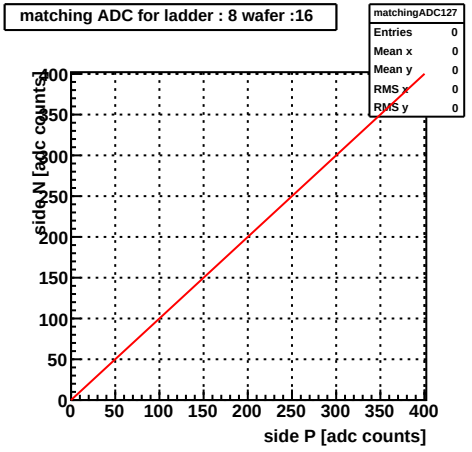

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

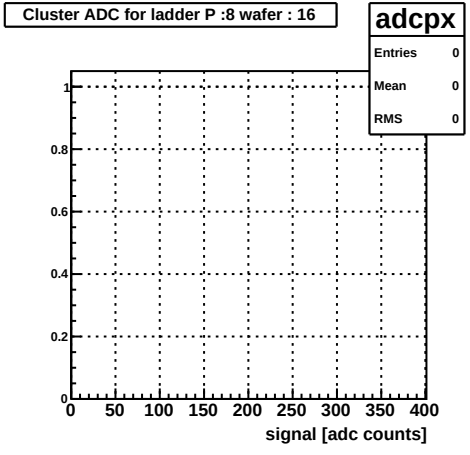

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

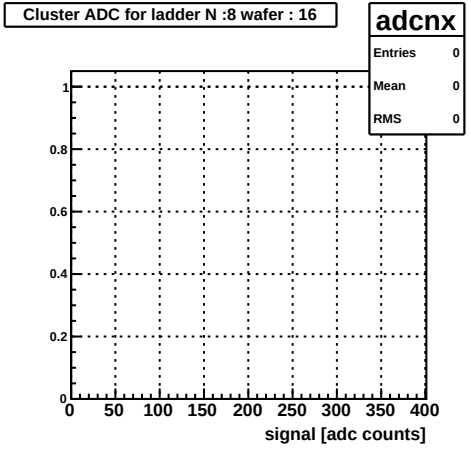

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

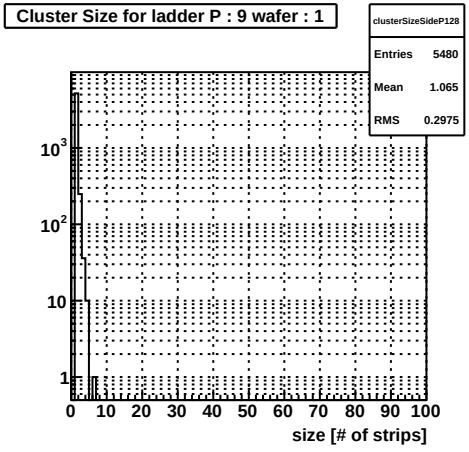

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

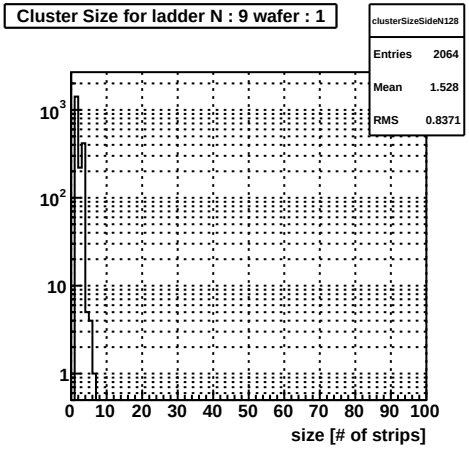

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

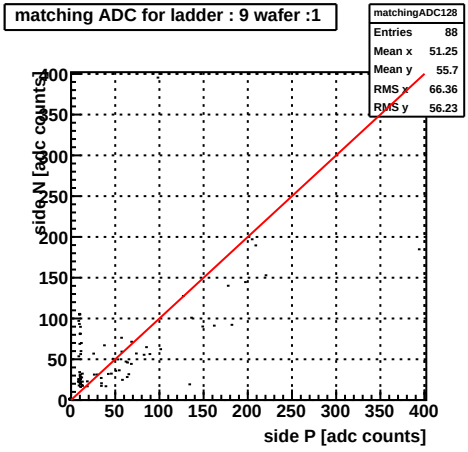

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

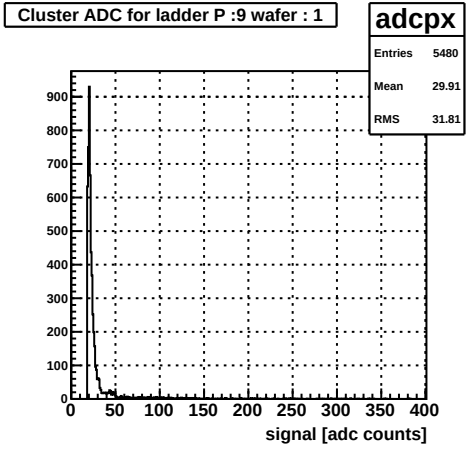

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

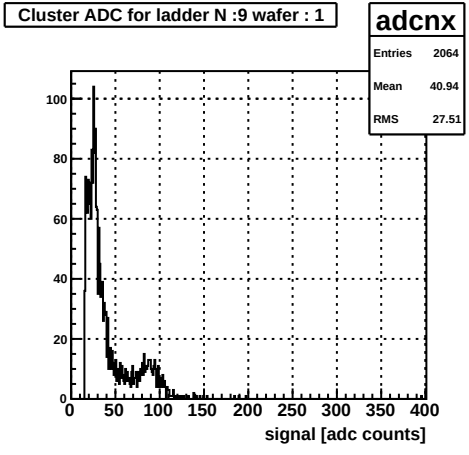

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

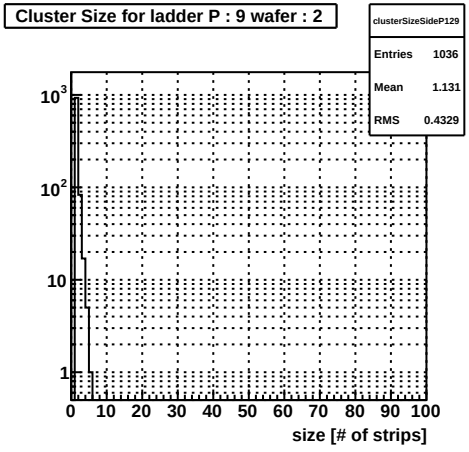

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 5480
Mean 1.065
RMS 0.2975
size [# of strips]

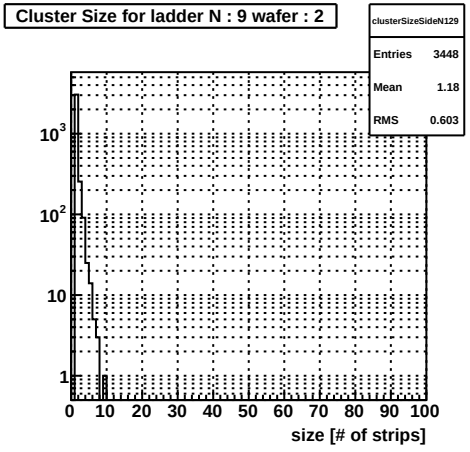

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2064
Mean 1.528
RMS 0.8371
size [# of strips]

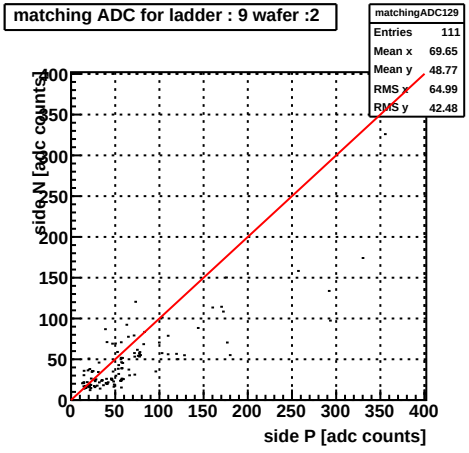

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 88
Mean x 51.25
Mean y 55.7
RMS x 66.36
RMS y 56.23
side N [adc counts]
side P [adc counts]

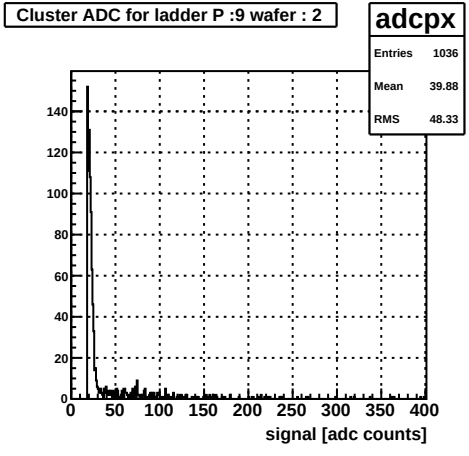

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 5480
Mean 29.91
RMS 31.81
signal [adc counts]

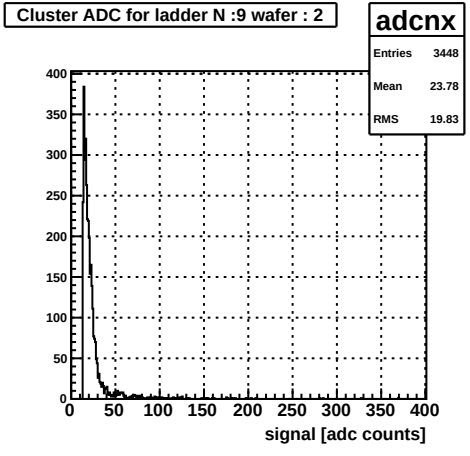

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2064
Mean 40.94
RMS 27.51
signal [adc counts]

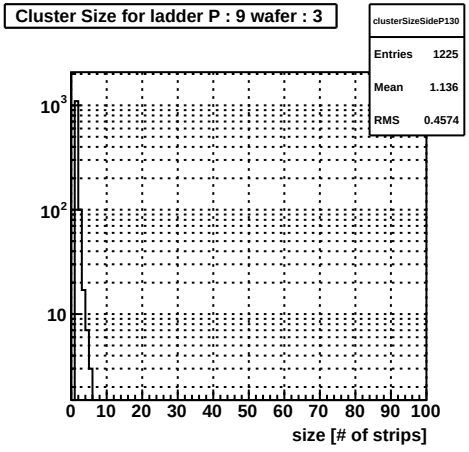

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1036
Mean 1.131
RMS 0.4329
size [# of strips]

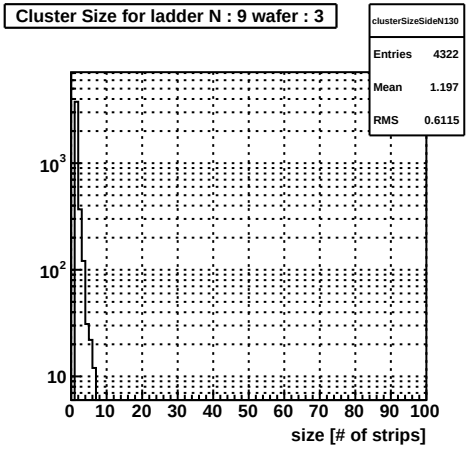

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3448
Mean 1.18
RMS 0.603
size [# of strips]

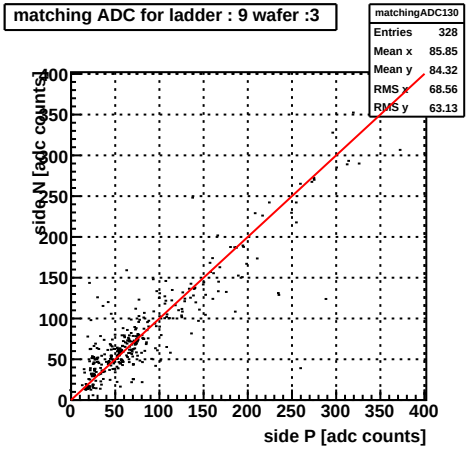

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 111
Mean x 69.65
Mean y 48.77
RMS x 64.99
RMS y 42.48
side N [adc counts]
side P [adc counts]

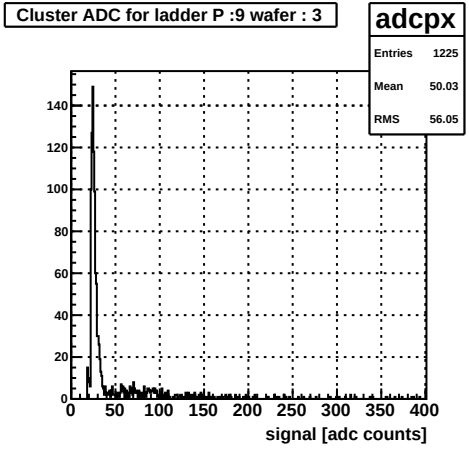

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1036
Mean 39.88
RMS 48.33
signal [adc counts]

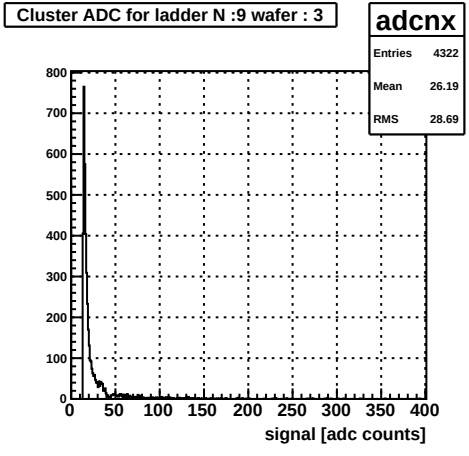

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3448
Mean 23.78
RMS 19.83
signal [adc counts]

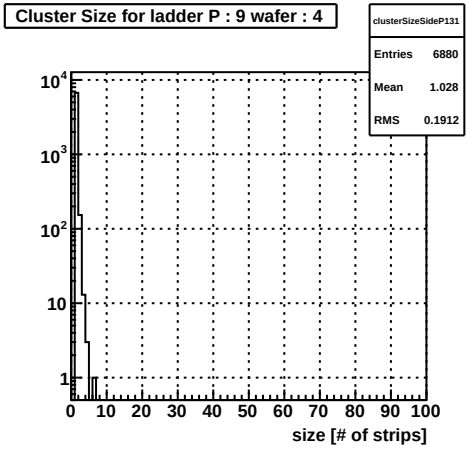

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1225
Mean 1.136
RMS 0.4574
size [# of strips]

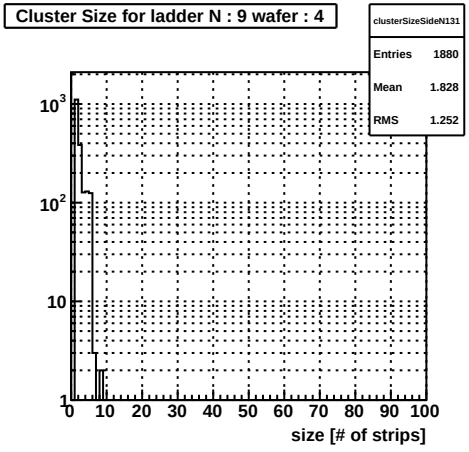

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4322
Mean 1.197
RMS 0.6115
size [# of strips]

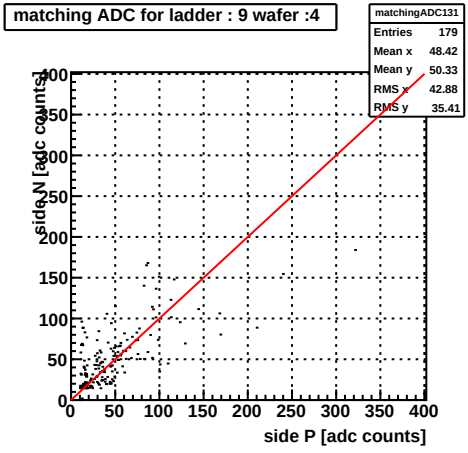

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 328
Mean x 85.85
Mean y 84.32
RMS x 68.56
RMS y 63.13
side N [adc counts]
side P [adc counts]

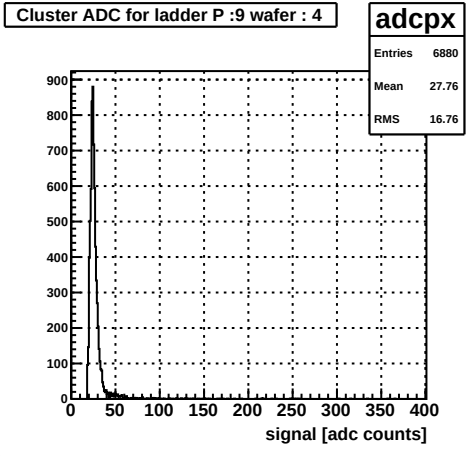

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1225
Mean 50.03
RMS 56.05
signal [adc counts]

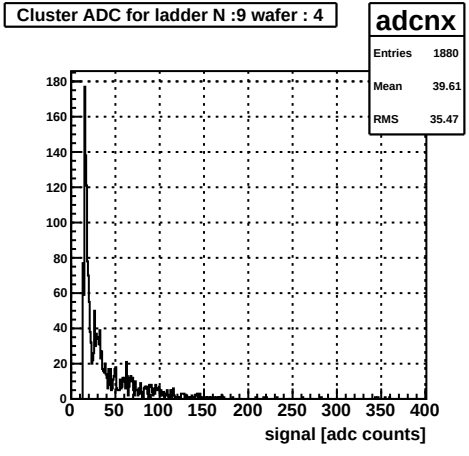

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4322
Mean 26.19
RMS 28.69
signal [adc counts]

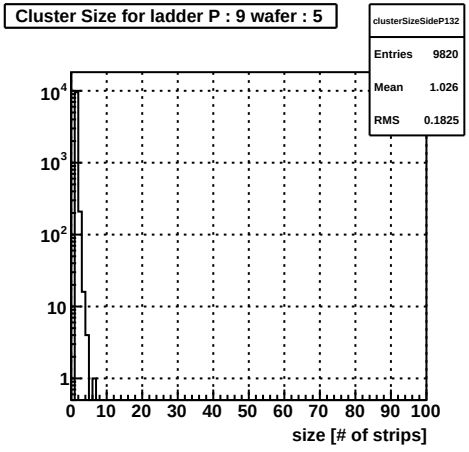

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 6880
Mean 1.028
RMS 0.1912
size [# of strips]

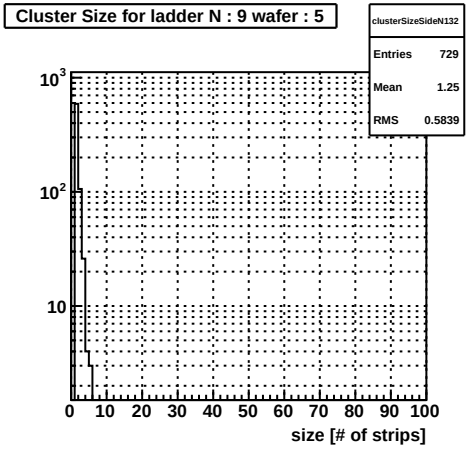

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1880
Mean 1.828
RMS 1.252
size [# of strips]

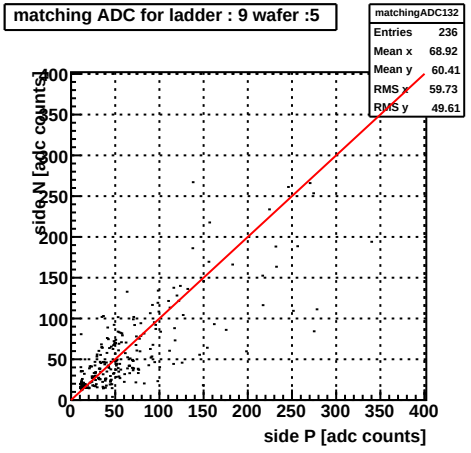

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 179
Mean x 48.42
Mean y 50.33
RMS x 42.88
RMS y 35.41
side N [adc counts]
side P [adc counts]

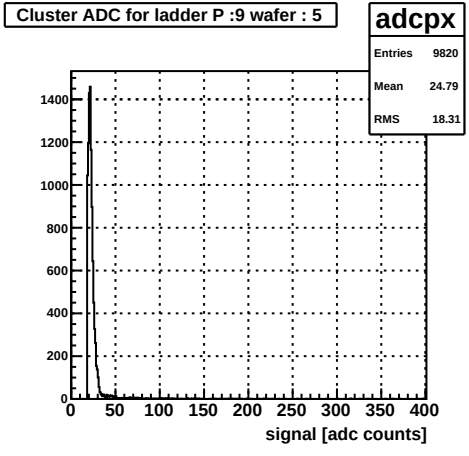

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 6880
Mean 27.76
RMS 16.76
signal [adc counts]

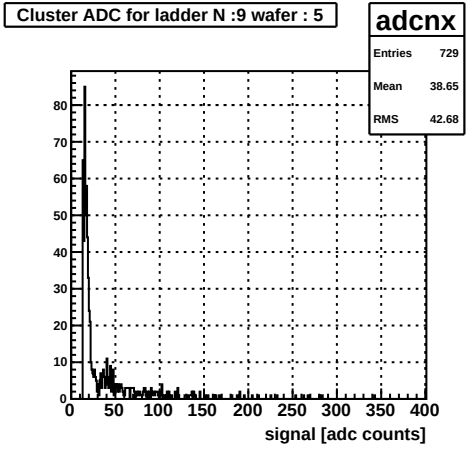

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1880
Mean 39.61
RMS 35.47
signal [adc counts]

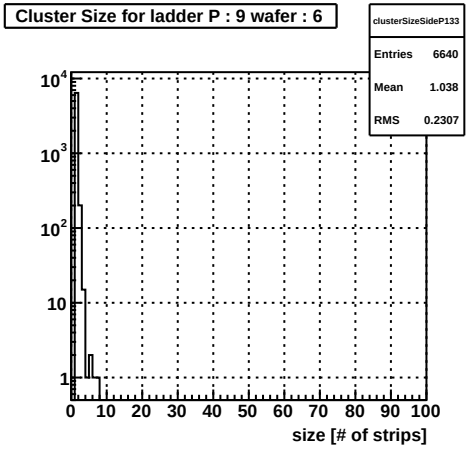

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9820
Mean 1.026
RMS 0.1825
size [# of strips]

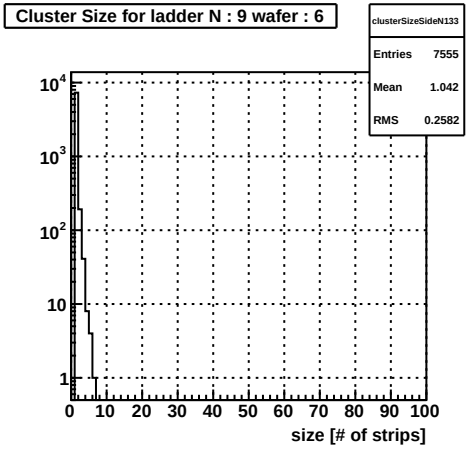

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 729
Mean 1.25
RMS 0.5839
size [# of strips]

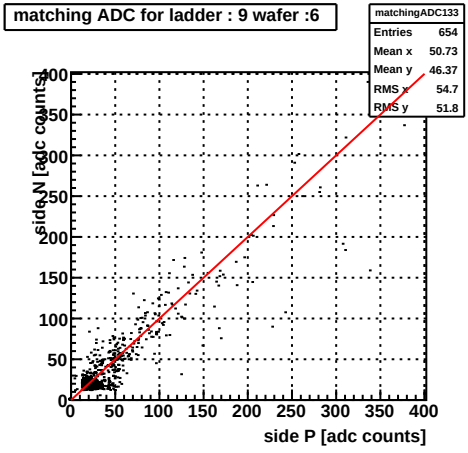

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 236
Mean x 68.92
Mean y 60.41
RMS x 59.73
RMS y 49.61
side N [adc counts]
side P [adc counts]

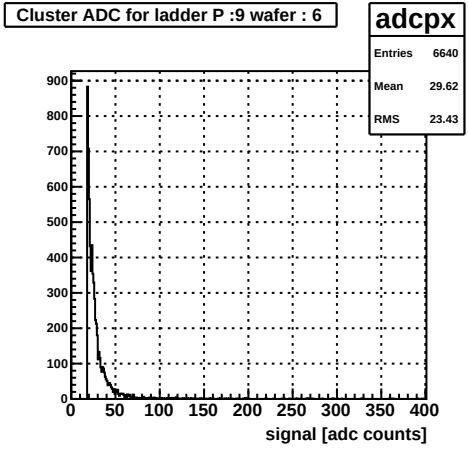

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9820
Mean 24.79
RMS 18.31
signal [adc counts]

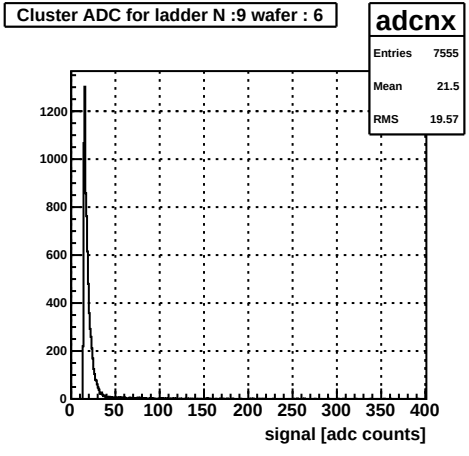

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 729
Mean 38.65
RMS 42.68
signal [adc counts]

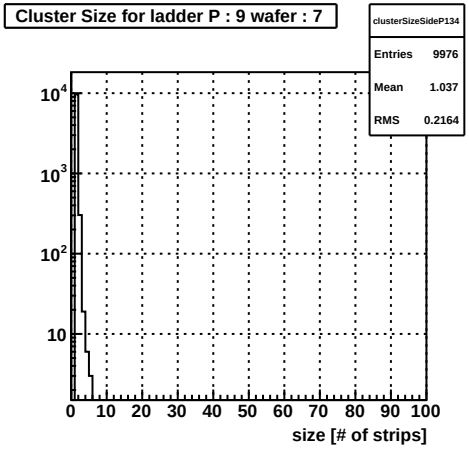

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 6640
Mean 1.038
RMS 0.2307
size [# of strips]

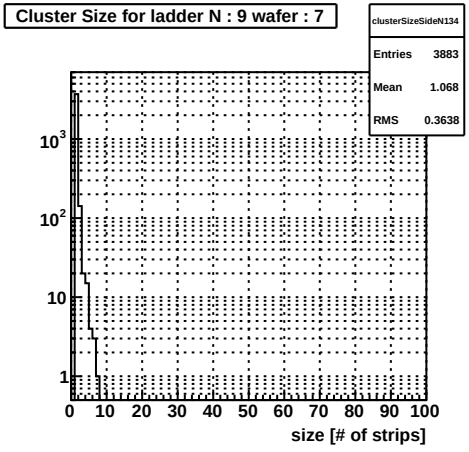

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 7555
Mean 1.042
RMS 0.2582
size [# of strips]

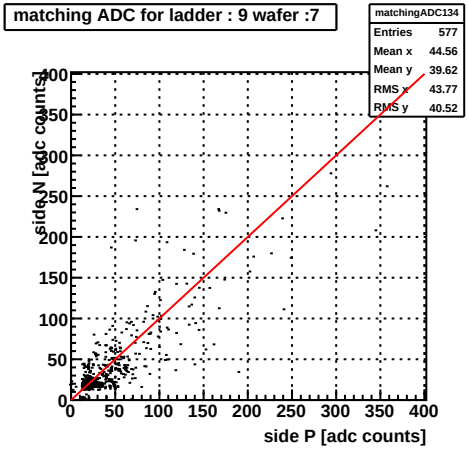

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 654
Mean x 50.73
Mean y 46.37
RMS x 54.7
RMS y 51.8
side N [adc counts]
side P [adc counts]

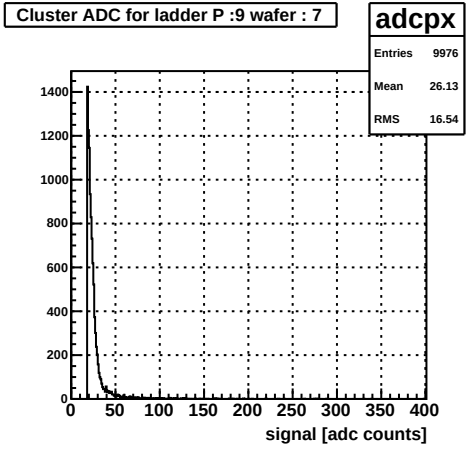

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 6640
Mean 29.62
RMS 23.43
signal [adc counts]

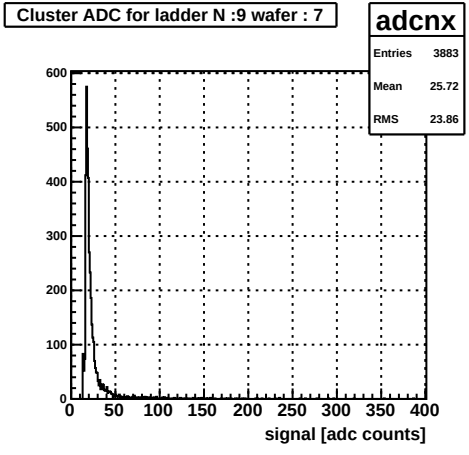

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 7555
Mean 21.5
RMS 19.57
signal [adc counts]

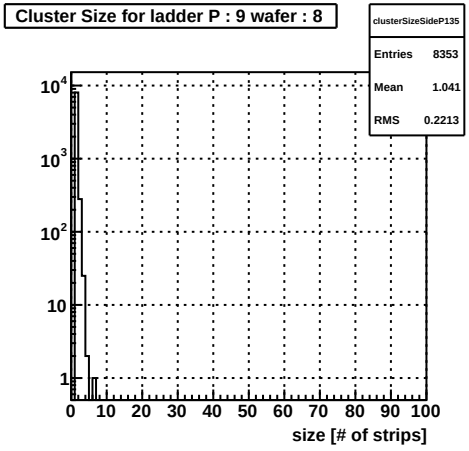

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 9976
Mean 1.037
RMS 0.2164
size [# of strips]

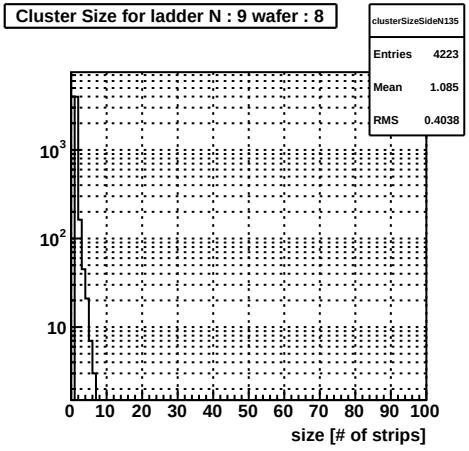

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 3883
Mean 1.068
RMS 0.3638
size [# of strips]

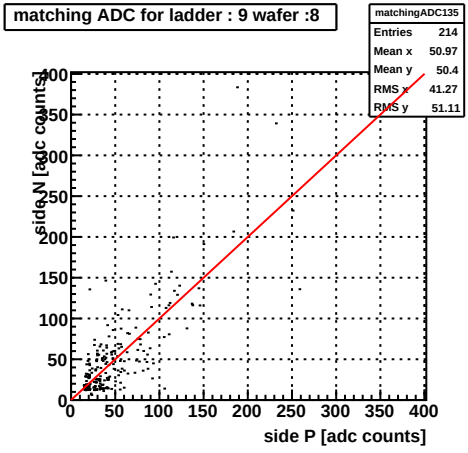

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 577
Mean x 44.56
Mean y 39.62
RMS x 43.77
RMS y 40.52
side N [adc counts]
side P [adc counts]

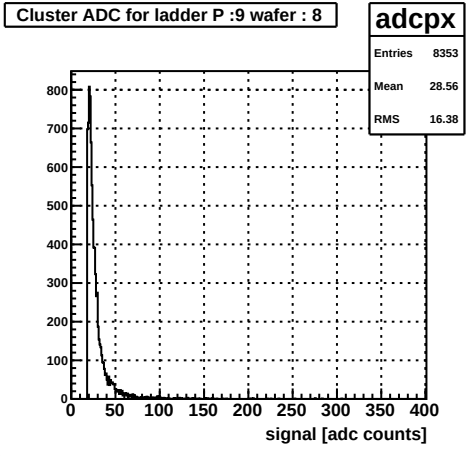

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 9976
Mean 26.13
RMS 16.54
signal [adc counts]

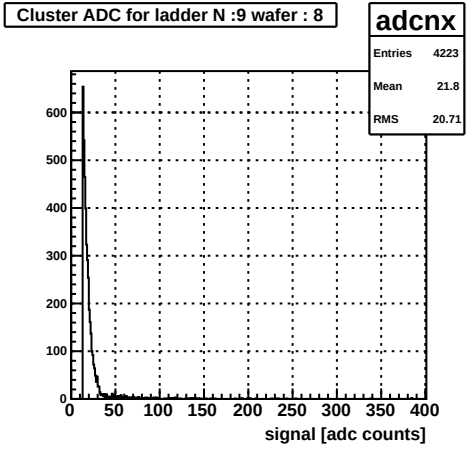

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 3883
Mean 25.72
RMS 23.86
signal [adc counts]

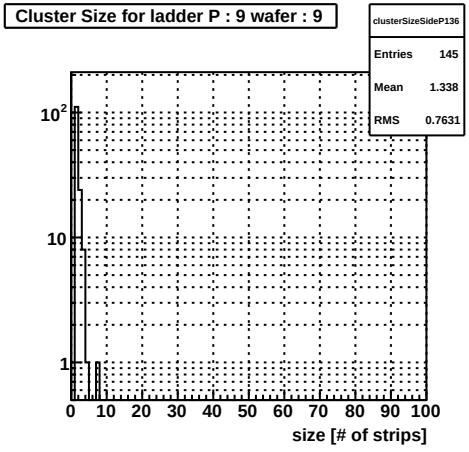

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 8353
Mean 1.041
RMS 0.2213
size [# of strips]

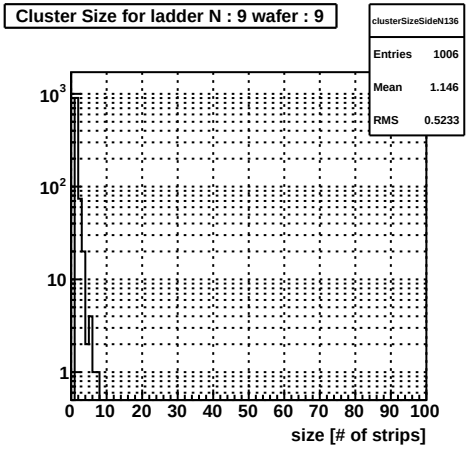

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4223
Mean 1.085
RMS 0.4038
size [# of strips]

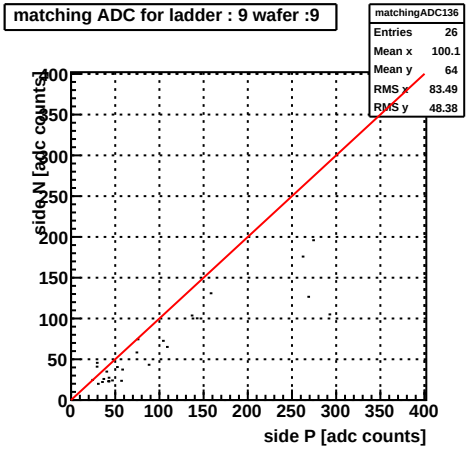

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 214
Mean x 50.97
Mean y 50.4
RMS x 41.27
RMS y 51.11
side N [adc counts]
side P [adc counts]

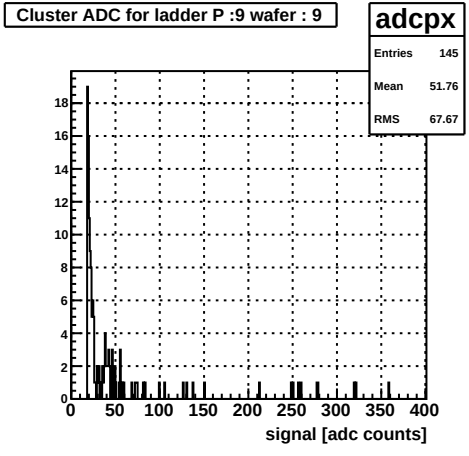

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 8353
Mean 28.56
RMS 16.38
signal [adc counts]

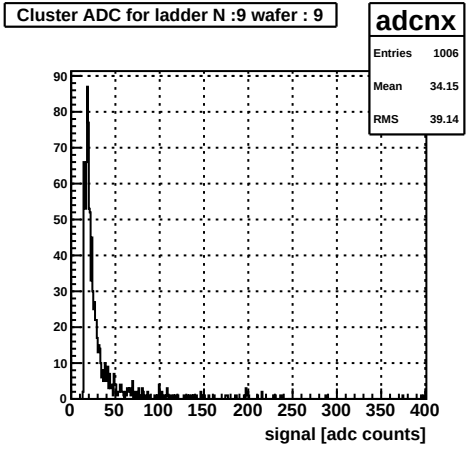

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4223
Mean 21.8
RMS 20.71
signal [adc counts]

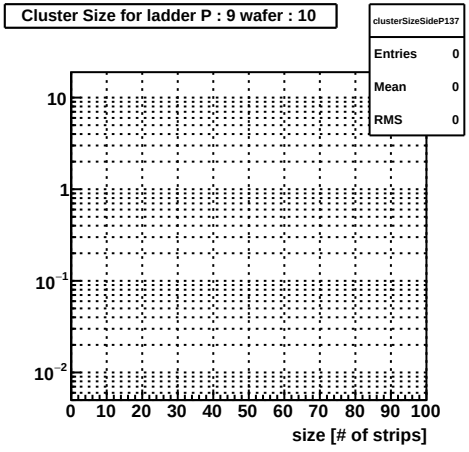

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 145
Mean 1.338
RMS 0.7631
size [# of strips]

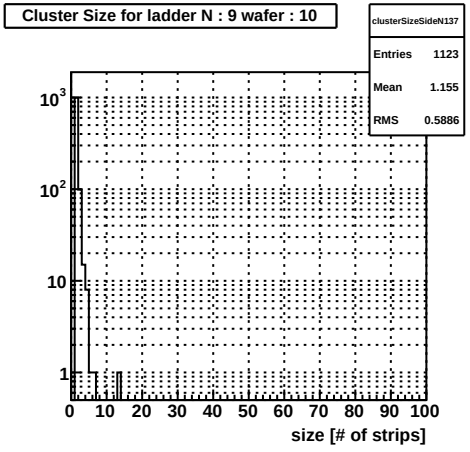

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1006
Mean 1.146
RMS 0.5233
size [# of strips]

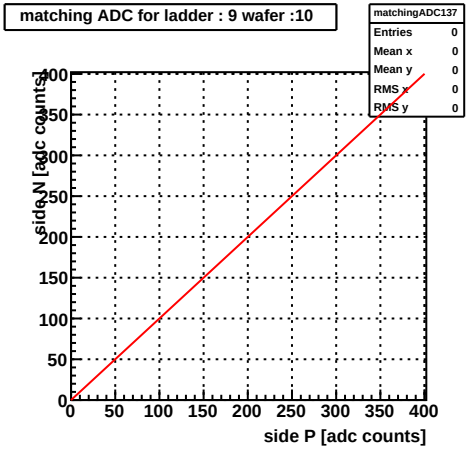

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 26
Mean x 100.1
Mean y 64
RMS x 83.49
RMS y 48.38
side N [adc counts]
side P [adc counts]

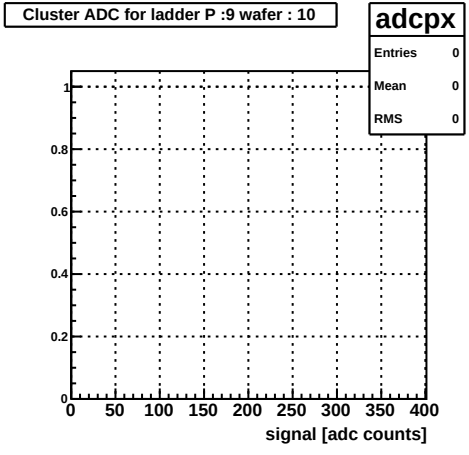

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 145
Mean 51.76
RMS 67.67
signal [adc counts]

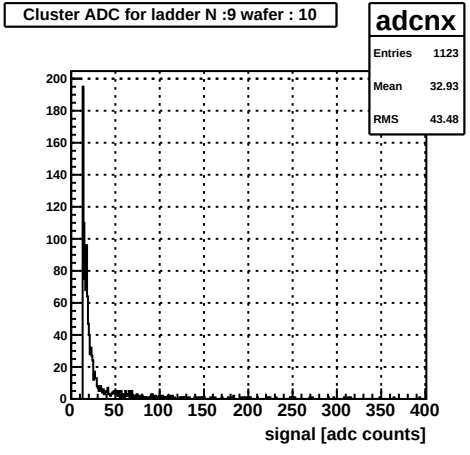

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1006
Mean 34.15
RMS 39.14
signal [adc counts]

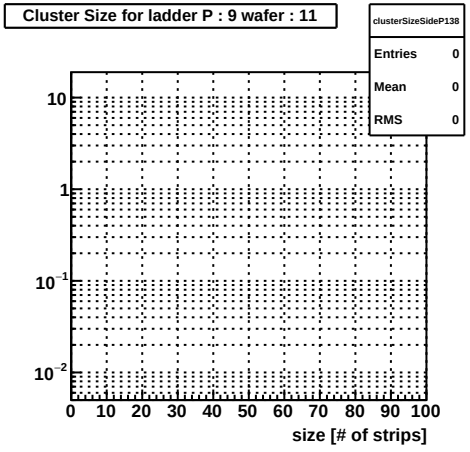

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

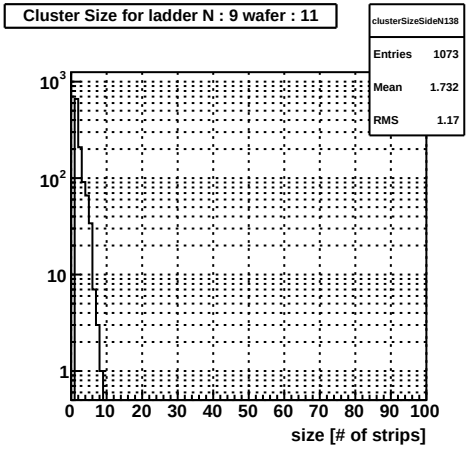

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1123
Mean 1.155
RMS 0.5886
size [# of strips]

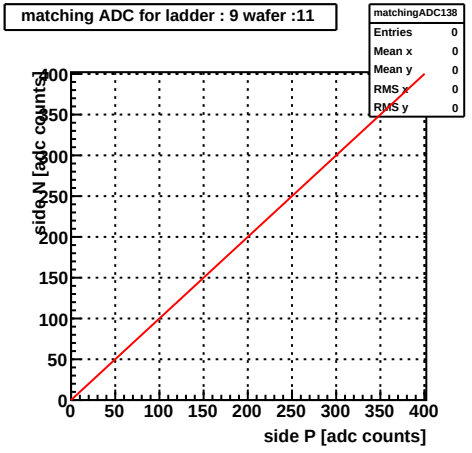

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

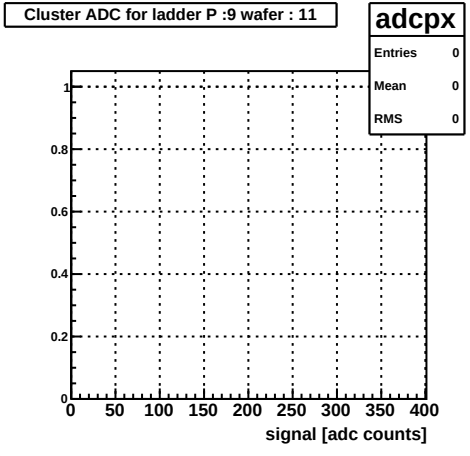

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

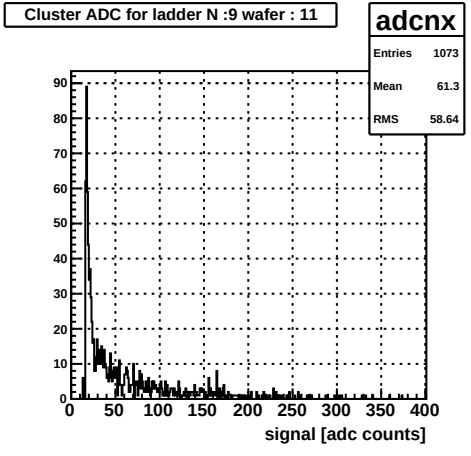

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1123
Mean 32.93
RMS 43.48
signal [adc counts]

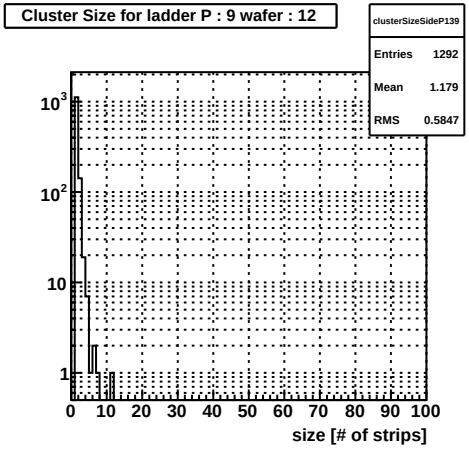

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

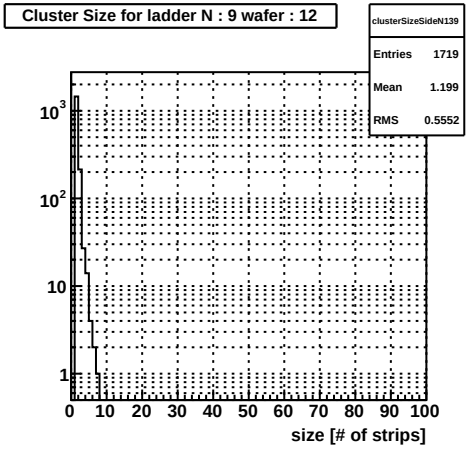

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1073
Mean 1.732
RMS 1.17
size [# of strips]

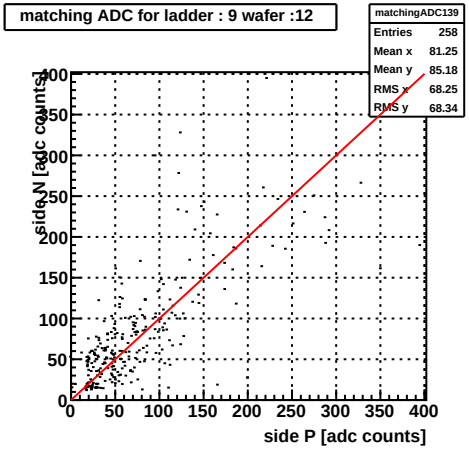

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

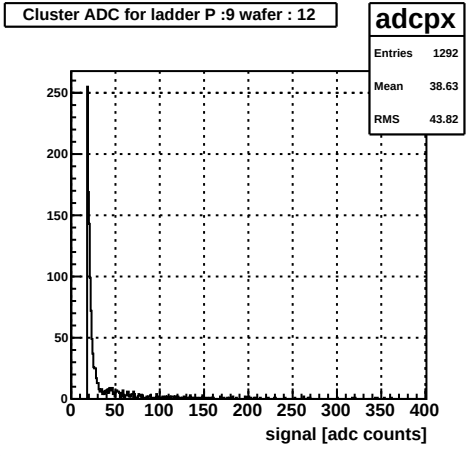

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

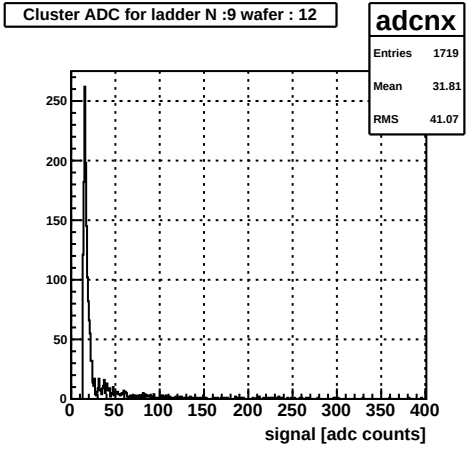

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1073
Mean 61.3
RMS 58.64
signal [adc counts]

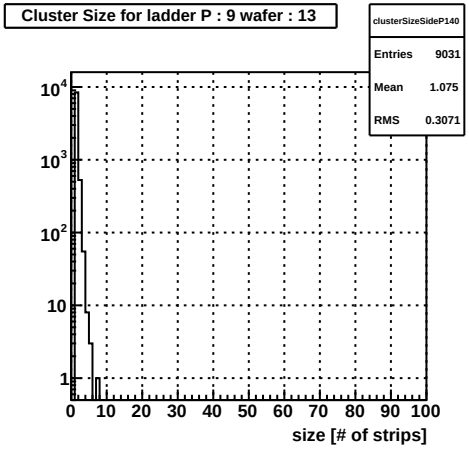

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1292
Mean 1.179
RMS 0.5847
size [# of strips]

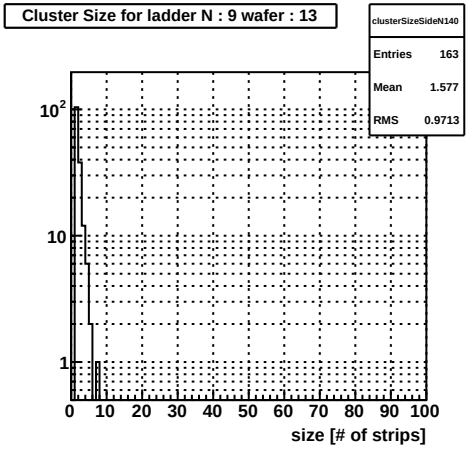

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1719
Mean 1.199
RMS 0.5552
size [# of strips]

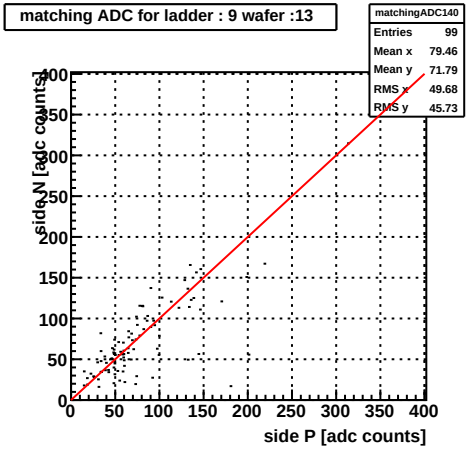

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 258
Mean x 81.25
Mean y 85.18
RMS x 68.25
RMS y 68.34
side N [adc counts]
side P [adc counts]

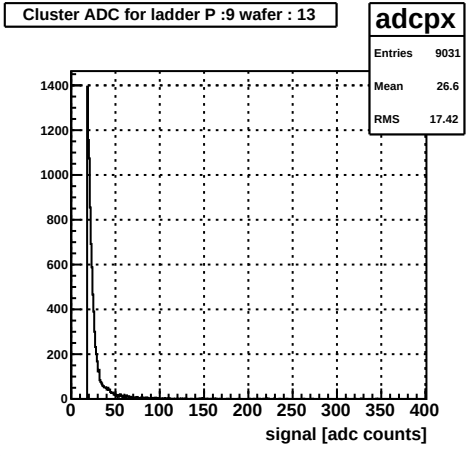

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1292
Mean 38.63
RMS 43.82
signal [adc counts]

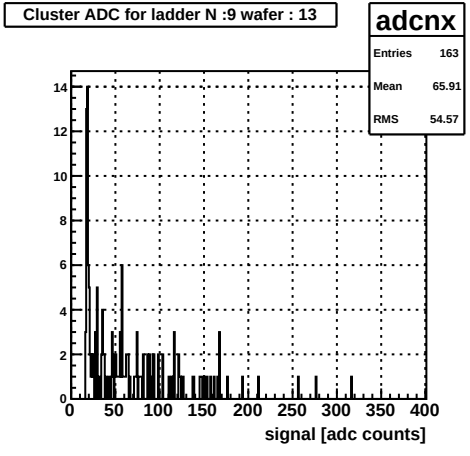

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1719
Mean 31.81
RMS 41.07
signal [adc counts]

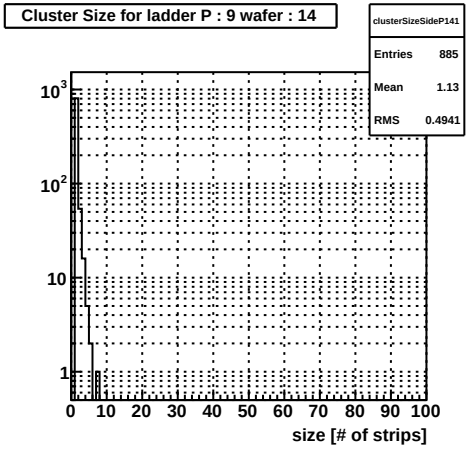

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 9031
Mean 1.075
RMS 0.3071
size [# of strips]

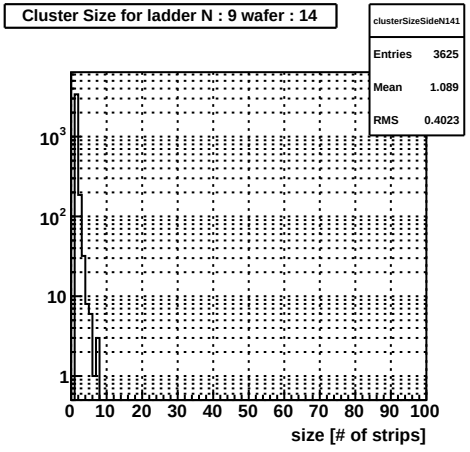

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 163
Mean 1.577
RMS 0.9713
size [# of strips]

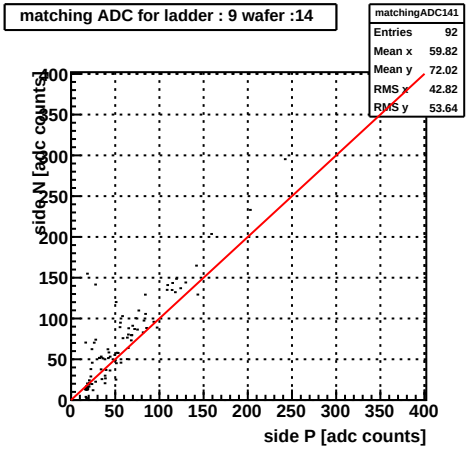

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 99
Mean x 79.46
Mean y 71.79
RMS x 49.68
RMS y 45.73
side N [adc counts]
side P [adc counts]

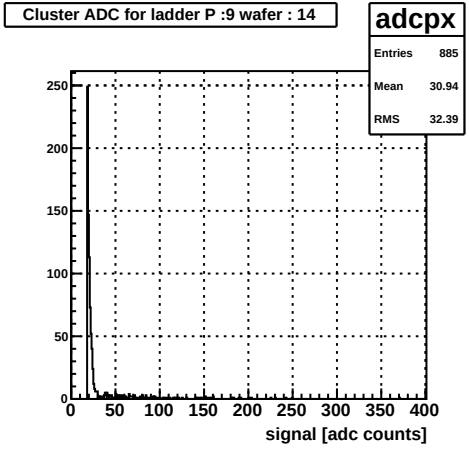

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 9031
Mean 26.6
RMS 17.42
signal [adc counts]

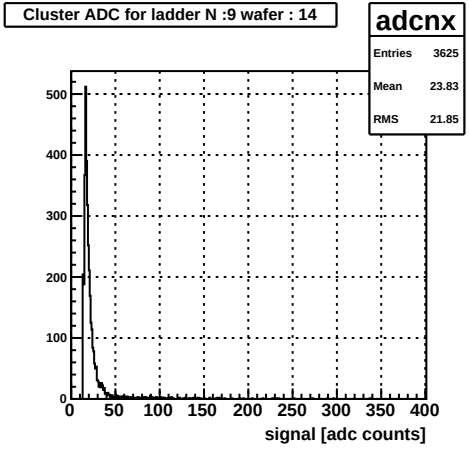

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 163
Mean 65.91
RMS 54.57
signal [adc counts]

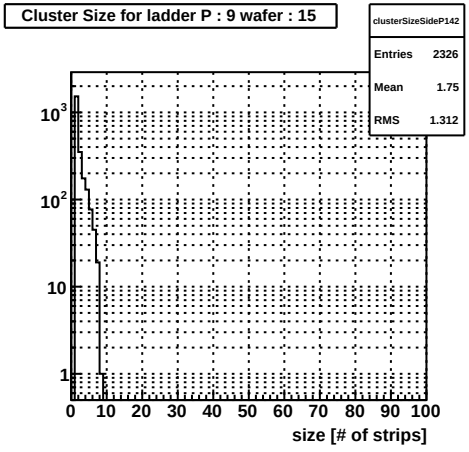

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 885
Mean 1.13
RMS 0.4941
size [# of strips]

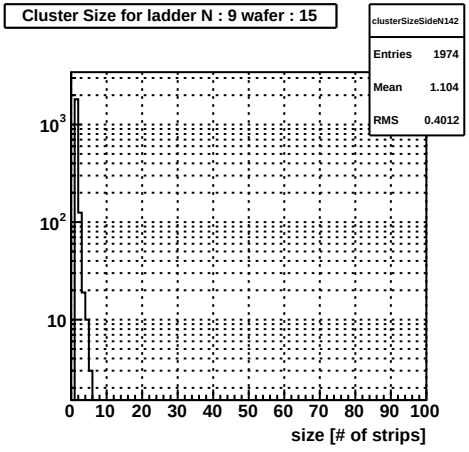

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3625
Mean 1.089
RMS 0.4023
size [# of strips]

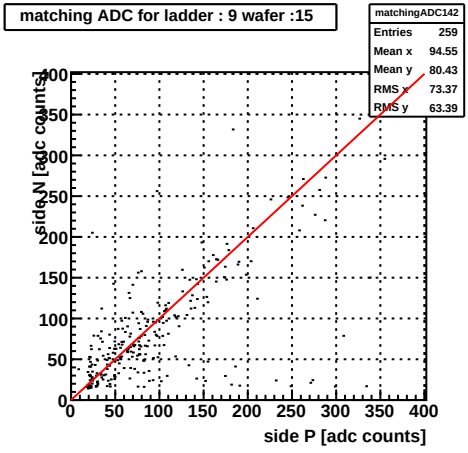

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 92
Mean x 59.82
Mean y 72.02
RMS x 42.82
RMS y 53.64
side N [adc counts]
side P [adc counts]

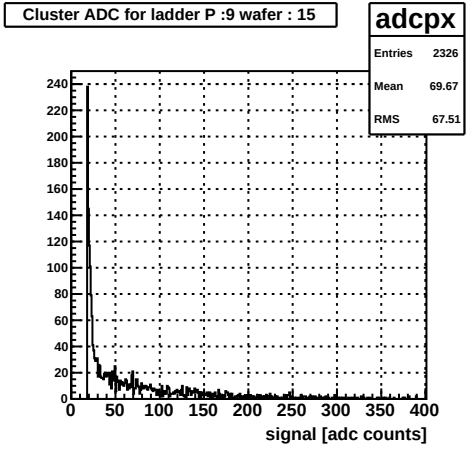

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 885
Mean 30.94
RMS 32.39
signal [adc counts]

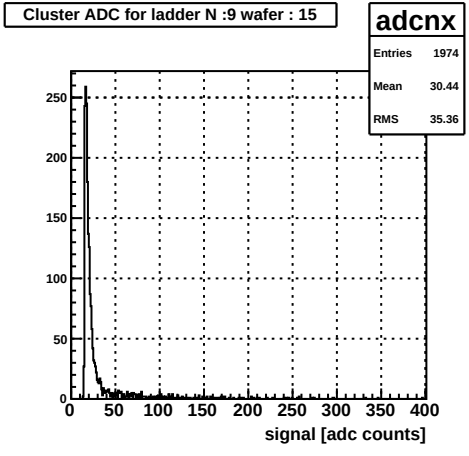

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3625
Mean 23.83
RMS 21.85
signal [adc counts]

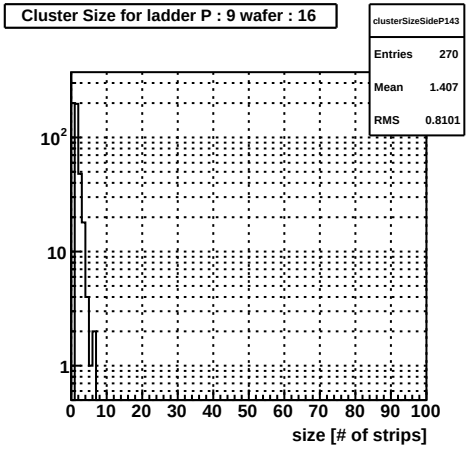

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2326
Mean 1.75
RMS 1.312
size [# of strips]

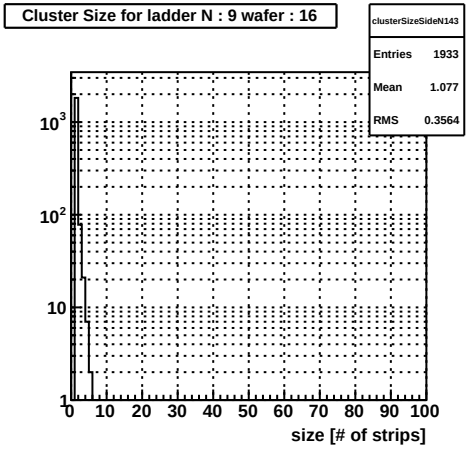

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1974
Mean 1.104
RMS 0.4012
size [# of strips]

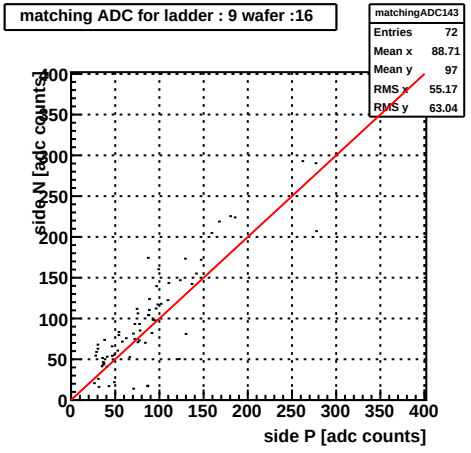

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 259
Mean x 94.55
Mean y 80.43
RMS x 73.37
RMS y 63.39
side N [adc counts]
side P [adc counts]

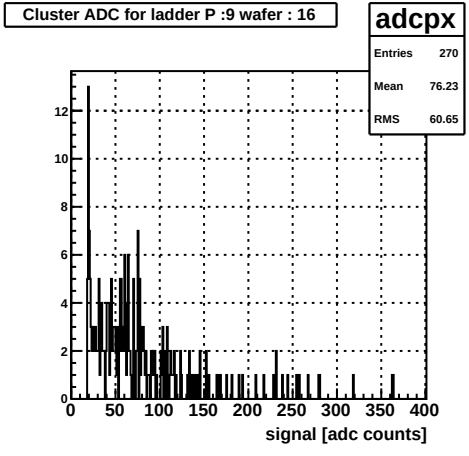

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2326
Mean 69.67
RMS 67.51
signal [adc counts]

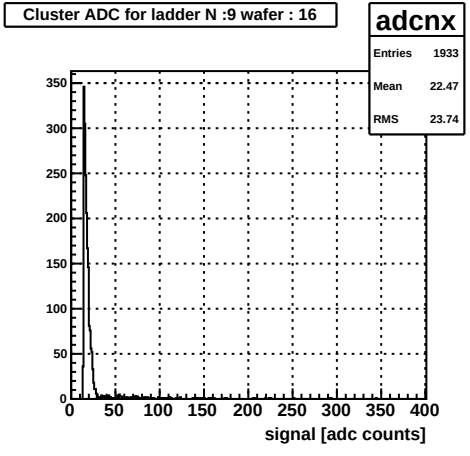

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1974
Mean 30.44
RMS 35.36
signal [adc counts]

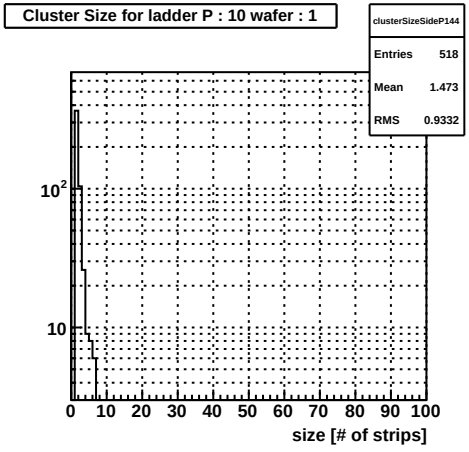

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 270
Mean 1.407
RMS 0.8101
size [# of strips]

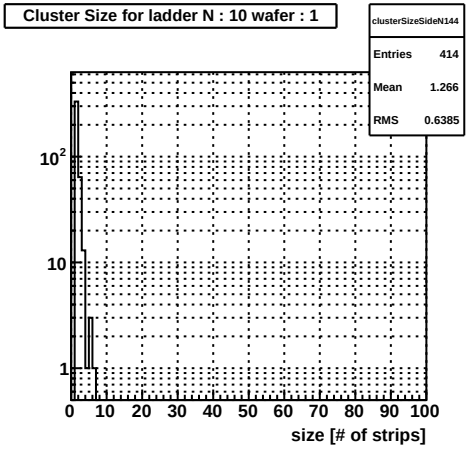

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1933
Mean 1.077
RMS 0.3564
size [# of strips]

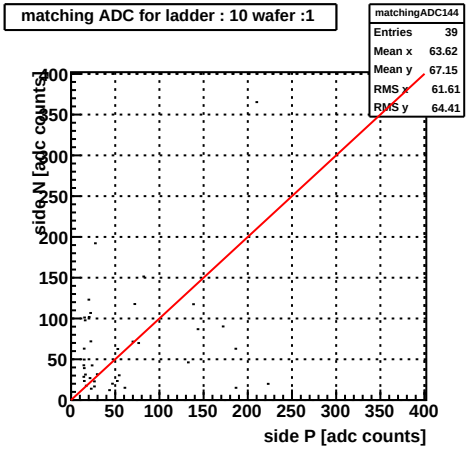

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 72
Mean x 88.71
Mean y 97
RMS x 55.17
RMS y 63.04
side N [adc counts]
side P [adc counts]

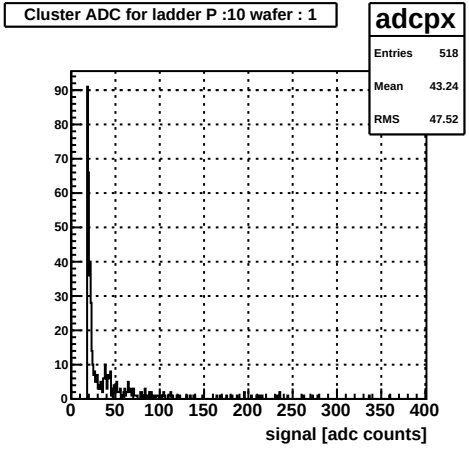

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 270
Mean 76.23
RMS 60.65
signal [adc counts]

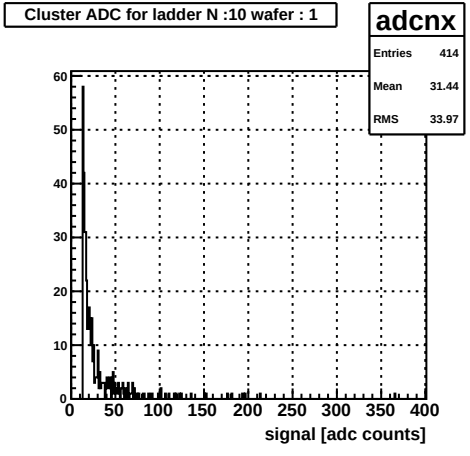

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1933
Mean 22.47
RMS 23.74
signal [adc counts]

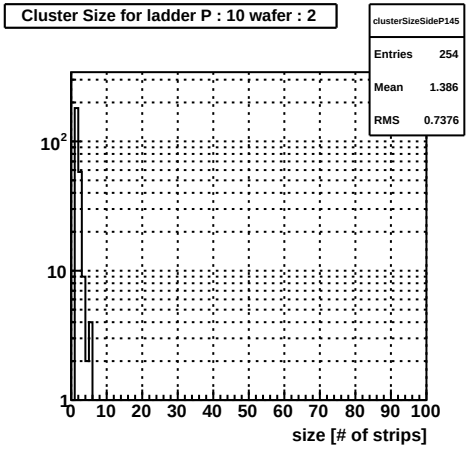

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 518
Mean 1.473
RMS 0.9332
size [# of strips]

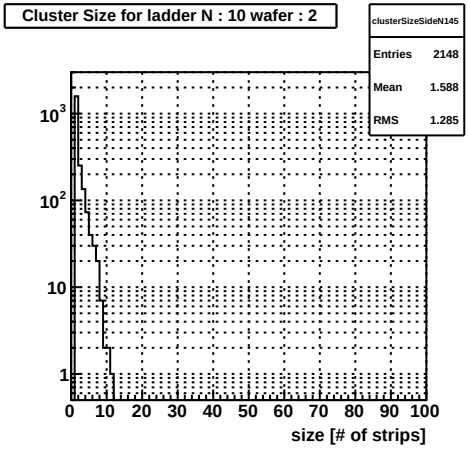

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 414
Mean 1.266
RMS 0.6385
size [# of strips]

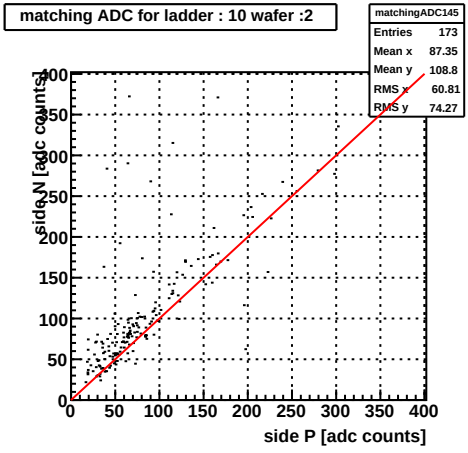

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 39
Mean x 63.62
Mean y 67.15
RMS x 61.61
RMS y 64.41
side N [adc counts]
side P [adc counts]

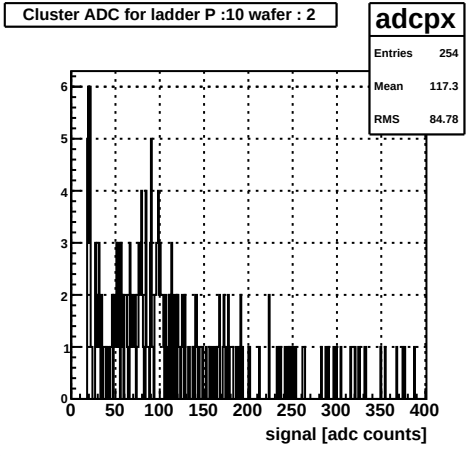

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 518
Mean 43.24
RMS 47.52
signal [adc counts]

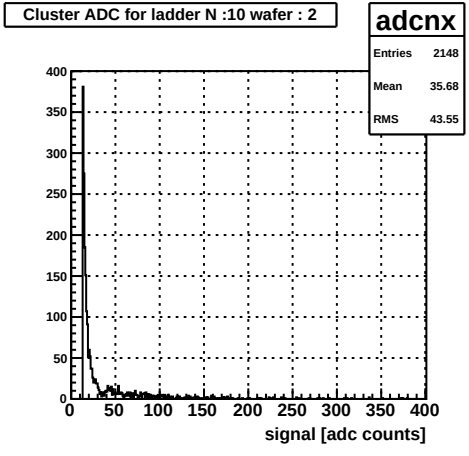

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 414
Mean 31.44
RMS 33.97
signal [adc counts]

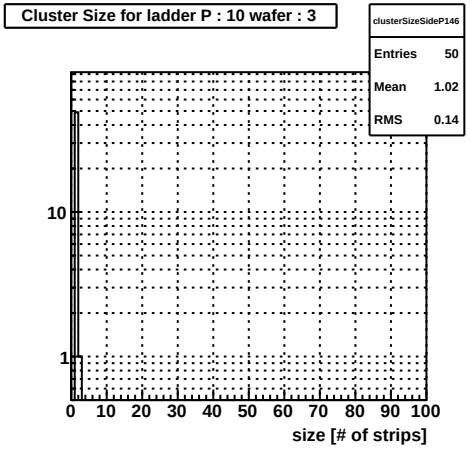

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 254
Mean 1.386
RMS 0.7376
size [# of strips]

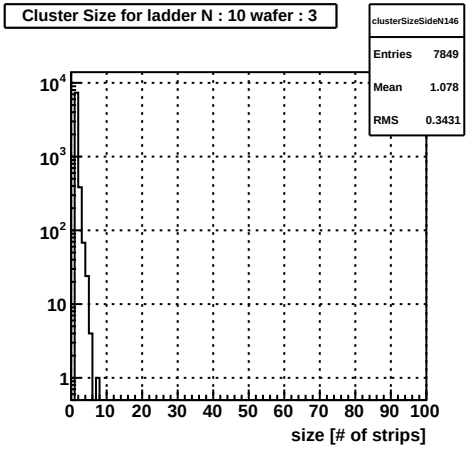

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2148
Mean 1.588
RMS 1.285
size [# of strips]

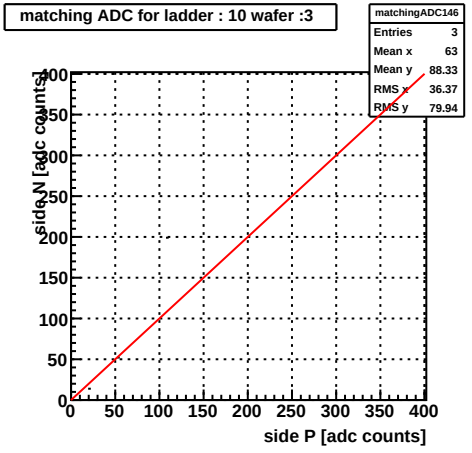

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 173
Mean x 87.35
Mean y 108.8
RMS x 60.81
RMS y 74.27
side N [adc counts]
side P [adc counts]

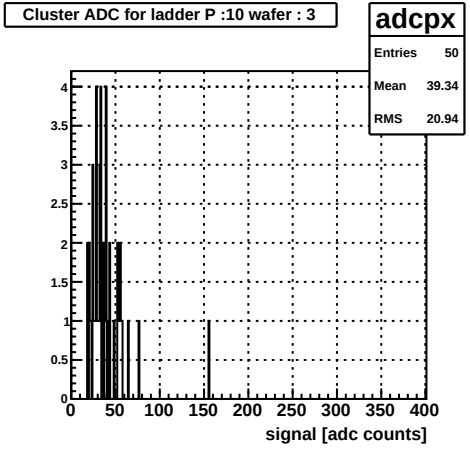

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 254
Mean 117.3
RMS 84.78
signal [adc counts]

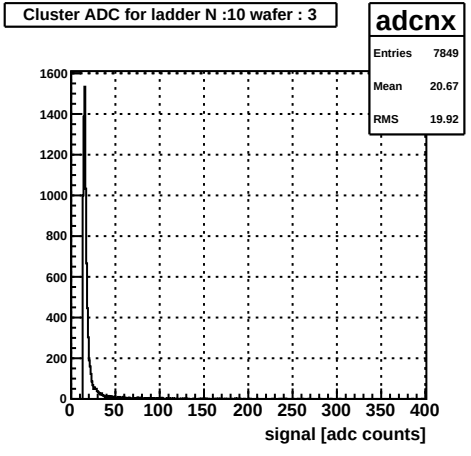

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2148
Mean 35.68
RMS 43.55
signal [adc counts]

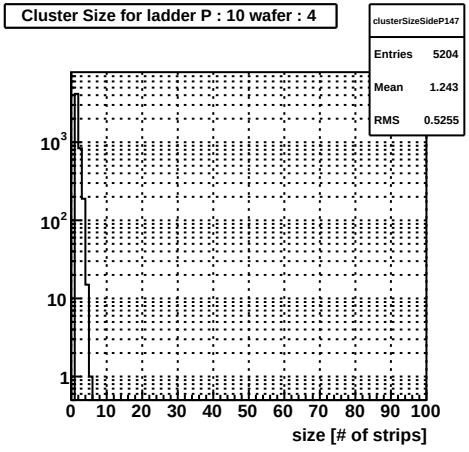

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 50
Mean 1.02
RMS 0.14
size [# of strips]

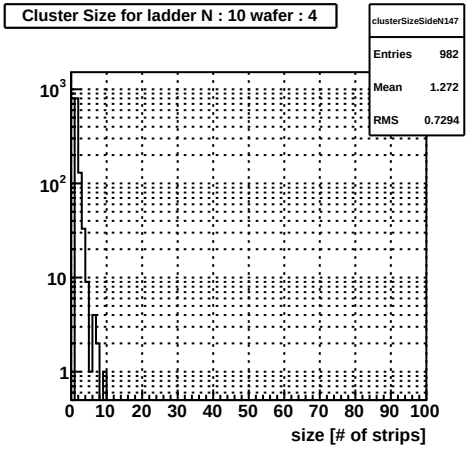

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 7849
Mean 1.078
RMS 0.3431
size [# of strips]

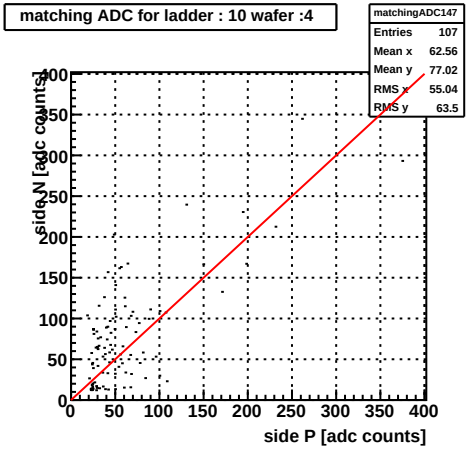

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 63
Mean y 88.33
RMS x 36.37
RMS y 79.94
side N [adc counts]
side P [adc counts]

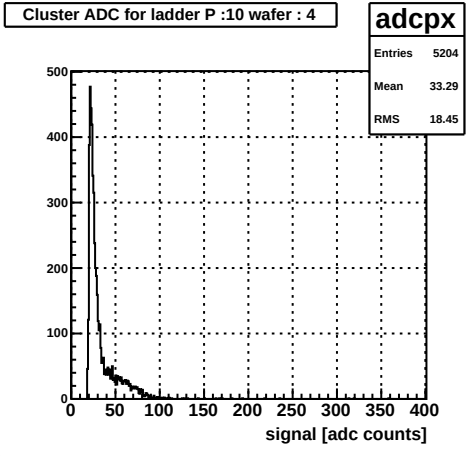

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 50
Mean 39.34
RMS 20.94
signal [adc counts]

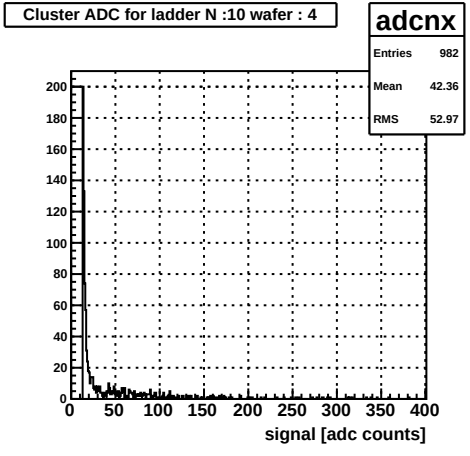

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 7849
Mean 20.67
RMS 19.92
signal [adc counts]

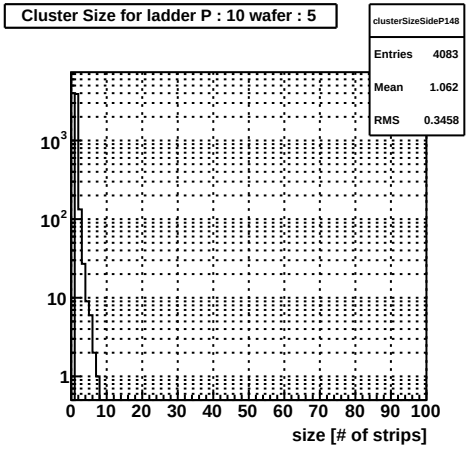

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5204
Mean 1.243
RMS 0.5255
size [# of strips]

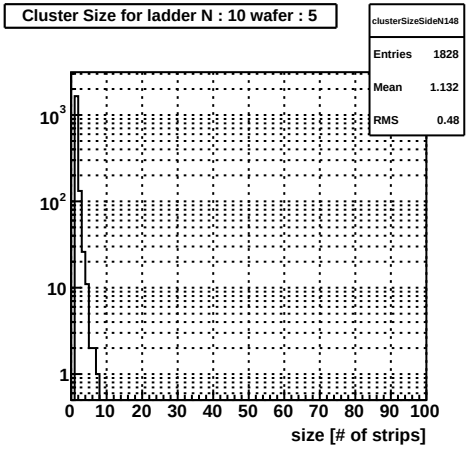

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 982
Mean 1.272
RMS 0.7294
size [# of strips]

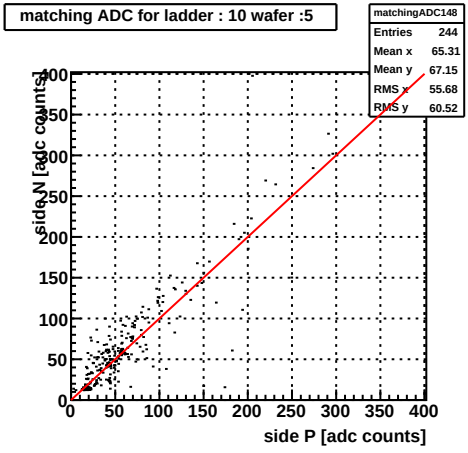

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 107
Mean x 62.56
Mean y 77.02
RMS x 55.04
RMS y 63.5
side N [adc counts]
side P [adc counts]

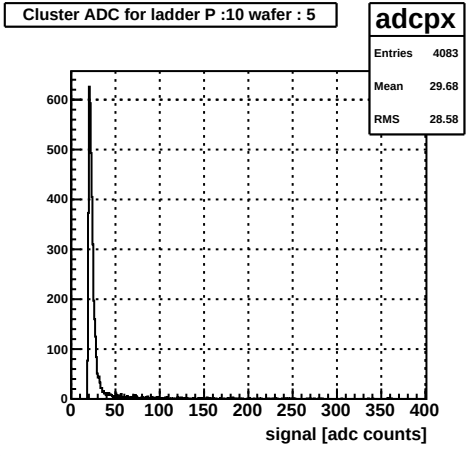

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5204
Mean 33.29
RMS 18.45
signal [adc counts]

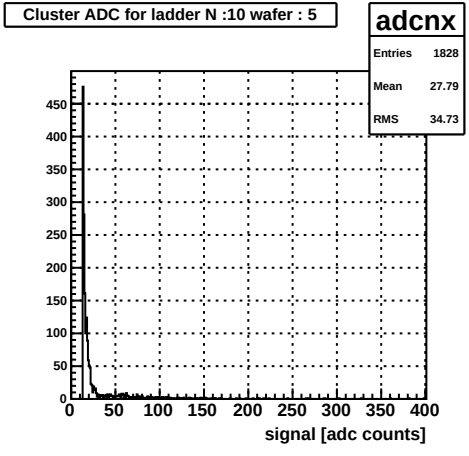

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 982
Mean 42.36
RMS 52.97
signal [adc counts]

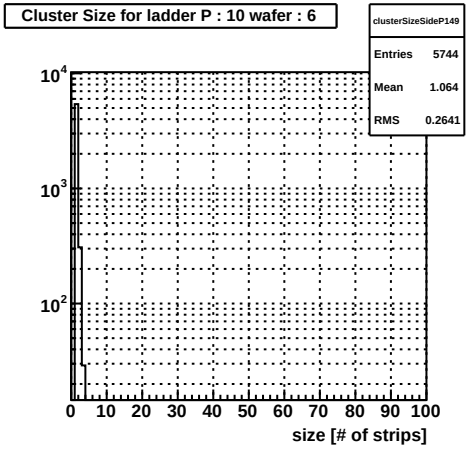

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 4083
Mean 1.062
RMS 0.3458
size [# of strips]

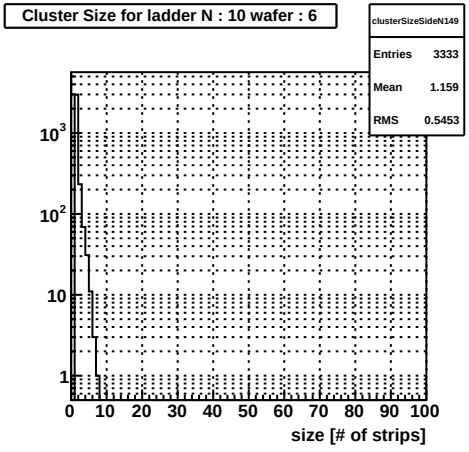

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1828
Mean 1.132
RMS 0.48
size [# of strips]

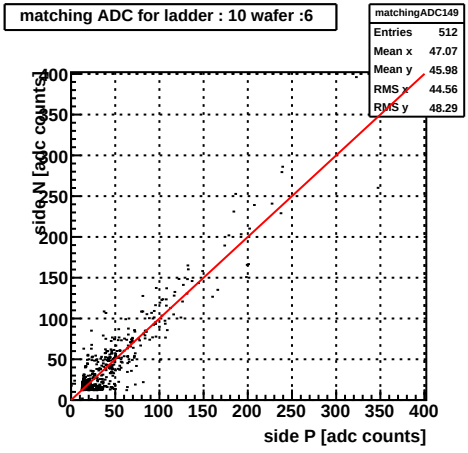

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 244
Mean x 65.31
Mean y 67.15
RMS x 55.68
RMS y 60.52
side N [adc counts]
side P [adc counts]

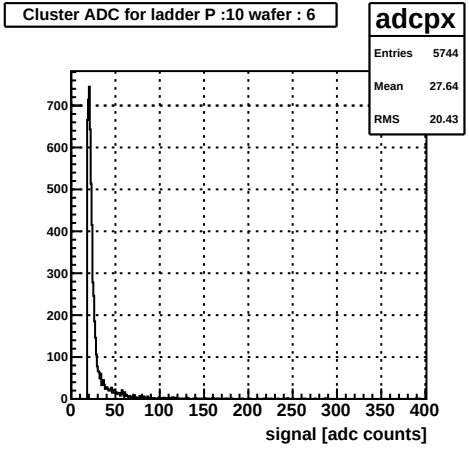

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 4083
Mean 29.68
RMS 28.58
signal [adc counts]

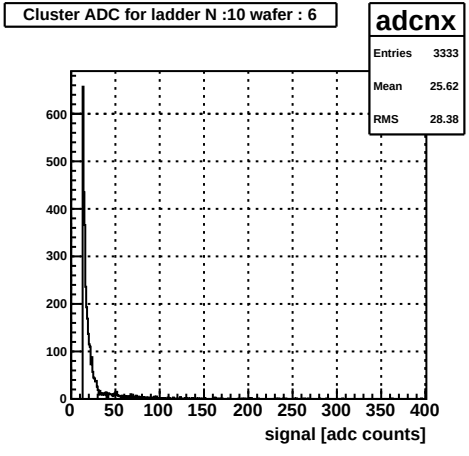

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1828
Mean 27.79
RMS 34.73
signal [adc counts]

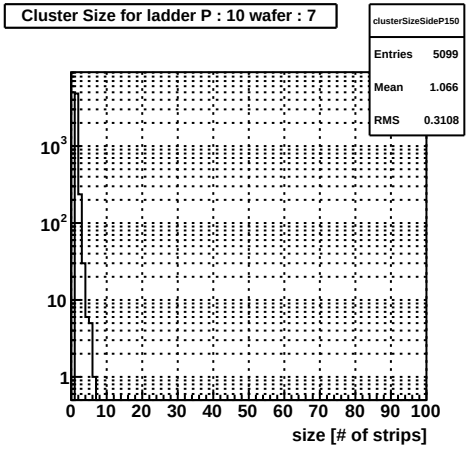

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 5744
Mean 1.064
RMS 0.2641
size [# of strips]

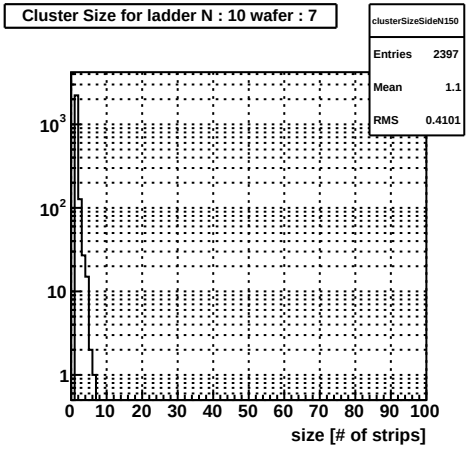

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3333
Mean 1.159
RMS 0.5453
size [# of strips]

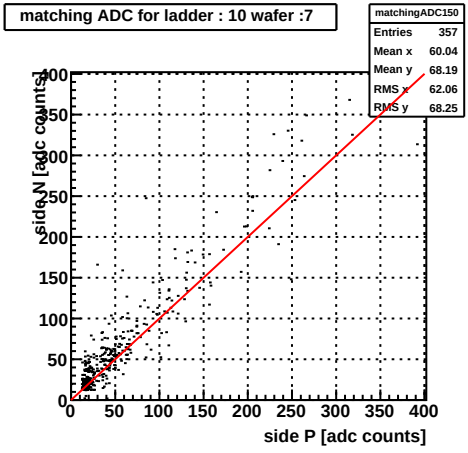

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 512
Mean x 47.07
Mean y 45.98
RMS x 44.56
RMS y 48.29
side N [adc counts]
side P [adc counts]

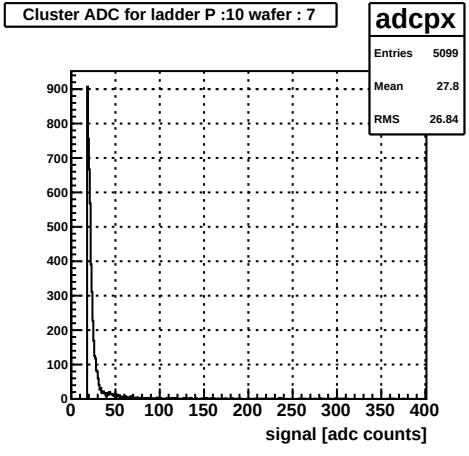

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 5744
Mean 27.64
RMS 20.43
signal [adc counts]

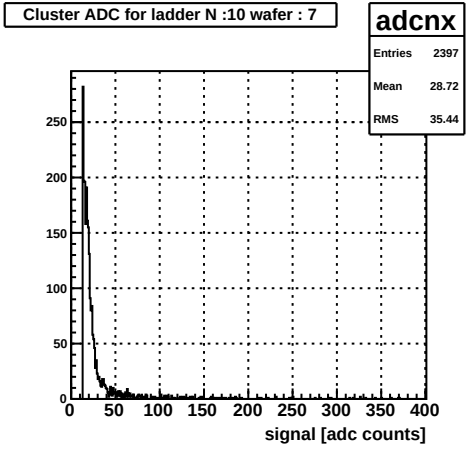

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3333
Mean 25.62
RMS 28.38
signal [adc counts]

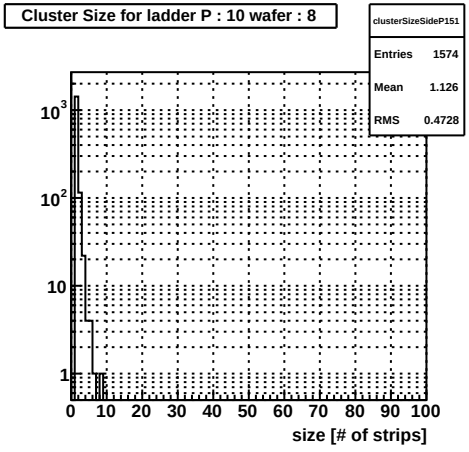

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 5099
Mean 1.066
RMS 0.3108
size [# of strips]

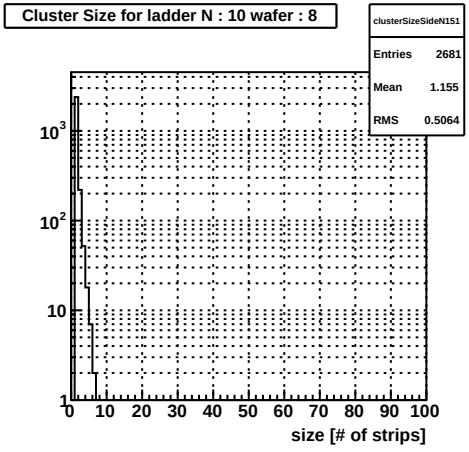

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2397
Mean 1.1
RMS 0.4101
size [# of strips]

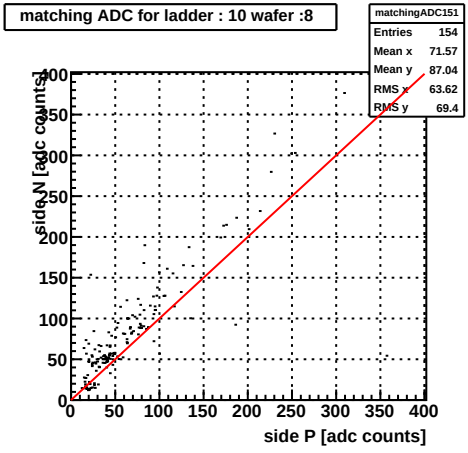

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 357
Mean x 60.04
Mean y 68.19
RMS x 62.06
RMS y 68.25
side N [adc counts]
side P [adc counts]

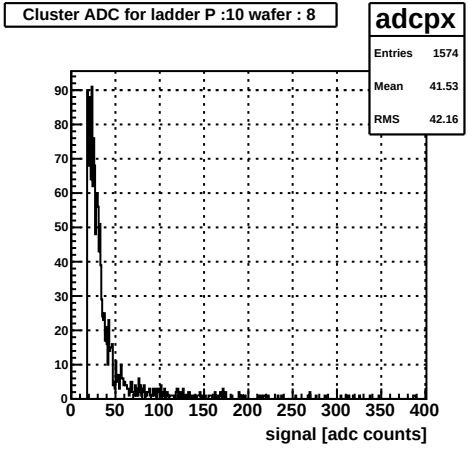

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 5099
Mean 27.8
RMS 26.84
signal [adc counts]

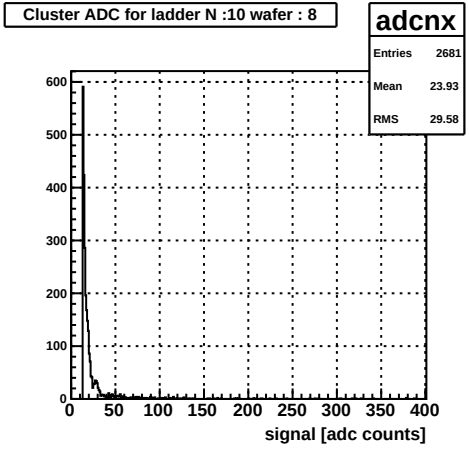

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2397
Mean 28.72
RMS 35.44
signal [adc counts]

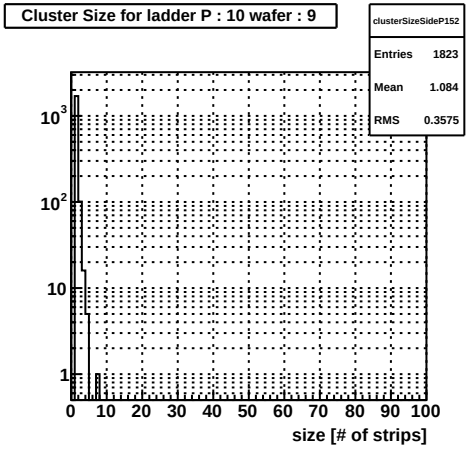

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1574
Mean 1.126
RMS 0.4728
size [# of strips]

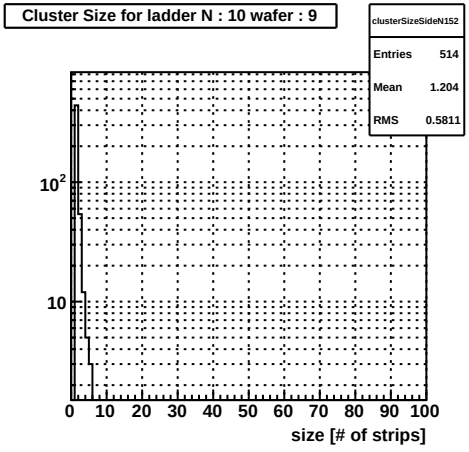

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2681
Mean 1.155
RMS 0.5064
size [# of strips]

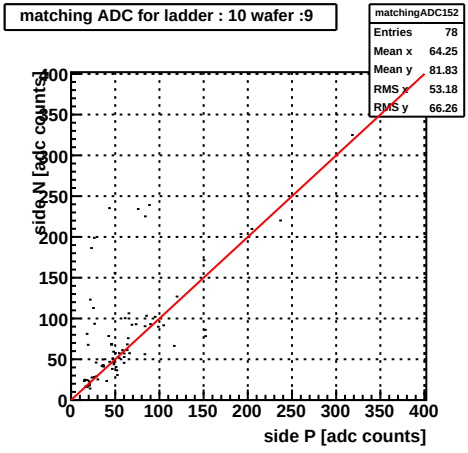

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 154
Mean x 71.57
Mean y 87.04
RMS x 63.62
RMS y 69.4
side N [adc counts]
side P [adc counts]

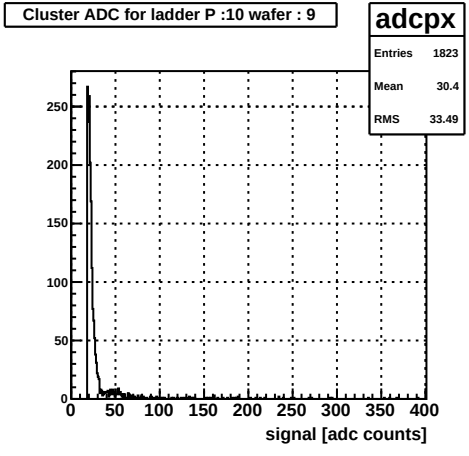

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1574
Mean 41.53
RMS 42.16
signal [adc counts]

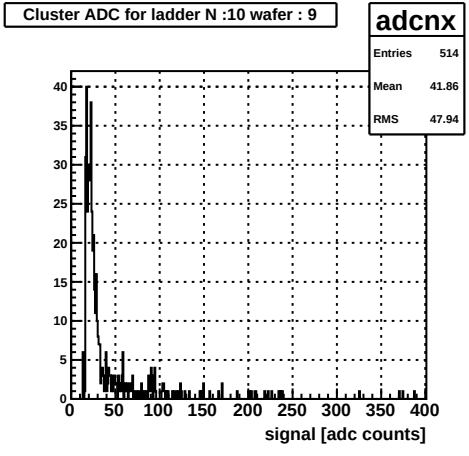

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2681
Mean 23.93
RMS 29.58
signal [adc counts]

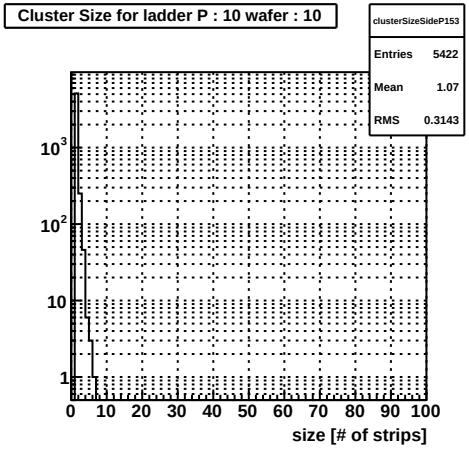

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1823
Mean 1.084
RMS 0.3575
size [# of strips]

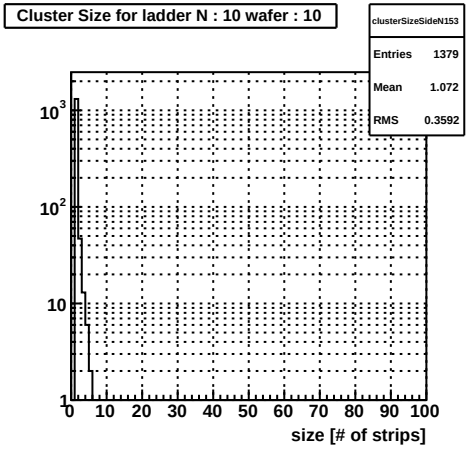

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 514
Mean 1.204
RMS 0.5811
size [# of strips]

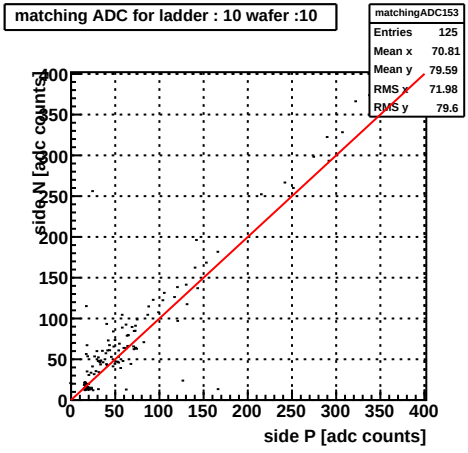

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 78
Mean x 64.25
Mean y 81.83
RMS x 53.18
RMS y 66.26
side N [adc counts]
side P [adc counts]

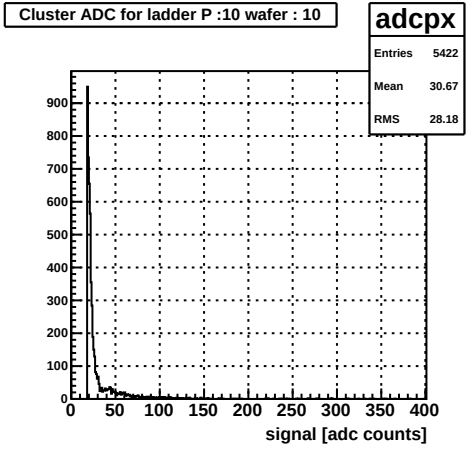

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1823
Mean 30.4
RMS 33.49
signal [adc counts]

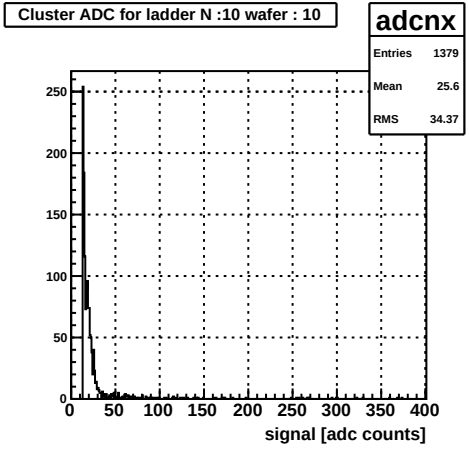

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 514
Mean 41.86
RMS 47.94
signal [adc counts]

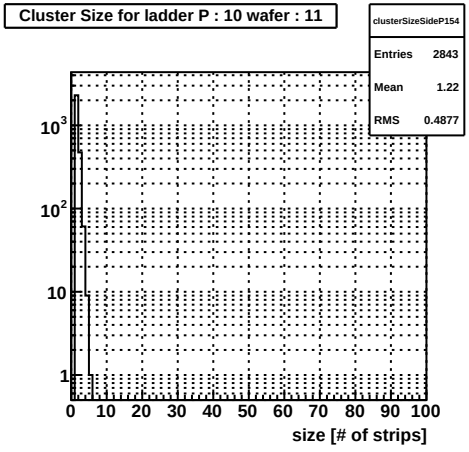

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 5422
Mean 1.07
RMS 0.3143
size [# of strips]

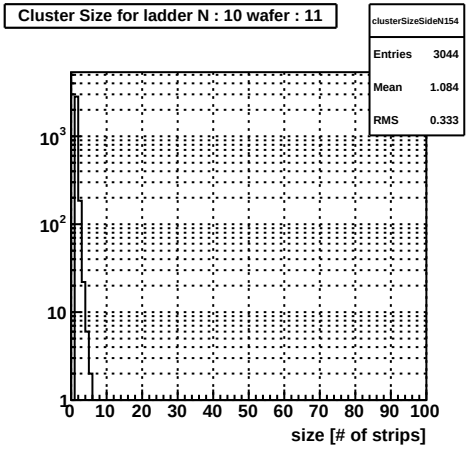

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1379
Mean 1.072
RMS 0.3592
size [# of strips]

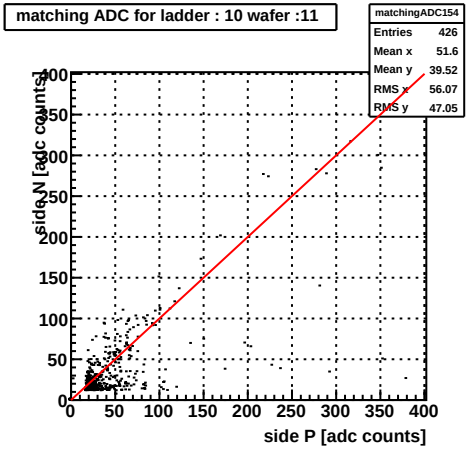

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 125
Mean x 70.81
Mean y 79.59
RMS x 71.98
RMS y 79.6
side N [adc counts]
side P [adc counts]

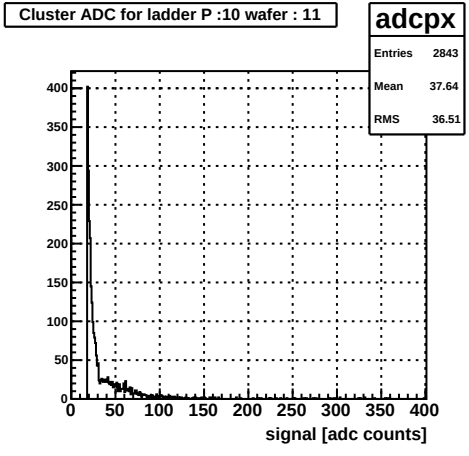

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 5422
Mean 30.67
RMS 28.18
signal [adc counts]

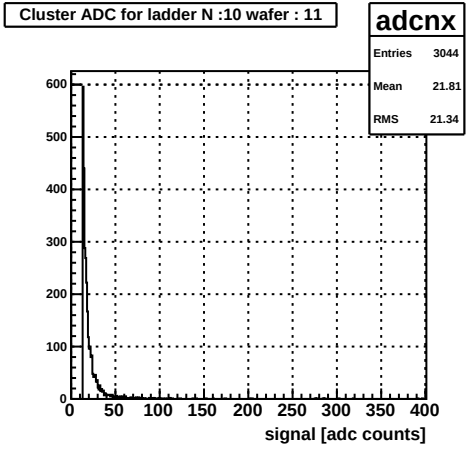

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1379
Mean 25.6
RMS 34.37
signal [adc counts]

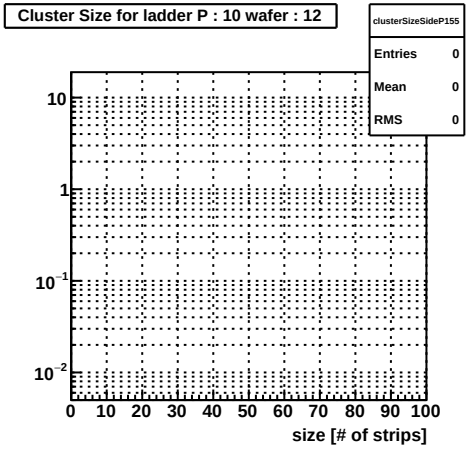

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2843
Mean 1.22
RMS 0.4877
size [# of strips]

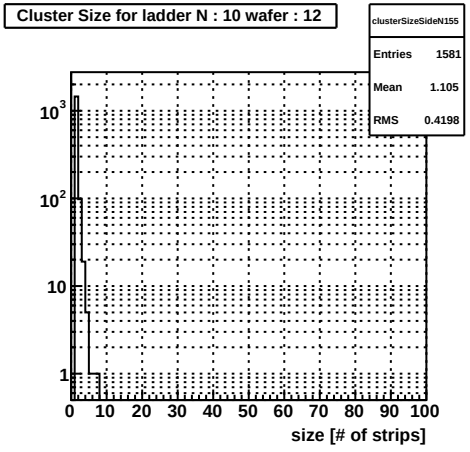

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3044
Mean 1.084
RMS 0.333
size [# of strips]

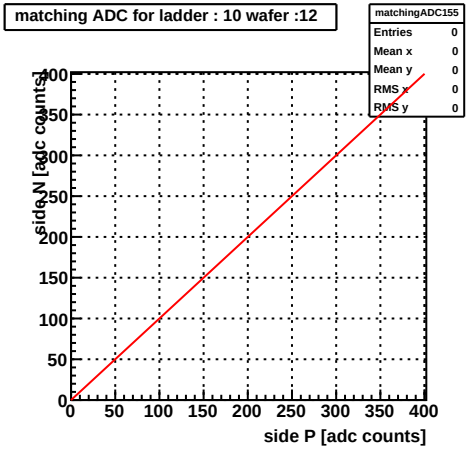

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 426
Mean x 51.6
Mean y 39.52
RMS x 56.07
RMS y 47.05
side N [adc counts]
side P [adc counts]

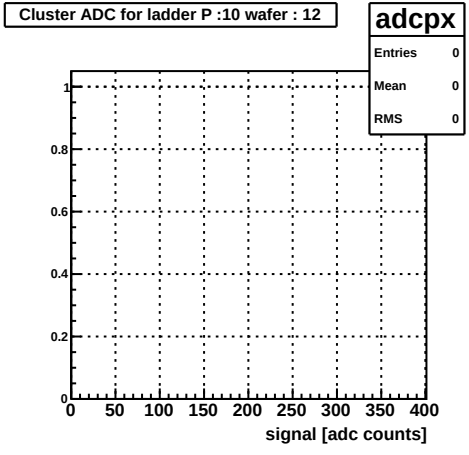

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2843
Mean 37.64
RMS 36.51
signal [adc counts]

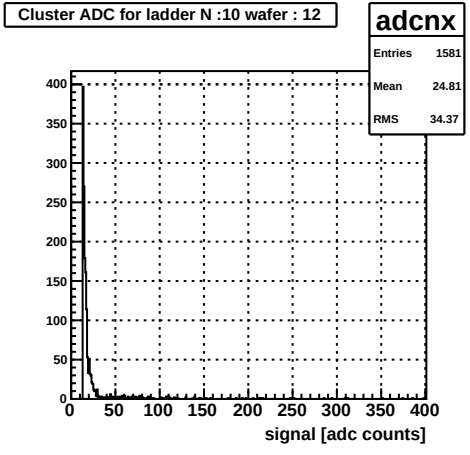

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3044
Mean 21.81
RMS 21.34
signal [adc counts]

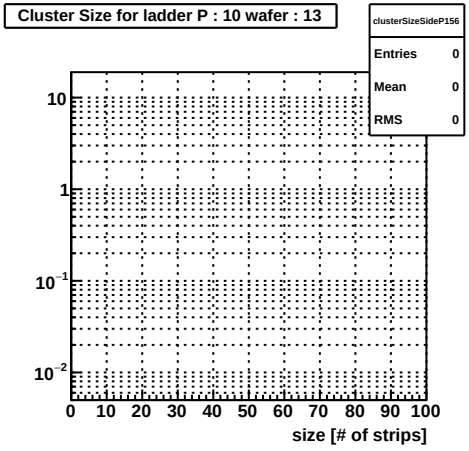

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

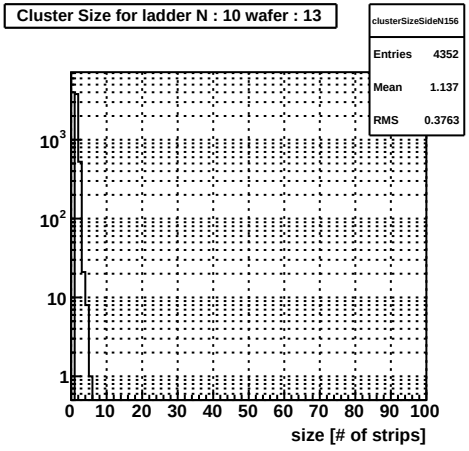

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1581
Mean 1.105
RMS 0.4198
size [# of strips]

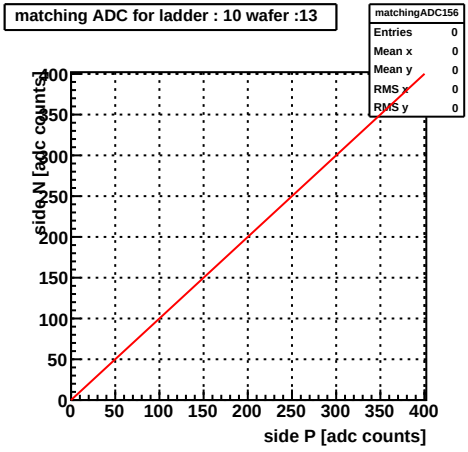

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

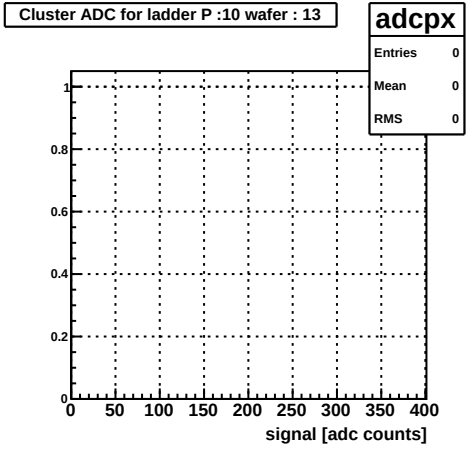

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

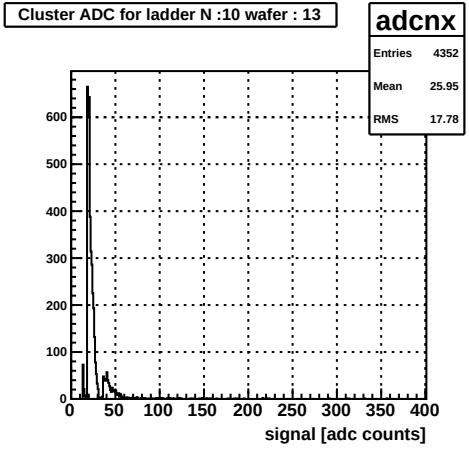

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1581
Mean 24.81
RMS 34.37
signal [adc counts]

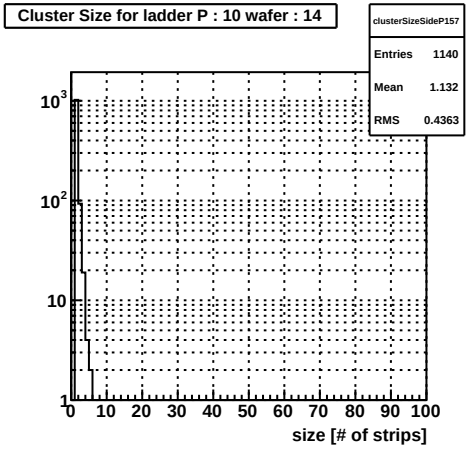

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

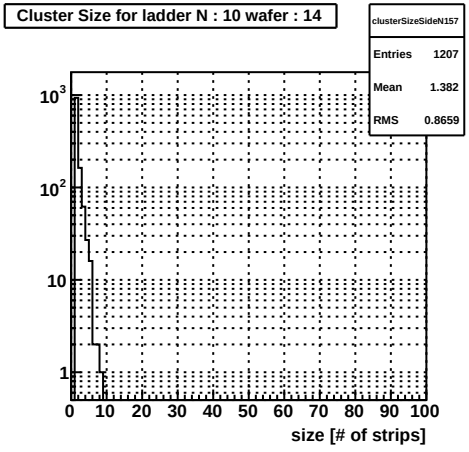

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4352
Mean 1.137
RMS 0.3763
size [# of strips]

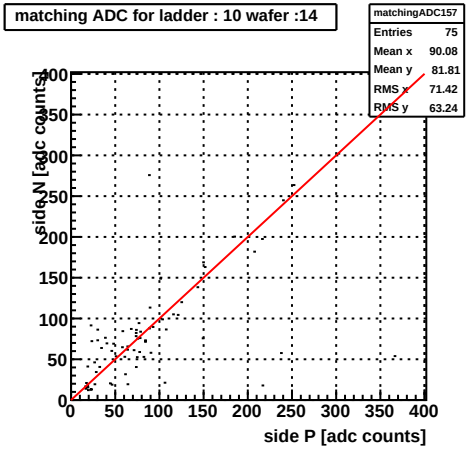

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

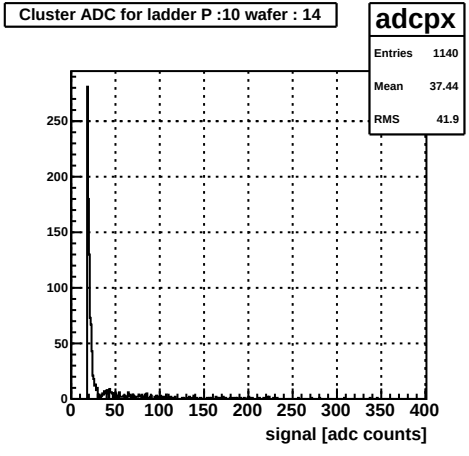

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

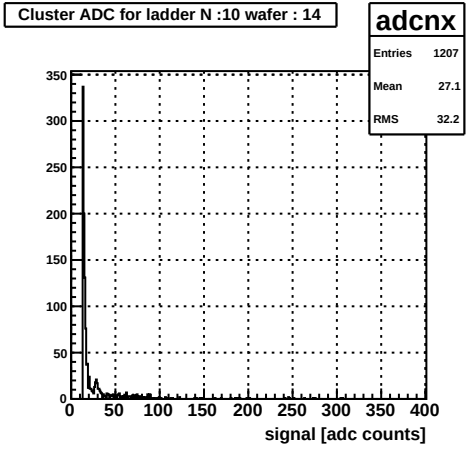

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4352
Mean 25.95
RMS 17.78
signal [adc counts]

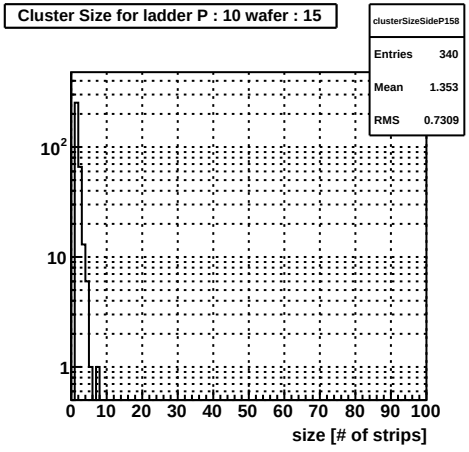

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1140
Mean 1.132
RMS 0.4363
size [# of strips]

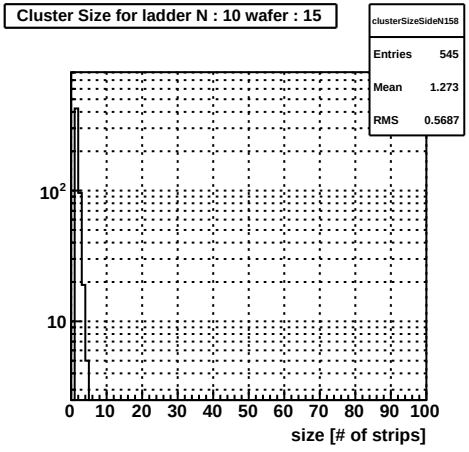

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1207
Mean 1.382
RMS 0.8659
size [# of strips]

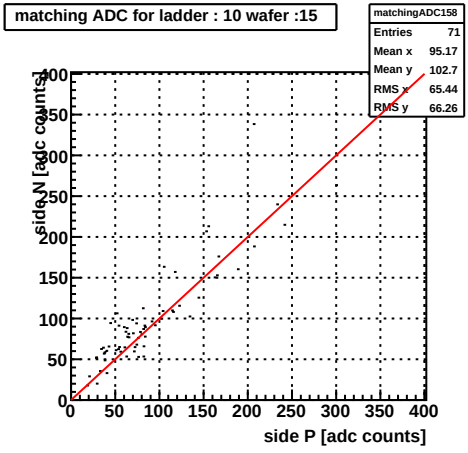

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 75
Mean x 90.08
Mean y 81.81
RMS x 71.42
RMS y 63.24
side N [adc counts]
side P [adc counts]

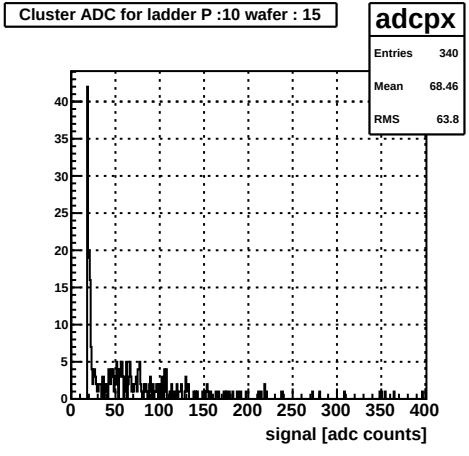

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1140
Mean 37.44
RMS 41.9
signal [adc counts]

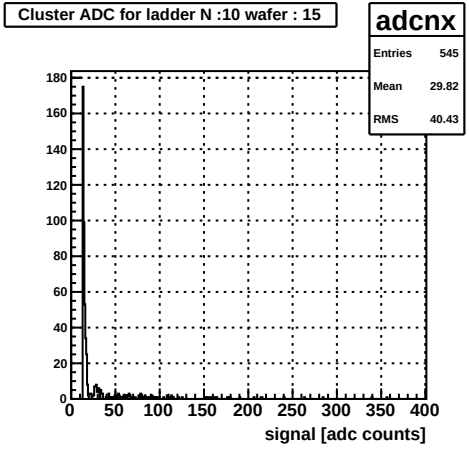

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1207
Mean 27.1
RMS 32.2
signal [adc counts]

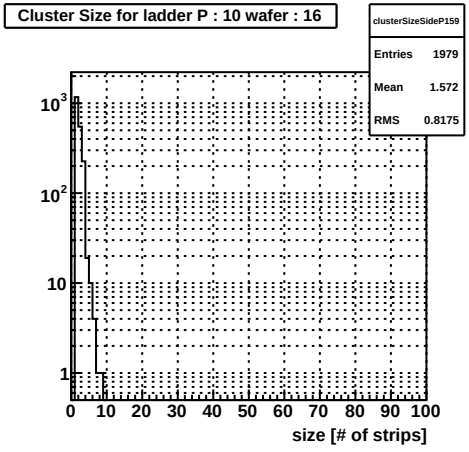

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 340
Mean 1.353
RMS 0.7309
size [# of strips]

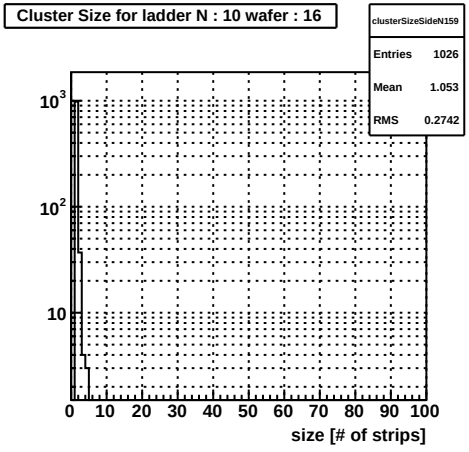

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 545
Mean 1.273
RMS 0.5687
size [# of strips]

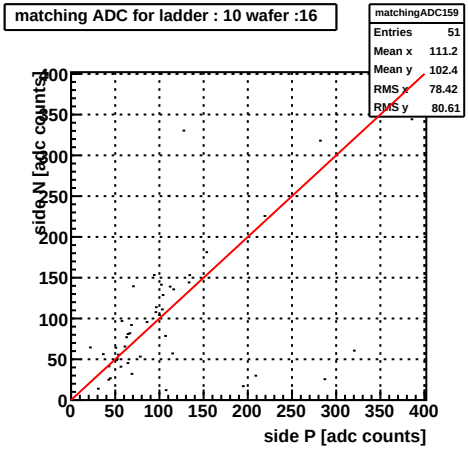

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 71
Mean x 95.17
Mean y 102.7
RMS x 65.44
RMS y 66.26
side N [adc counts]
side P [adc counts]

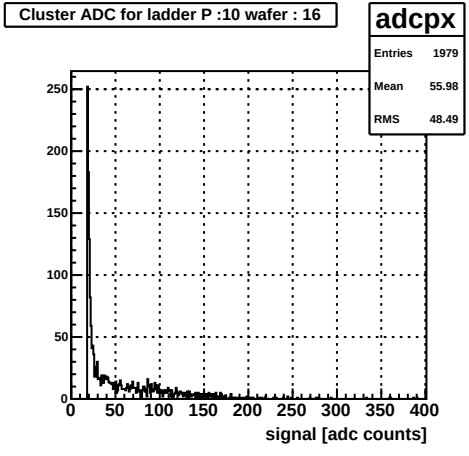

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 340
Mean 68.46
RMS 63.8
signal [adc counts]

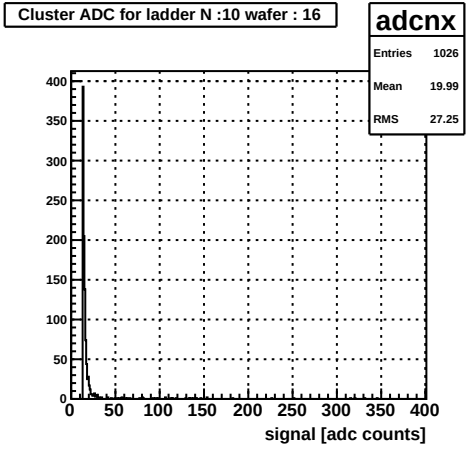

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 545
Mean 29.82
RMS 40.43
signal [adc counts]

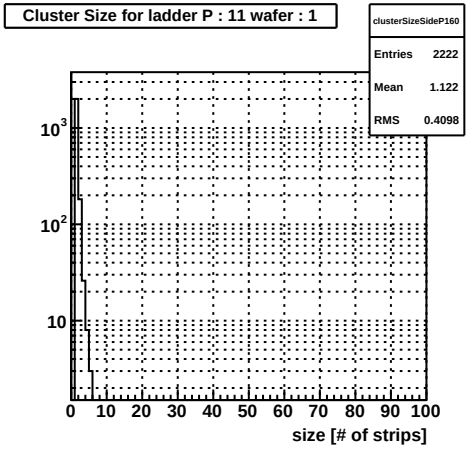

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1979
Mean 1.572
RMS 0.8175
size [# of strips]

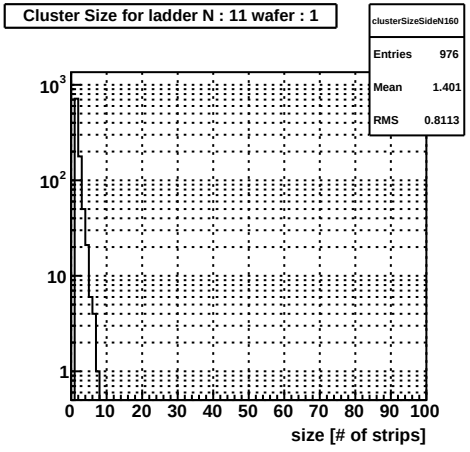

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1026
Mean 1.053
RMS 0.2742
size [# of strips]

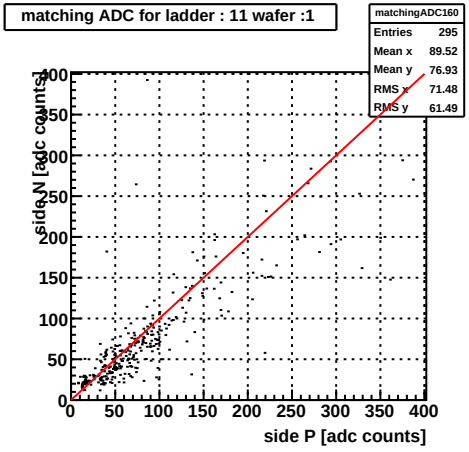

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 51
Mean x 111.2
Mean y 102.4
RMS x 78.42
RMS y 80.61
side N [adc counts]
side P [adc counts]

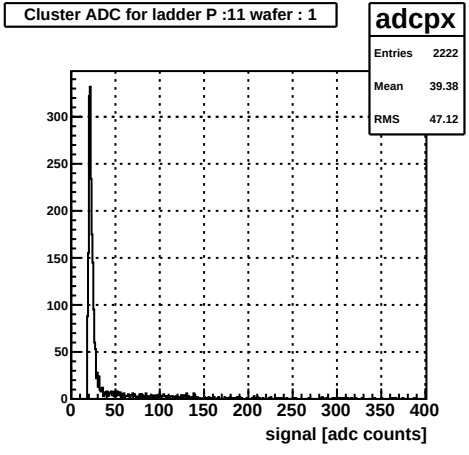

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1979
Mean 55.98
RMS 48.49
signal [adc counts]

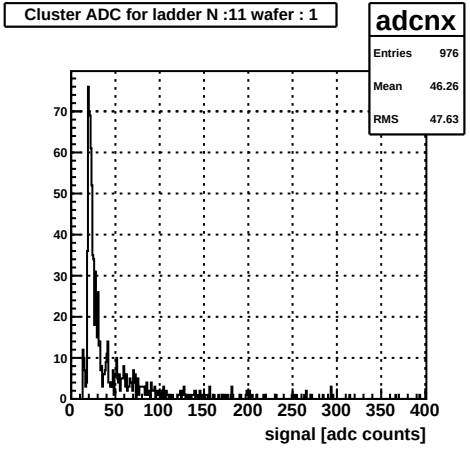

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1026
Mean 19.99
RMS 27.25
signal [adc counts]

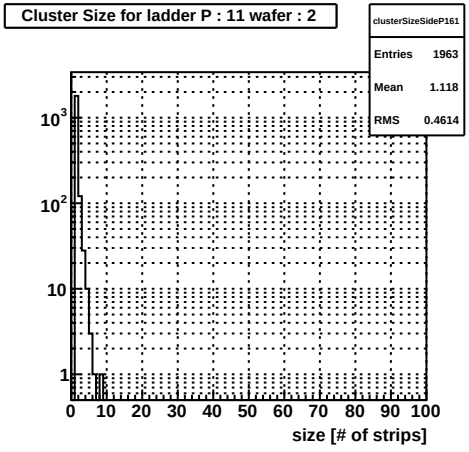

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2222
Mean 1.122
RMS 0.4098
size [# of strips]

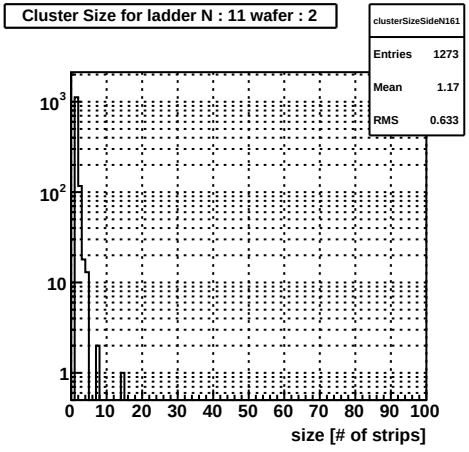

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 976
Mean 1.401
RMS 0.8113
size [# of strips]

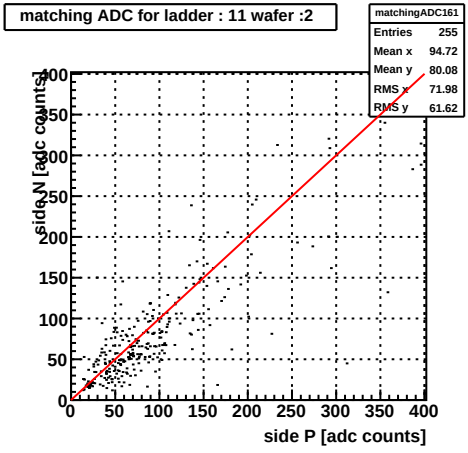

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 295
Mean x 89.52
Mean y 76.93
RMS x 71.48
RMS y 61.49
side N [adc counts]
side P [adc counts]

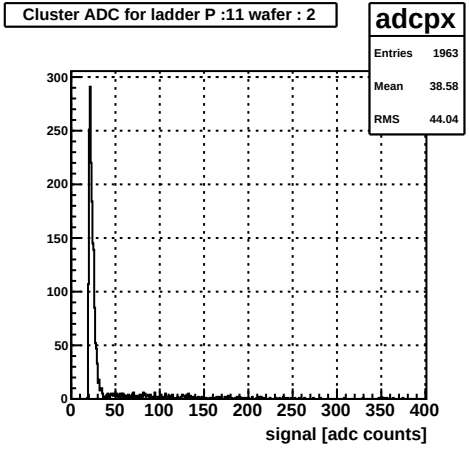

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2222
Mean 39.38
RMS 47.12
signal [adc counts]

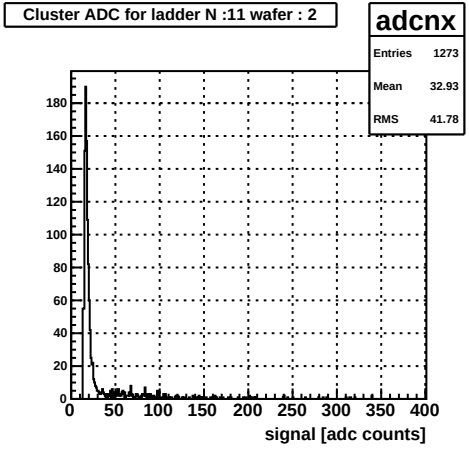

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 976
Mean 46.26
RMS 47.63
signal [adc counts]

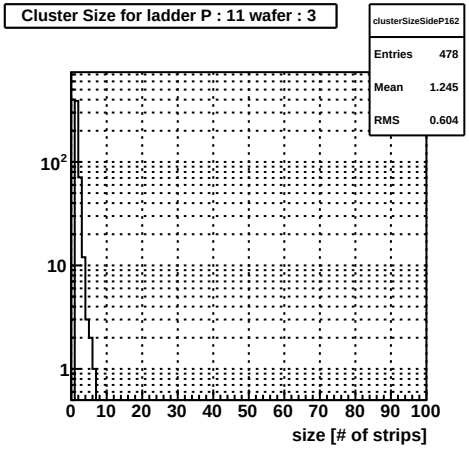

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1963
Mean 1.118
RMS 0.4614
size [# of strips]

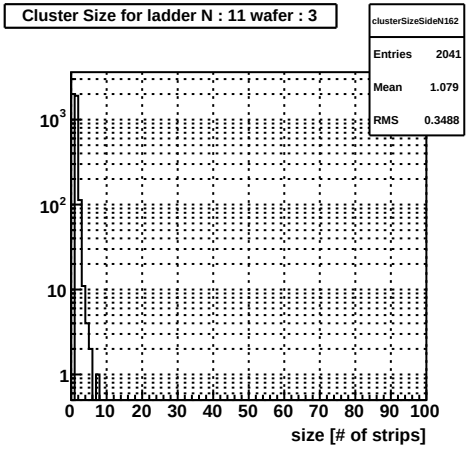

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1273
Mean 1.17
RMS 0.633
size [# of strips]

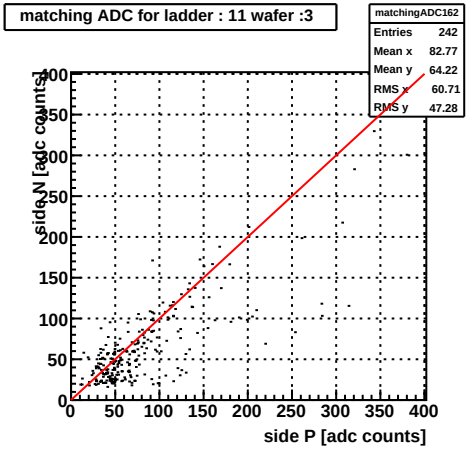

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 255
Mean x 94.72
Mean y 80.08
RMS x 71.98
RMS y 61.62
side N [adc counts]
side P [adc counts]

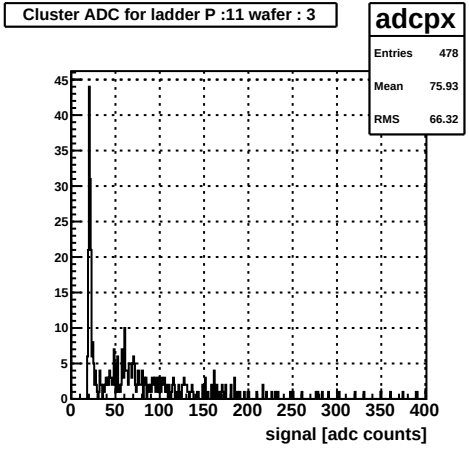

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1963
Mean 38.58
RMS 44.04
signal [adc counts]

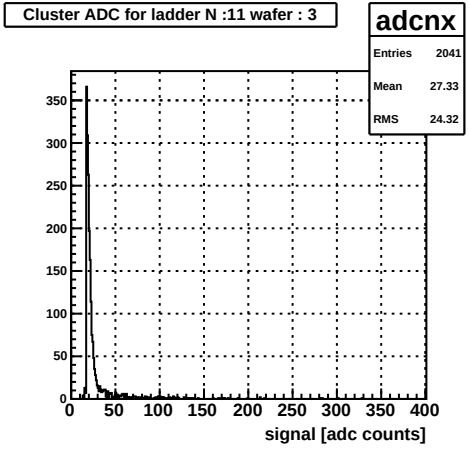

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1273
Mean 32.93
RMS 41.78
signal [adc counts]

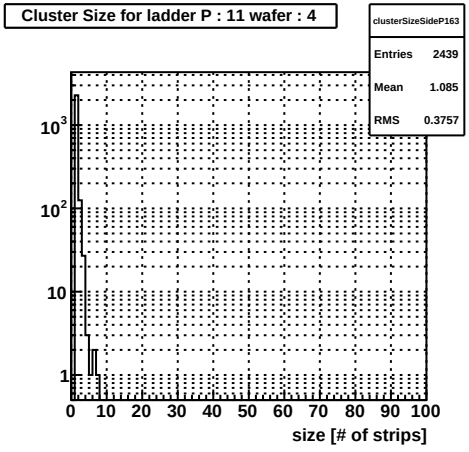

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 478
Mean 1.245
RMS 0.604
size [# of strips]

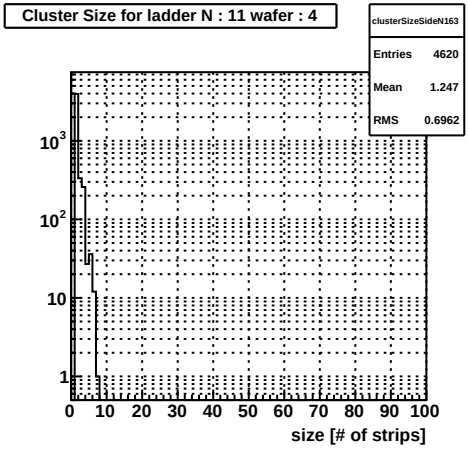

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2041
Mean 1.079
RMS 0.3488
size [# of strips]

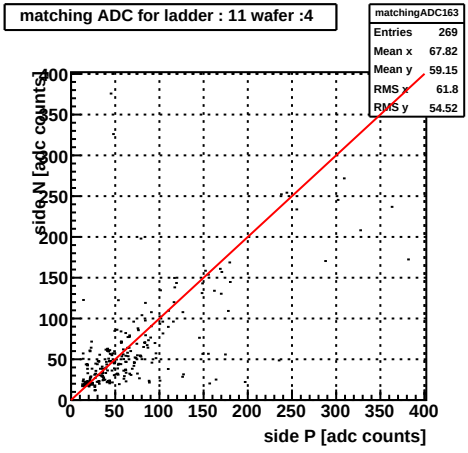

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 242
Mean x 82.77
Mean y 64.22
RMS x 60.71
RMS y 47.28
side N [adc counts]
side P [adc counts]

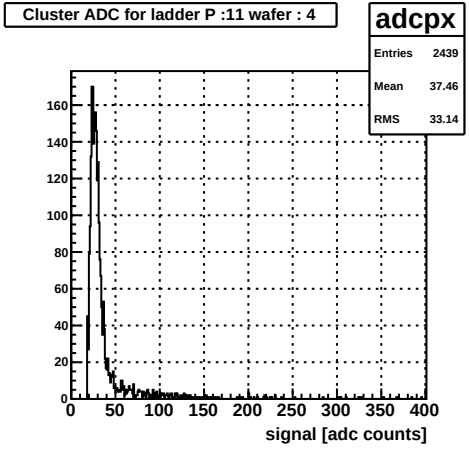

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 478
Mean 75.93
RMS 66.32
signal [adc counts]

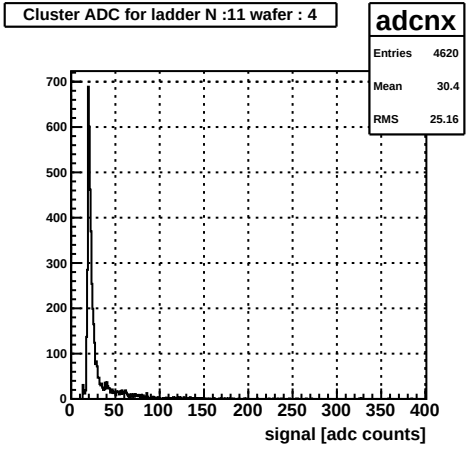

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2041
Mean 27.33
RMS 24.32
signal [adc counts]

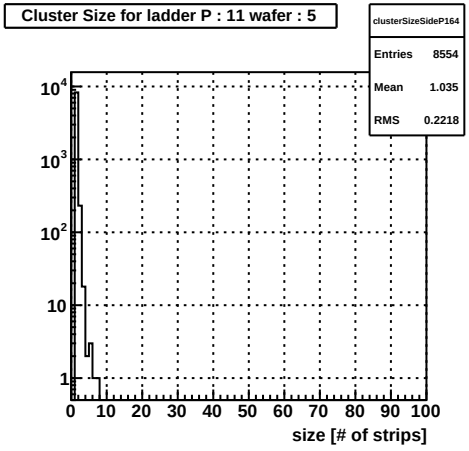

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2439
Mean 1.085
RMS 0.3757
size [# of strips]

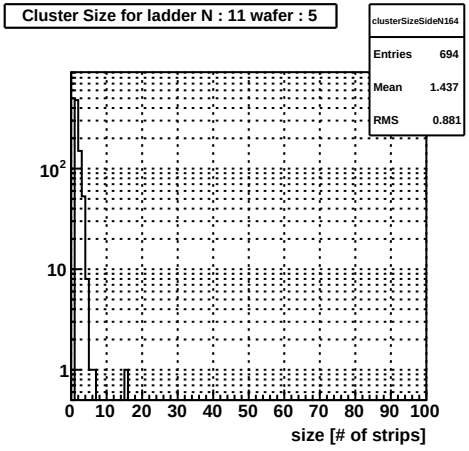

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4620
Mean 1.247
RMS 0.6962
size [# of strips]

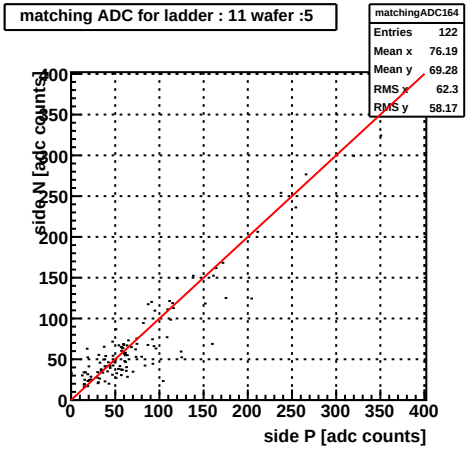

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 269
Mean x 67.82
Mean y 59.15
RMS x 61.8
RMS y 54.52
side N [adc counts]
side P [adc counts]

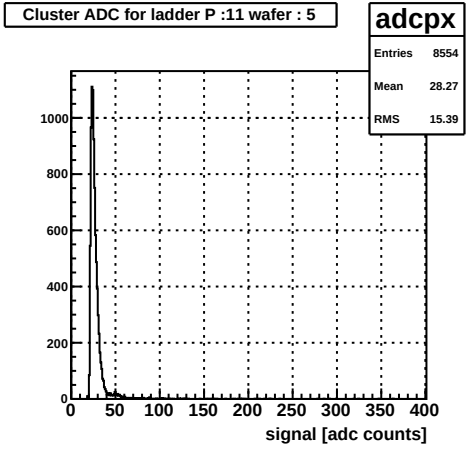

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2439
Mean 37.46
RMS 33.14
signal [adc counts]

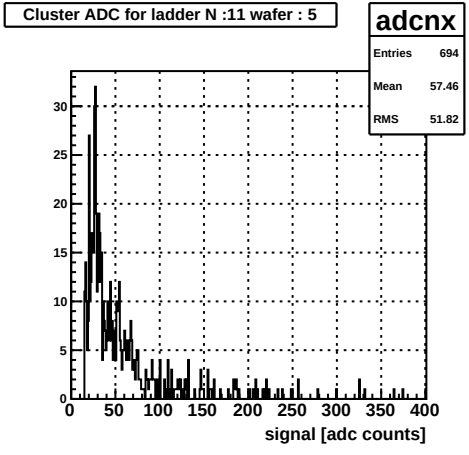

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4620
Mean 30.4
RMS 25.16
signal [adc counts]

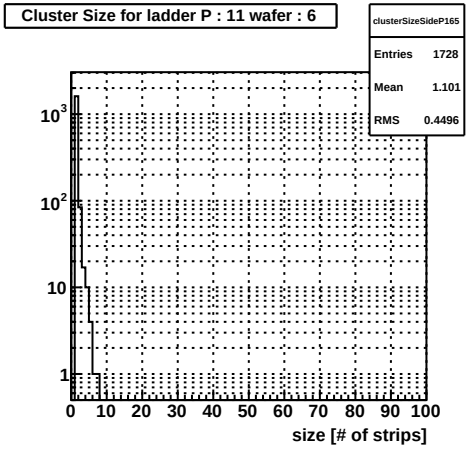

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 8554
Mean 1.035
RMS 0.2218
size [# of strips]

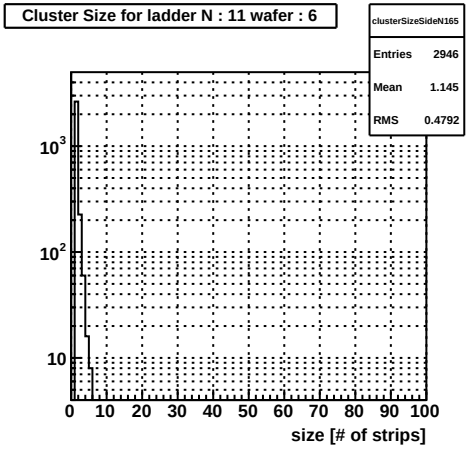

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 694
Mean 1.437
RMS 0.881
size [# of strips]

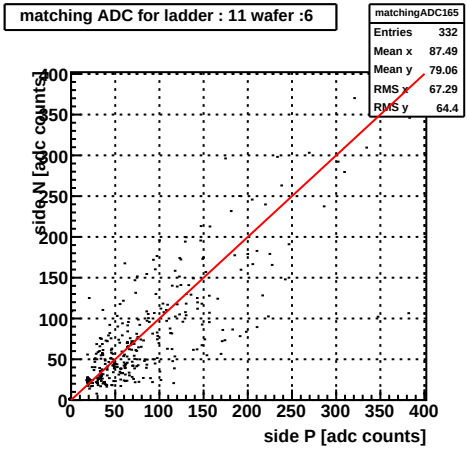

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 122
Mean x 76.19
Mean y 69.28
RMS x 62.3
RMS y 58.17
side N [adc counts]
side P [adc counts]

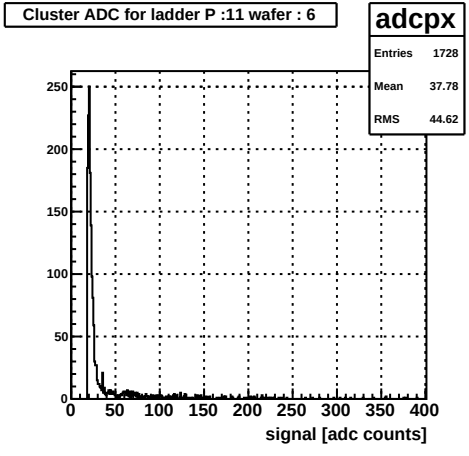

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 8554
Mean 28.27
RMS 15.39
signal [adc counts]

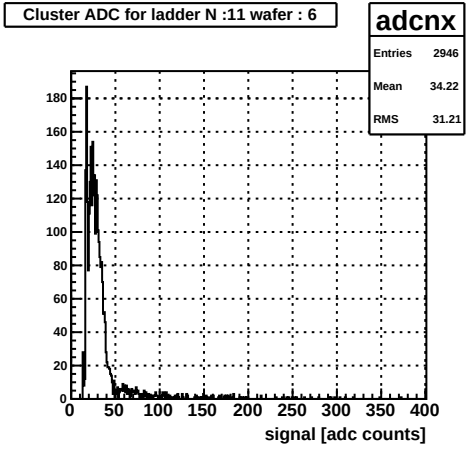

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 694
Mean 57.46
RMS 51.82
signal [adc counts]

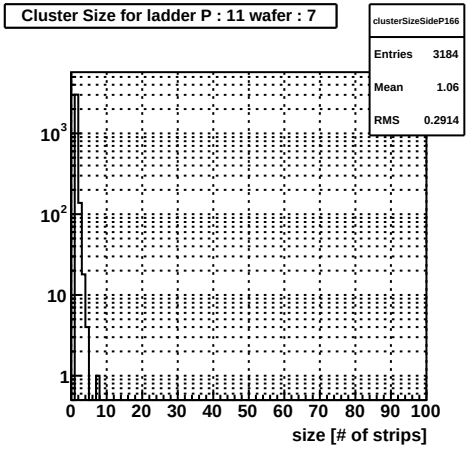

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1728
Mean 1.101
RMS 0.4496
size [# of strips]

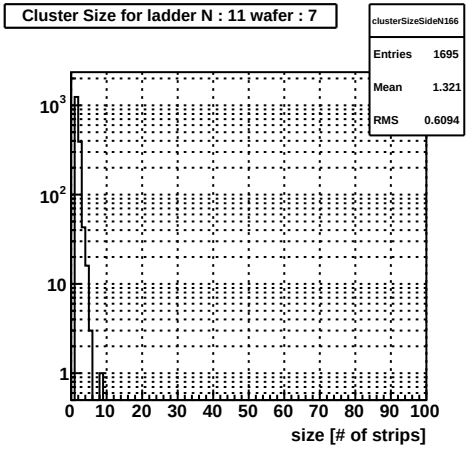

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2946
Mean 1.145
RMS 0.4792
size [# of strips]

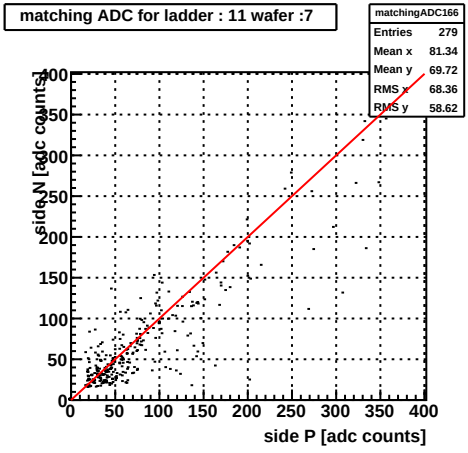

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 332
Mean x 87.49
Mean y 79.06
RMS x 67.29
RMS y 64.4
side N [adc counts]
side P [adc counts]

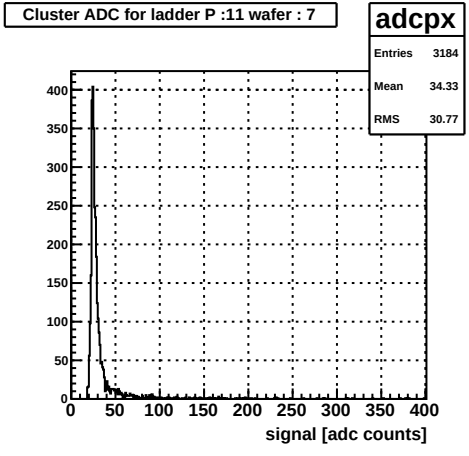

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1728
Mean 37.78
RMS 44.62
signal [adc counts]

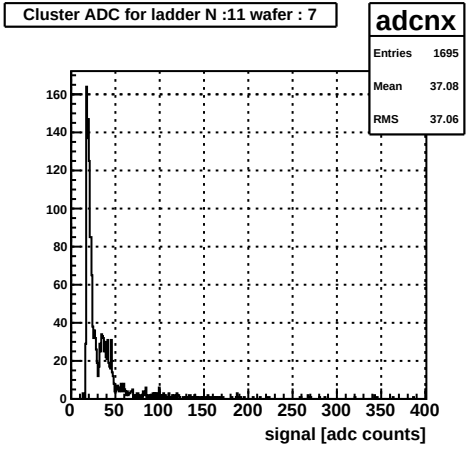

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2946
Mean 34.22
RMS 31.21
signal [adc counts]

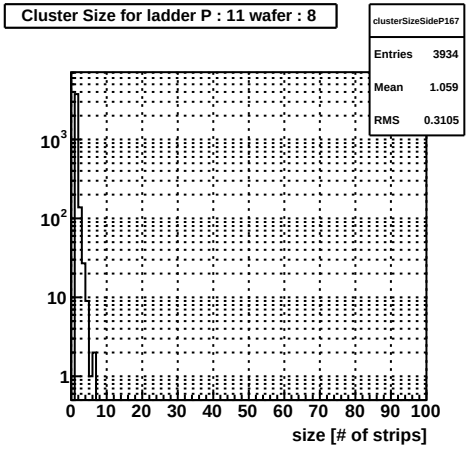

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3184
Mean 1.06
RMS 0.2914
size [# of strips]

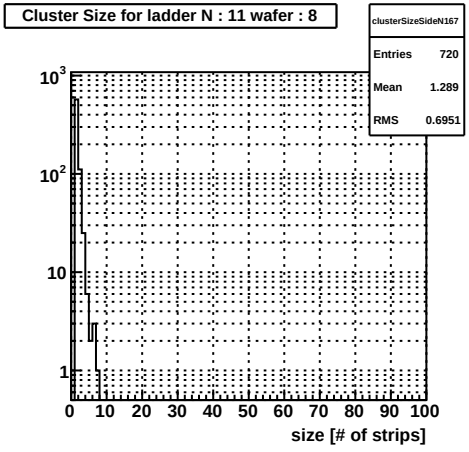

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1695
Mean 1.321
RMS 0.6094
size [# of strips]

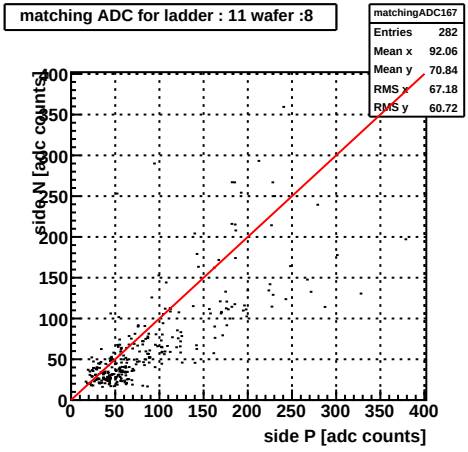

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 279
Mean x 81.34
Mean y 69.72
RMS x 68.36
RMS y 58.62
side N [adc counts]
side P [adc counts]

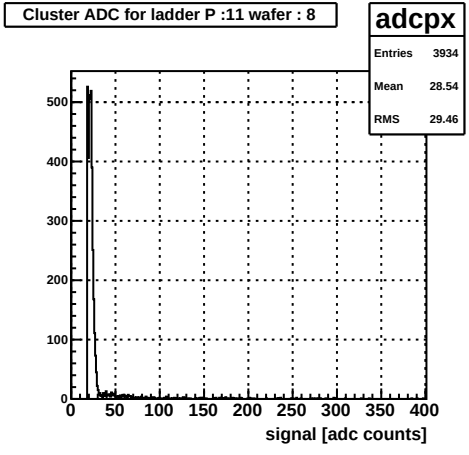

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3184
Mean 34.33
RMS 30.77
signal [adc counts]

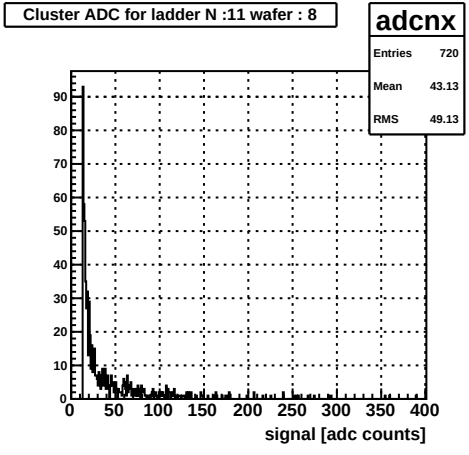

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1695
Mean 37.08
RMS 37.06
signal [adc counts]

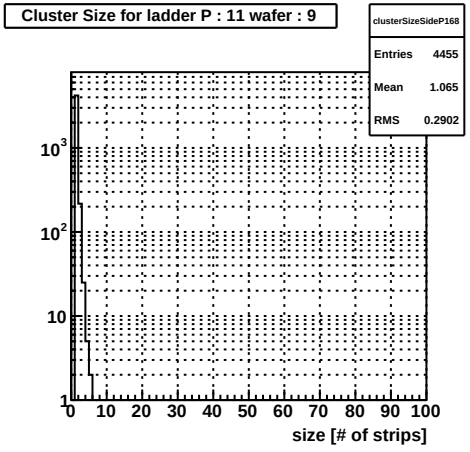

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3934
Mean 1.059
RMS 0.3105
size [# of strips]

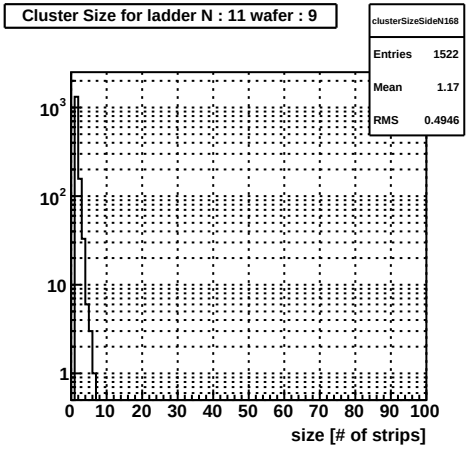

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 720
Mean 1.289
RMS 0.6951
size [# of strips]

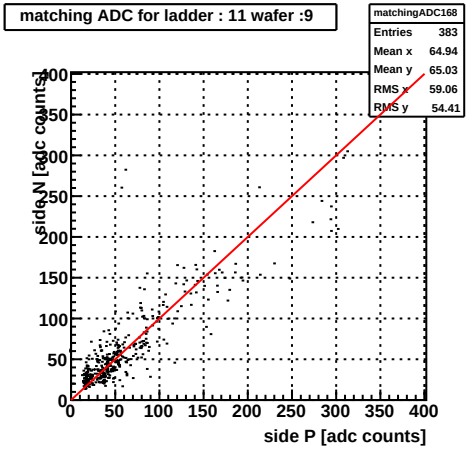

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 282
Mean x 92.06
Mean y 70.84
RMS x 67.18
RMS y 60.72
side N [adc counts]
side P [adc counts]

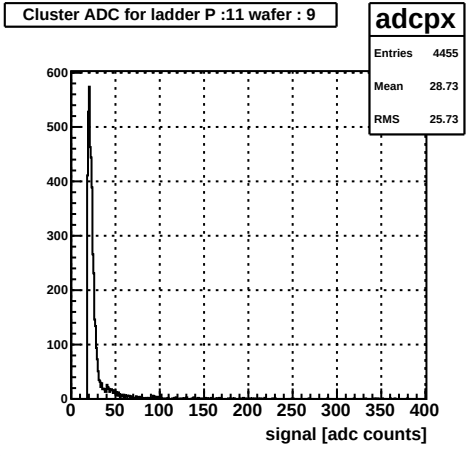

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3934
Mean 28.54
RMS 29.46
signal [adc counts]

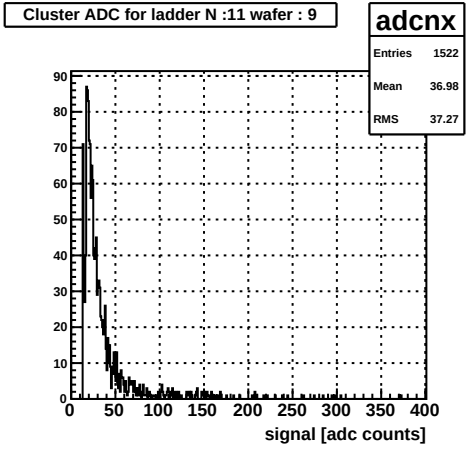

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 720
Mean 43.13
RMS 49.13
signal [adc counts]

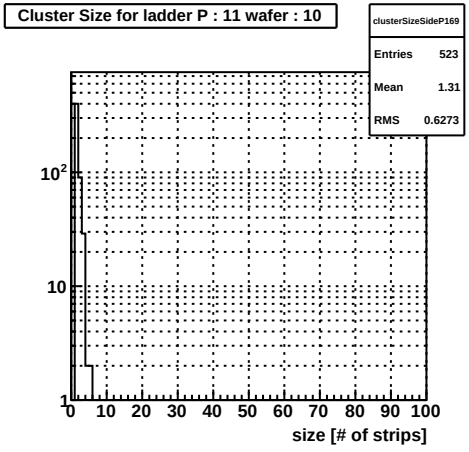

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 4455
Mean 1.065
RMS 0.2902
size [# of strips]

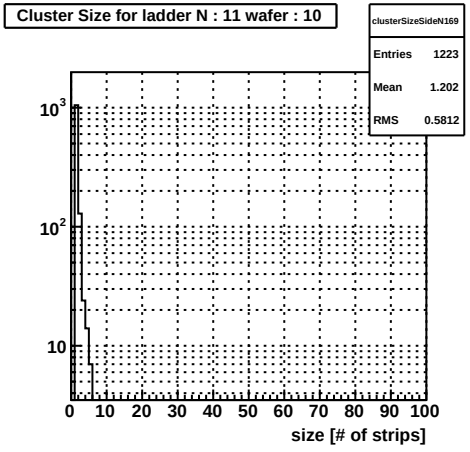

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1522
Mean 1.17
RMS 0.4946
size [# of strips]

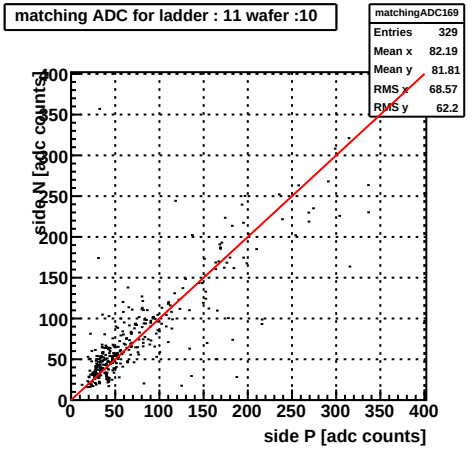

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 383
Mean x 64.94
Mean y 65.03
RMS x 59.06
RMS y 54.41
side N [adc counts]
side P [adc counts]

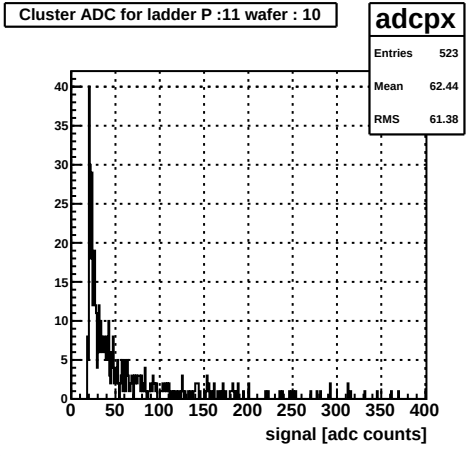

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 4455
Mean 28.73
RMS 25.73
signal [adc counts]

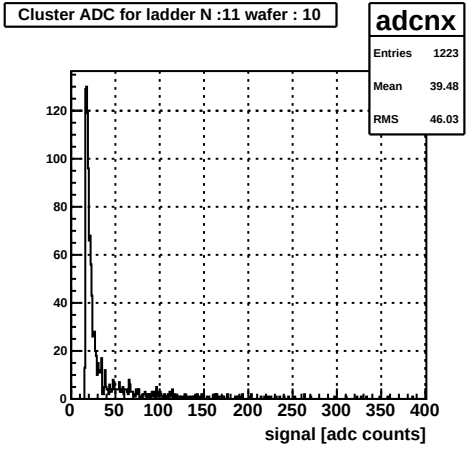

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1522
Mean 36.98
RMS 37.27
signal [adc counts]

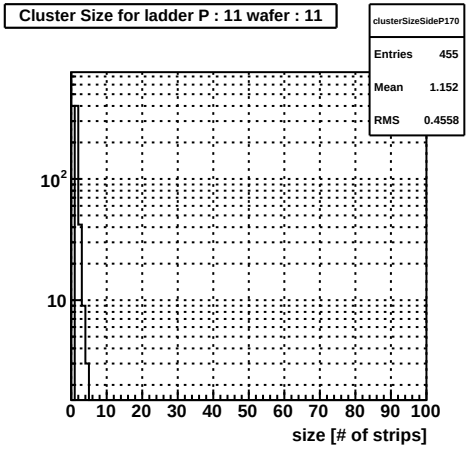

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 523
Mean 1.31
RMS 0.6273
size [# of strips]

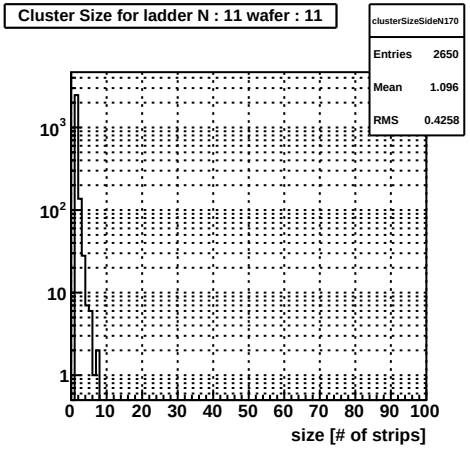

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1223
Mean 1.202
RMS 0.5812
size [# of strips]

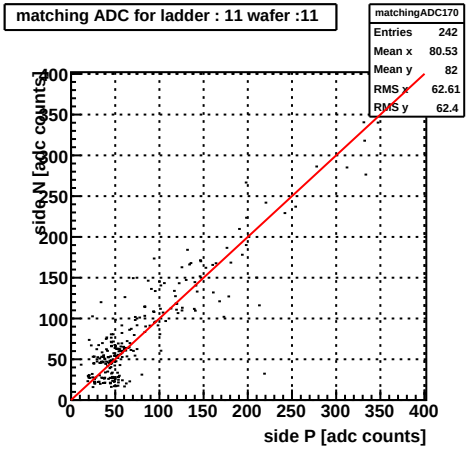

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 329
Mean x 82.19
Mean y 81.81
RMS x 68.57
RMS y 62.2
side N [adc counts]
side P [adc counts]

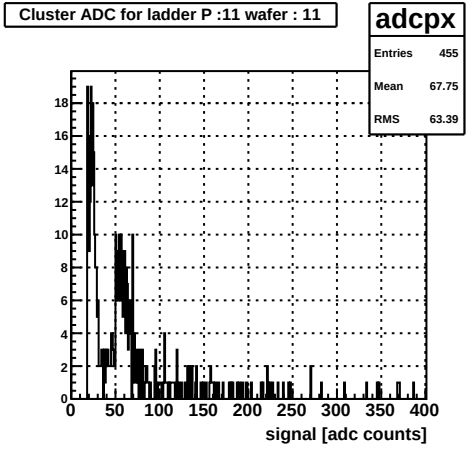

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 523
Mean 62.44
RMS 61.38
signal [adc counts]

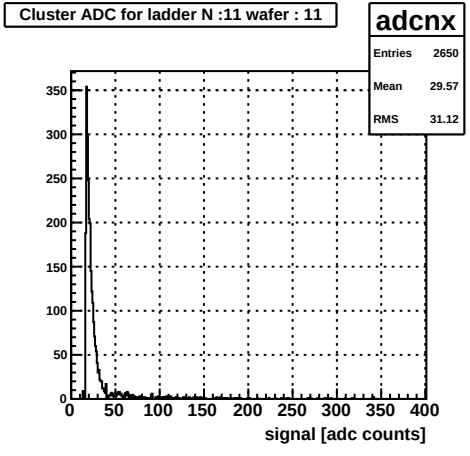

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1223
Mean 39.48
RMS 46.03
signal [adc counts]

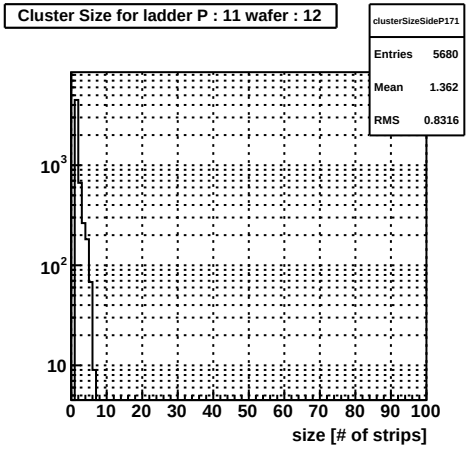

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 455
Mean 1.152
RMS 0.4558
size [# of strips]

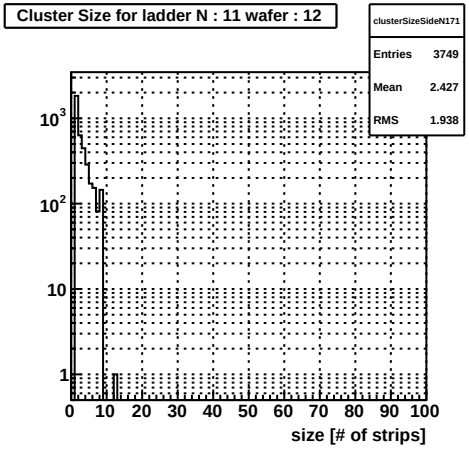

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2650
Mean 1.096
RMS 0.4258
size [# of strips]

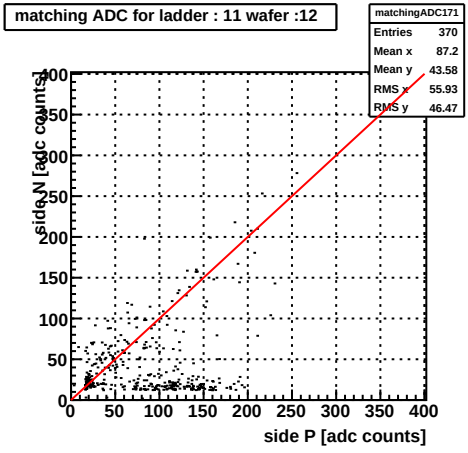

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 242
Mean x 80.53
Mean y 82
RMS x 62.61
RMS y 62.4
side N [adc counts]
side P [adc counts]

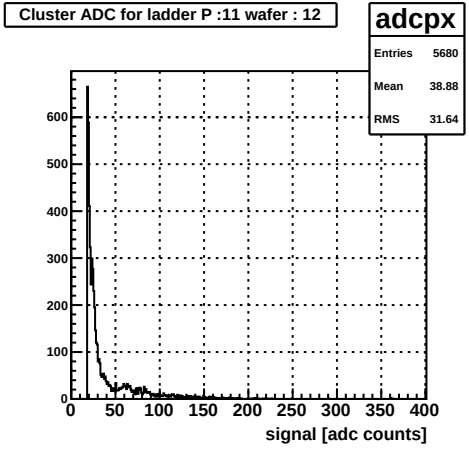

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 455
Mean 67.75
RMS 63.39
signal [adc counts]

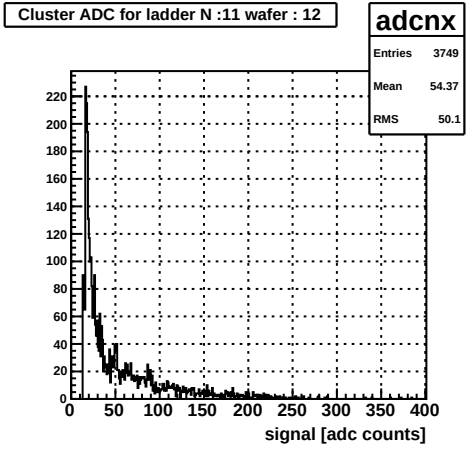

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2650
Mean 29.57
RMS 31.12
signal [adc counts]

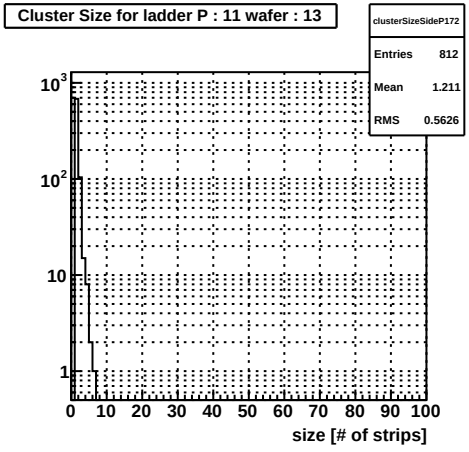

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 5680
Mean 1.362
RMS 0.8316
size [# of strips]

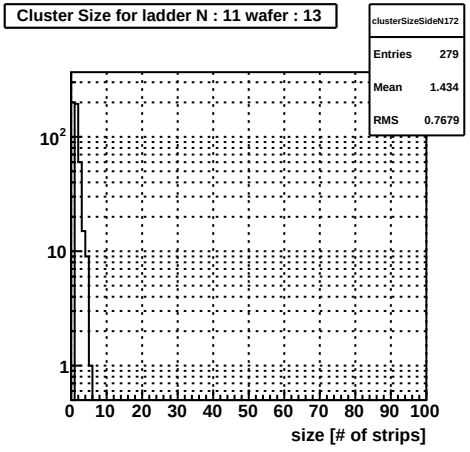

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 3749
Mean 2.427
RMS 1.938
size [# of strips]

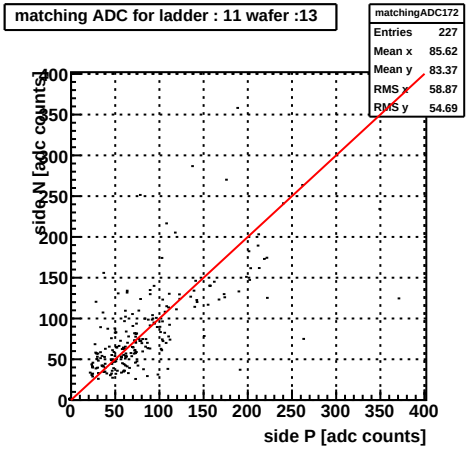

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 370
Mean x 87.2
Mean y 43.58
RMS x 55.93
RMS y 46.47
side N [adc counts]
side P [adc counts]

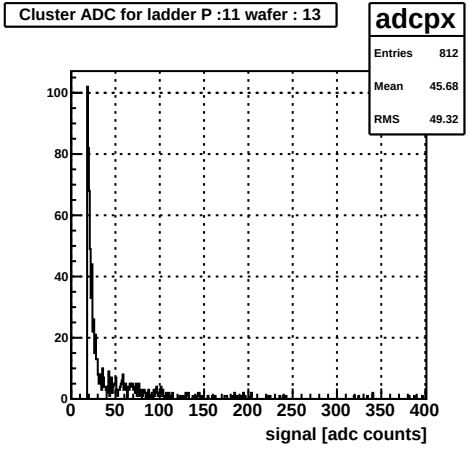

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 5680
Mean 38.88
RMS 31.64
signal [adc counts]

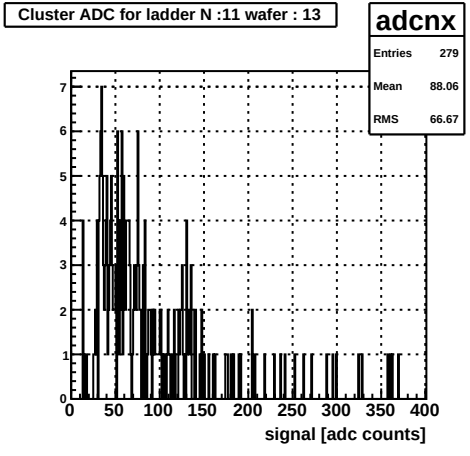

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 3749
Mean 54.37
RMS 50.1
signal [adc counts]

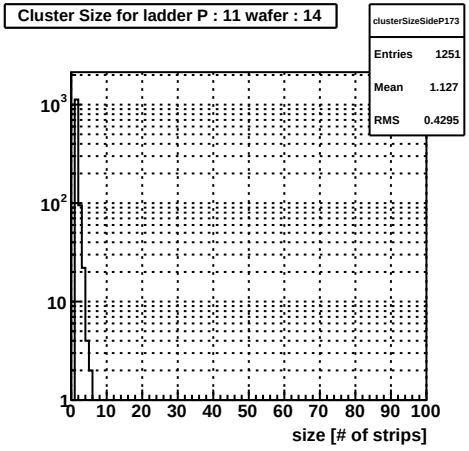

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 812
Mean 1.211
RMS 0.5626
size [# of strips]

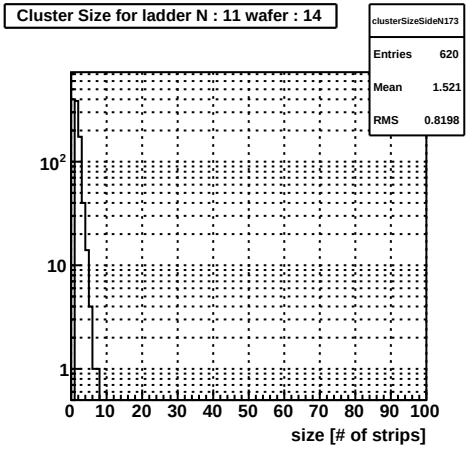

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 279
Mean 1.434
RMS 0.7679
size [# of strips]

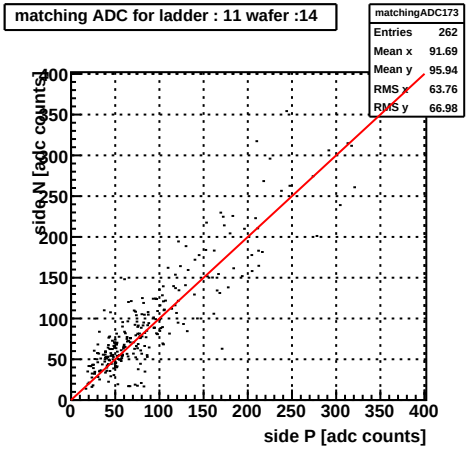

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 227
Mean x 85.62
Mean y 83.37
RMS x 58.87
RMS y 54.69
side N [adc counts]
side P [adc counts]

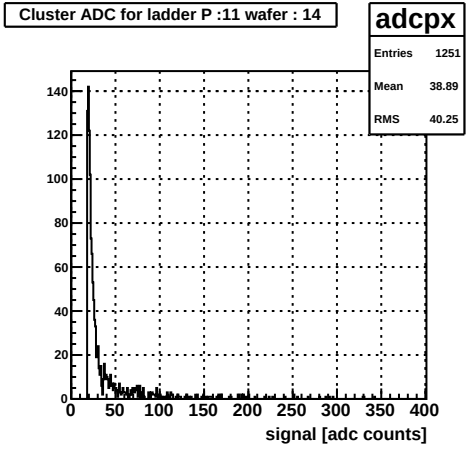

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 812
Mean 45.68
RMS 49.32
signal [adc counts]

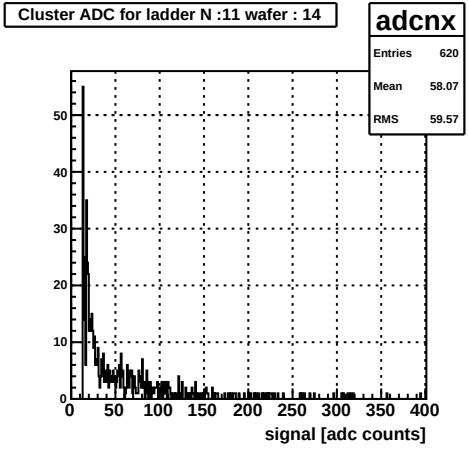

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 279
Mean 88.06
RMS 66.67
signal [adc counts]

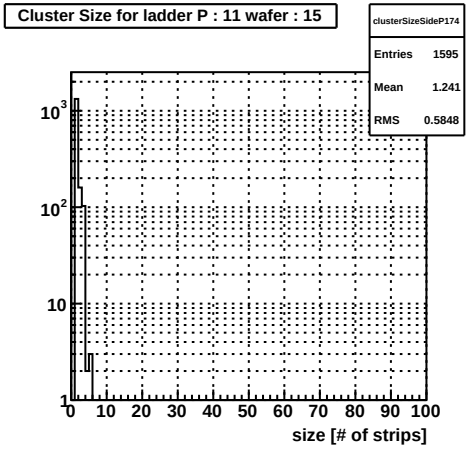

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1251
Mean 1.127
RMS 0.4295
size [# of strips]

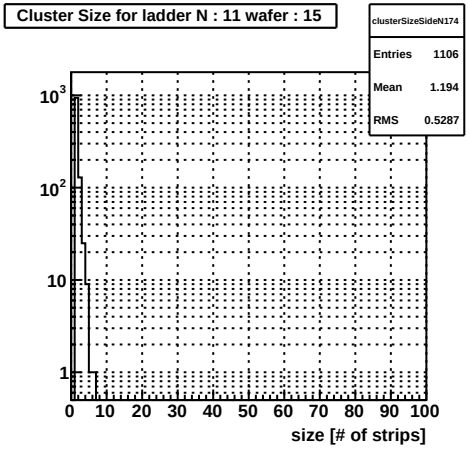

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 620
Mean 1.521
RMS 0.8198
size [# of strips]

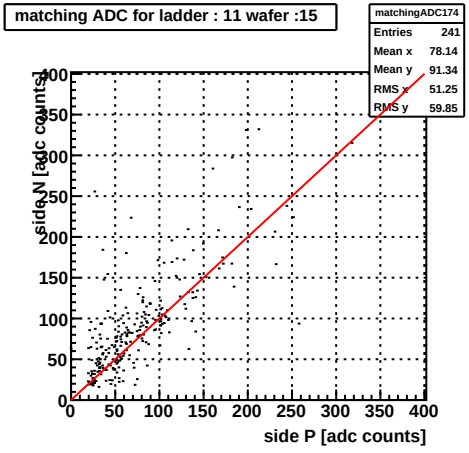

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 262
Mean x 91.69
Mean y 95.94
RMS x 63.76
RMS y 66.98
side N [adc counts]
side P [adc counts]

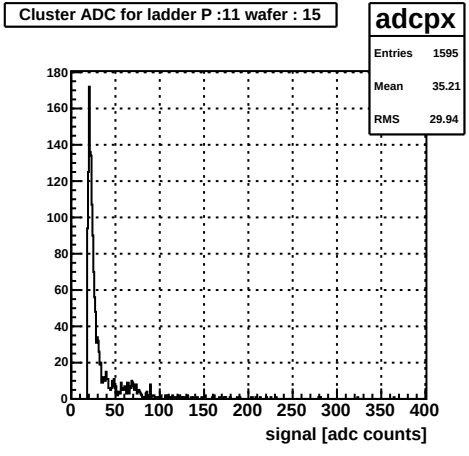

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1251
Mean 38.89
RMS 40.25
signal [adc counts]

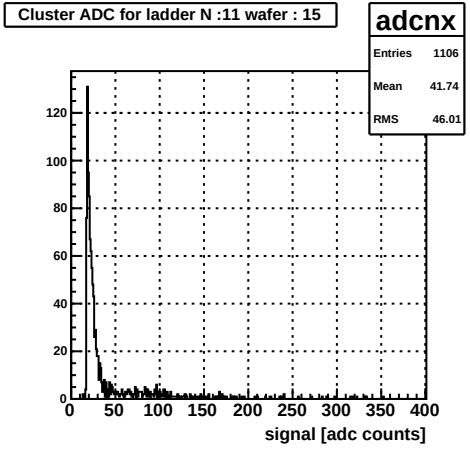

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 620
Mean 58.07
RMS 59.57
signal [adc counts]

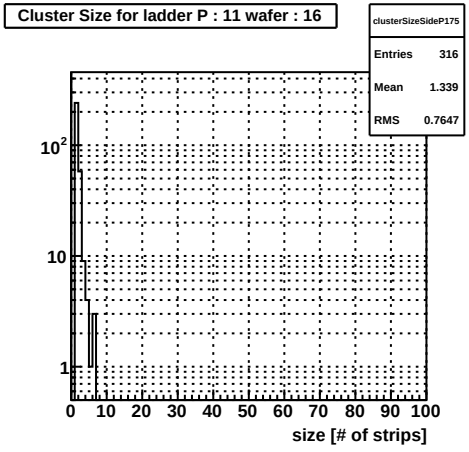

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1595
Mean 1.241
RMS 0.5848
size [# of strips]

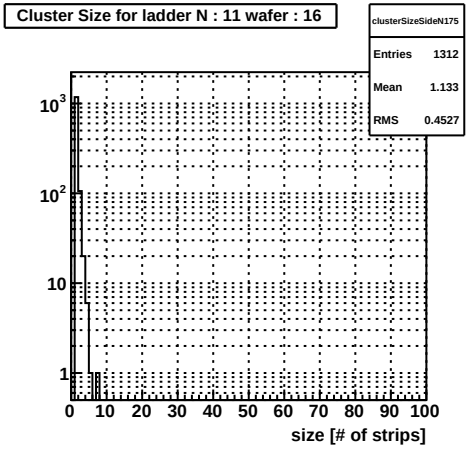

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1106
Mean 1.194
RMS 0.5287
size [# of strips]

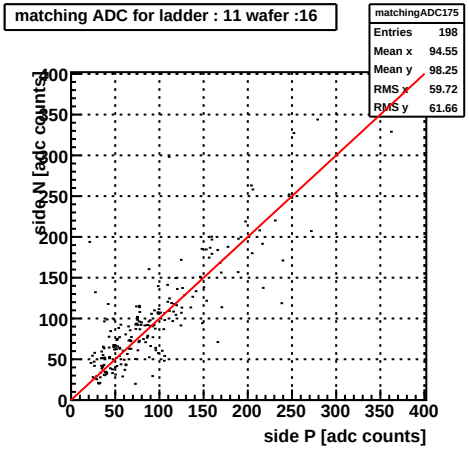

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 241
Mean x 78.14
Mean y 91.34
RMS x 51.25
RMS y 59.85
side N [adc counts]
side P [adc counts]

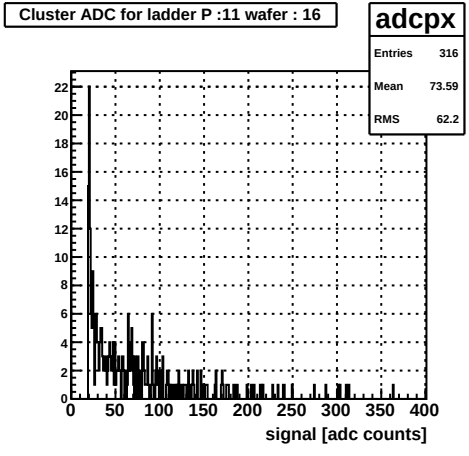

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1595
Mean 35.21
RMS 29.94
signal [adc counts]

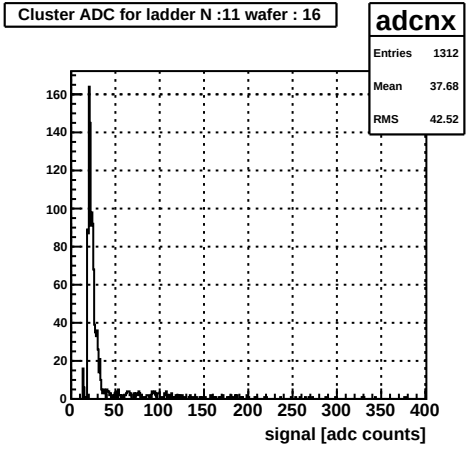

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1106
Mean 41.74
RMS 46.01
signal [adc counts]

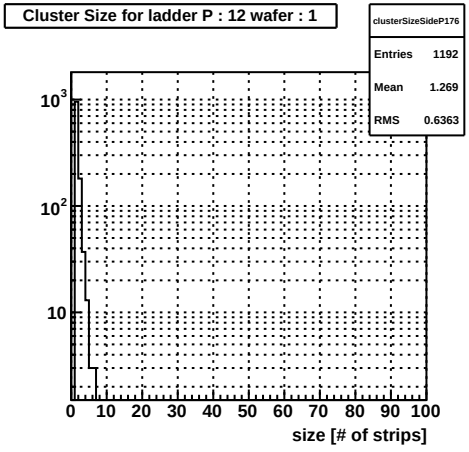

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 316
Mean 1.339
RMS 0.7647
size [# of strips]

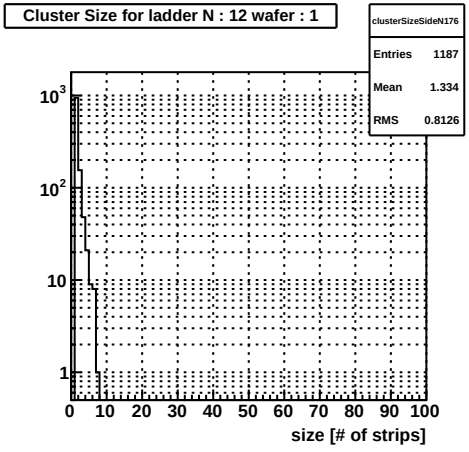

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1312
Mean 1.133
RMS 0.4527
size [# of strips]

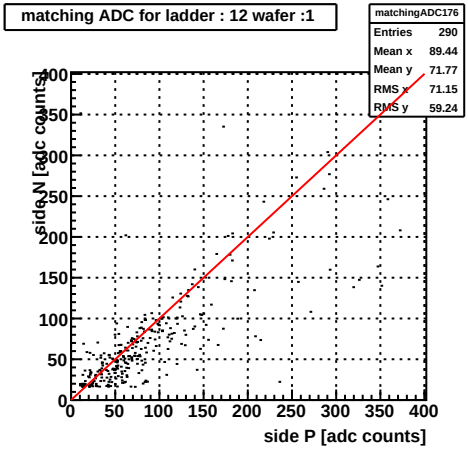

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 198
Mean x 94.55
Mean y 98.25
RMS x 59.72
RMS y 61.66
side N [adc counts]
side P [adc counts]

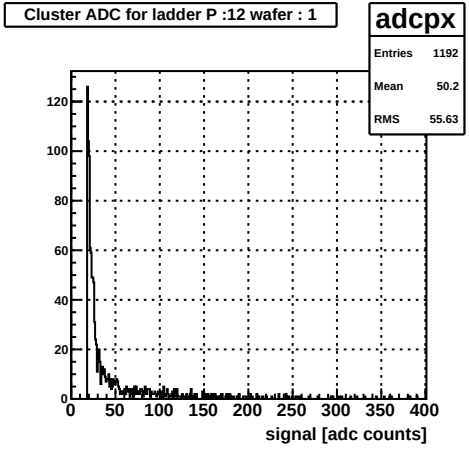

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 316
Mean 73.59
RMS 62.2
signal [adc counts]

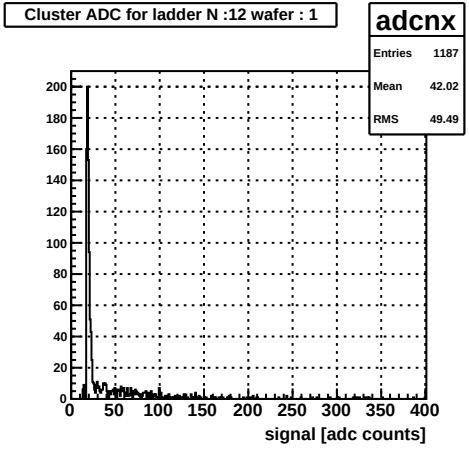

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1312
Mean 37.68
RMS 42.52
signal [adc counts]

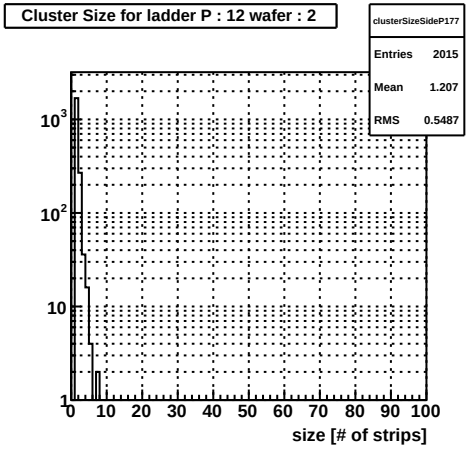

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1192
Mean 1.269
RMS 0.6363
size [# of strips]

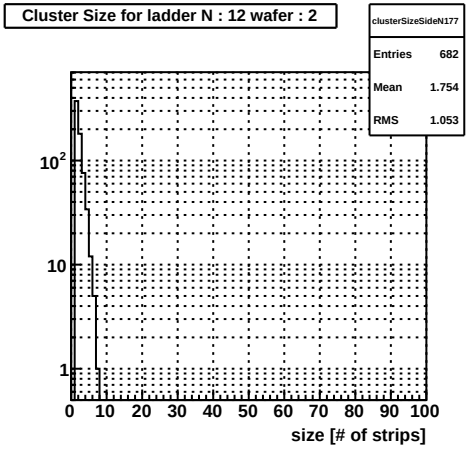

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1187
Mean 1.334
RMS 0.8126
size [# of strips]

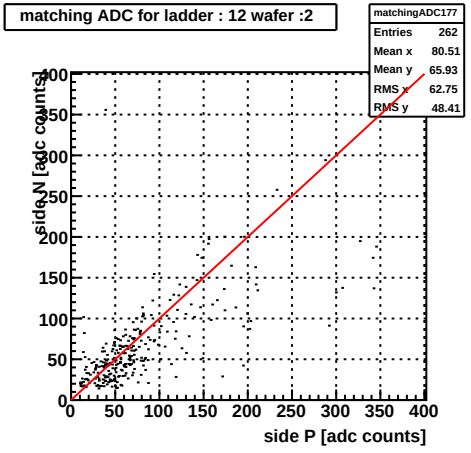

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 290
Mean x 89.44
Mean y 71.77
RMS x 71.15
RMS y 59.24
side N [adc counts]
side P [adc counts]

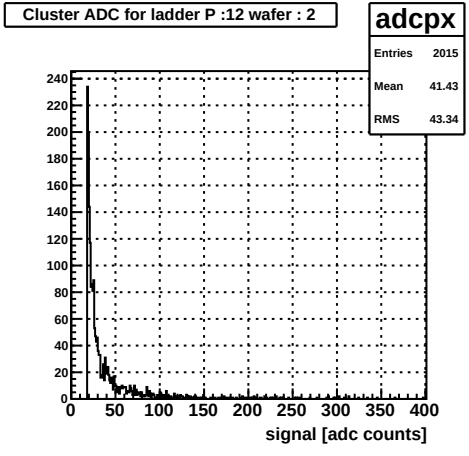

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1192
Mean 50.2
RMS 55.63
signal [adc counts]

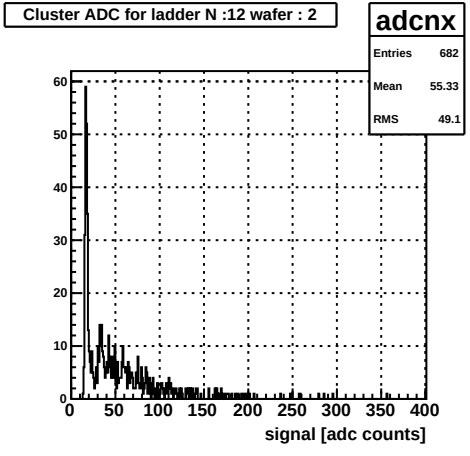

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1187
Mean 42.02
RMS 49.49
signal [adc counts]

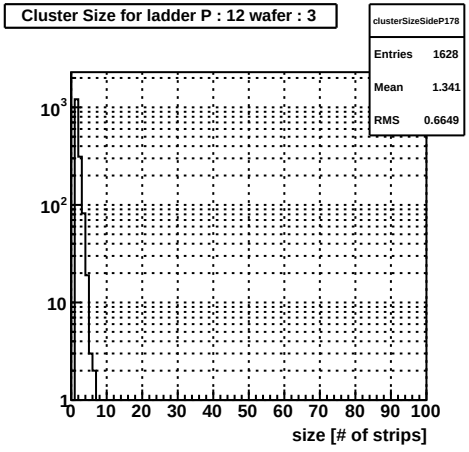

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2015
Mean 1.207
RMS 0.5487
size [# of strips]

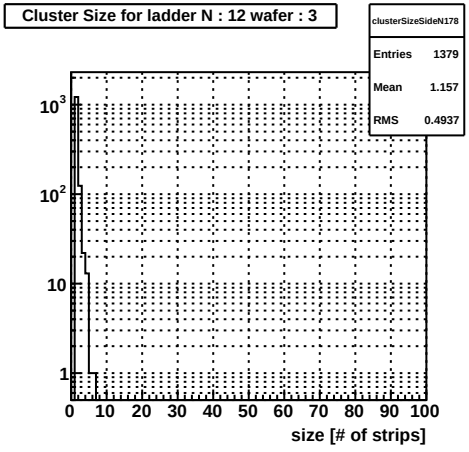

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 682
Mean 1.754
RMS 1.053
size [# of strips]

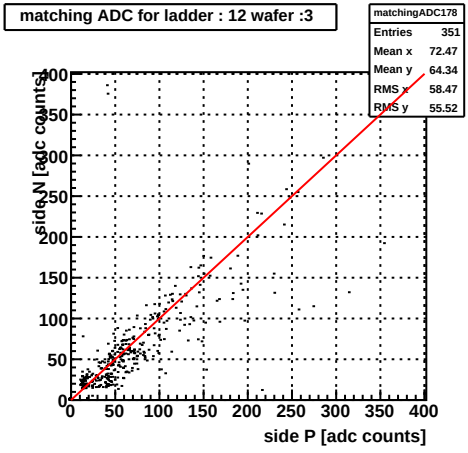

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 262
Mean x 80.51
Mean y 65.93
RMS x 62.75
RMS y 48.41
side N [adc counts]
side P [adc counts]

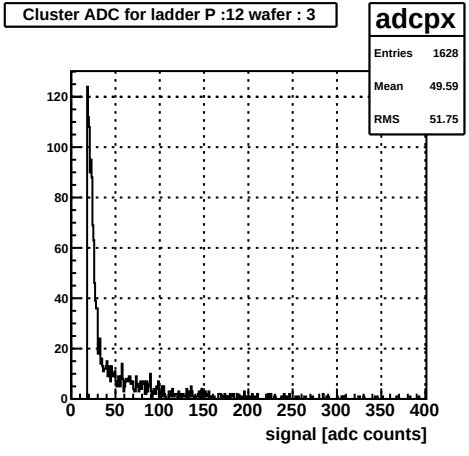

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2015
Mean 41.43
RMS 43.34
signal [adc counts]

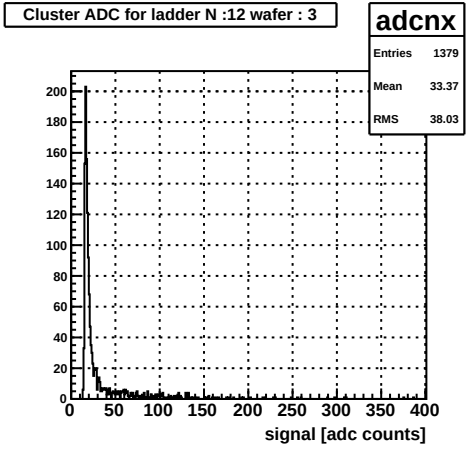

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 682
Mean 55.33
RMS 49.1
signal [adc counts]

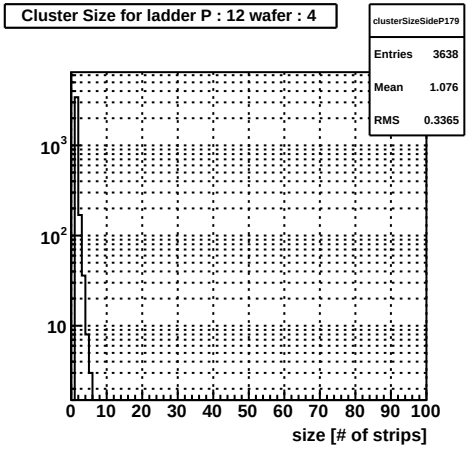

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1628
Mean 1.341
RMS 0.6649
size [# of strips]

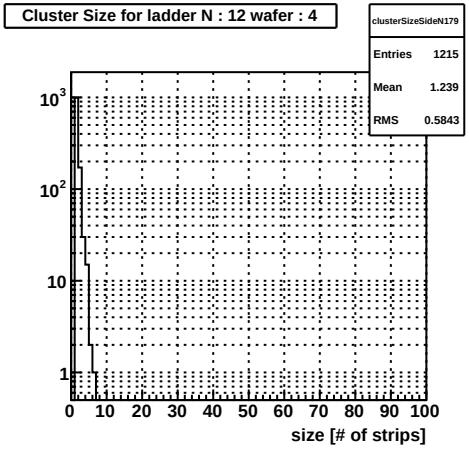

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1379
Mean 1.157
RMS 0.4937
size [# of strips]

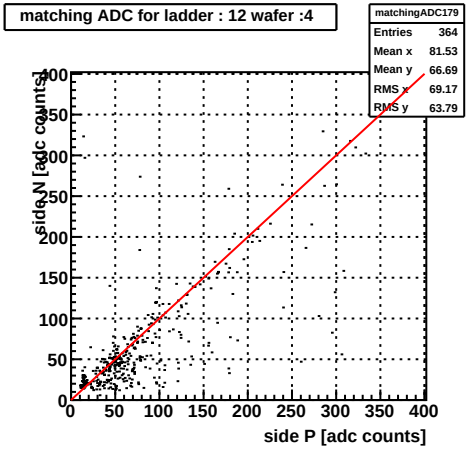

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 351
Mean x 72.47
Mean y 64.34
RMS x 58.47
RMS y 55.52
side N [adc counts]
side P [adc counts]

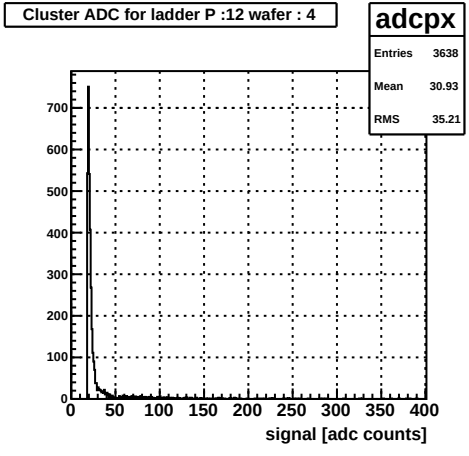

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1628
Mean 49.59
RMS 51.75
signal [adc counts]

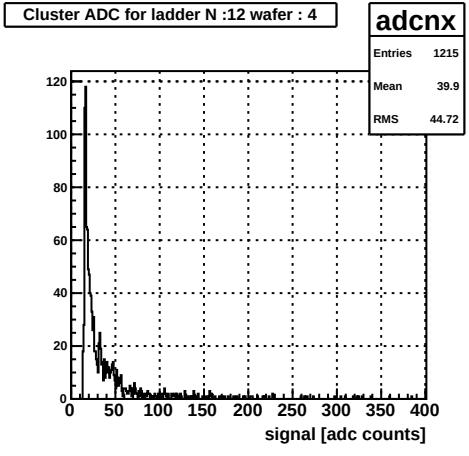

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1379
Mean 33.37
RMS 38.03
signal [adc counts]

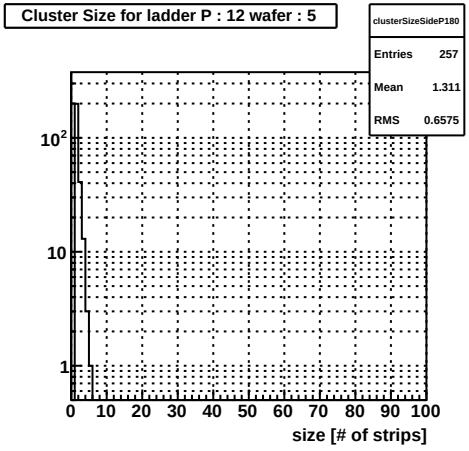

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3638
Mean 1.076
RMS 0.3365
size [# of strips]

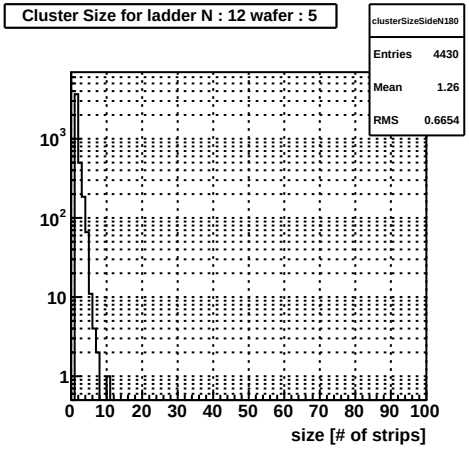

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1215
Mean 1.239
RMS 0.5843
size [# of strips]

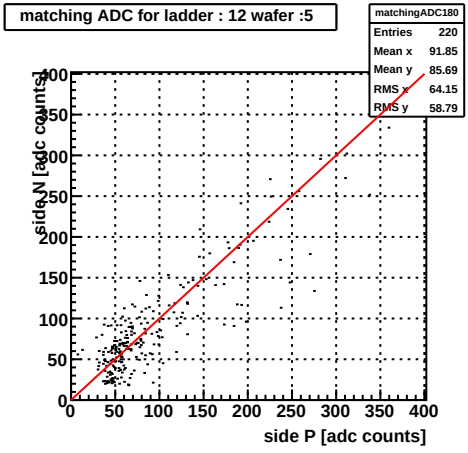

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 364
Mean x 81.53
Mean y 66.69
RMS x 69.17
RMS y 63.79
side N [adc counts]
side P [adc counts]

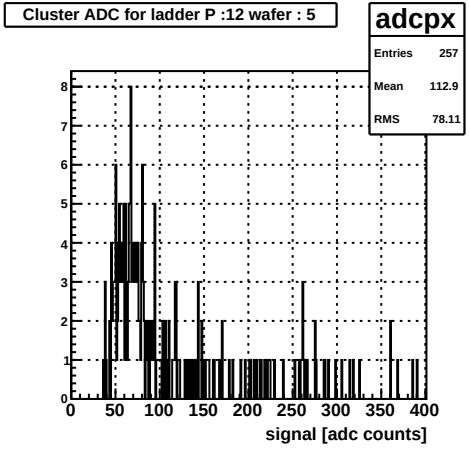

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3638
Mean 30.93
RMS 35.21
signal [adc counts]

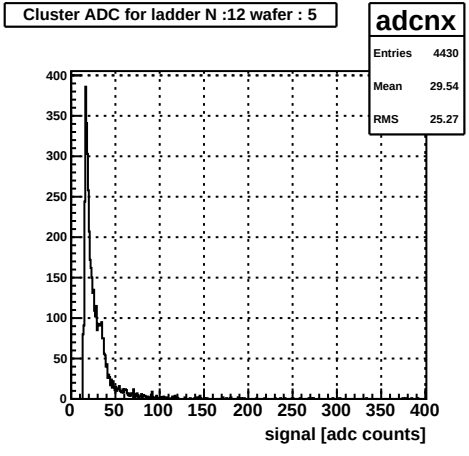

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1215
Mean 39.9
RMS 44.72
signal [adc counts]

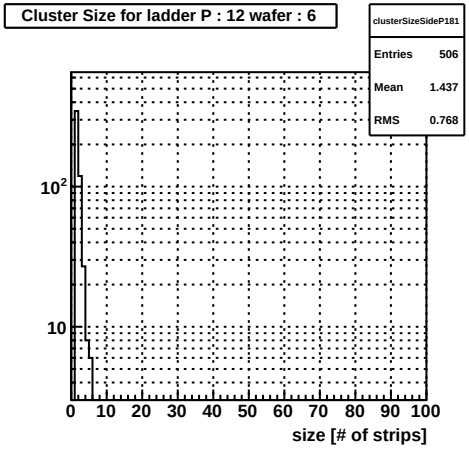

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 257
Mean 1.311
RMS 0.6575
size [# of strips]

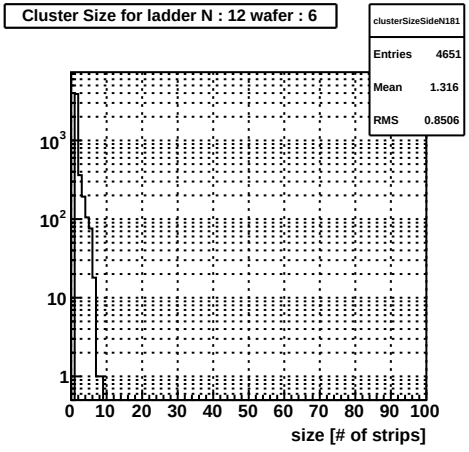

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4430
Mean 1.26
RMS 0.6654
size [# of strips]

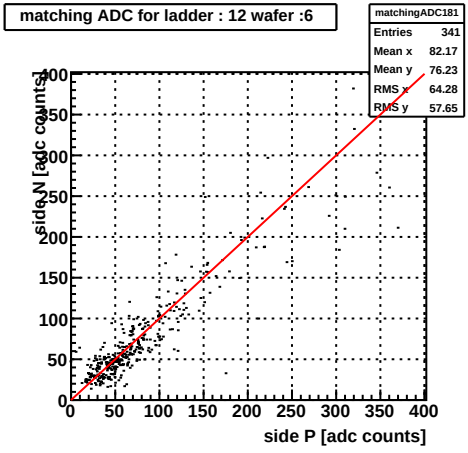

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 220
Mean x 91.85
Mean y 85.69
RMS x 64.15
RMS y 58.79
side N [adc counts]
side P [adc counts]

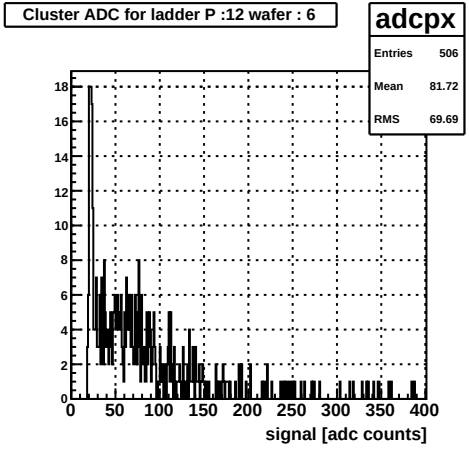

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 257
Mean 112.9
RMS 78.11
signal [adc counts]

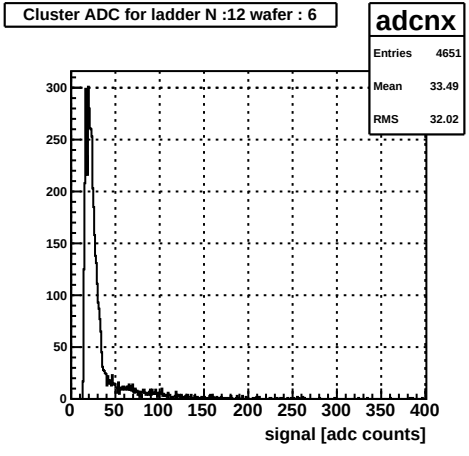

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4430
Mean 29.54
RMS 25.27
signal [adc counts]

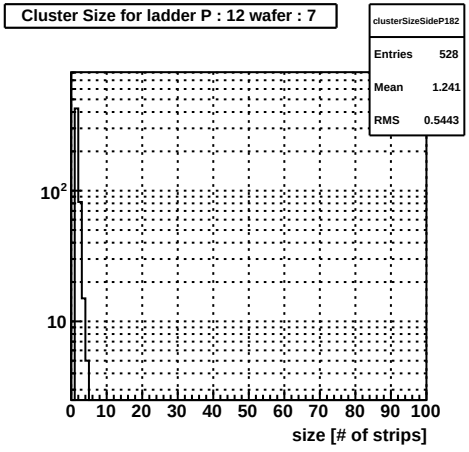

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 506
Mean 1.437
RMS 0.768
size [# of strips]

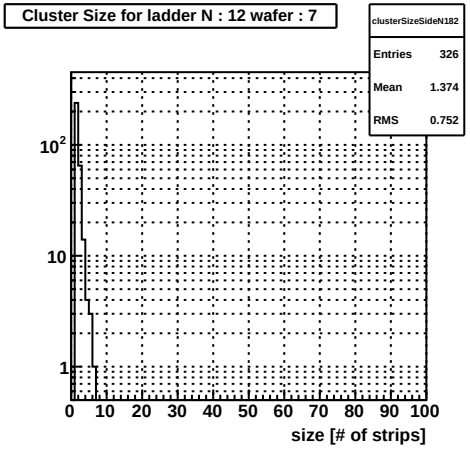

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4651
Mean 1.316
RMS 0.8506
size [# of strips]

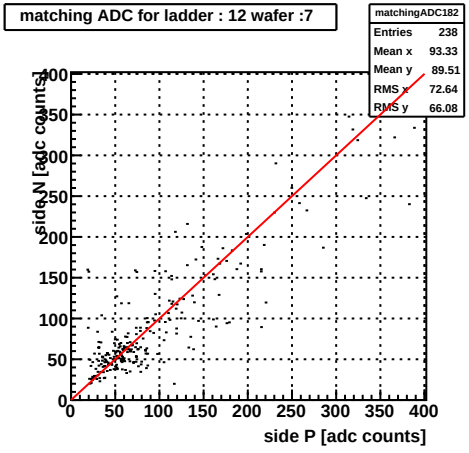

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 341
Mean x 82.17
Mean y 76.23
RMS x 64.28
RMS y 57.65
side N [adc counts]
side P [adc counts]

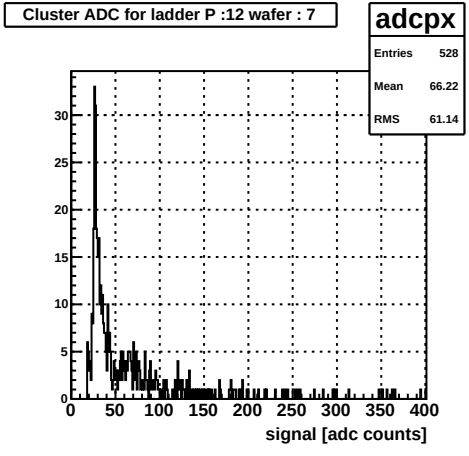

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 506
Mean 81.72
RMS 69.69
signal [adc counts]

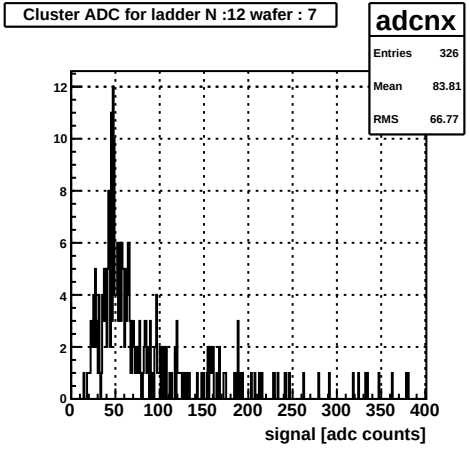

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4651
Mean 33.49
RMS 32.02
signal [adc counts]

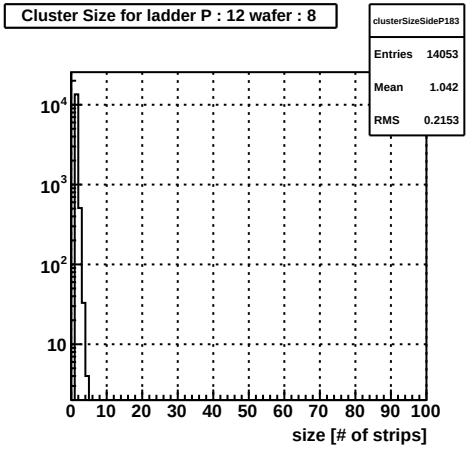

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 528
Mean 1.241
RMS 0.5443
size [# of strips]

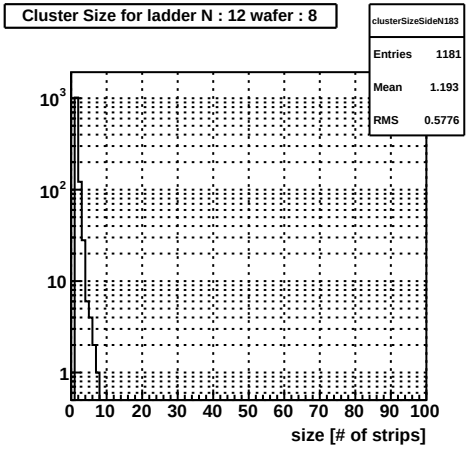

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 326
Mean 1.374
RMS 0.752
size [# of strips]

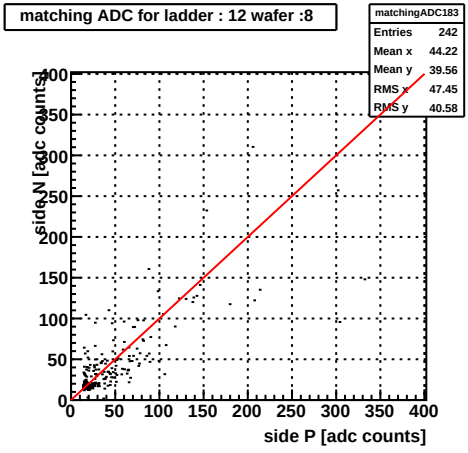

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 238
Mean x 93.33
Mean y 89.51
RMS x 72.64
RMS y 66.08
side N [adc counts]
side P [adc counts]

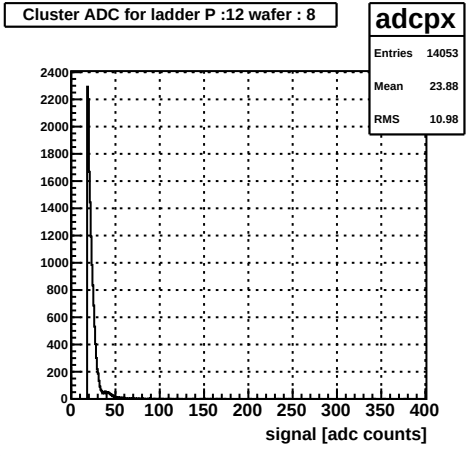

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 528
Mean 66.22
RMS 61.14
signal [adc counts]

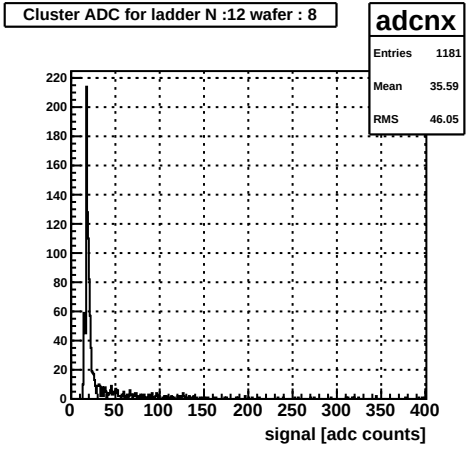

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 326
Mean 83.81
RMS 66.77
signal [adc counts]

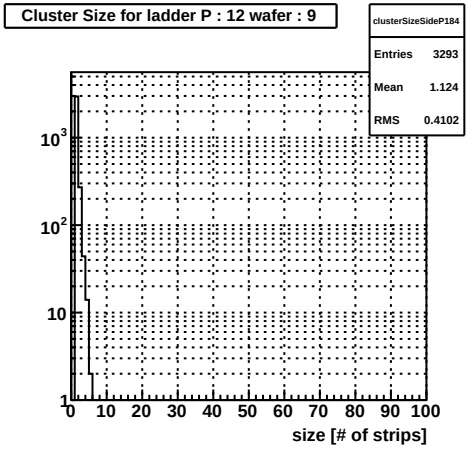

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 14053
Mean 1.042
RMS 0.2153
size [# of strips]

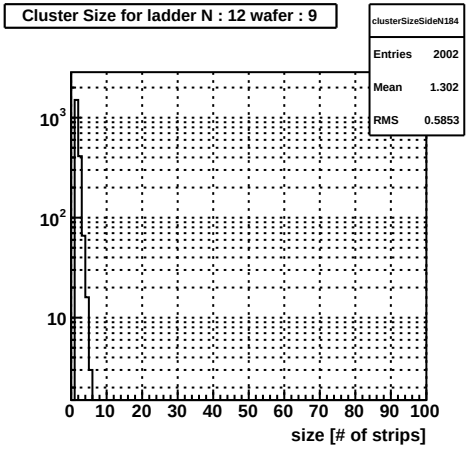

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1181
Mean 1.193
RMS 0.5776
size [# of strips]

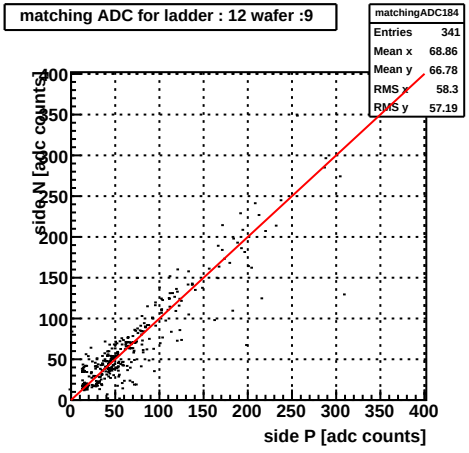

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 242
Mean x 44.22
Mean y 39.56
RMS x 47.45
RMS y 40.58
side N [adc counts]
side P [adc counts]

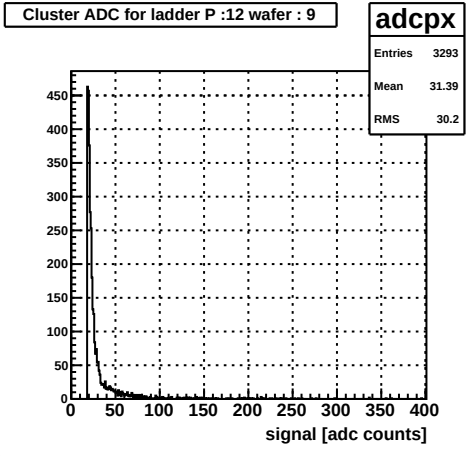

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 14053
Mean 23.88
RMS 10.98
signal [adc counts]

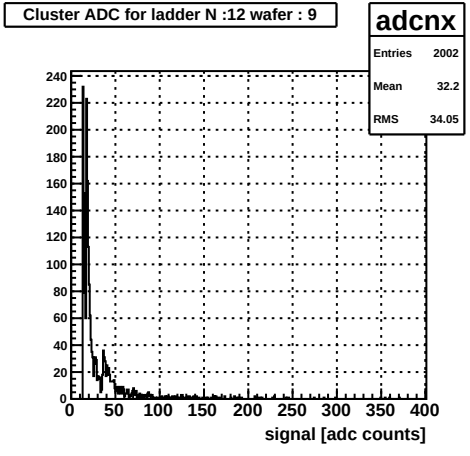

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1181
Mean 35.59
RMS 46.05
signal [adc counts]

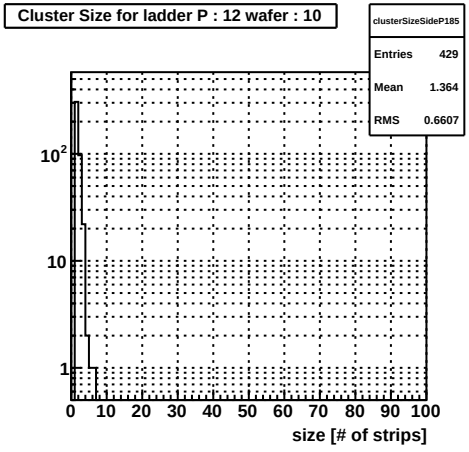

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3293
Mean 1.124
RMS 0.4102
size [# of strips]

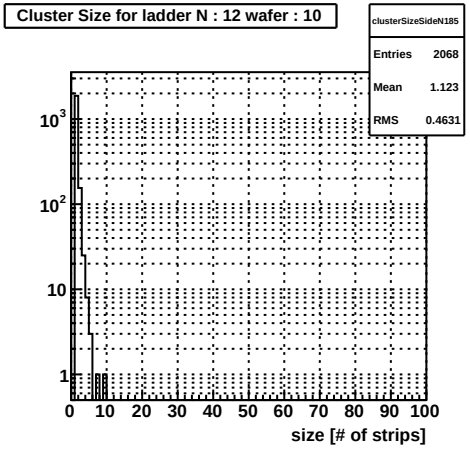

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2002
Mean 1.302
RMS 0.5853
size [# of strips]

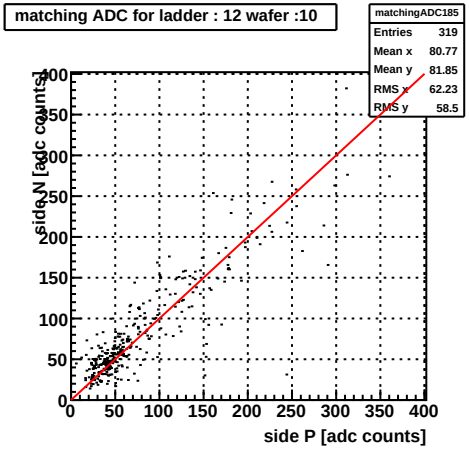

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 341
Mean x 68.86
Mean y 66.78
RMS x 58.3
RMS y 57.19
side N [adc counts]
side P [adc counts]

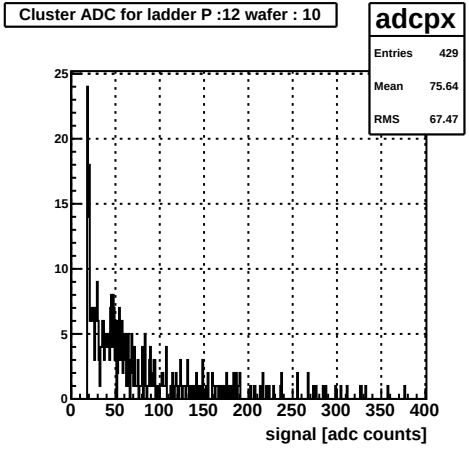

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3293
Mean 31.39
RMS 30.2
signal [adc counts]

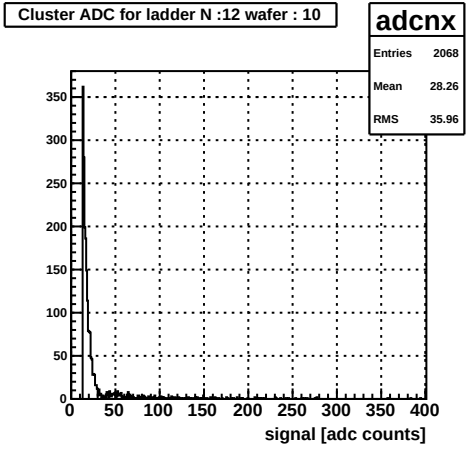

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2002
Mean 32.2
RMS 34.05
signal [adc counts]

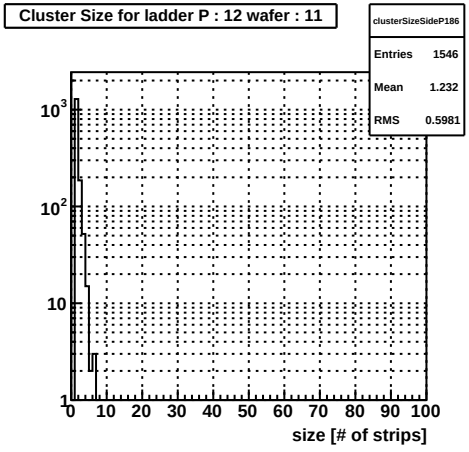

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 429
Mean 1.364
RMS 0.6607
size [# of strips]

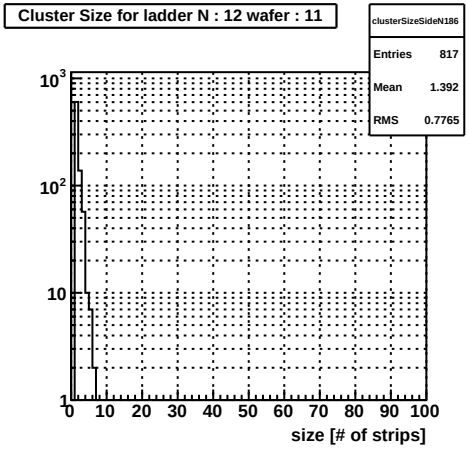

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2068
Mean 1.123
RMS 0.4631
size [# of strips]

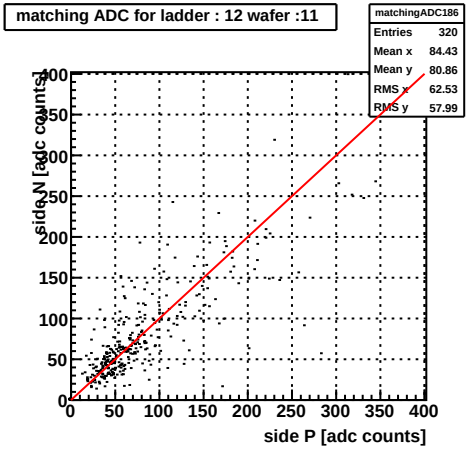

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 319
Mean x 80.77
Mean y 81.85
RMS x 62.23
RMS y 58.5
side N [adc counts]
side P [adc counts]

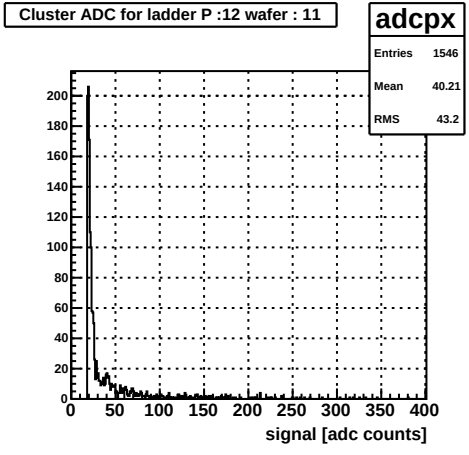

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 429
Mean 75.64
RMS 67.47
signal [adc counts]

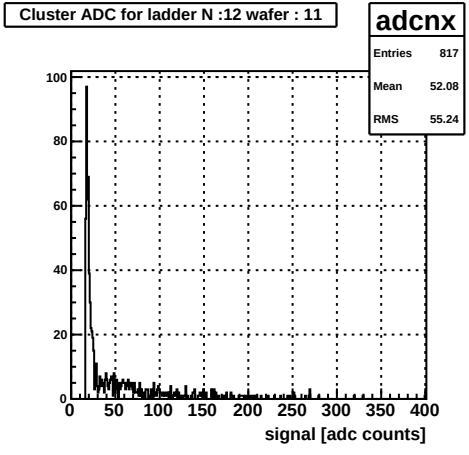

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2068
Mean 28.26
RMS 35.96
signal [adc counts]

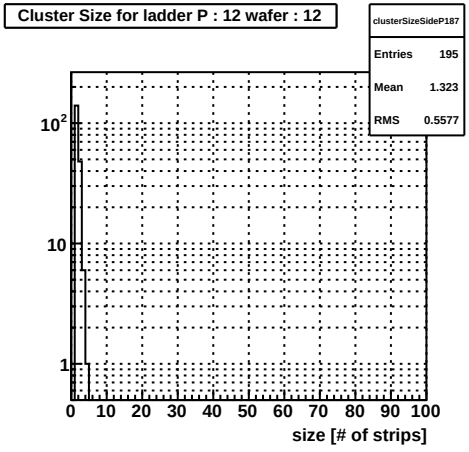

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1546
Mean 1.232
RMS 0.5981
size [# of strips]

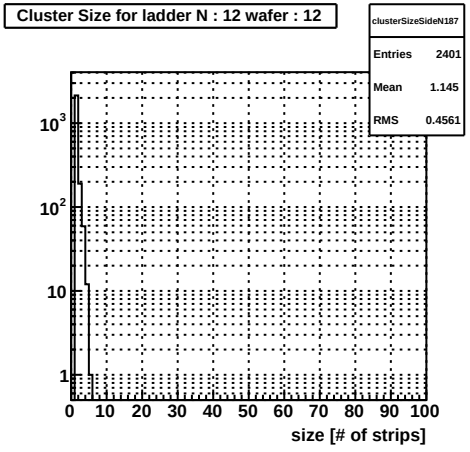

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 817
Mean 1.392
RMS 0.7765
size [# of strips]

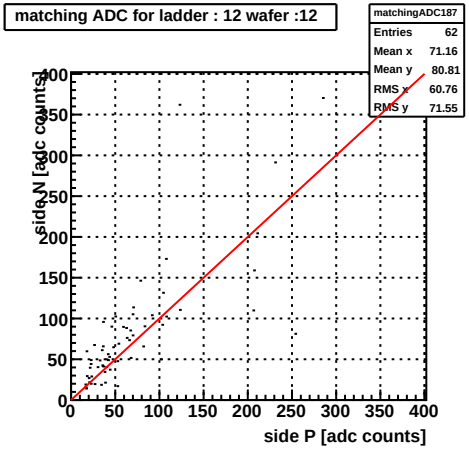

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 320
Mean x 84.43
Mean y 80.86
RMS x 62.53
RMS y 57.99
side N [adc counts]
side P [adc counts]

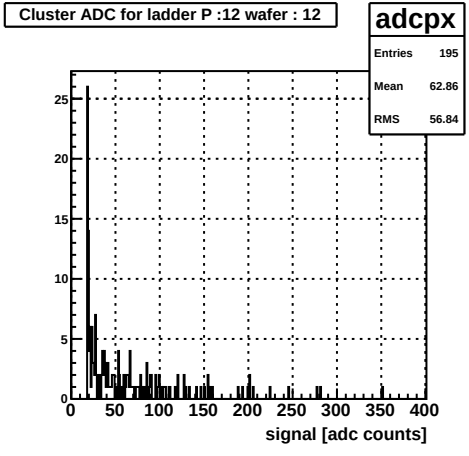

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1546
Mean 40.21
RMS 43.2
signal [adc counts]

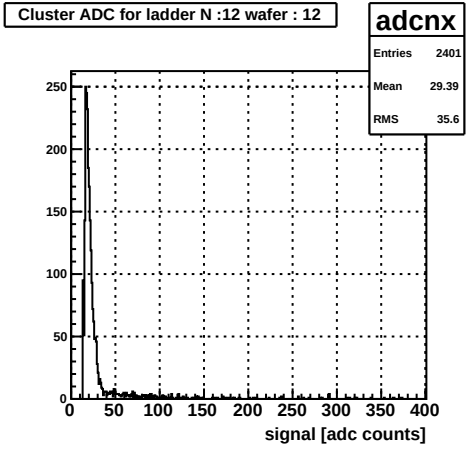

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 817
Mean 52.08
RMS 55.24
signal [adc counts]

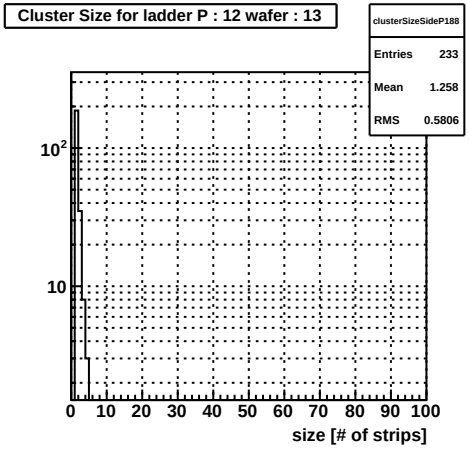

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 195
Mean 1.323
RMS 0.5577
size [# of strips]

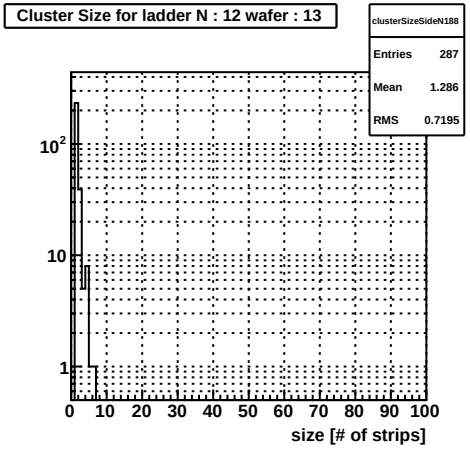

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2401
Mean 1.145
RMS 0.4561
size [# of strips]

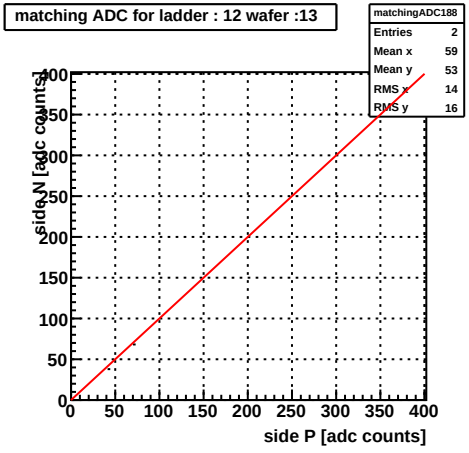

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 62
Mean x 71.16
Mean y 80.81
RMS x 60.76
RMS y 71.55
side N [adc counts]
side P [adc counts]

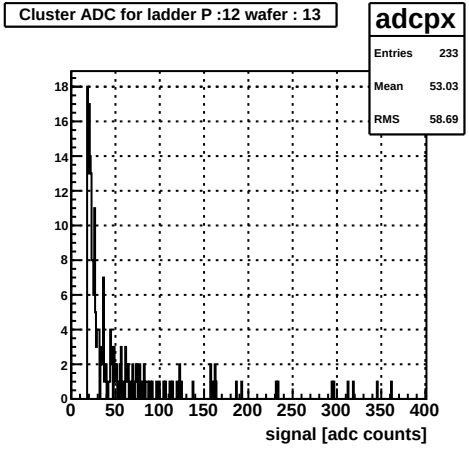

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 195
Mean 62.86
RMS 56.84
signal [adc counts]

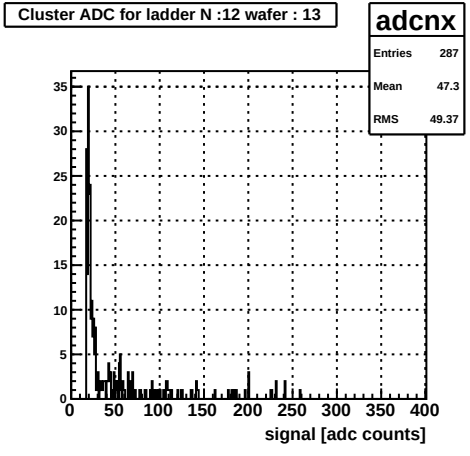

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2401
Mean 29.39
RMS 35.6
signal [adc counts]

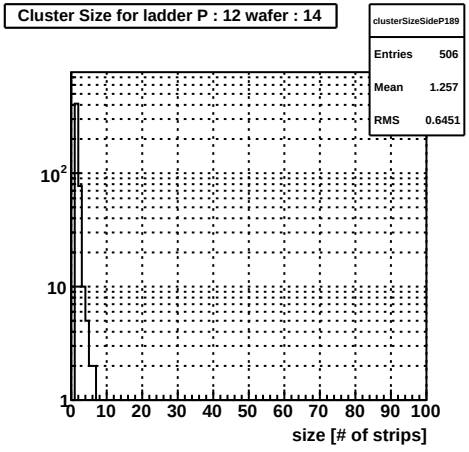

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 233
Mean 1.258
RMS 0.5806
size [# of strips]

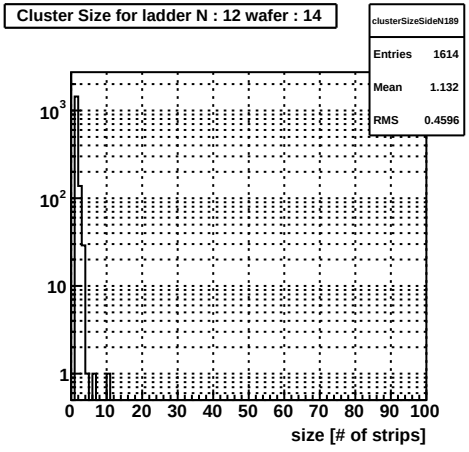

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 287
Mean 1.286
RMS 0.7195
size [# of strips]

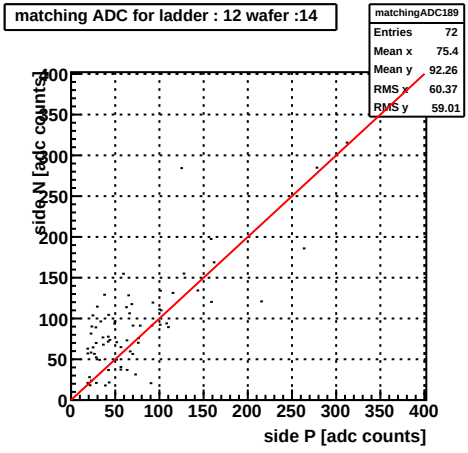

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2
Mean x 59
Mean y 53
RMS x 14
RMS y 16
side N [adc counts]
side P [adc counts]

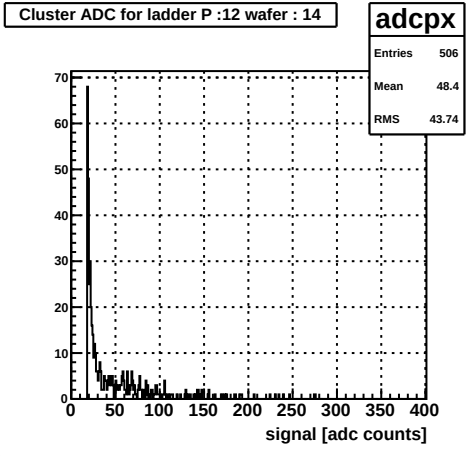

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 233
Mean 53.03
RMS 58.69
signal [adc counts]

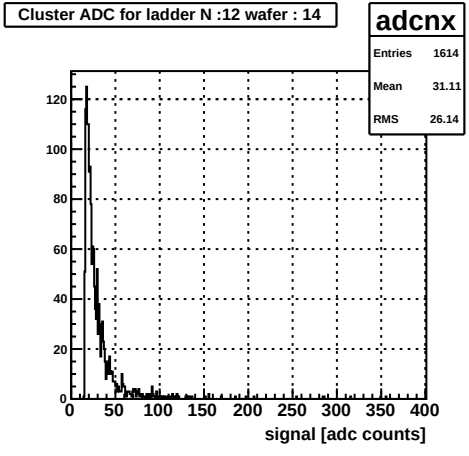

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 287
Mean 47.3
RMS 49.37
signal [adc counts]

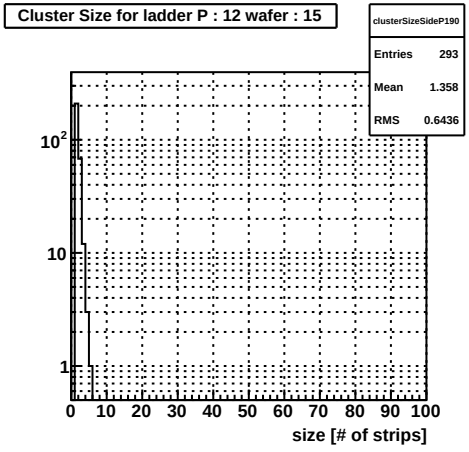

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 506
Mean 1.257
RMS 0.6451
size [# of strips]

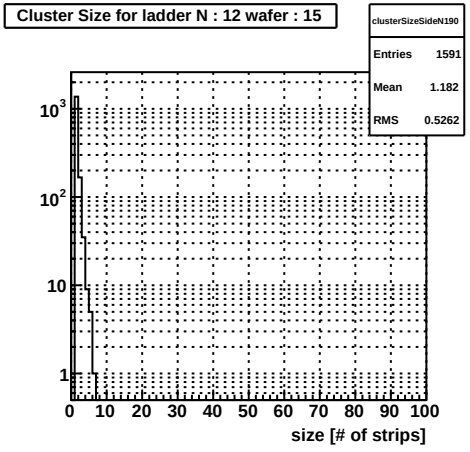

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1614
Mean 1.132
RMS 0.4596
size [# of strips]

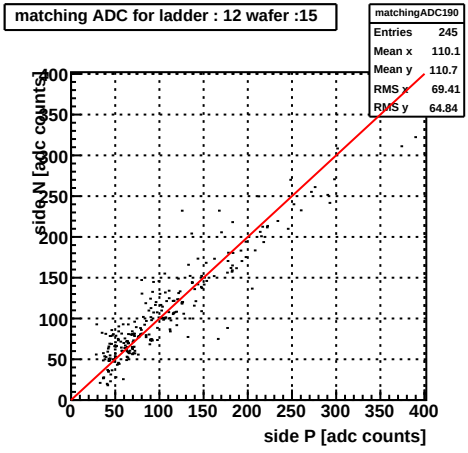

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 72
Mean x 75.4
Mean y 92.26
RMS x 60.37
RMS y 59.01
side N [adc counts]
side P [adc counts]

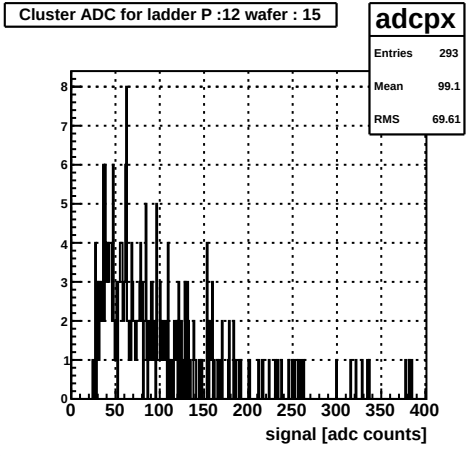

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 506
Mean 48.4
RMS 43.74
signal [adc counts]

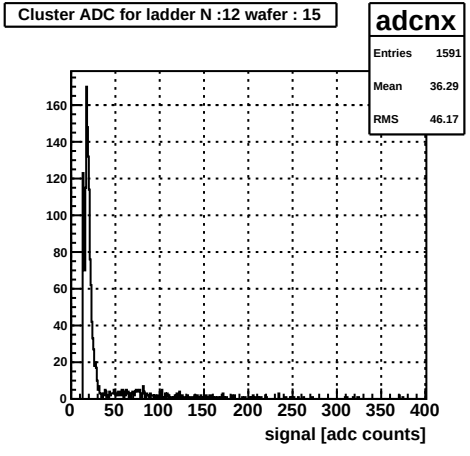

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1614
Mean 31.11
RMS 26.14
signal [adc counts]

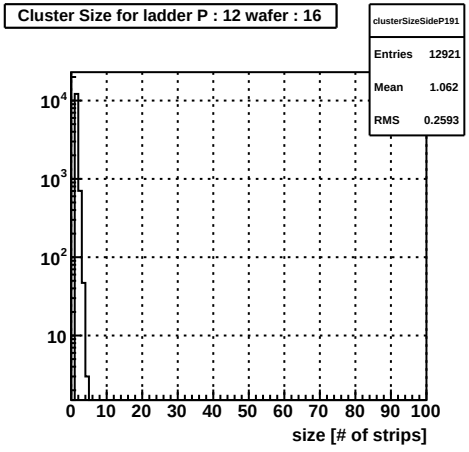

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 293
Mean 1.358
RMS 0.6436
size [# of strips]

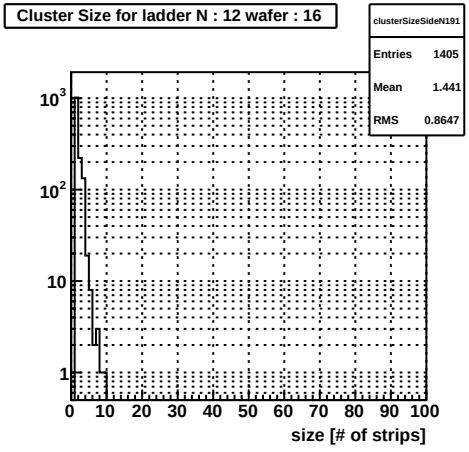

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1591
Mean 1.182
RMS 0.5262
size [# of strips]

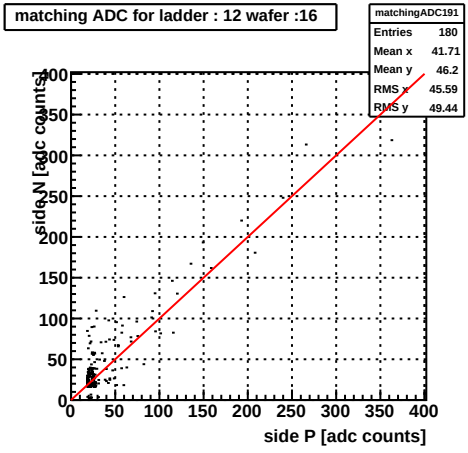

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 245
Mean x 110.1
Mean y 110.7
RMS x 69.41
RMS y 64.84
side N [adc counts]
side P [adc counts]

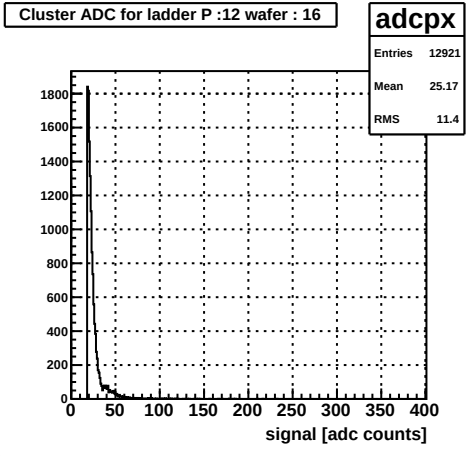

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 293
Mean 99.1
RMS 69.61
signal [adc counts]

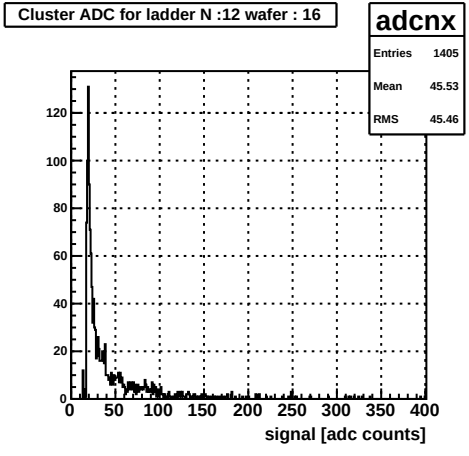

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1591
Mean 36.29
RMS 46.17
signal [adc counts]

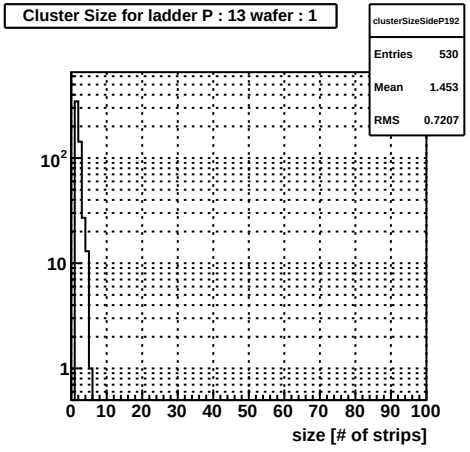

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 12921
Mean 1.062
RMS 0.2593
size [# of strips]

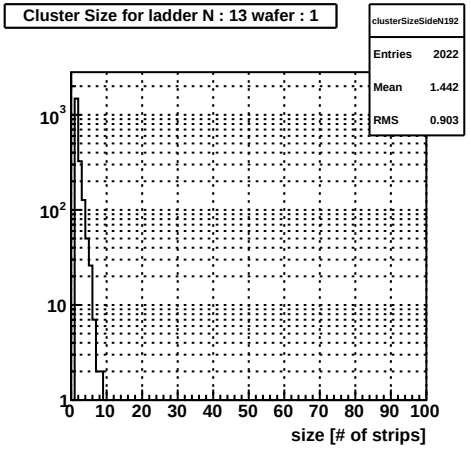

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1405
Mean 1.441
RMS 0.8647
size [# of strips]

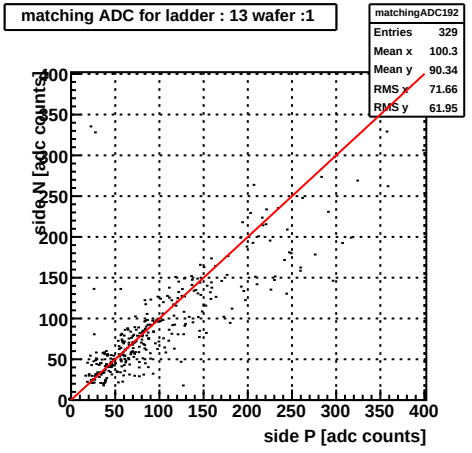

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 180
Mean x 41.71
Mean y 46.2
RMS x 45.59
RMS y 49.44
side N [adc counts]
side P [adc counts]

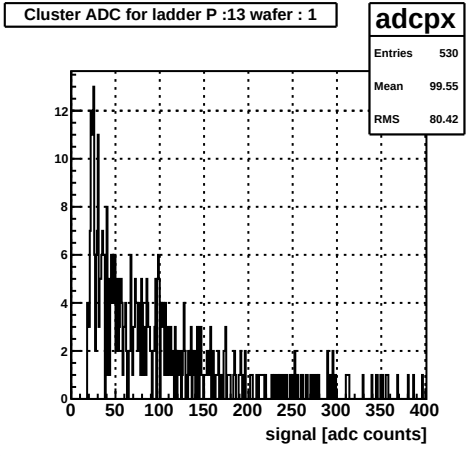

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 12921
Mean 25.17
RMS 11.4
signal [adc counts]

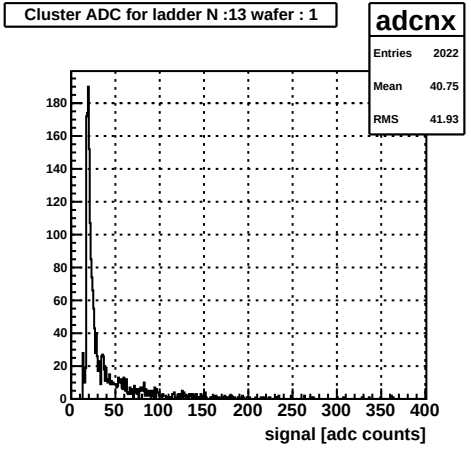

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1405
Mean 45.53
RMS 45.46
signal [adc counts]

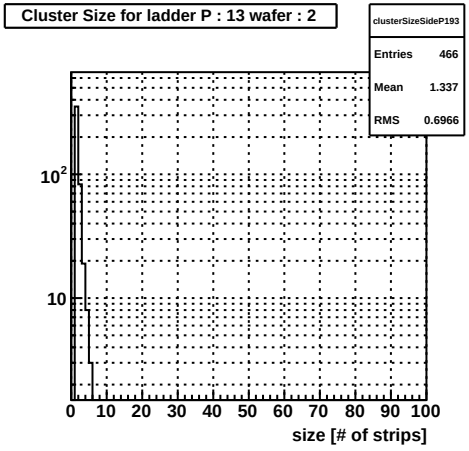

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 530
Mean 1.453
RMS 0.7207
size [# of strips]

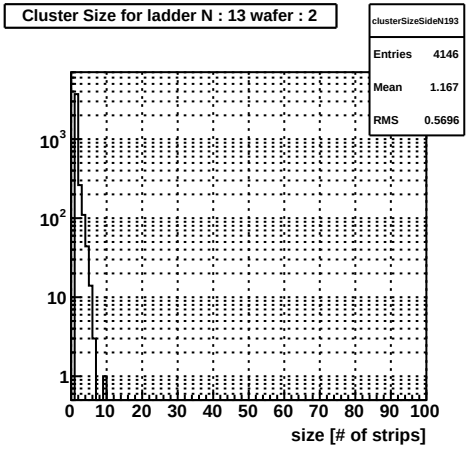

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2022
Mean 1.442
RMS 0.903
size [# of strips]

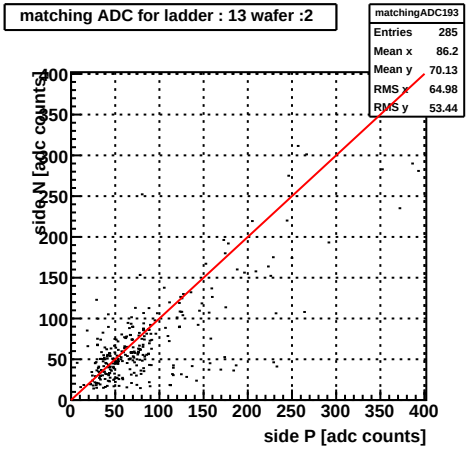

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 329
Mean x 100.3
Mean y 90.34
RMS x 71.66
RMS y 61.95
side N [adc counts]
side P [adc counts]

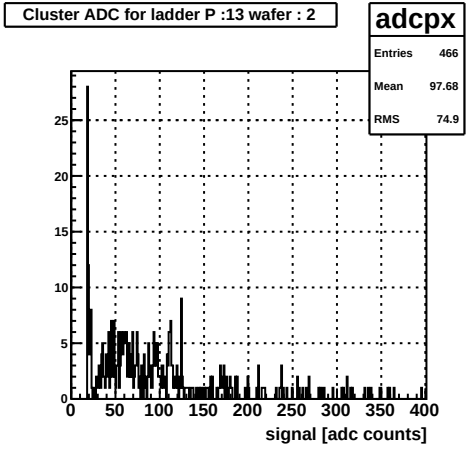

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 530
Mean 99.55
RMS 80.42
signal [adc counts]

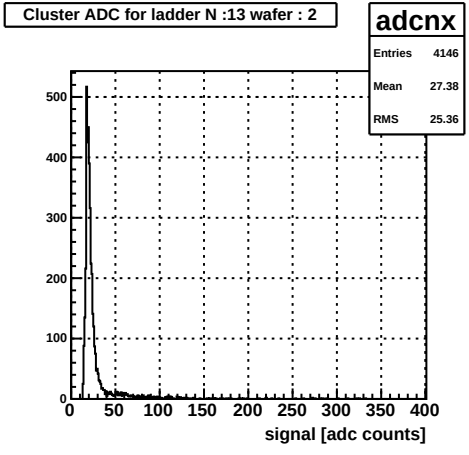

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2022
Mean 40.75
RMS 41.93
signal [adc counts]

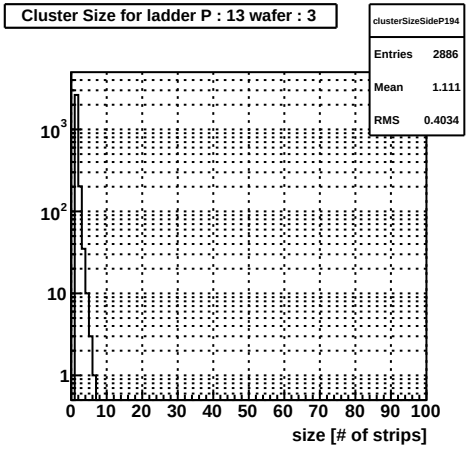

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 466
Mean 1.337
RMS 0.6966
size [# of strips]

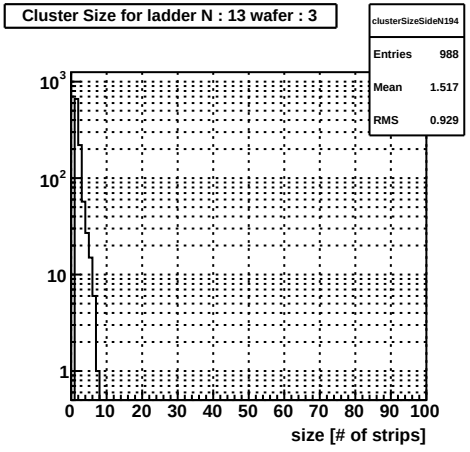

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4146
Mean 1.167
RMS 0.5696
size [# of strips]

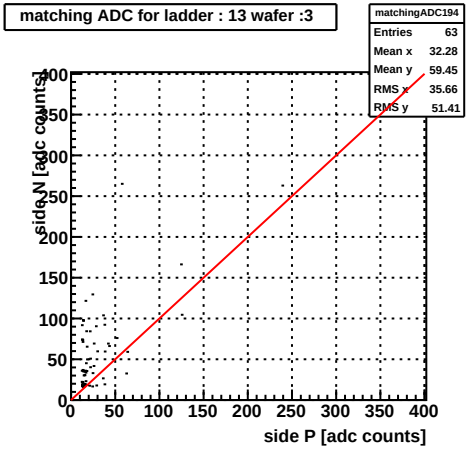

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 285
Mean x 86.2
Mean y 70.13
RMS x 64.98
RMS y 53.44
side N [adc counts]
side P [adc counts]

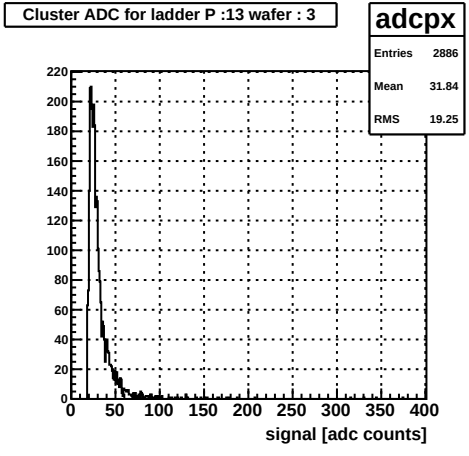

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 466
Mean 97.68
RMS 74.9
signal [adc counts]

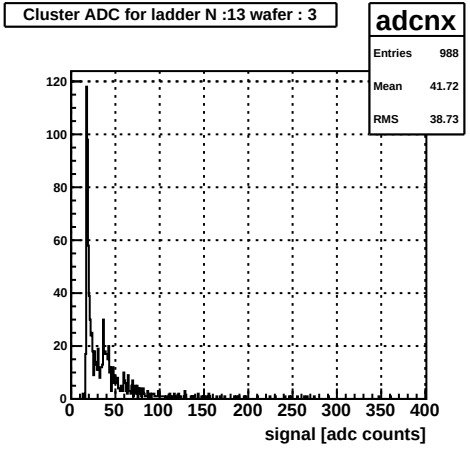

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4146
Mean 27.38
RMS 25.36
signal [adc counts]

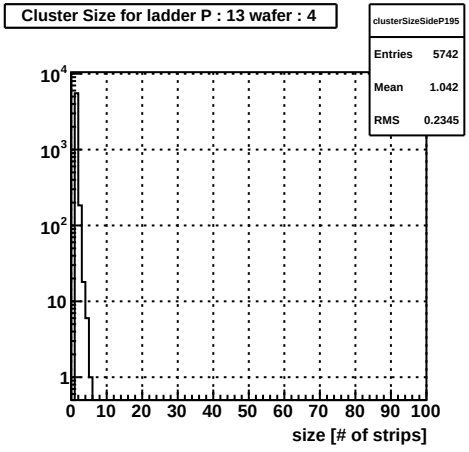

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 2886
Mean 1.111
RMS 0.4034
size [# of strips]

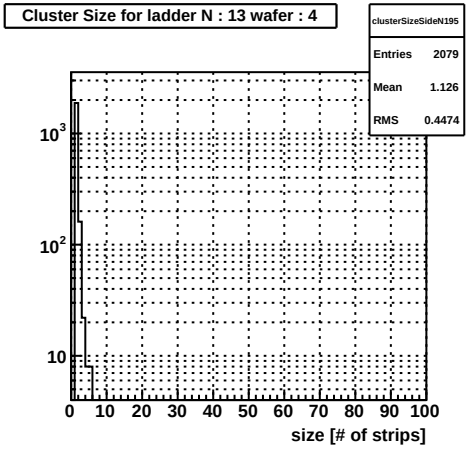

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 988
Mean 1.517
RMS 0.929
size [# of strips]

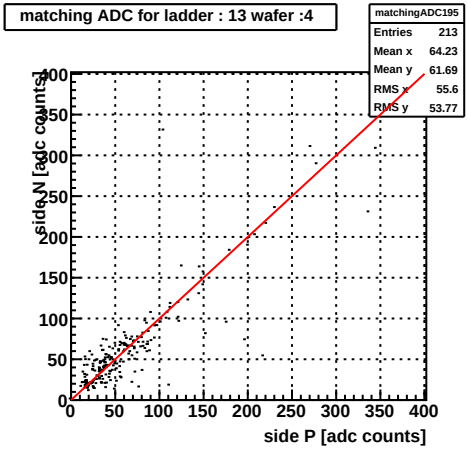

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 63
Mean x 32.28
Mean y 59.45
RMS x 35.66
RMS y 51.41
side N [adc counts]
side P [adc counts]

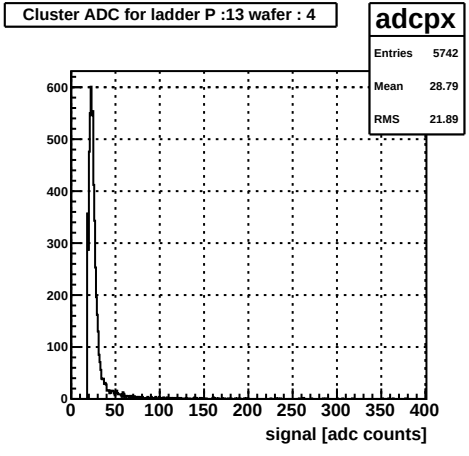

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 2886
Mean 31.84
RMS 19.25
signal [adc counts]

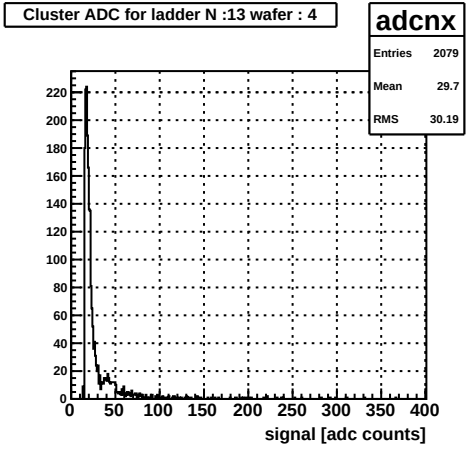

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 988
Mean 41.72
RMS 38.73
signal [adc counts]

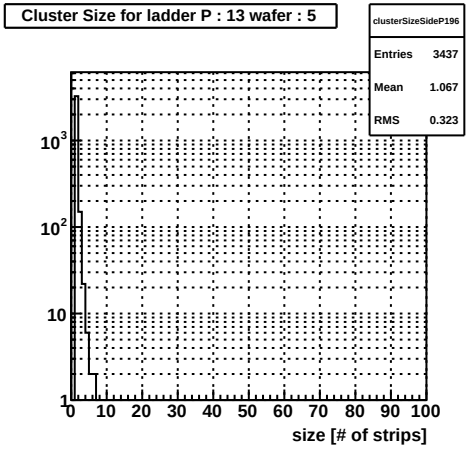

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 5742
Mean 1.042
RMS 0.2345
size [# of strips]

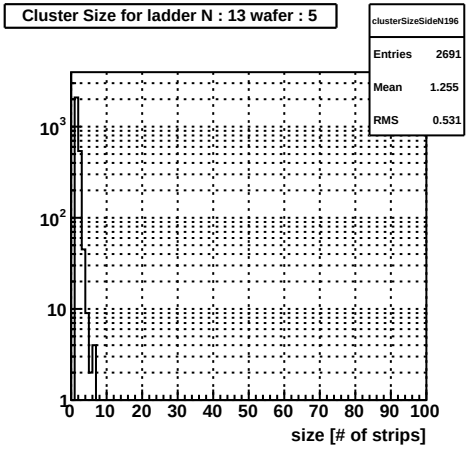

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2079
Mean 1.126
RMS 0.4474
size [# of strips]

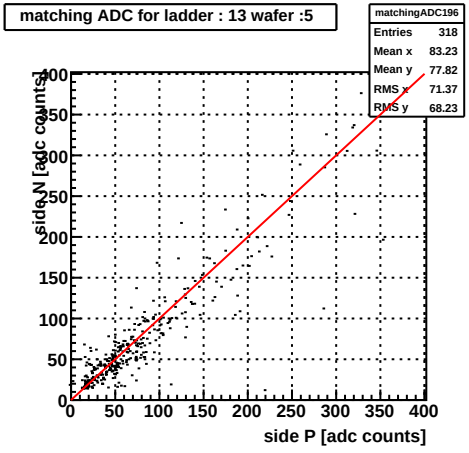

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 213
Mean x 64.23
Mean y 61.69
RMS x 55.6
RMS y 53.77
side N [adc counts]
side P [adc counts]

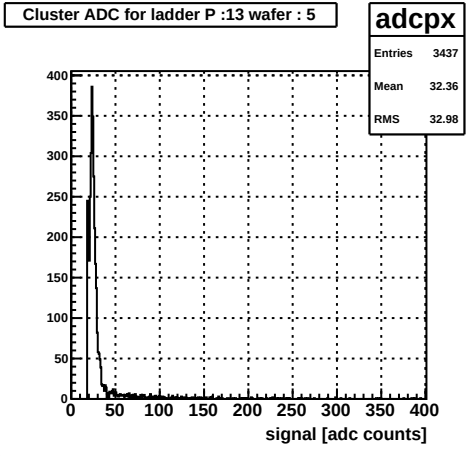

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 5742
Mean 28.79
RMS 21.89
signal [adc counts]

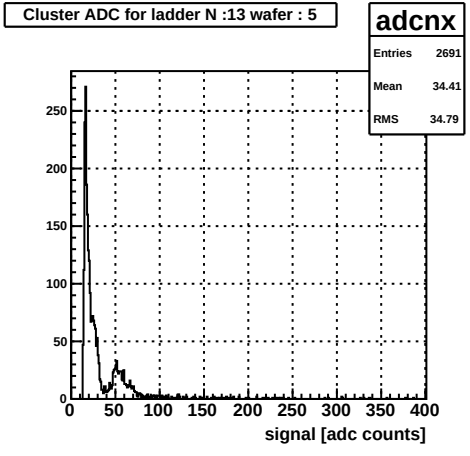

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2079
Mean 29.7
RMS 30.19
signal [adc counts]

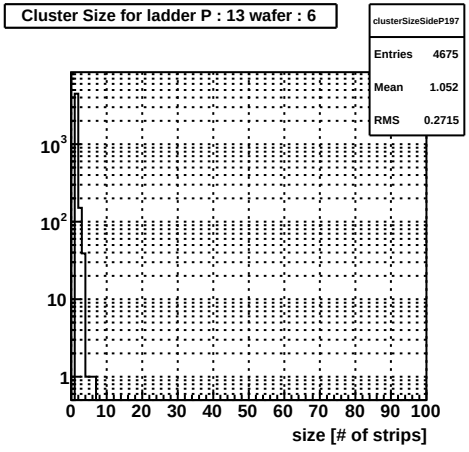

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3437
Mean 1.067
RMS 0.323
size [# of strips]

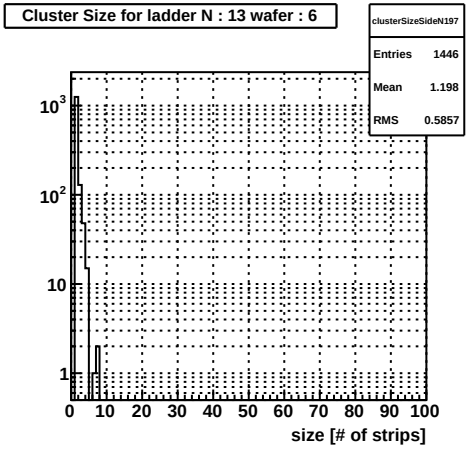

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 2691
Mean 1.255
RMS 0.531
size [# of strips]

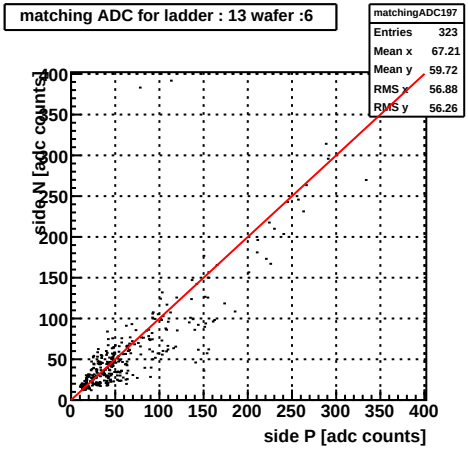

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 318
Mean x 83.23
Mean y 77.82
RMS x 71.37
RMS y 68.23
side N [adc counts]
side P [adc counts]

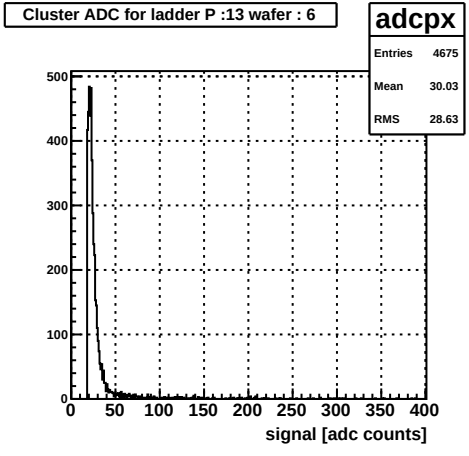

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3437
Mean 32.36
RMS 32.98
signal [adc counts]

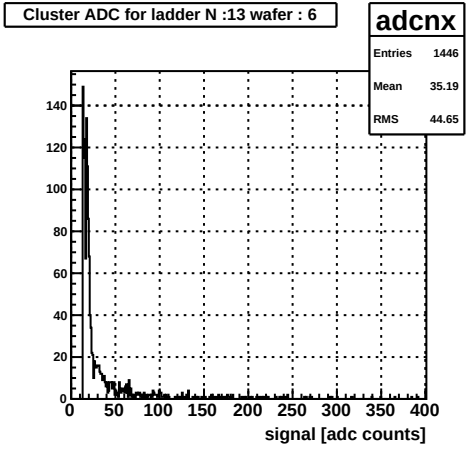

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 2691
Mean 34.41
RMS 34.79
signal [adc counts]

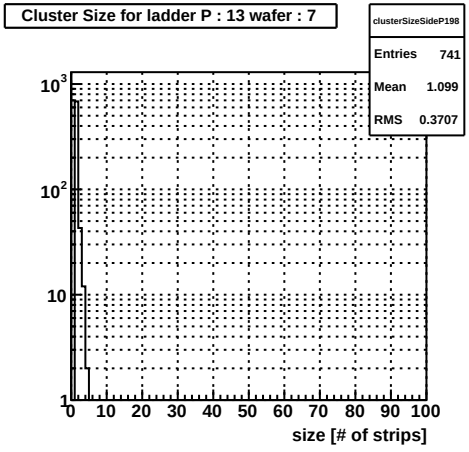

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 4675
Mean 1.052
RMS 0.2715
size [# of strips]

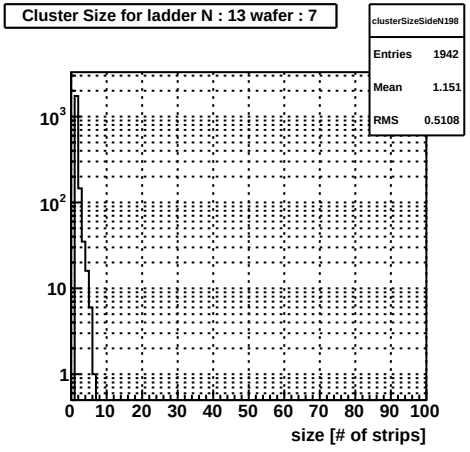

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1446
Mean 1.198
RMS 0.5857
size [# of strips]

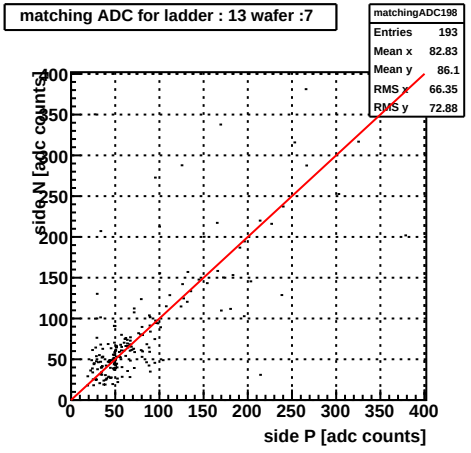

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 323
Mean x 67.21
Mean y 59.72
RMS x 56.88
RMS y 56.26
side N [adc counts]
side P [adc counts]

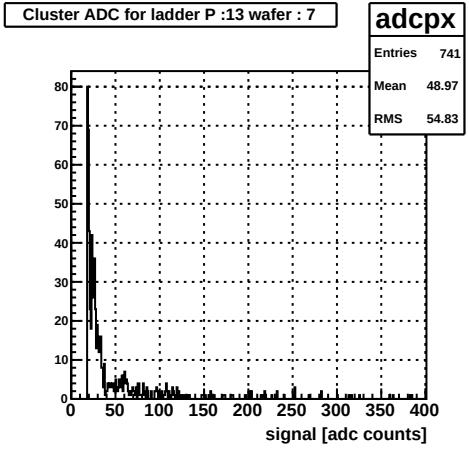

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 4675
Mean 30.03
RMS 28.63
signal [adc counts]

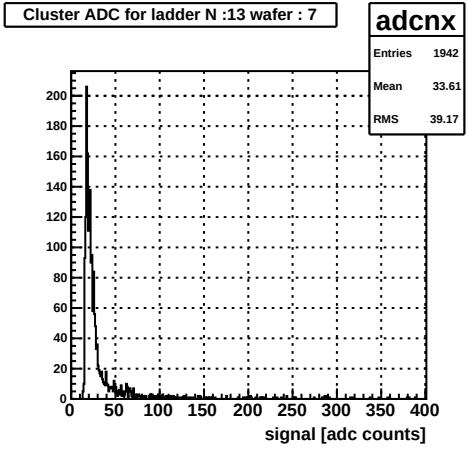

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1446
Mean 35.19
RMS 44.65
signal [adc counts]

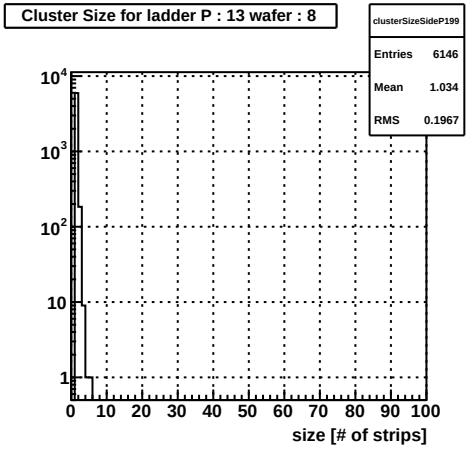

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 741
Mean 1.099
RMS 0.3707
size [# of strips]

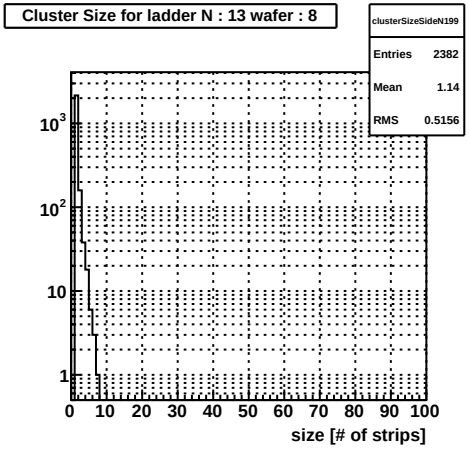

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1942
Mean 1.151
RMS 0.5108
size [# of strips]

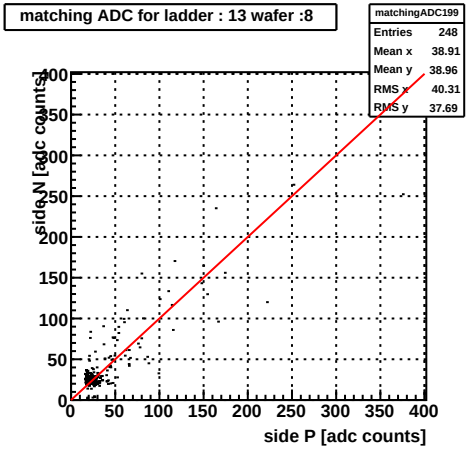

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 193
Mean x 82.83
Mean y 86.1
RMS x 66.35
RMS y 72.88
side N [adc counts]
side P [adc counts]

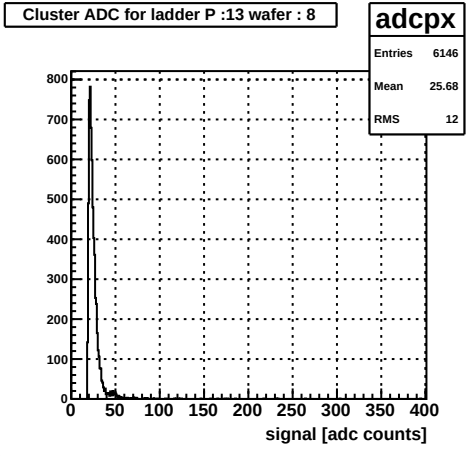

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 741
Mean 48.97
RMS 54.83
signal [adc counts]

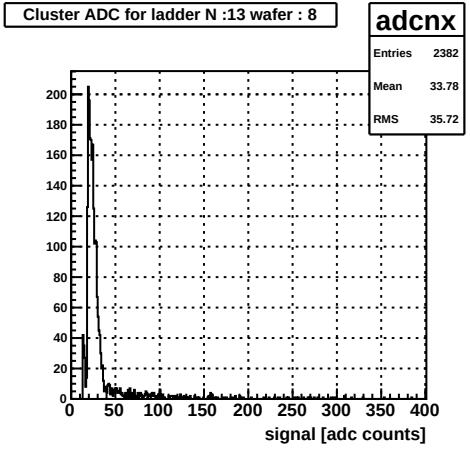

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1942
Mean 33.61
RMS 39.17
signal [adc counts]

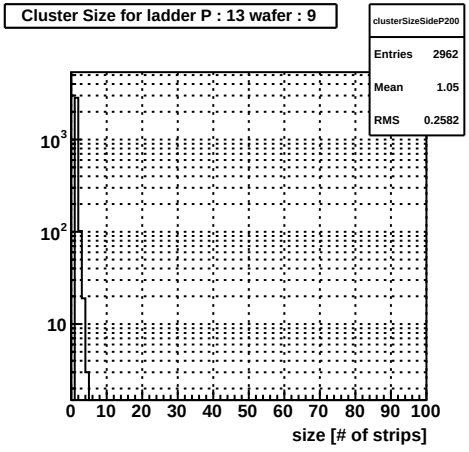

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6146
Mean 1.034
RMS 0.1967
size [# of strips]

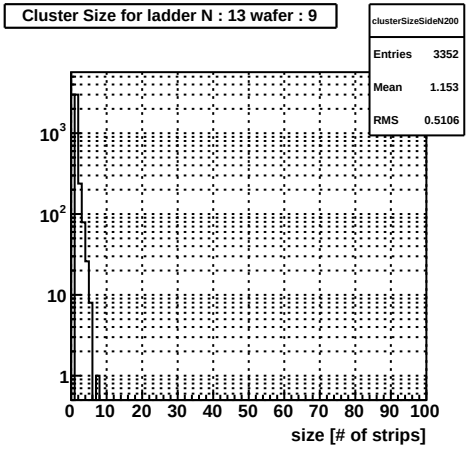

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2382
Mean 1.14
RMS 0.5156
size [# of strips]

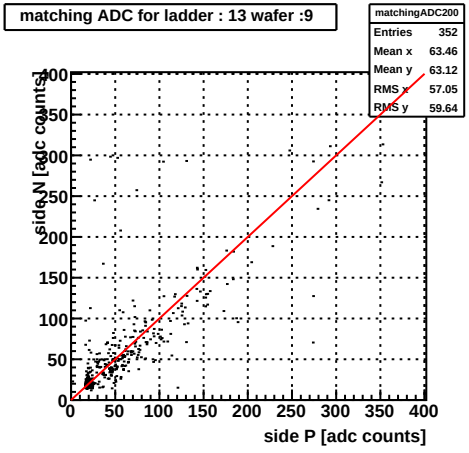

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 248
Mean x 38.91
Mean y 38.96
RMS x 40.31
RMS y 37.69
side N [adc counts]
side P [adc counts]

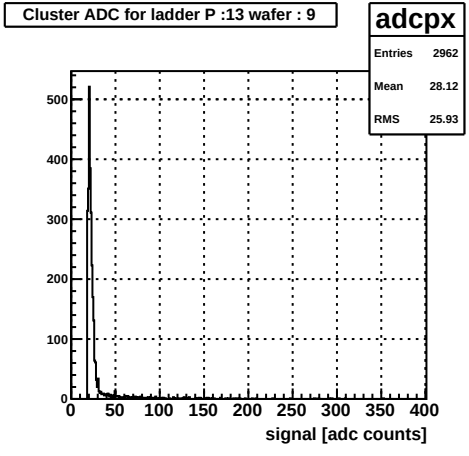

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6146
Mean 25.68
RMS 12
signal [adc counts]

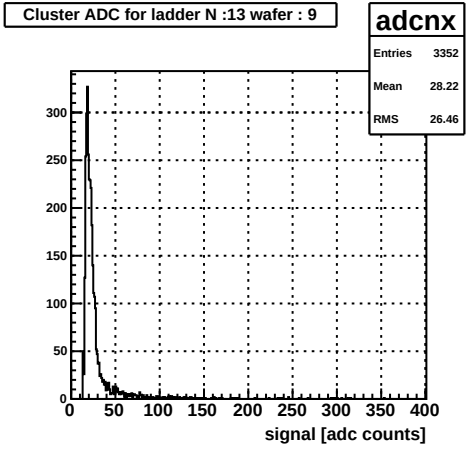

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2382
Mean 33.78
RMS 35.72
signal [adc counts]

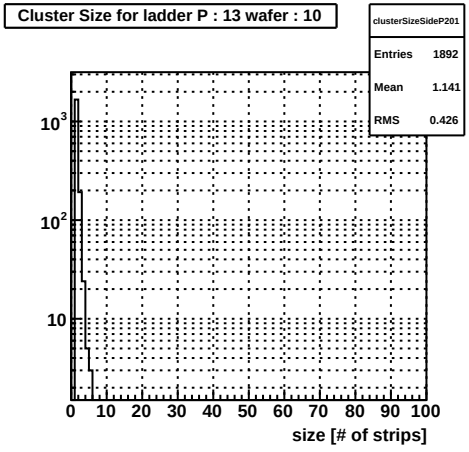

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2962
Mean 1.05
RMS 0.2582
size [# of strips]

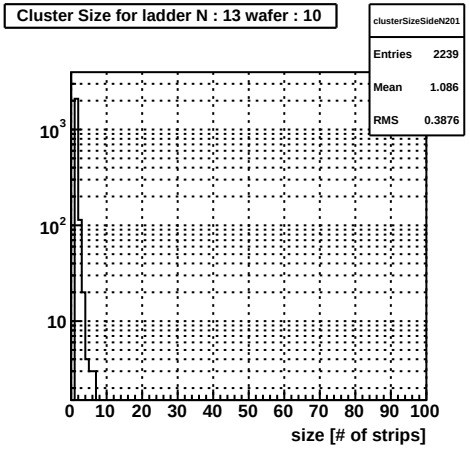

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3352
Mean 1.153
RMS 0.5106
size [# of strips]

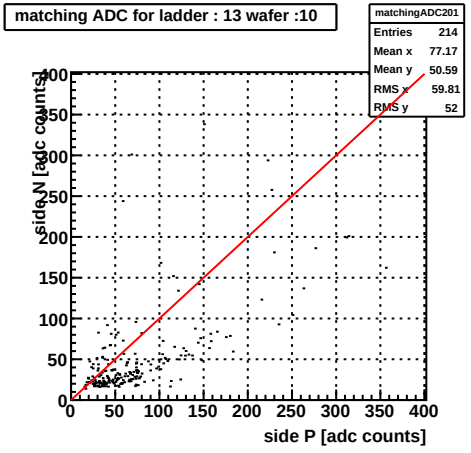

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 352
Mean x 63.46
Mean y 63.12
RMS x 57.05
RMS y 59.64
side N [adc counts]
side P [adc counts]

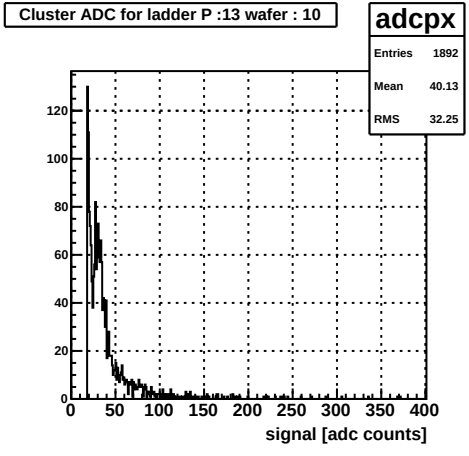

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2962
Mean 28.12
RMS 25.93
signal [adc counts]

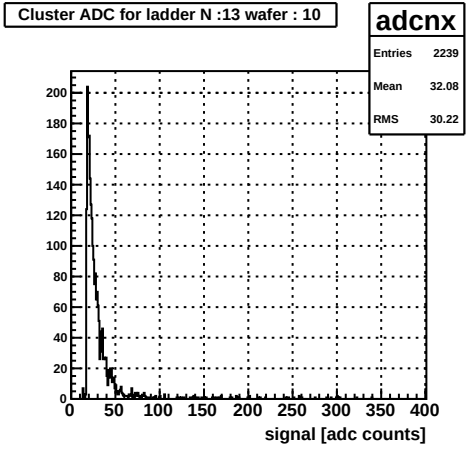

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3352
Mean 28.22
RMS 26.46
signal [adc counts]

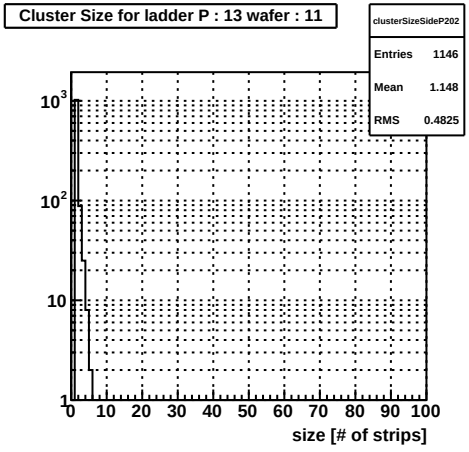

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1892
Mean 1.141
RMS 0.426
size [# of strips]

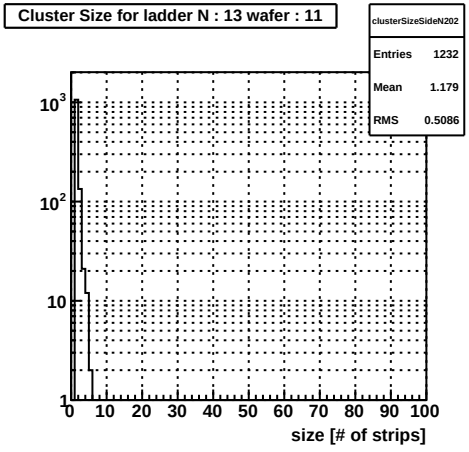

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2239
Mean 1.086
RMS 0.3876
size [# of strips]

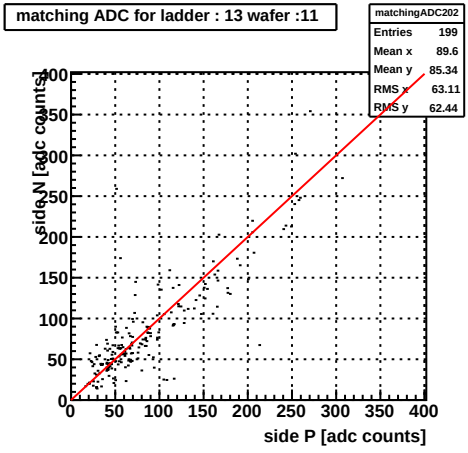

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 214
Mean x 77.17
Mean y 50.59
RMS x 59.81
RMS y 52
side N [adc counts]
side P [adc counts]

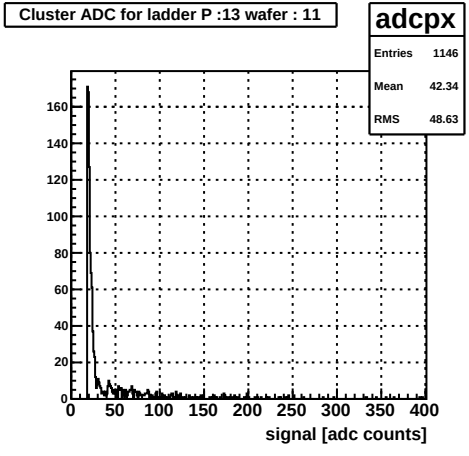

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1892
Mean 40.13
RMS 32.25
signal [adc counts]

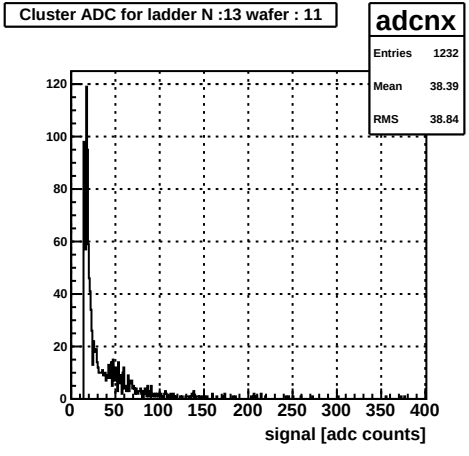

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2239
Mean 32.08
RMS 30.22
signal [adc counts]

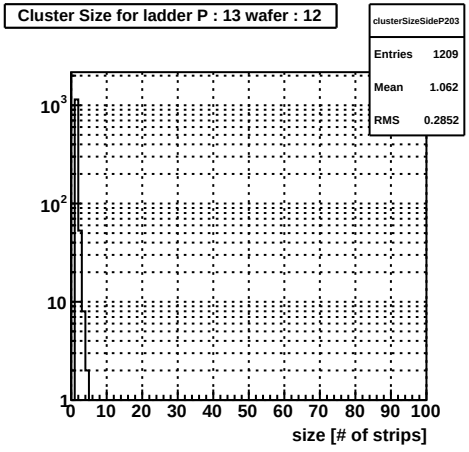

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1146
Mean 1.148
RMS 0.4825
size [# of strips]

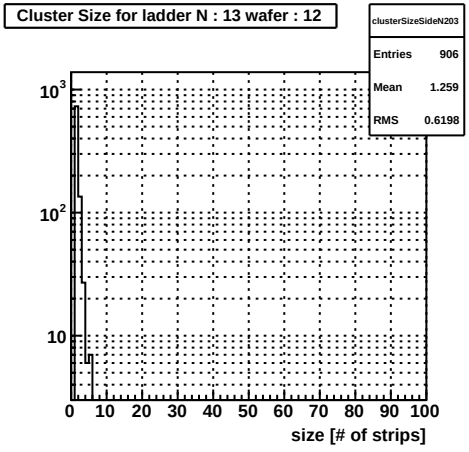

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1232
Mean 1.179
RMS 0.5086
size [# of strips]

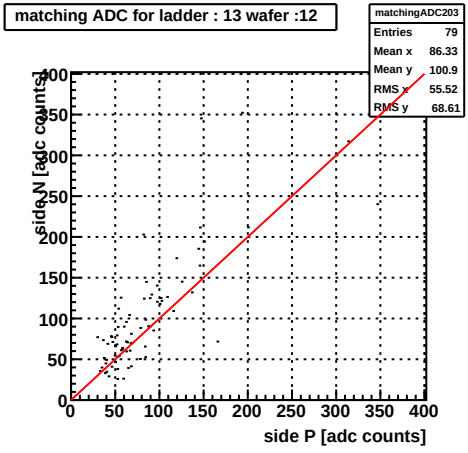

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 199
Mean x 89.6
Mean y 85.34
RMS x 63.11
RMS y 62.44
side N [adc counts]
side P [adc counts]

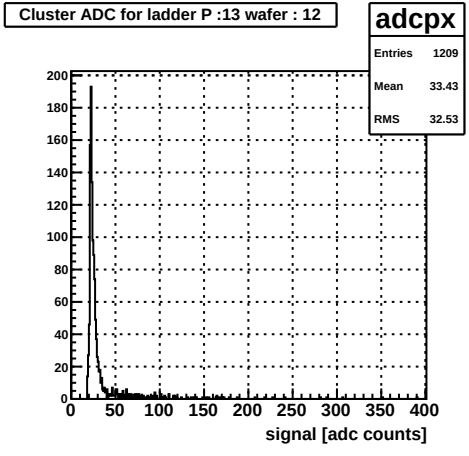

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1146
Mean 42.34
RMS 48.63
signal [adc counts]

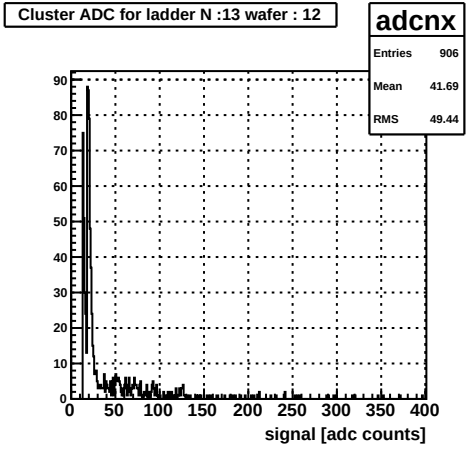

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1232
Mean 38.39
RMS 38.84
signal [adc counts]

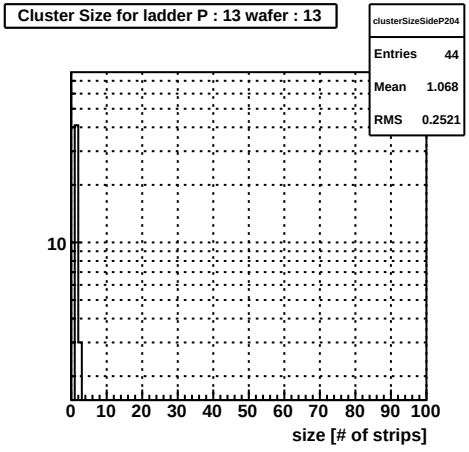

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1209
Mean 1.062
RMS 0.2852
size [# of strips]

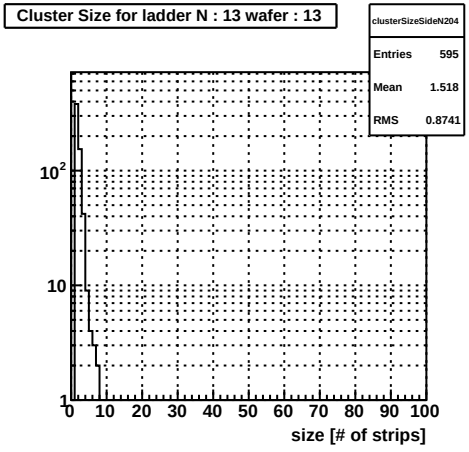

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 906
Mean 1.259
RMS 0.6198
size [# of strips]

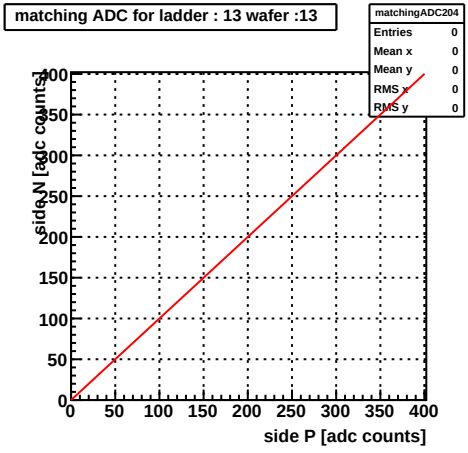

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 79
Mean x 86.33
Mean y 100.9
RMS x 55.52
RMS y 68.61
side N [adc counts]
side P [adc counts]

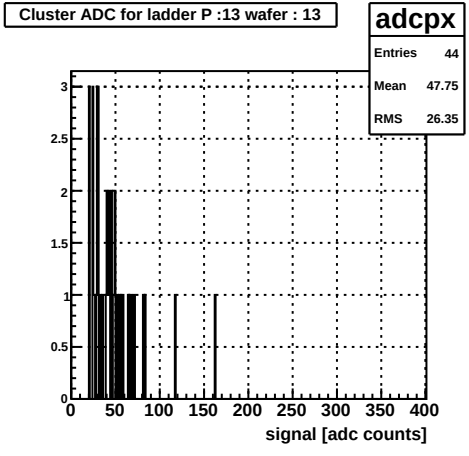

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1209
Mean 33.43
RMS 32.53
signal [adc counts]

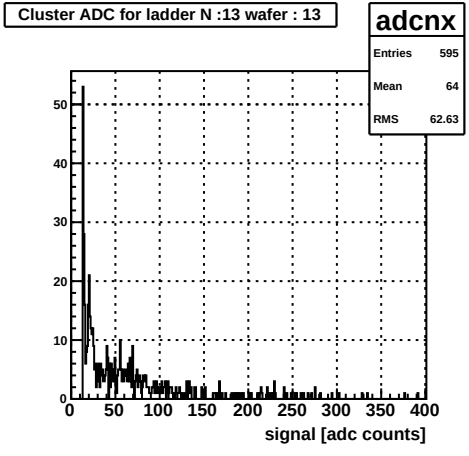

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 906
Mean 41.69
RMS 49.44
signal [adc counts]

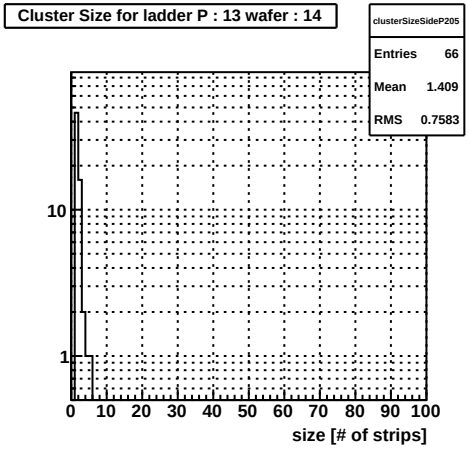

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 44
Mean 1.068
RMS 0.2521
size [# of strips]

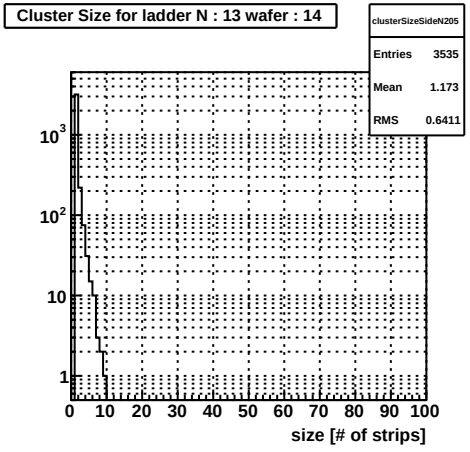

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 595
Mean 1.518
RMS 0.8741
size [# of strips]

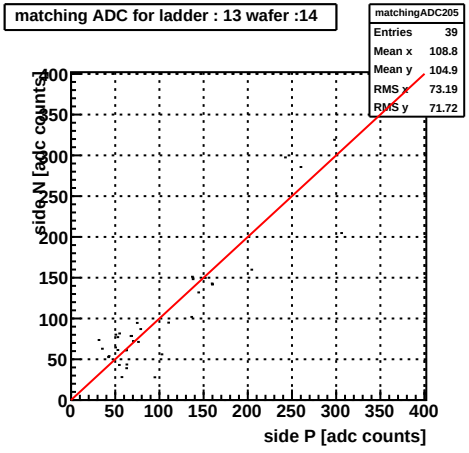

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

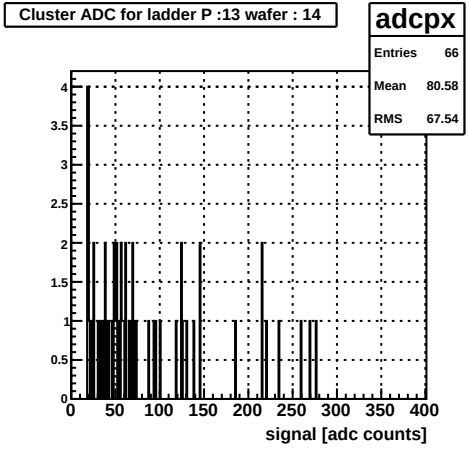

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 44
Mean 47.75
RMS 26.35
signal [adc counts]

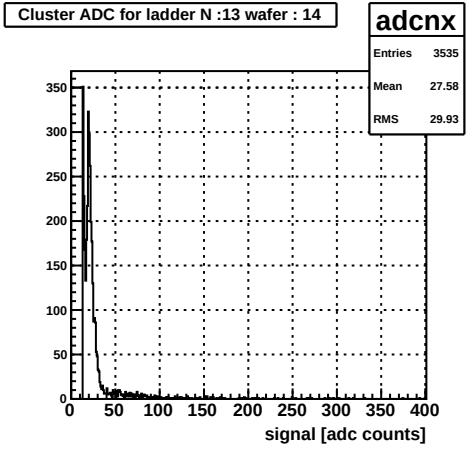

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 595
Mean 64
RMS 62.63
signal [adc counts]

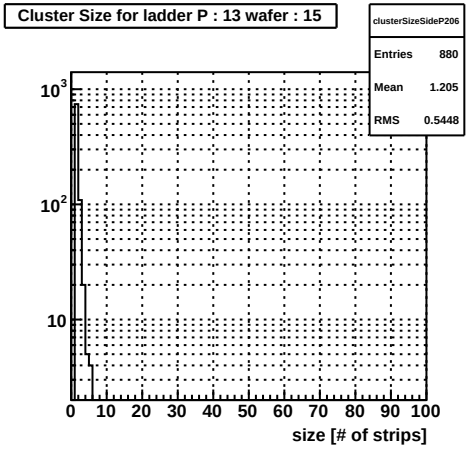

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 66
Mean 1.409
RMS 0.7583
size [# of strips]

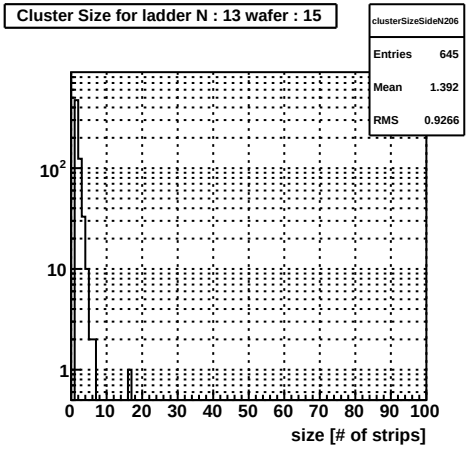

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3535
Mean 1.173
RMS 0.6411
size [# of strips]

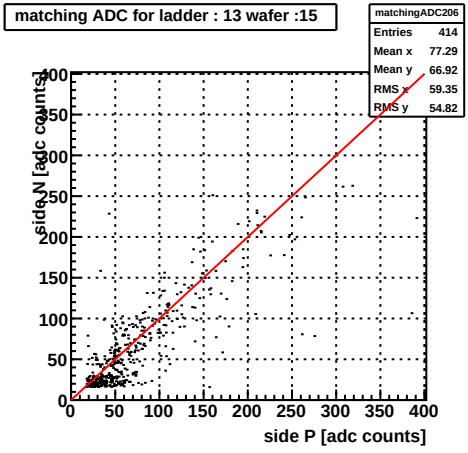

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 39
Mean x 108.8
Mean y 104.9
RMS x 73.19
RMS y 71.72
side N [adc counts]
side P [adc counts]

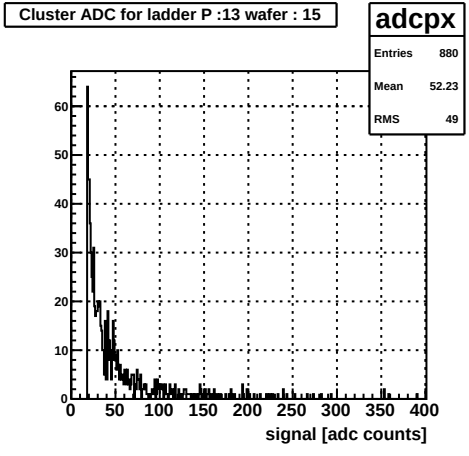

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 66
Mean 80.58
RMS 67.54
signal [adc counts]

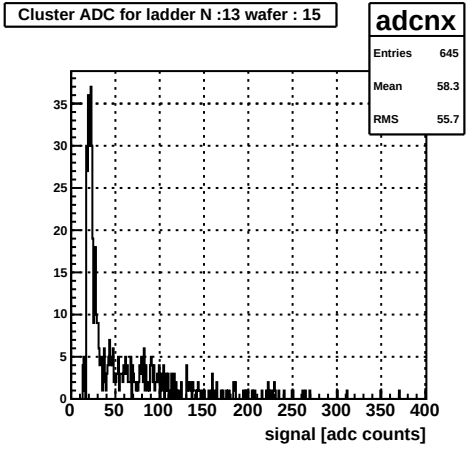

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3535
Mean 27.58
RMS 29.93
signal [adc counts]

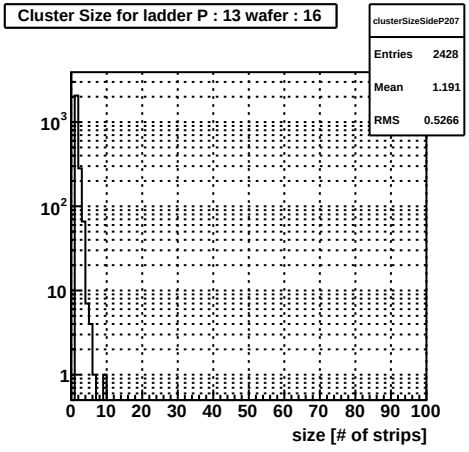

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 880
Mean 1.205
RMS 0.5448
size [# of strips]

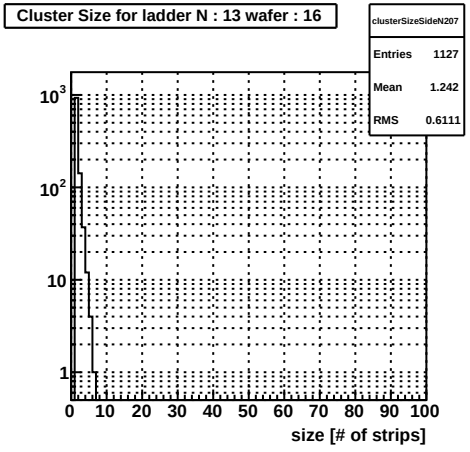

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 645
Mean 1.392
RMS 0.9266
size [# of strips]

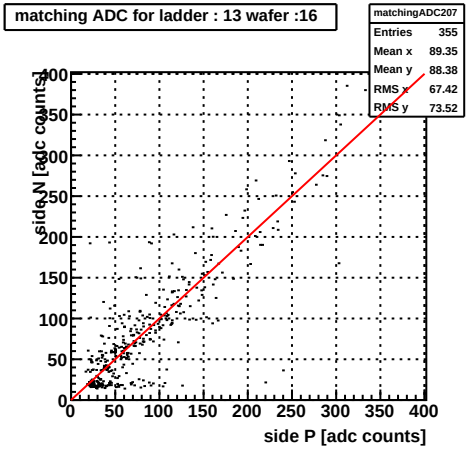

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 414
Mean x 77.29
Mean y 66.92
RMS x 59.35
RMS y 54.82
side N [adc counts]
side P [adc counts]

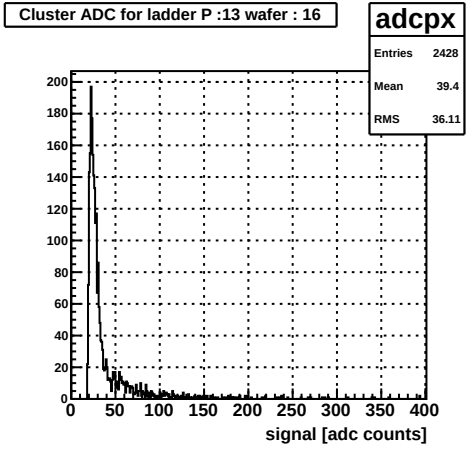

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 880
Mean 52.23
RMS 49
signal [adc counts]

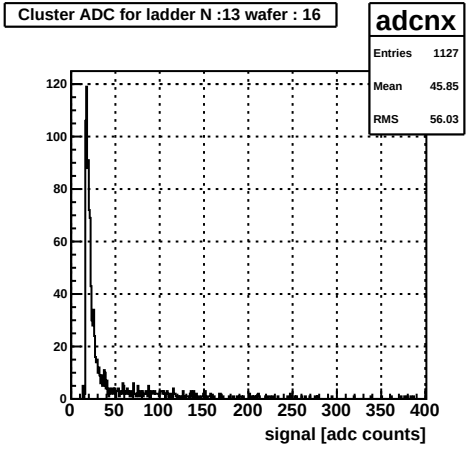

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 645
Mean 58.3
RMS 55.7
signal [adc counts]

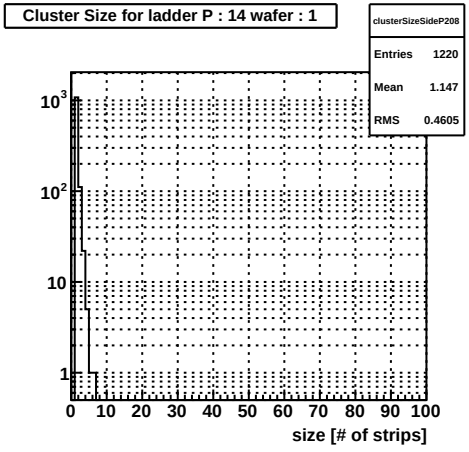

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2428
Mean 1.191
RMS 0.5266
size [# of strips]

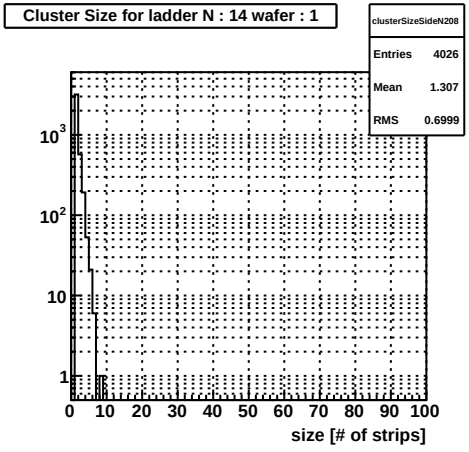

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1127
Mean 1.242
RMS 0.6111
size [# of strips]

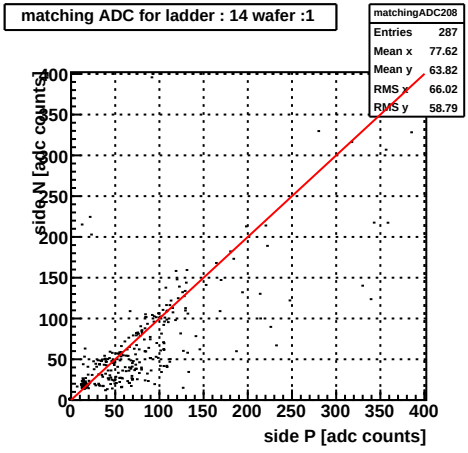

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 355
Mean x 89.35
Mean y 88.38
RMS x 67.42
RMS y 73.52
side N [adc counts]
side P [adc counts]

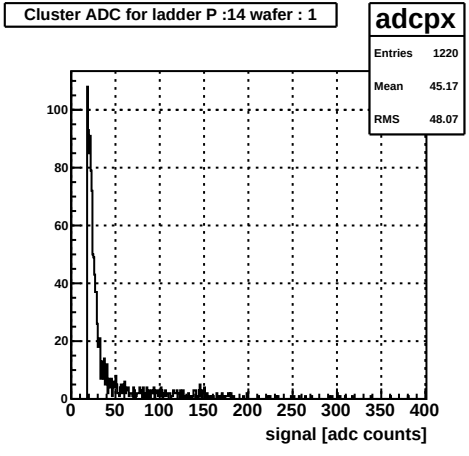

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2428
Mean 39.4
RMS 36.11
signal [adc counts]

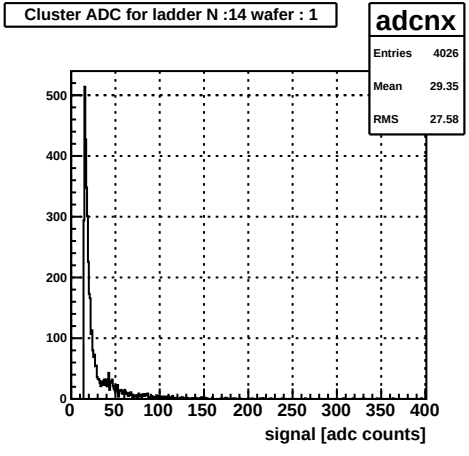

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1127
Mean 45.85
RMS 56.03
signal [adc counts]

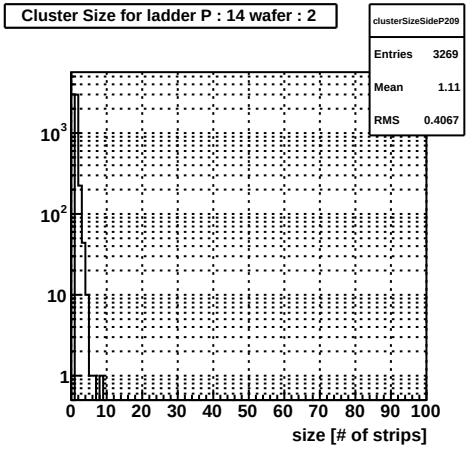

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1220
Mean 1.147
RMS 0.4605
size [# of strips]

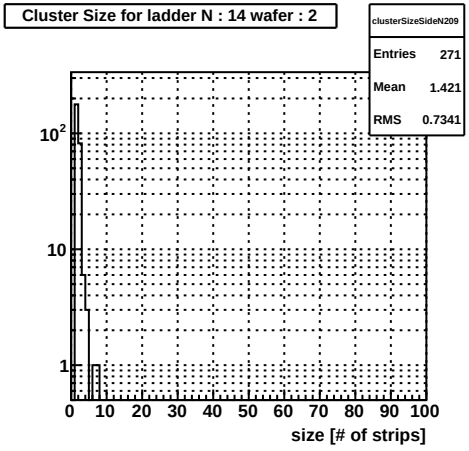

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 4026
Mean 1.307
RMS 0.6999
size [# of strips]

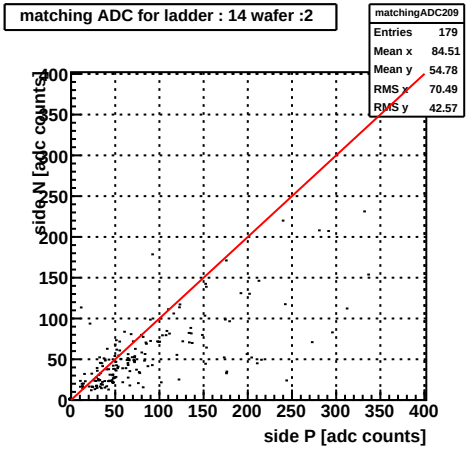

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 287
Mean x 77.62
Mean y 63.82
RMS x 66.02
RMS y 58.79
side N [adc counts]
side P [adc counts]

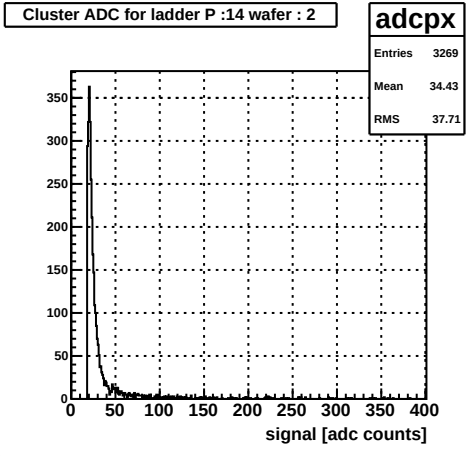

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1220
Mean 45.17
RMS 48.07
signal [adc counts]

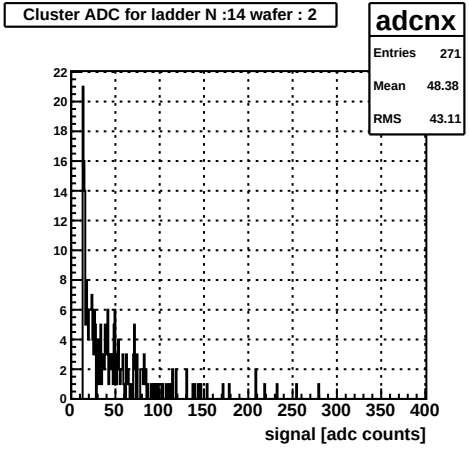

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 4026
Mean 29.35
RMS 27.58
signal [adc counts]

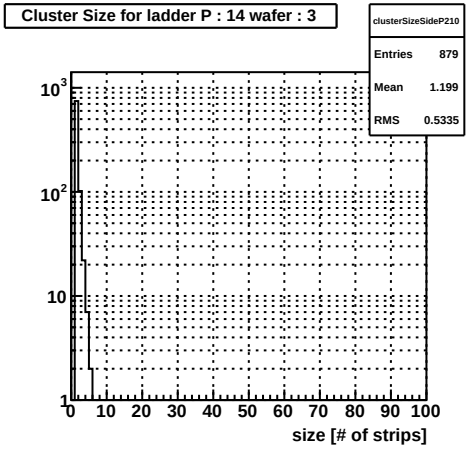

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 3269
Mean 1.11
RMS 0.4067
size [# of strips]

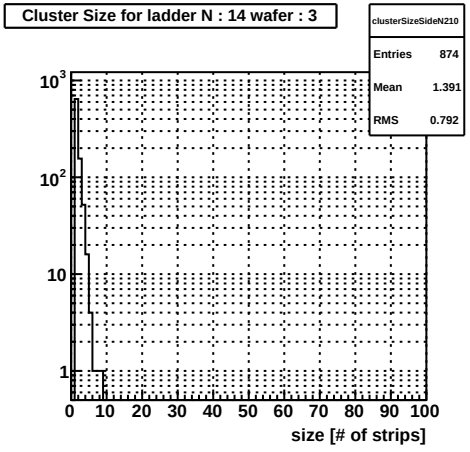

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 271
Mean 1.421
RMS 0.7341
size [# of strips]

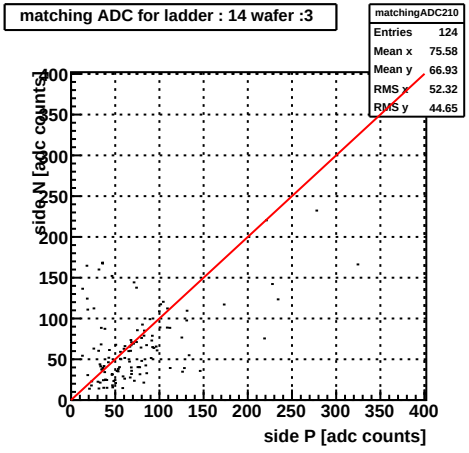

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 179
Mean x 84.51
Mean y 54.78
RMS x 70.49
RMS y 42.57
side N [adc counts]
side P [adc counts]

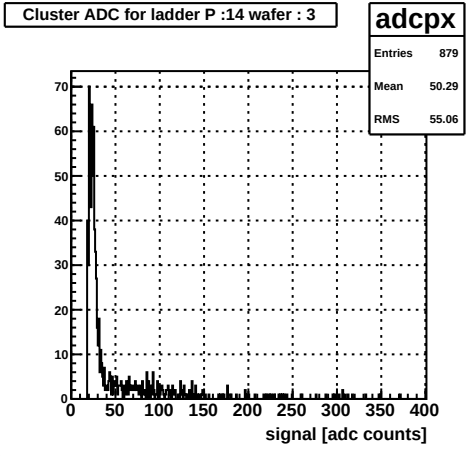

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 3269
Mean 34.43
RMS 37.71
signal [adc counts]

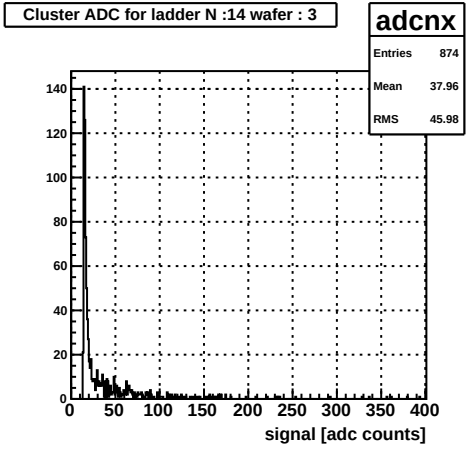

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 271
Mean 48.38
RMS 43.11
signal [adc counts]

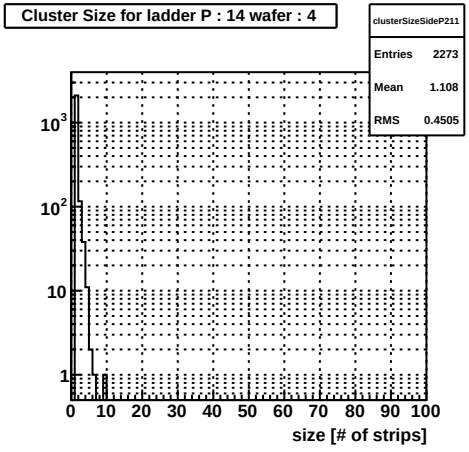

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 879
Mean 1.199
RMS 0.5335
size [# of strips]

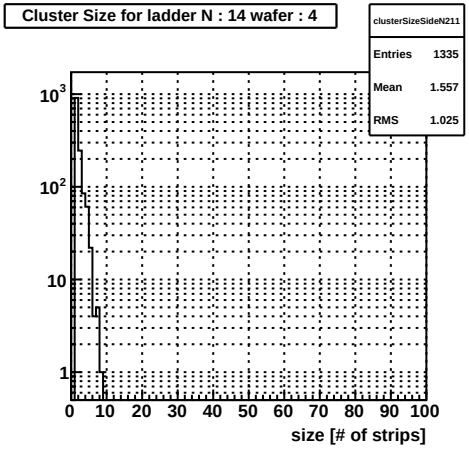

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 874
Mean 1.391
RMS 0.792
size [# of strips]

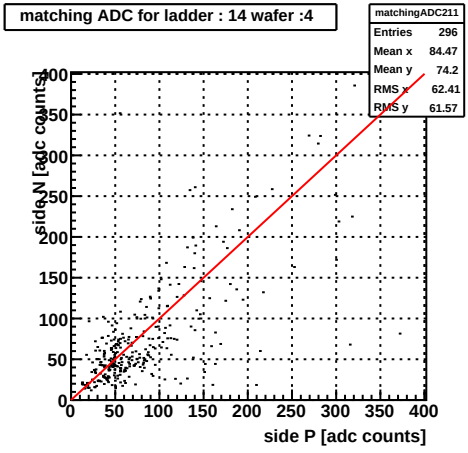

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 124
Mean x 75.58
Mean y 66.93
RMS x 52.32
RMS y 44.65
side N [adc counts]
side P [adc counts]

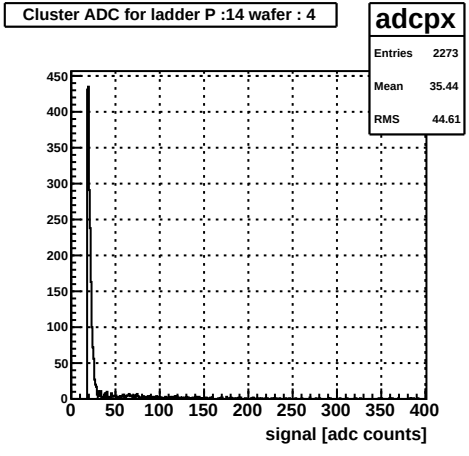

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 879
Mean 50.29
RMS 55.06
signal [adc counts]

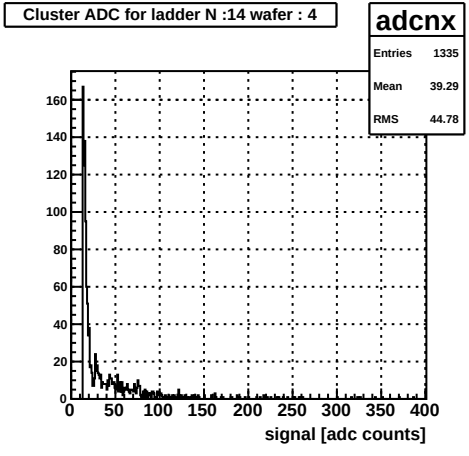

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 874
Mean 37.96
RMS 45.98
signal [adc counts]

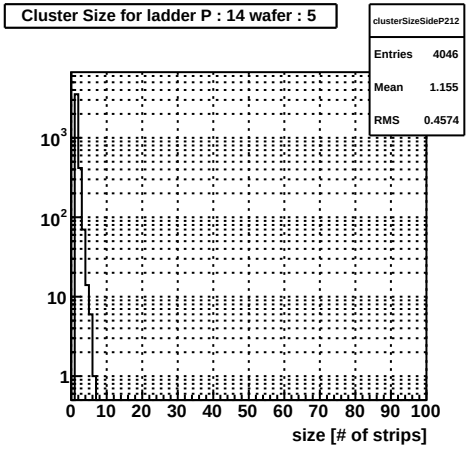

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2273
Mean 1.108
RMS 0.4505
size [# of strips]

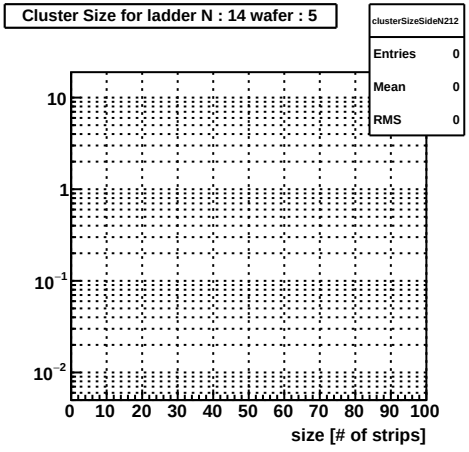

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1335
Mean 1.557
RMS 1.025
size [# of strips]

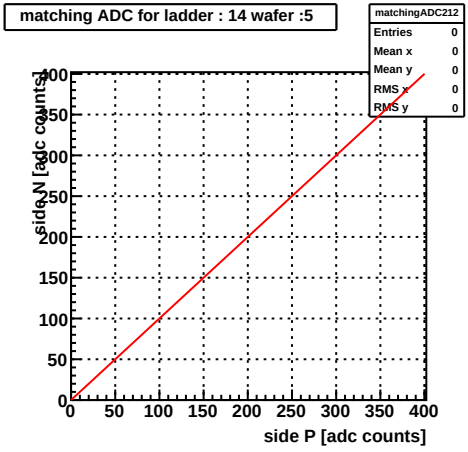

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 296
Mean x 84.47
Mean y 74.2
RMS x 62.41
RMS y 61.57
side N [adc counts]
side P [adc counts]

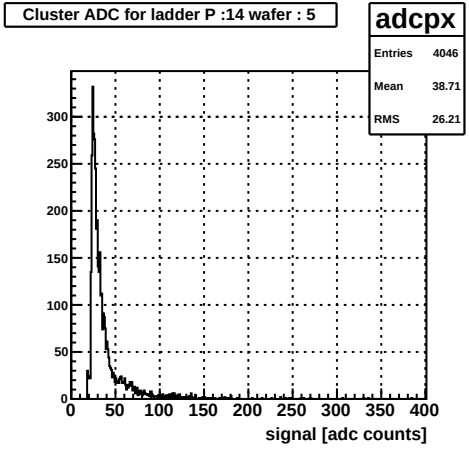

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2273
Mean 35.44
RMS 44.61
signal [adc counts]

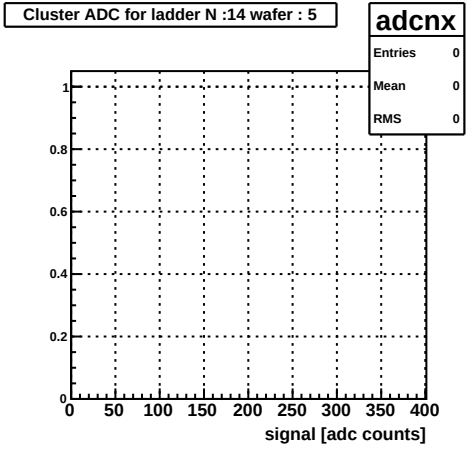

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1335
Mean 39.29
RMS 44.78
signal [adc counts]

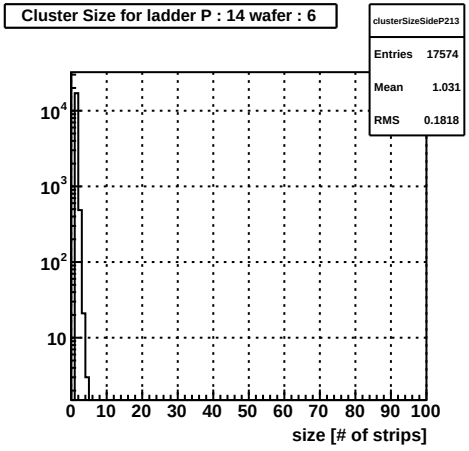

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4046
Mean 1.155
RMS 0.4574
size [# of strips]

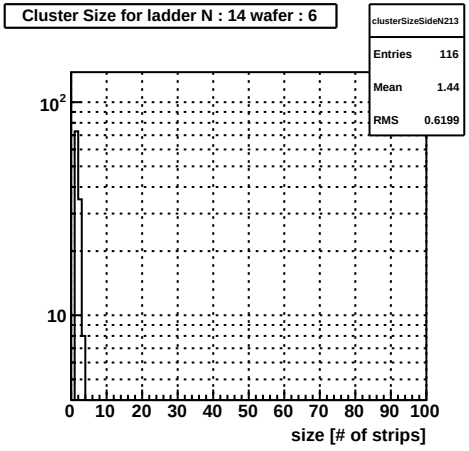

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

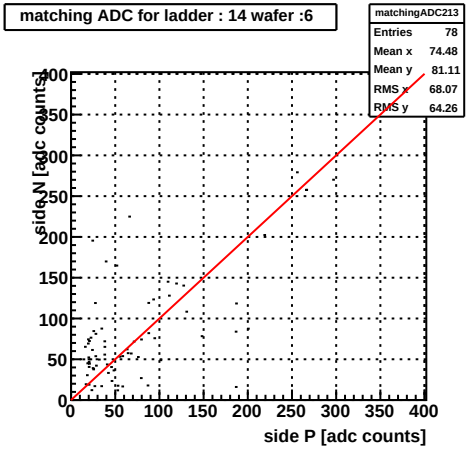

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

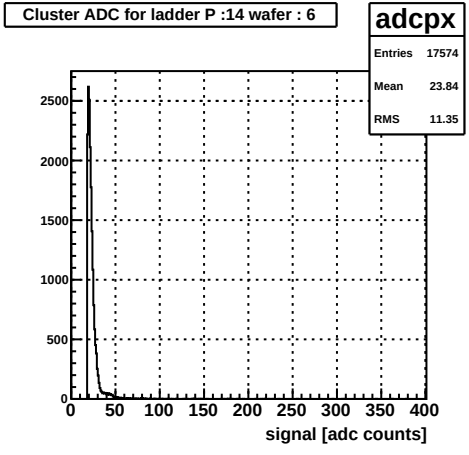

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4046
Mean 38.71
RMS 26.21
signal [adc counts]

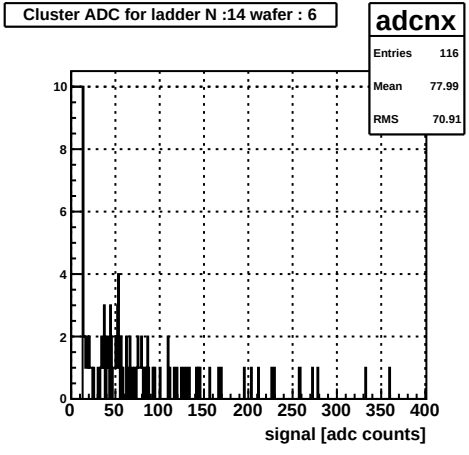

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

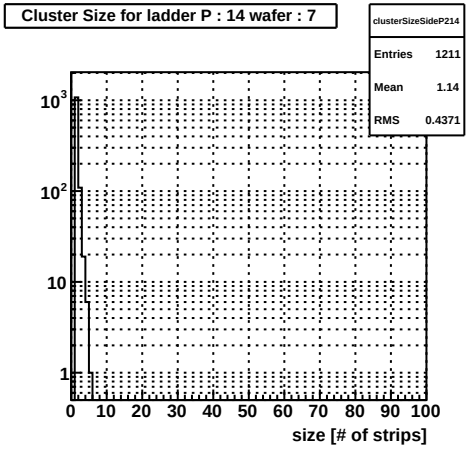

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 17574
Mean 1.031
RMS 0.1818
size [# of strips]

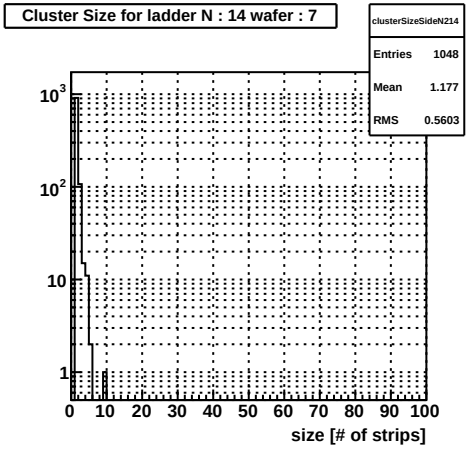

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 116
Mean 1.44
RMS 0.6199
size [# of strips]

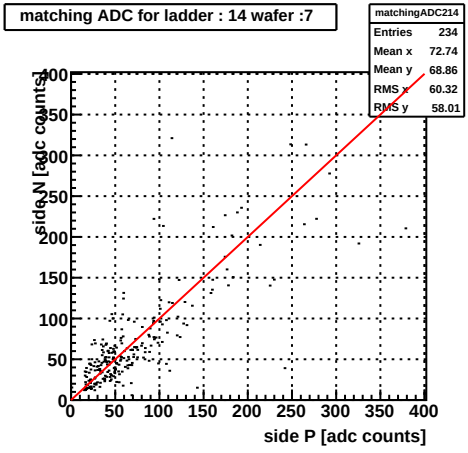

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 78
Mean x 74.48
Mean y 81.11
RMS x 68.07
RMS y 64.26
side N [adc counts]
side P [adc counts]

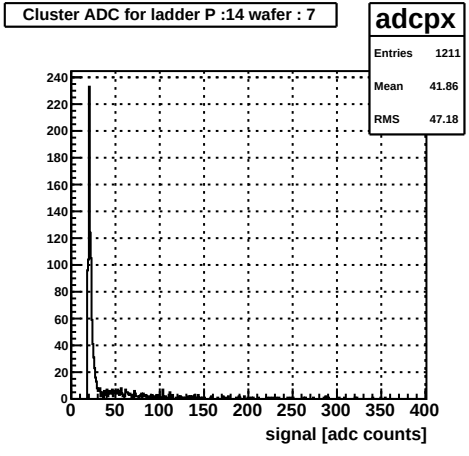

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 17574
Mean 23.84
RMS 11.35
signal [adc counts]

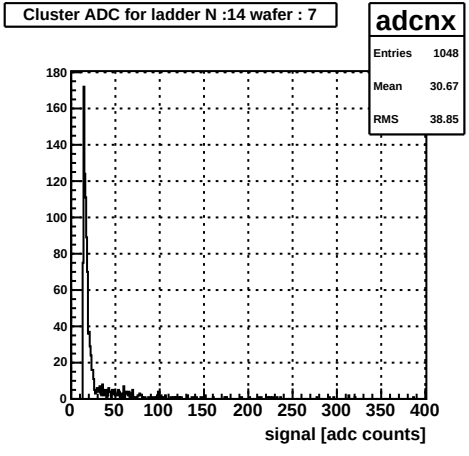

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 116
Mean 77.99
RMS 70.91
signal [adc counts]

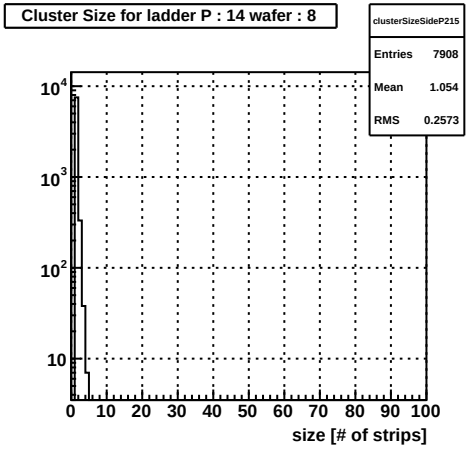

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1211
Mean 1.14
RMS 0.4371
size [# of strips]

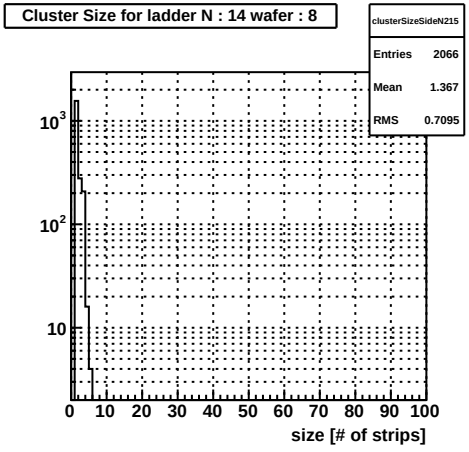

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1048
Mean 1.177
RMS 0.5603
size [# of strips]

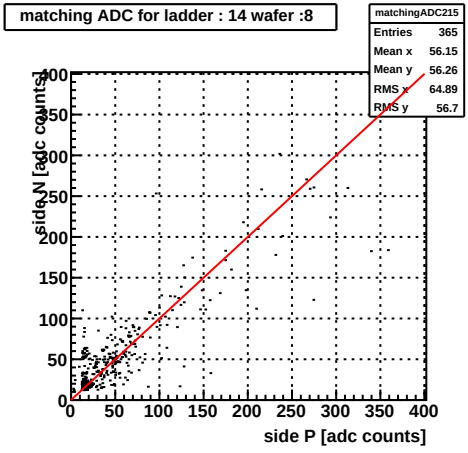

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 234
Mean x 72.74
Mean y 68.86
RMS x 60.32
RMS y 58.01
side N [adc counts]
side P [adc counts]

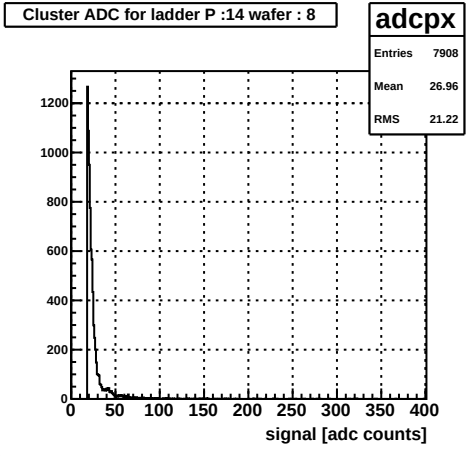

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1211
Mean 41.86
RMS 47.18
signal [adc counts]

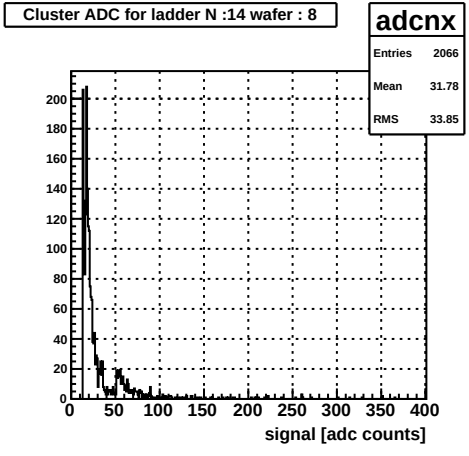

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1048
Mean 30.67
RMS 38.85
signal [adc counts]

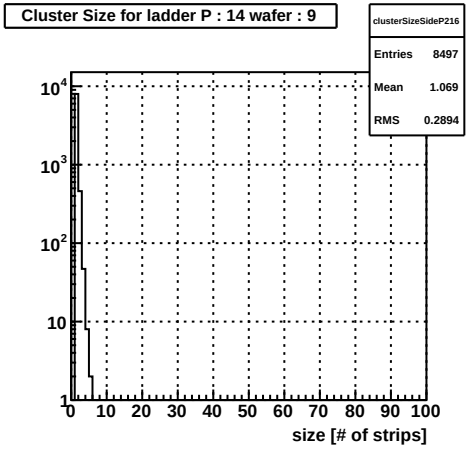

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7908
Mean 1.054
RMS 0.2573
size [# of strips]

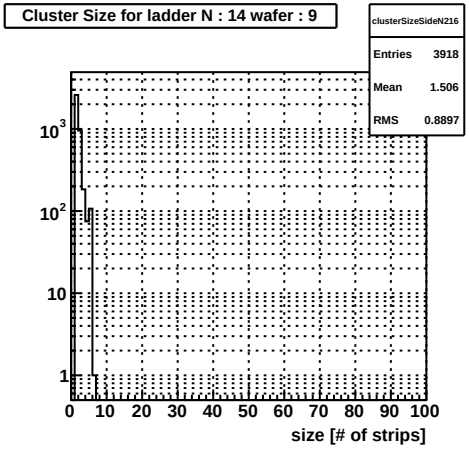

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2066
Mean 1.367
RMS 0.7095
size [# of strips]

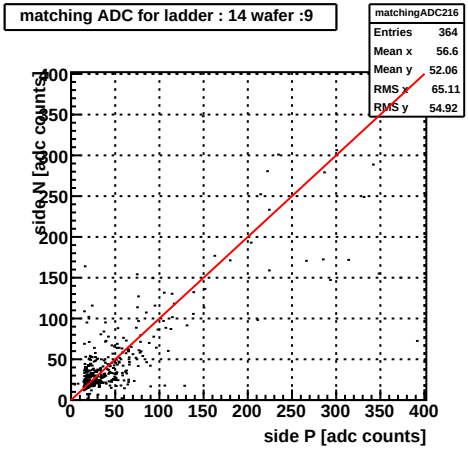

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 365
Mean x 56.15
Mean y 56.26
RMS x 64.89
RMS y 56.7
side N [adc counts]
side P [adc counts]

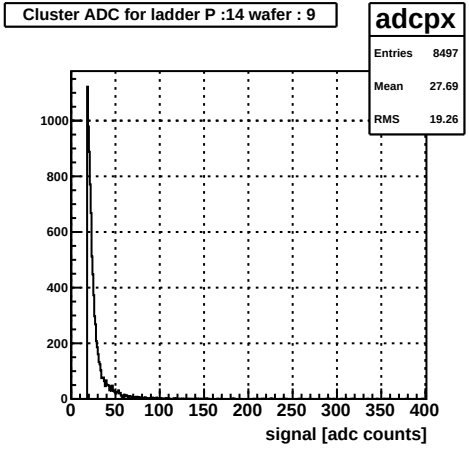

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7908
Mean 26.96
RMS 21.22
signal [adc counts]

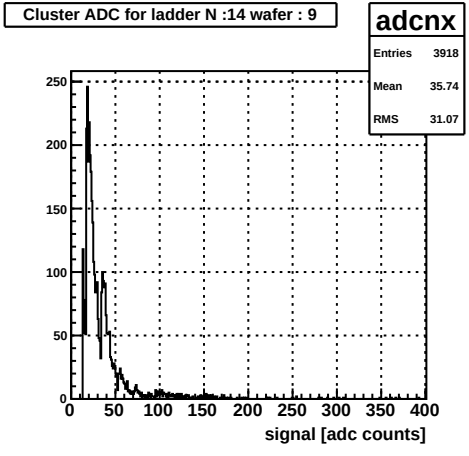

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2066
Mean 31.78
RMS 33.85
signal [adc counts]

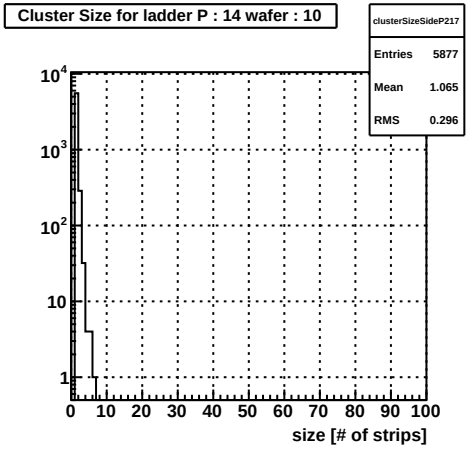

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 8497
Mean 1.069
RMS 0.2894
size [# of strips]

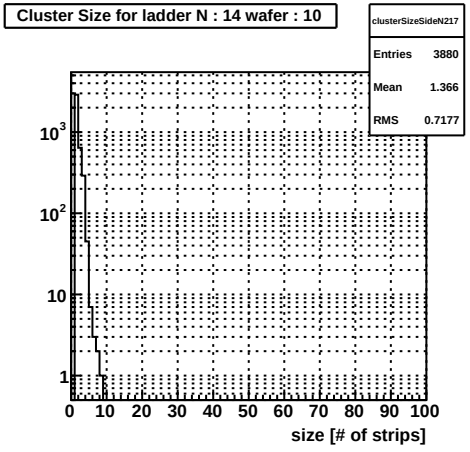

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 3918
Mean 1.506
RMS 0.8897
size [# of strips]

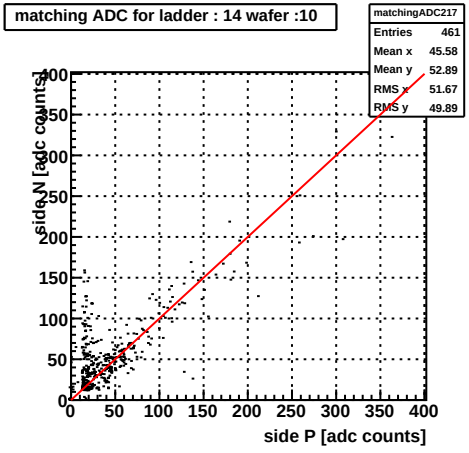

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 364
Mean x 56.6
Mean y 52.06
RMS x 65.11
RMS y 54.92
side N [adc counts]
side P [adc counts]

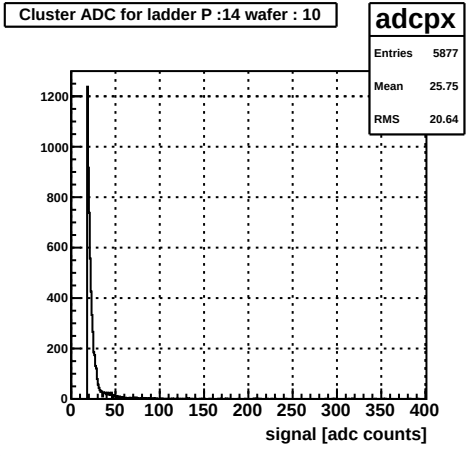

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 8497
Mean 27.69
RMS 19.26
signal [adc counts]

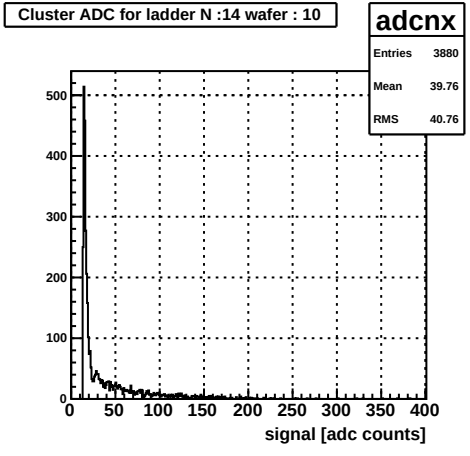

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 3918
Mean 35.74
RMS 31.07
signal [adc counts]

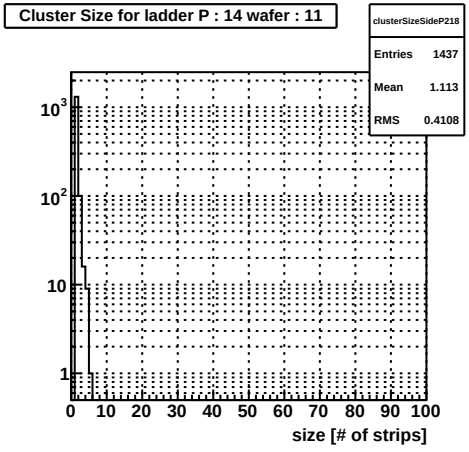

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 5877
Mean 1.065
RMS 0.296
size [# of strips]

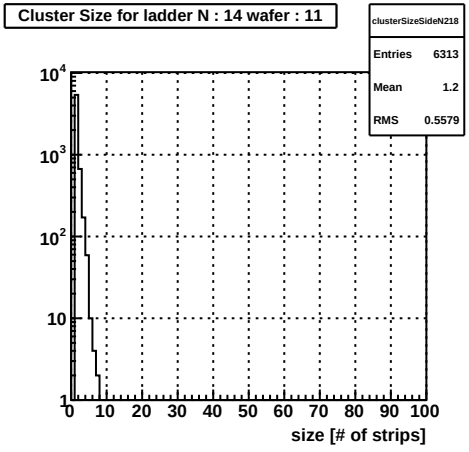

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 3880
Mean 1.366
RMS 0.7177
size [# of strips]

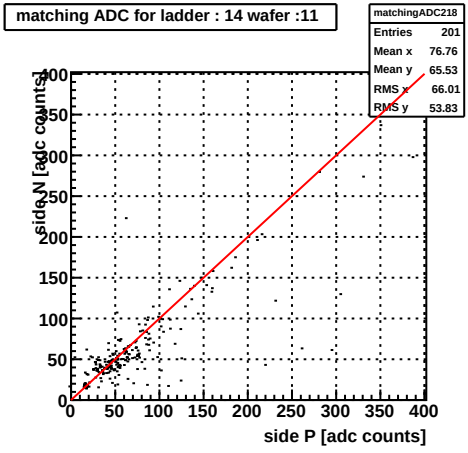

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 461
Mean x 45.58
Mean y 52.89
RMS x 51.67
RMS y 49.89
side N [adc counts]
side P [adc counts]

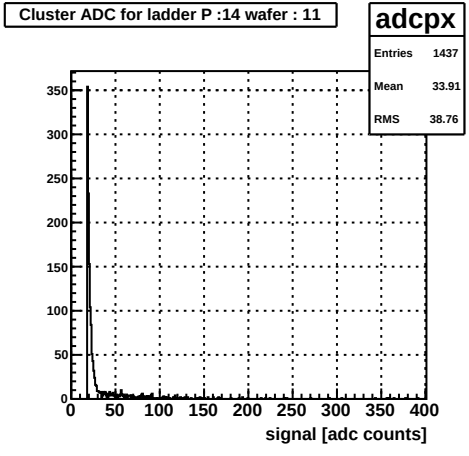

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 5877
Mean 25.75
RMS 20.64
signal [adc counts]

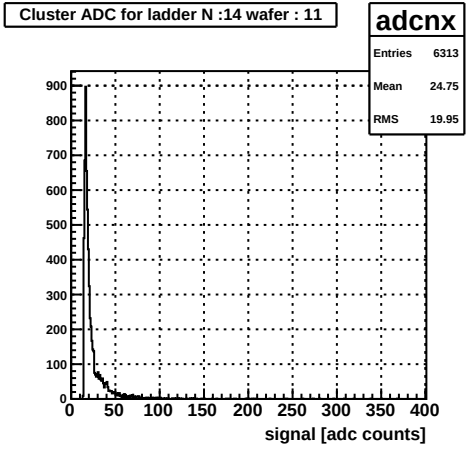

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 3880
Mean 39.76
RMS 40.76
signal [adc counts]

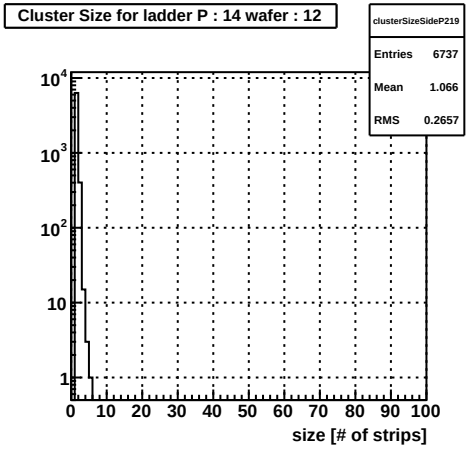

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1437
Mean 1.113
RMS 0.4108
size [# of strips]

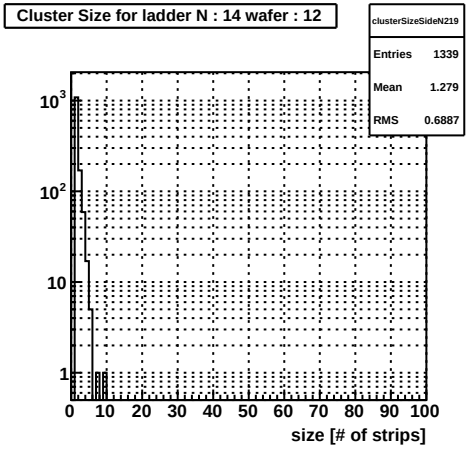

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6313
Mean 1.2
RMS 0.5579
size [# of strips]

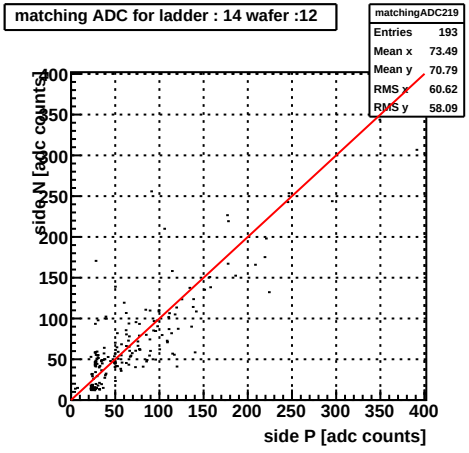

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 201
Mean x 76.76
Mean y 65.53
RMS x 66.01
RMS y 53.83
side N [adc counts]
side P [adc counts]

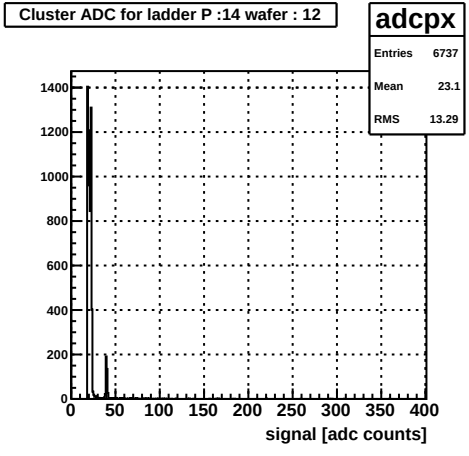

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1437
Mean 33.91
RMS 38.76
signal [adc counts]

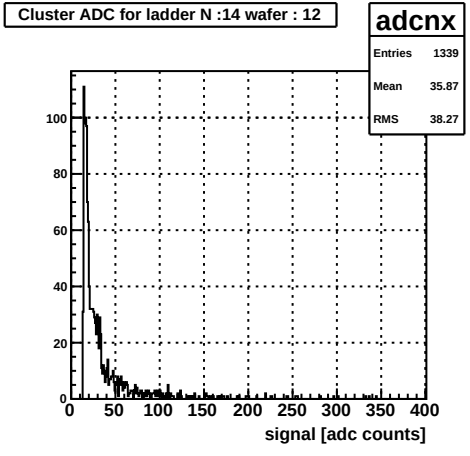

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6313
Mean 24.75
RMS 19.95
signal [adc counts]

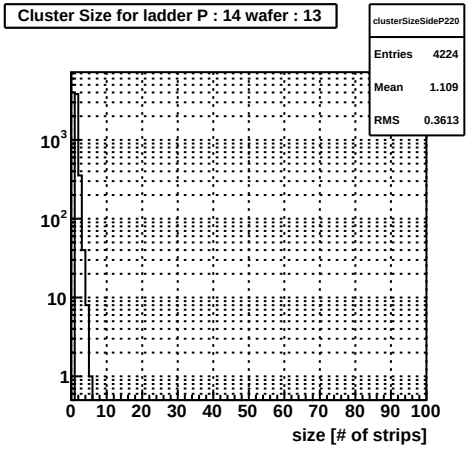

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 6737
Mean 1.066
RMS 0.2657
size [# of strips]

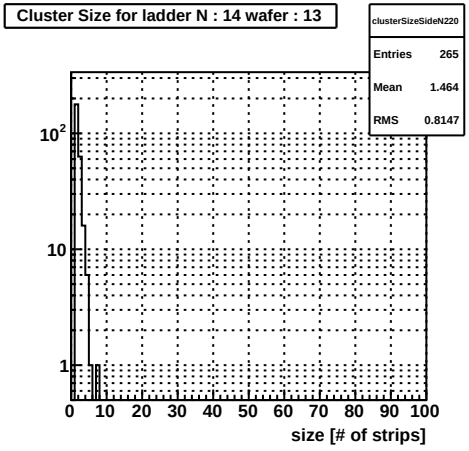

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1339
Mean 1.279
RMS 0.6887
size [# of strips]

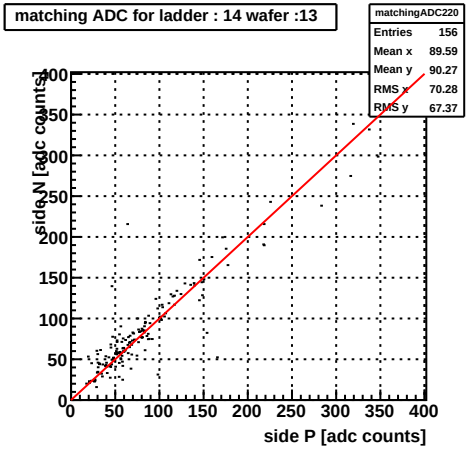

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 193
Mean x 73.49
Mean y 70.79
RMS x 60.62
RMS y 58.09
side N [adc counts]
side P [adc counts]

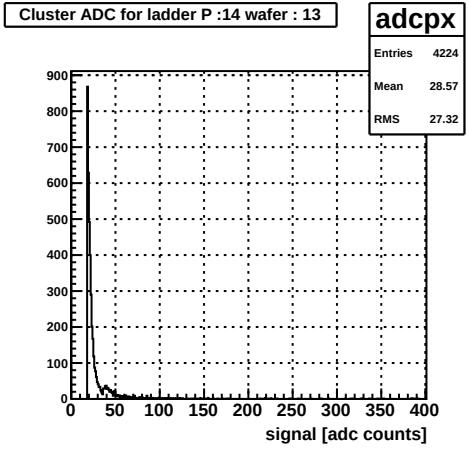

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 6737
Mean 23.1
RMS 13.29
signal [adc counts]

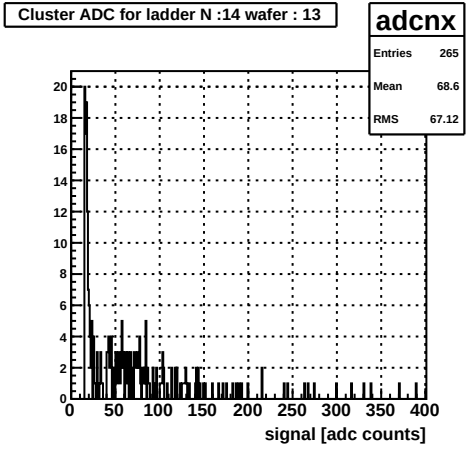

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1339
Mean 35.87
RMS 38.27
signal [adc counts]

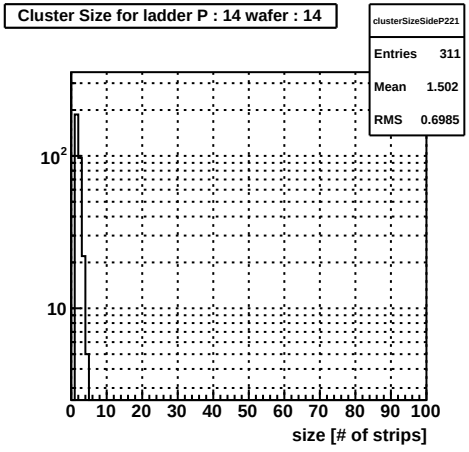

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 4224
Mean 1.109
RMS 0.3613
size [# of strips]

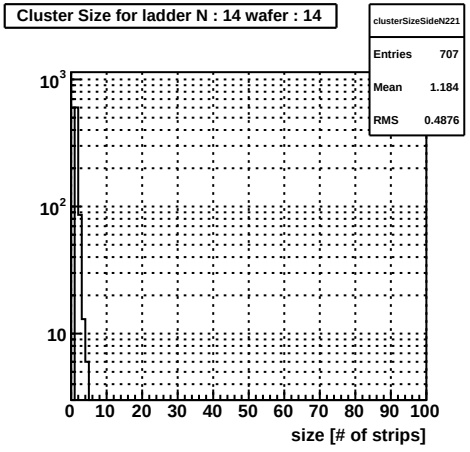

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 265
Mean 1.464
RMS 0.8147
size [# of strips]

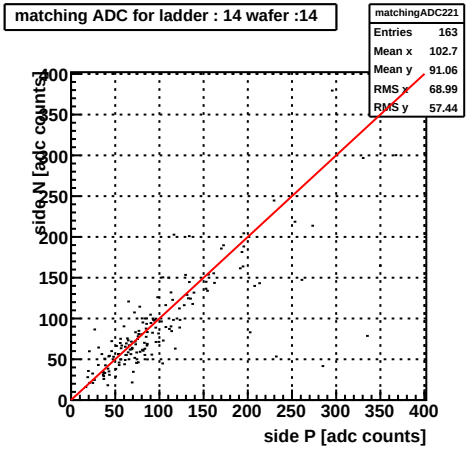

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 156
Mean x 89.59
Mean y 90.27
RMS x 70.28
RMS y 67.37
side N [adc counts]
side P [adc counts]

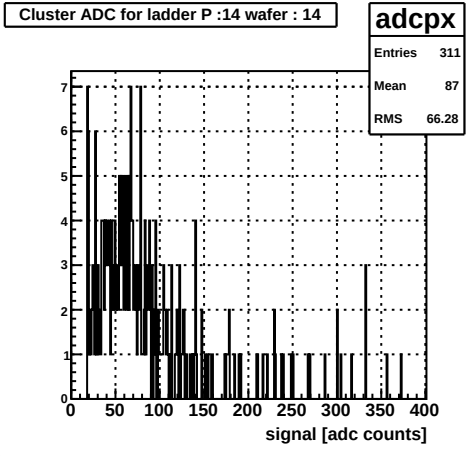

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 4224
Mean 28.57
RMS 27.32
signal [adc counts]

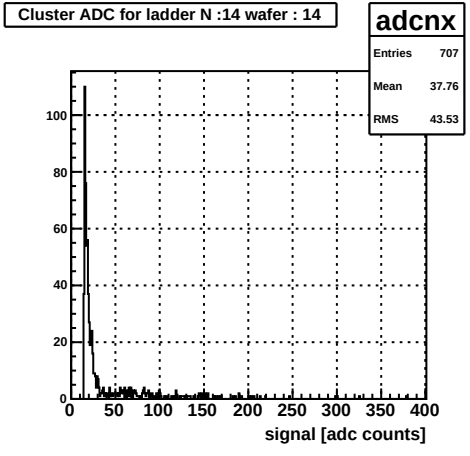

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 265
Mean 68.6
RMS 67.12
signal [adc counts]

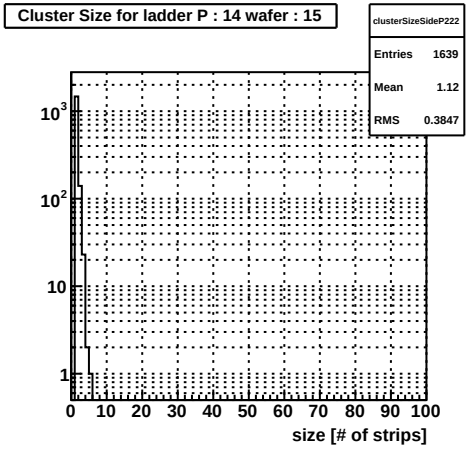

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 311
Mean 1.502
RMS 0.6985
size [# of strips]

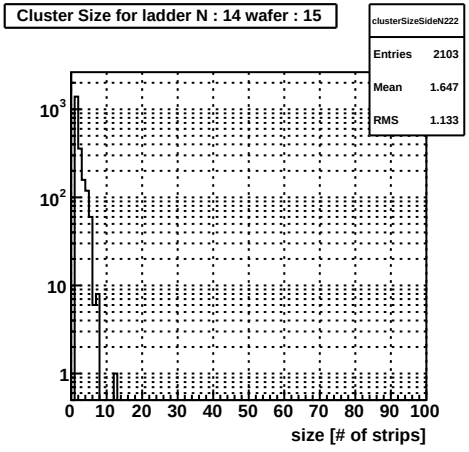

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 707
Mean 1.184
RMS 0.4876
size [# of strips]

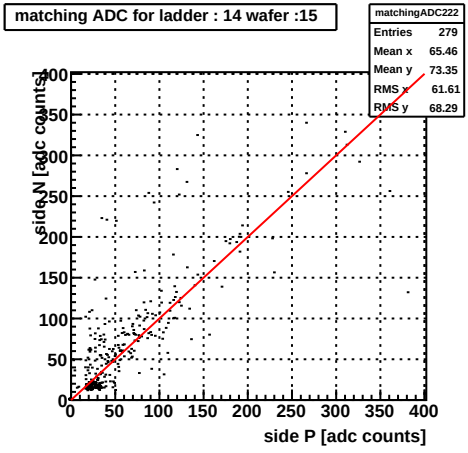

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 163
Mean x 102.7
Mean y 91.06
RMS x 68.99
RMS y 57.44
side N [adc counts]
side P [adc counts]

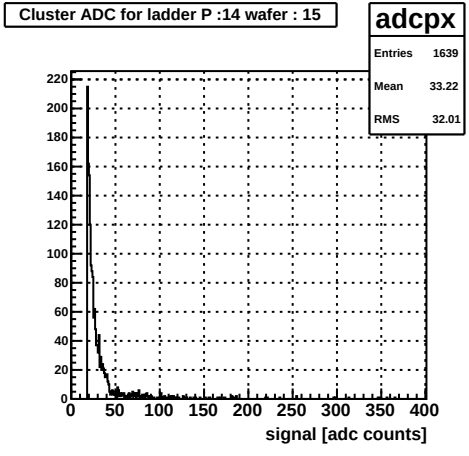

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 311
Mean 87
RMS 66.28
signal [adc counts]

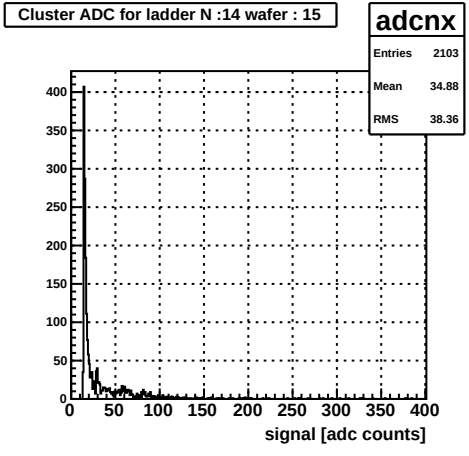

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 707
Mean 37.76
RMS 43.53
signal [adc counts]

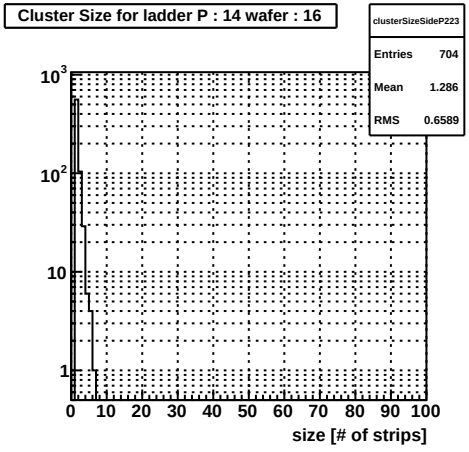

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1639
Mean 1.12
RMS 0.3847
size [# of strips]

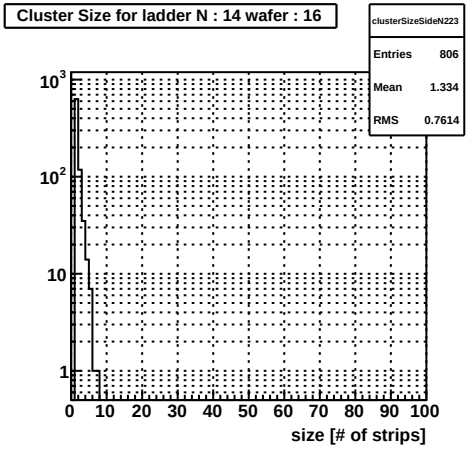

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2103
Mean 1.647
RMS 1.133
size [# of strips]

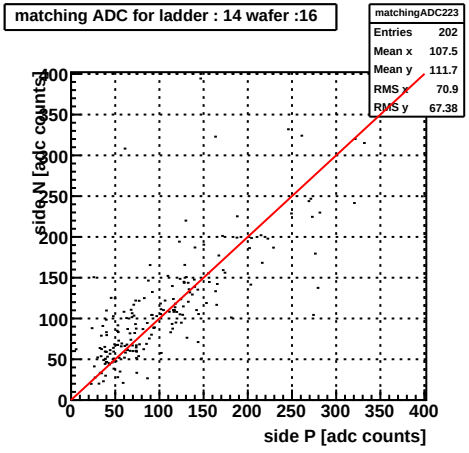

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 279
Mean x 65.46
Mean y 73.35
RMS x 61.61
RMS y 68.29
side N [adc counts]
side P [adc counts]

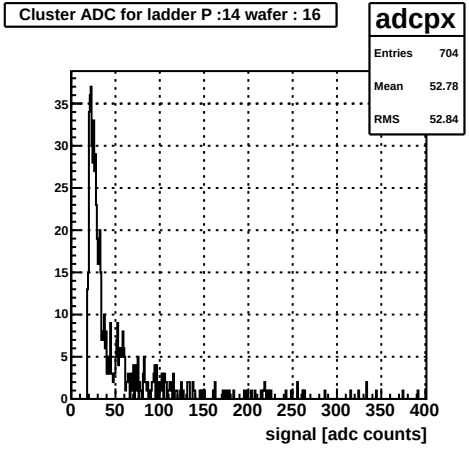

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1639
Mean 33.22
RMS 32.01
signal [adc counts]

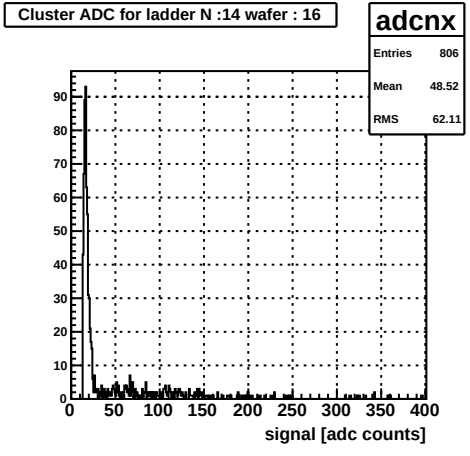

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2103
Mean 34.88
RMS 38.36
signal [adc counts]

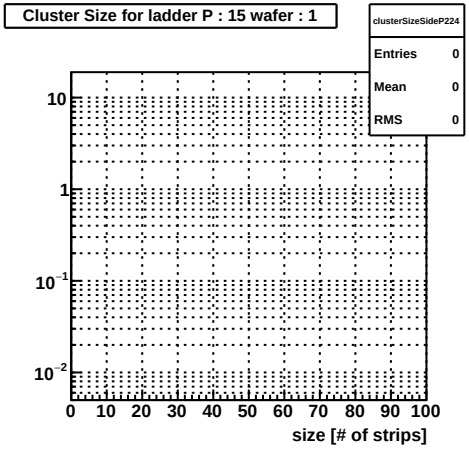

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 704
Mean 1.286
RMS 0.6589
size [# of strips]

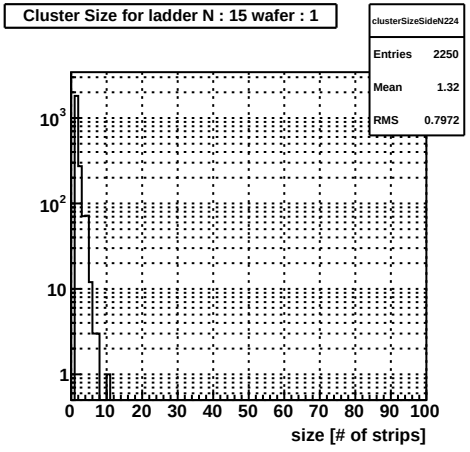

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 806
Mean 1.334
RMS 0.7614
size [# of strips]

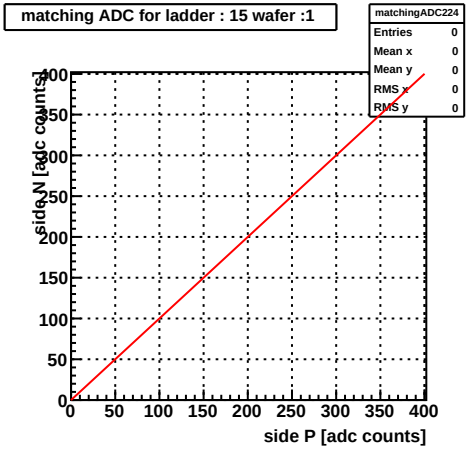

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 202
Mean x 107.5
Mean y 111.7
RMS x 70.9
RMS y 67.38
side N [adc counts]
side P [adc counts]

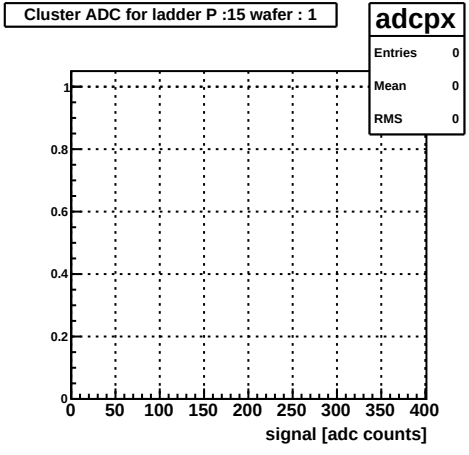

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 704
Mean 52.78
RMS 52.84
signal [adc counts]

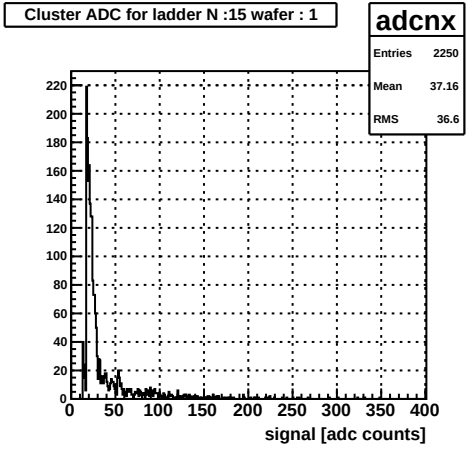

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 806
Mean 48.52
RMS 62.11
signal [adc counts]

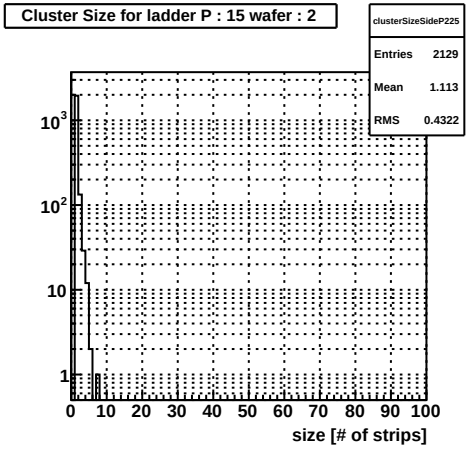

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

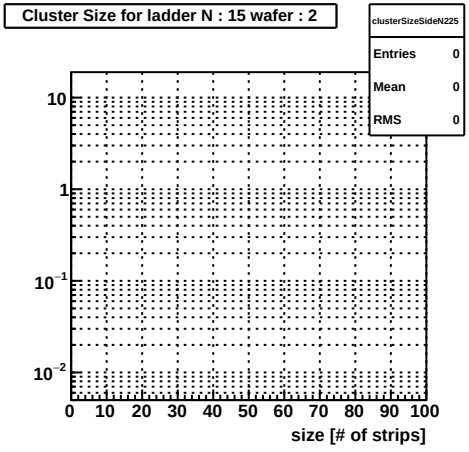

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2250
Mean 1.32
RMS 0.7972
size [# of strips]

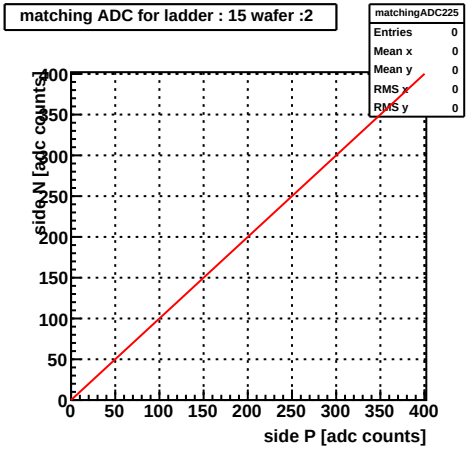

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

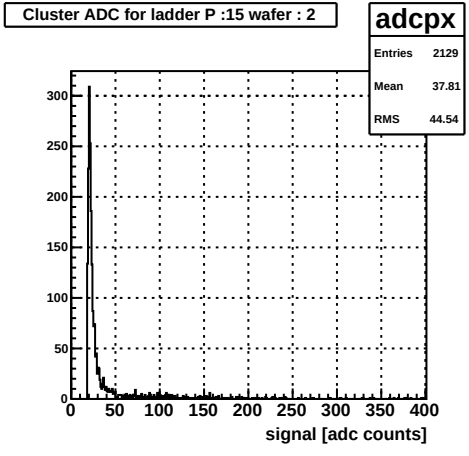

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

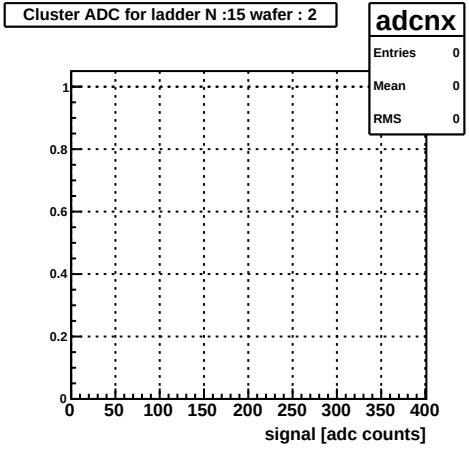

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2250
Mean 37.16
RMS 36.6
signal [adc counts]

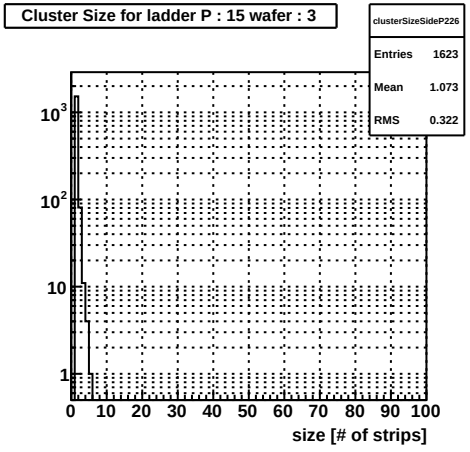

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2129
Mean 1.113
RMS 0.4322
size [# of strips]

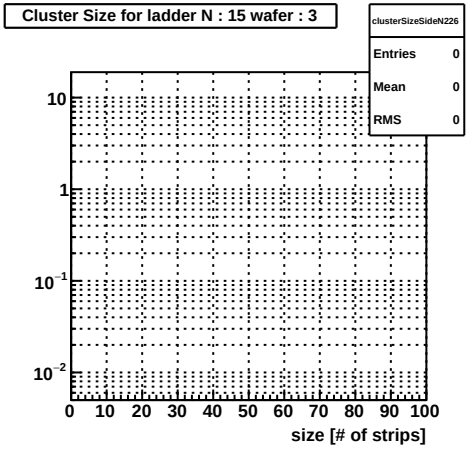

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

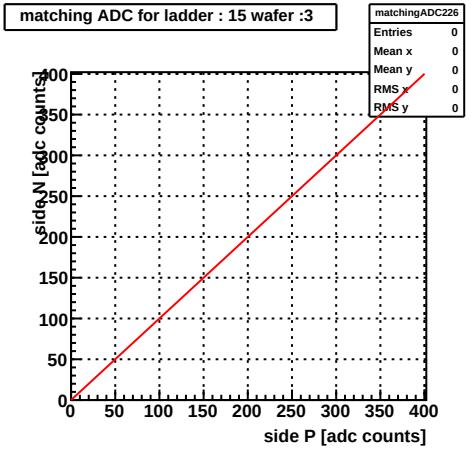

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

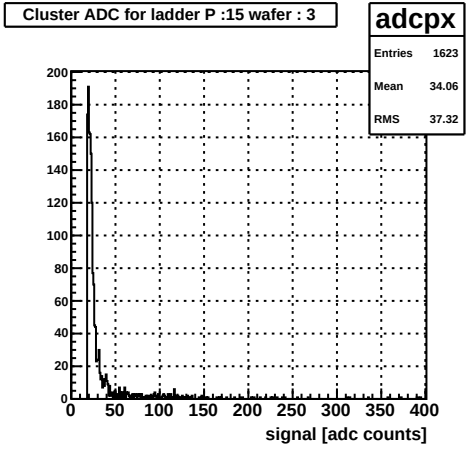

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2129
Mean 37.81
RMS 44.54
signal [adc counts]

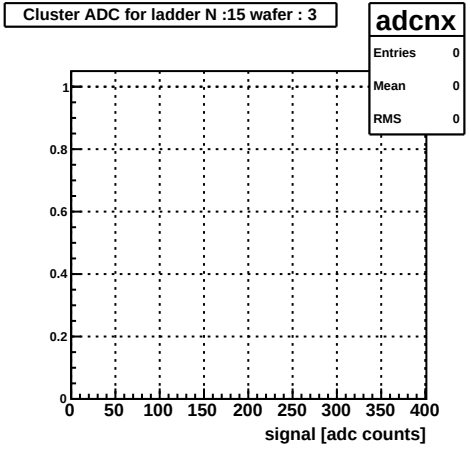

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

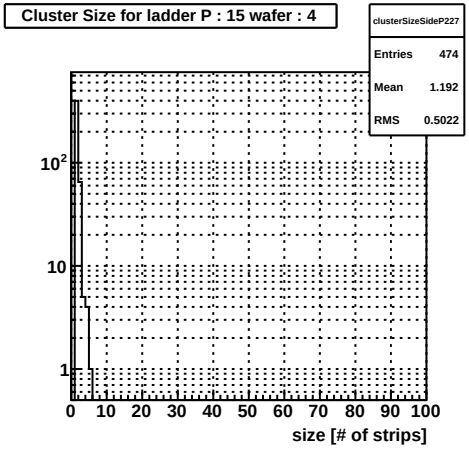

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1623
Mean 1.073
RMS 0.322
size [# of strips]

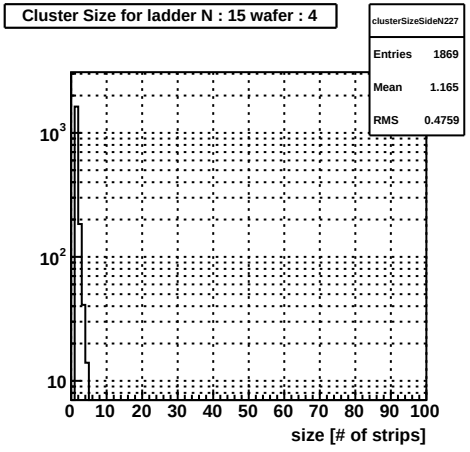

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

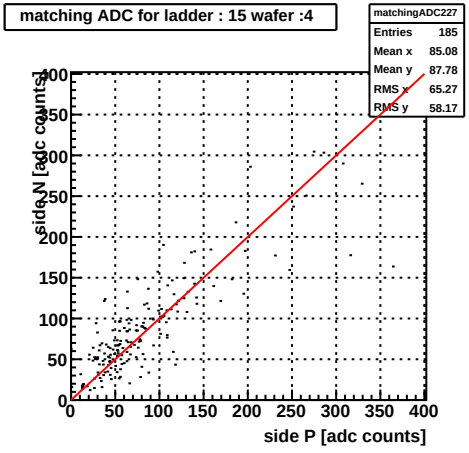

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

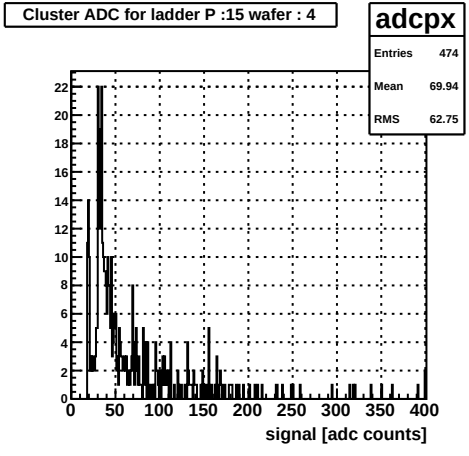

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1623
Mean 34.06
RMS 37.32
signal [adc counts]

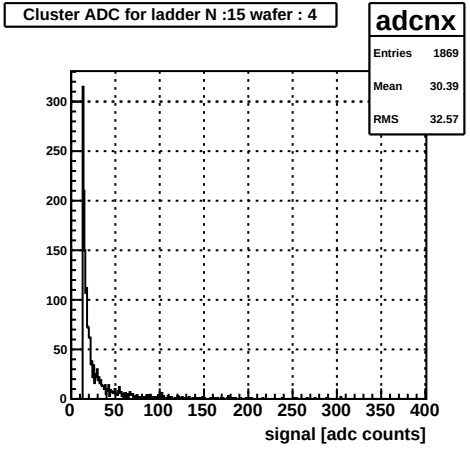

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

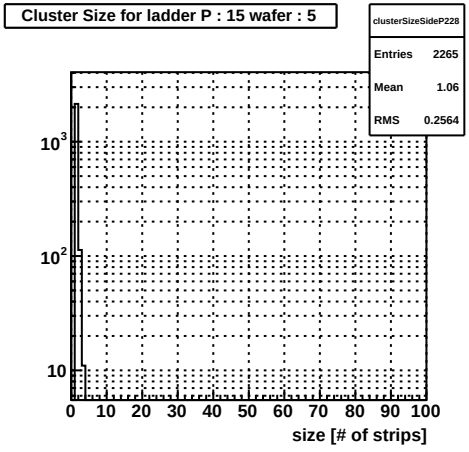

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 474
Mean 1.192
RMS 0.5022
size [# of strips]

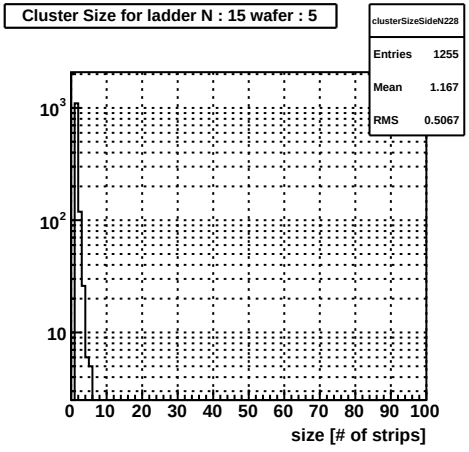

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1869
Mean 1.165
RMS 0.4759
size [# of strips]

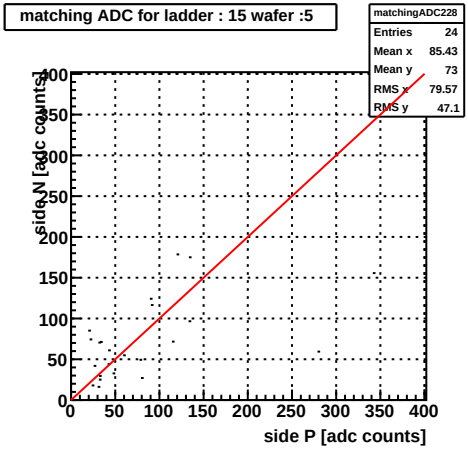

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 185
Mean x 85.08
Mean y 87.78
RMS x 65.27
RMS y 58.17
side N [adc counts]
side P [adc counts]

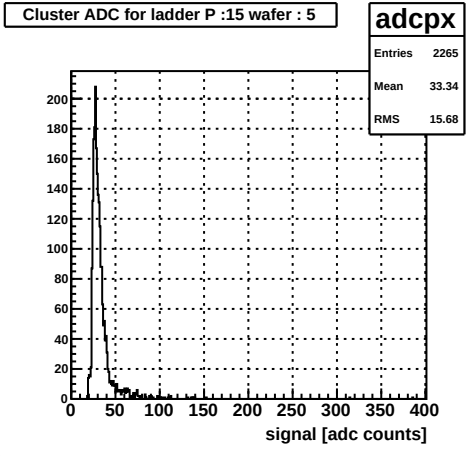

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 474
Mean 69.94
RMS 62.75
signal [adc counts]

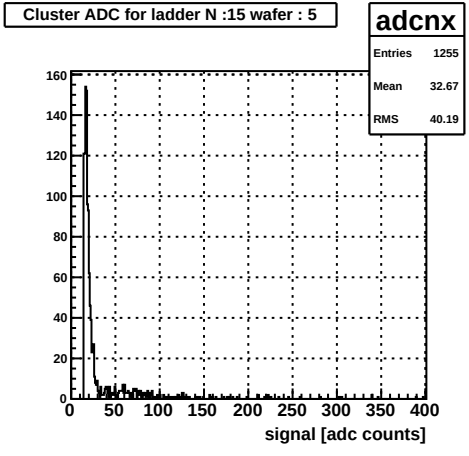

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1869
Mean 30.39
RMS 32.57
signal [adc counts]

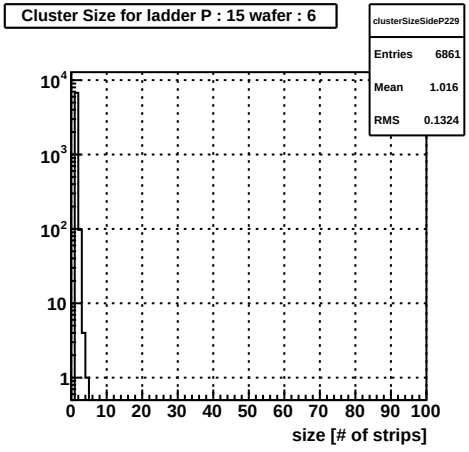

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2265
Mean 1.06
RMS 0.2564
size [# of strips]

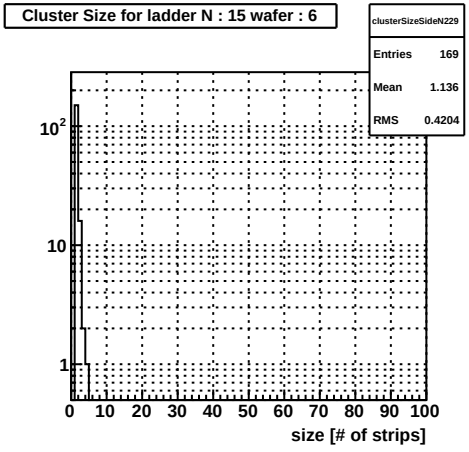

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1255
Mean 1.167
RMS 0.5067
size [# of strips]

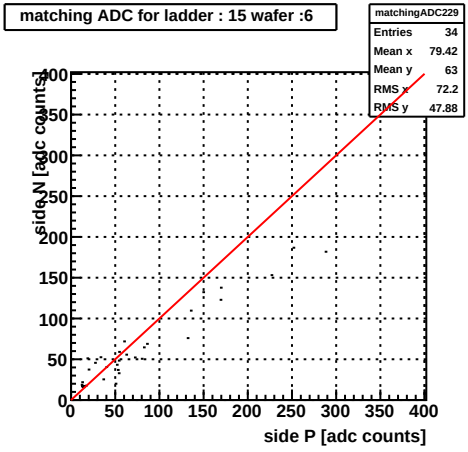

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 24
Mean x 85.43
Mean y 73
RMS x 79.57
RMS y 47.1
side N [adc counts]
side P [adc counts]

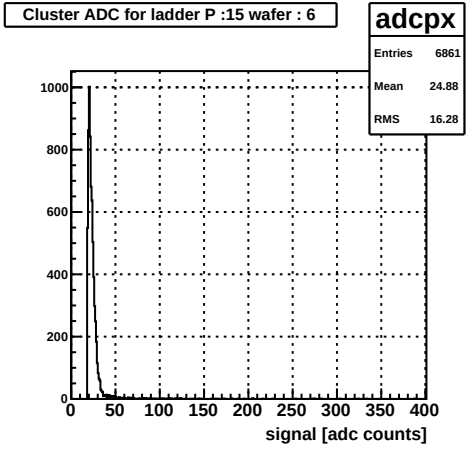

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2265
Mean 33.34
RMS 15.68
signal [adc counts]

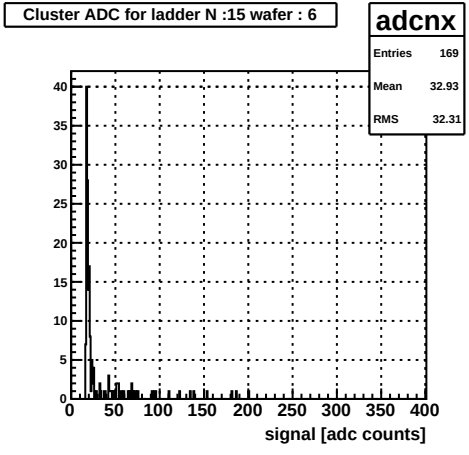

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1255
Mean 32.67
RMS 40.19
signal [adc counts]

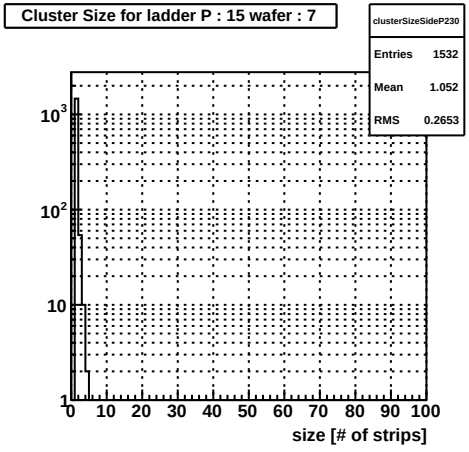

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 6861
Mean 1.016
RMS 0.1324
size [# of strips]

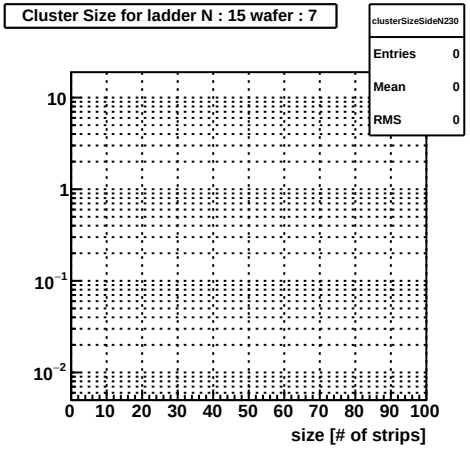

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 169
Mean 1.136
RMS 0.4204
size [# of strips]

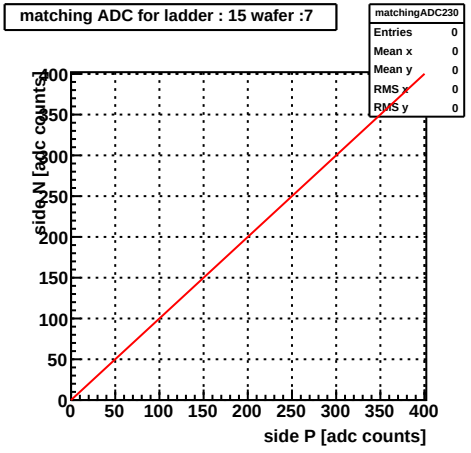

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 34
Mean x 79.42
Mean y 63
RMS x 72.2
RMS y 47.88
side N [adc counts]
side P [adc counts]

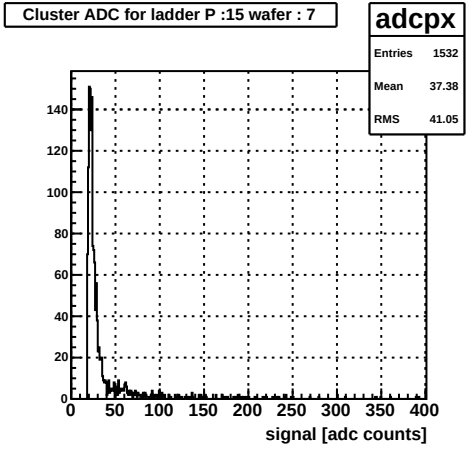

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 6861
Mean 24.88
RMS 16.28
signal [adc counts]

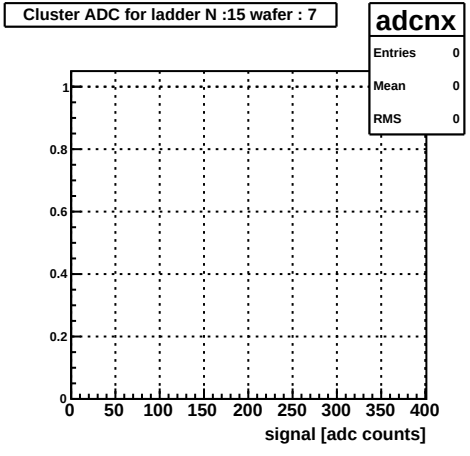

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 169
Mean 32.93
RMS 32.31
signal [adc counts]

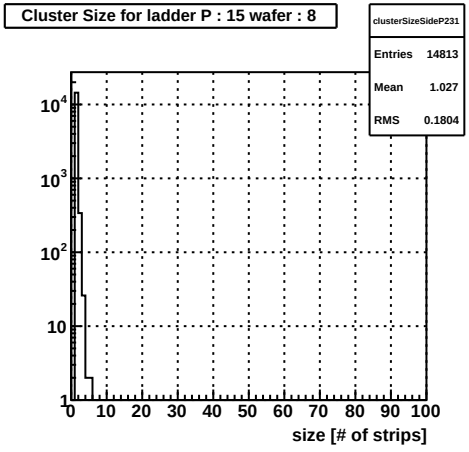

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1532
Mean 1.052
RMS 0.2653
size [# of strips]

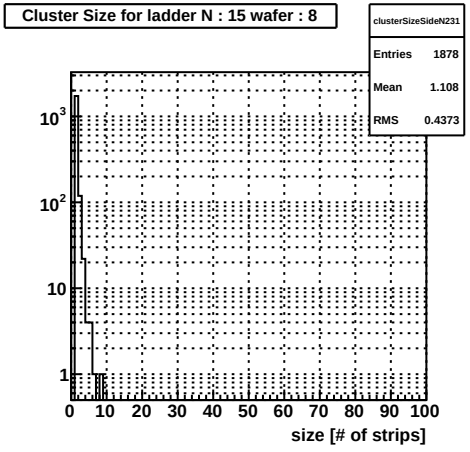

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

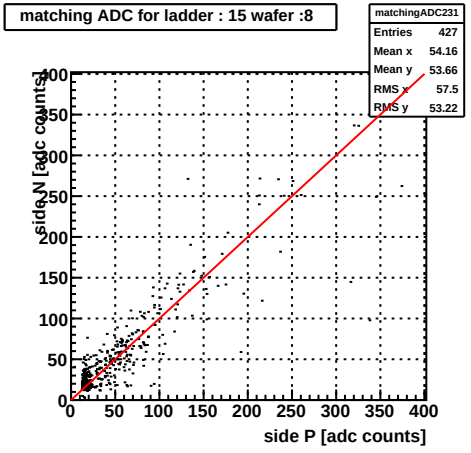

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

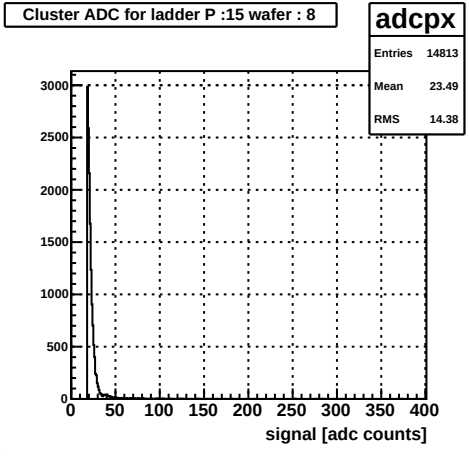

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1532
Mean 37.38
RMS 41.05
signal [adc counts]

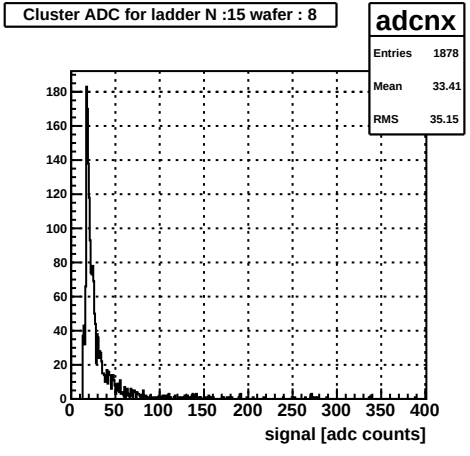

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

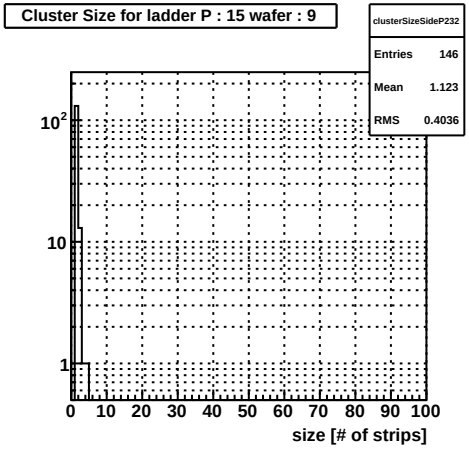

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 14813
Mean 1.027
RMS 0.1804
size [# of strips]

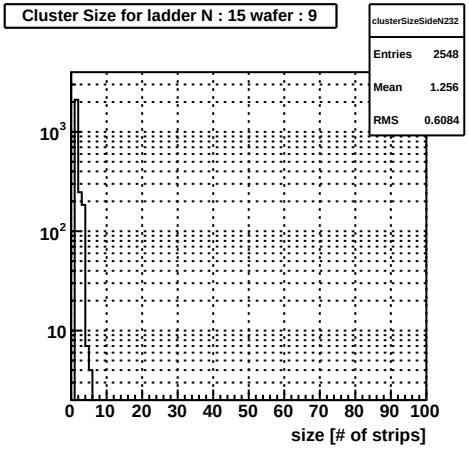

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1878
Mean 1.108
RMS 0.4373
size [# of strips]

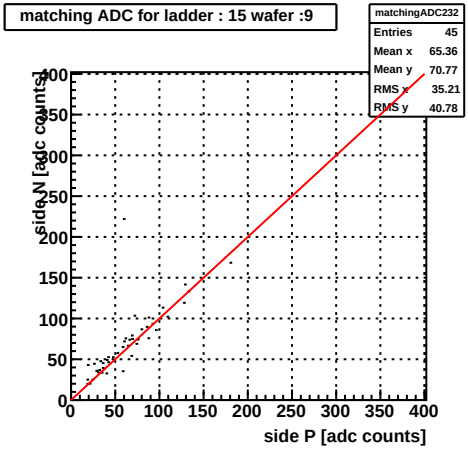

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 427
Mean x 54.16
Mean y 53.66
RMS x 57.5
RMS y 53.22
side N [adc counts]
side P [adc counts]

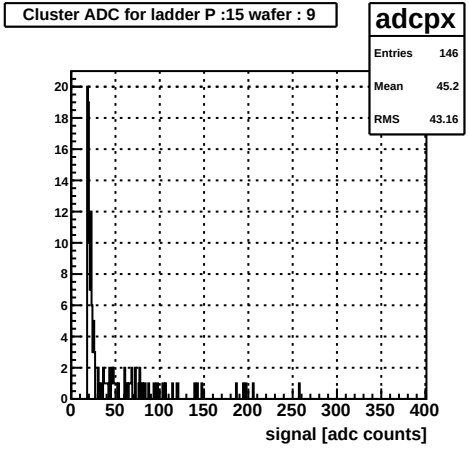

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 14813
Mean 23.49
RMS 14.38
signal [adc counts]

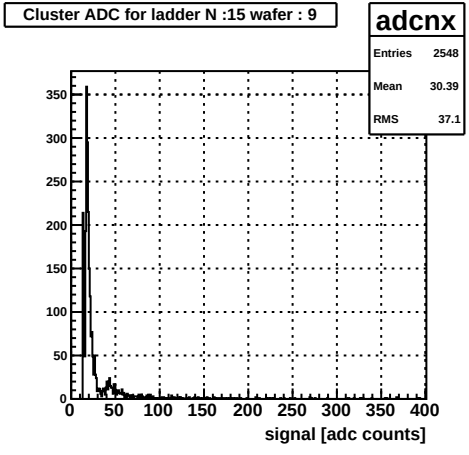

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1878
Mean 33.41
RMS 35.15
signal [adc counts]

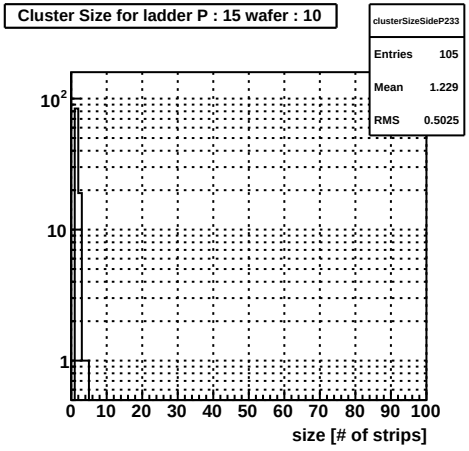

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 146
Mean 1.123
RMS 0.4036
size [# of strips]

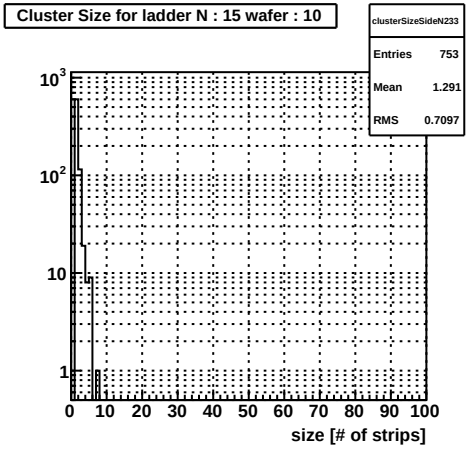

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2548
Mean 1.256
RMS 0.6084
size [# of strips]

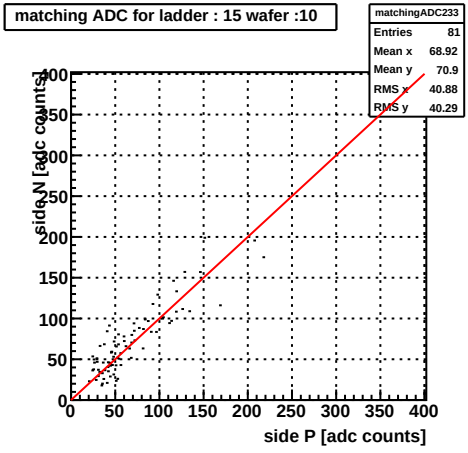

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 45
Mean x 65.36
Mean y 70.77
RMS x 35.21
RMS y 40.78
side N [adc counts]
side P [adc counts]

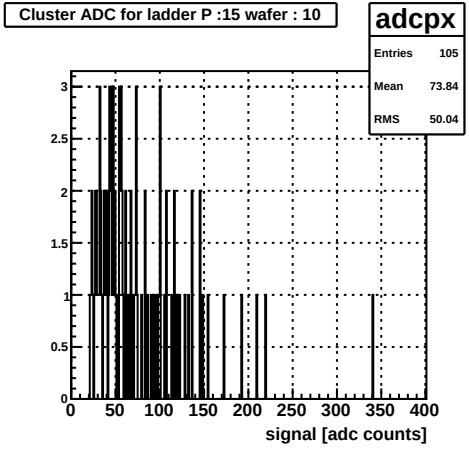

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 146
Mean 45.2
RMS 43.16
signal [adc counts]

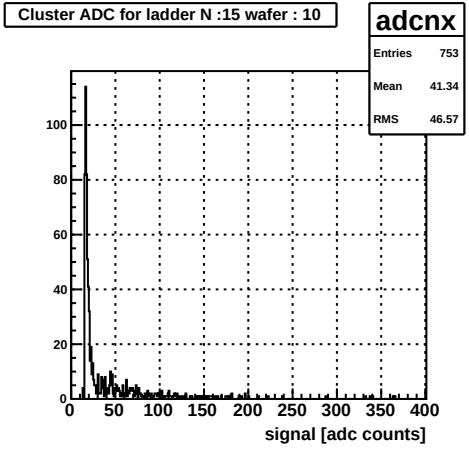

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2548
Mean 30.39
RMS 37.1
signal [adc counts]

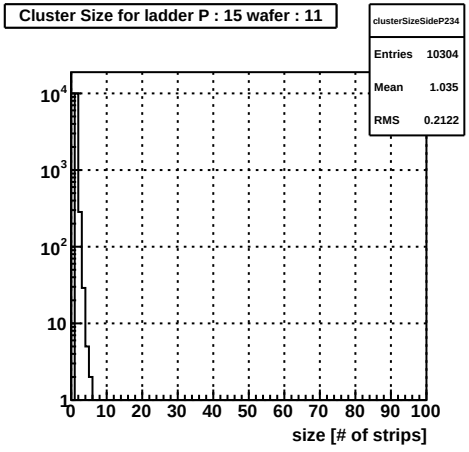

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 105
Mean 1.229
RMS 0.5025
size [# of strips]

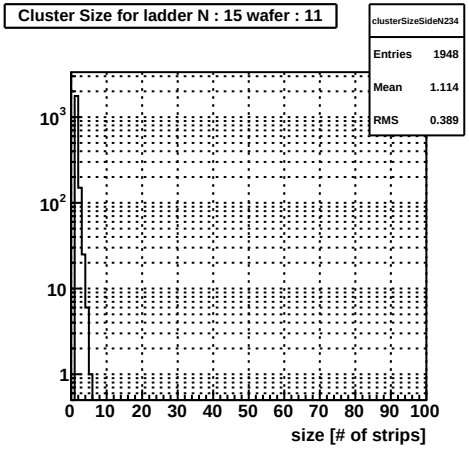

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 753
Mean 1.291
RMS 0.7097
size [# of strips]

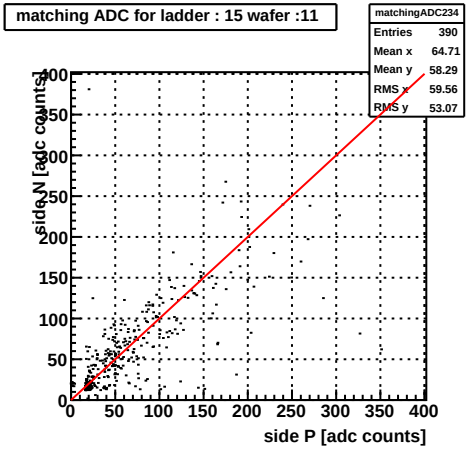

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 81
Mean x 68.92
Mean y 70.9
RMS x 40.88
RMS y 40.29
side N [adc counts]
side P [adc counts]

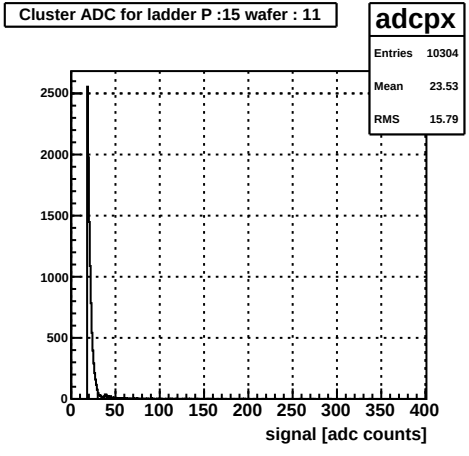

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 105
Mean 73.84
RMS 50.04
signal [adc counts]

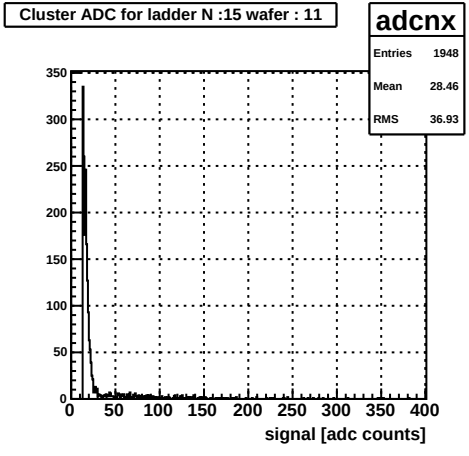

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 753
Mean 41.34
RMS 46.57
signal [adc counts]

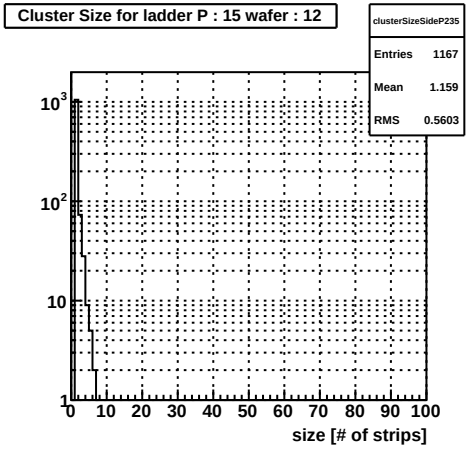

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 10304
Mean 1.035
RMS 0.2122
size [# of strips]

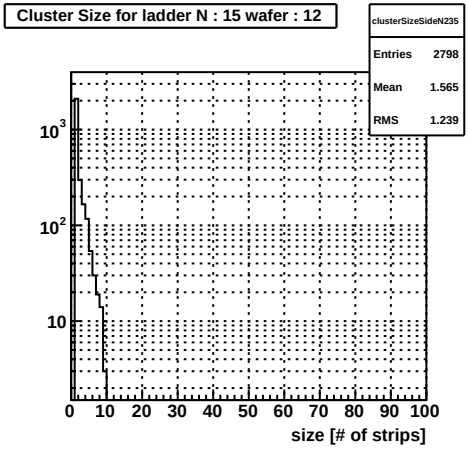

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1948
Mean 1.114
RMS 0.389
size [# of strips]

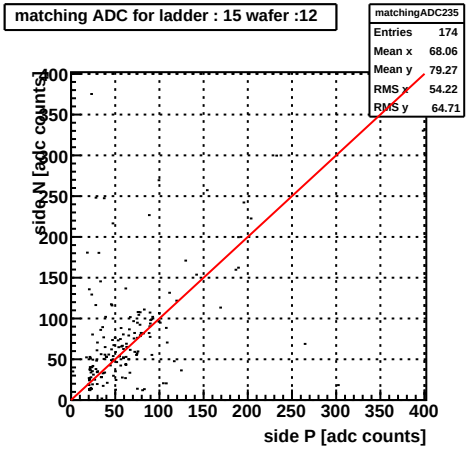

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 390
Mean x 64.71
Mean y 58.29
RMS x 59.56
RMS y 53.07
side N [adc counts]
side P [adc counts]

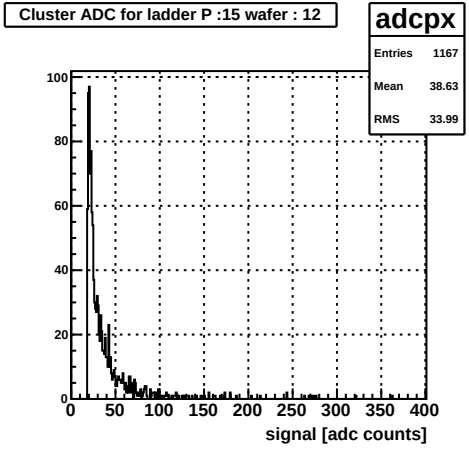

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 10304
Mean 23.53
RMS 15.79
signal [adc counts]

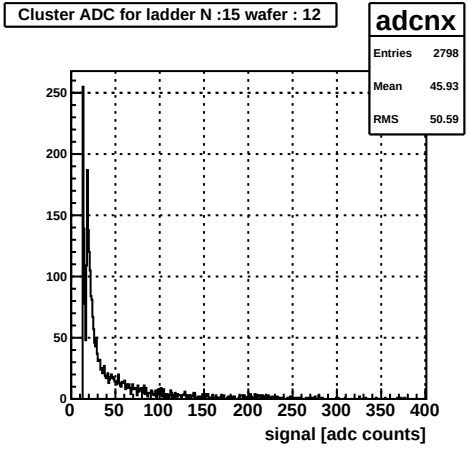

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1948
Mean 28.46
RMS 36.93
signal [adc counts]

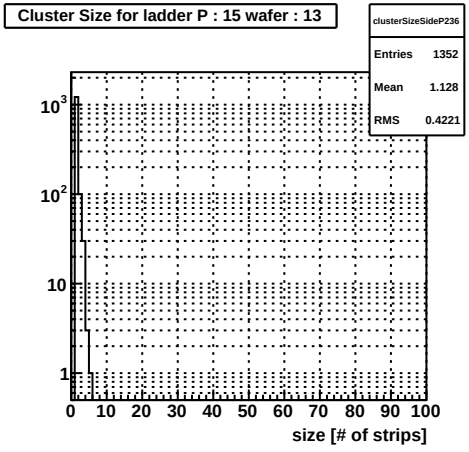

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1167
Mean 1.159
RMS 0.5603
size [# of strips]

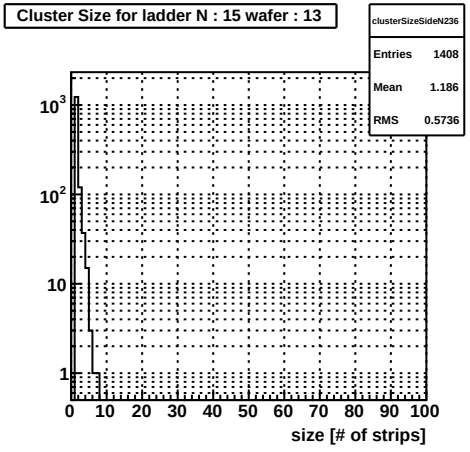

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2798
Mean 1.565
RMS 1.239
size [# of strips]

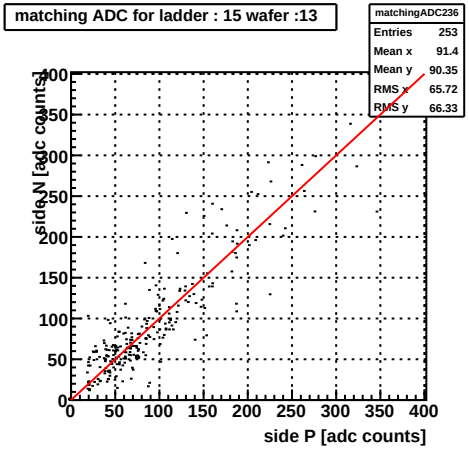

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 174
Mean x 68.06
Mean y 79.27
RMS x 54.22
RMS y 64.71
side N [adc counts]
side P [adc counts]

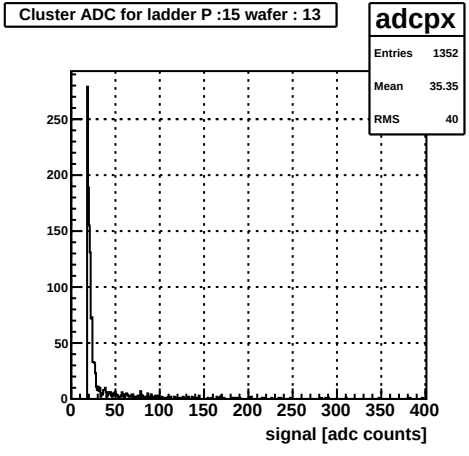

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1167
Mean 38.63
RMS 33.99
signal [adc counts]

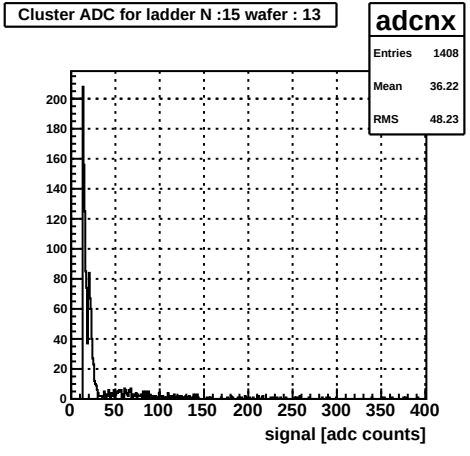

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2798
Mean 45.93
RMS 50.59
signal [adc counts]

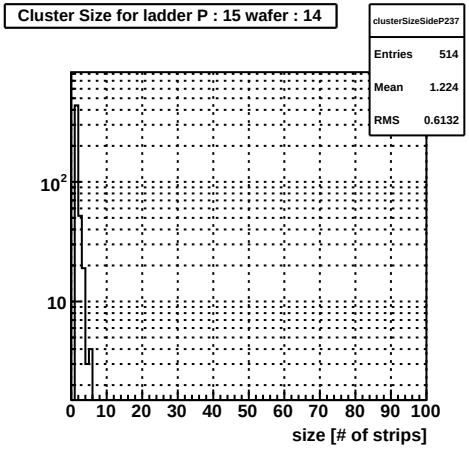

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1352
Mean 1.128
RMS 0.4221
size [# of strips]

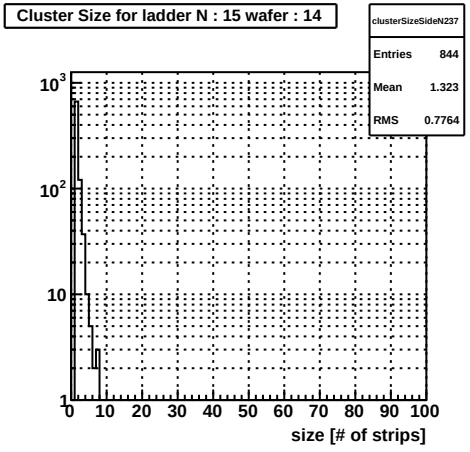

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1408
Mean 1.186
RMS 0.5736
size [# of strips]

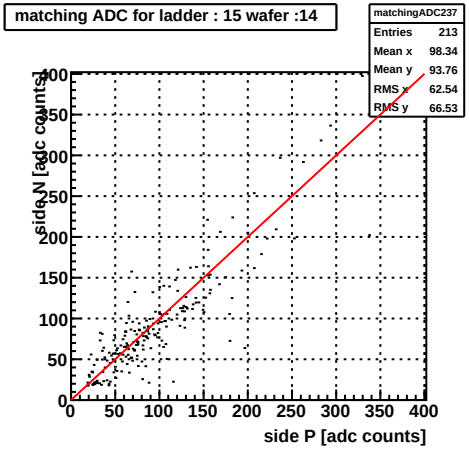

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 253
Mean x 91.4
Mean y 90.35
RMS x 65.72
RMS y 66.33
side N [adc counts]
side P [adc counts]

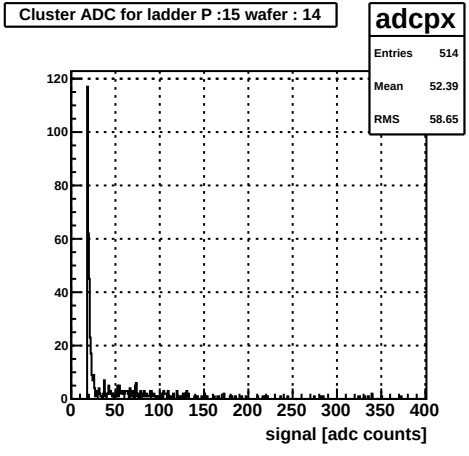

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1352
Mean 35.35
RMS 40
signal [adc counts]

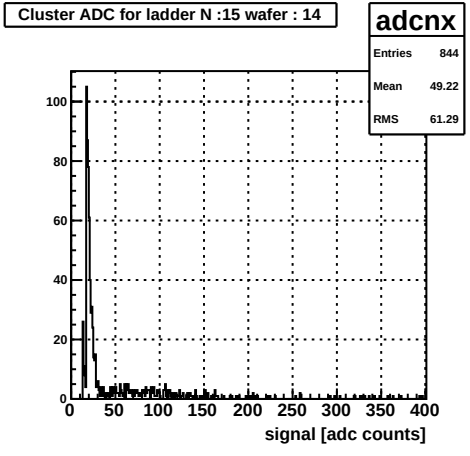

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1408
Mean 36.22
RMS 48.23
signal [adc counts]

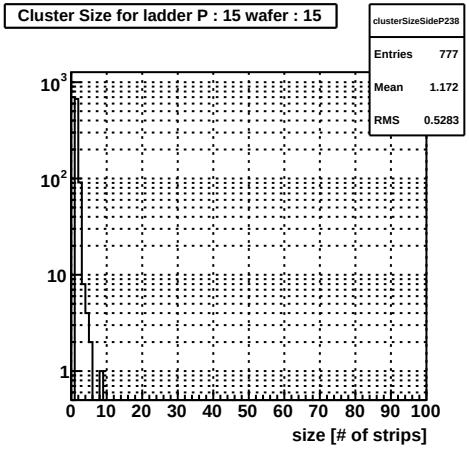

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 514
Mean 1.224
RMS 0.6132
size [# of strips]

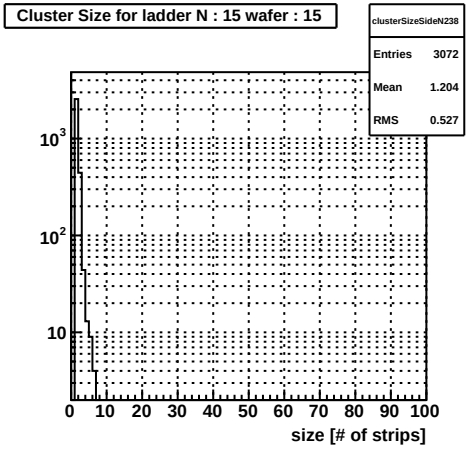

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 844
Mean 1.323
RMS 0.7764
size [# of strips]

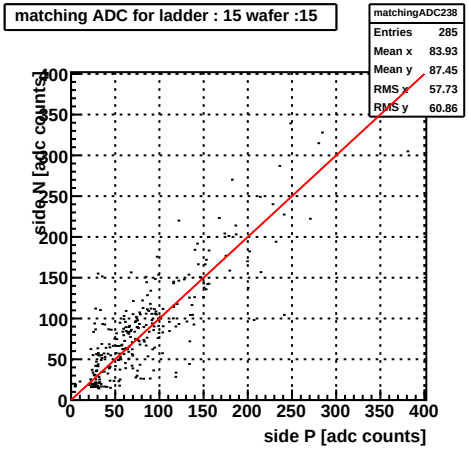

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 213
Mean x 98.34
Mean y 93.76
RMS x 62.54
RMS y 66.53
side N [adc counts]
side P [adc counts]

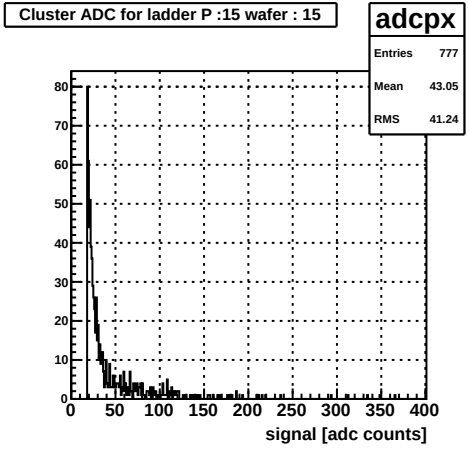

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 514
Mean 52.39
RMS 58.65
signal [adc counts]

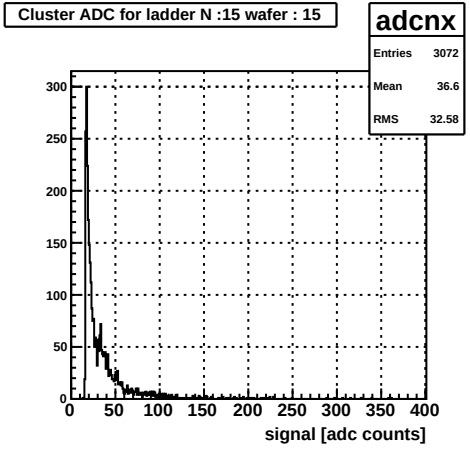

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 844
Mean 49.22
RMS 61.29
signal [adc counts]

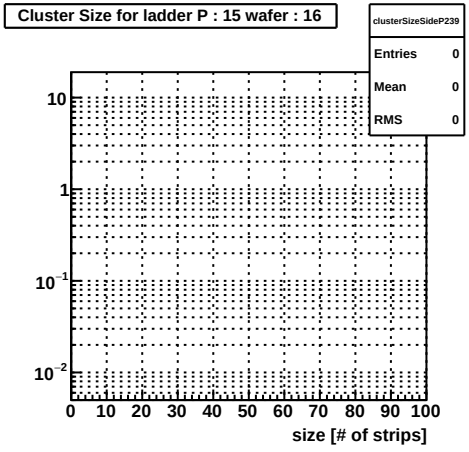

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 777
Mean 1.172
RMS 0.5283
size [# of strips]

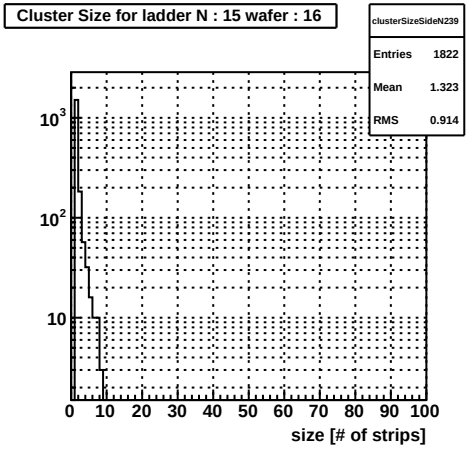

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3072
Mean 1.204
RMS 0.527
size [# of strips]

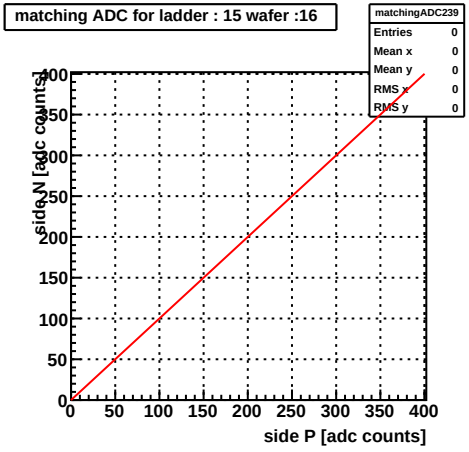

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 285
Mean x 83.93
Mean y 87.45
RMS x 57.73
RMS y 60.86
side N [adc counts]
side P [adc counts]

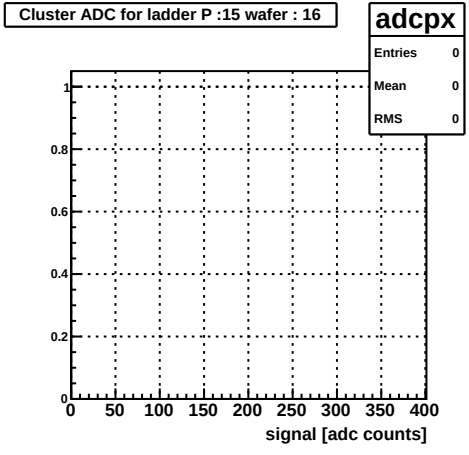

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 777
Mean 43.05
RMS 41.24
signal [adc counts]

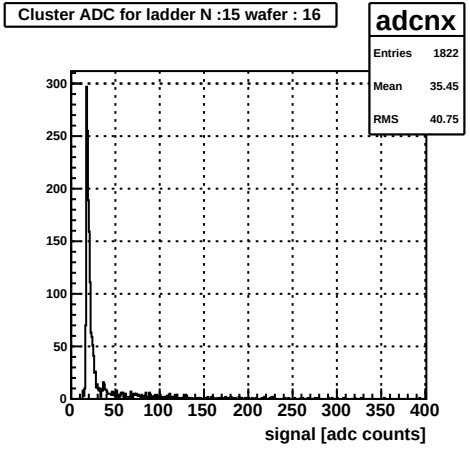

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3072
Mean 36.6
RMS 32.58
signal [adc counts]

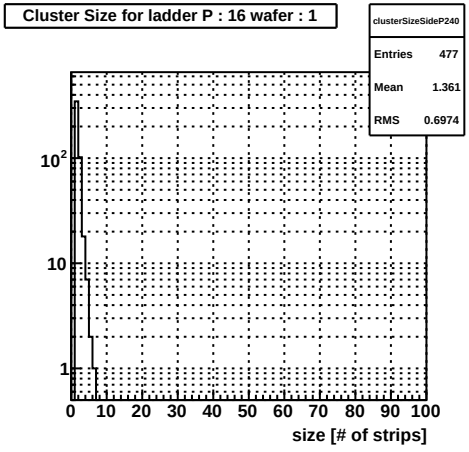

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

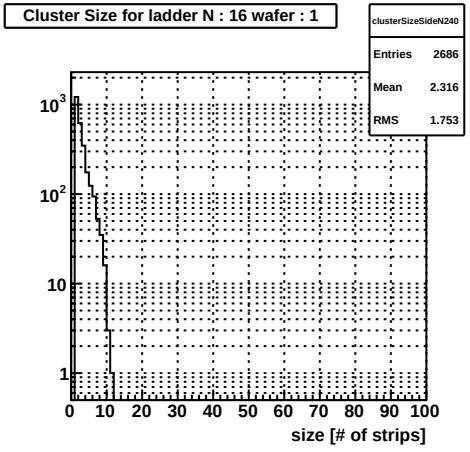

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1822
Mean 1.323
RMS 0.914
size [# of strips]

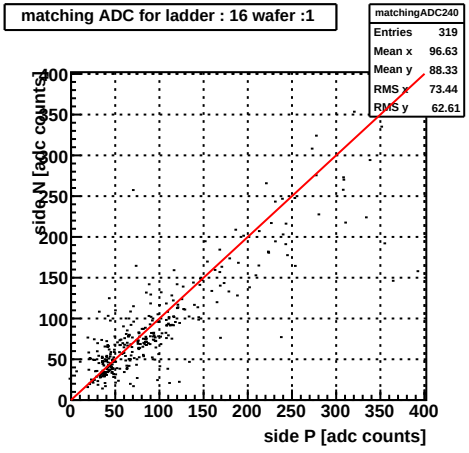

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

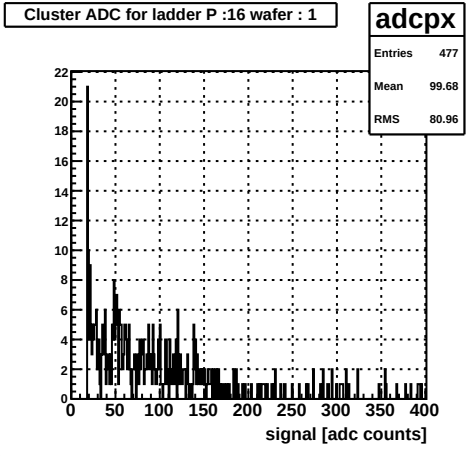

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

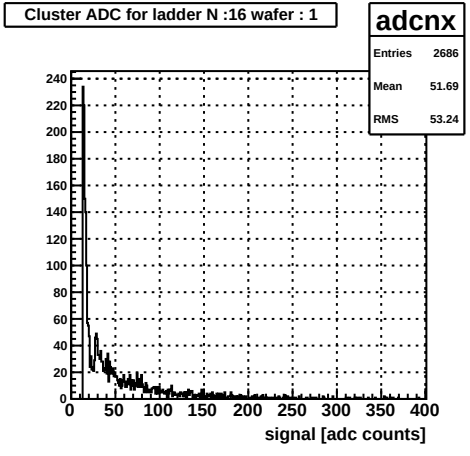

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1822
Mean 35.45
RMS 40.75
signal [adc counts]

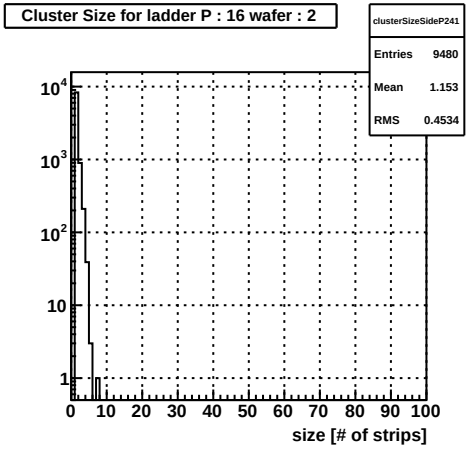

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 477
Mean 1.361
RMS 0.6974
size [# of strips]

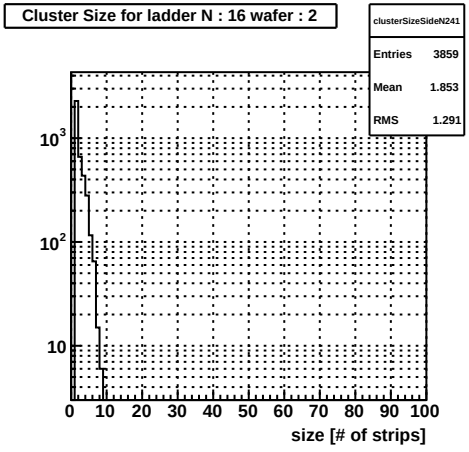

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2686
Mean 2.316
RMS 1.753
size [# of strips]

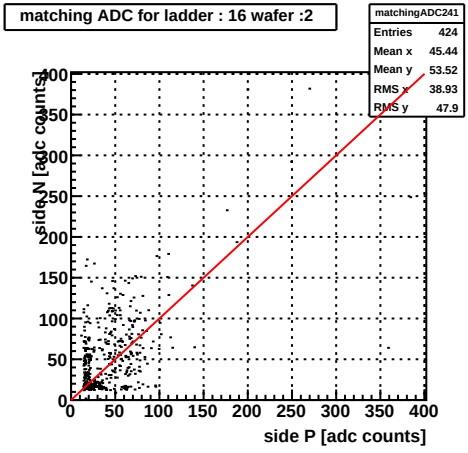

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 319
Mean x 96.63
Mean y 88.33
RMS x 73.44
RMS y 62.61
side N [adc counts]
side P [adc counts]

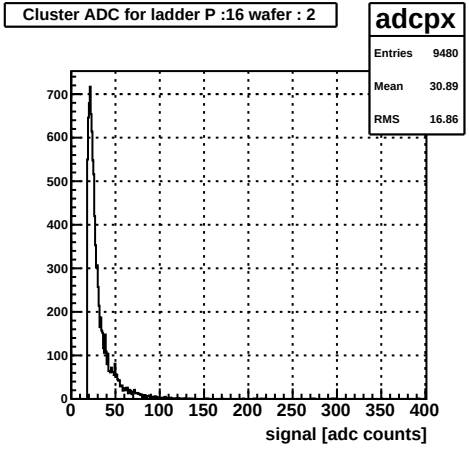

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 477
Mean 99.68
RMS 80.96
signal [adc counts]

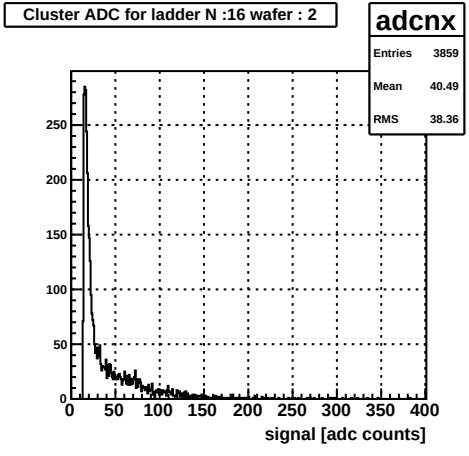

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2686
Mean 51.69
RMS 53.24
signal [adc counts]

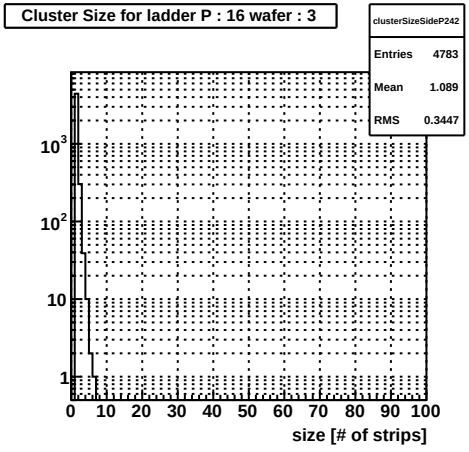

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9480
Mean 1.153
RMS 0.4534
size [# of strips]

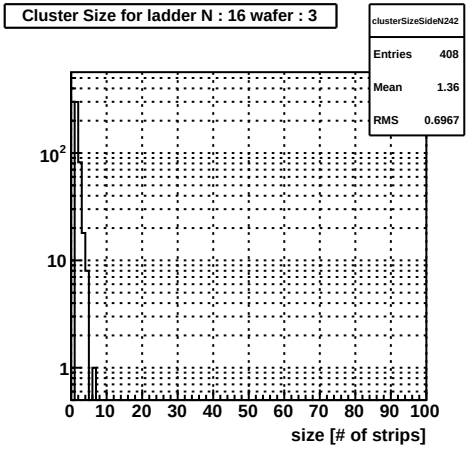

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 3859
Mean 1.853
RMS 1.291
size [# of strips]

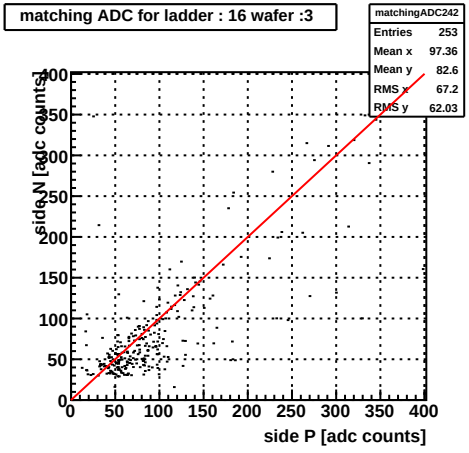

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 424
Mean x 45.44
Mean y 53.52
RMS x 38.93
RMS y 47.9
side N [adc counts]
side P [adc counts]

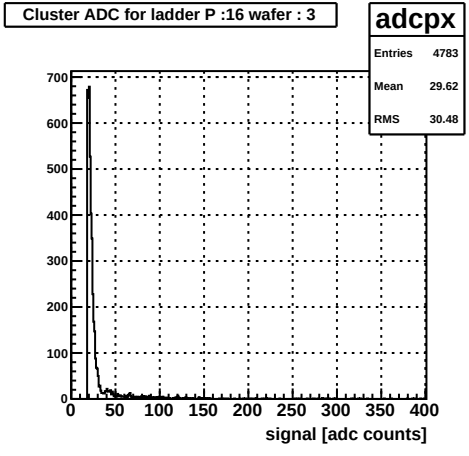

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9480
Mean 30.89
RMS 16.86
signal [adc counts]

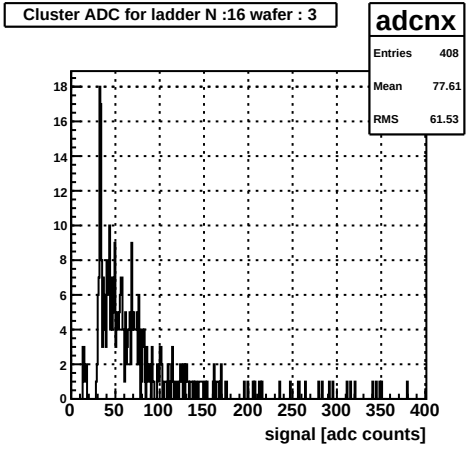

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 3859
Mean 40.49
RMS 38.36
signal [adc counts]

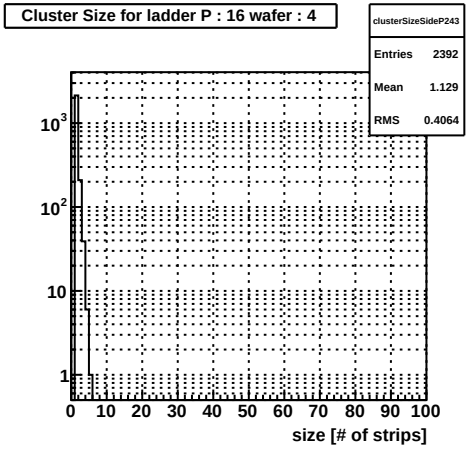

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 4783
Mean 1.089
RMS 0.3447
size [# of strips]

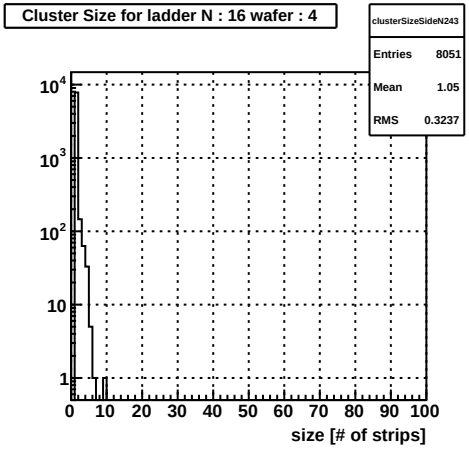

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 408
Mean 1.36
RMS 0.6967
size [# of strips]

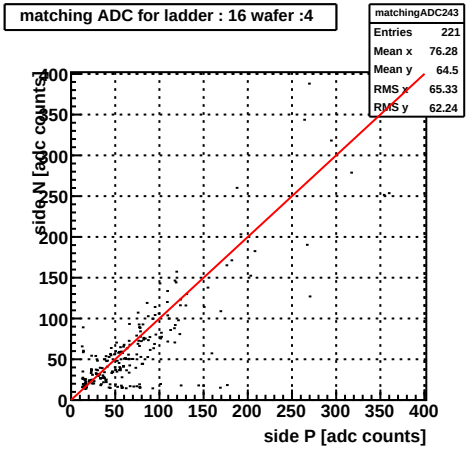

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 253
Mean x 97.36
Mean y 82.6
RMS x 67.2
RMS y 62.03
side N [adc counts]
side P [adc counts]

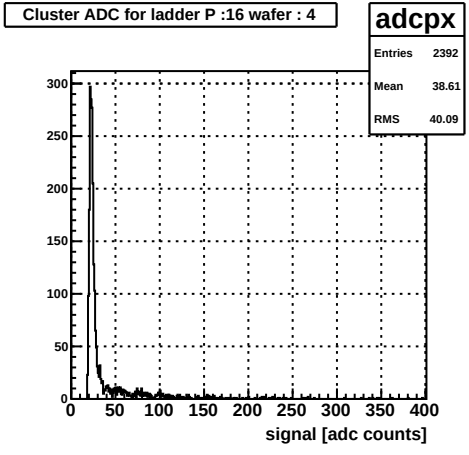

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 4783
Mean 29.62
RMS 30.48
signal [adc counts]

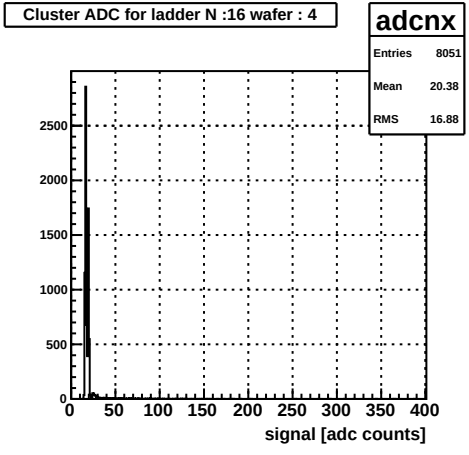

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 408
Mean 77.61
RMS 61.53
signal [adc counts]

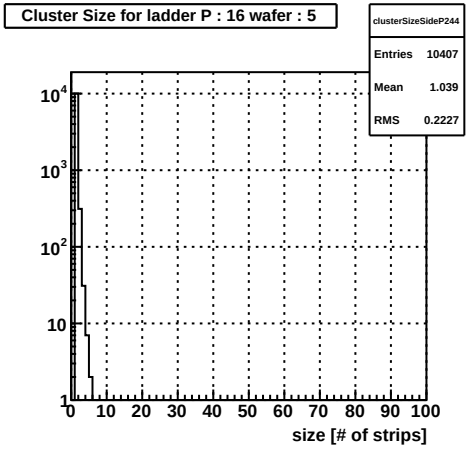

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2392
Mean 1.129
RMS 0.4064
size [# of strips]

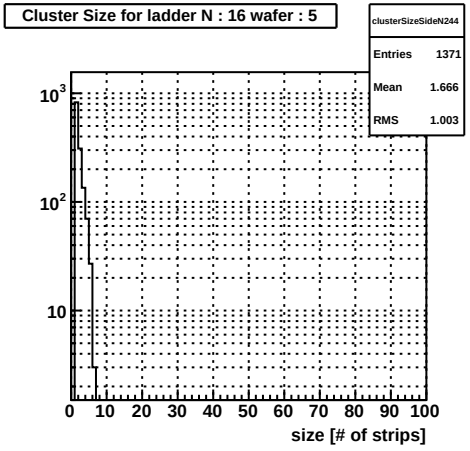

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 8051
Mean 1.05
RMS 0.3237
size [# of strips]

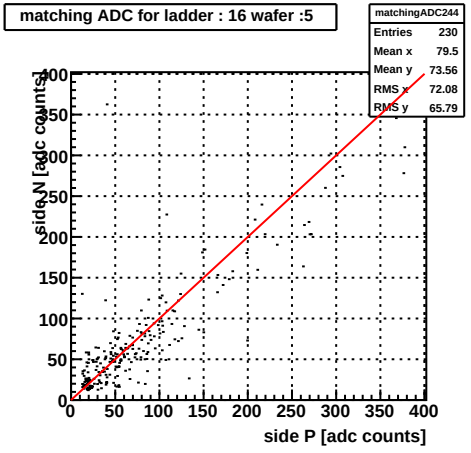

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 221
Mean x 76.28
Mean y 64.5
RMS x 65.33
RMS y 62.24
side N [adc counts]
side P [adc counts]

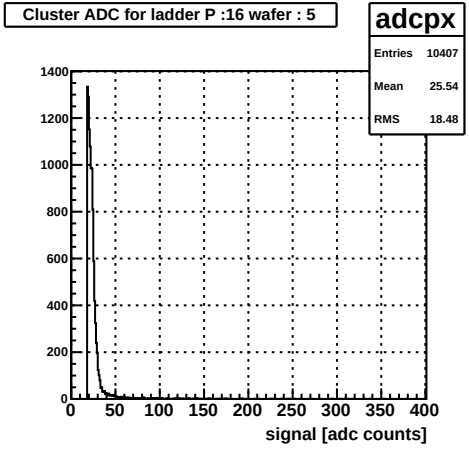

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2392
Mean 38.61
RMS 40.09
signal [adc counts]

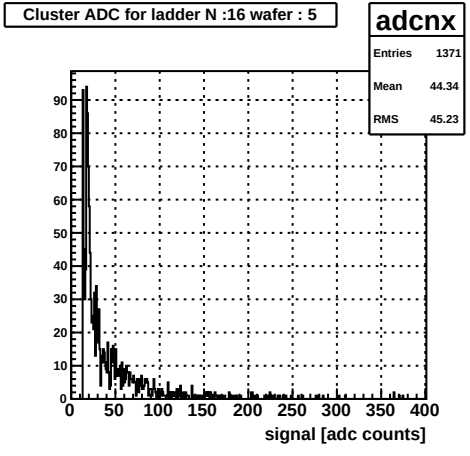

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 8051
Mean 20.38
RMS 16.88
signal [adc counts]

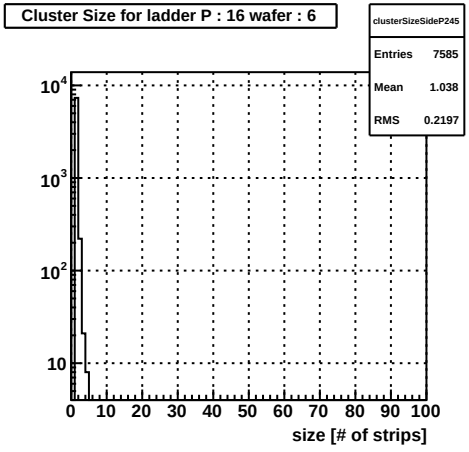

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 10407
Mean 1.039
RMS 0.2227
size [# of strips]

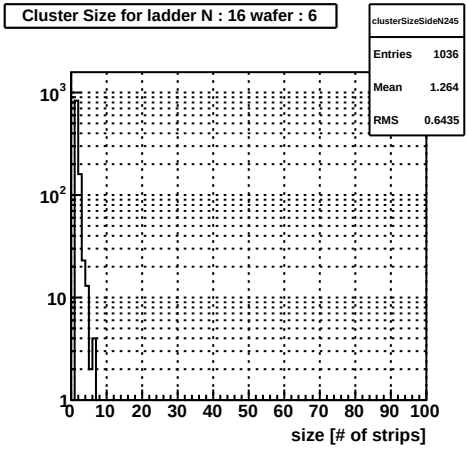

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1371
Mean 1.666
RMS 1.003
size [# of strips]

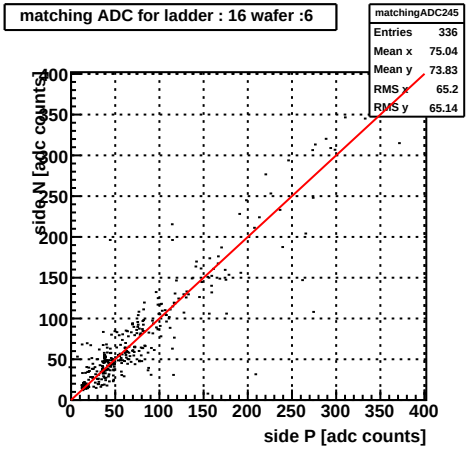

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 230
Mean x 79.5
Mean y 73.56
RMS x 72.08
RMS y 65.79
side N [adc counts]
side P [adc counts]

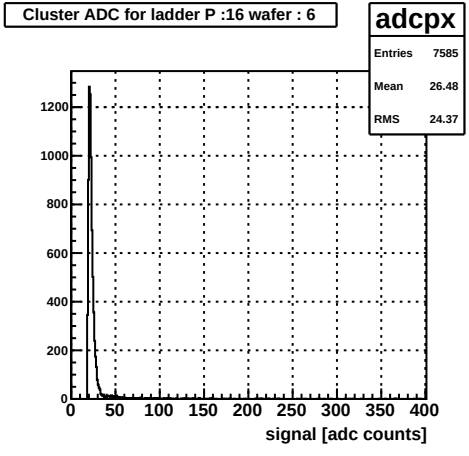

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 10407
Mean 25.54
RMS 18.48
signal [adc counts]

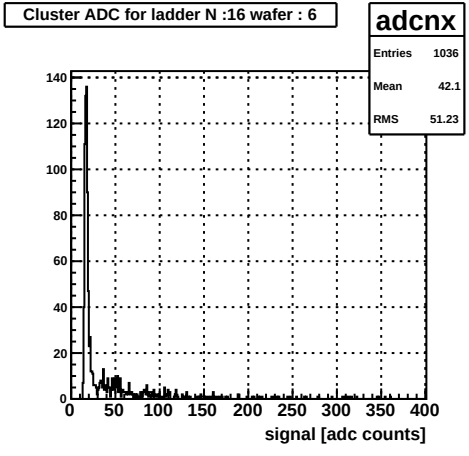

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1371
Mean 44.34
RMS 45.23
signal [adc counts]

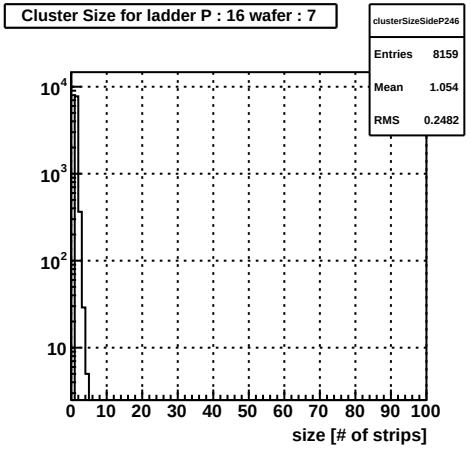

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7585
Mean 1.038
RMS 0.2197
size [# of strips]

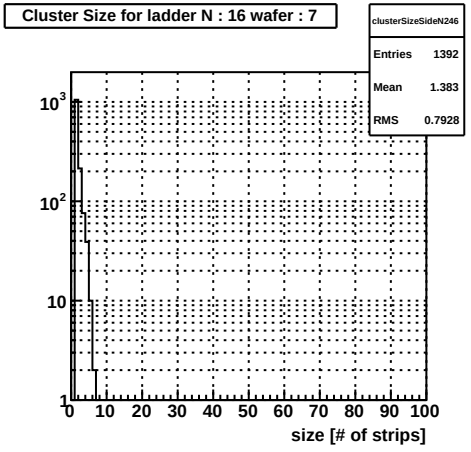

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1036
Mean 1.264
RMS 0.6435
size [# of strips]

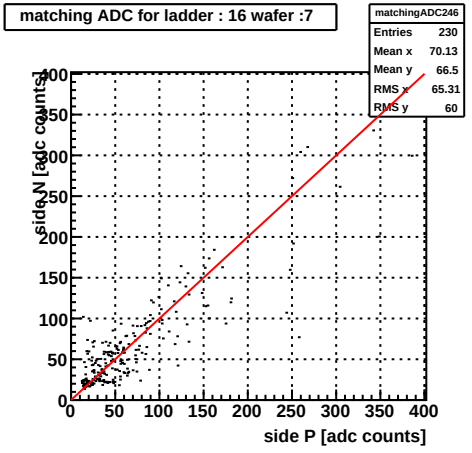

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 336
Mean x 75.04
Mean y 73.83
RMS x 65.2
RMS y 65.14
side N [adc counts]
side P [adc counts]

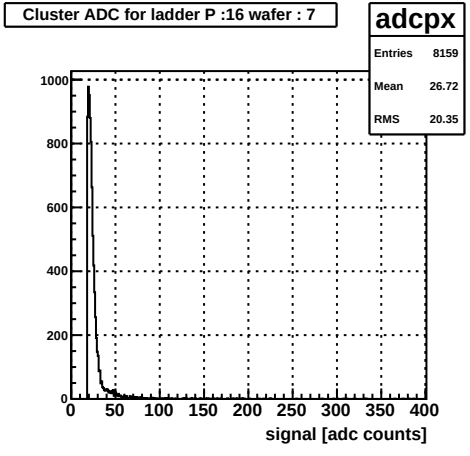

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7585
Mean 26.48
RMS 24.37
signal [adc counts]

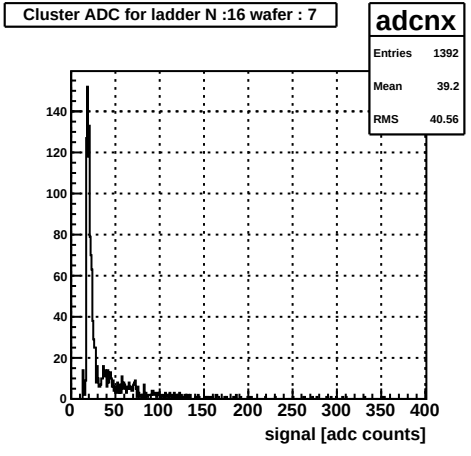

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1036
Mean 42.1
RMS 51.23
signal [adc counts]

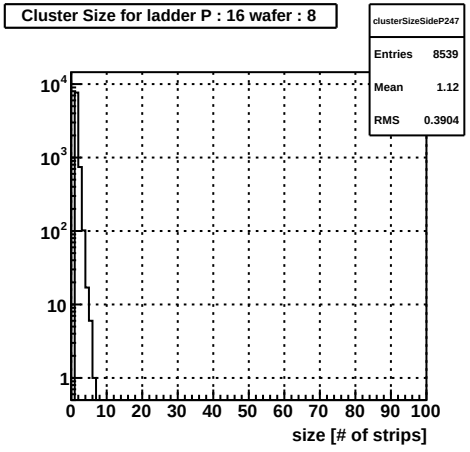

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 8159
Mean 1.054
RMS 0.2482
size [# of strips]

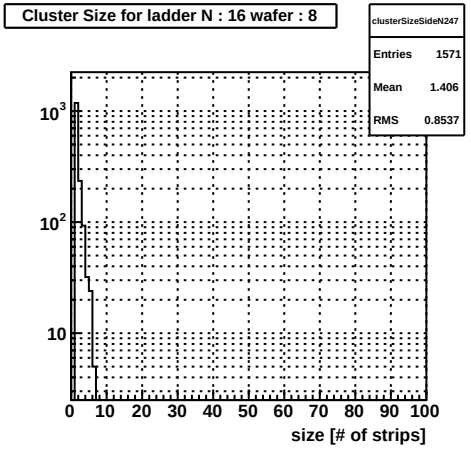

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1392
Mean 1.383
RMS 0.7928
size [# of strips]

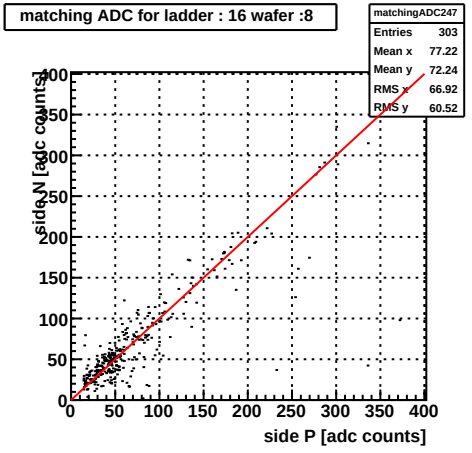

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 230
Mean x 70.13
Mean y 66.5
RMS x 65.31
RMS y 60
side N [adc counts]
side P [adc counts]

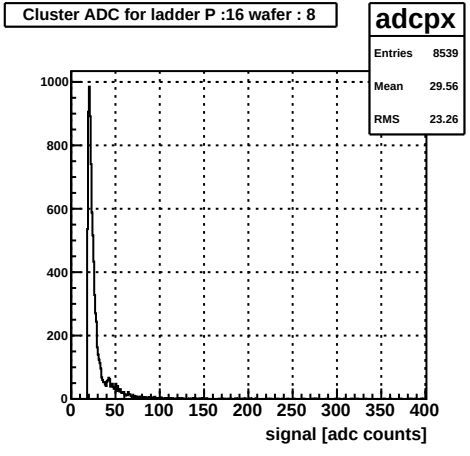

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 8159
Mean 26.72
RMS 20.35
signal [adc counts]

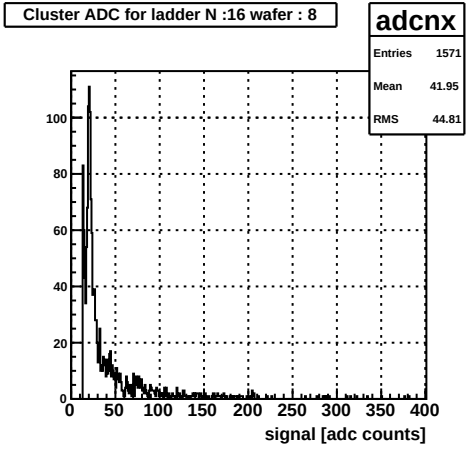

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1392
Mean 39.2
RMS 40.56
signal [adc counts]

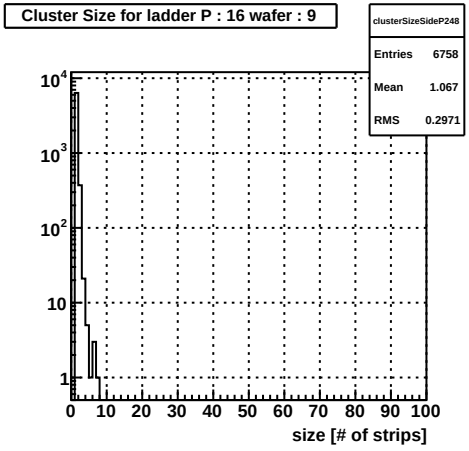

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 8539
Mean 1.12
RMS 0.3904
size [# of strips]

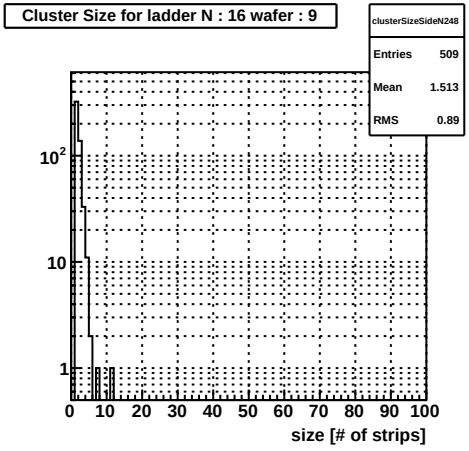

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1571
Mean 1.406
RMS 0.8537
size [# of strips]

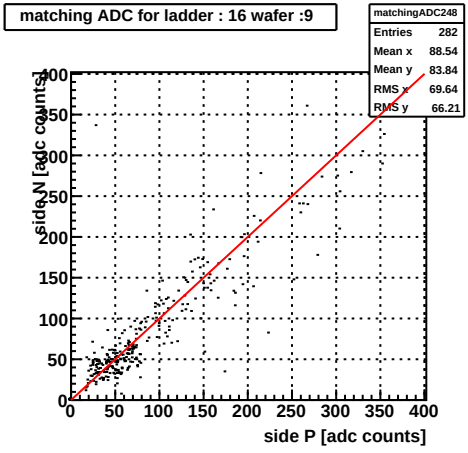

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 303
Mean x 77.22
Mean y 72.24
RMS x 66.92
RMS y 60.52
side N [adc counts]
side P [adc counts]

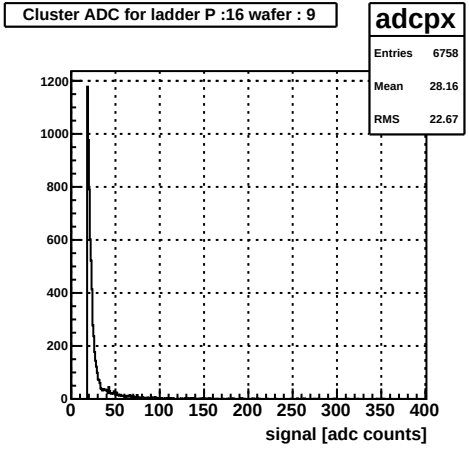

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 8539
Mean 29.56
RMS 23.26
signal [adc counts]

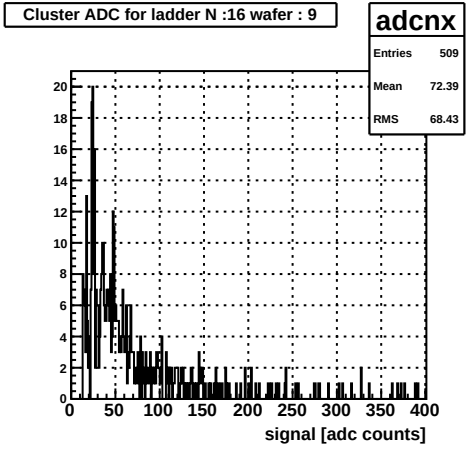

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1571
Mean 41.95
RMS 44.81
signal [adc counts]

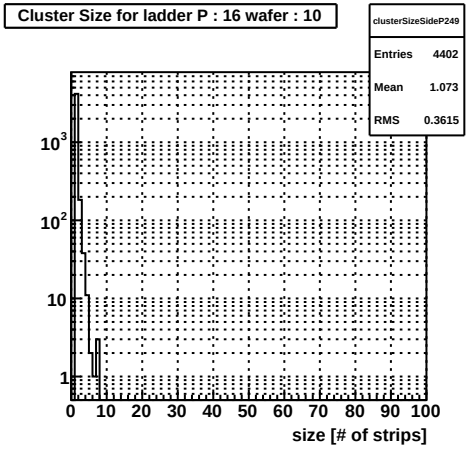

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 6758
Mean 1.067
RMS 0.2971
size [# of strips]

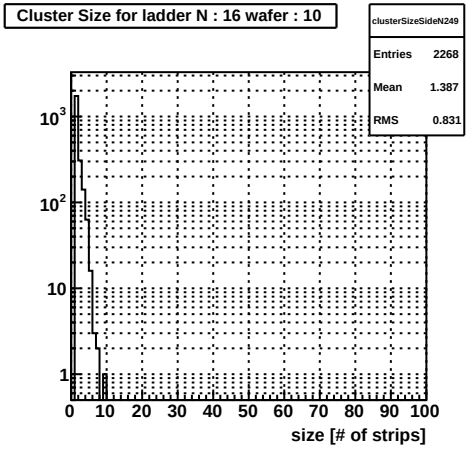

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 509
Mean 1.513
RMS 0.89
size [# of strips]

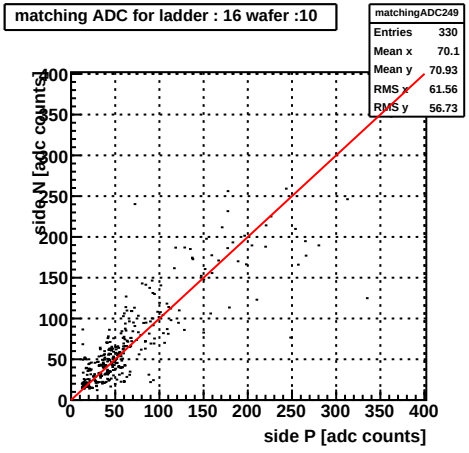

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 282
Mean x 88.54
Mean y 83.84
RMS x 69.64
RMS y 66.21
side N [adc counts]
side P [adc counts]

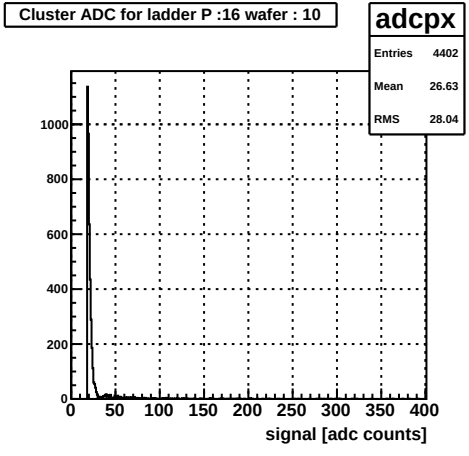

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 6758
Mean 28.16
RMS 22.67
signal [adc counts]

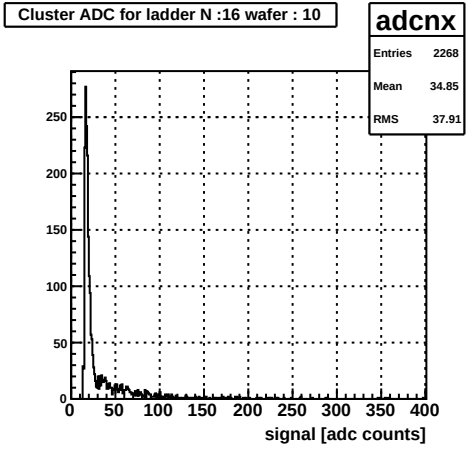

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 509
Mean 72.39
RMS 68.43
signal [adc counts]

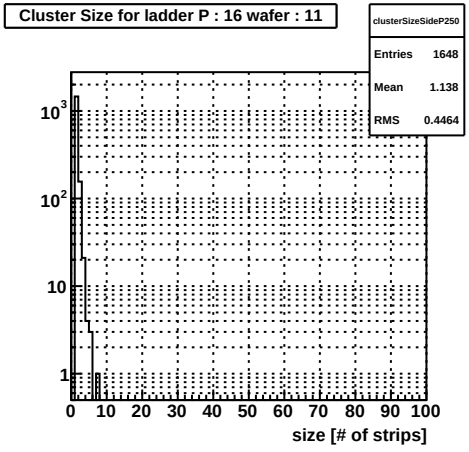

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4402
Mean 1.073
RMS 0.3615
size [# of strips]

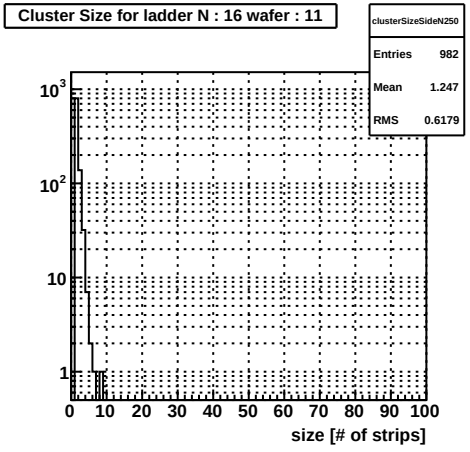

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2268
Mean 1.387
RMS 0.831
size [# of strips]

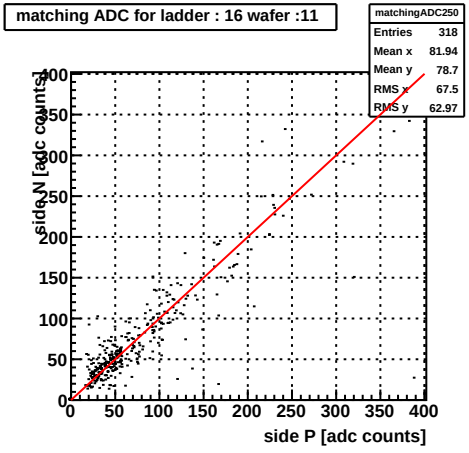

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 330
Mean x 70.1
Mean y 70.93
RMS x 61.56
RMS y 56.73
side N [adc counts]
side P [adc counts]

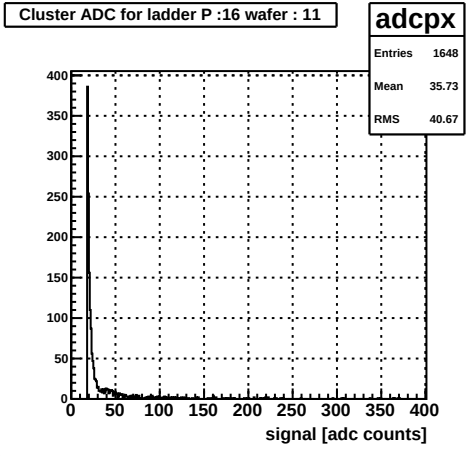

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4402
Mean 26.63
RMS 28.04
signal [adc counts]

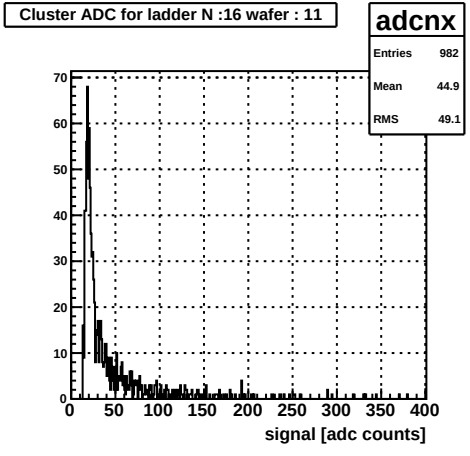

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2268
Mean 34.85
RMS 37.91
signal [adc counts]

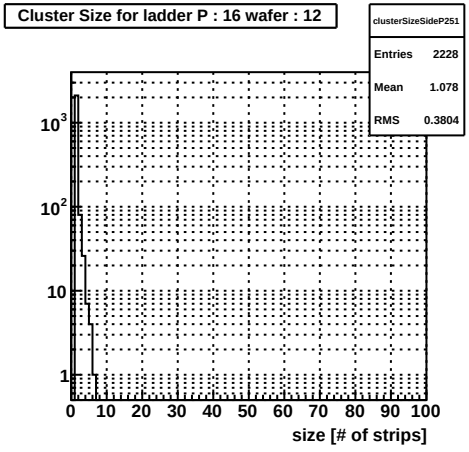

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1648
Mean 1.138
RMS 0.4464
size [# of strips]

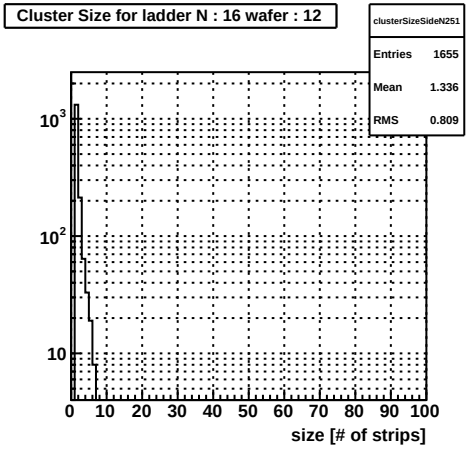

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 982
Mean 1.247
RMS 0.6179
size [# of strips]

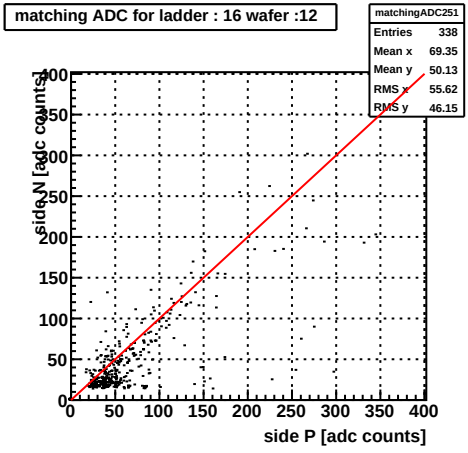

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 318
Mean x 81.94
Mean y 78.7
RMS x 67.5
RMS y 62.97
side N [adc counts]
side P [adc counts]

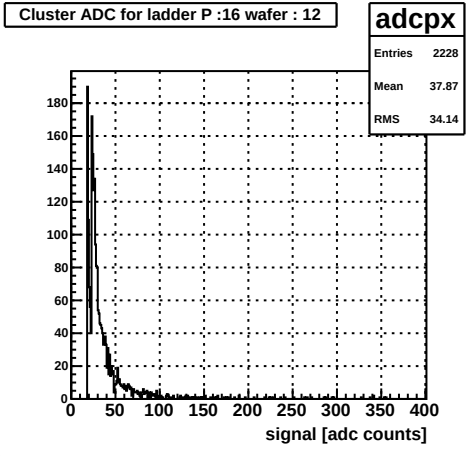

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1648
Mean 35.73
RMS 40.67
signal [adc counts]

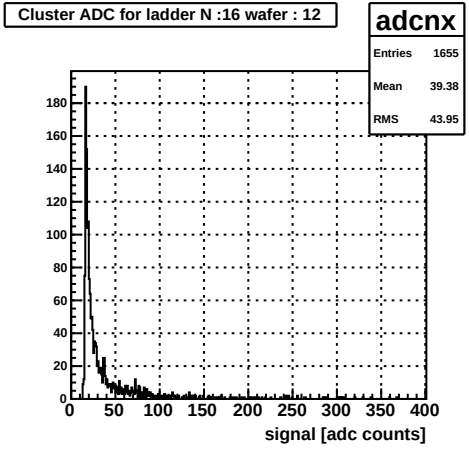

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 982
Mean 44.9
RMS 49.1
signal [adc counts]

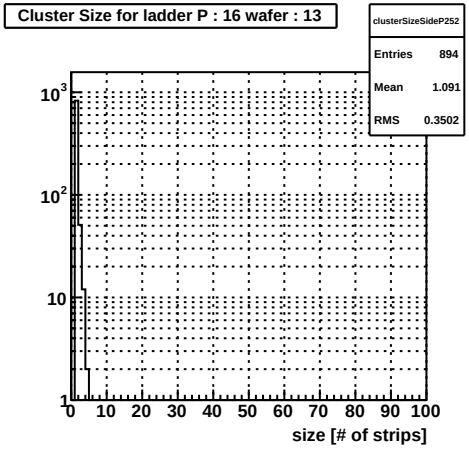

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2228
Mean 1.078
RMS 0.3804
size [# of strips]

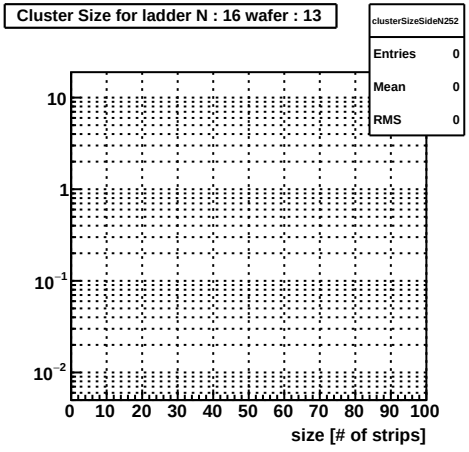

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1655
Mean 1.336
RMS 0.809
size [# of strips]

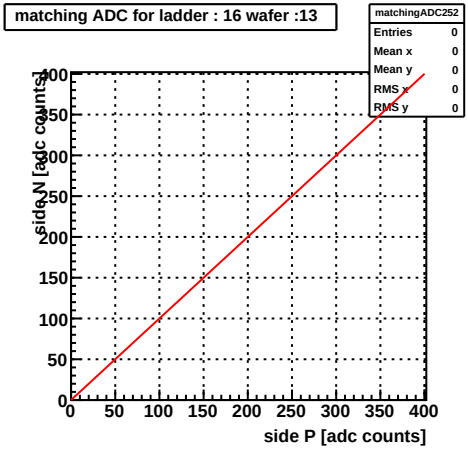

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 338
Mean x 69.35
Mean y 50.13
RMS x 55.62
RMS y 46.15
side N [adc counts]
side P [adc counts]

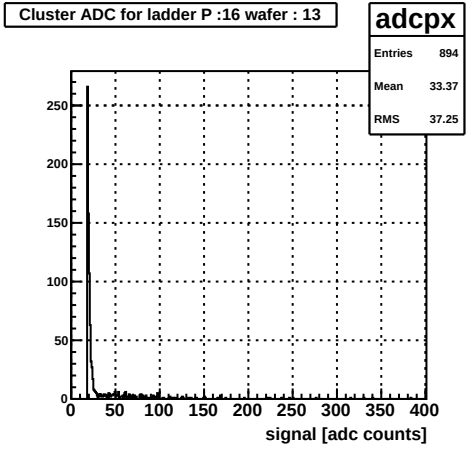

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2228
Mean 37.87
RMS 34.14
signal [adc counts]

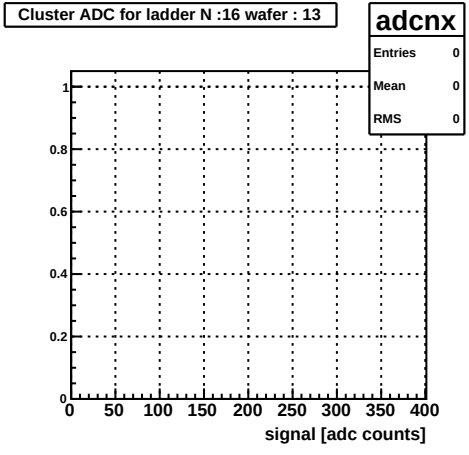

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1655
Mean 39.38
RMS 43.95
signal [adc counts]

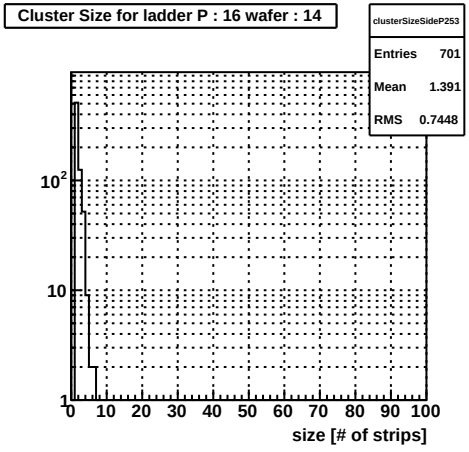

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 894
Mean 1.091
RMS 0.3502
size [# of strips]

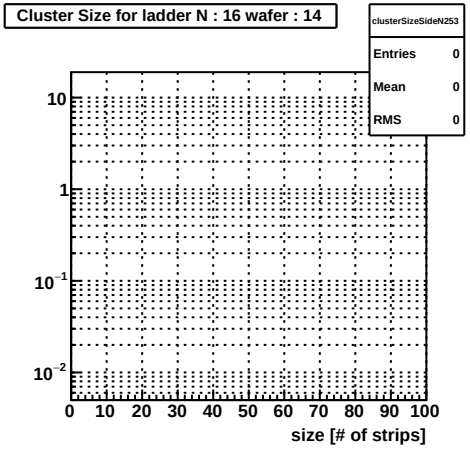

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

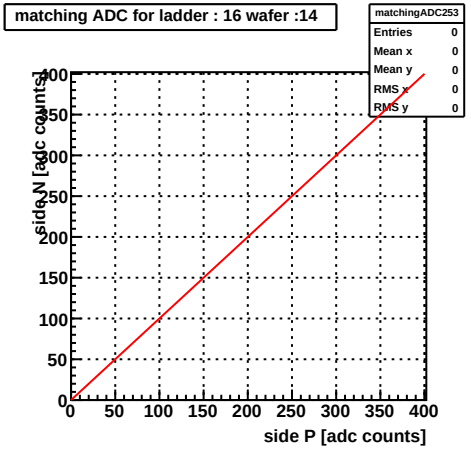

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

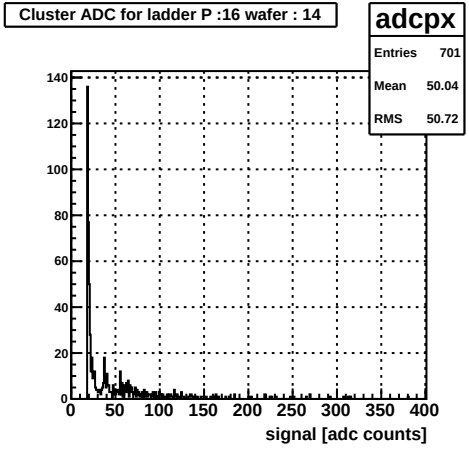

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 894
Mean 33.37
RMS 37.25
signal [adc counts]

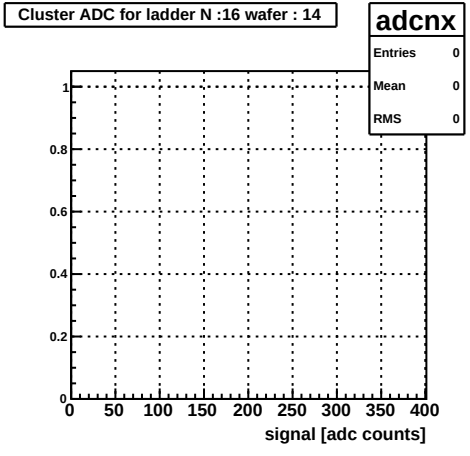

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

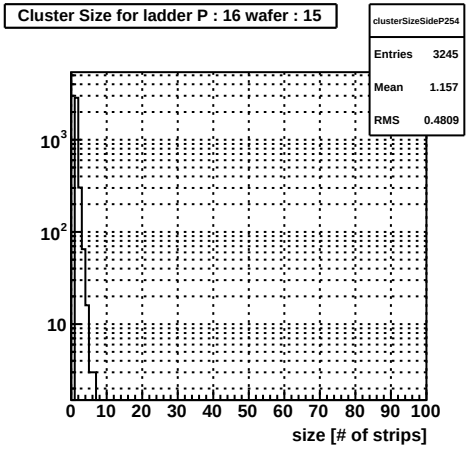

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 701
Mean 1.391
RMS 0.7448
size [# of strips]

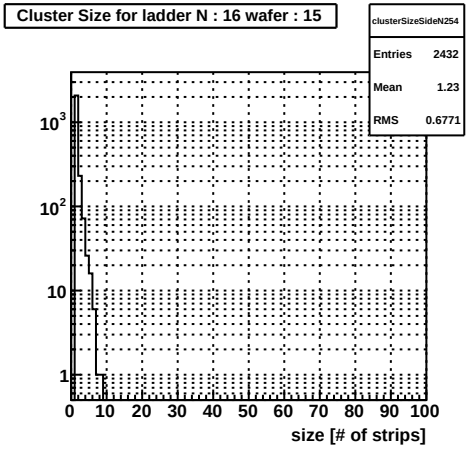

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

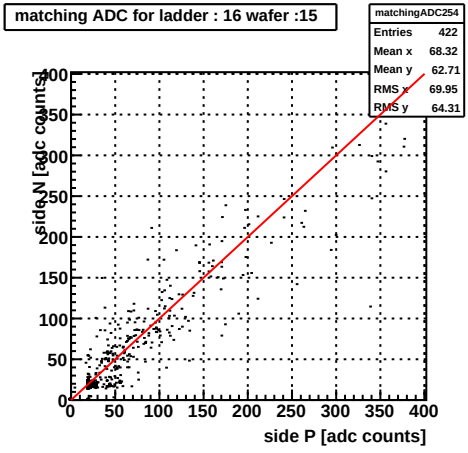

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

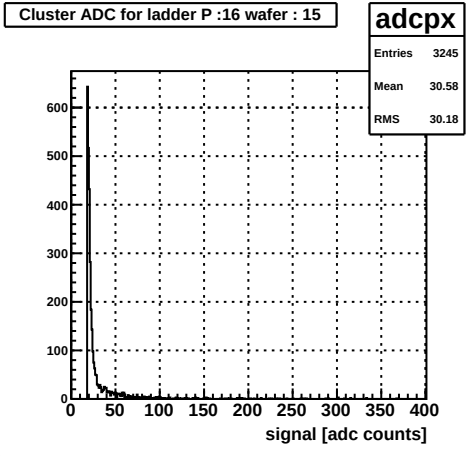

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 701
Mean 50.04
RMS 50.72
signal [adc counts]

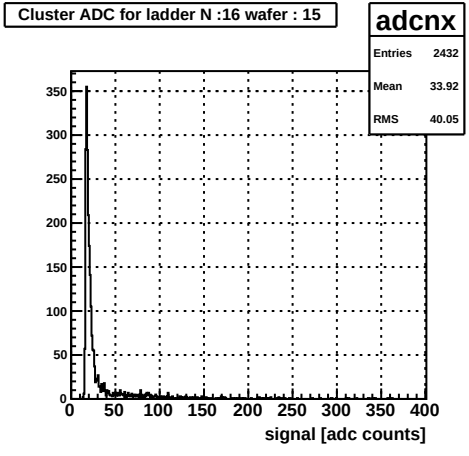

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

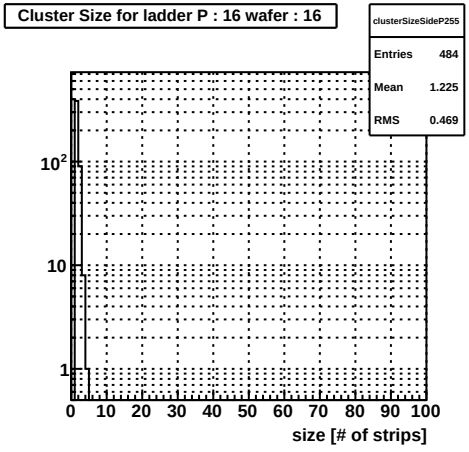

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3245
Mean 1.157
RMS 0.4809
size [# of strips]

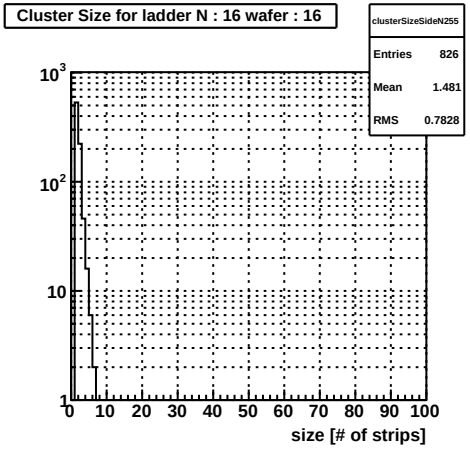

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2432
Mean 1.23
RMS 0.6771
size [# of strips]

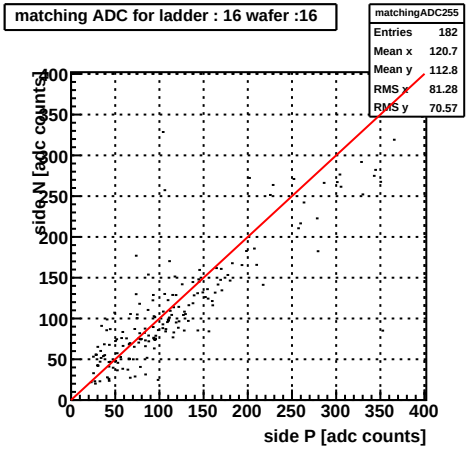

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 422
Mean x 68.32
Mean y 62.71
RMS x 69.95
RMS y 64.31
side N [adc counts]
side P [adc counts]

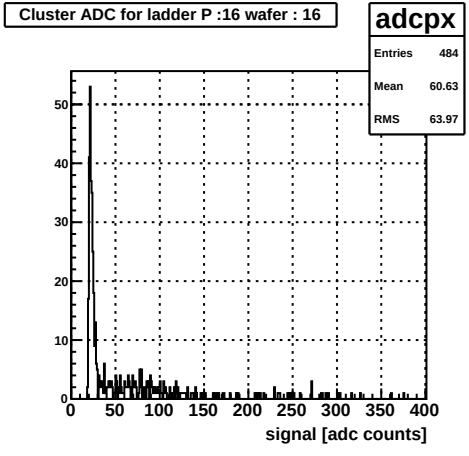

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3245
Mean 30.58
RMS 30.18
signal [adc counts]

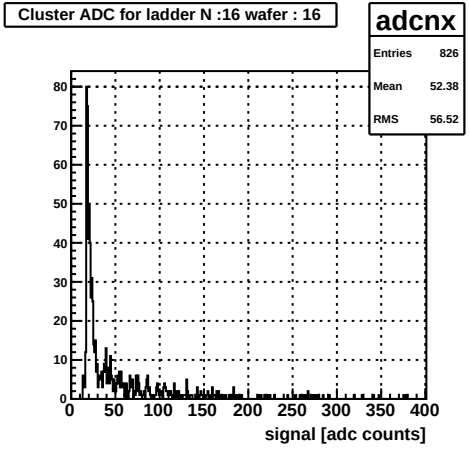

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2432
Mean 33.92
RMS 40.05
signal [adc counts]

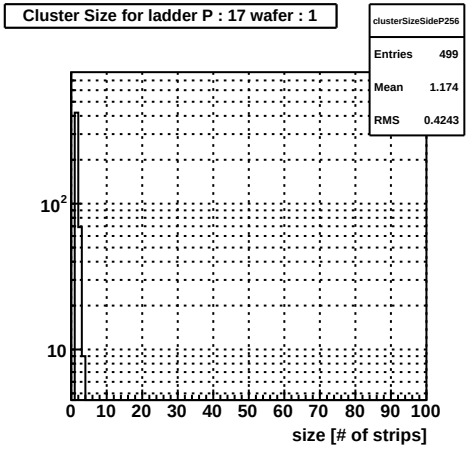

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 484
Mean 1.225
RMS 0.469
size [# of strips]

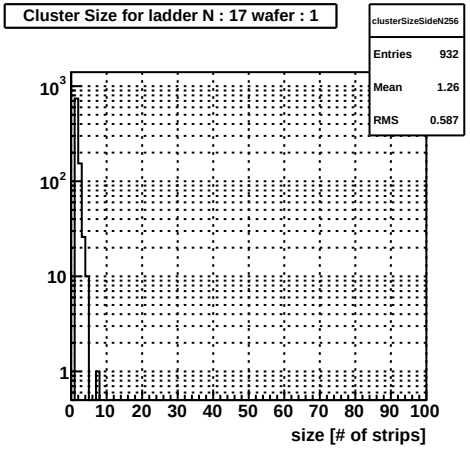

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 826
Mean 1.481
RMS 0.7828
size [# of strips]

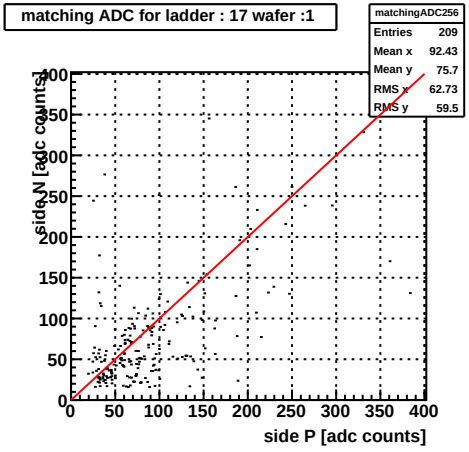

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 182
Mean x 120.7
Mean y 112.8
RMS x 81.28
RMS y 70.57
side N [adc counts]
side P [adc counts]

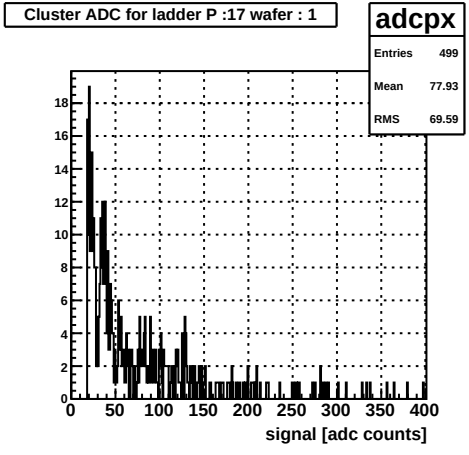

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 484
Mean 60.63
RMS 63.97
signal [adc counts]

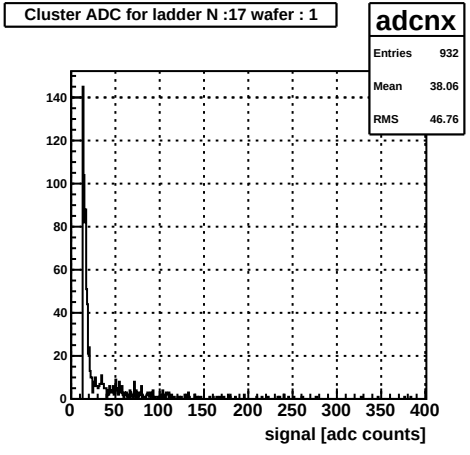

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 826
Mean 52.38
RMS 56.52
signal [adc counts]

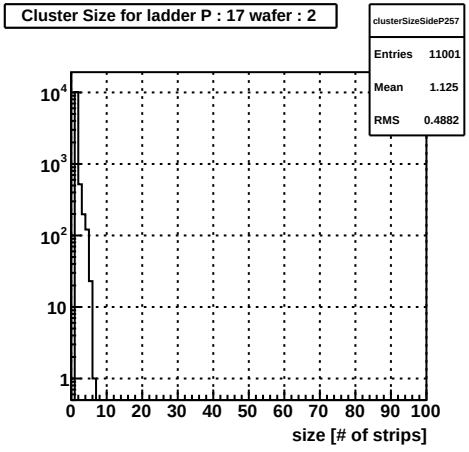

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 499
Mean 1.174
RMS 0.4243
size [# of strips]

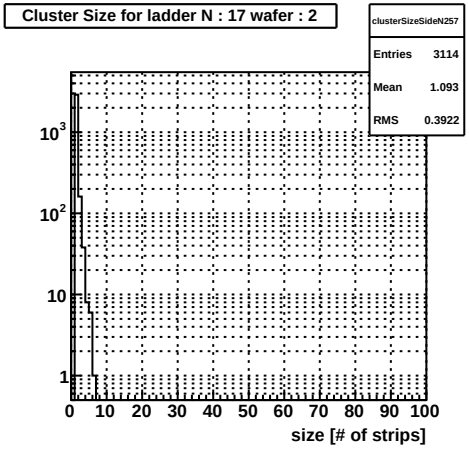

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 932
Mean 1.26
RMS 0.587
size [# of strips]

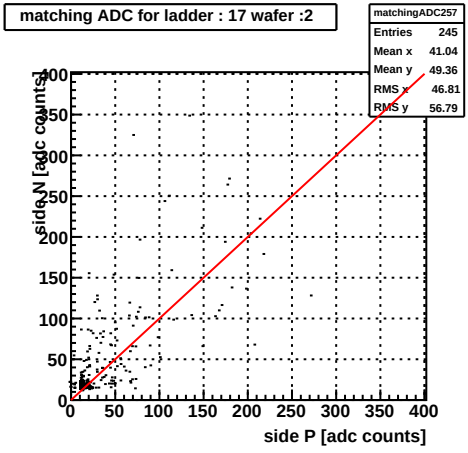

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 209
Mean x 92.43
Mean y 75.7
RMS x 62.73
RMS y 59.5
side N [adc counts]
side P [adc counts]

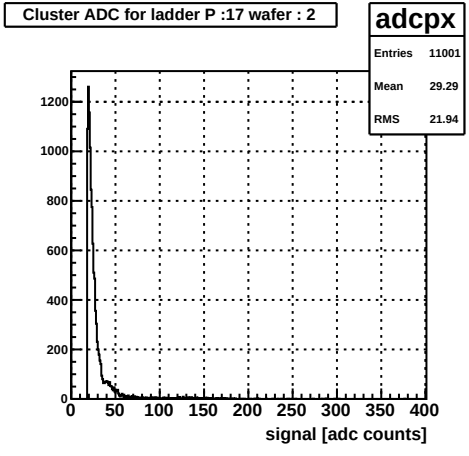

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 499
Mean 77.93
RMS 69.59
signal [adc counts]

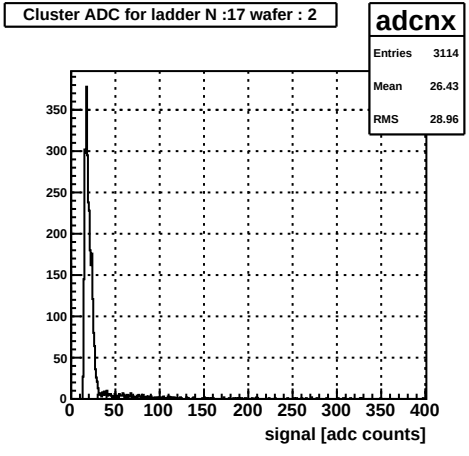

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 932
Mean 38.06
RMS 46.76
signal [adc counts]

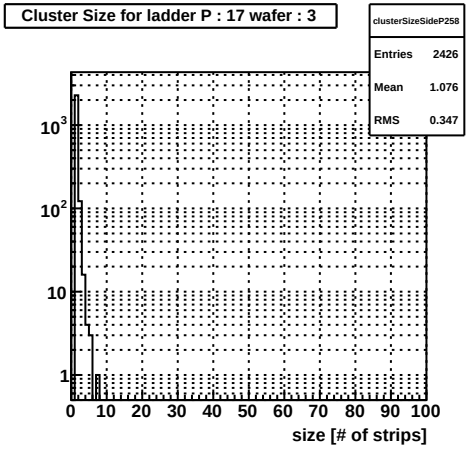

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 11001
Mean 1.125
RMS 0.4882
size [# of strips]

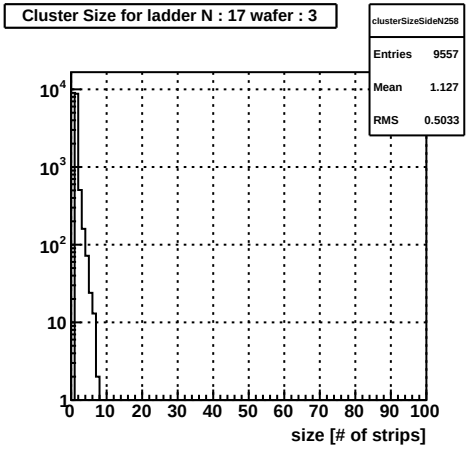

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3114
Mean 1.093
RMS 0.3922
size [# of strips]

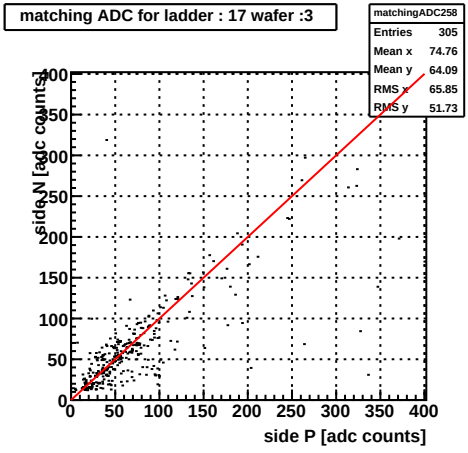

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 245
Mean x 41.04
Mean y 49.36
RMS x 46.81
RMS y 56.79
side N [adc counts]
side P [adc counts]

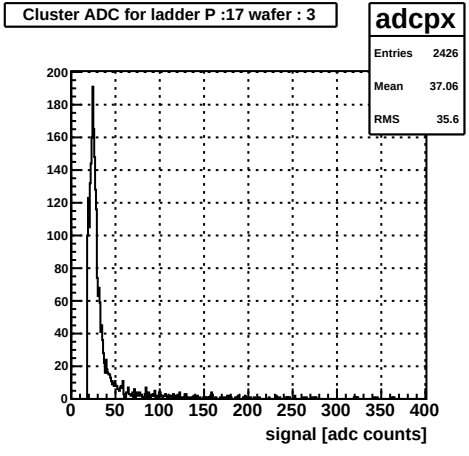

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 11001
Mean 29.29
RMS 21.94
signal [adc counts]

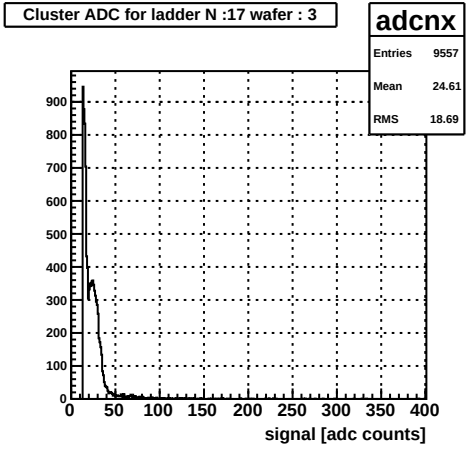

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3114
Mean 26.43
RMS 28.96
signal [adc counts]

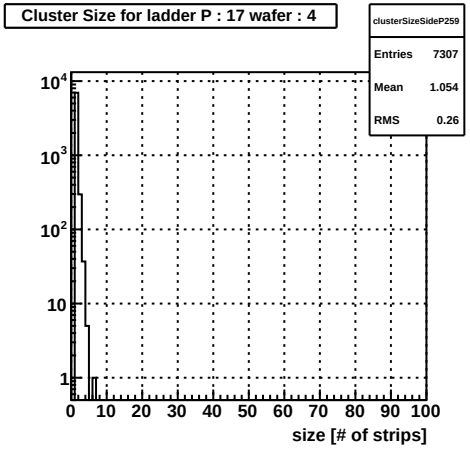

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 2426
Mean 1.076
RMS 0.347
size [# of strips]

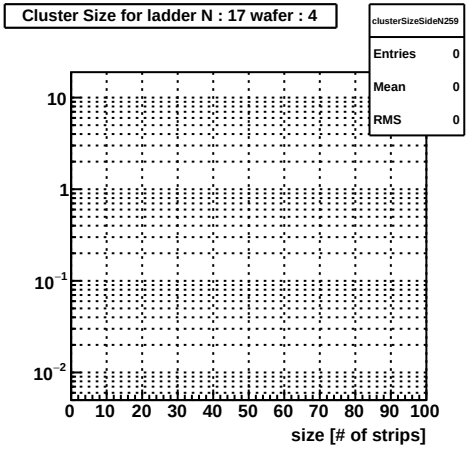

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 9557
Mean 1.127
RMS 0.5033
size [# of strips]

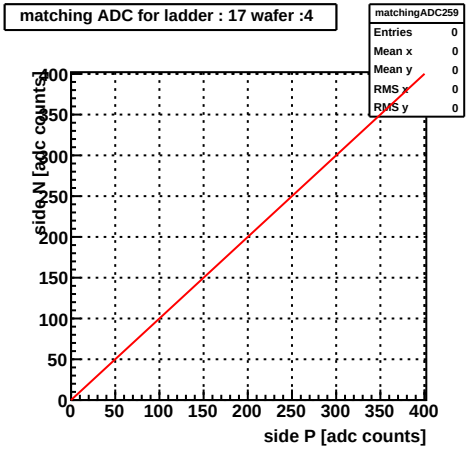

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 305
Mean x 74.76
Mean y 64.09
RMS x 65.85
RMS y 51.73
side N [adc counts]
side P [adc counts]

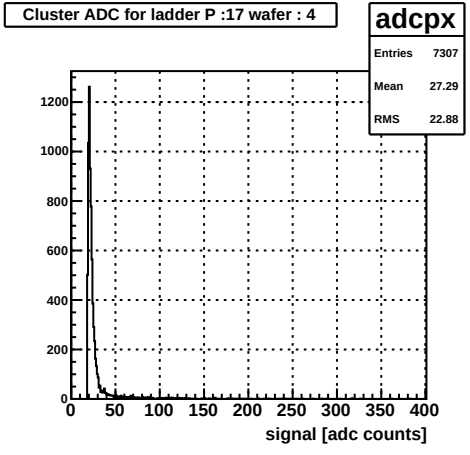

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 2426
Mean 37.06
RMS 35.6
signal [adc counts]

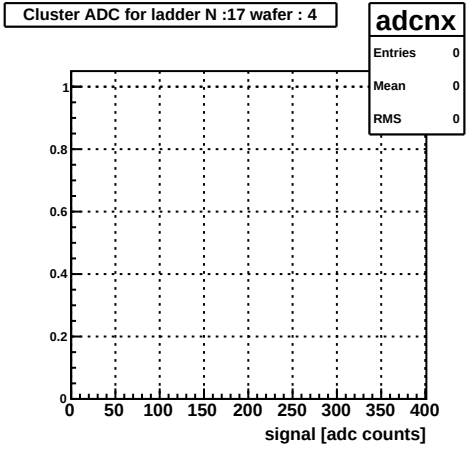

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 9557
Mean 24.61
RMS 18.69
signal [adc counts]

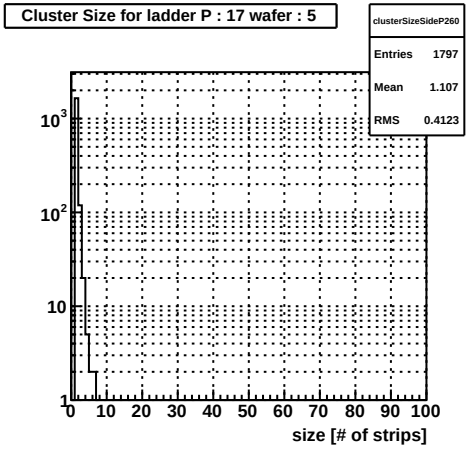

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 7307
Mean 1.054
RMS 0.26
size [# of strips]

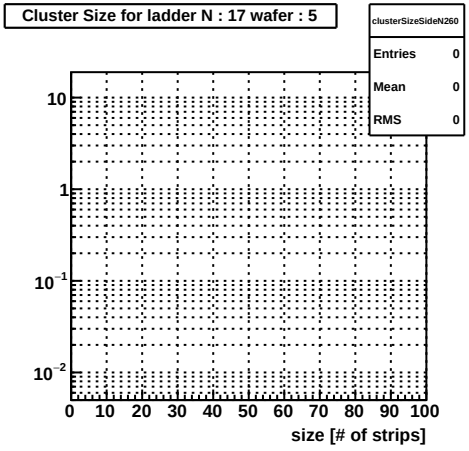

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

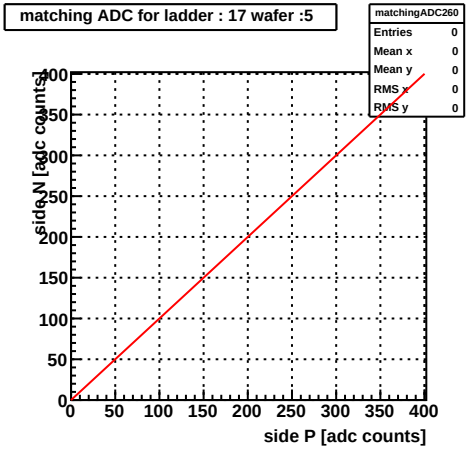

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

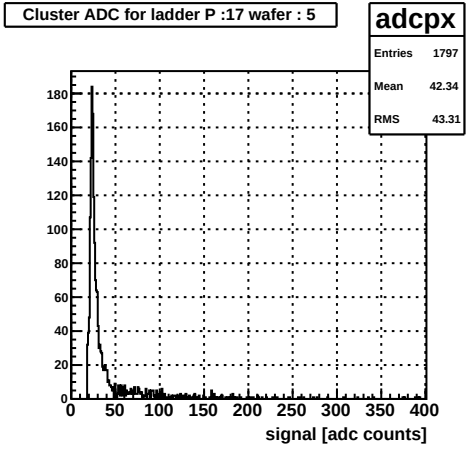

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 7307
Mean 27.29
RMS 22.88
signal [adc counts]

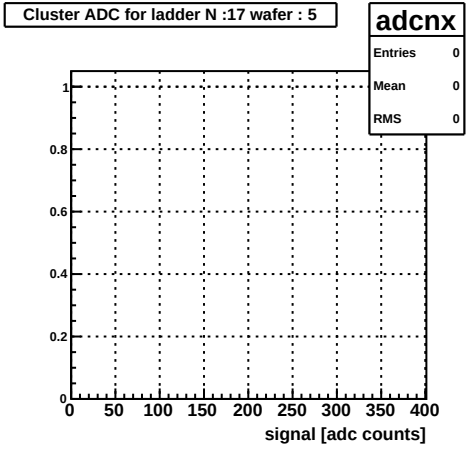

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

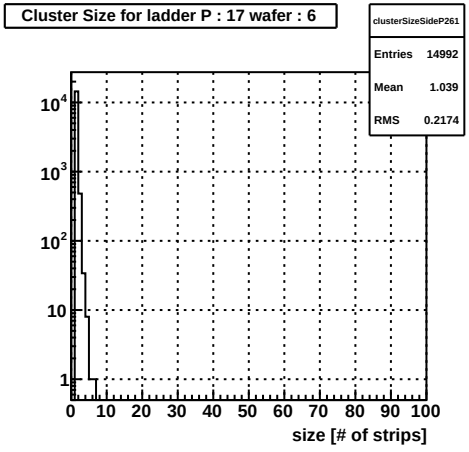

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1797
Mean 1.107
RMS 0.4123
size [# of strips]

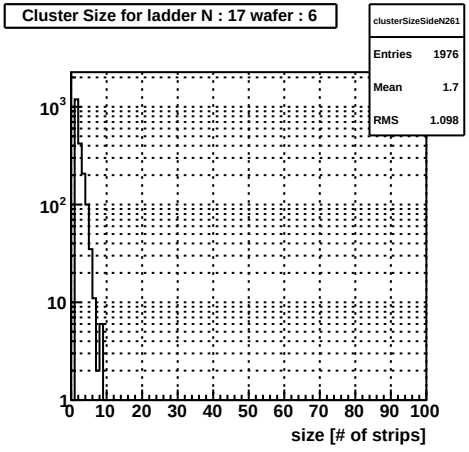

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

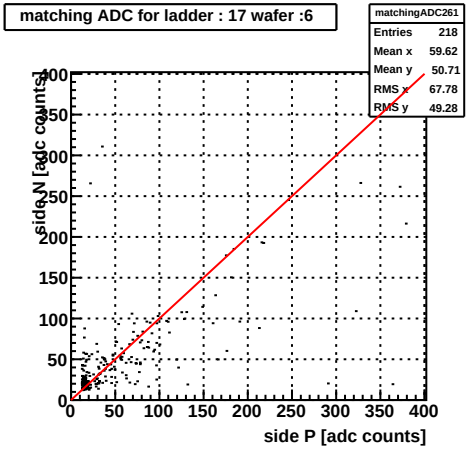

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

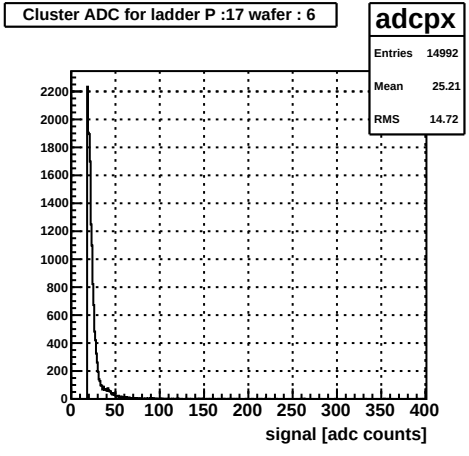

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1797
Mean 42.34
RMS 43.31
signal [adc counts]

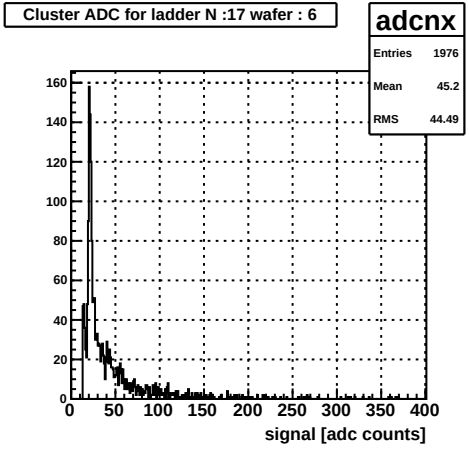

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

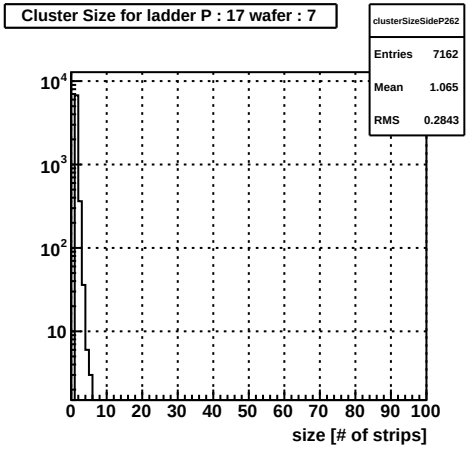

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14992
Mean 1.039
RMS 0.2174
size [# of strips]

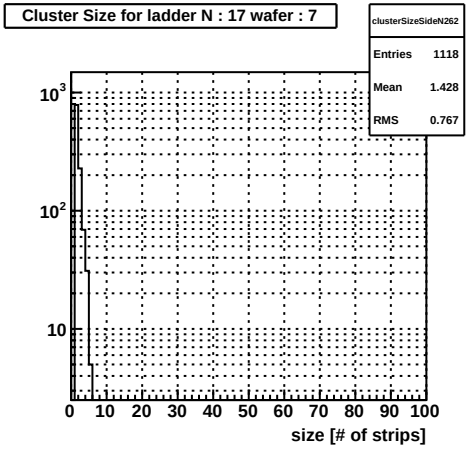

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1976
Mean 1.7
RMS 1.098
size [# of strips]

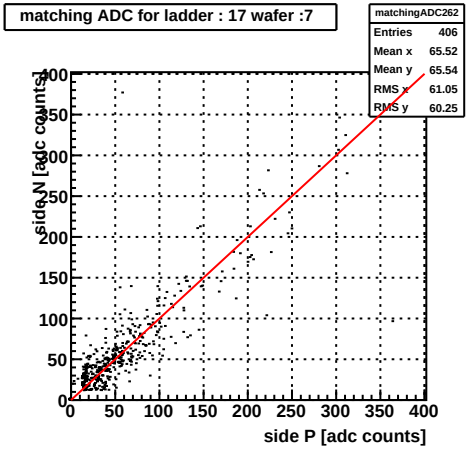

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 218
Mean x 59.62
Mean y 50.71
RMS x 67.78
RMS y 49.28
side N [adc counts]
side P [adc counts]

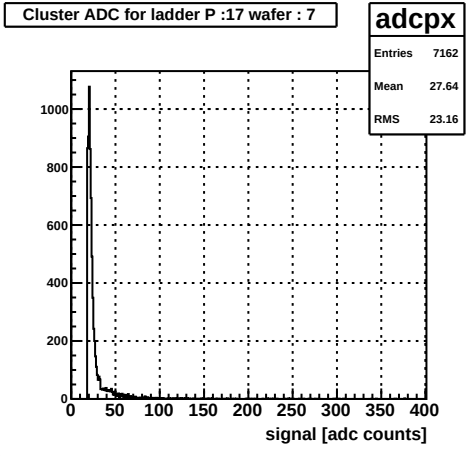

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14992
Mean 25.21
RMS 14.72
signal [adc counts]

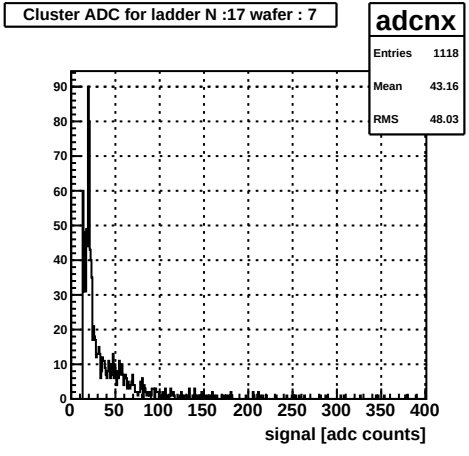

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1976
Mean 45.2
RMS 44.49
signal [adc counts]

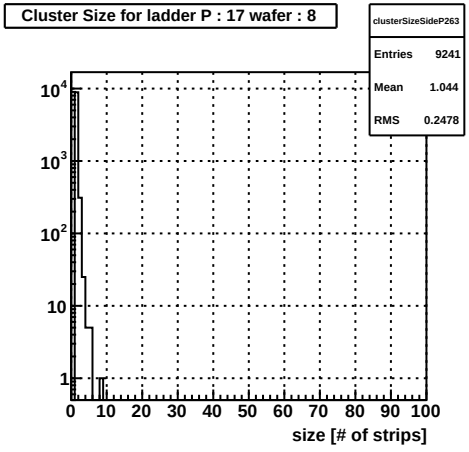

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 7162
Mean 1.065
RMS 0.2843
size [# of strips]

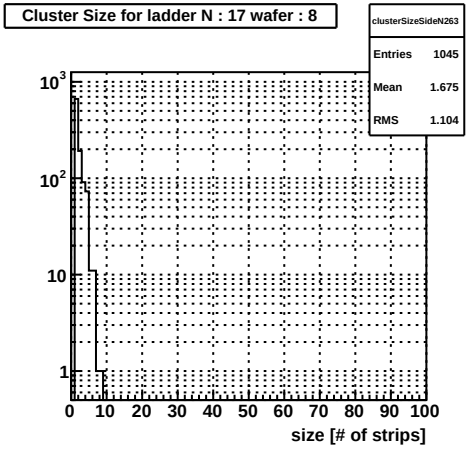

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1118
Mean 1.428
RMS 0.767
size [# of strips]

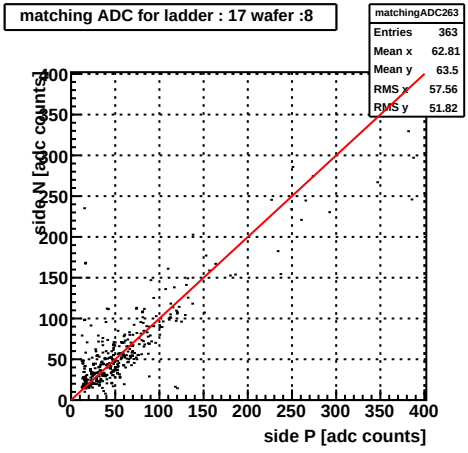

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 406
Mean x 65.52
Mean y 65.54
RMS x 61.05
RMS y 60.25
side N [adc counts]
side P [adc counts]

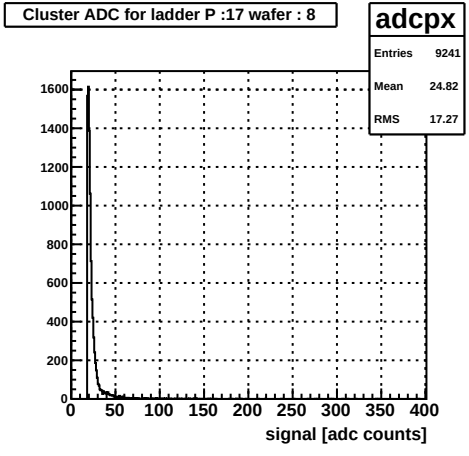

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 7162
Mean 27.64
RMS 23.16
signal [adc counts]

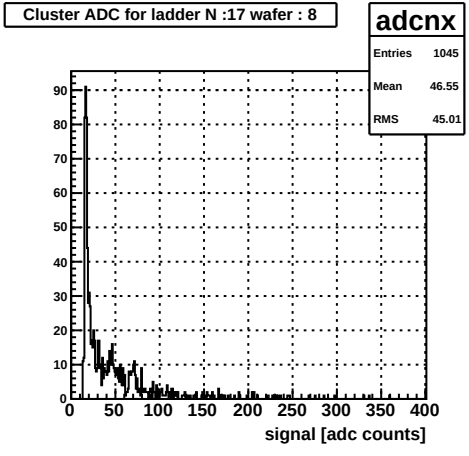

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1118
Mean 43.16
RMS 48.03
signal [adc counts]

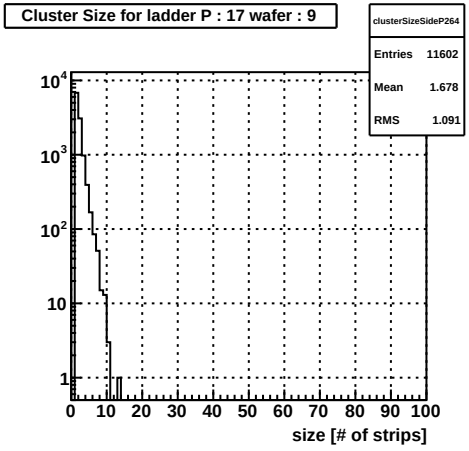

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 9241
Mean 1.044
RMS 0.2478
size [# of strips]

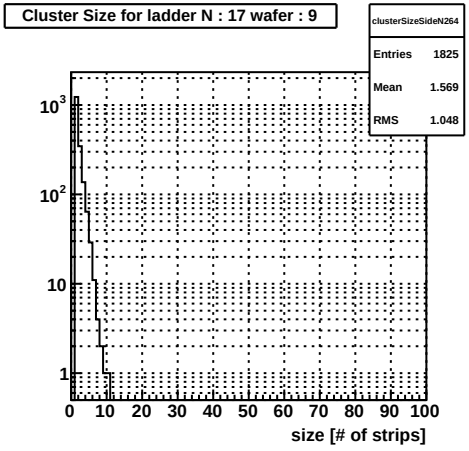

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1045
Mean 1.675
RMS 1.104
size [# of strips]

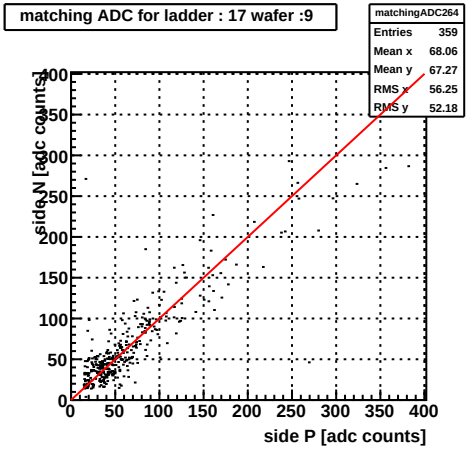

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 363
Mean x 62.81
Mean y 63.5
RMS x 57.56
RMS y 51.82
side N [adc counts]
side P [adc counts]

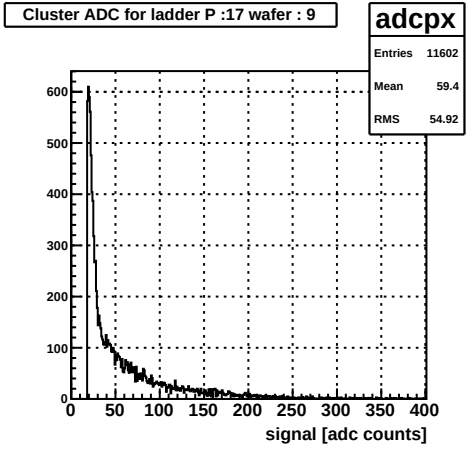

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 9241
Mean 24.82
RMS 17.27
signal [adc counts]

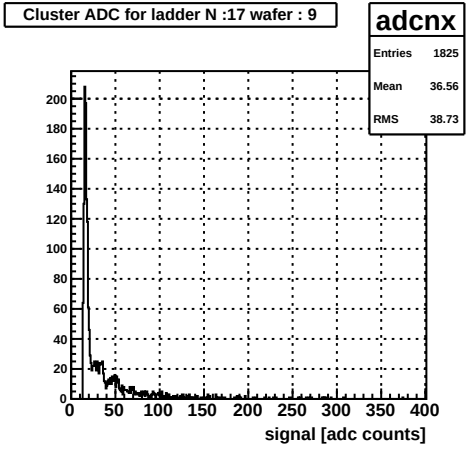

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1045
Mean 46.55
RMS 45.01
signal [adc counts]

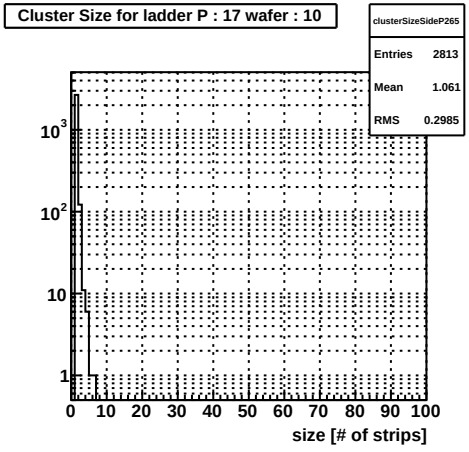

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 11602
Mean 1.678
RMS 1.091
size [# of strips]

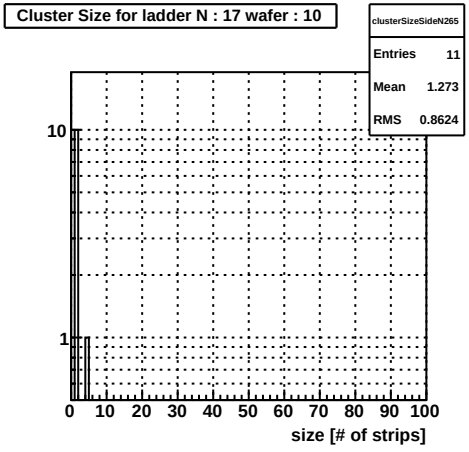

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1825
Mean 1.569
RMS 1.048
size [# of strips]

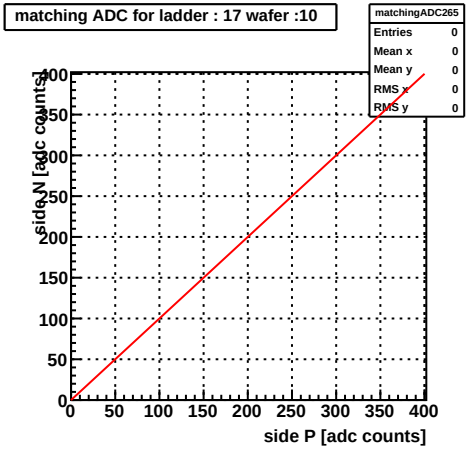

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 359
Mean x 68.06
Mean y 67.27
RMS x 56.25
RMS y 52.18
side N [adc counts]
side P [adc counts]

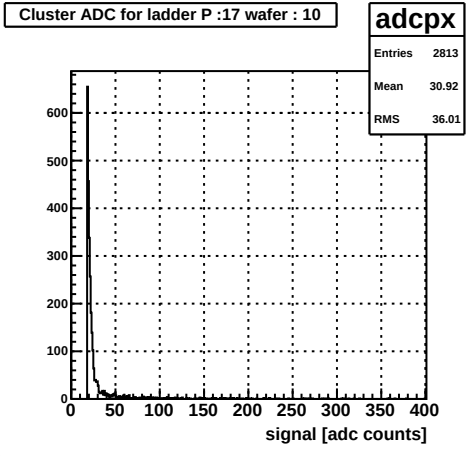

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 11602
Mean 59.4
RMS 54.92
signal [adc counts]

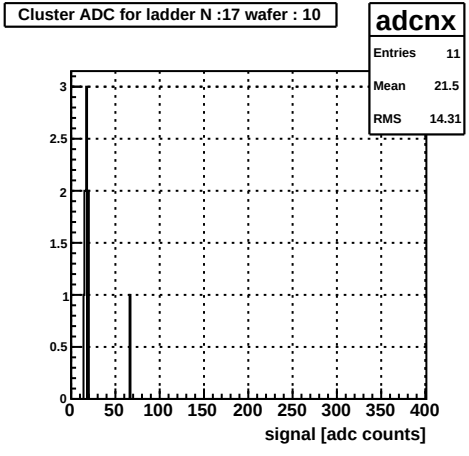

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1825
Mean 36.56
RMS 38.73
signal [adc counts]

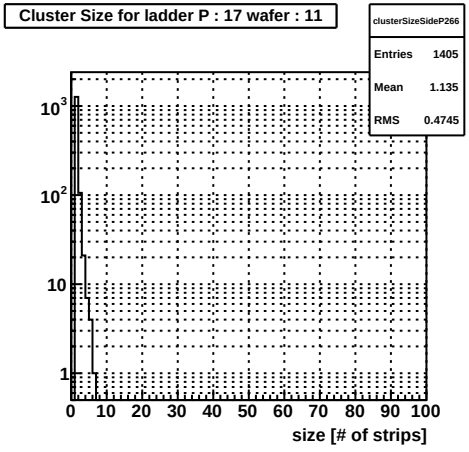

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2813
Mean 1.061
RMS 0.2985
size [# of strips]

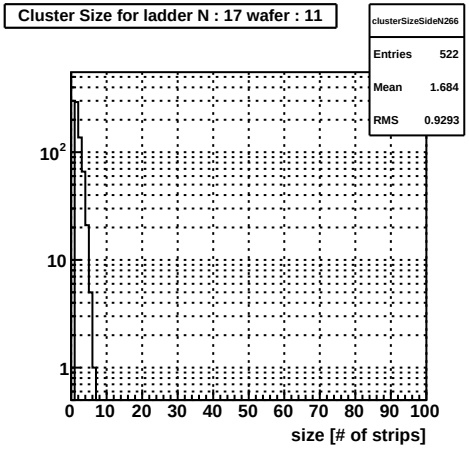

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 11
Mean 1.273
RMS 0.8624
size [# of strips]

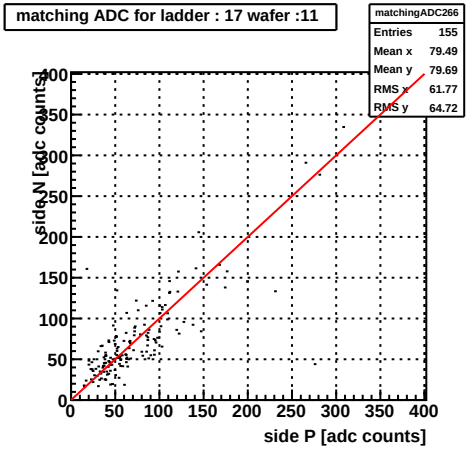

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

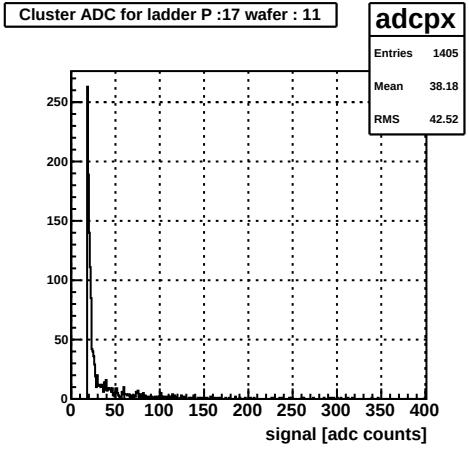

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2813
Mean 30.92
RMS 36.01
signal [adc counts]

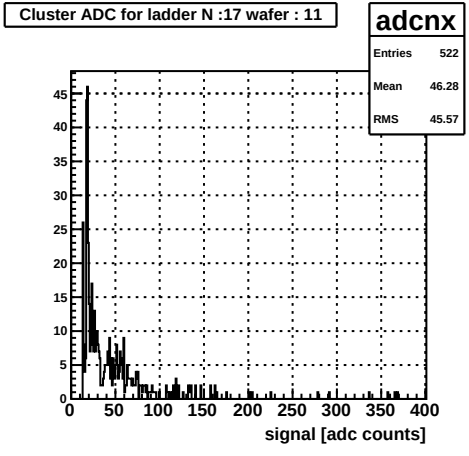

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 11
Mean 21.5
RMS 14.31
signal [adc counts]

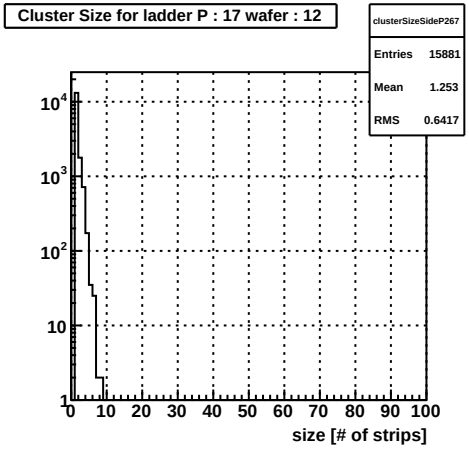

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1405
Mean 1.135
RMS 0.4745
size [# of strips]

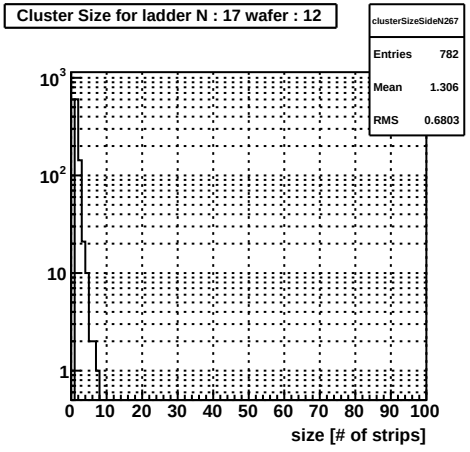

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 522
Mean 1.684
RMS 0.9293
size [# of strips]

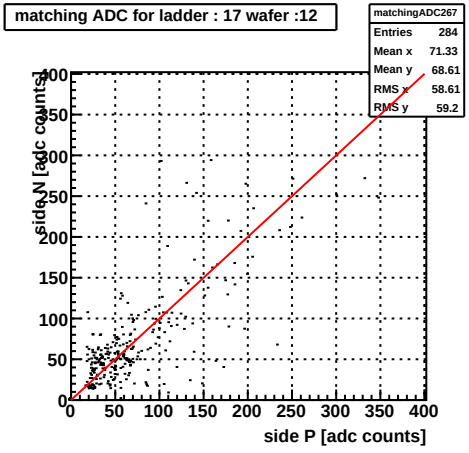

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 155
Mean x 79.49
Mean y 79.69
RMS x 61.77
RMS y 64.72
side N [adc counts]
side P [adc counts]

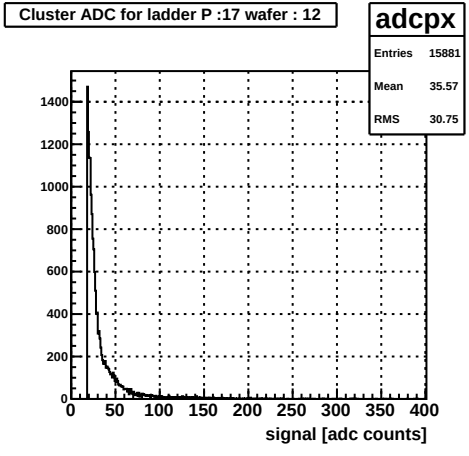

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1405
Mean 38.18
RMS 42.52
signal [adc counts]

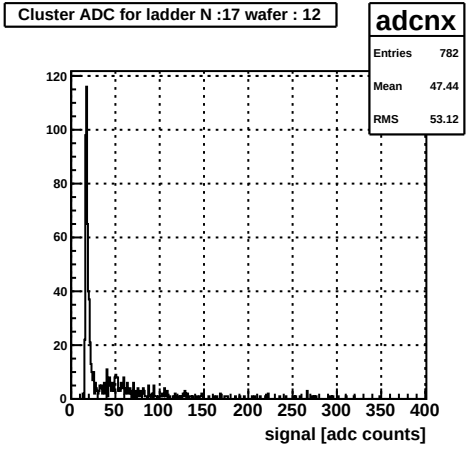

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 522
Mean 46.28
RMS 45.57
signal [adc counts]

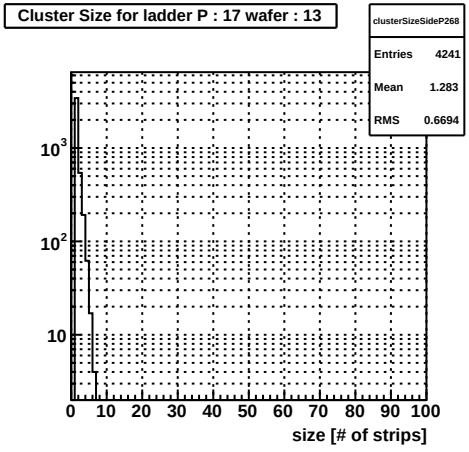

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 15881
Mean 1.253
RMS 0.6417
size [# of strips]

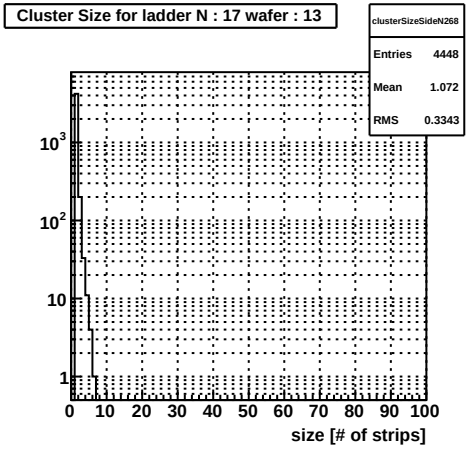

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 782
Mean 1.306
RMS 0.6803
size [# of strips]

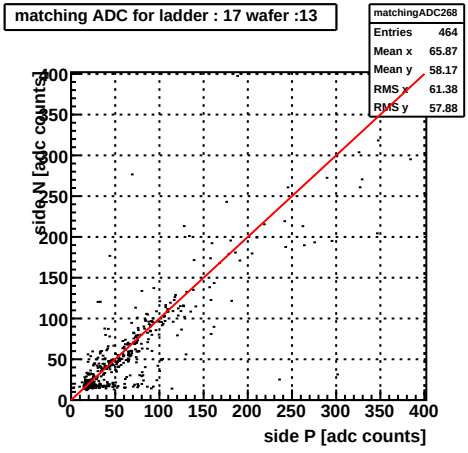

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 284
Mean x 71.33
Mean y 68.61
RMS x 58.61
RMS y 59.2
side N [adc counts]
side P [adc counts]

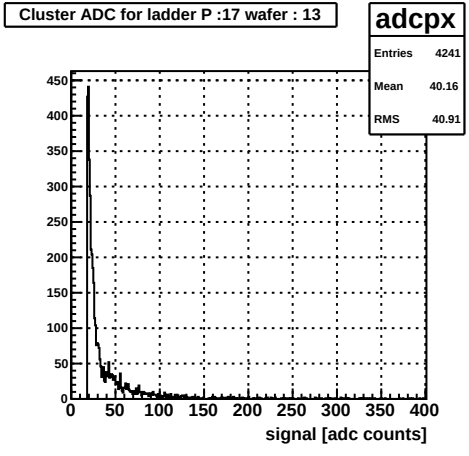

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 15881
Mean 35.57
RMS 30.75
signal [adc counts]

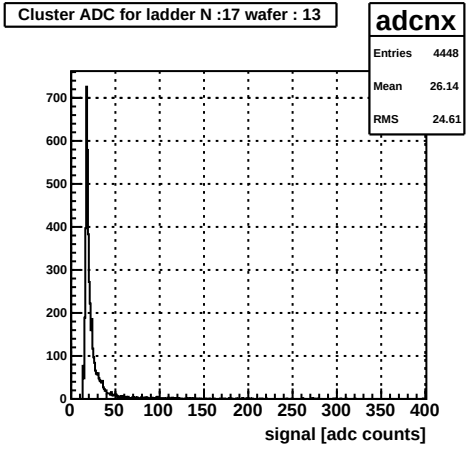

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 782
Mean 47.44
RMS 53.12
signal [adc counts]

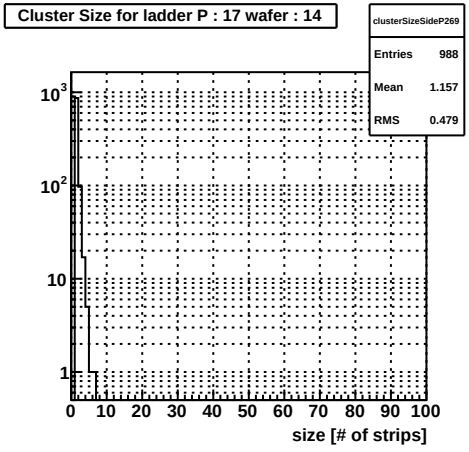

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 4241
Mean 1.283
RMS 0.6694
size [# of strips]

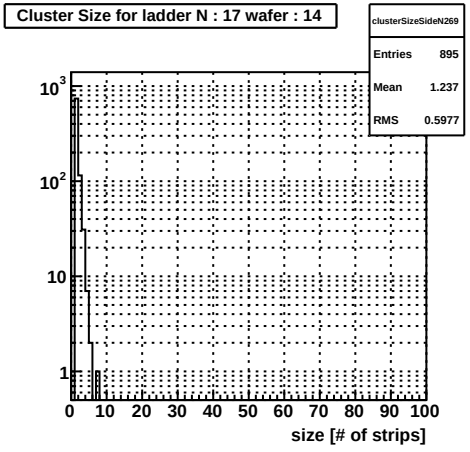

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 4448
Mean 1.072
RMS 0.3343
size [# of strips]

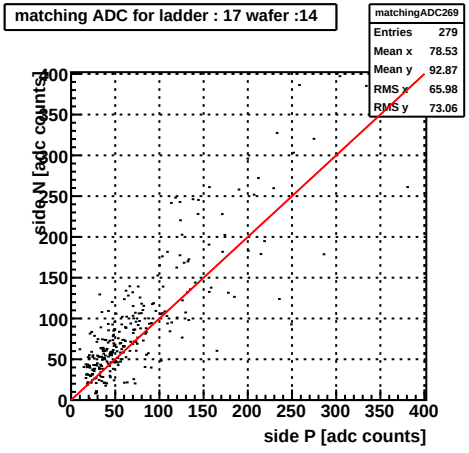

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 464
Mean x 65.87
Mean y 58.17
RMS x 61.38
RMS y 57.88
side N [adc counts]
side P [adc counts]

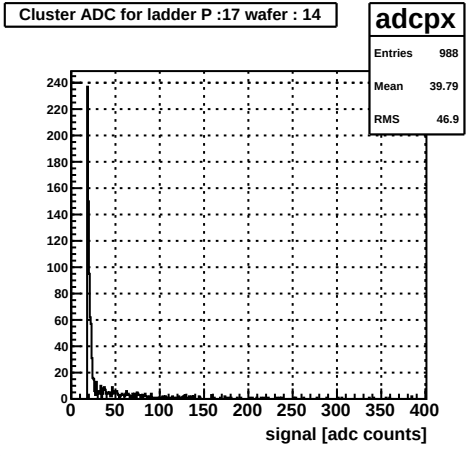

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 4241
Mean 40.16
RMS 40.91
signal [adc counts]

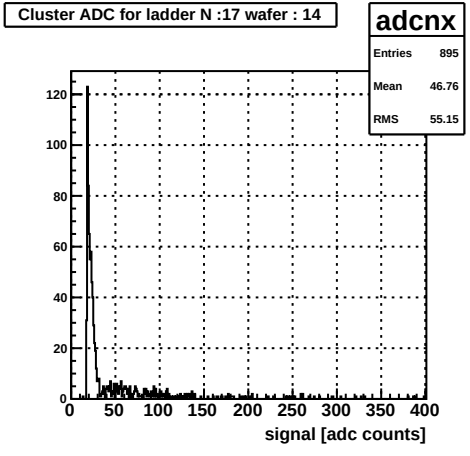

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 4448
Mean 26.14
RMS 24.61
signal [adc counts]

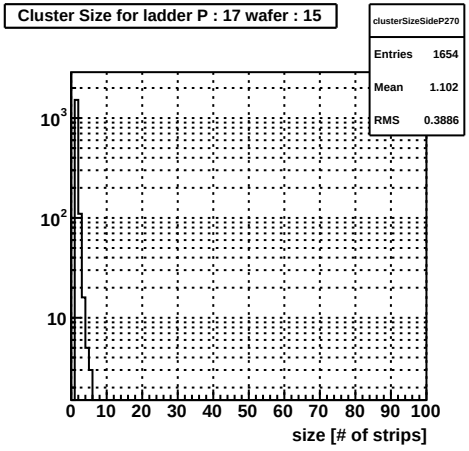

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 988
Mean 1.157
RMS 0.479
size [# of strips]

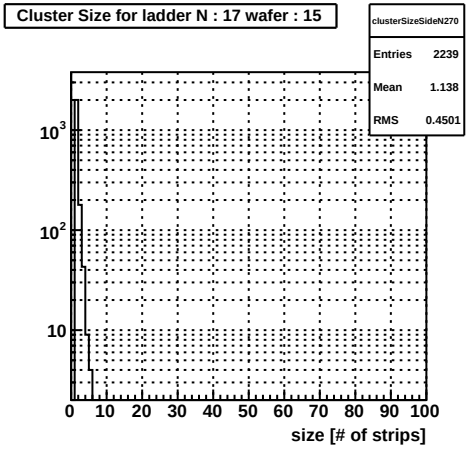

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 895
Mean 1.237
RMS 0.5977
size [# of strips]

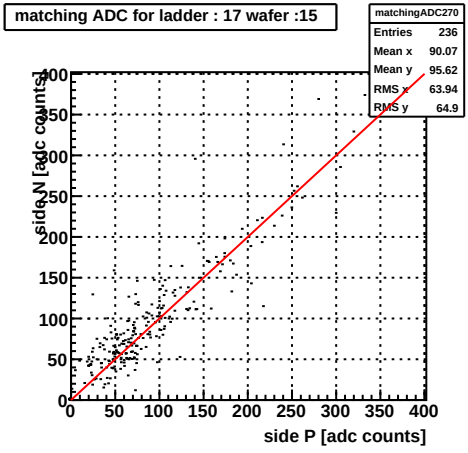

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 279
Mean x 78.53
Mean y 92.87
RMS x 65.98
RMS y 73.06
side N [adc counts]
side P [adc counts]

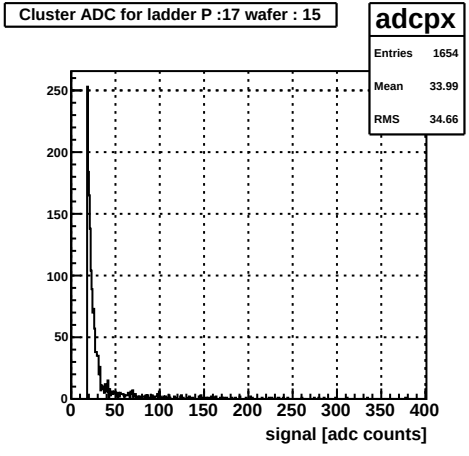

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 988
Mean 39.79
RMS 46.9
signal [adc counts]

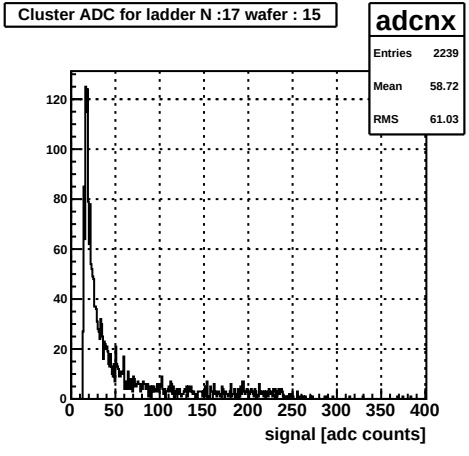

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 895
Mean 46.76
RMS 55.15
signal [adc counts]

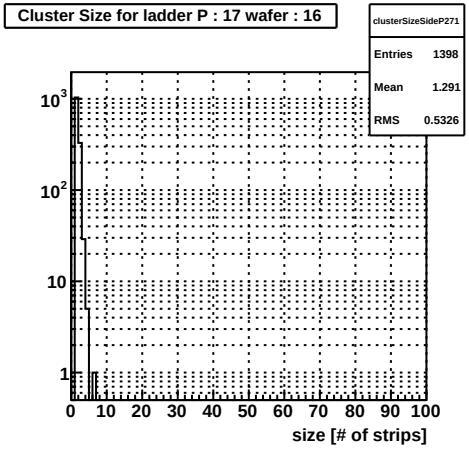

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1654
Mean 1.102
RMS 0.3886
size [# of strips]

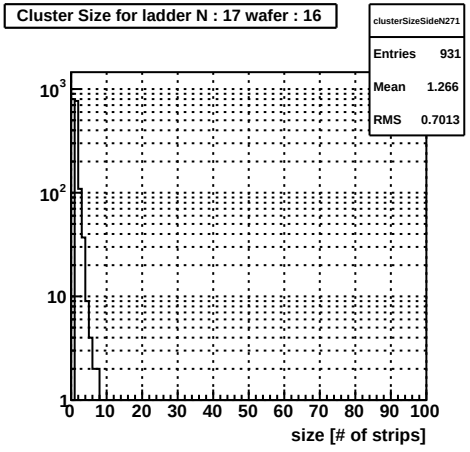

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2239
Mean 1.138
RMS 0.4501
size [# of strips]

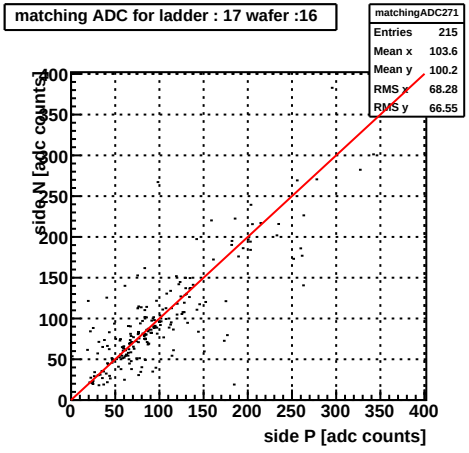

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 236
Mean x 90.07
Mean y 95.62
RMS x 63.94
RMS y 64.9
side N [adc counts]
side P [adc counts]

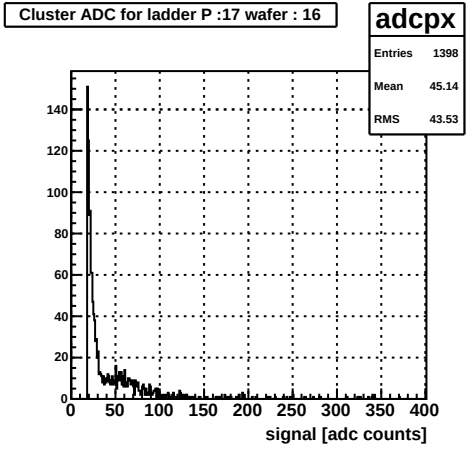

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1654
Mean 33.99
RMS 34.66
signal [adc counts]

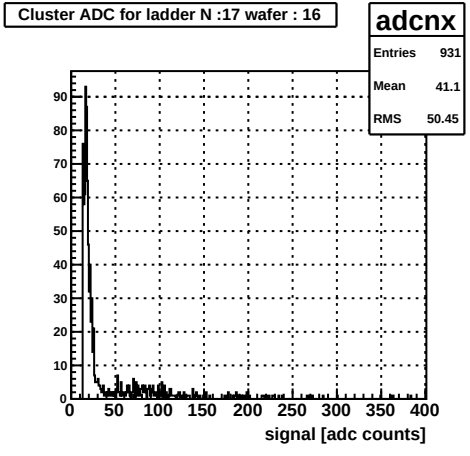

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2239
Mean 58.72
RMS 61.03
signal [adc counts]

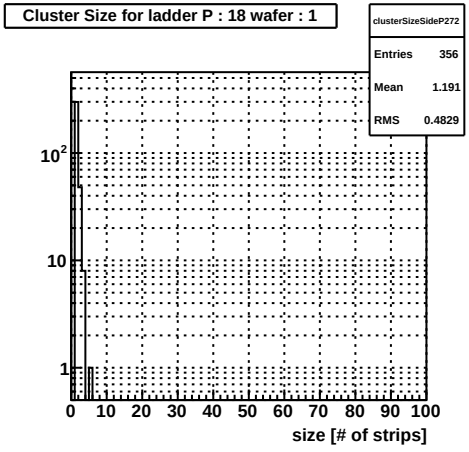

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1398
Mean 1.291
RMS 0.5326
size [# of strips]

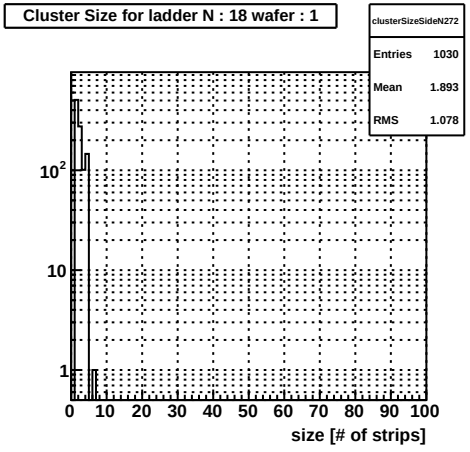

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 931
Mean 1.266
RMS 0.7013
size [# of strips]

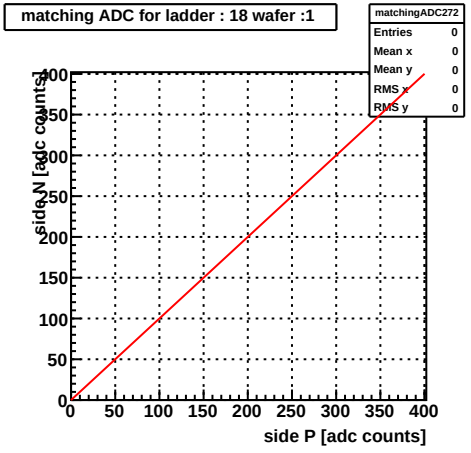

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 215
Mean x 103.6
Mean y 100.2
RMS x 68.28
RMS y 66.55
side N [adc counts]
side P [adc counts]

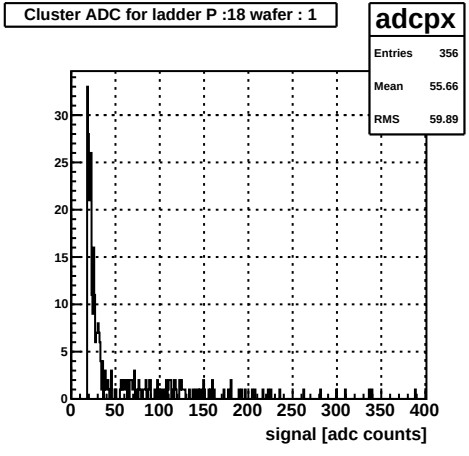

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1398
Mean 45.14
RMS 43.53
signal [adc counts]

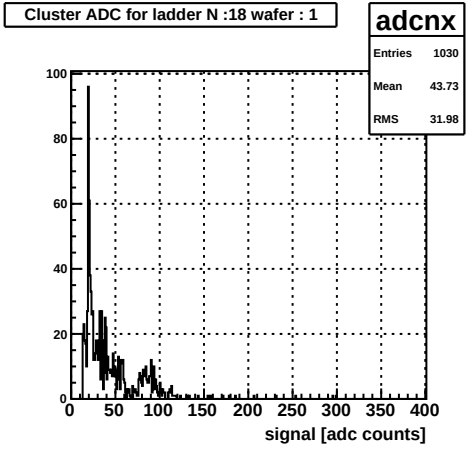

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 931
Mean 41.1
RMS 50.45
signal [adc counts]

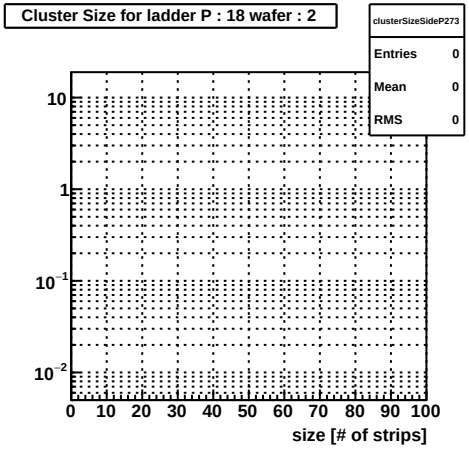

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 356
Mean 1.191
RMS 0.4829
size [# of strips]

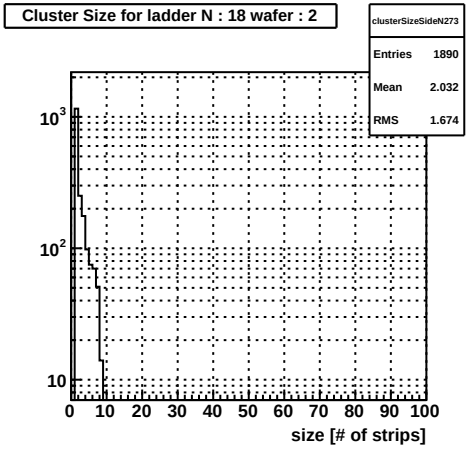

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1030
Mean 1.893
RMS 1.078
size [# of strips]

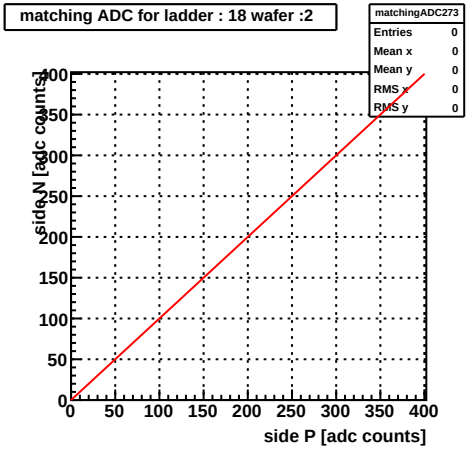

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

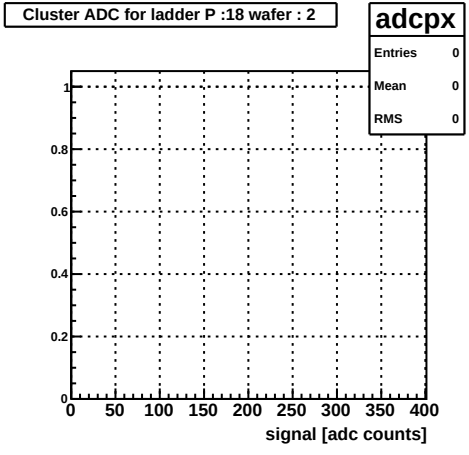

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 356
Mean 55.66
RMS 59.89
signal [adc counts]

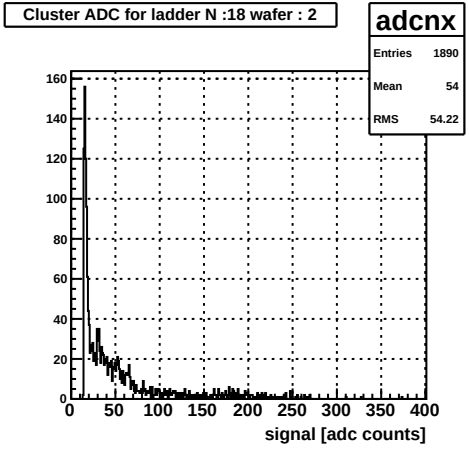

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1030
Mean 43.73
RMS 31.98
signal [adc counts]

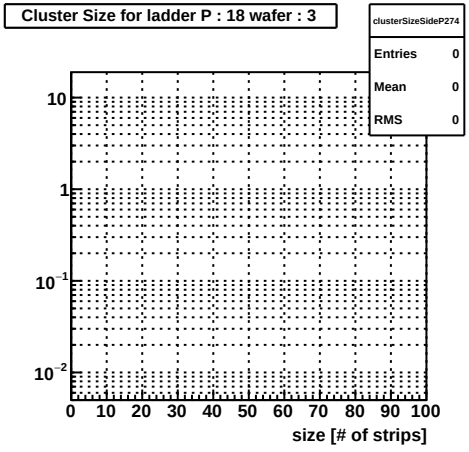

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

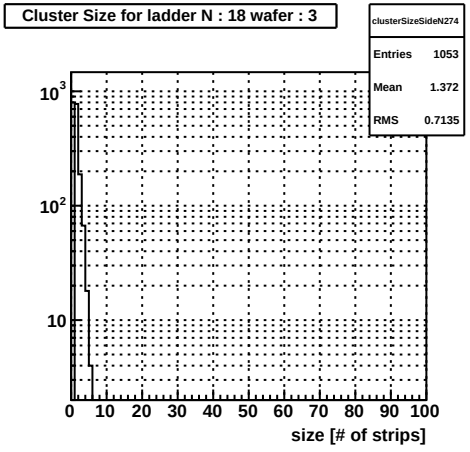

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1890
Mean 2.032
RMS 1.674
size [# of strips]

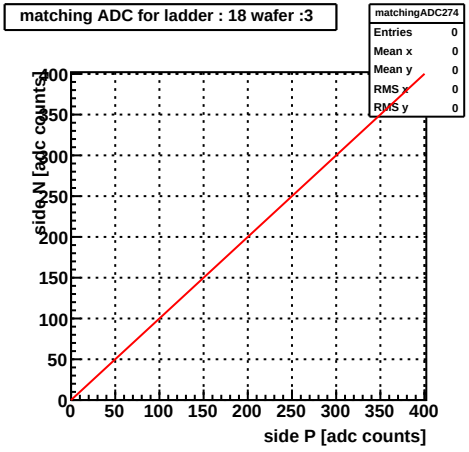

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

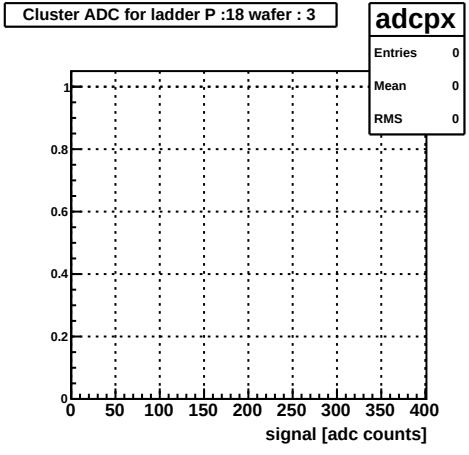

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

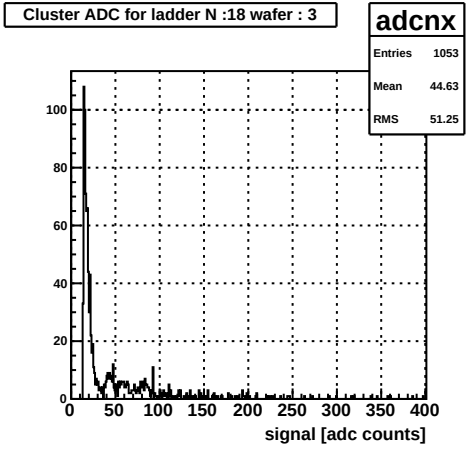

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1890
Mean 54
RMS 54.22
signal [adc counts]

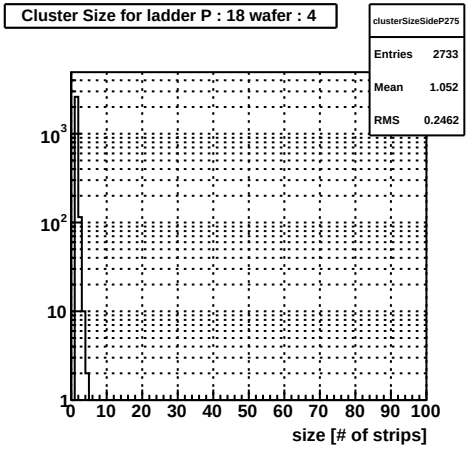

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

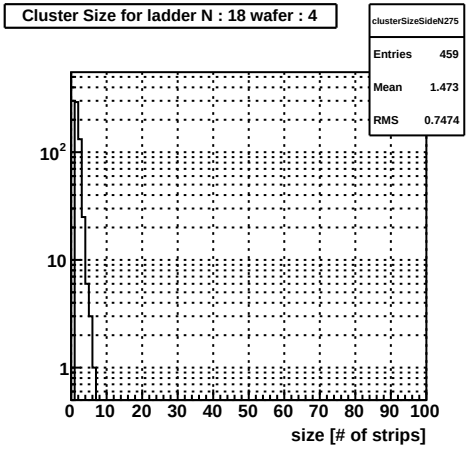

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1053
Mean 1.372
RMS 0.7135
size [# of strips]

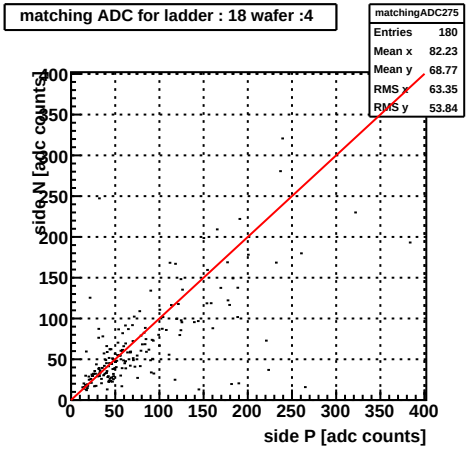

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

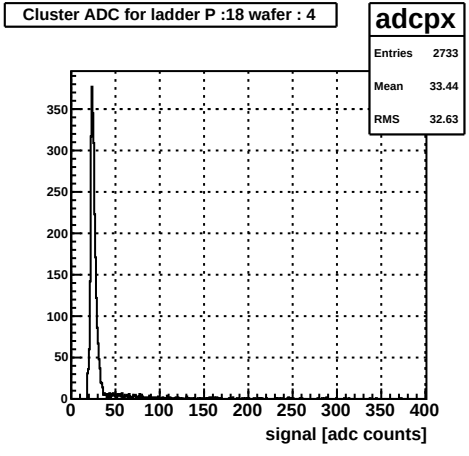

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

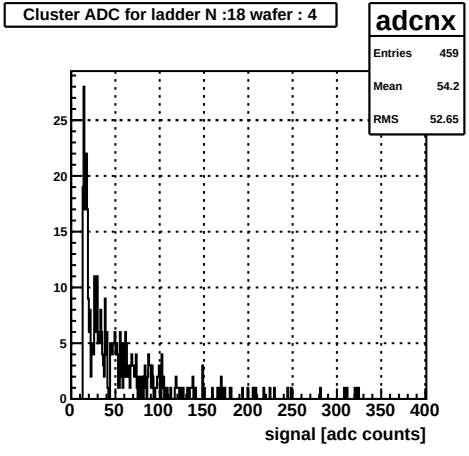

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1053
Mean 44.63
RMS 51.25
signal [adc counts]

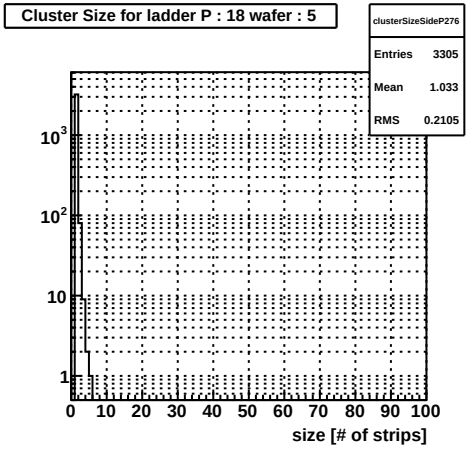

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2733
Mean 1.052
RMS 0.2462
size [# of strips]

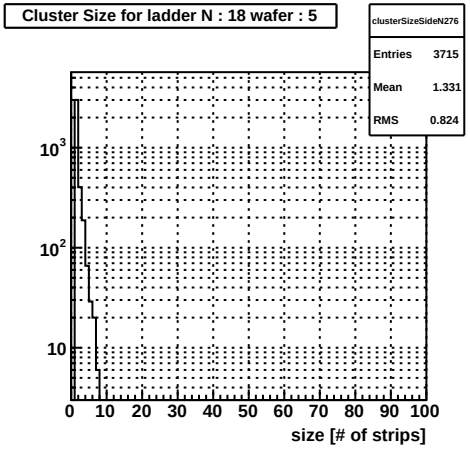

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 459
Mean 1.473
RMS 0.7474
size [# of strips]

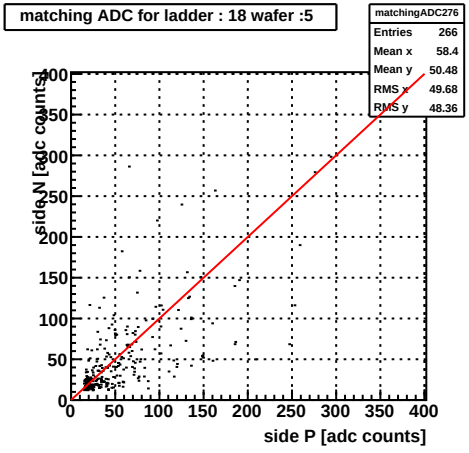

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 180
Mean x 82.23
Mean y 68.77
RMS x 63.35
RMS y 53.84
side N [adc counts]
side P [adc counts]

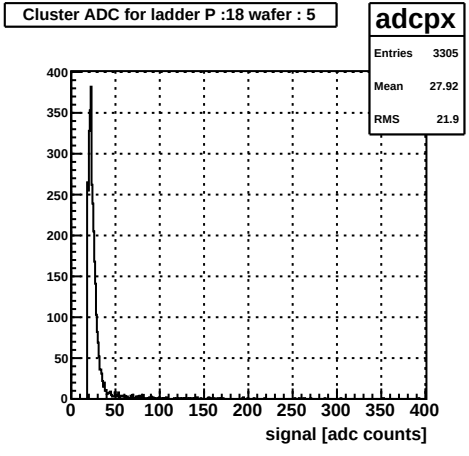

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2733
Mean 33.44
RMS 32.63
signal [adc counts]

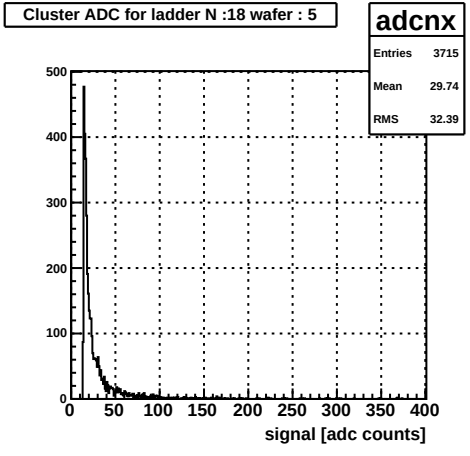

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 459
Mean 54.2
RMS 52.65
signal [adc counts]

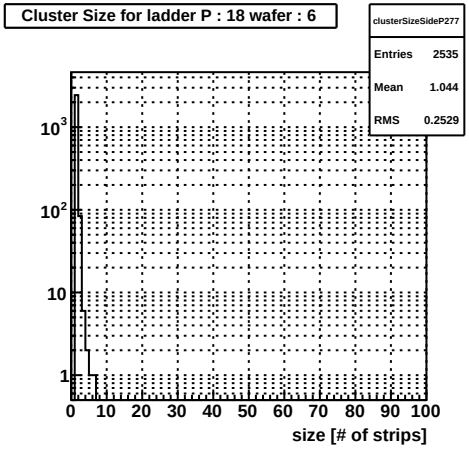

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3305
Mean 1.033
RMS 0.2105
size [# of strips]

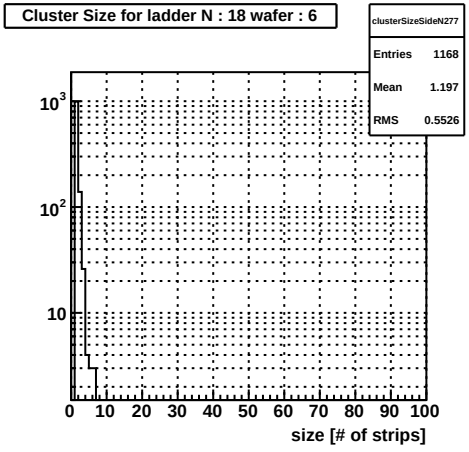

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3715
Mean 1.331
RMS 0.824
size [# of strips]

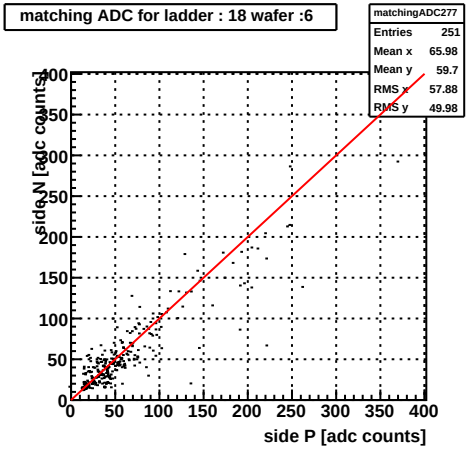

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 266
Mean x 58.4
Mean y 50.48
RMS x 49.68
RMS y 48.36
side N [adc counts]
side P [adc counts]

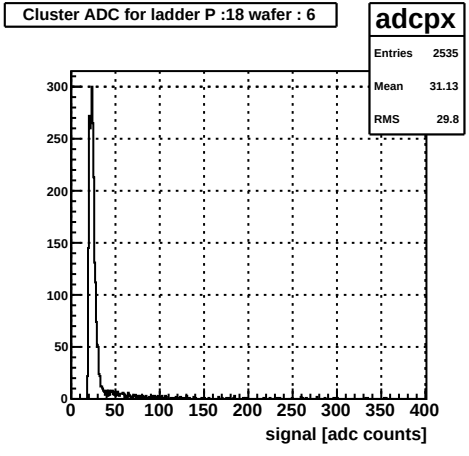

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3305
Mean 27.92
RMS 21.9
signal [adc counts]

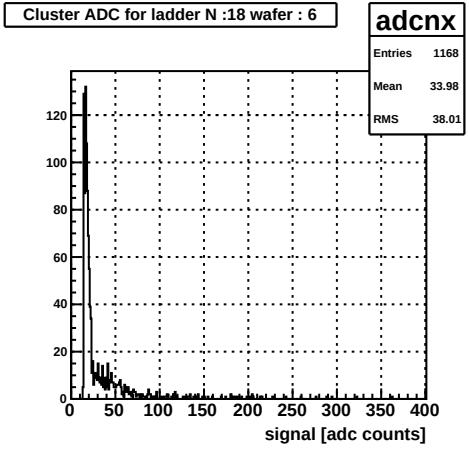

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3715
Mean 29.74
RMS 32.39
signal [adc counts]

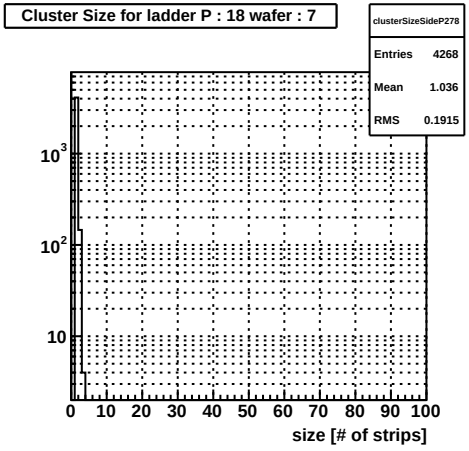

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2535
Mean 1.044
RMS 0.2529
size [# of strips]

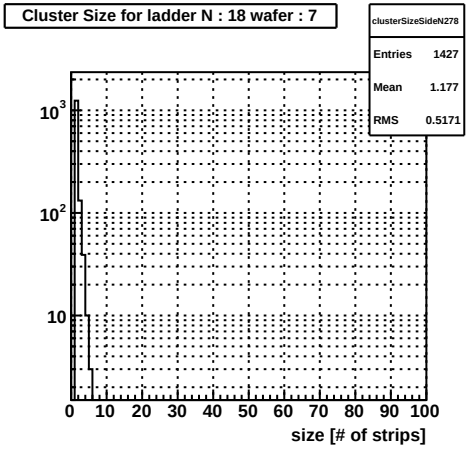

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1168
Mean 1.197
RMS 0.5526
size [# of strips]

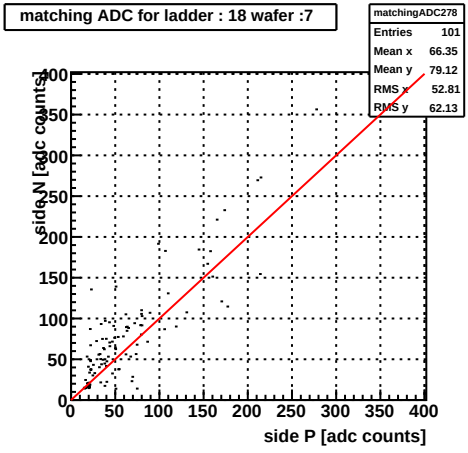

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 251
Mean x 65.98
Mean y 59.7
RMS x 57.88
RMS y 49.98
side N [adc counts]
side P [adc counts]

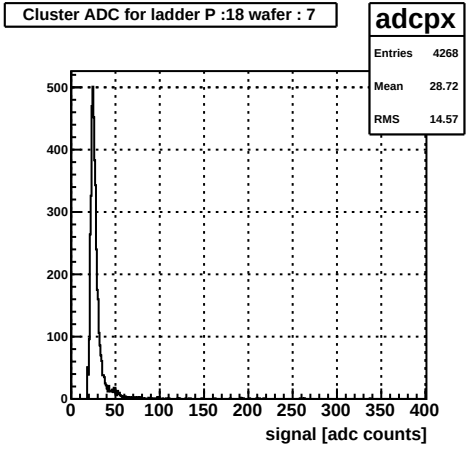

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2535
Mean 31.13
RMS 29.8
signal [adc counts]

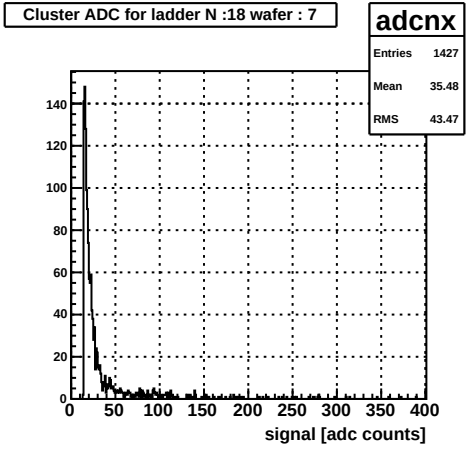

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1168
Mean 33.98
RMS 38.01
signal [adc counts]

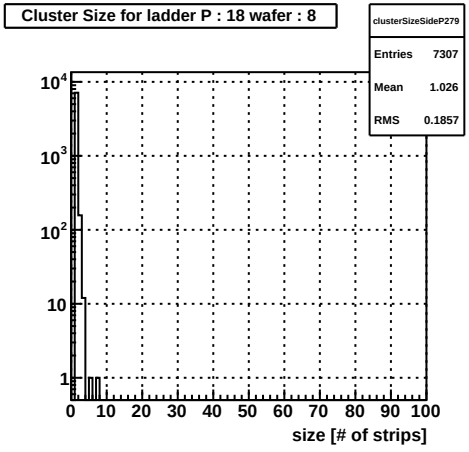

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4268
Mean 1.036
RMS 0.1915
size [# of strips]

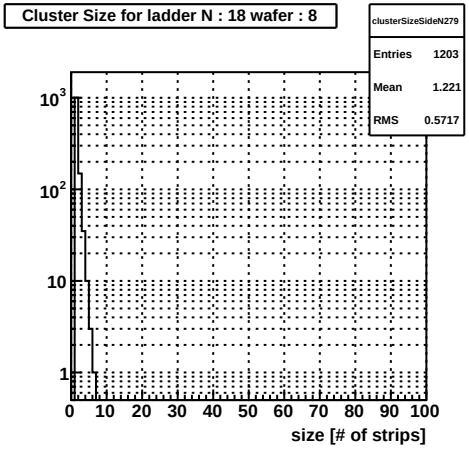

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1427
Mean 1.177
RMS 0.5171
size [# of strips]

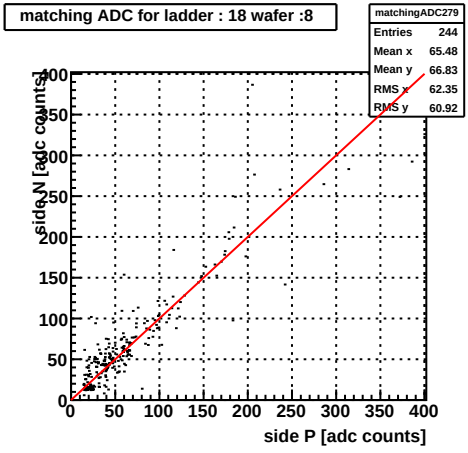

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 101
Mean x 66.35
Mean y 79.12
RMS x 52.81
RMS y 62.13
side N [adc counts]
side P [adc counts]

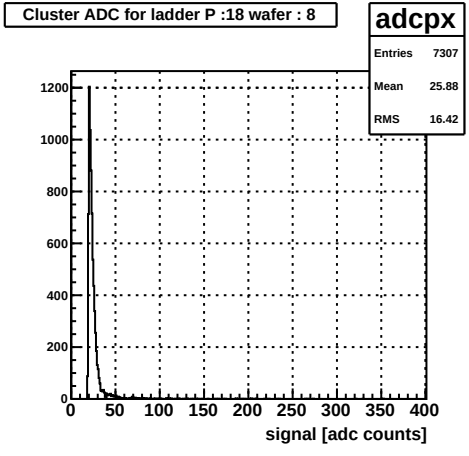

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4268
Mean 28.72
RMS 14.57
signal [adc counts]

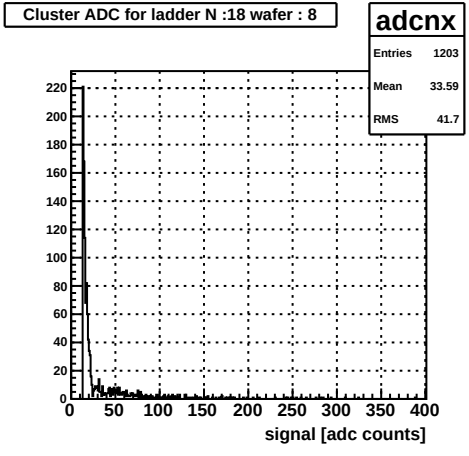

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1427
Mean 35.48
RMS 43.47
signal [adc counts]

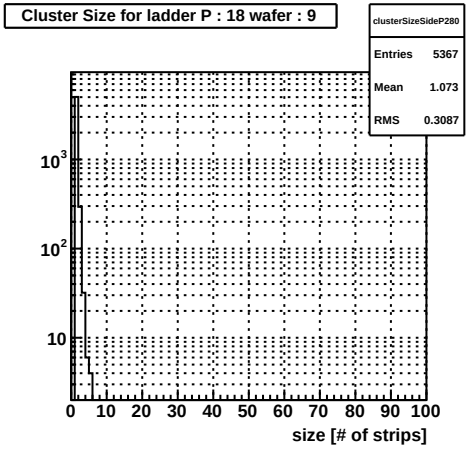

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7307
Mean 1.026
RMS 0.1857
size [# of strips]

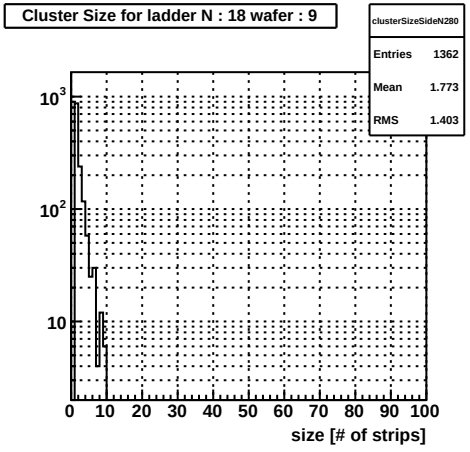

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1203
Mean 1.221
RMS 0.5717
size [# of strips]

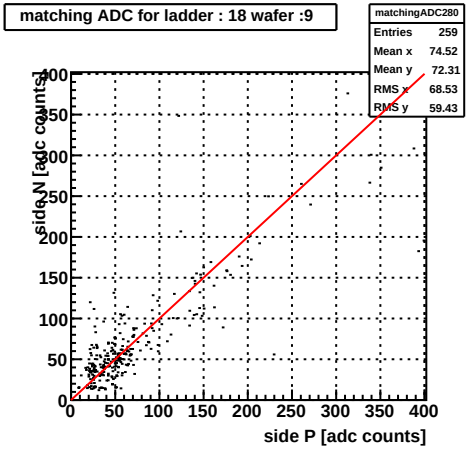

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 244
Mean x 65.48
Mean y 66.83
RMS x 62.35
RMS y 60.92
side N [adc counts]
side P [adc counts]

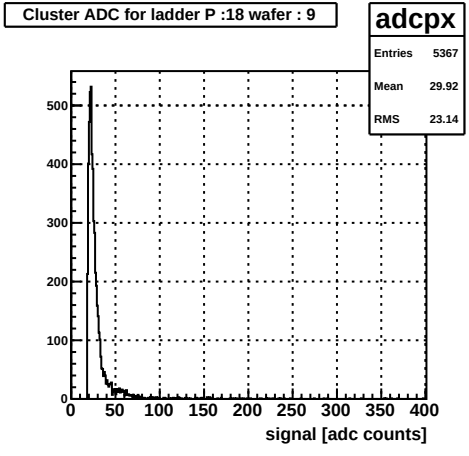

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7307
Mean 25.88
RMS 16.42
signal [adc counts]

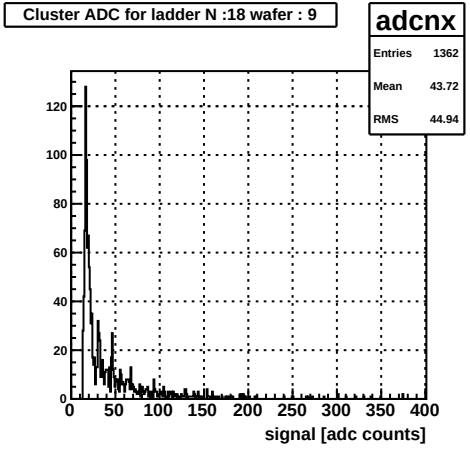

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1203
Mean 33.59
RMS 41.7
signal [adc counts]

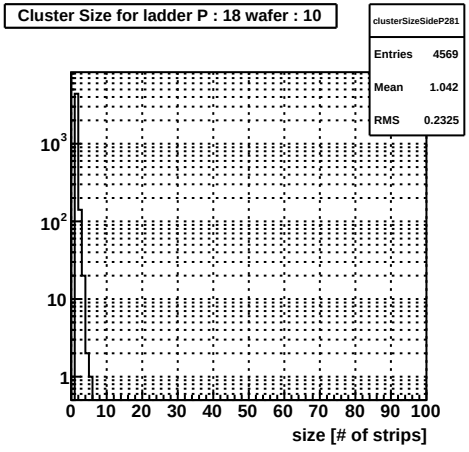

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 5367
Mean 1.073
RMS 0.3087
size [# of strips]

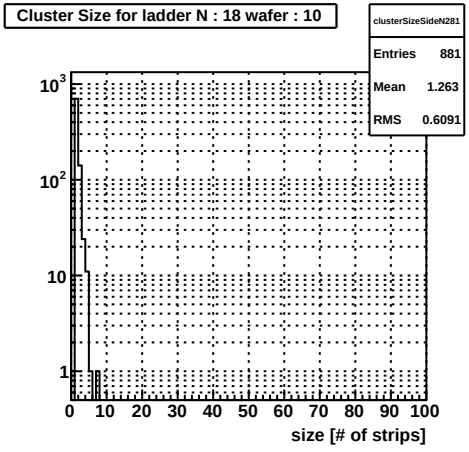

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1362
Mean 1.773
RMS 1.403
size [# of strips]

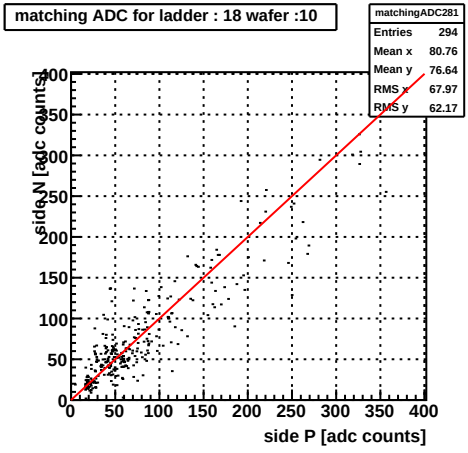

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 259
Mean x 74.52
Mean y 72.31
RMS x 68.53
RMS y 59.43
side N [adc counts]
side P [adc counts]

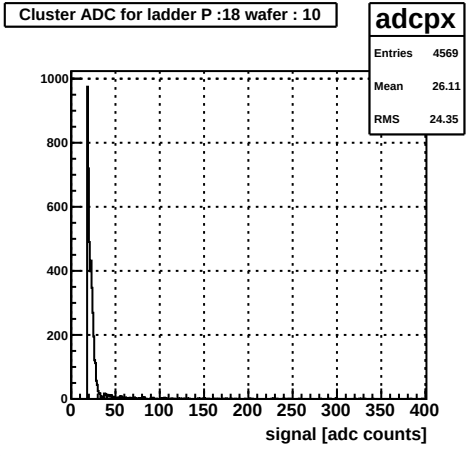

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 5367
Mean 29.92
RMS 23.14
signal [adc counts]

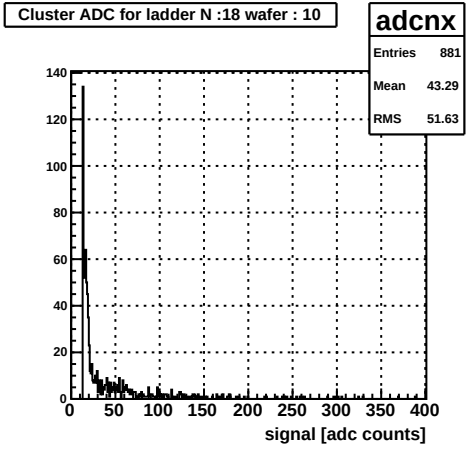

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1362
Mean 43.72
RMS 44.94
signal [adc counts]

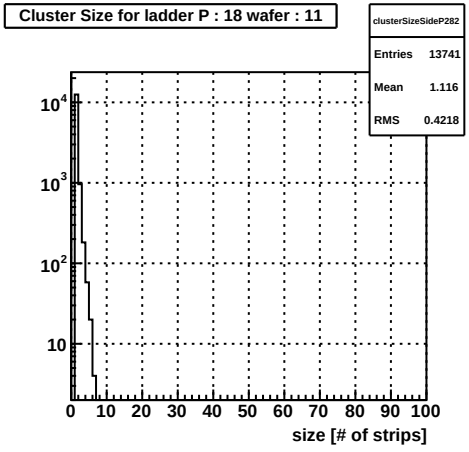

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4569
Mean 1.042
RMS 0.2325
size [# of strips]

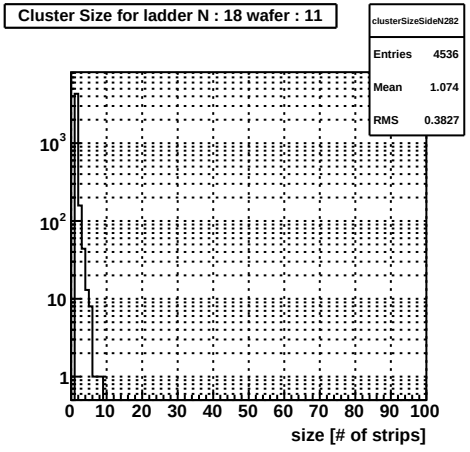

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 881
Mean 1.263
RMS 0.6091
size [# of strips]

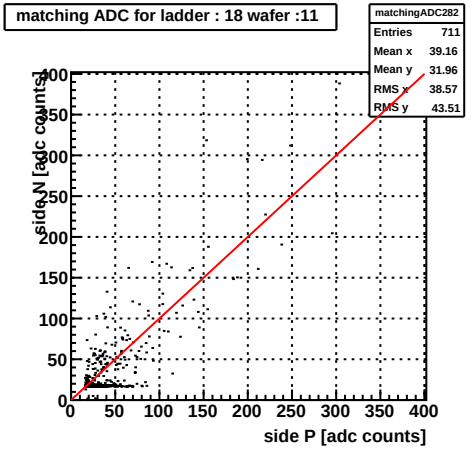

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 294
Mean x 80.76
Mean y 76.64
RMS x 67.97
RMS y 62.17
side N [adc counts]
side P [adc counts]

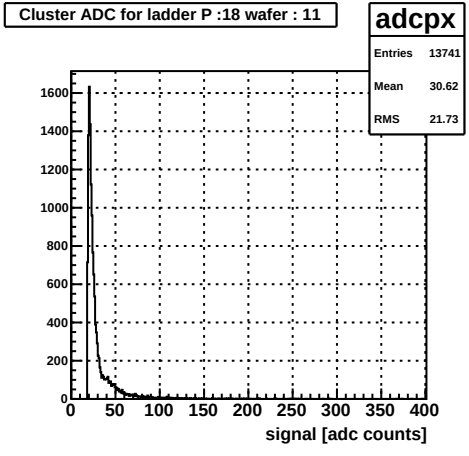

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4569
Mean 26.11
RMS 24.35
signal [adc counts]

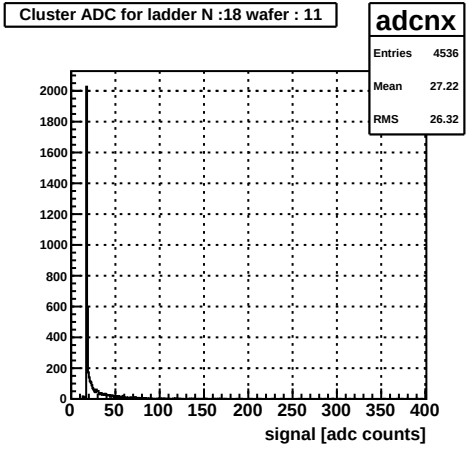

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 881
Mean 43.29
RMS 51.63
signal [adc counts]

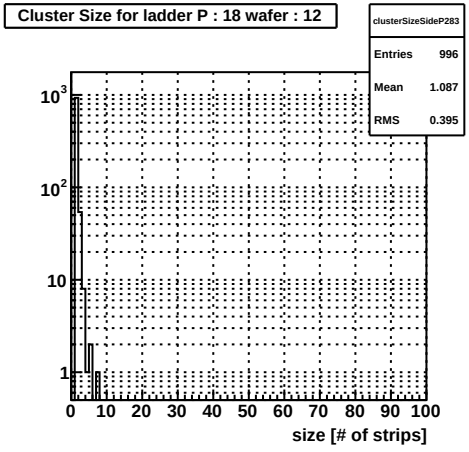

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13741
Mean 1.116
RMS 0.4218
size [# of strips]

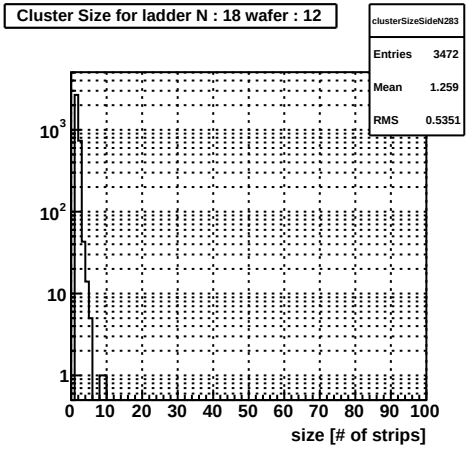

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4536
Mean 1.074
RMS 0.3827
size [# of strips]

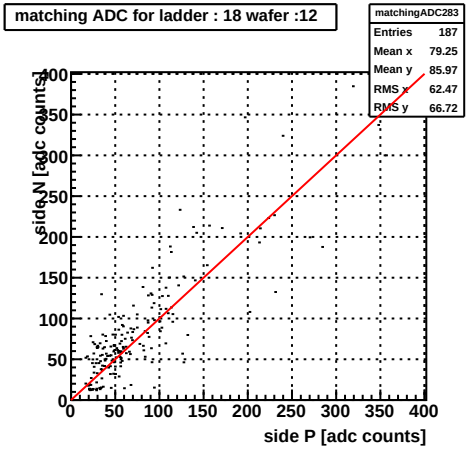

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 711
Mean x 39.16
Mean y 31.96
RMS x 38.57
RMS y 43.51
side N [adc counts]
side P [adc counts]

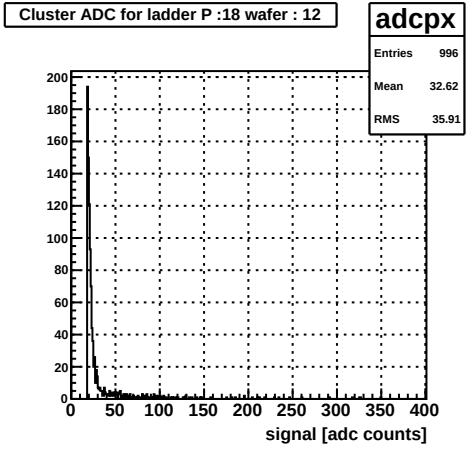

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13741
Mean 30.62
RMS 21.73
signal [adc counts]

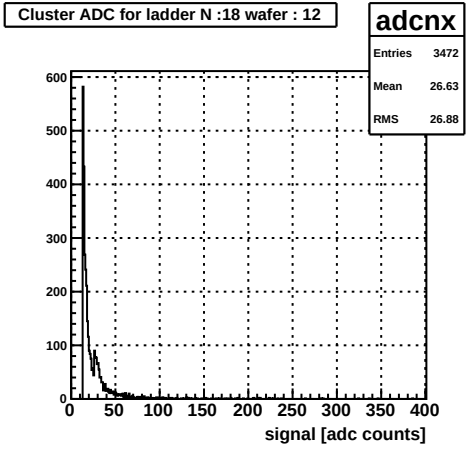

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4536
Mean 27.22
RMS 26.32
signal [adc counts]

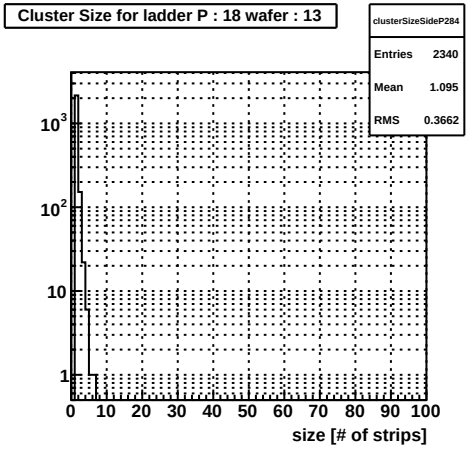

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 996
Mean 1.087
RMS 0.395
size [# of strips]

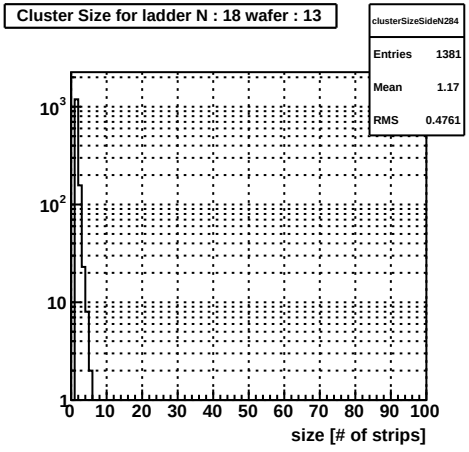

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3472
Mean 1.259
RMS 0.5351
size [# of strips]

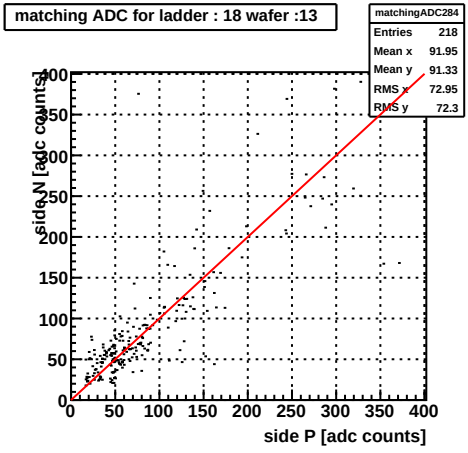

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 187
Mean x 79.25
Mean y 85.97
RMS x 62.47
RMS y 66.72
side N [adc counts]
side P [adc counts]

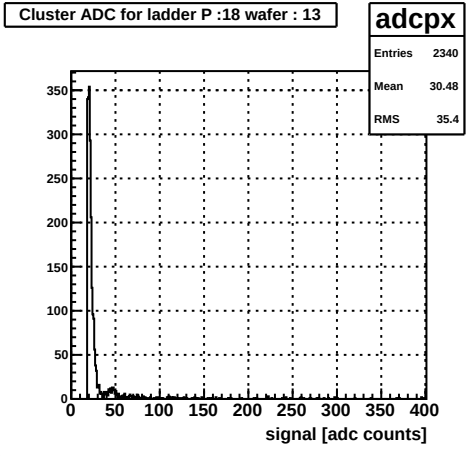

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 996
Mean 32.62
RMS 35.91
signal [adc counts]

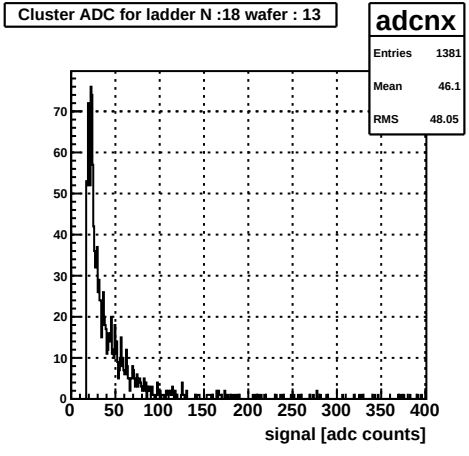

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3472
Mean 26.63
RMS 26.88
signal [adc counts]

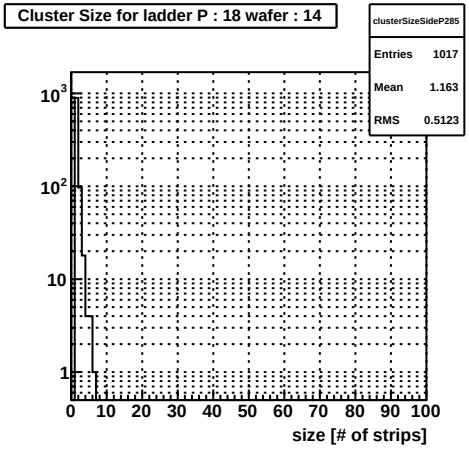

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2340
Mean 1.095
RMS 0.3662
size [# of strips]

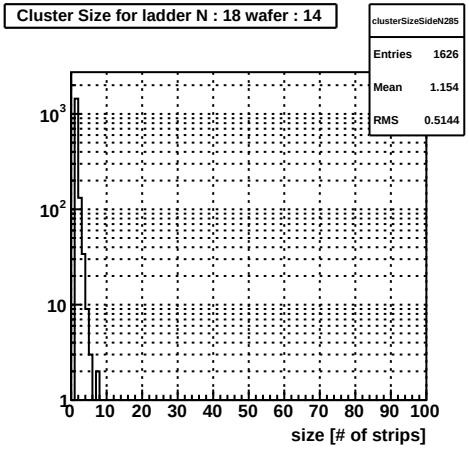

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1381
Mean 1.17
RMS 0.4761
size [# of strips]

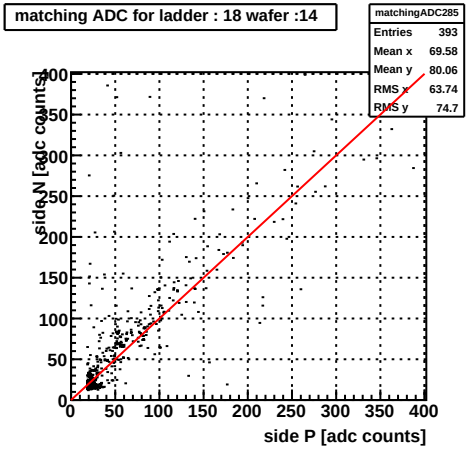

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 218
Mean x 91.95
Mean y 91.33
RMS x 72.95
RMS y 72.3
side N [adc counts]
side P [adc counts]

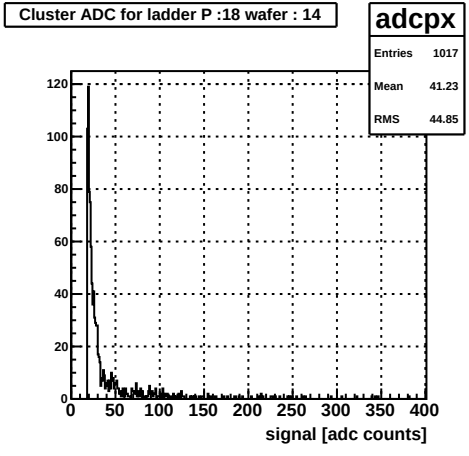

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2340
Mean 30.48
RMS 35.4
signal [adc counts]

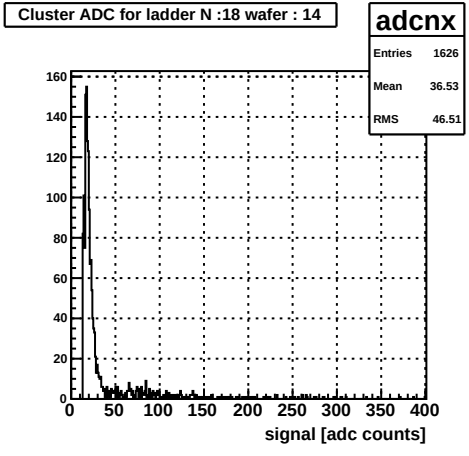

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1381
Mean 46.1
RMS 48.05
signal [adc counts]

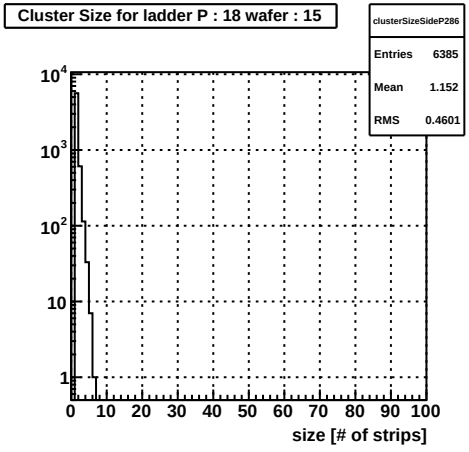

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1017
Mean 1.163
RMS 0.5123
size [# of strips]

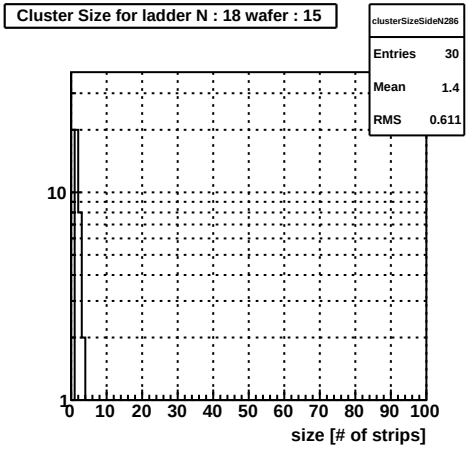

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1626
Mean 1.154
RMS 0.5144
size [# of strips]

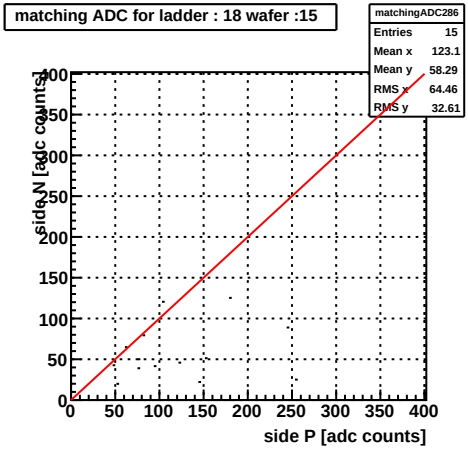

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 393
Mean x 69.58
Mean y 80.06
RMS x 63.74
RMS y 74.7
side N [adc counts]
side P [adc counts]

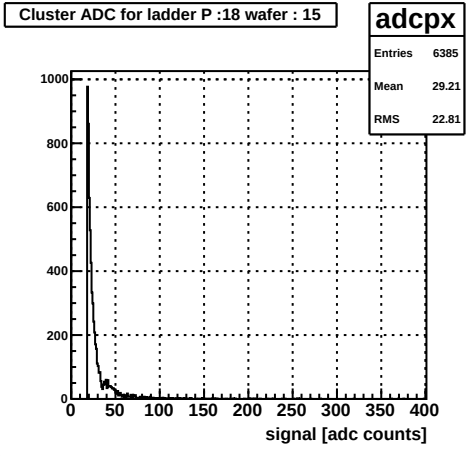

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1017
Mean 41.23
RMS 44.85
signal [adc counts]

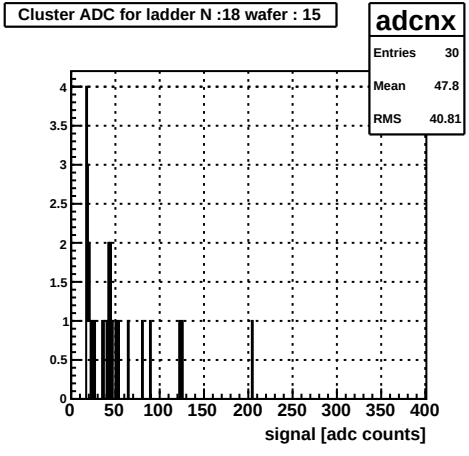

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1626
Mean 36.53
RMS 46.51
signal [adc counts]

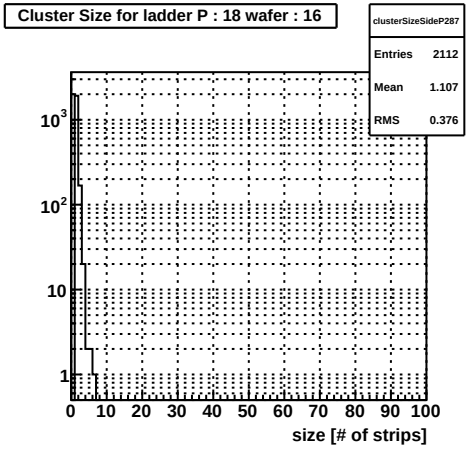

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 6385
Mean 1.152
RMS 0.4601
size [# of strips]

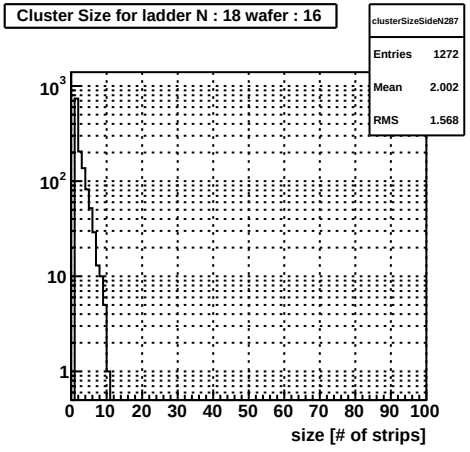

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 30
Mean 1.4
RMS 0.611
size [# of strips]

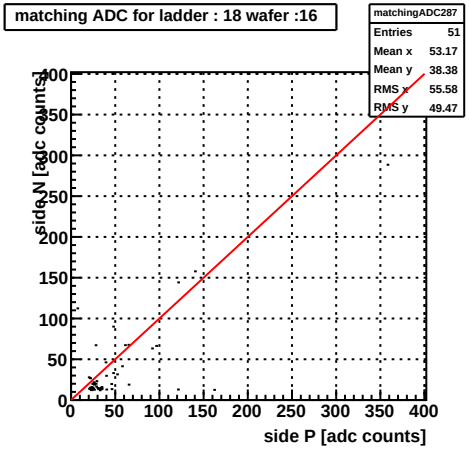

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 15
Mean x 123.1
Mean y 58.29
RMS x 64.46
RMS y 32.61
side N [adc counts]
side P [adc counts]

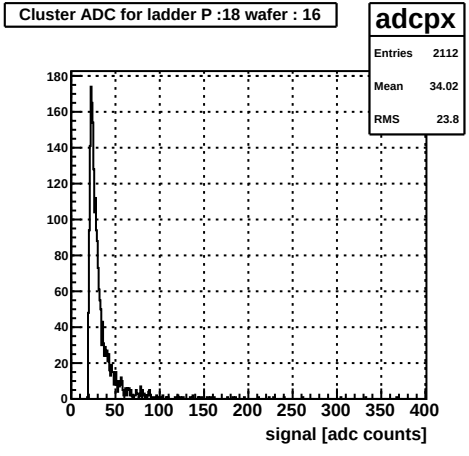

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 6385
Mean 29.21
RMS 22.81
signal [adc counts]

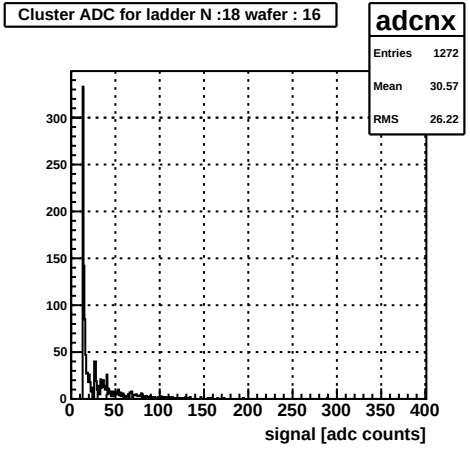

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 30
Mean 47.8
RMS 40.81
signal [adc counts]

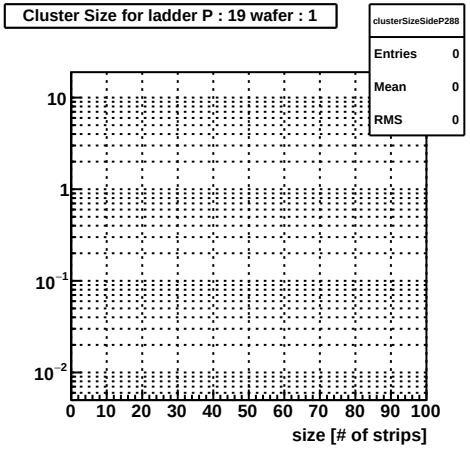

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2112
Mean 1.107
RMS 0.376
size [# of strips]

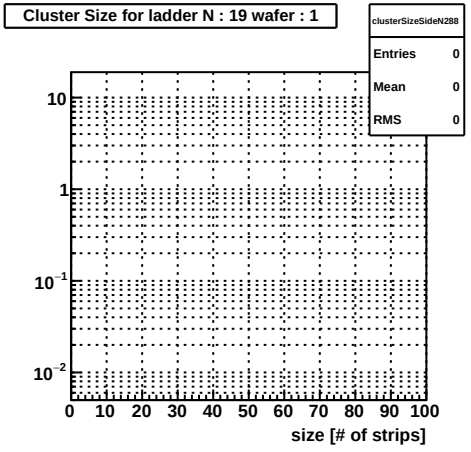

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1272
Mean 2.002
RMS 1.568
size [# of strips]

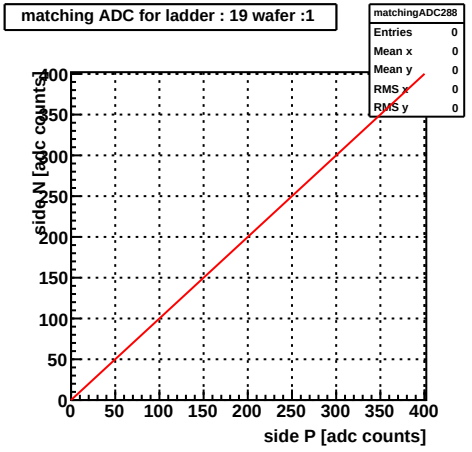

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 51
Mean x 53.17
Mean y 38.38
RMS x 55.58
RMS y 49.47
side N [adc counts]
side P [adc counts]

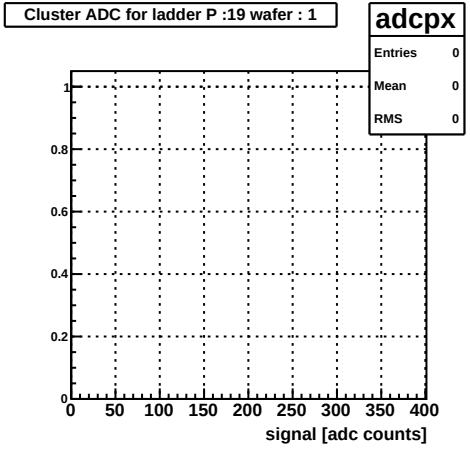

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2112
Mean 34.02
RMS 23.8
signal [adc counts]

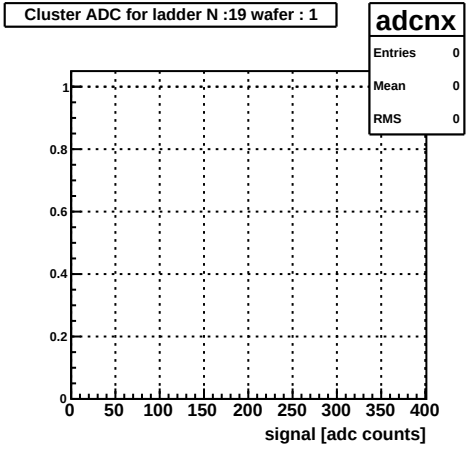

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1272
Mean 30.57
RMS 26.22
signal [adc counts]

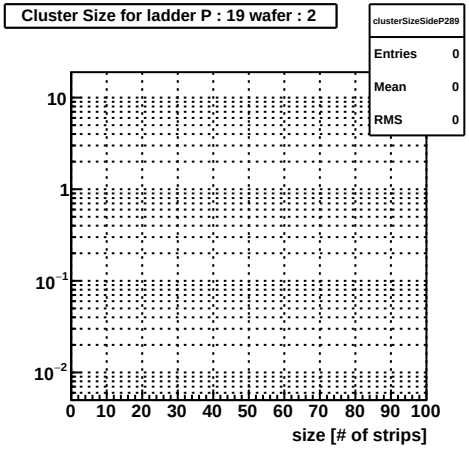

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

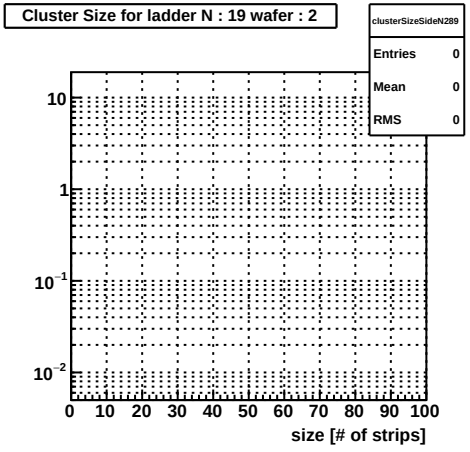

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

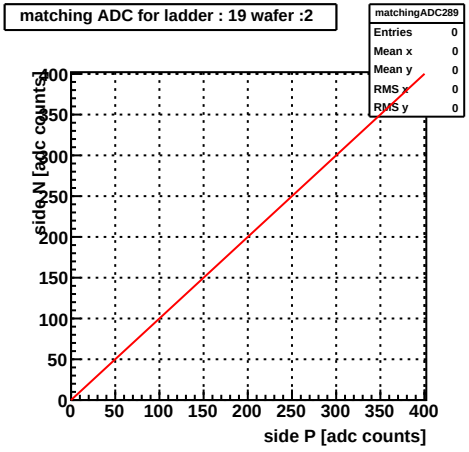

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

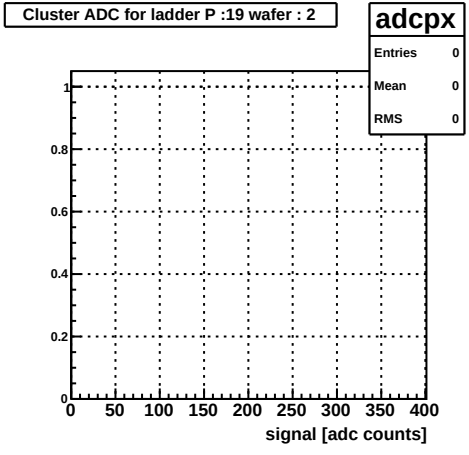

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

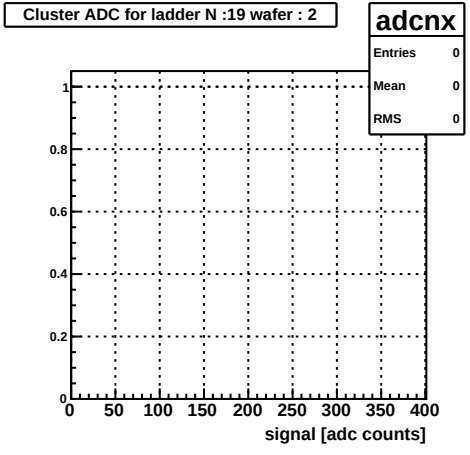

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

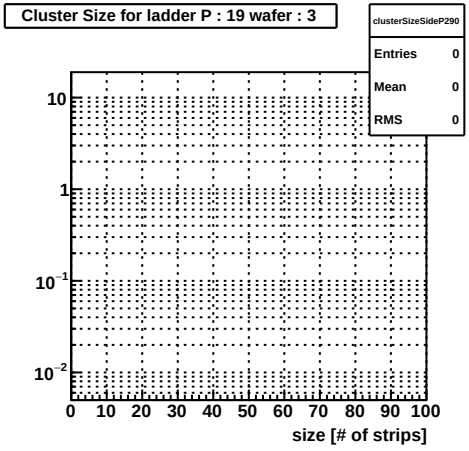

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

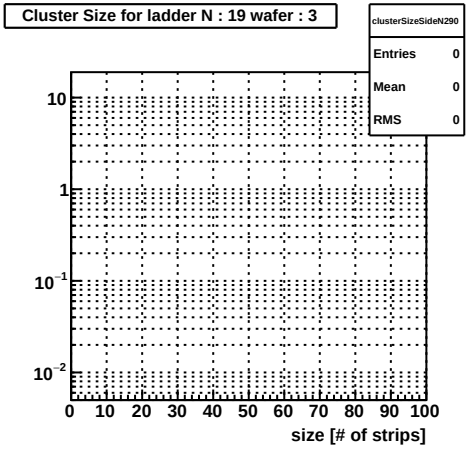

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

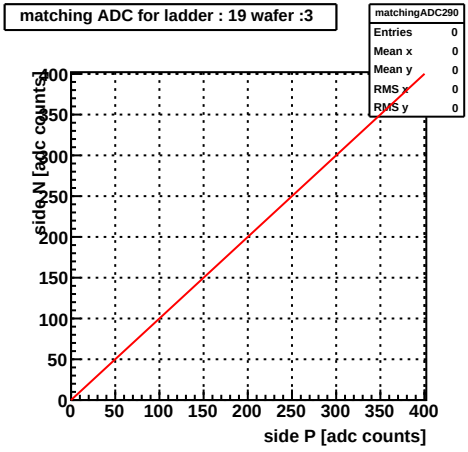

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

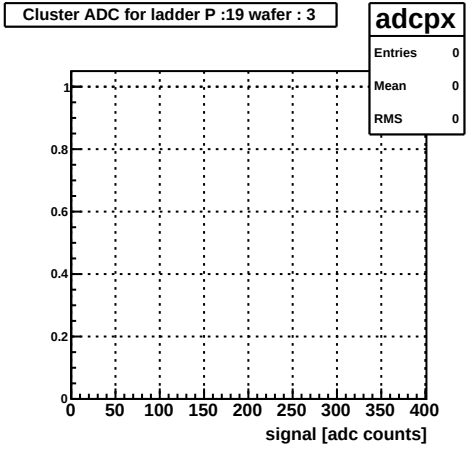

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

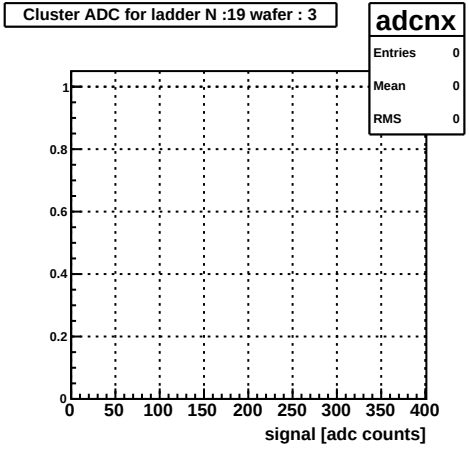

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

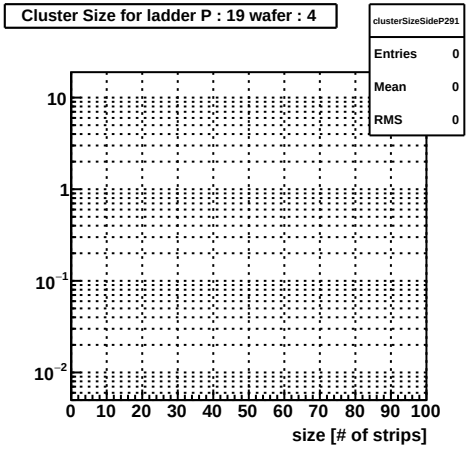

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

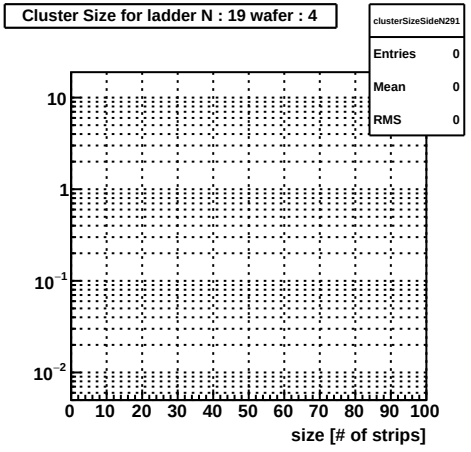

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

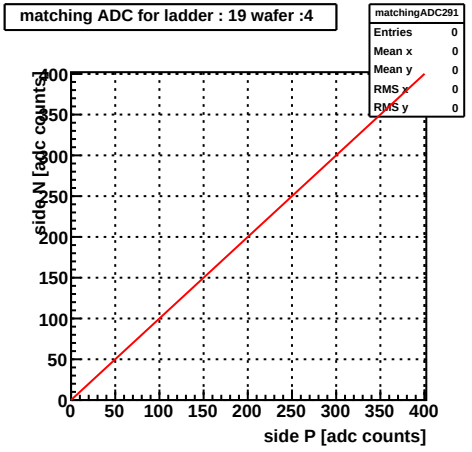

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

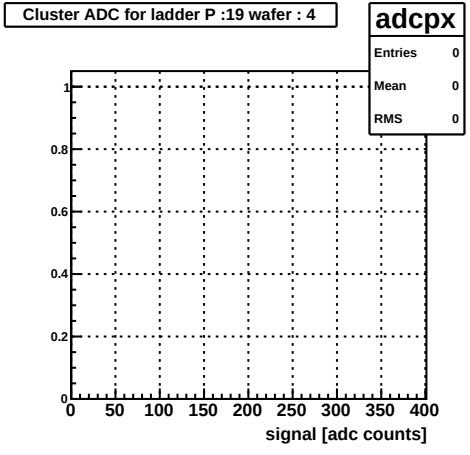

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

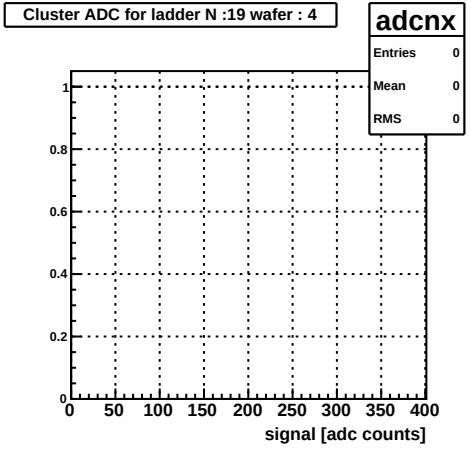

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

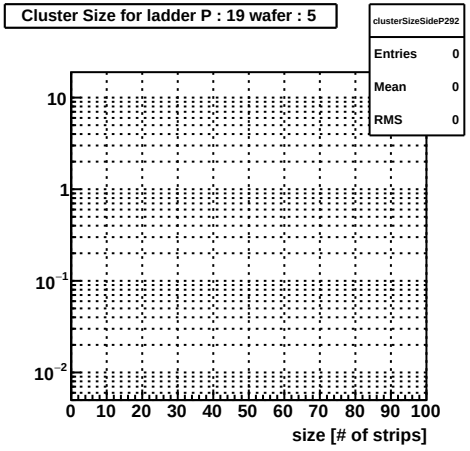

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

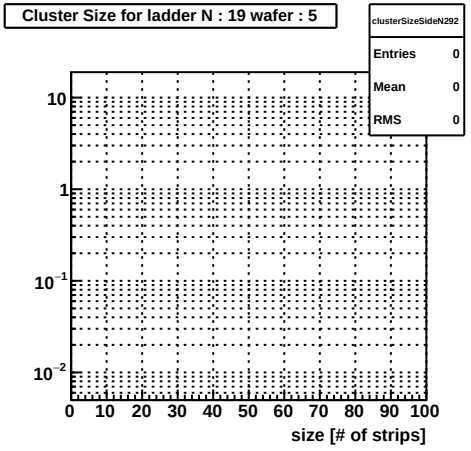

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

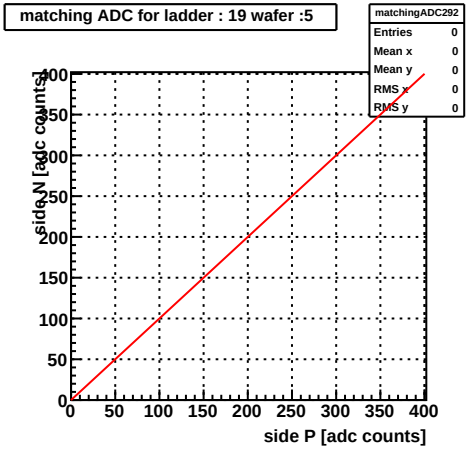

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

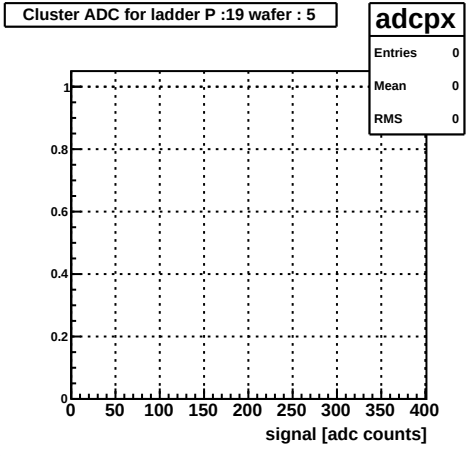

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

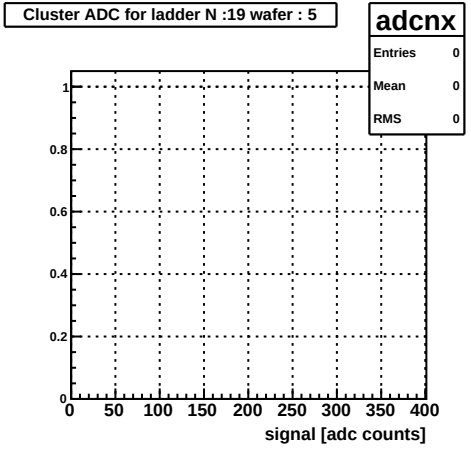

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

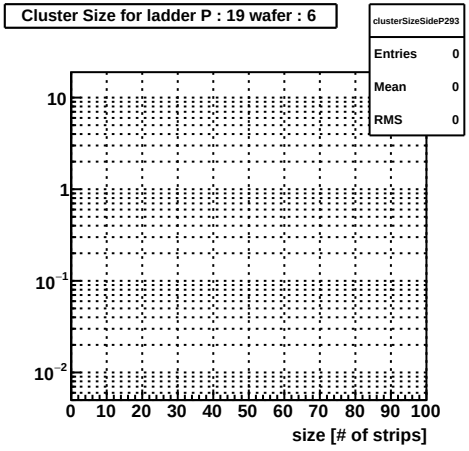

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

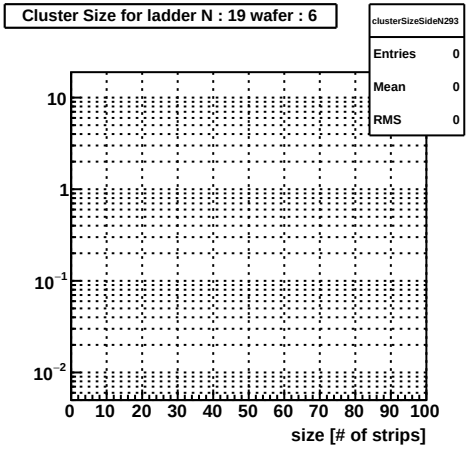

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

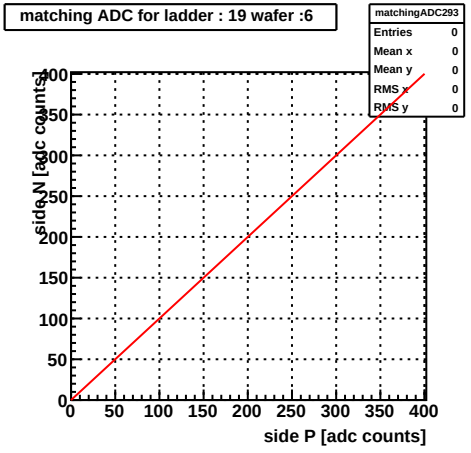

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

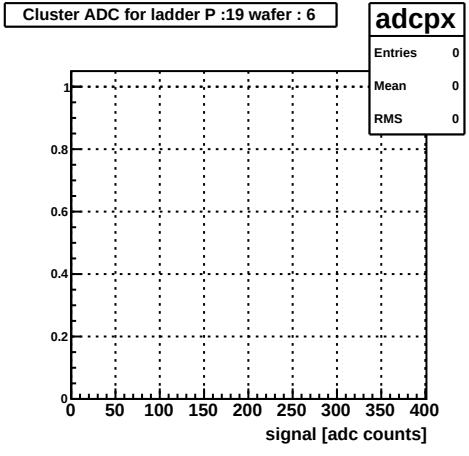

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

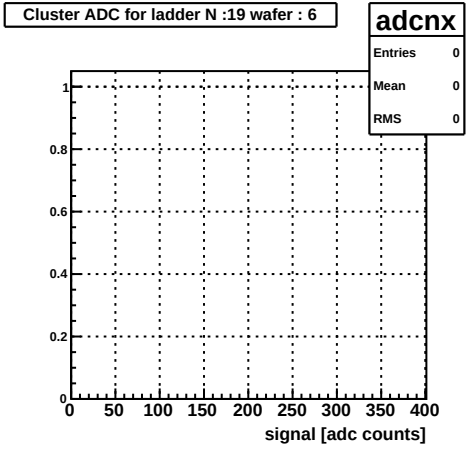

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

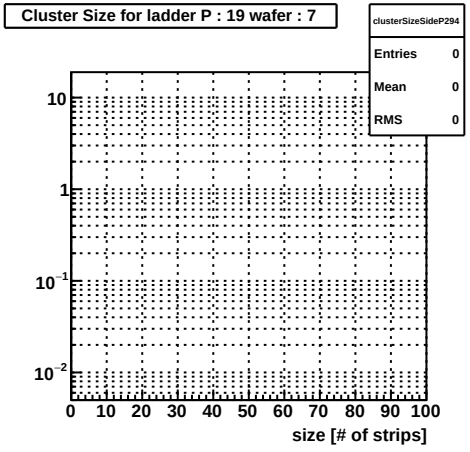

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

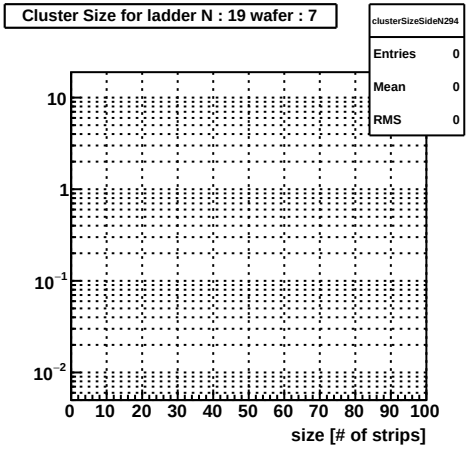

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

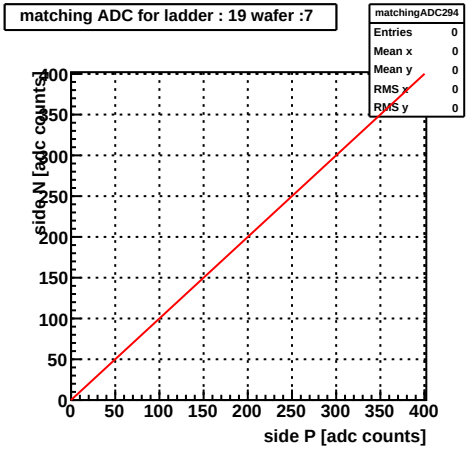

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

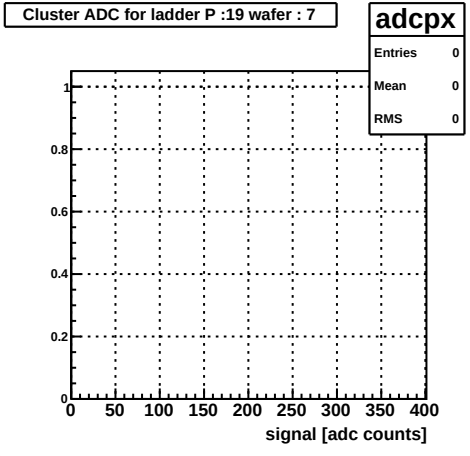

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

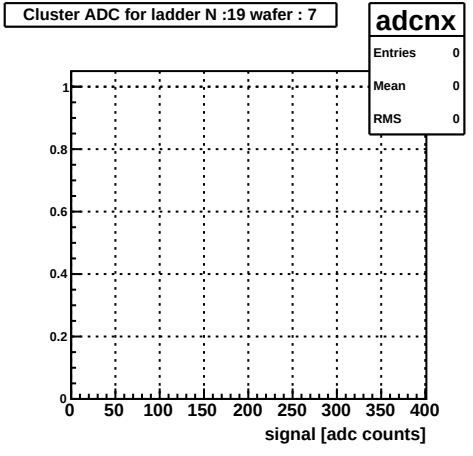

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

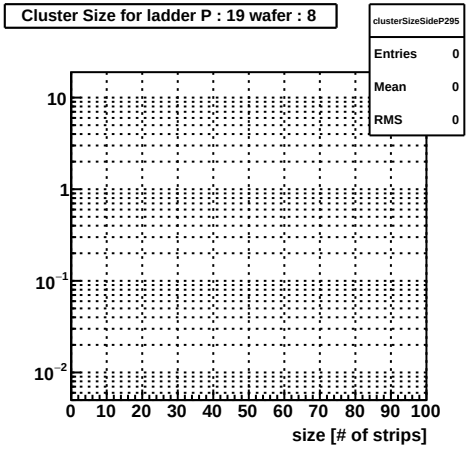

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

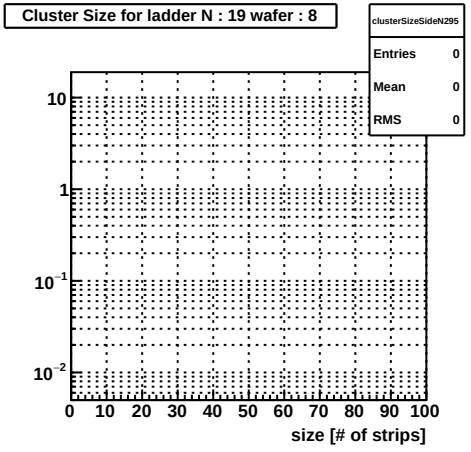

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

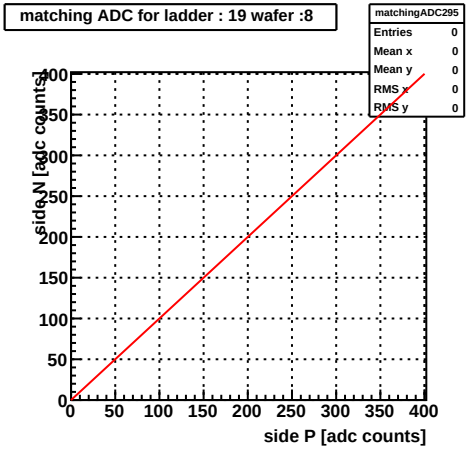

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

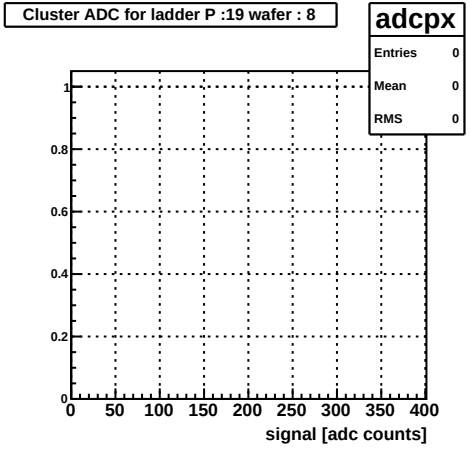

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

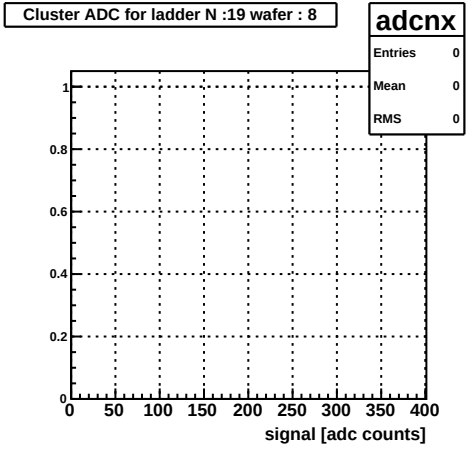

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

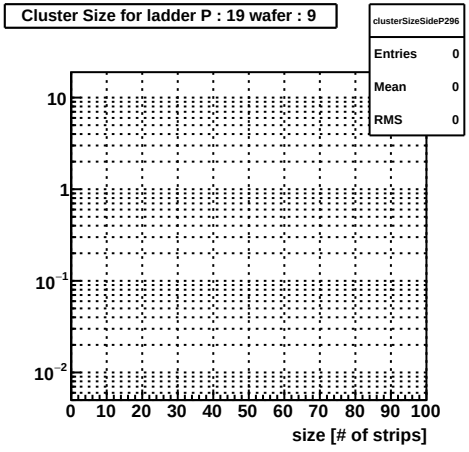

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

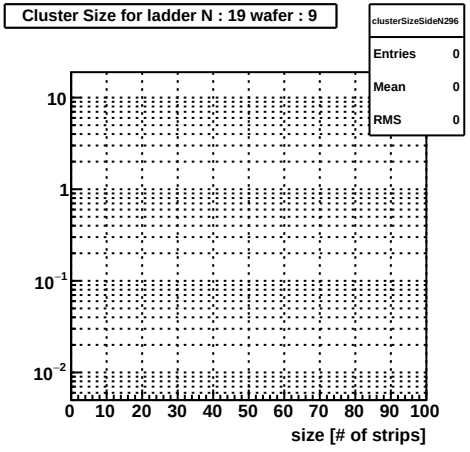

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

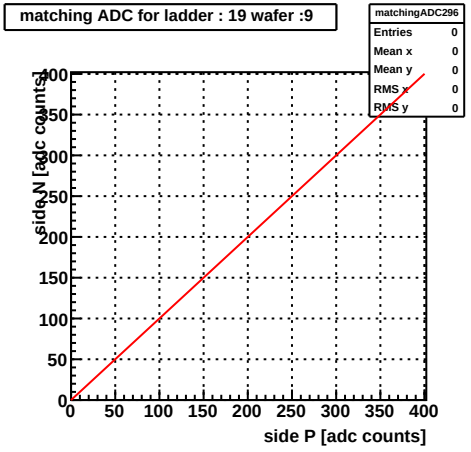

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

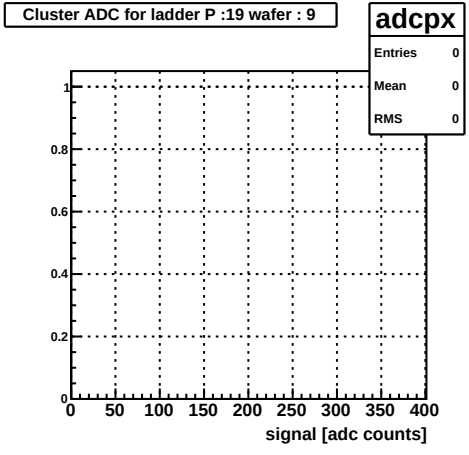

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

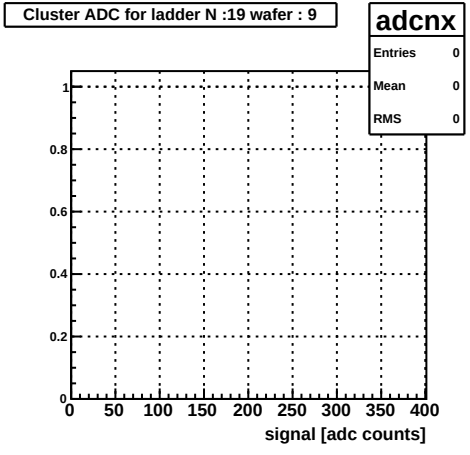

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

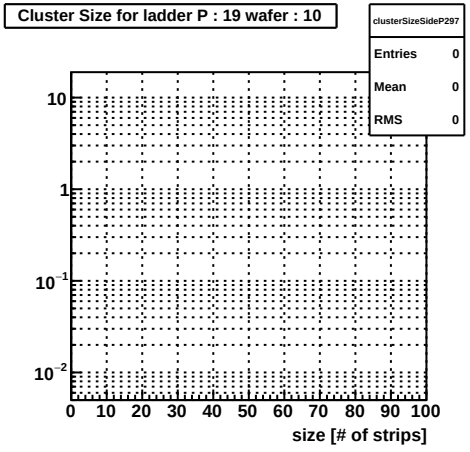

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

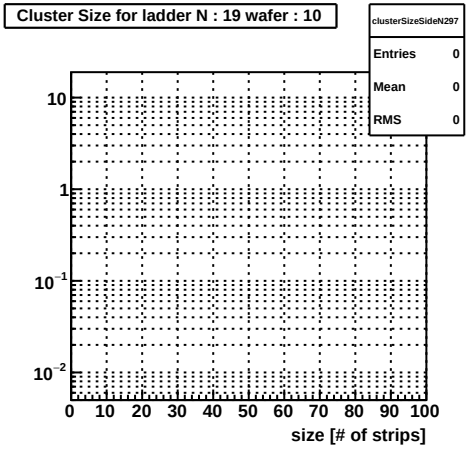

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

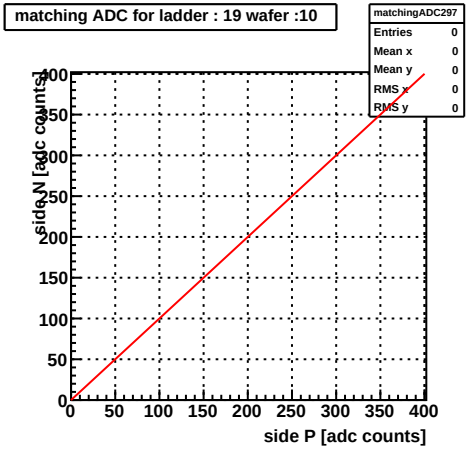

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

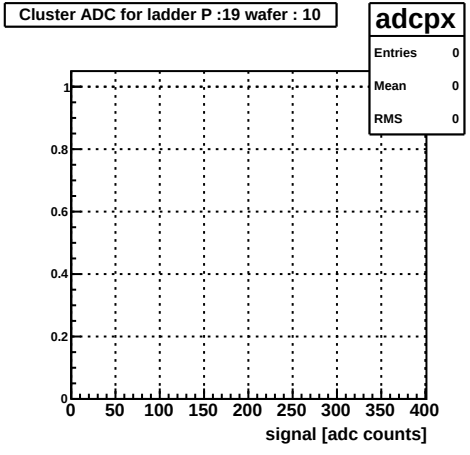

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

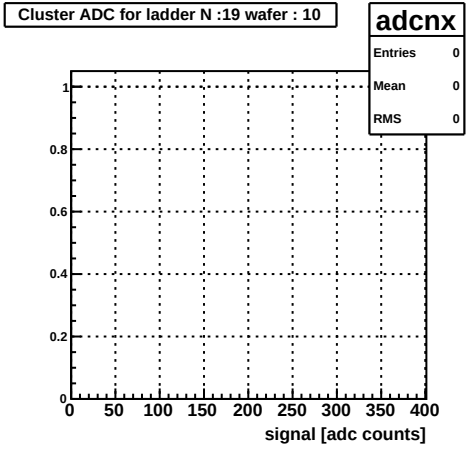

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

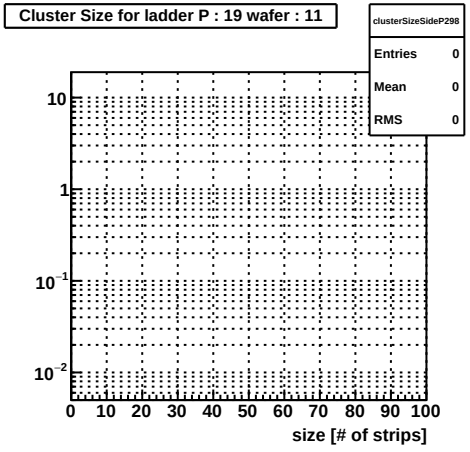

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

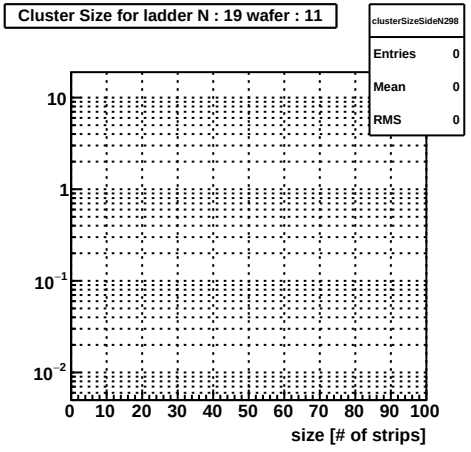

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

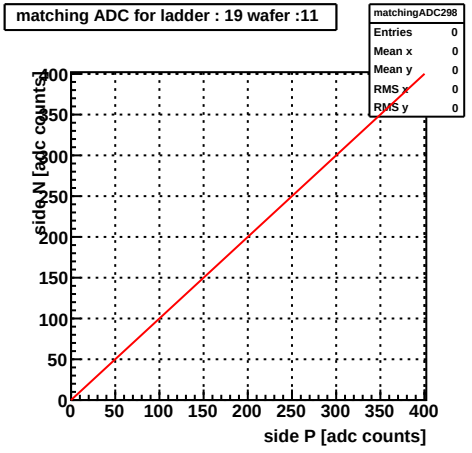

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

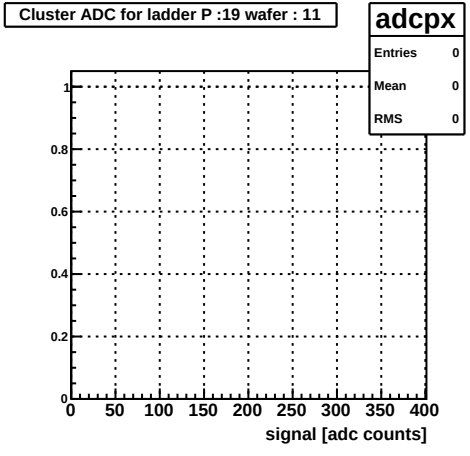

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

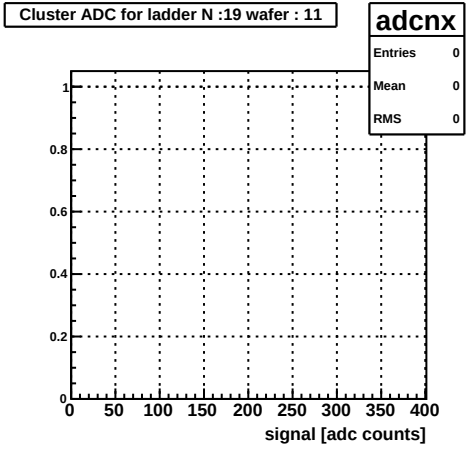

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

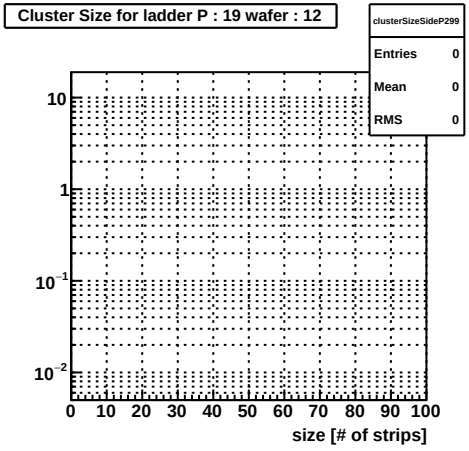

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

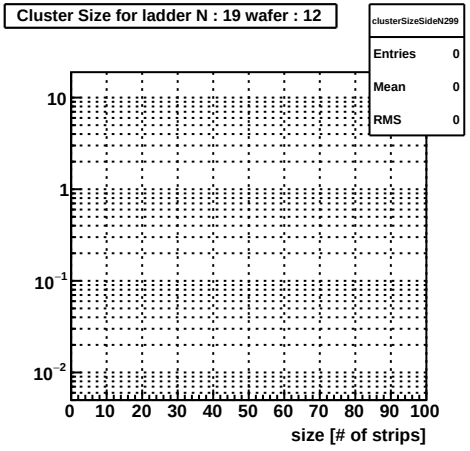

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

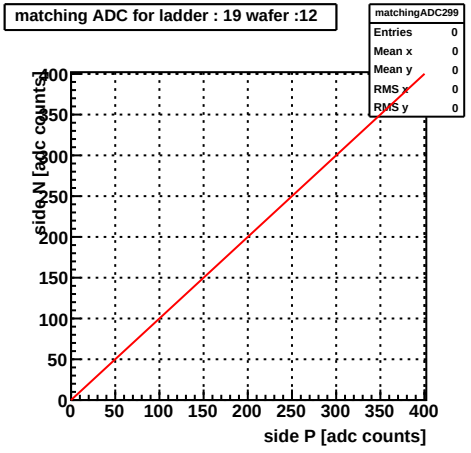

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

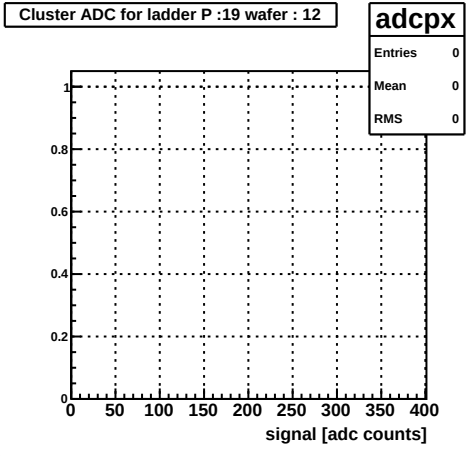

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

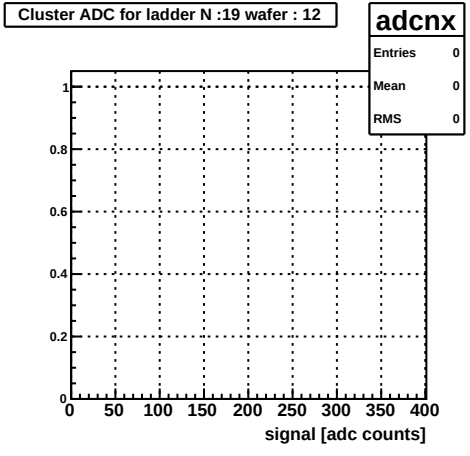

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

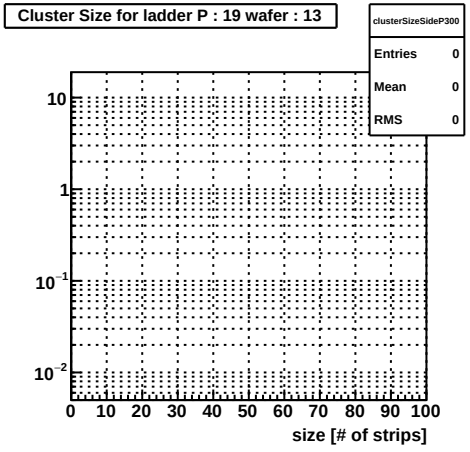

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

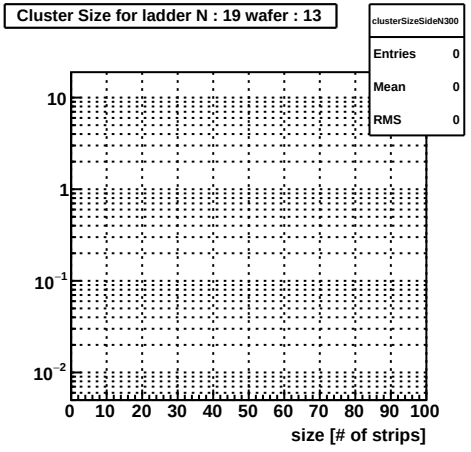

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

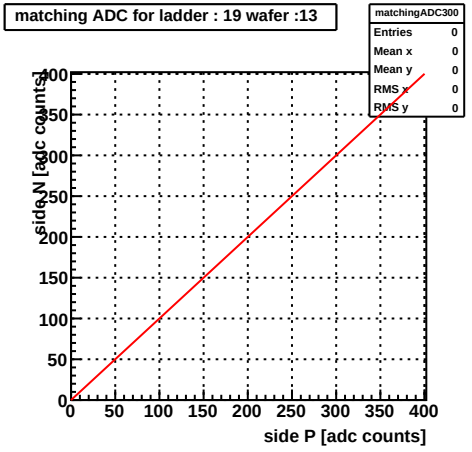

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

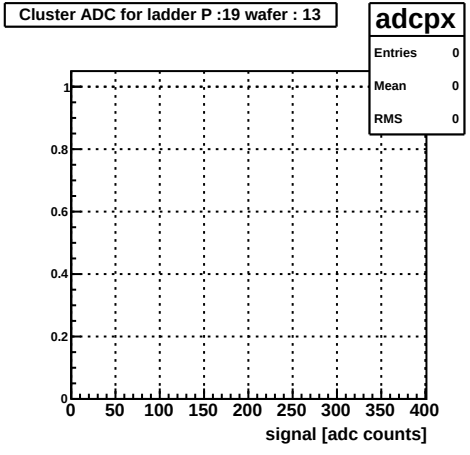

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

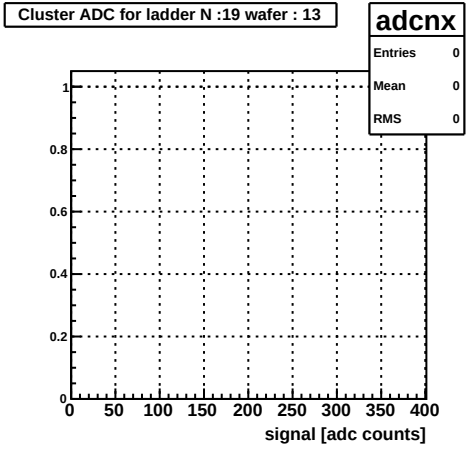

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

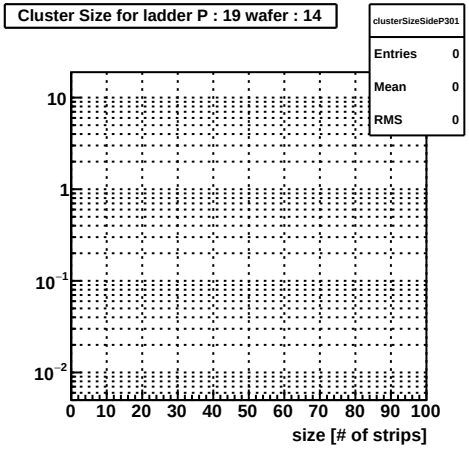

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

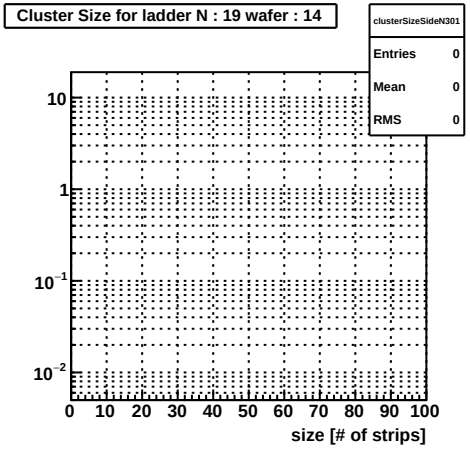

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

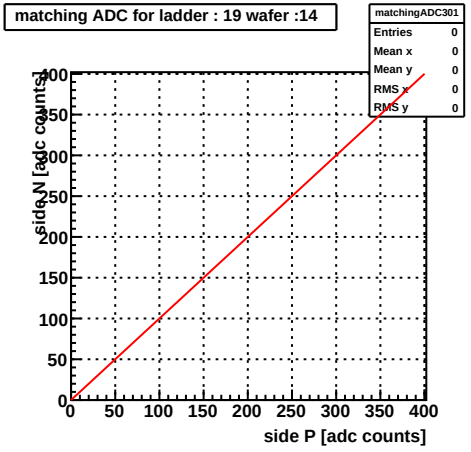

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

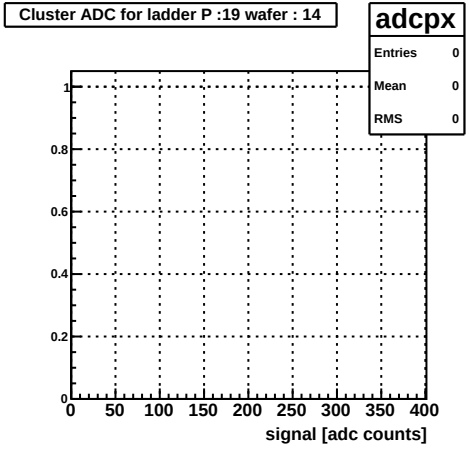

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

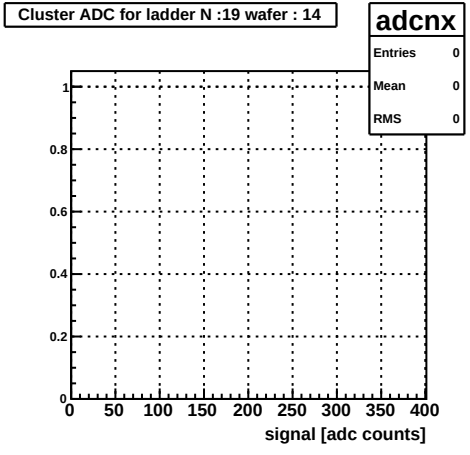

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

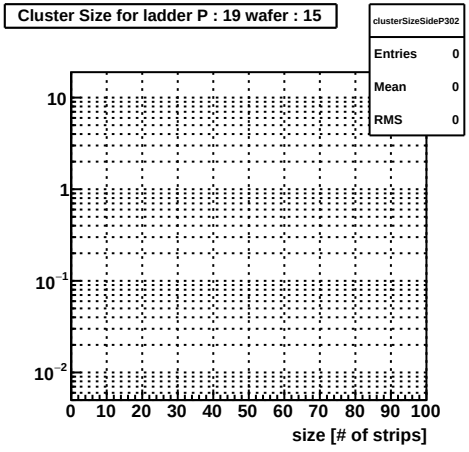

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

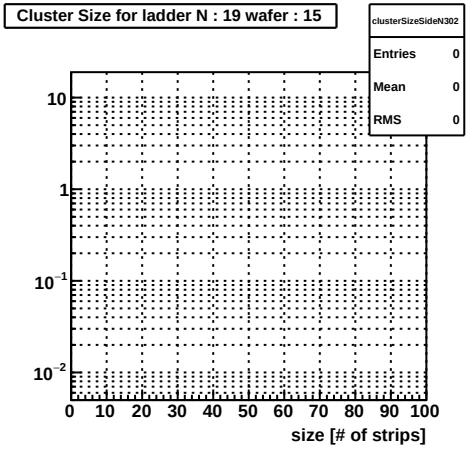

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

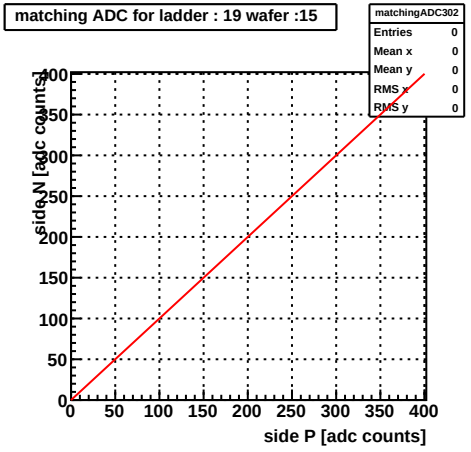

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

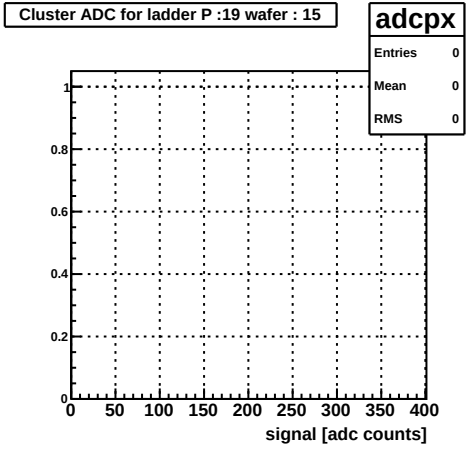

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

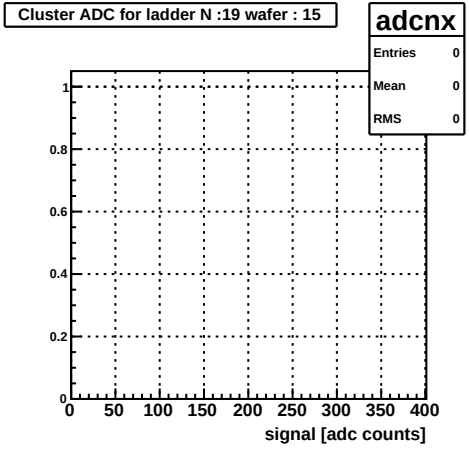

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

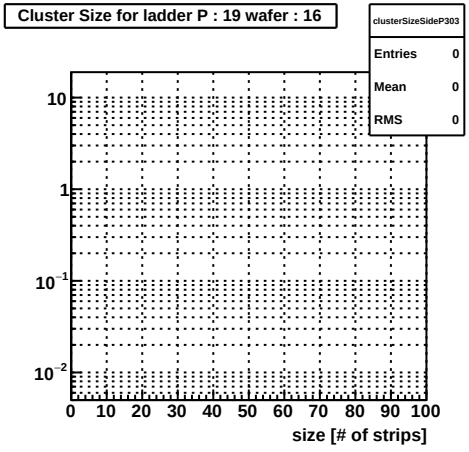

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

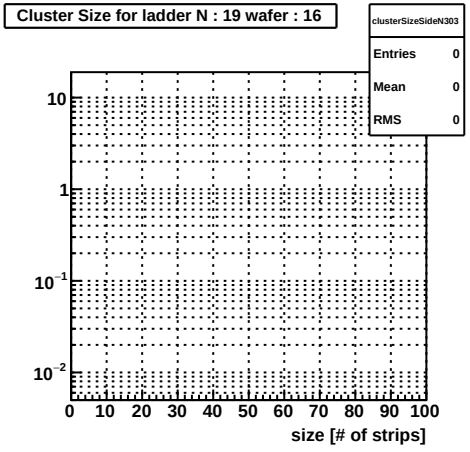

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

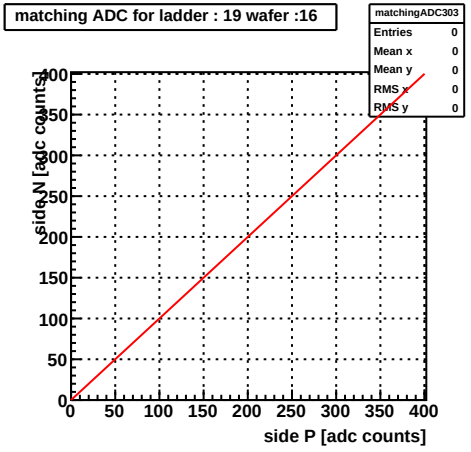

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

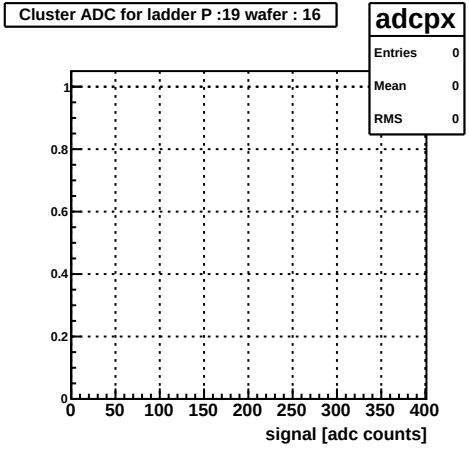

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

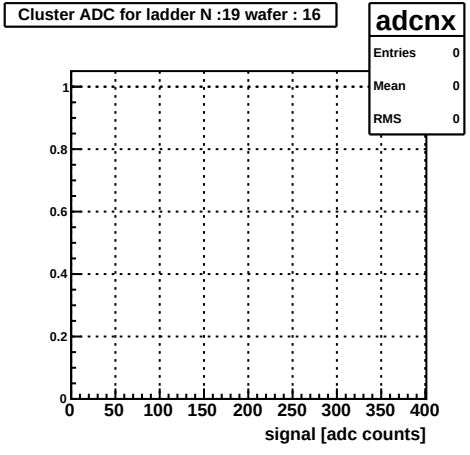

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

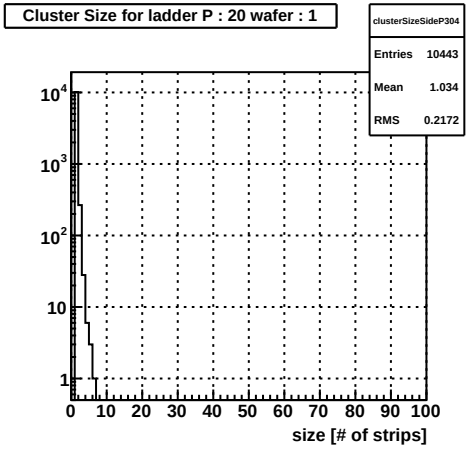

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

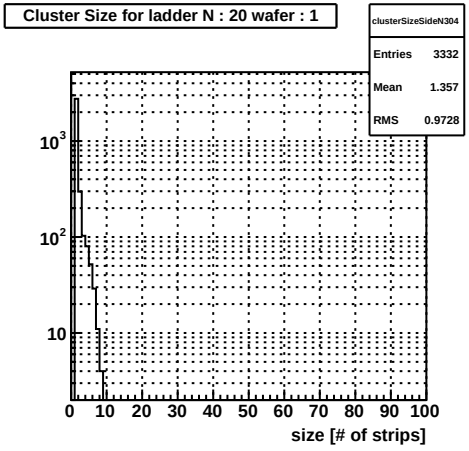

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

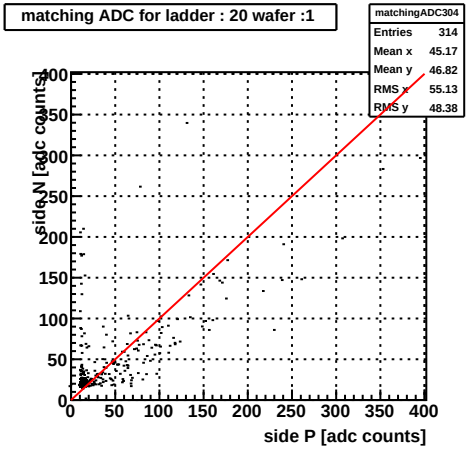

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

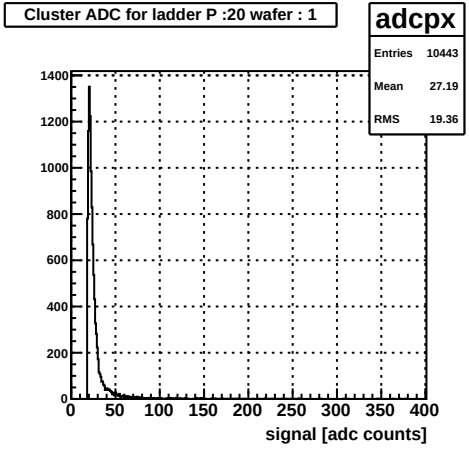

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

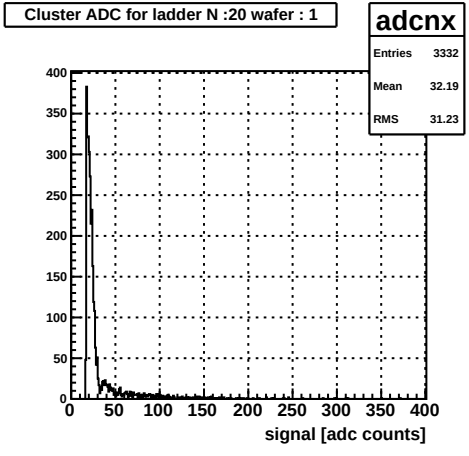

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

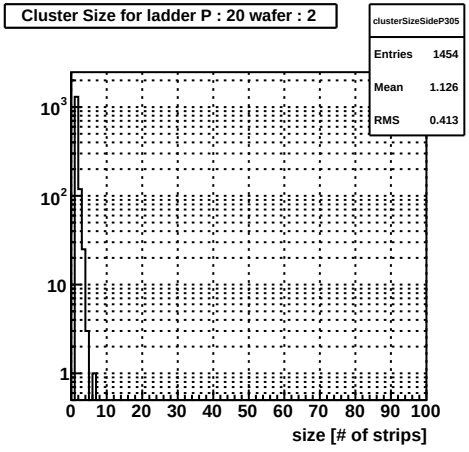

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 10443
Mean 1.034
RMS 0.2172
size [# of strips]

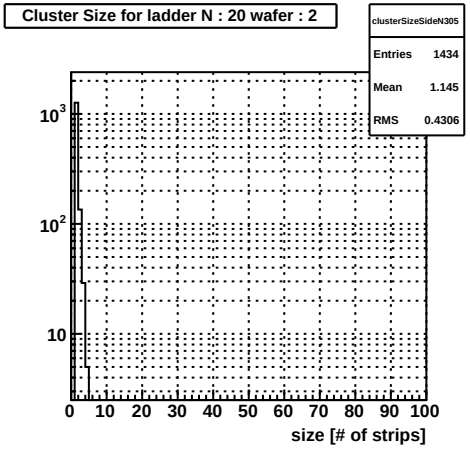

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3332
Mean 1.357
RMS 0.9728
size [# of strips]

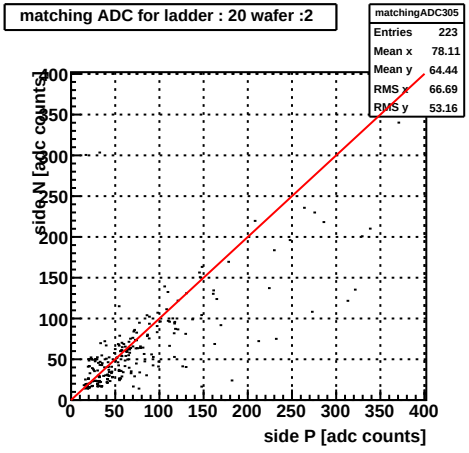

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 314
Mean x 45.17
Mean y 46.82
RMS x 55.13
RMS y 48.38
side N [adc counts]
side P [adc counts]

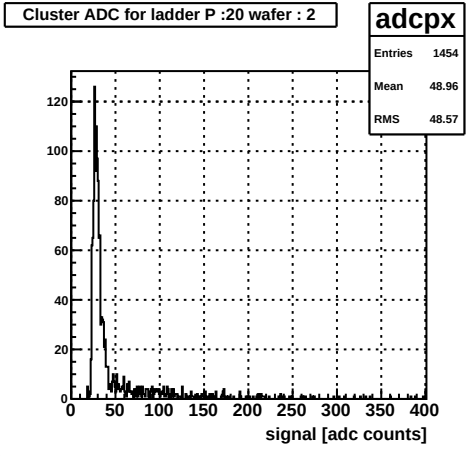

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 10443
Mean 27.19
RMS 19.36
signal [adc counts]

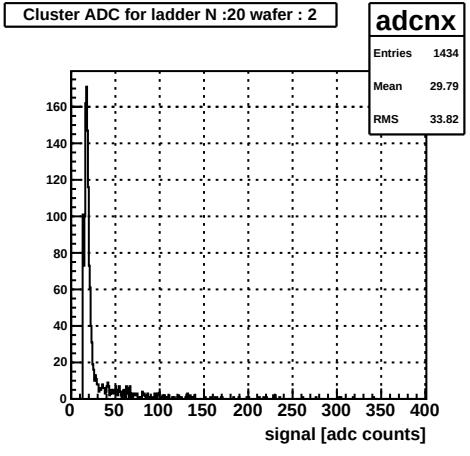

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3332
Mean 32.19
RMS 31.23
signal [adc counts]

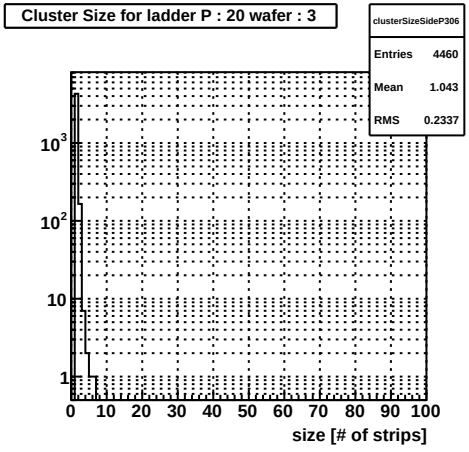

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1454
Mean 1.126
RMS 0.413
size [# of strips]

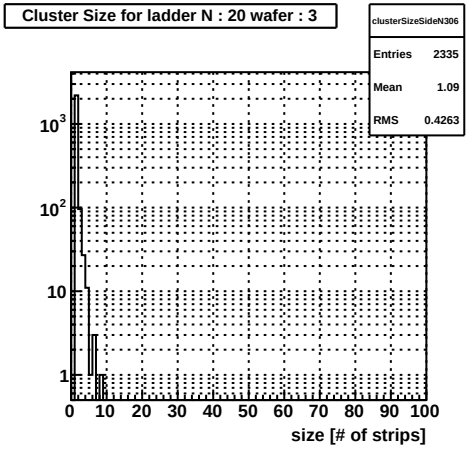

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1434
Mean 1.145
RMS 0.4306
size [# of strips]

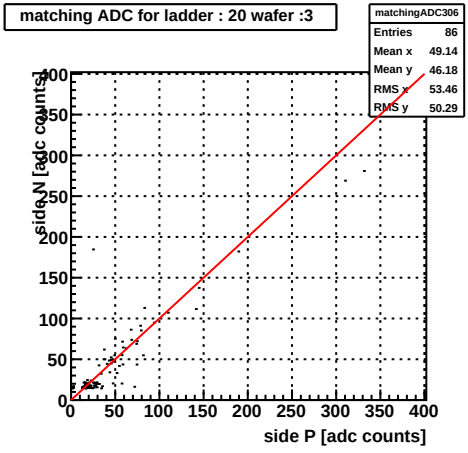

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 223
Mean x 78.11
Mean y 64.44
RMS x 66.69
RMS y 53.16
side N [adc counts]
side P [adc counts]

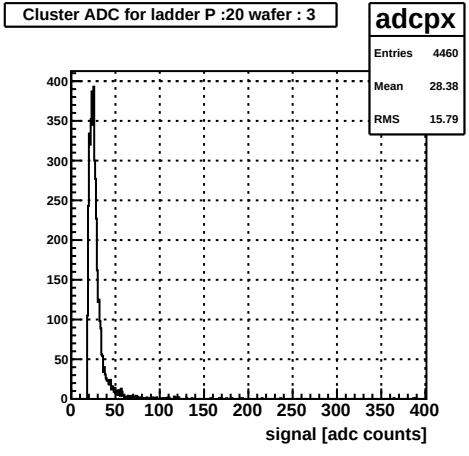

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1454
Mean 48.96
RMS 48.57
signal [adc counts]

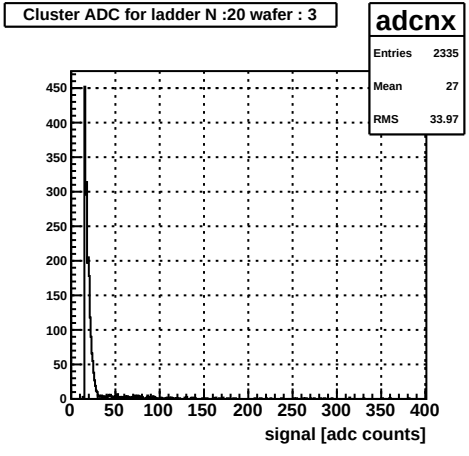

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1434
Mean 29.79
RMS 33.82
signal [adc counts]

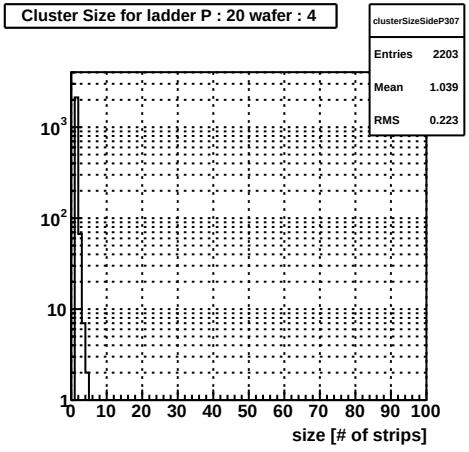

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 4460
Mean 1.043
RMS 0.2337
size [# of strips]

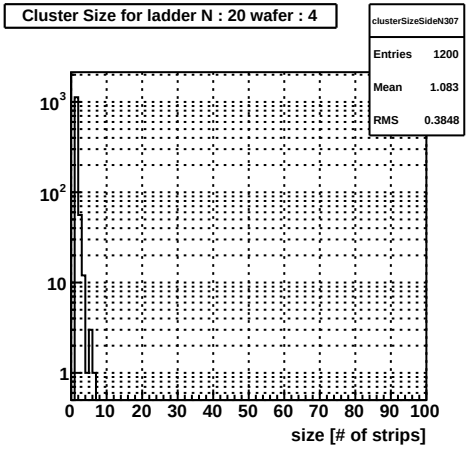

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2335
Mean 1.09
RMS 0.4263
size [# of strips]

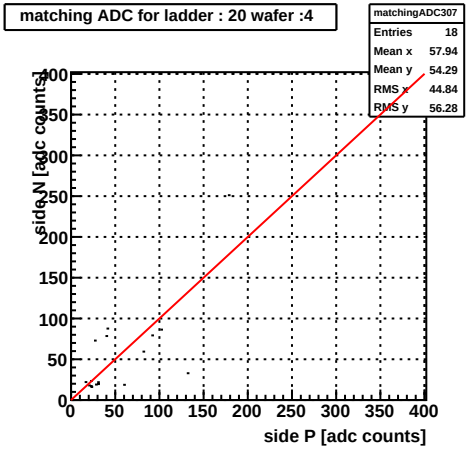

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 86
Mean x 49.14
Mean y 46.18
RMS x 53.46
RMS y 50.29
side N [adc counts]
side P [adc counts]

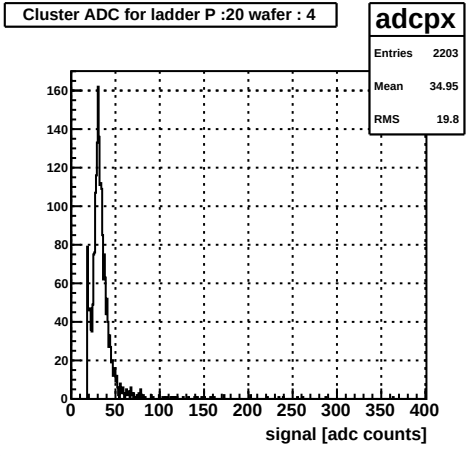

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 4460
Mean 28.38
RMS 15.79
signal [adc counts]

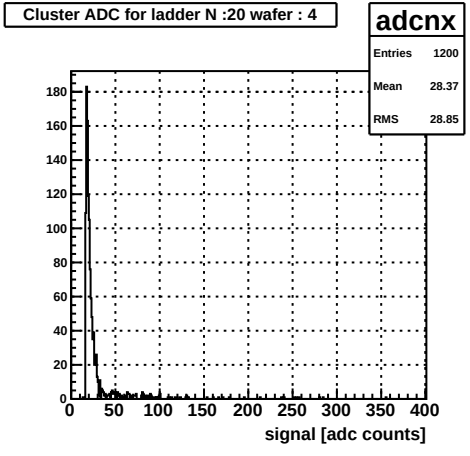

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2335
Mean 27
RMS 33.97
signal [adc counts]

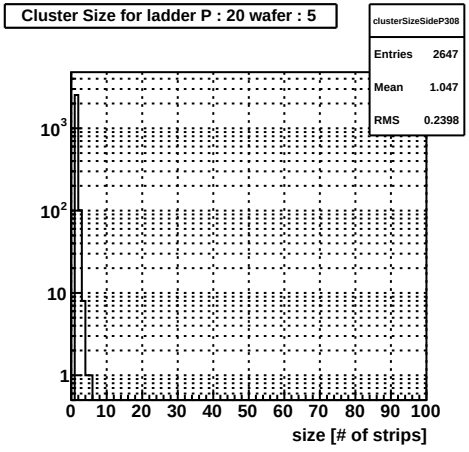

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2203
Mean 1.039
RMS 0.223
size [# of strips]

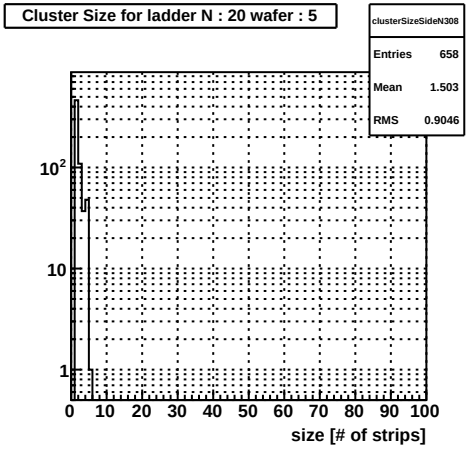

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1200
Mean 1.083
RMS 0.3848
size [# of strips]

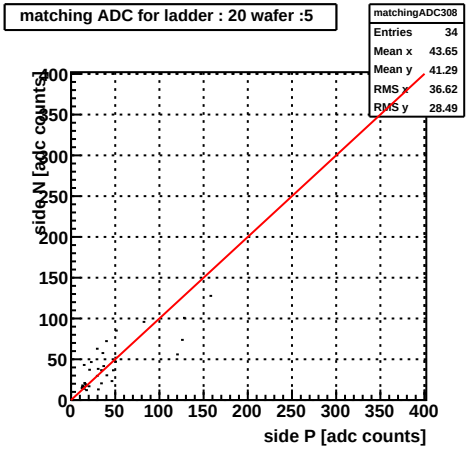

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 18
Mean x 57.94
Mean y 54.29
RMS x 44.84
RMS y 56.28
side N [adc counts]
side P [adc counts]

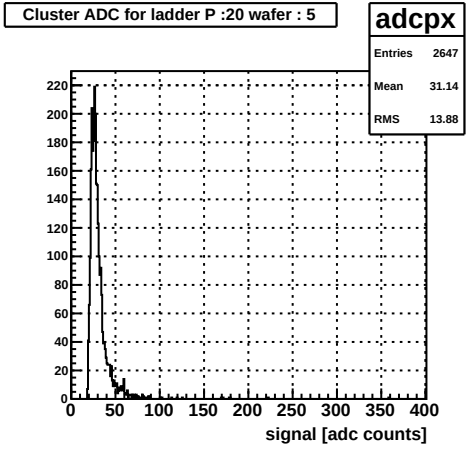

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2203
Mean 34.95
RMS 19.8
signal [adc counts]

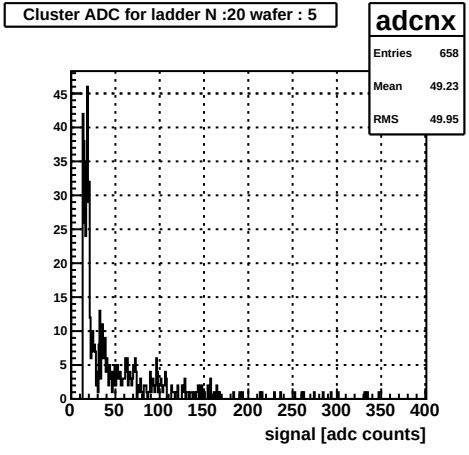

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1200
Mean 28.37
RMS 28.85
signal [adc counts]

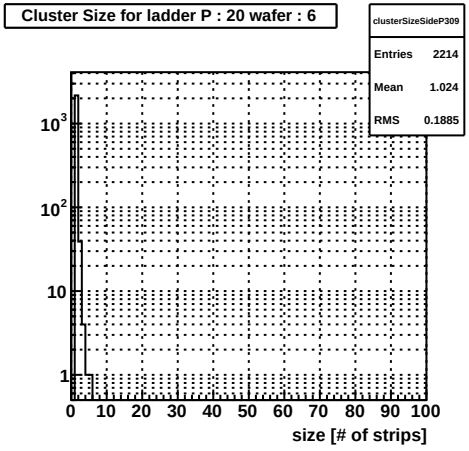

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2647
Mean 1.047
RMS 0.2398
size [# of strips]

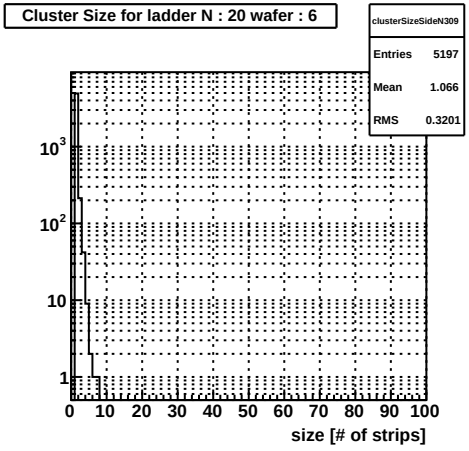

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 658
Mean 1.503
RMS 0.9046
size [# of strips]

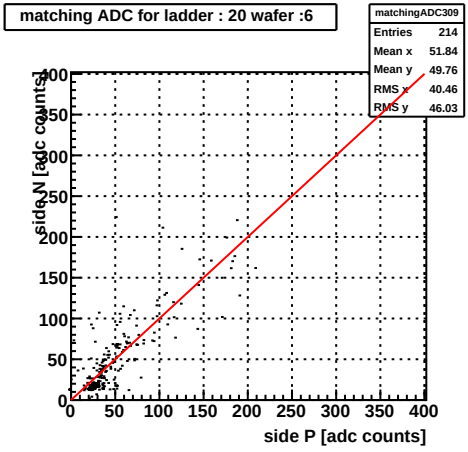

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 34
Mean x 43.65
Mean y 41.29
RMS x 36.62
RMS y 28.49
side N [adc counts]
side P [adc counts]

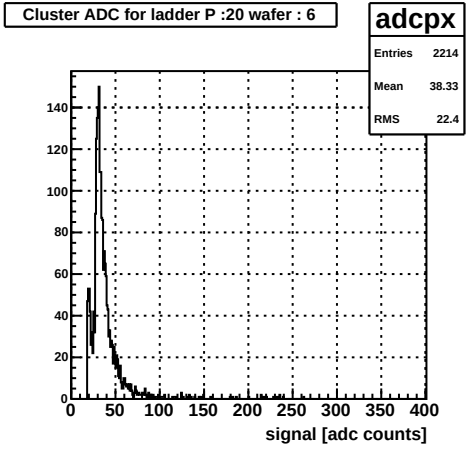

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2647
Mean 31.14
RMS 13.88
signal [adc counts]

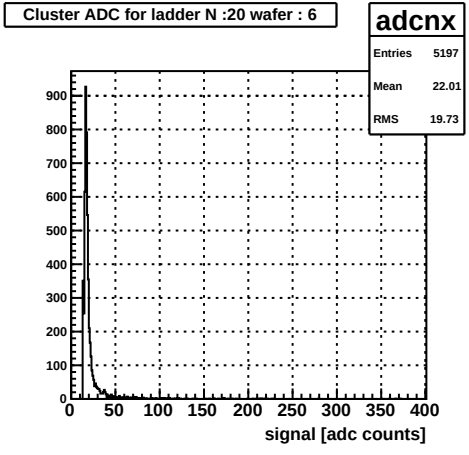

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 658
Mean 49.23
RMS 49.95
signal [adc counts]

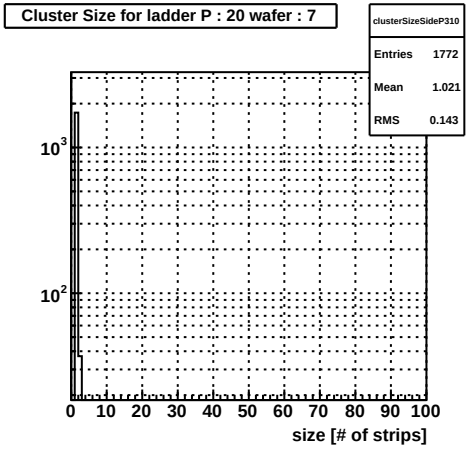

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2214
Mean 1.024
RMS 0.1885
size [# of strips]

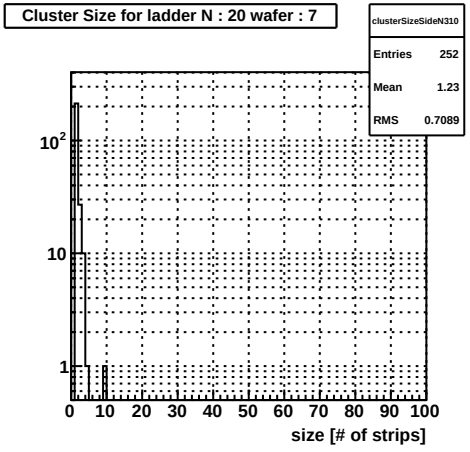

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5197
Mean 1.066
RMS 0.3201
size [# of strips]

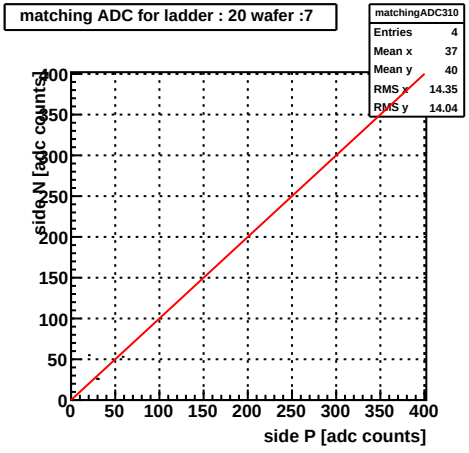

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 214
Mean x 51.84
Mean y 49.76
RMS x 40.46
RMS y 46.03
side N [adc counts]
side P [adc counts]

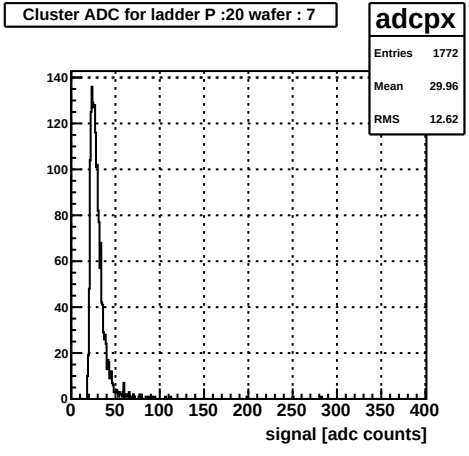

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2214
Mean 38.33
RMS 22.4
signal [adc counts]

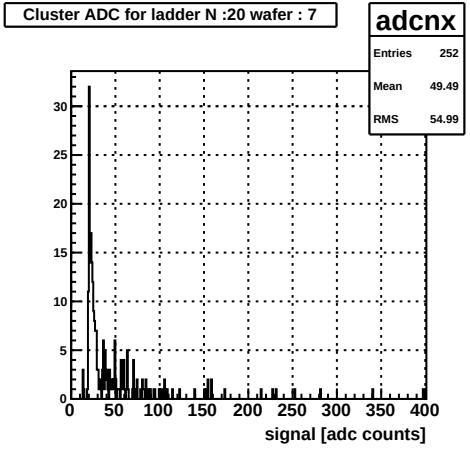

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5197
Mean 22.01
RMS 19.73
signal [adc counts]

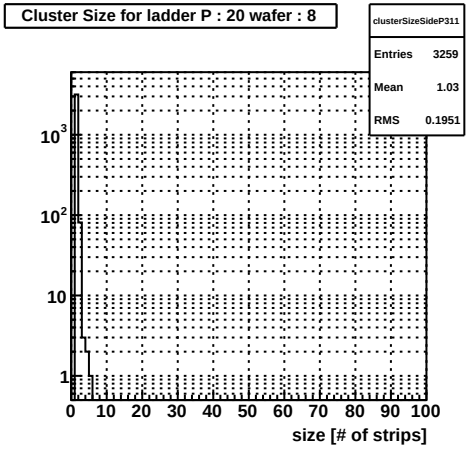

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1772
Mean 1.021
RMS 0.143
size [# of strips]

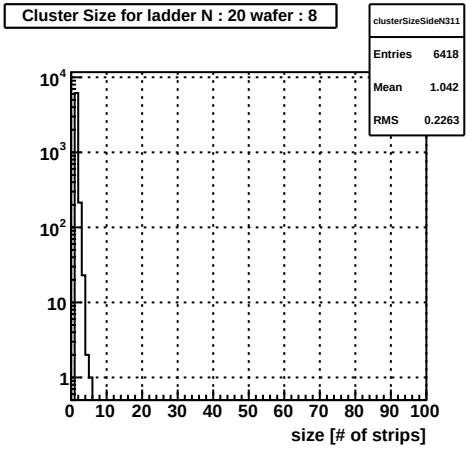

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 252
Mean 1.23
RMS 0.7089
size [# of strips]

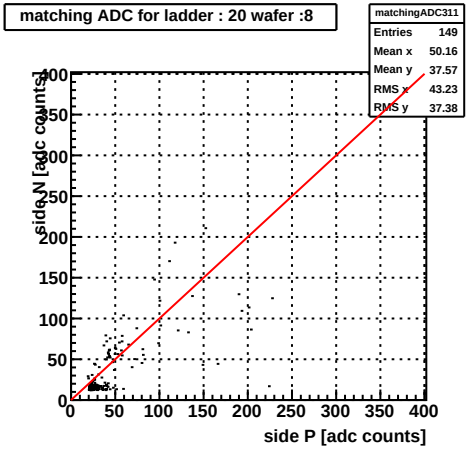

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 37
Mean y 40
RMS x 14.35
RMS y 14.04
side N [adc counts]
side P [adc counts]

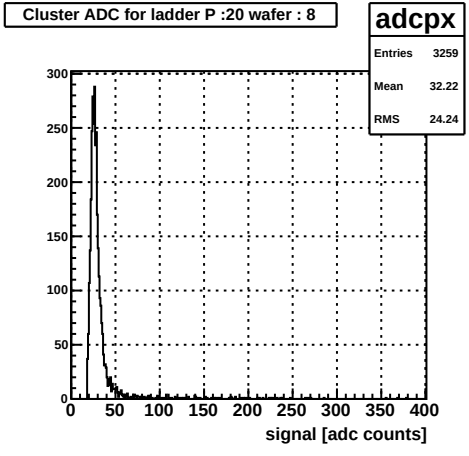

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1772
Mean 29.96
RMS 12.62
signal [adc counts]

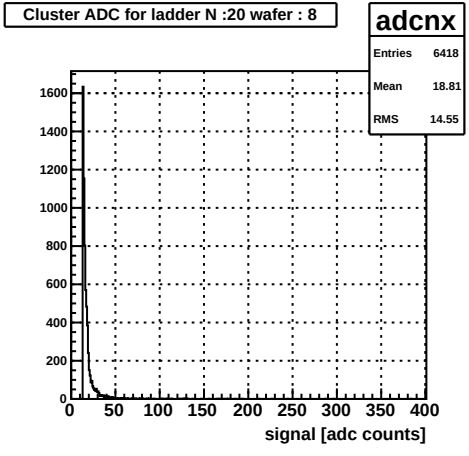

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 252
Mean 49.49
RMS 54.99
signal [adc counts]

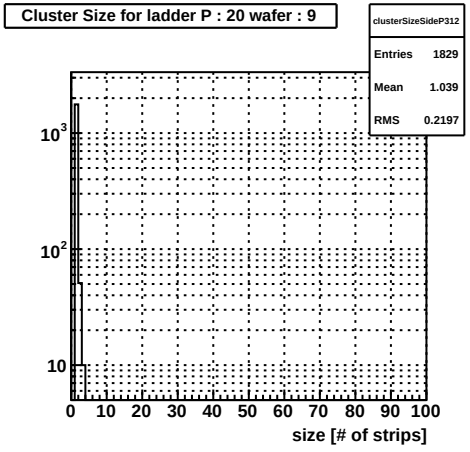

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 3259
Mean 1.03
RMS 0.1951
size [# of strips]

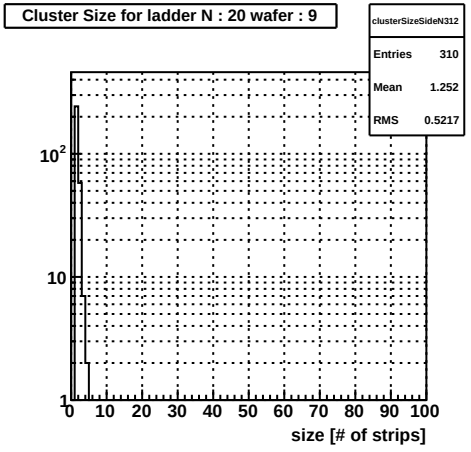

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 6418
Mean 1.042
RMS 0.2263
size [# of strips]

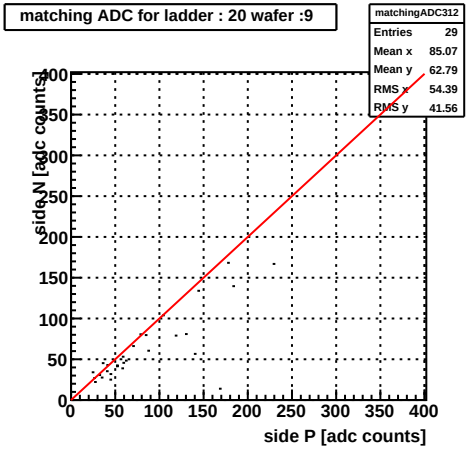

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 149
Mean x 50.16
Mean y 37.57
RMS x 43.23
RMS y 37.38
side N [adc counts]
side P [adc counts]

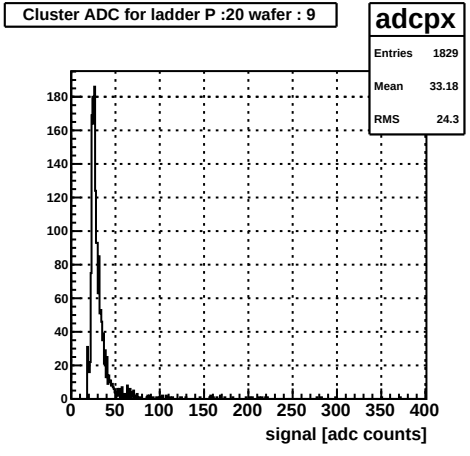

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 3259
Mean 32.22
RMS 24.24
signal [adc counts]

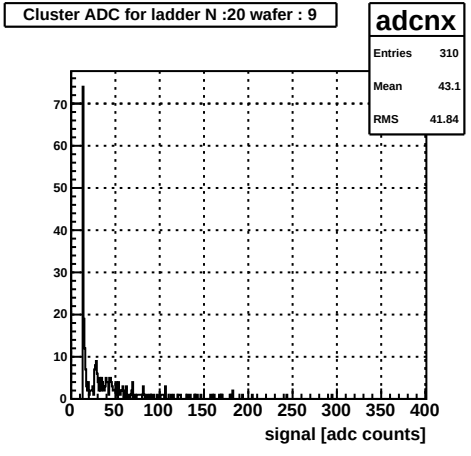

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 6418
Mean 18.81
RMS 14.55
signal [adc counts]

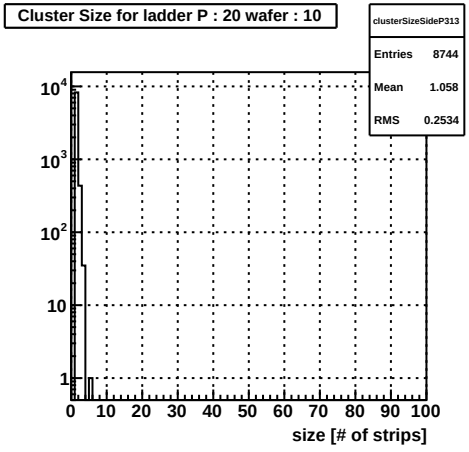

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1829
Mean 1.039
RMS 0.2197
size [# of strips]

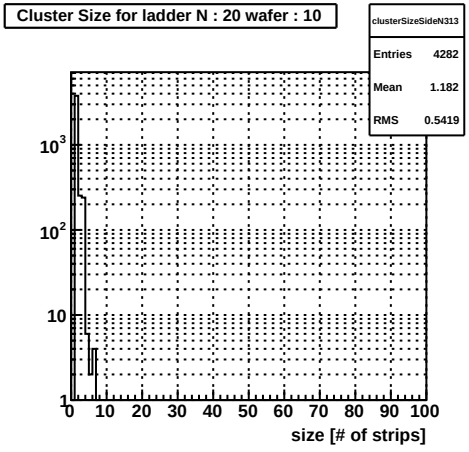

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 310
Mean 1.252
RMS 0.5217
size [# of strips]

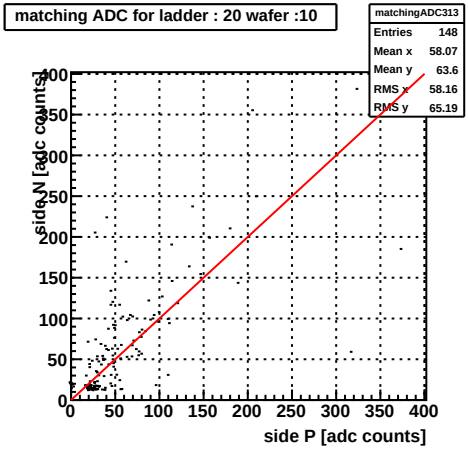

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 29
Mean x 85.07
Mean y 62.79
RMS x 54.39
RMS y 41.56
side N [adc counts]
side P [adc counts]

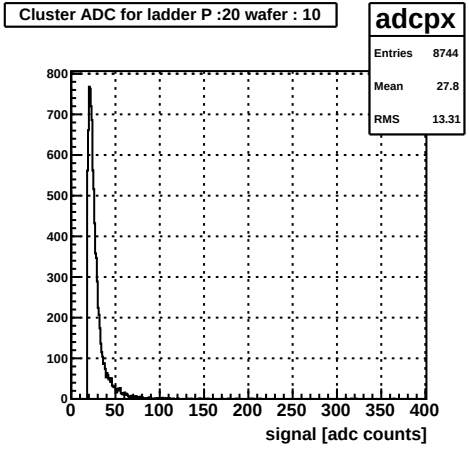

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1829
Mean 33.18
RMS 24.3
signal [adc counts]

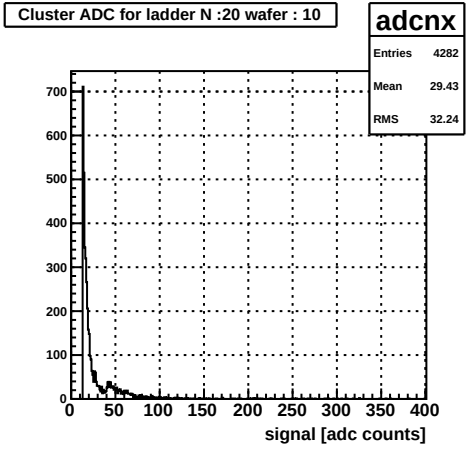

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 310
Mean 43.1
RMS 41.84
signal [adc counts]

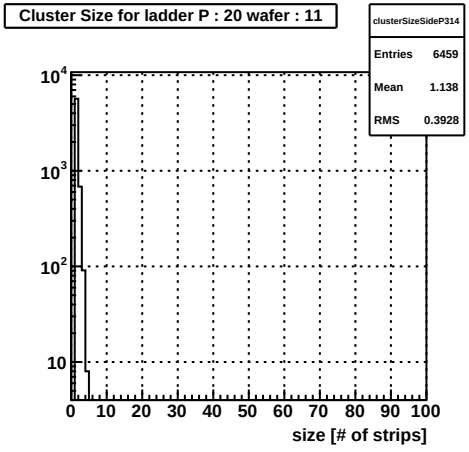

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 8744
Mean 1.058
RMS 0.2534
size [# of strips]

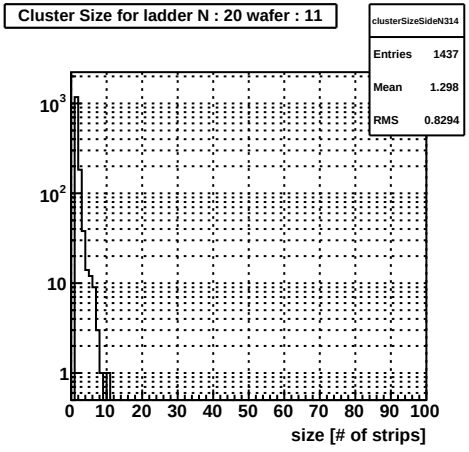

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4282
Mean 1.182
RMS 0.5419
size [# of strips]

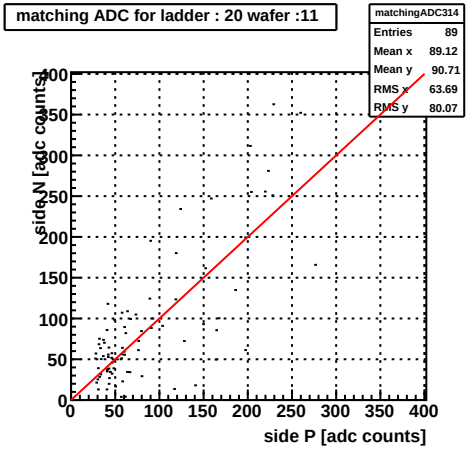

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 148
Mean x 58.07
Mean y 63.6
RMS x 58.16
RMS y 65.19
side N [adc counts]
side P [adc counts]

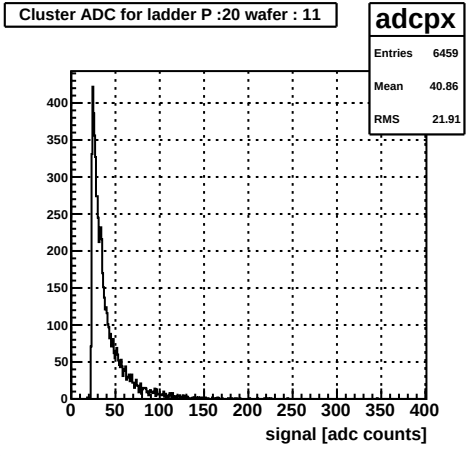

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 8744
Mean 27.8
RMS 13.31
signal [adc counts]

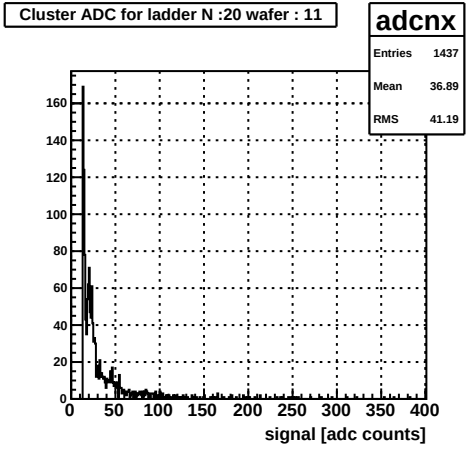

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4282
Mean 29.43
RMS 32.24
signal [adc counts]

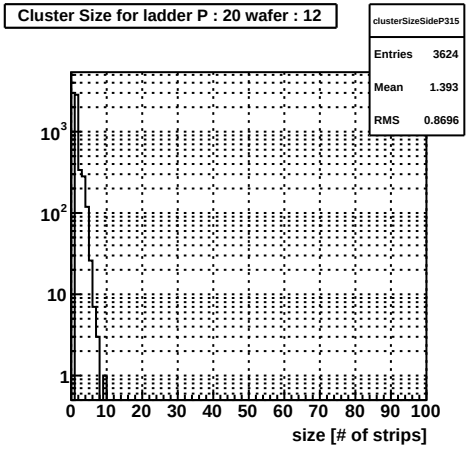

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 6459
Mean 1.138
RMS 0.3928
size [# of strips]

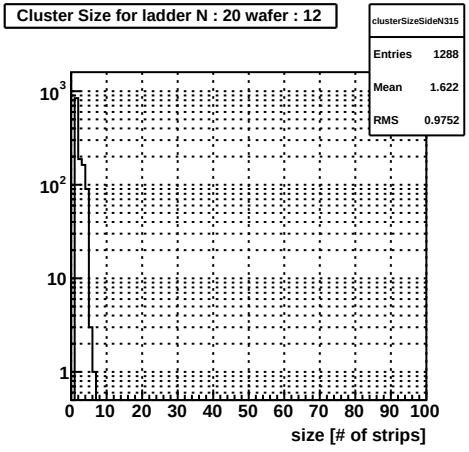

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1437
Mean 1.298
RMS 0.8294
size [# of strips]

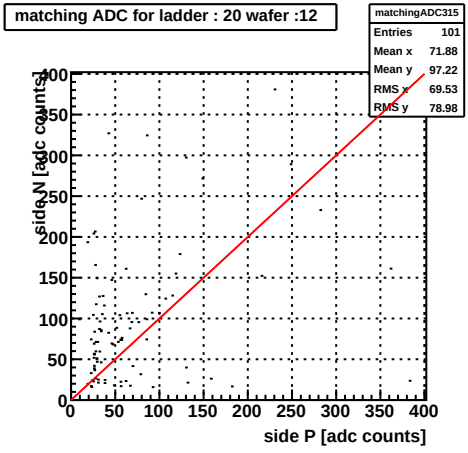

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 89
Mean x 89.12
Mean y 90.71
RMS x 63.69
RMS y 80.07
side N [adc counts]
side P [adc counts]

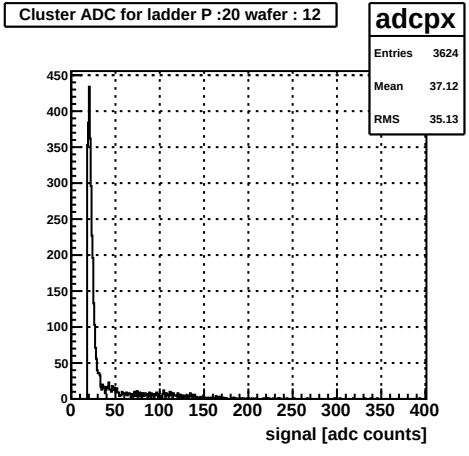

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 6459
Mean 40.86
RMS 21.91
signal [adc counts]

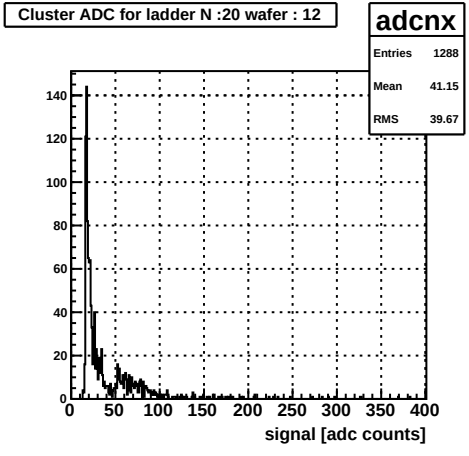

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1437
Mean 36.89
RMS 41.19
signal [adc counts]

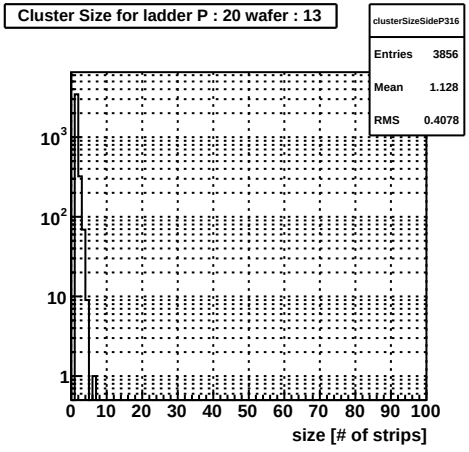

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3624
Mean 1.393
RMS 0.8696
size [# of strips]

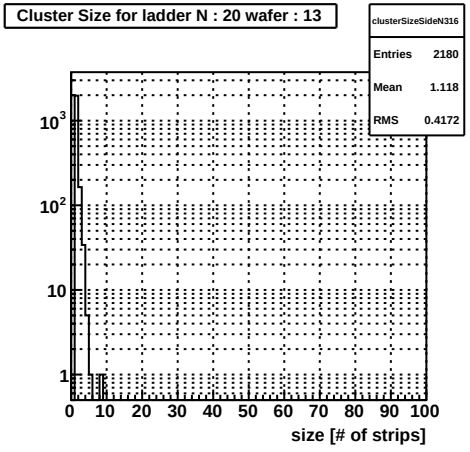

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1288
Mean 1.622
RMS 0.9752
size [# of strips]

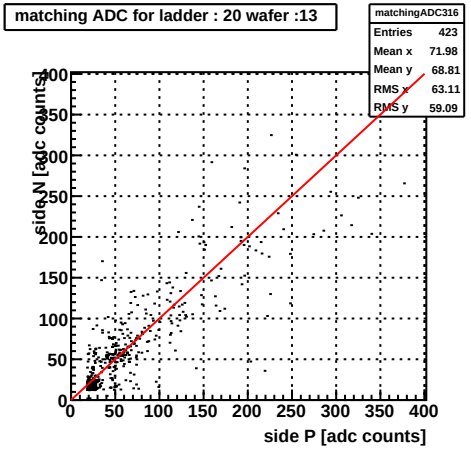

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 101
Mean x 71.88
Mean y 97.22
RMS x 69.53
RMS y 78.98
side N [adc counts]
side P [adc counts]

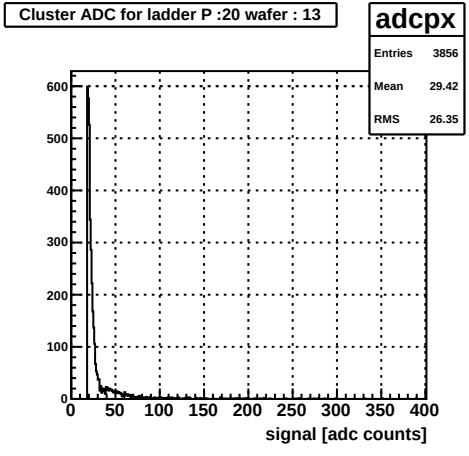

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3624
Mean 37.12
RMS 35.13
signal [adc counts]

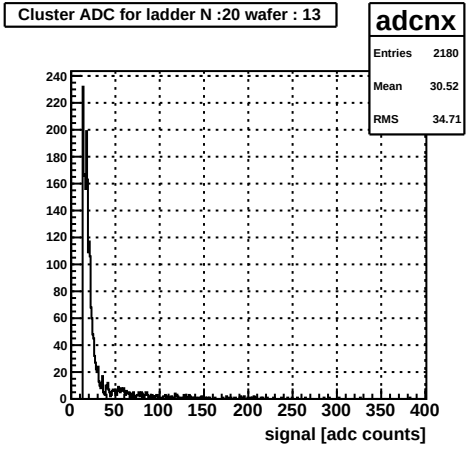

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1288
Mean 41.15
RMS 39.67
signal [adc counts]

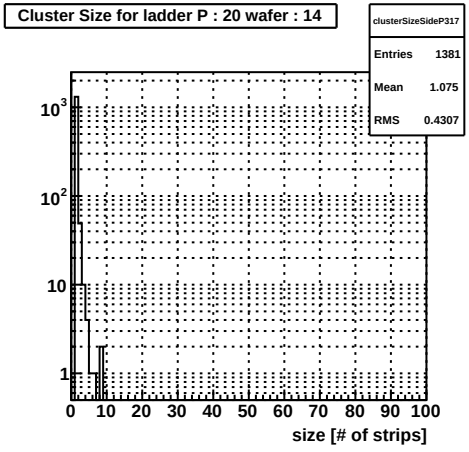

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 3856
Mean 1.128
RMS 0.4078
size [# of strips]

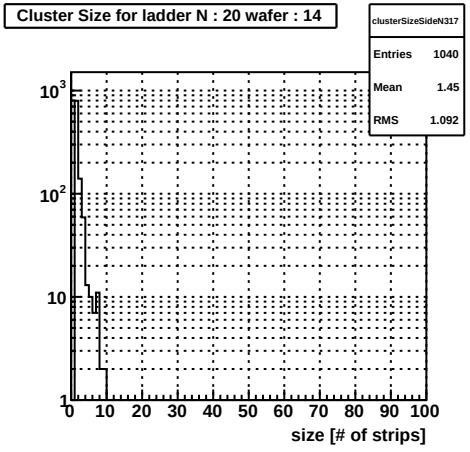

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2180
Mean 1.118
RMS 0.4172
size [# of strips]

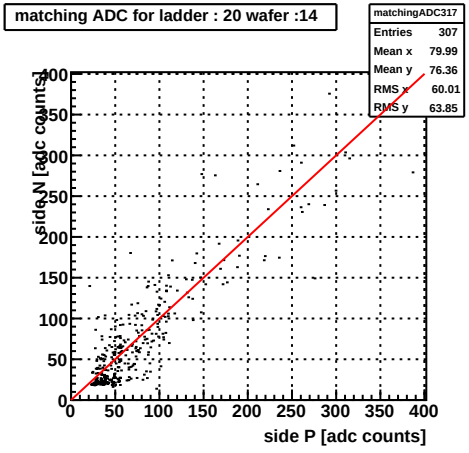

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 423
Mean x 71.98
Mean y 68.81
RMS x 63.11
RMS y 59.09
side N [adc counts]
side P [adc counts]

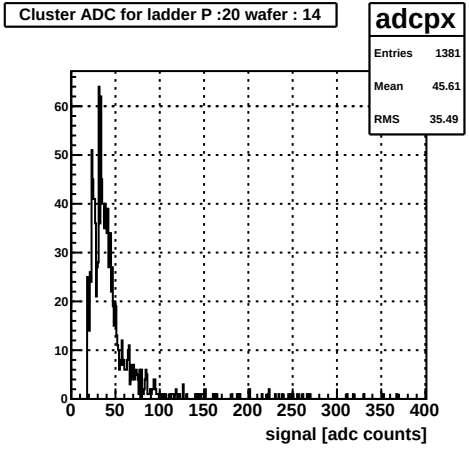

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 3856
Mean 29.42
RMS 26.35
signal [adc counts]

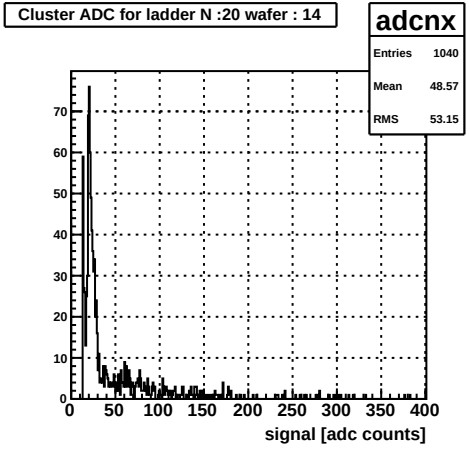

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2180
Mean 30.52
RMS 34.71
signal [adc counts]

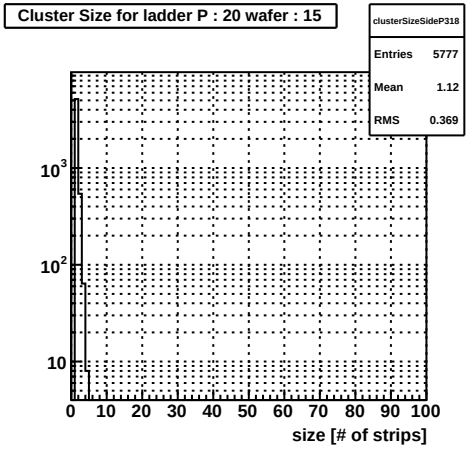

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1381
Mean 1.075
RMS 0.4307
size [# of strips]

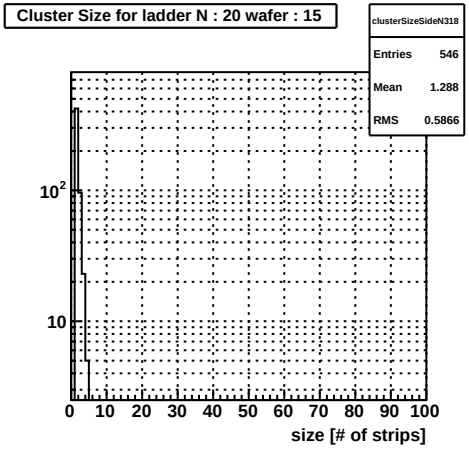

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1040
Mean 1.45
RMS 1.092
size [# of strips]

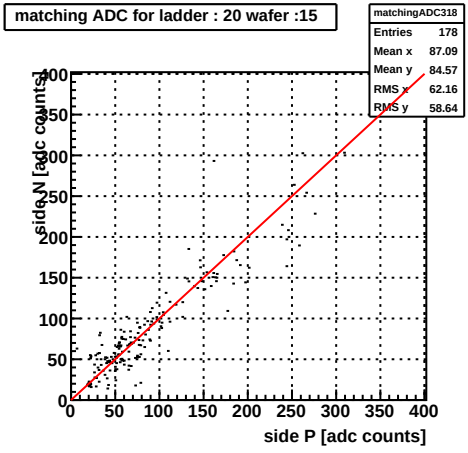

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 307
Mean x 79.99
Mean y 76.36
RMS x 60.01
RMS y 63.85
side N [adc counts]
side P [adc counts]

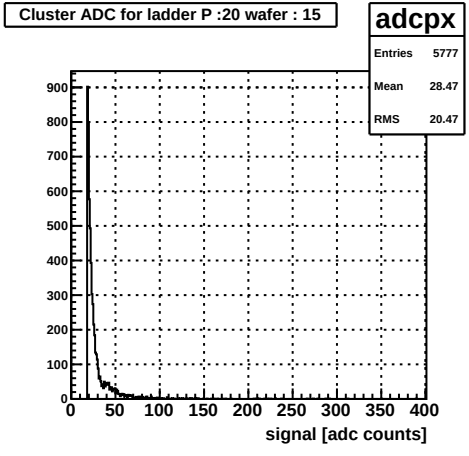

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1381
Mean 45.61
RMS 35.49
signal [adc counts]

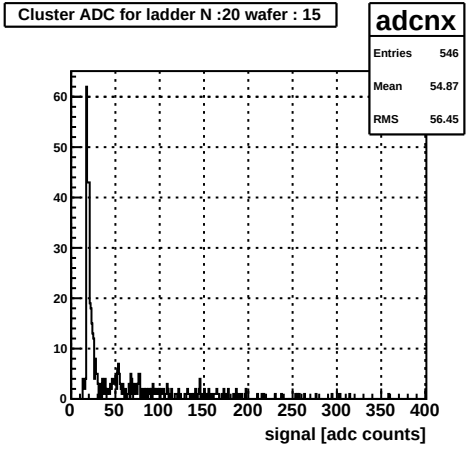

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1040
Mean 48.57
RMS 53.15
signal [adc counts]

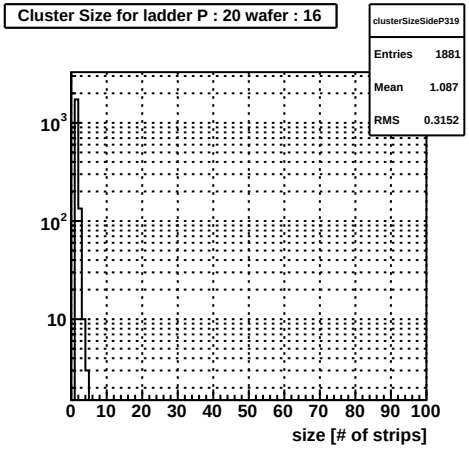

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5777
Mean 1.12
RMS 0.369
size [# of strips]

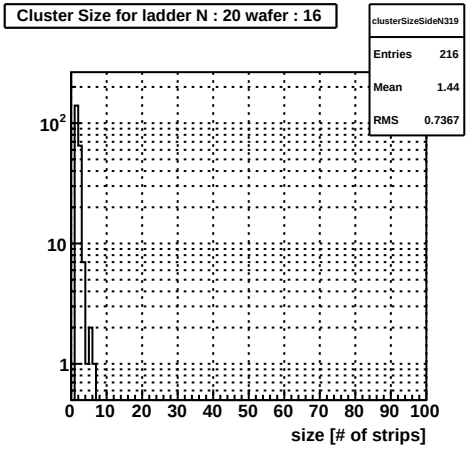

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 546
Mean 1.288
RMS 0.5866
size [# of strips]

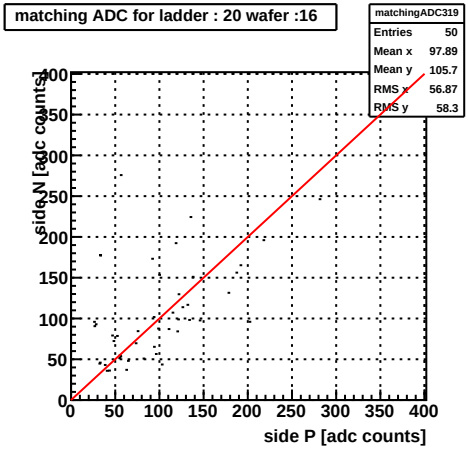

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 178
Mean x 87.09
Mean y 84.57
RMS x 62.16
RMS y 58.64
side N [adc counts]
side P [adc counts]

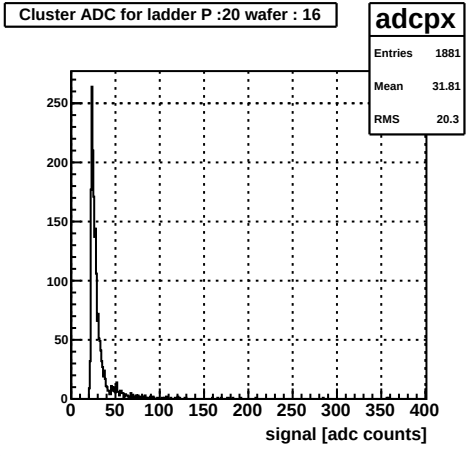

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5777
Mean 28.47
RMS 20.47
signal [adc counts]

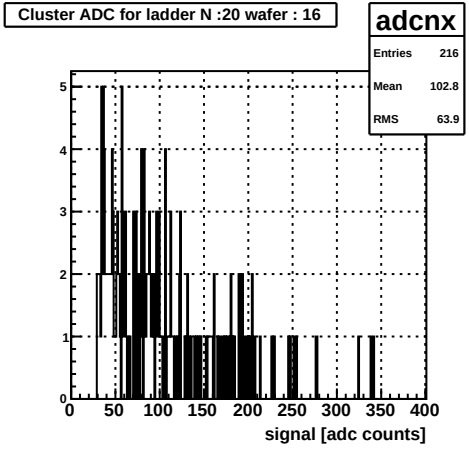

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 546
Mean 54.87
RMS 56.45
signal [adc counts]

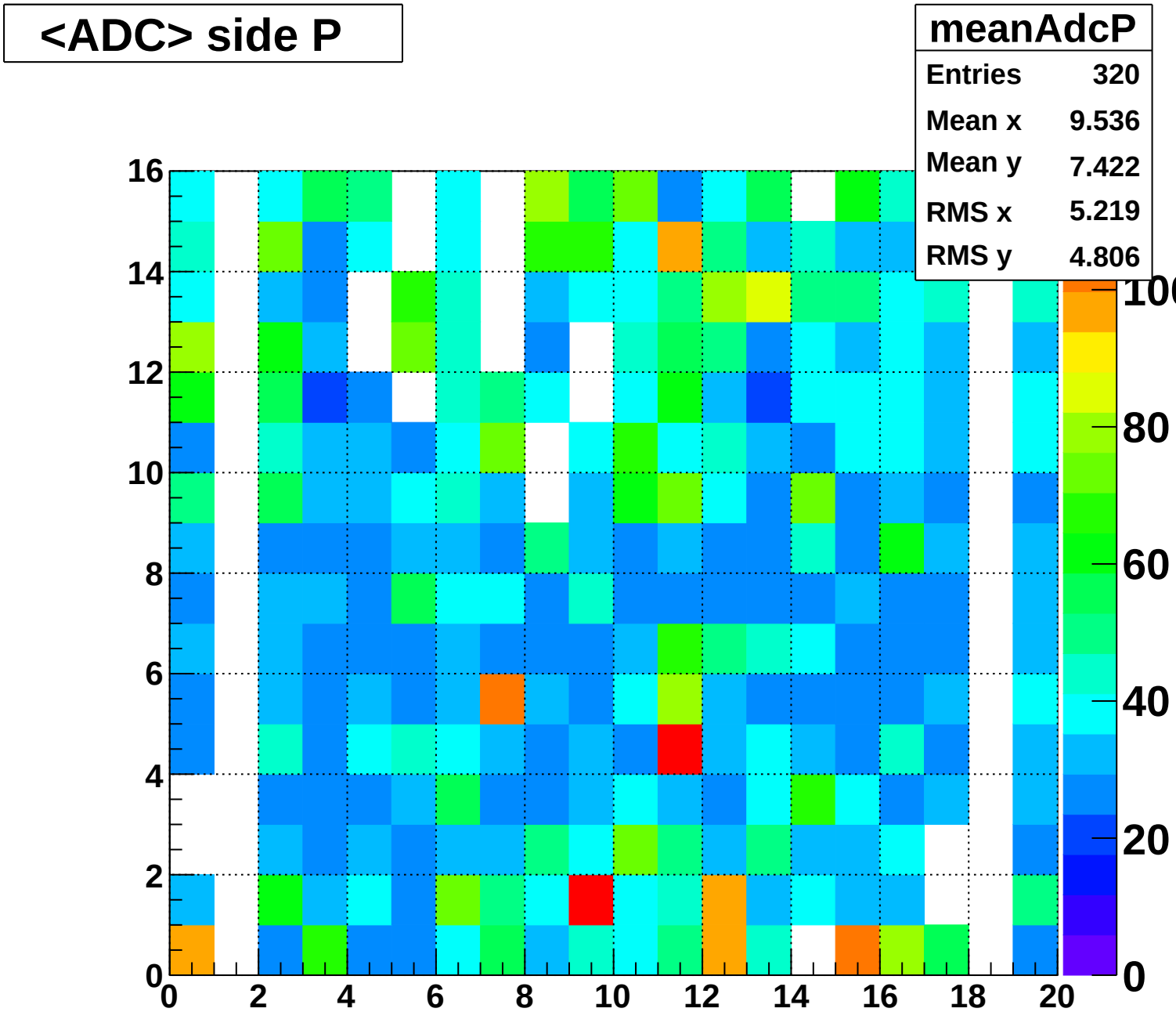

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1881
Mean 1.087
RMS 0.3152
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 216
Mean 1.44
RMS 0.7367
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 50
Mean x 97.89
Mean y 105.7
RMS x 56.87
RMS y 58.3
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1881
Mean 31.81
RMS 20.3
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 216
Mean 102.8
RMS 63.9
signal [adc counts]

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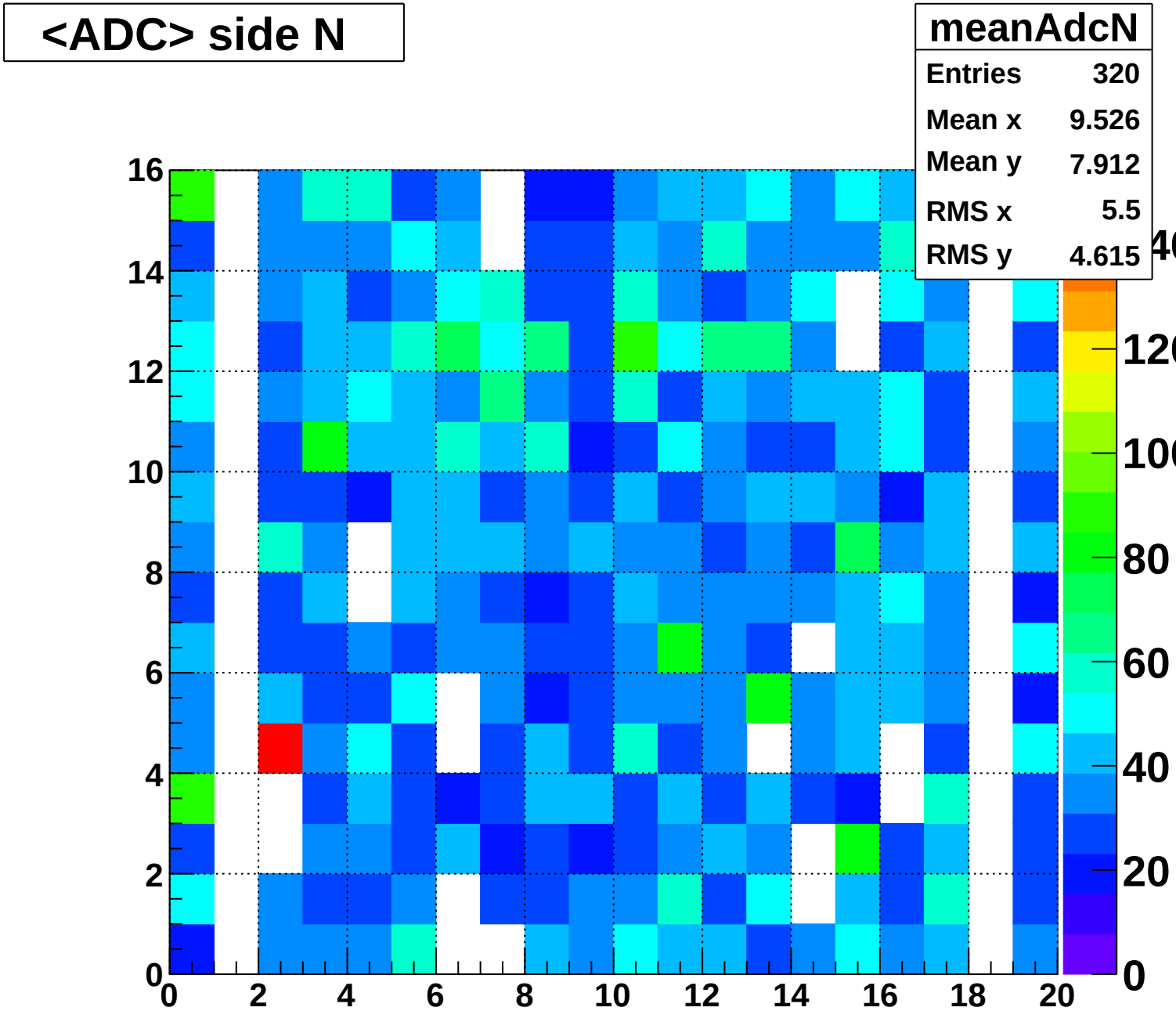


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