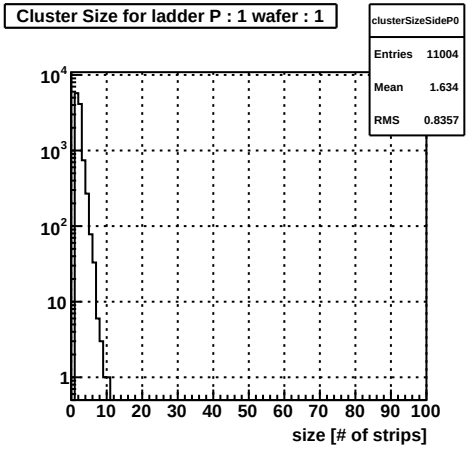
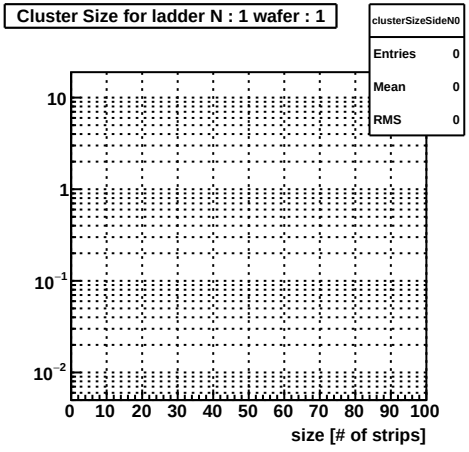
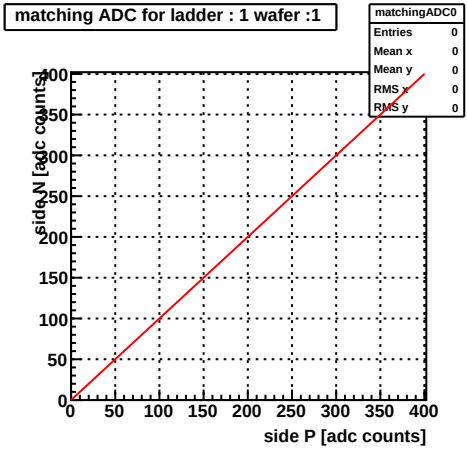
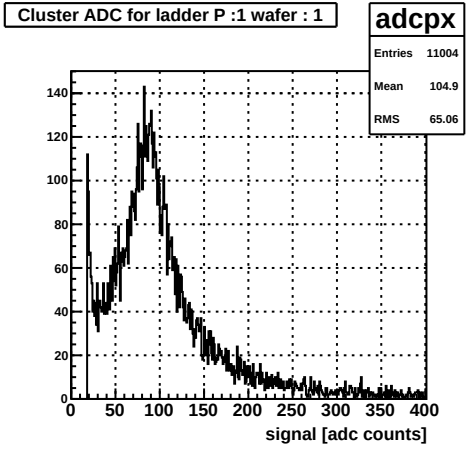
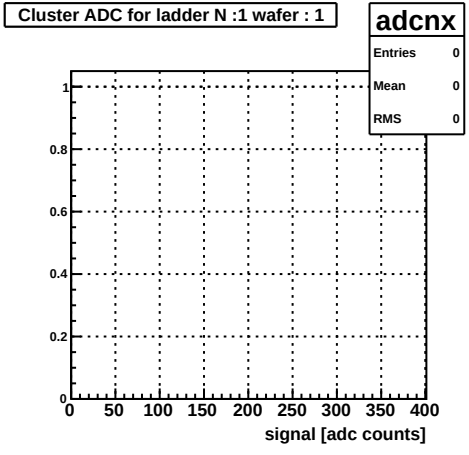
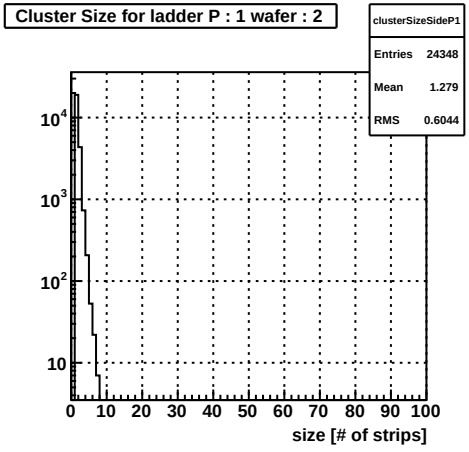

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 11004
Mean 1.634
RMS 0.8357
size [# of strips]

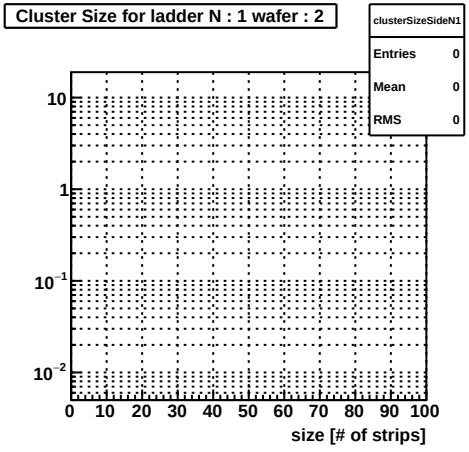

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

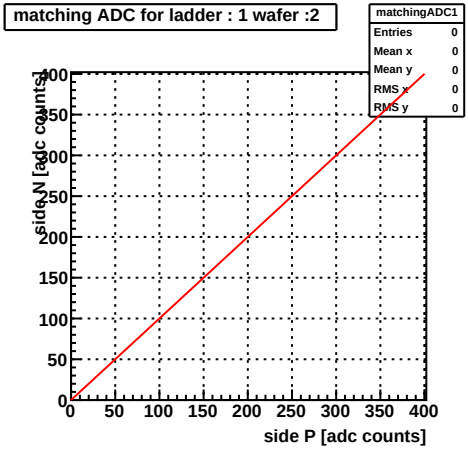

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

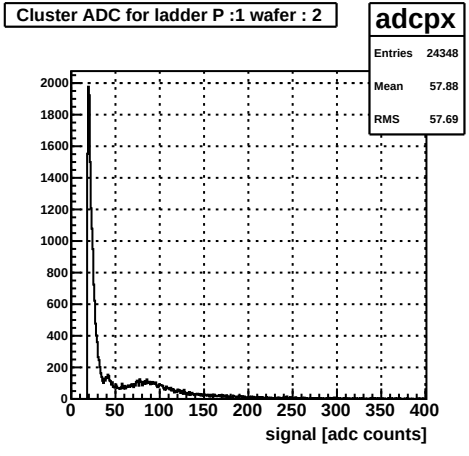

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 11004
Mean 104.9
RMS 65.06
signal [adc counts]

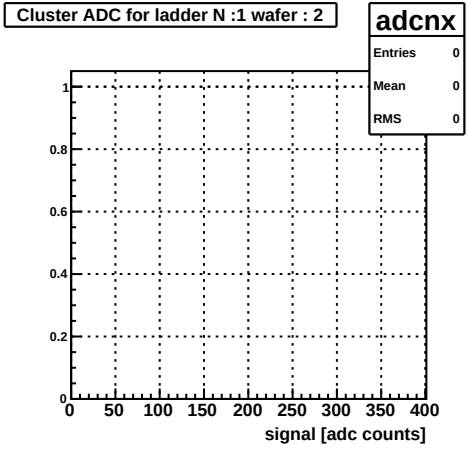

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

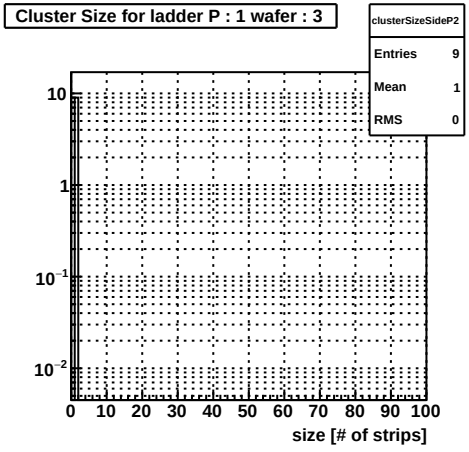

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 24348
Mean 1.279
RMS 0.6044
size [# of strips]

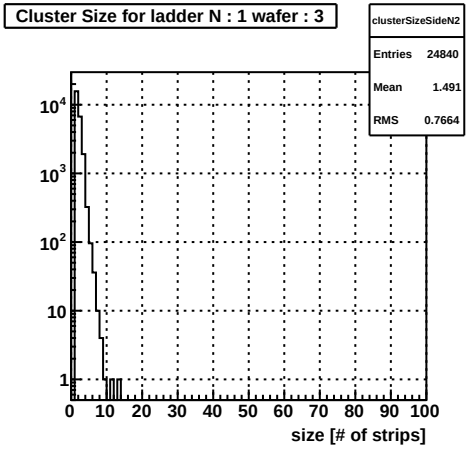

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

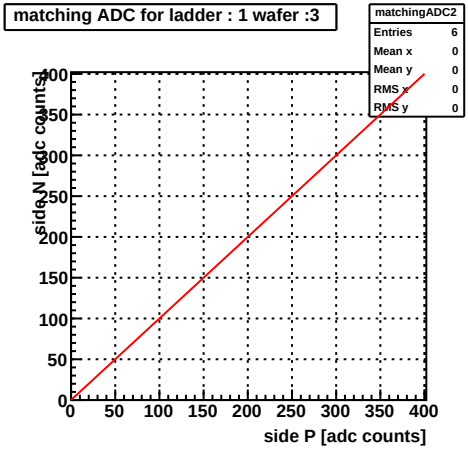

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

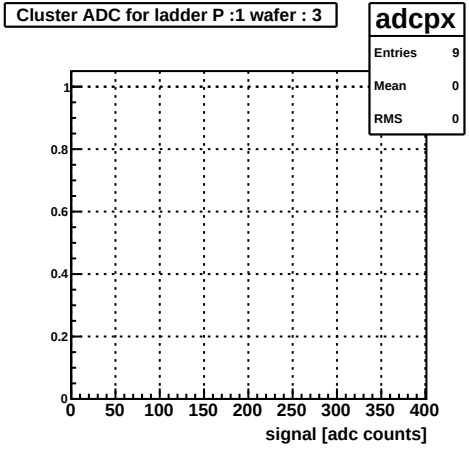

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 24348
Mean 57.88
RMS 57.69
signal [adc counts]

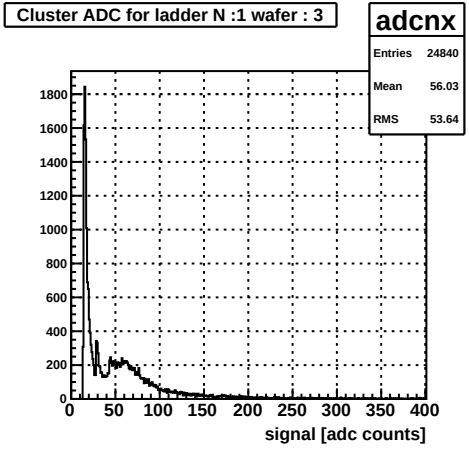

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

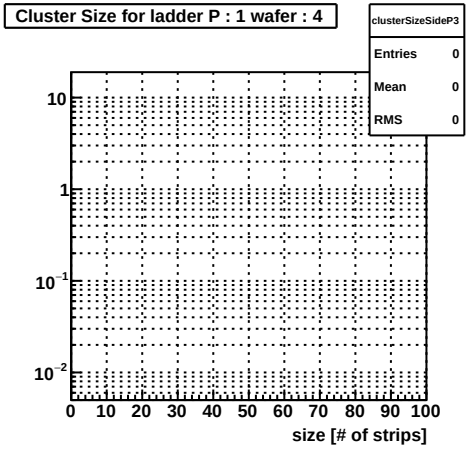

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 9
Mean 1
RMS 0
size [# of strips]

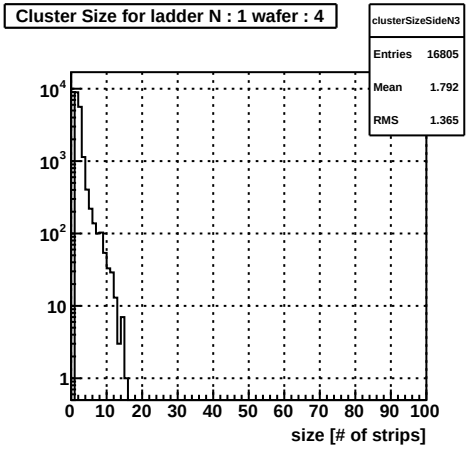

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 24840
Mean 1.491
RMS 0.7664
size [# of strips]

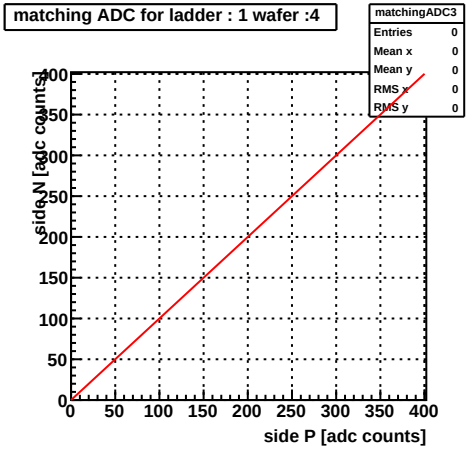

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

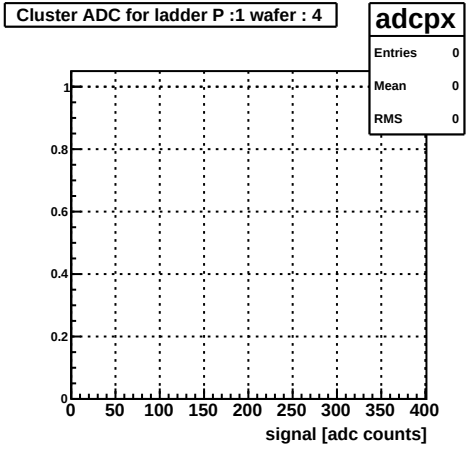

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

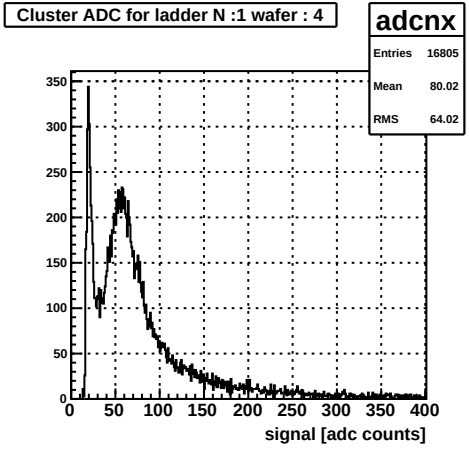

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 24840
Mean 56.03
RMS 53.64
signal [adc counts]

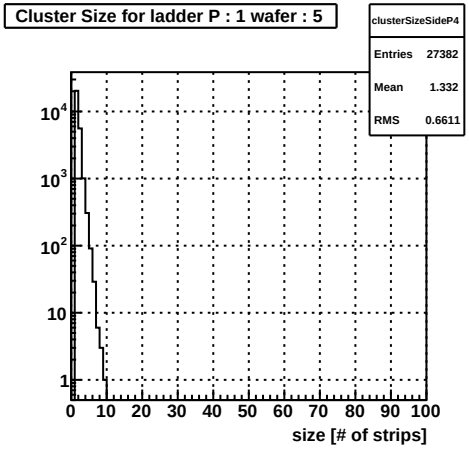

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

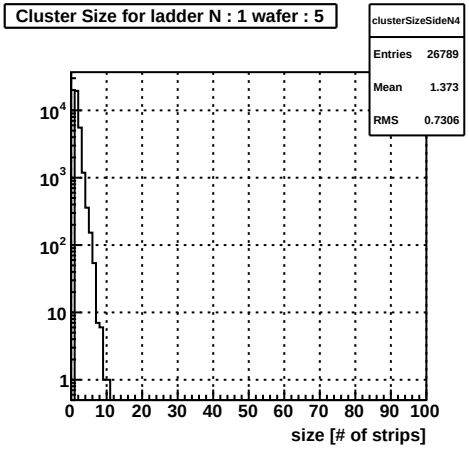

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 16805
Mean 1.792
RMS 1.365
size [# of strips]

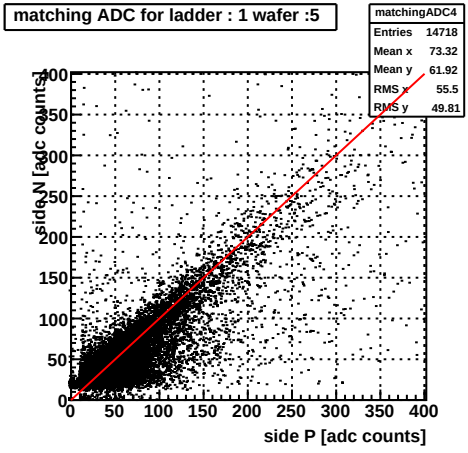

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

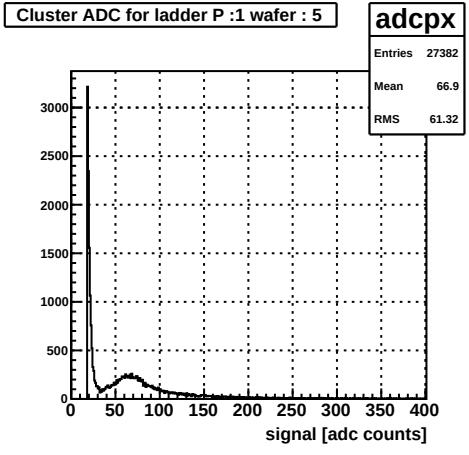

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

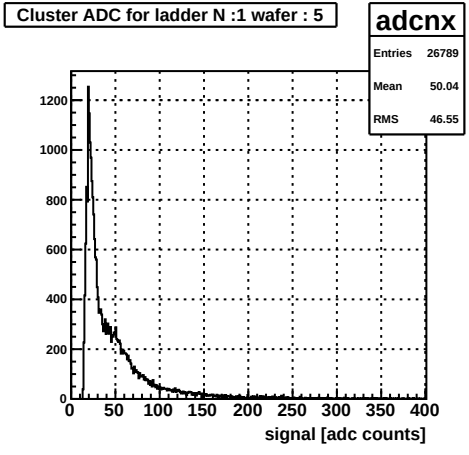

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 16805
Mean 80.02
RMS 64.02
signal [adc counts]

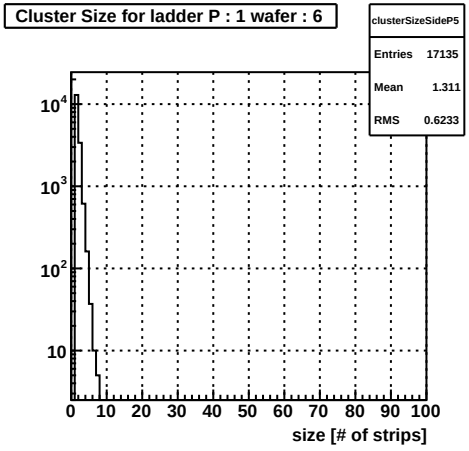

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 27382
Mean 1.332
RMS 0.6611
size [# of strips]

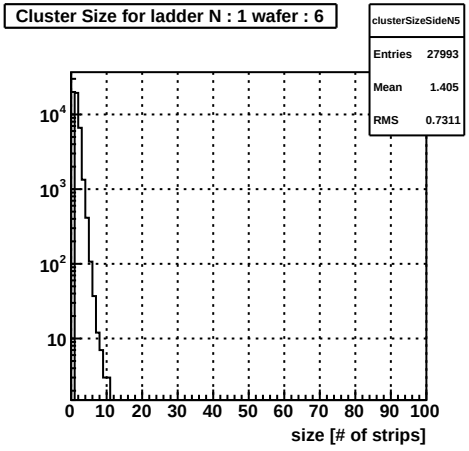

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 26789
Mean 1.373
RMS 0.7306
size [# of strips]

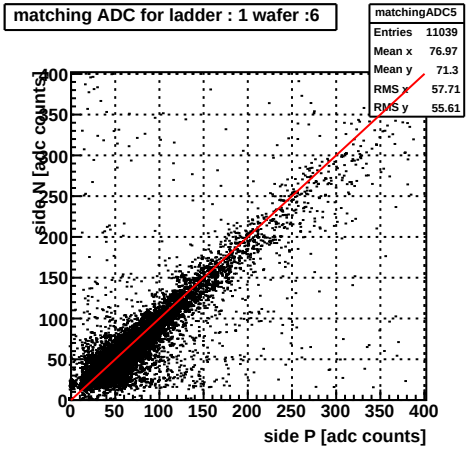

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 14718
Mean x 73.32
Mean y 61.92
RMS x 55.5
RMS y 49.81
side N [adc counts]
side P [adc counts]

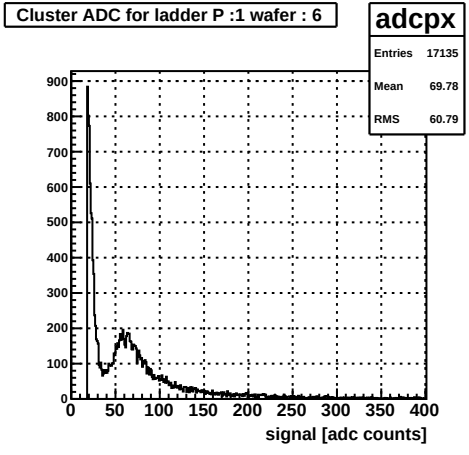

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 27382
Mean 66.9
RMS 61.32
signal [adc counts]

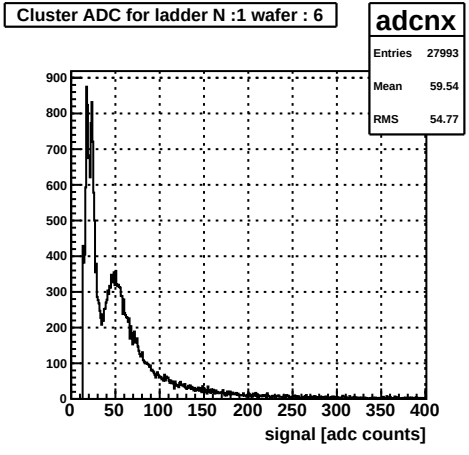

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 26789
Mean 50.04
RMS 46.55
signal [adc counts]

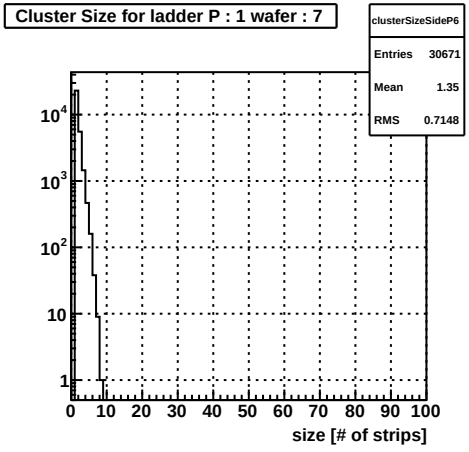

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 17135
Mean 1.311
RMS 0.6233
size [# of strips]

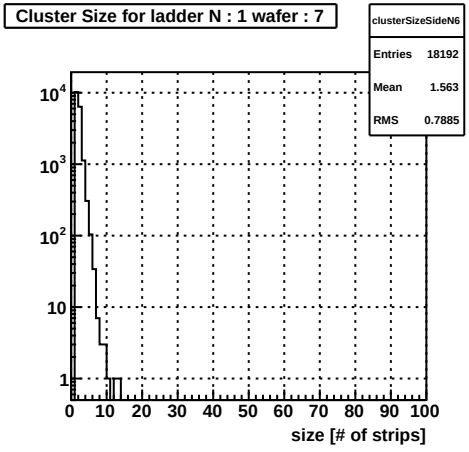

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 27993
Mean 1.405
RMS 0.7311
size [# of strips]

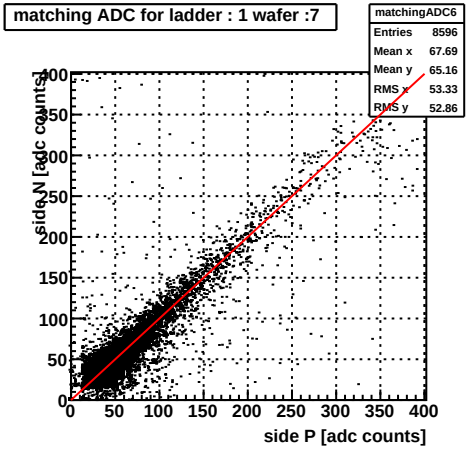

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 11039
Mean x 76.97
Mean y 71.3
RMS x 57.71
RMS y 55.61
side N [adc counts]
side P [adc counts]

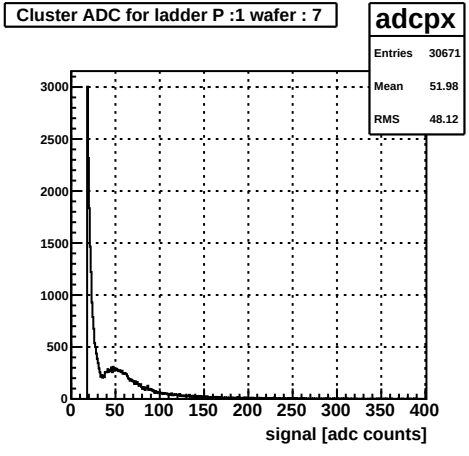

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 17135
Mean 69.78
RMS 60.79
signal [adc counts]

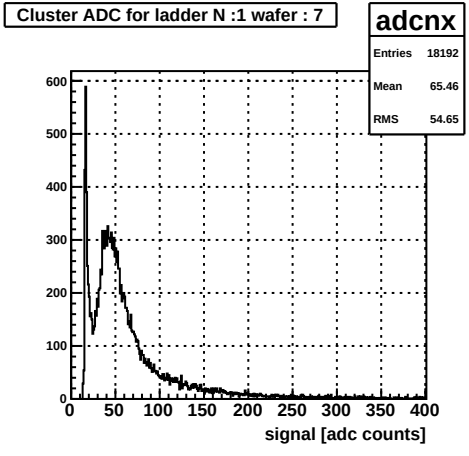

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 27993
Mean 59.54
RMS 54.77
signal [adc counts]

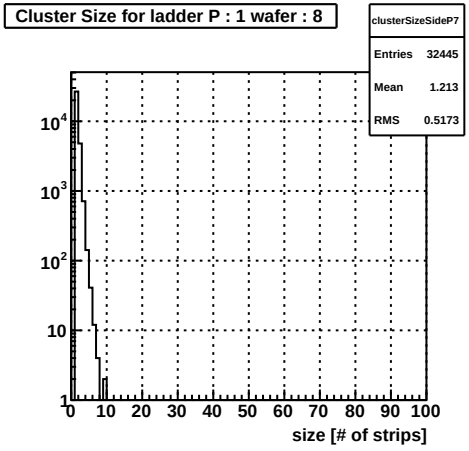

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 30671
Mean 1.35
RMS 0.7148
size [# of strips]

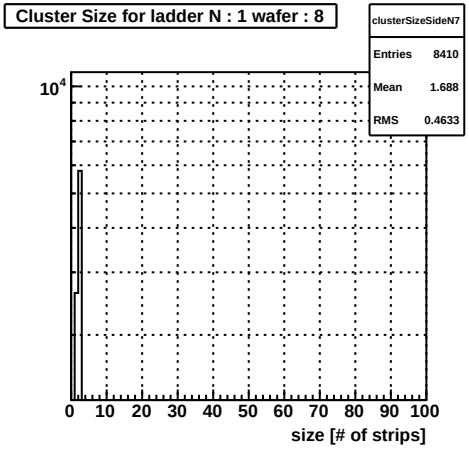

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 18192
Mean 1.563
RMS 0.7885
size [# of strips]

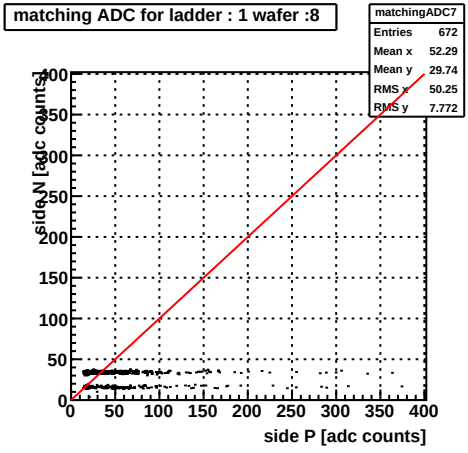

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 8596
Mean x 67.69
Mean y 65.16
RMS x 53.33
RMS y 52.86
side N [adc counts]
side P [adc counts]

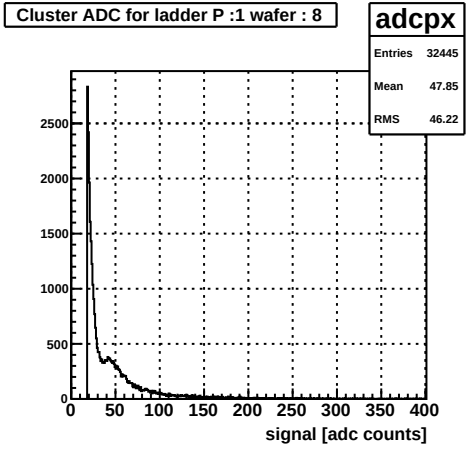

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 30671
Mean 51.98
RMS 48.12
signal [adc counts]

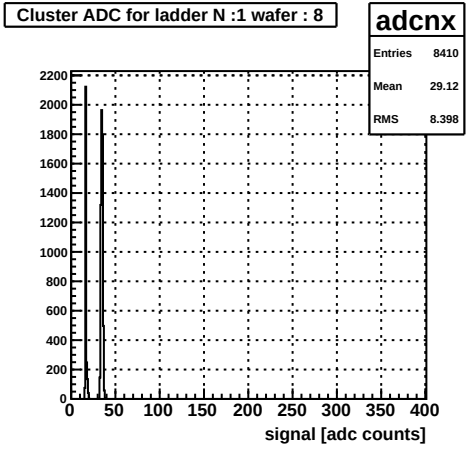

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 18192
Mean 65.46
RMS 54.65
signal [adc counts]

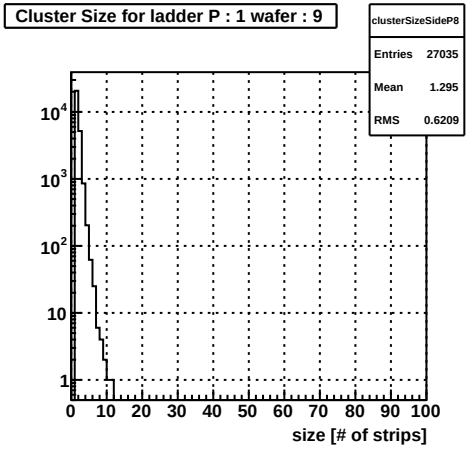

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 32445
Mean 1.213
RMS 0.5173
size [# of strips]

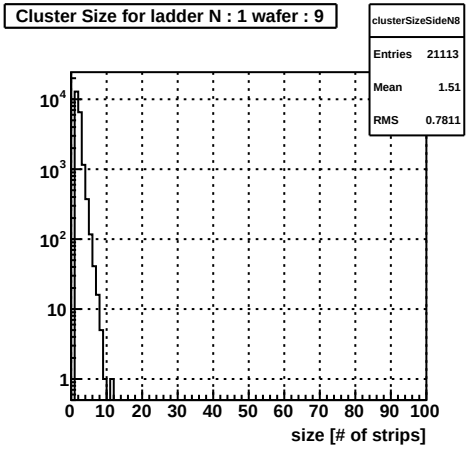

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8410
Mean 1.688
RMS 0.4633
size [# of strips]

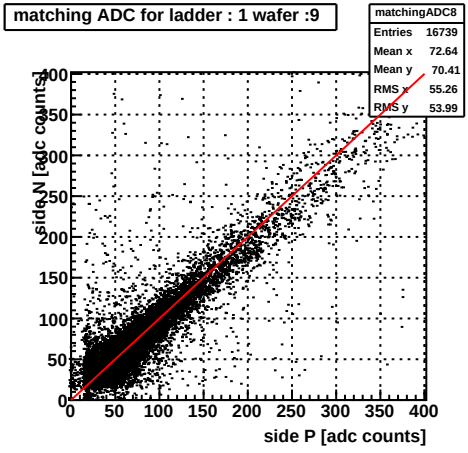

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 672
Mean x 52.29
Mean y 29.74
RMS x 50.25
RMS y 7.772
side N [adc counts]
side P [adc counts]

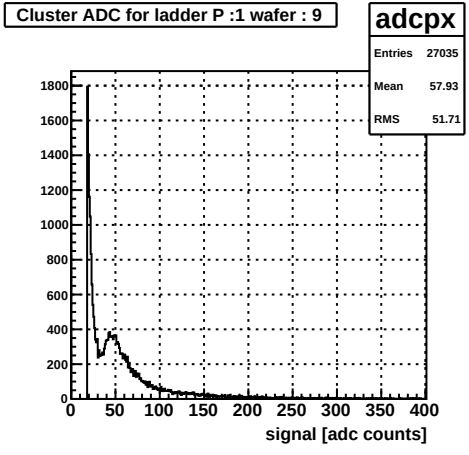

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 32445
Mean 47.85
RMS 46.22
signal [adc counts]

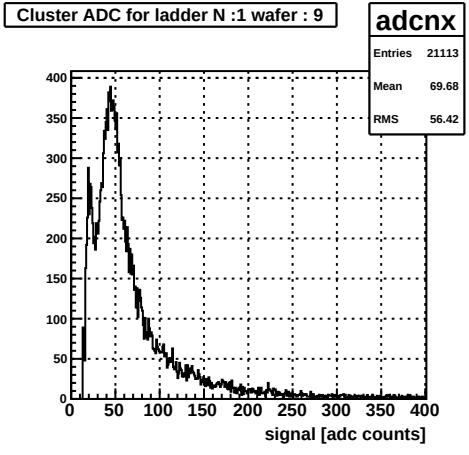

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8410
Mean 29.12
RMS 8.398
signal [adc counts]

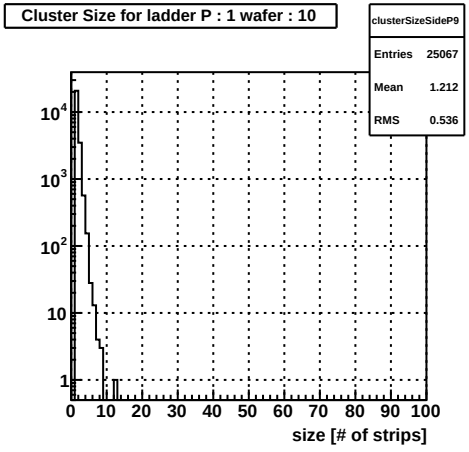

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 27035
Mean 1.295
RMS 0.6209
size [# of strips]

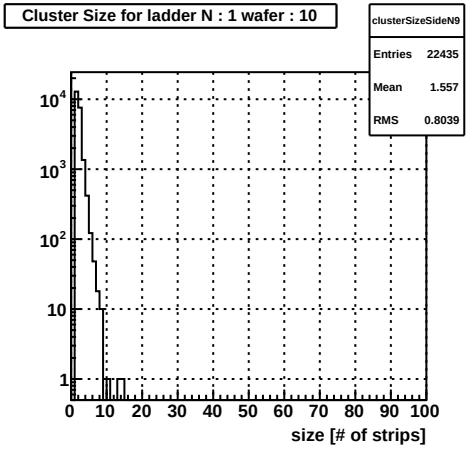

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 21113
Mean 1.51
RMS 0.7811
size [# of strips]

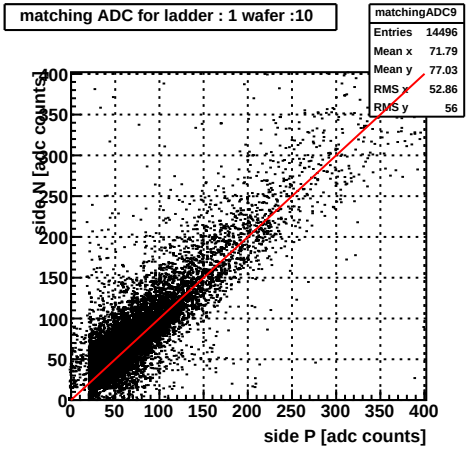

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 16739
Mean x 72.64
Mean y 70.41
RMS x 55.26
RMS y 53.99
side N [adc counts]
side P [adc counts]

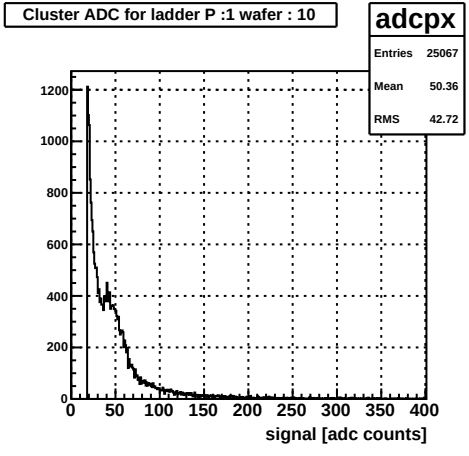

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 27035
Mean 57.93
RMS 51.71
signal [adc counts]

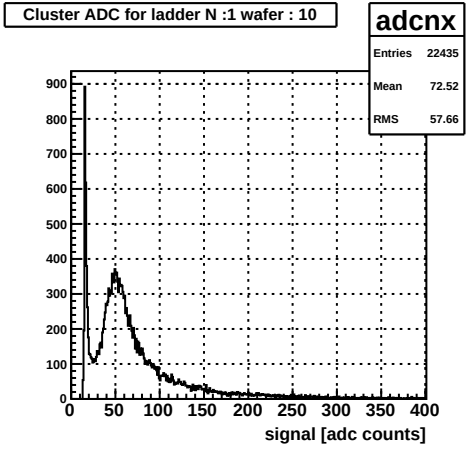

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 21113
Mean 69.68
RMS 56.42
signal [adc counts]

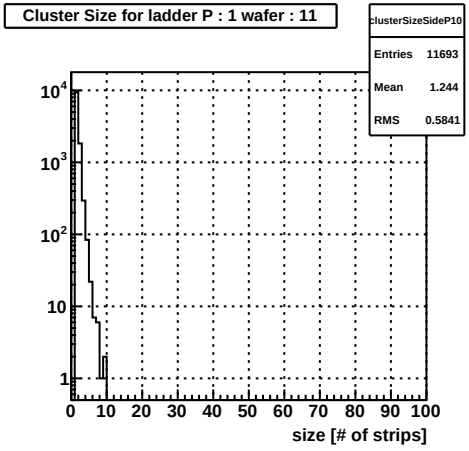

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 25067
Mean 1.212
RMS 0.536
size [# of strips]

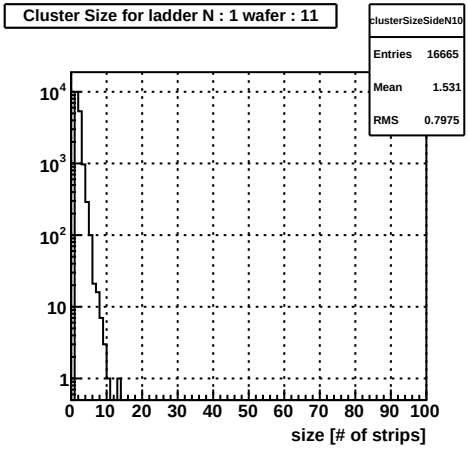

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 22435
Mean 1.557
RMS 0.8039
size [# of strips]

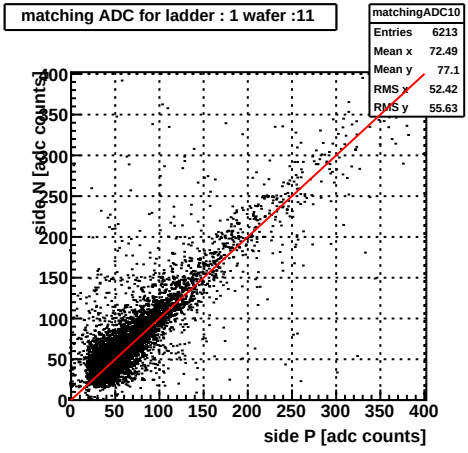

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 14496
Mean x 71.79
Mean y 77.03
RMS x 52.86
RMS y 56
side N [adc counts]
side P [adc counts]

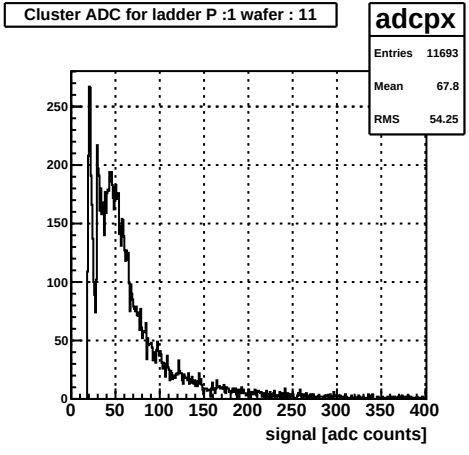

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 25067
Mean 50.36
RMS 42.72
signal [adc counts]

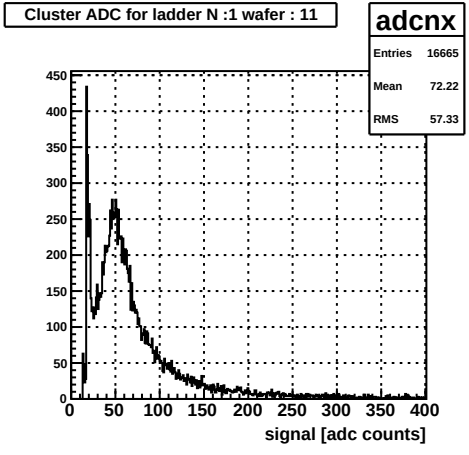

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 22435
Mean 72.52
RMS 57.66
signal [adc counts]

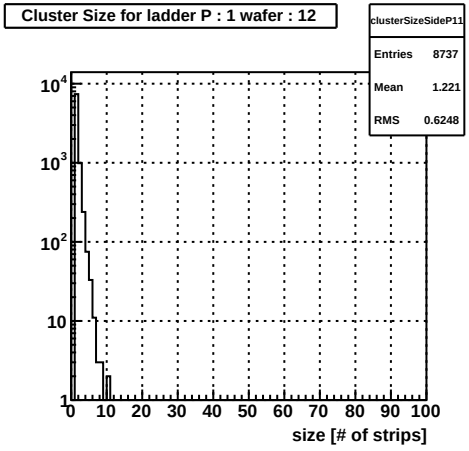

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 11693
Mean 1.244
RMS 0.5841
size [# of strips]

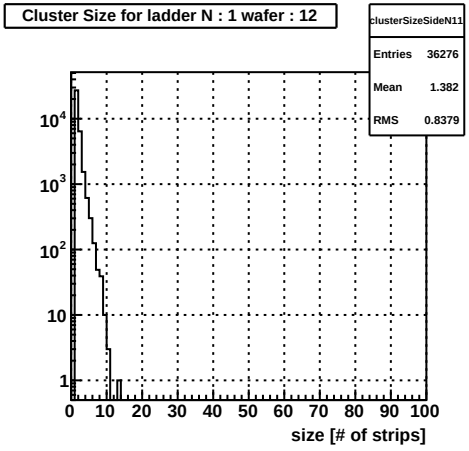

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 16665
Mean 1.531
RMS 0.7975
size [# of strips]

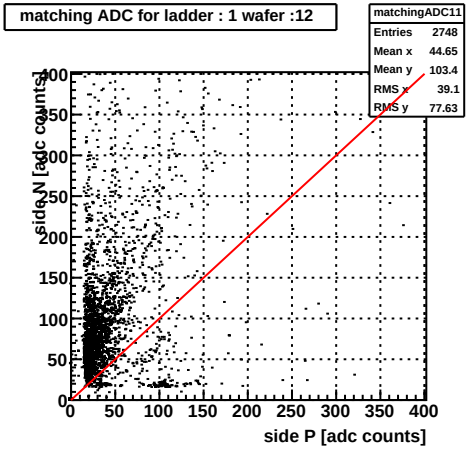

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 6213
Mean x 72.49
Mean y 77.1
RMS x 52.42
RMS y 55.63
side N [adc counts]
side P [adc counts]

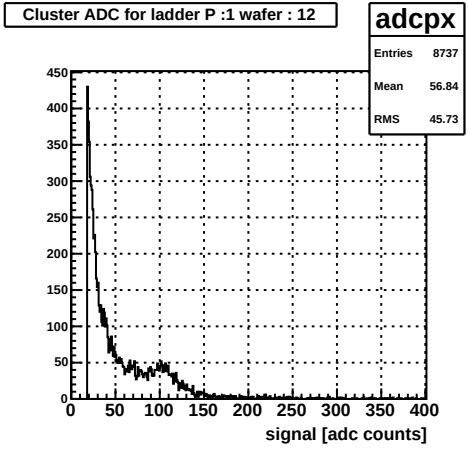

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 11693
Mean 67.8
RMS 54.25
signal [adc counts]

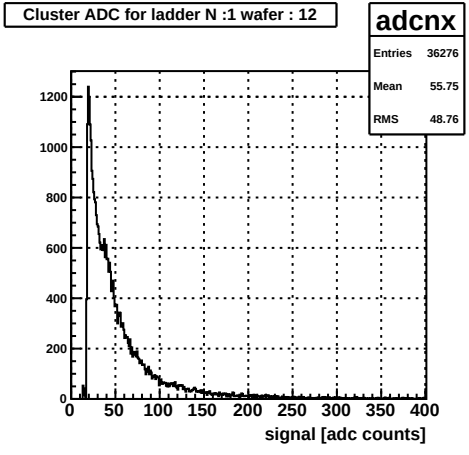

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 16665
Mean 72.22
RMS 57.33
signal [adc counts]

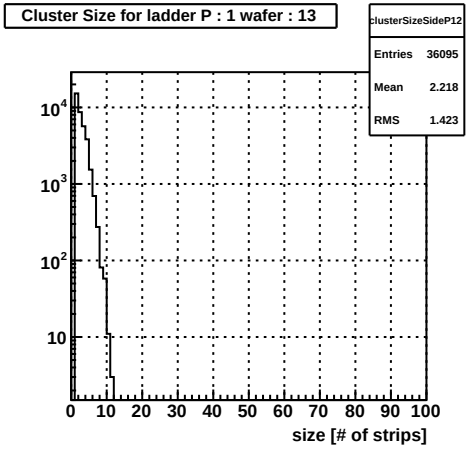

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 8737
Mean 1.221
RMS 0.6248
size [# of strips]

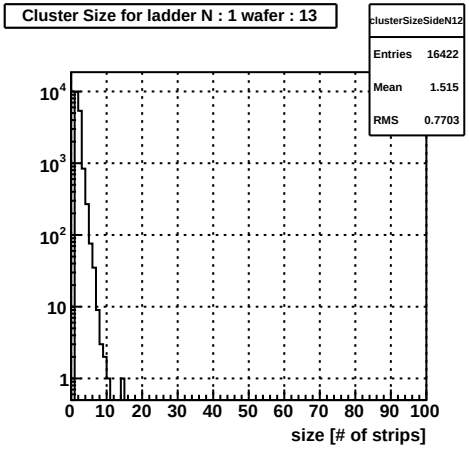

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 36276
Mean 1.382
RMS 0.8379
size [# of strips]

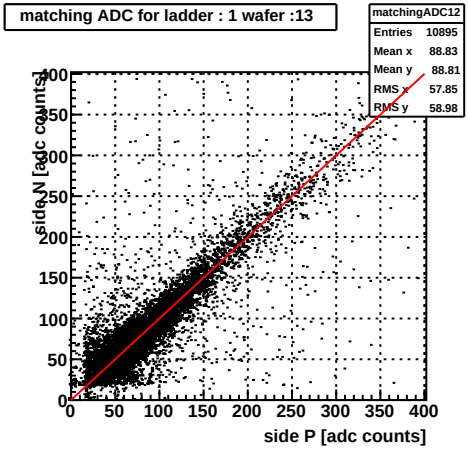

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2748
Mean x 44.65
Mean y 103.4
RMS x 39.1
RMS y 77.63
side N [adc counts]
side P [adc counts]

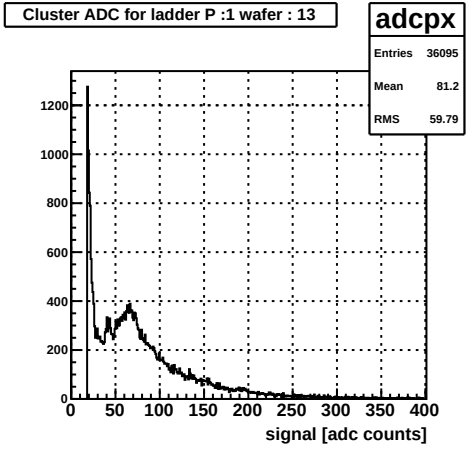

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 8737
Mean 56.84
RMS 45.73
signal [adc counts]

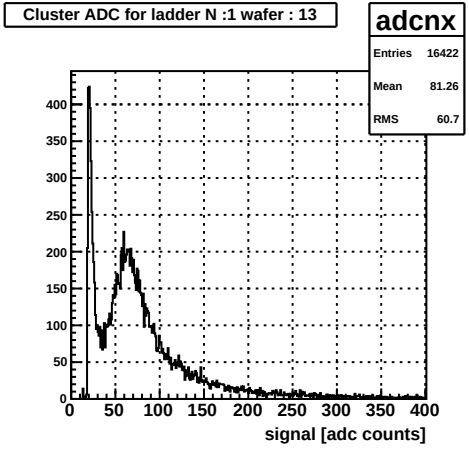

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 36276
Mean 55.75
RMS 48.76
signal [adc counts]

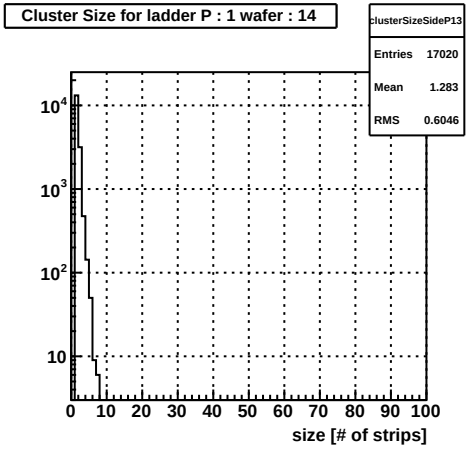

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 36095
Mean 2.218
RMS 1.423
size [# of strips]

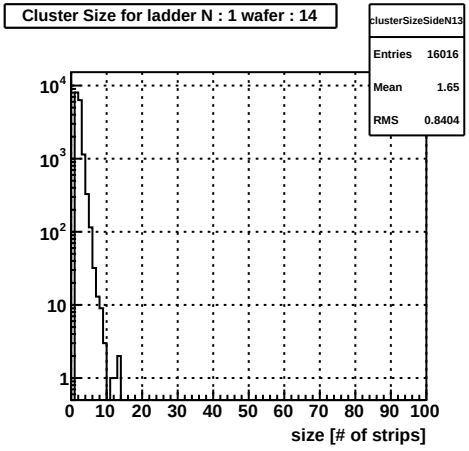

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 16422
Mean 1.515
RMS 0.7703
size [# of strips]

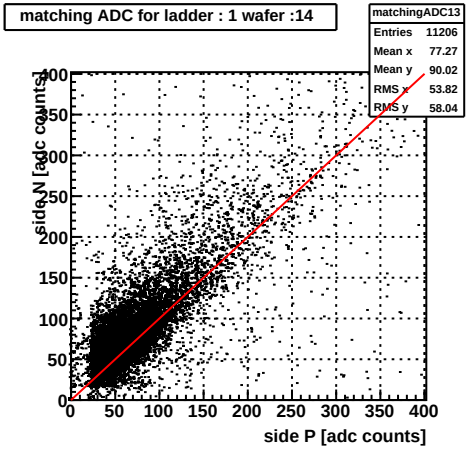

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 10895
Mean x 88.83
Mean y 88.81
RMS x 57.85
RMS y 58.98
side N [adc counts]
side P [adc counts]

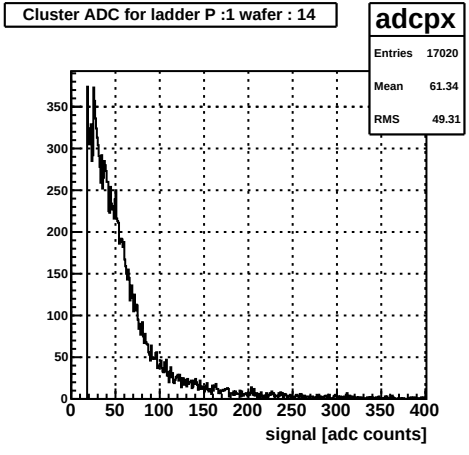

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 36095
Mean 81.2
RMS 59.79
signal [adc counts]

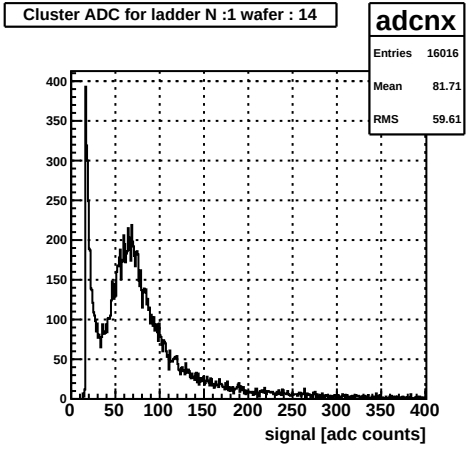

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 16422
Mean 81.26
RMS 60.7
signal [adc counts]

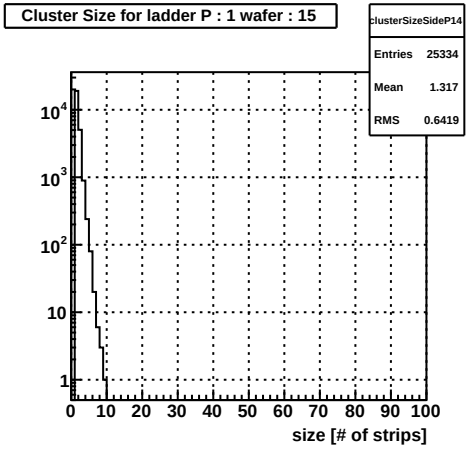

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 17020
Mean 1.283
RMS 0.6046
size [# of strips]

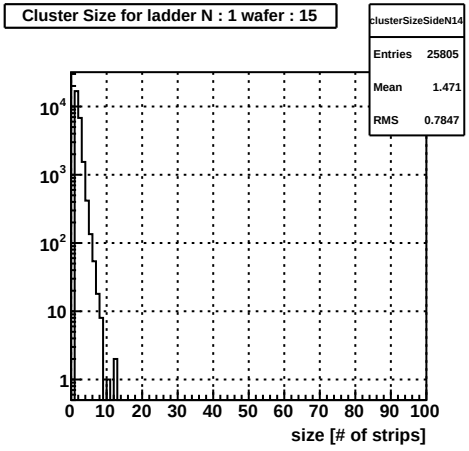

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 16016
Mean 1.65
RMS 0.8404
size [# of strips]

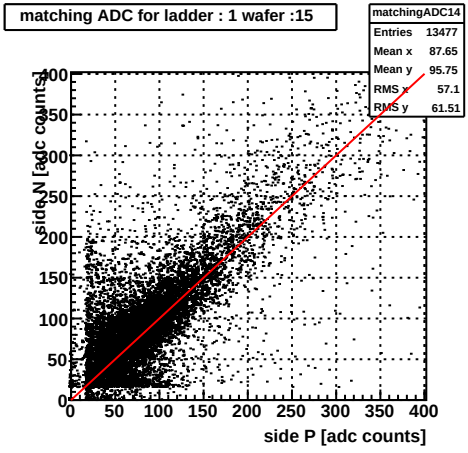

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 11206
Mean x 77.27
Mean y 90.02
RMS x 53.82
RMS y 58.04
side N [adc counts]
side P [adc counts]

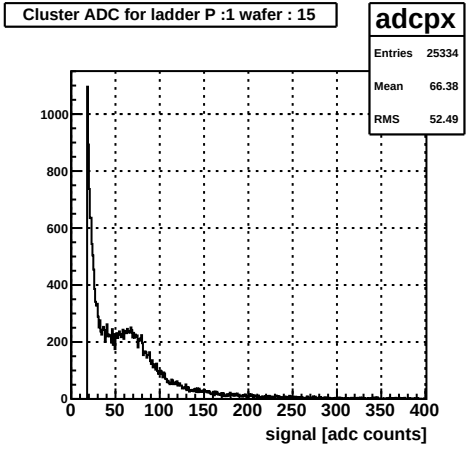

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 17020
Mean 61.34
RMS 49.31
signal [adc counts]

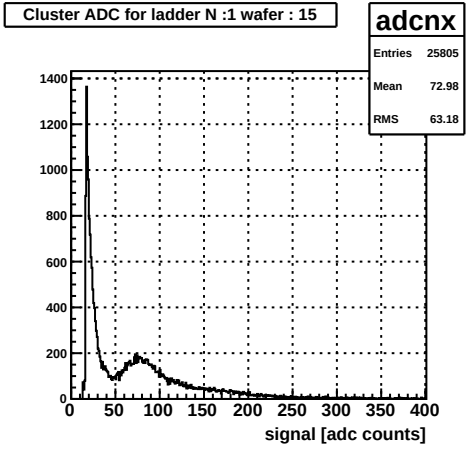

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 16016
Mean 81.71
RMS 59.61
signal [adc counts]

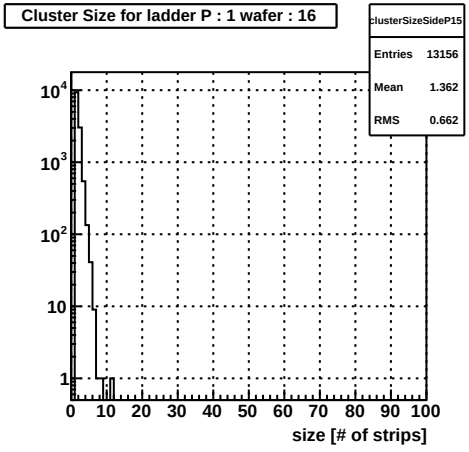

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 25334
Mean 1.317
RMS 0.6419
size [# of strips]

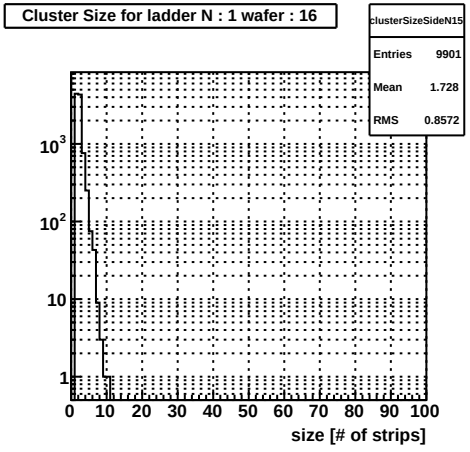

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 25805
Mean 1.471
RMS 0.7847
size [# of strips]

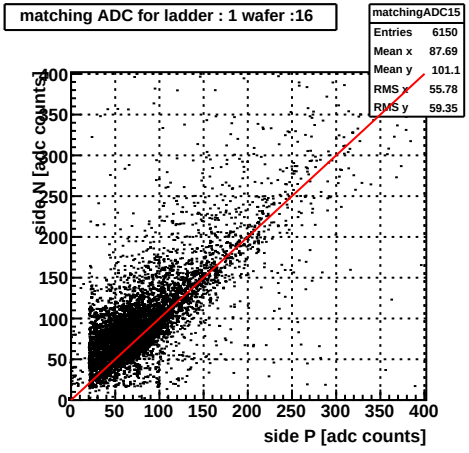

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 13477
Mean x 87.65
Mean y 95.75
RMS x 57.1
RMS y 61.51
side N [adc counts]
side P [adc counts]

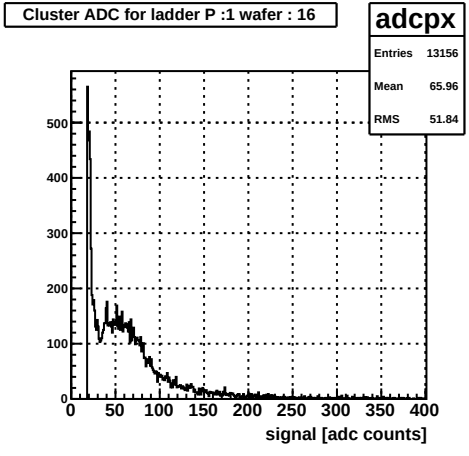

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 25334
Mean 66.38
RMS 52.49
signal [adc counts]

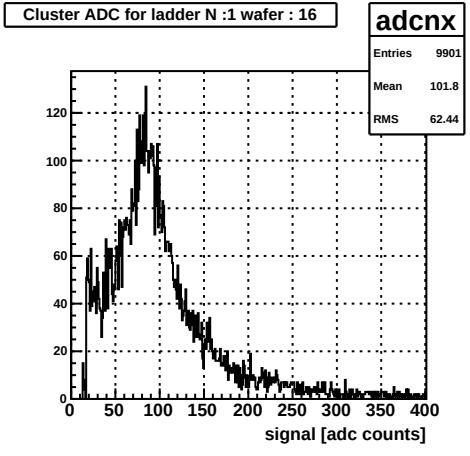

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 25805
Mean 72.98
RMS 63.18
signal [adc counts]

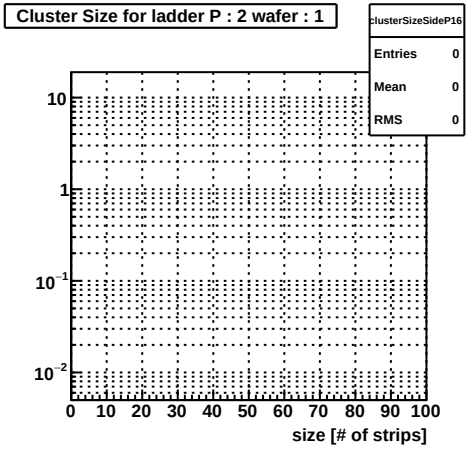

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 13156
Mean 1.362
RMS 0.662
size [# of strips]

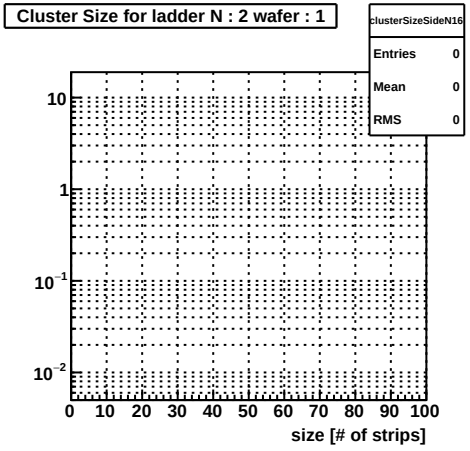

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 9901
Mean 1.728
RMS 0.8572
size [# of strips]

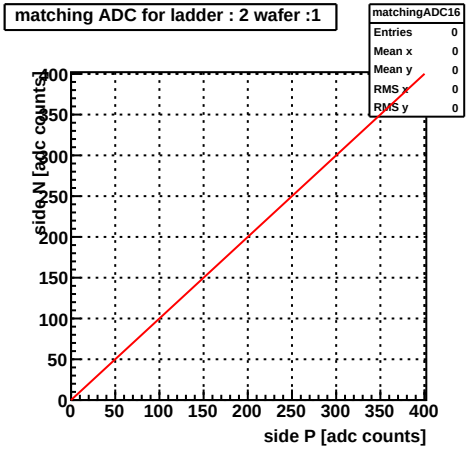

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 6150
Mean x 87.69
Mean y 101.1
RMS x 55.78
RMS y 59.35
side N [adc counts]
side P [adc counts]

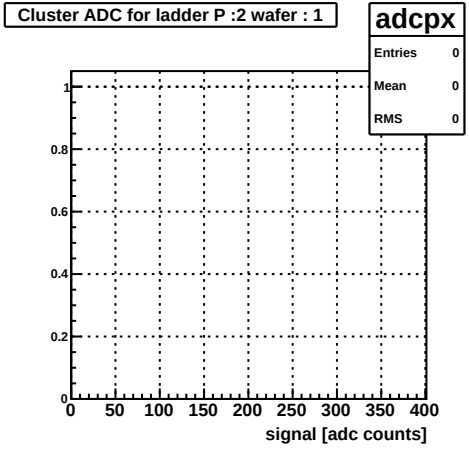

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 13156
Mean 65.96
RMS 51.84
signal [adc counts]

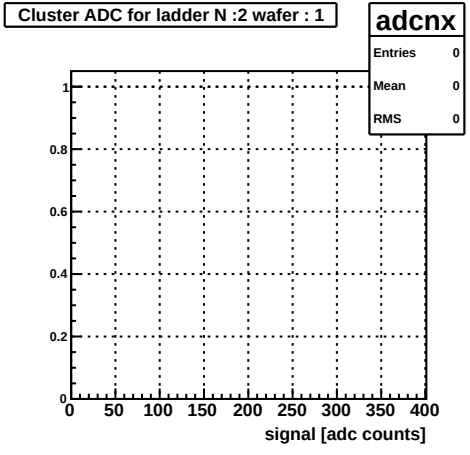

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 9901
Mean 101.8
RMS 62.44
signal [adc counts]

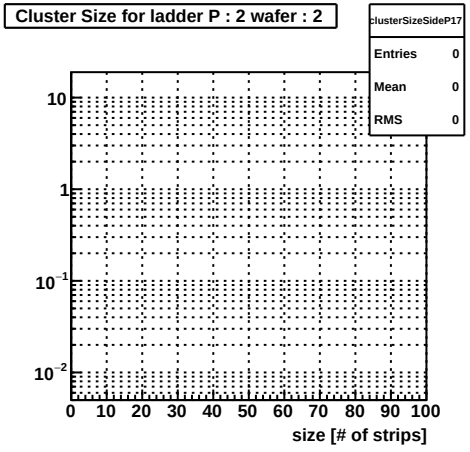

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

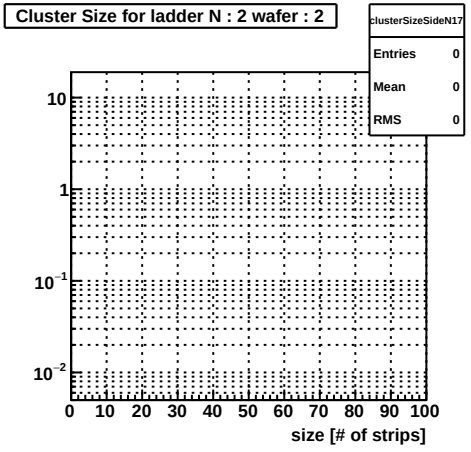

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

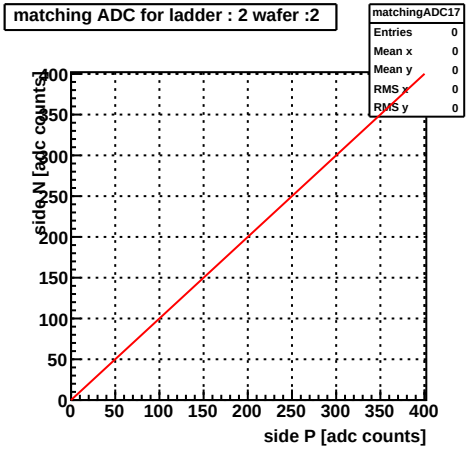

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

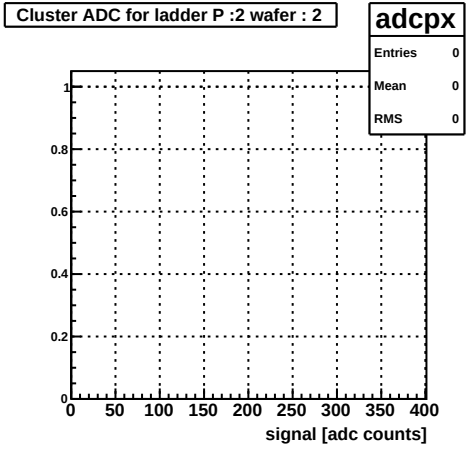

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

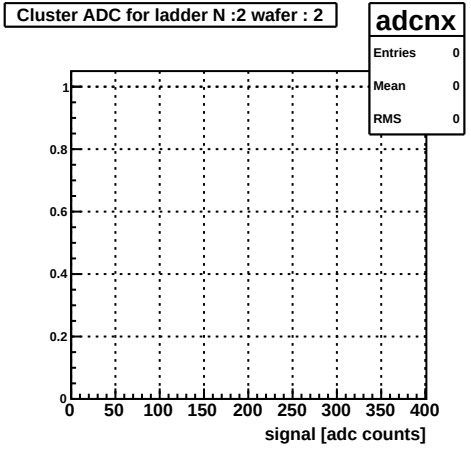

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

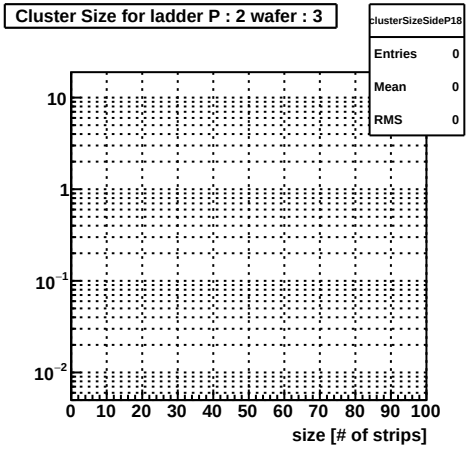

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

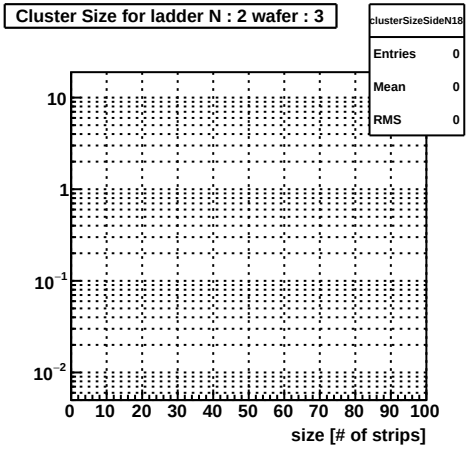

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

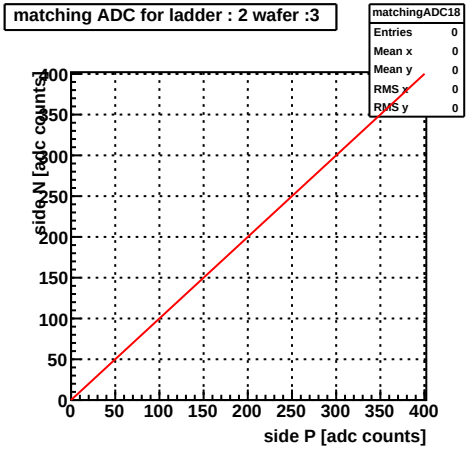

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

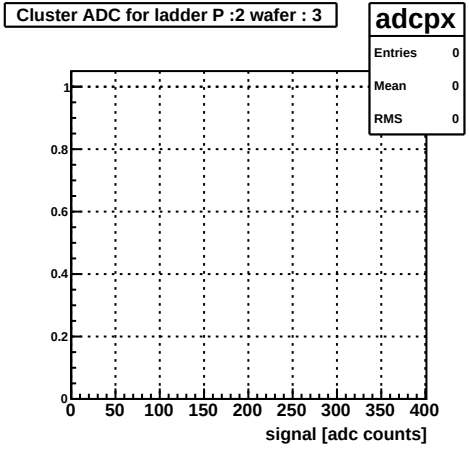

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

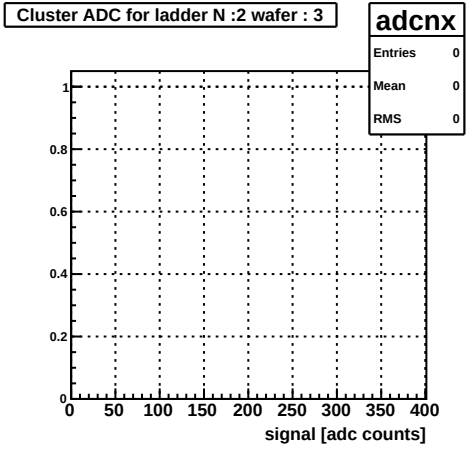

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

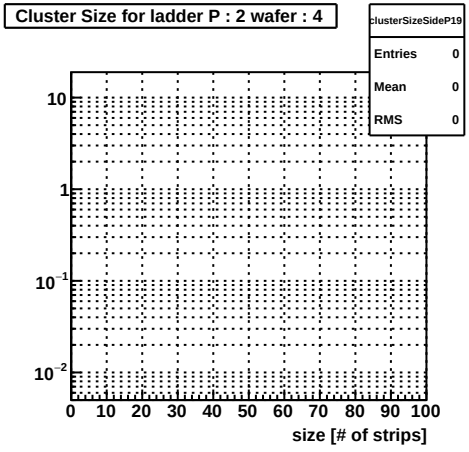

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

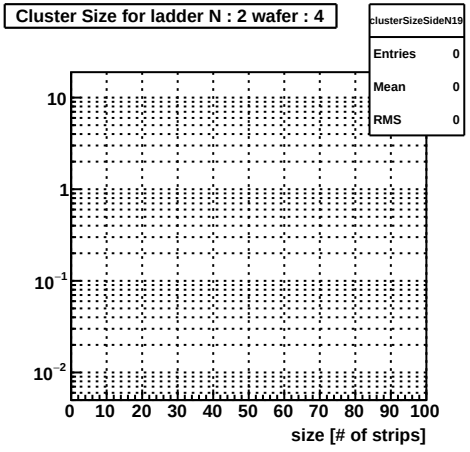

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

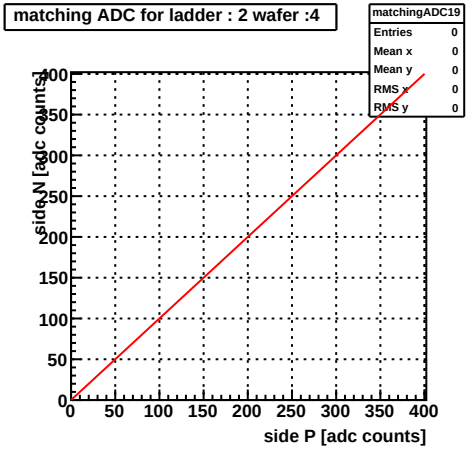

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

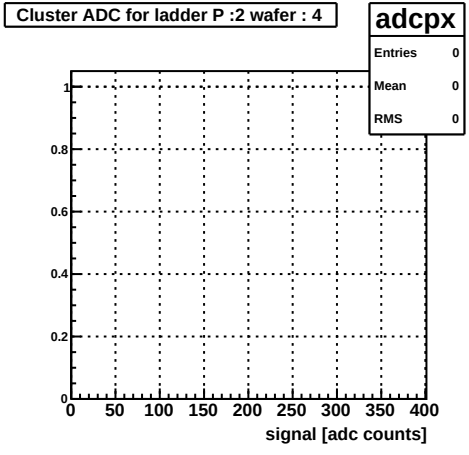

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

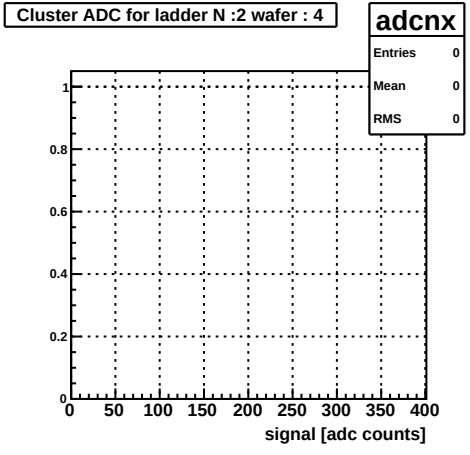

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

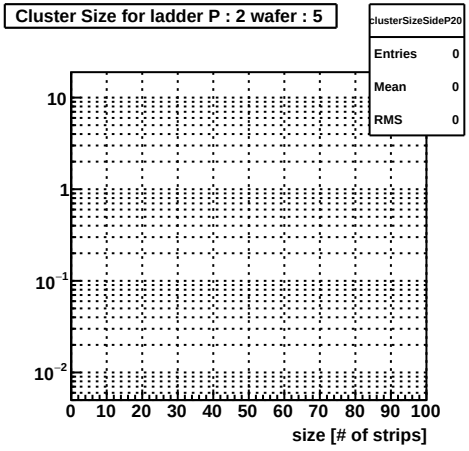

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

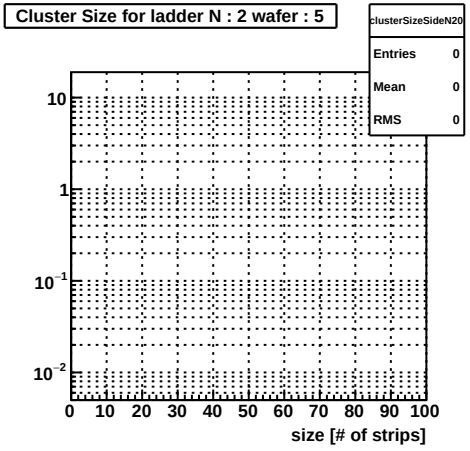

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

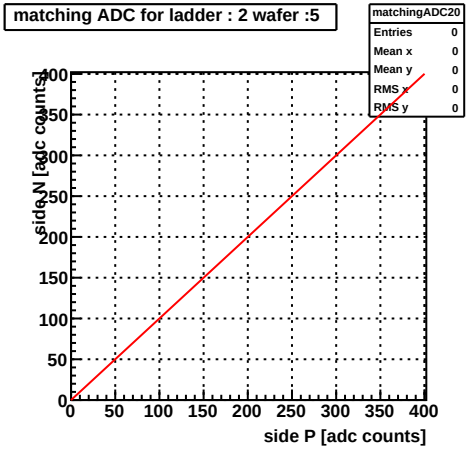

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

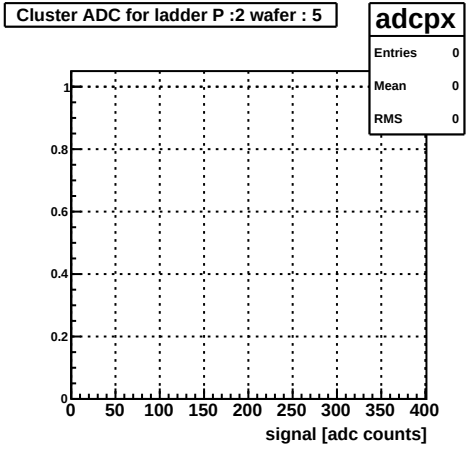

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

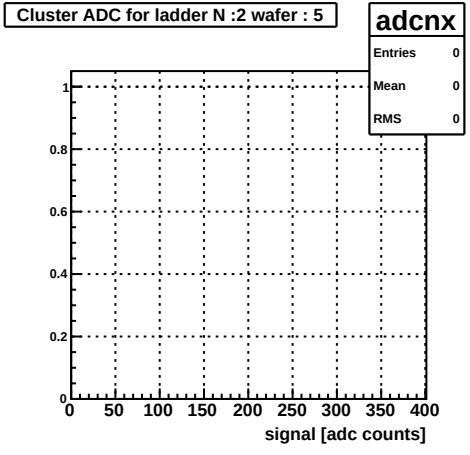

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

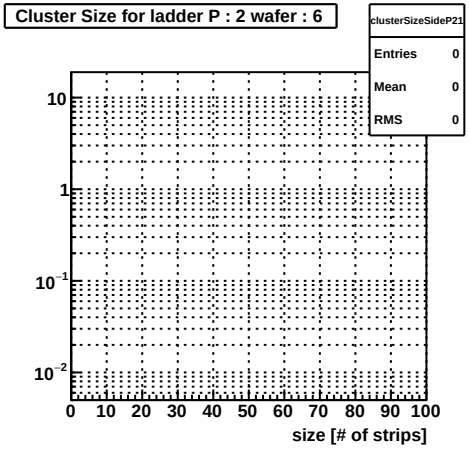

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

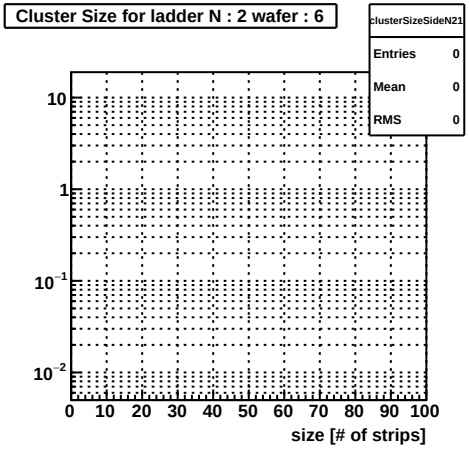

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

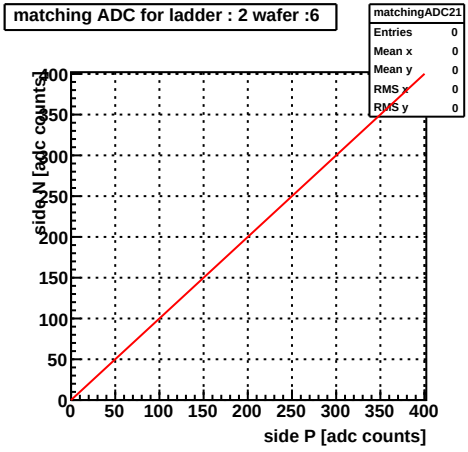

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

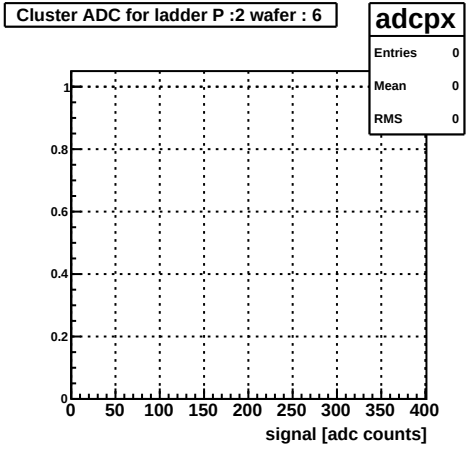

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

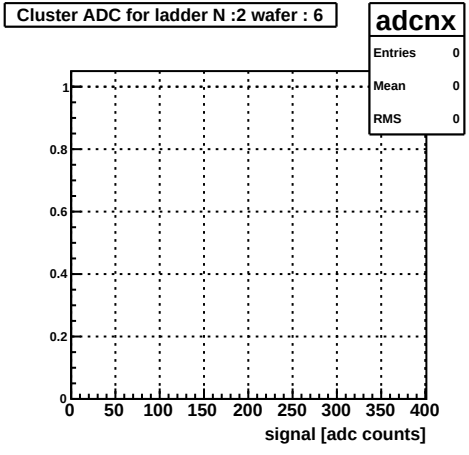

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

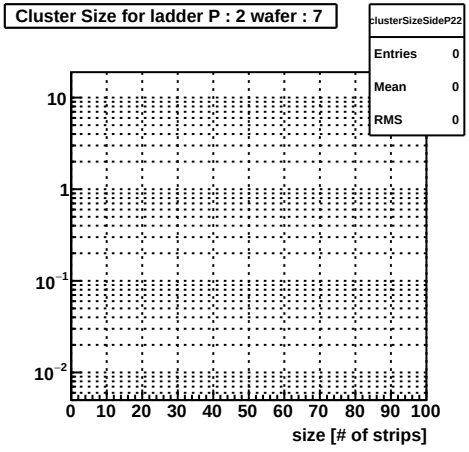

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

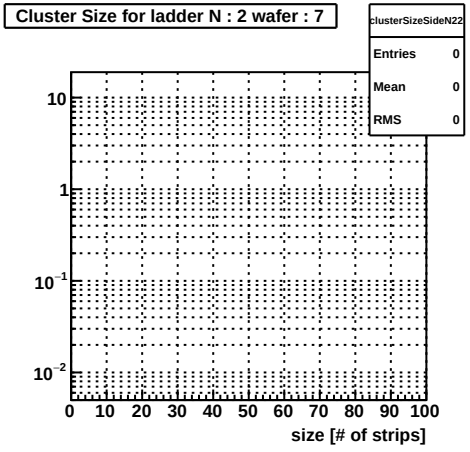

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

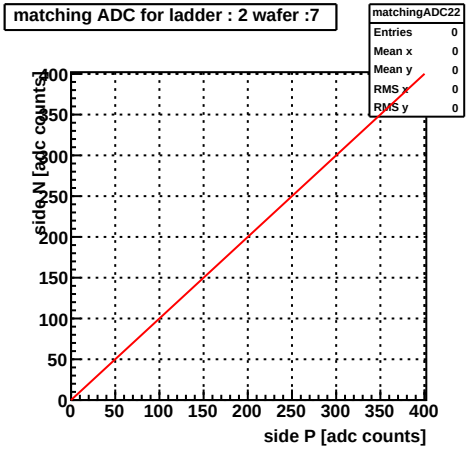

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

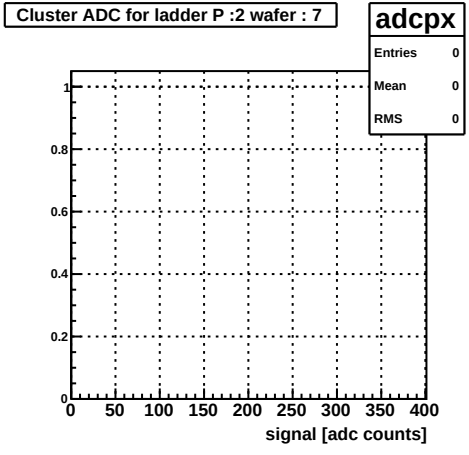

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

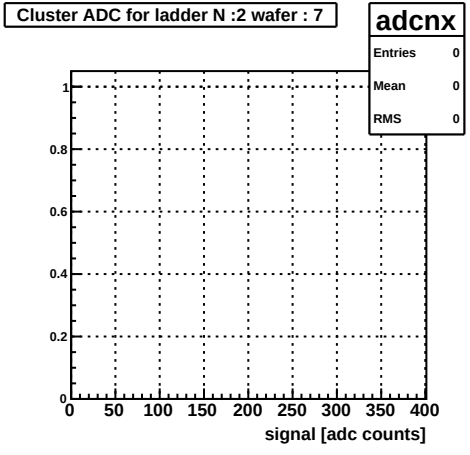

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

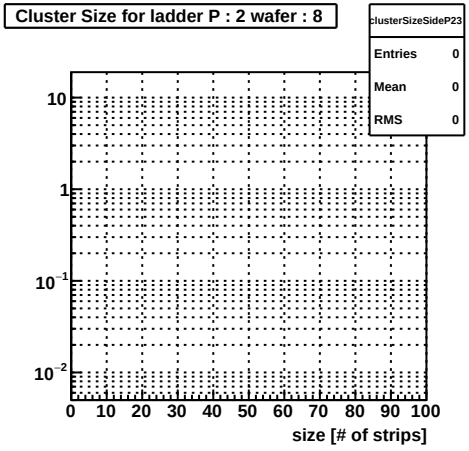

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

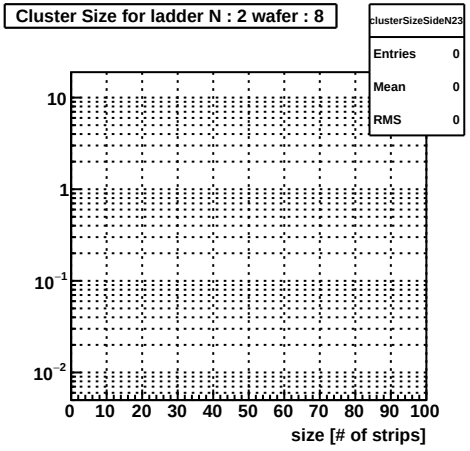

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

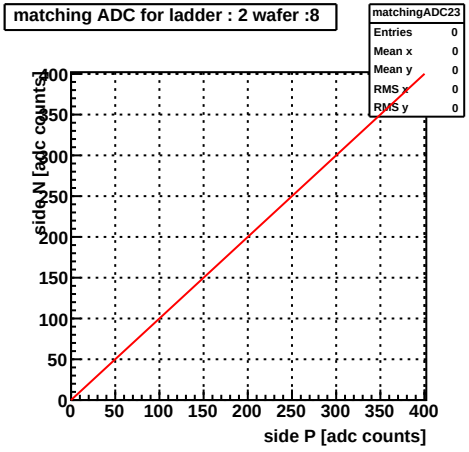

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

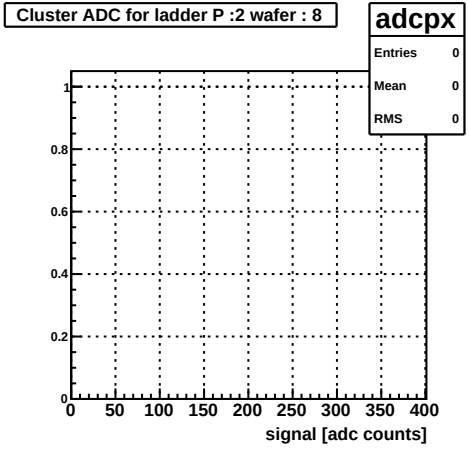

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

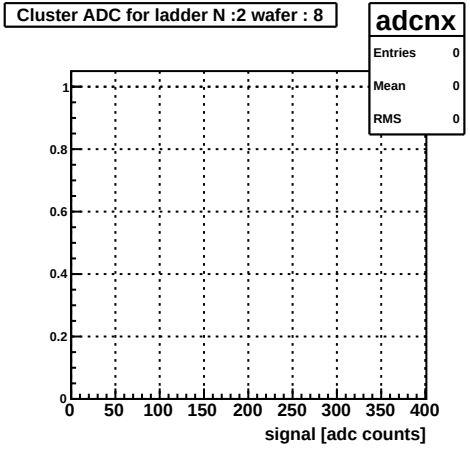

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

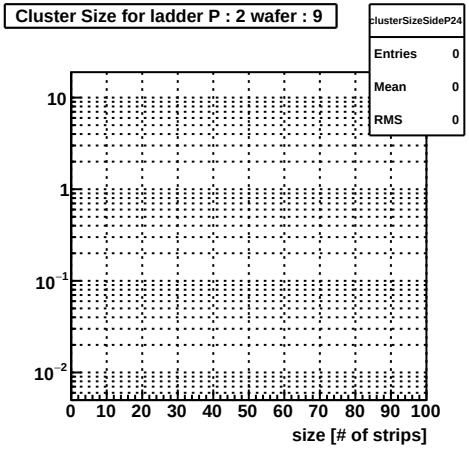

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

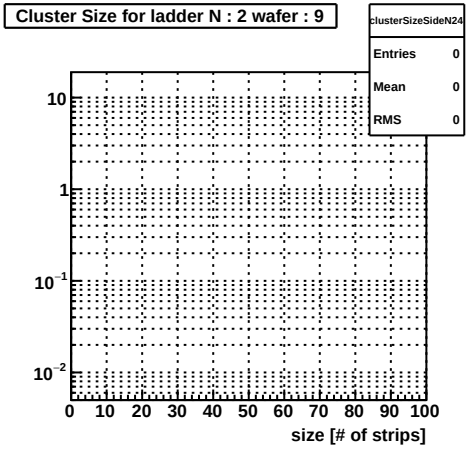

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

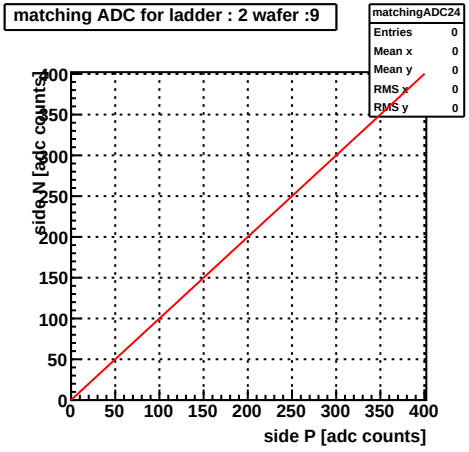

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

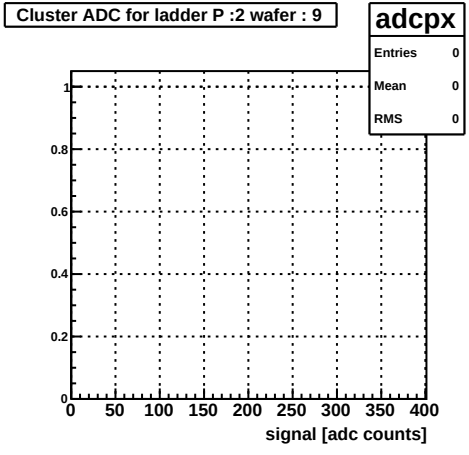

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

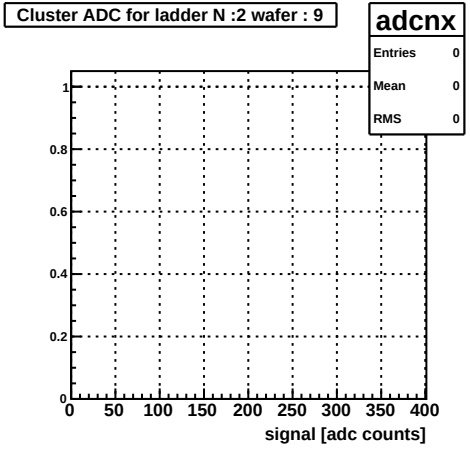

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

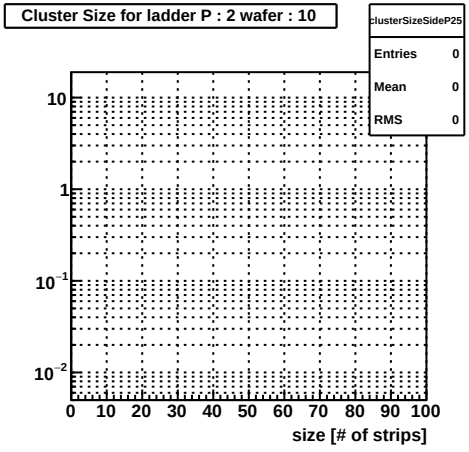

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

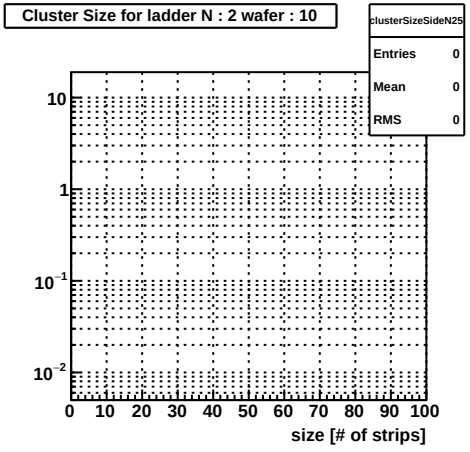

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

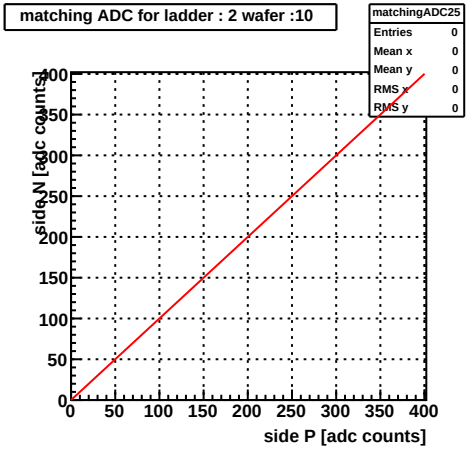

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

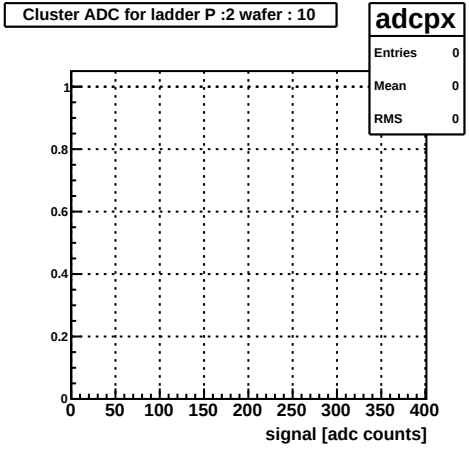

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

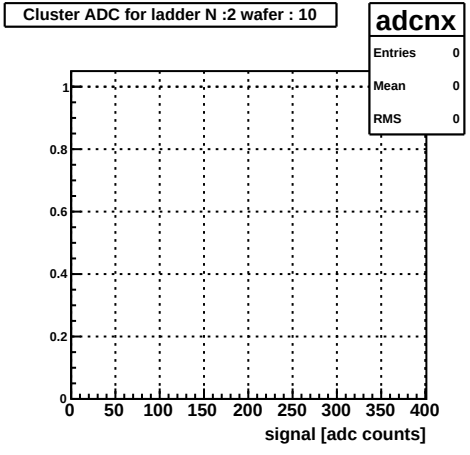

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

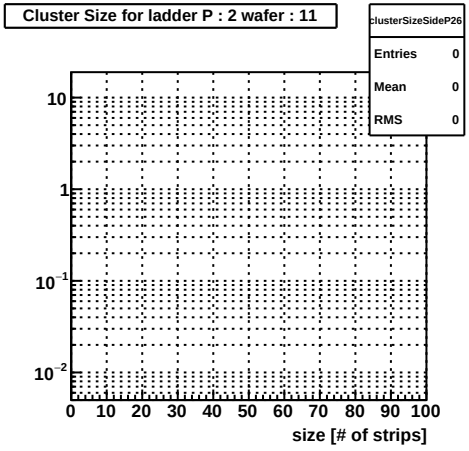

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

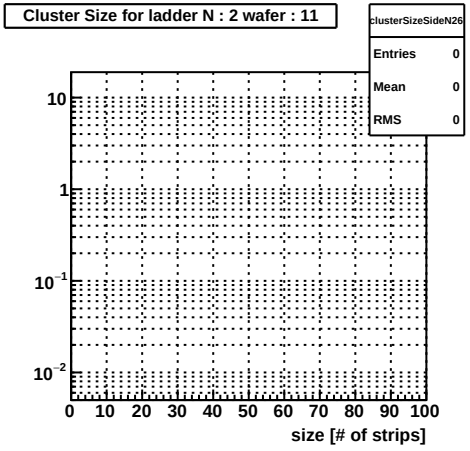

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

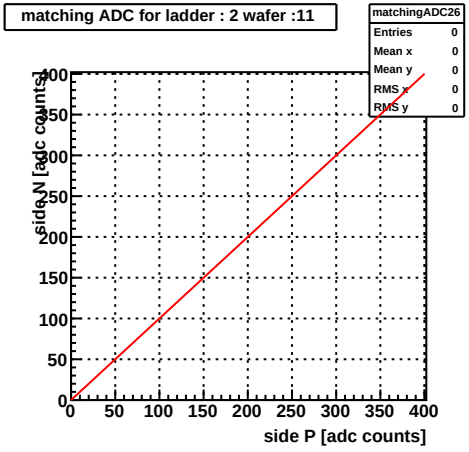

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

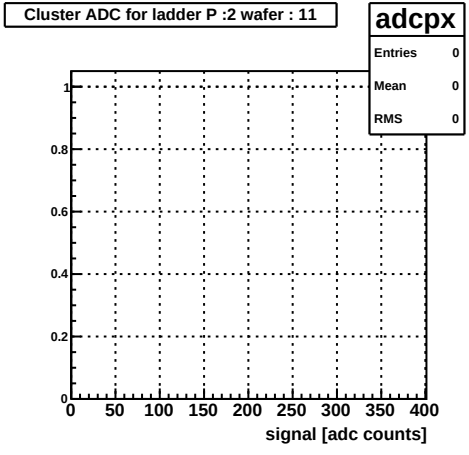

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

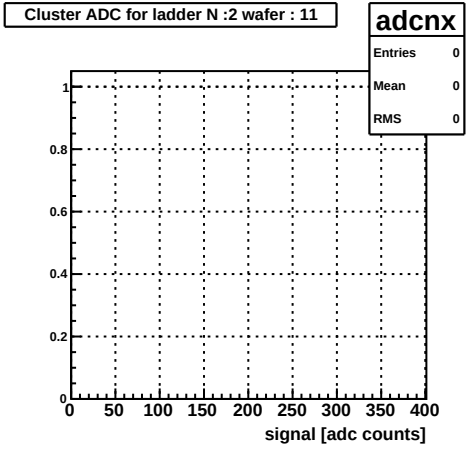

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

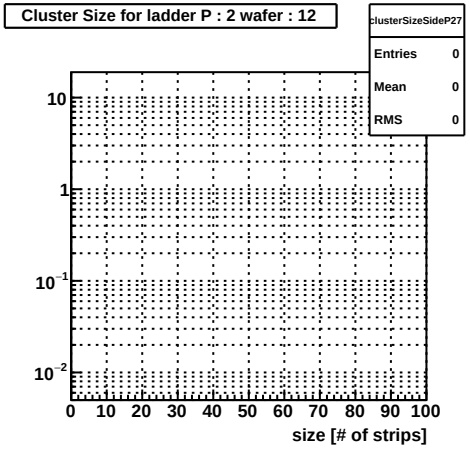

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

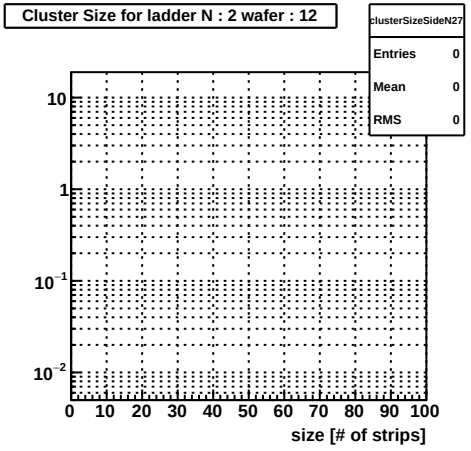

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

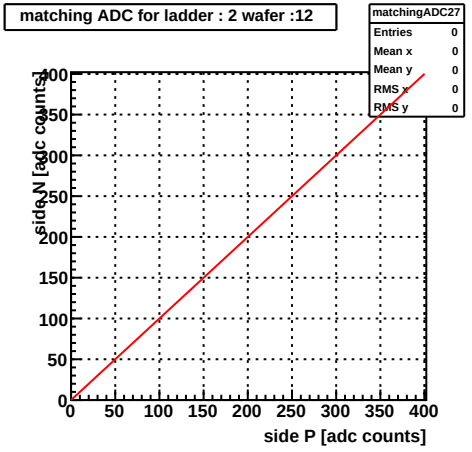

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

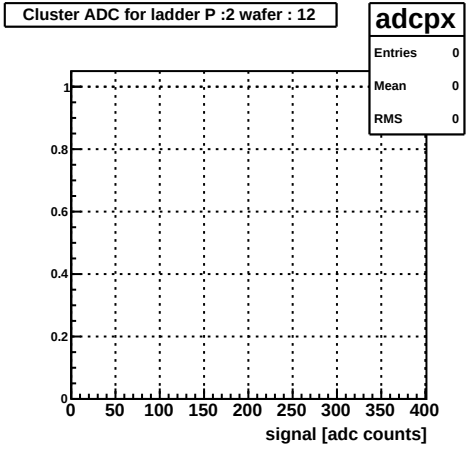

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

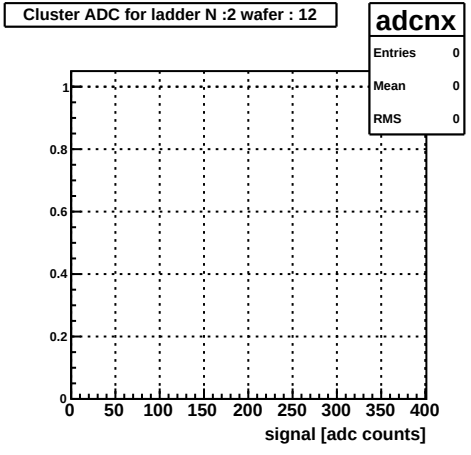

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

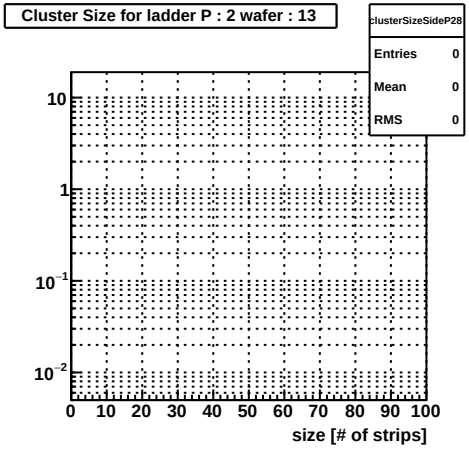

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

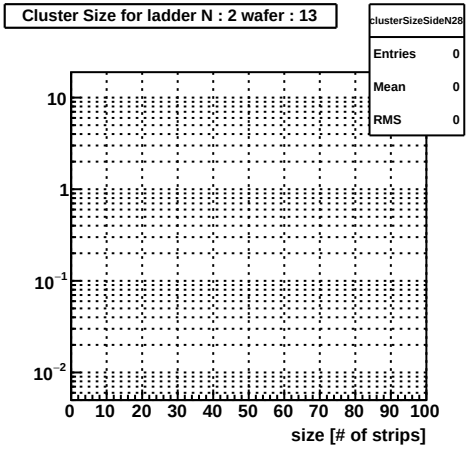

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

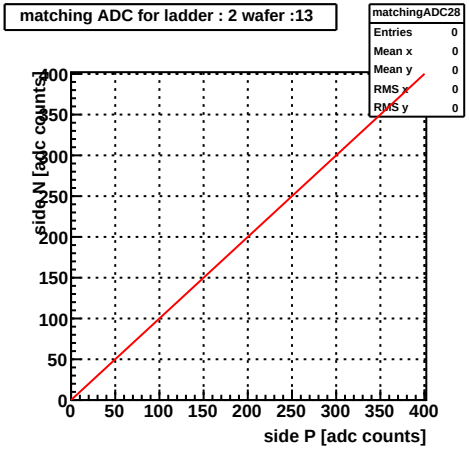

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

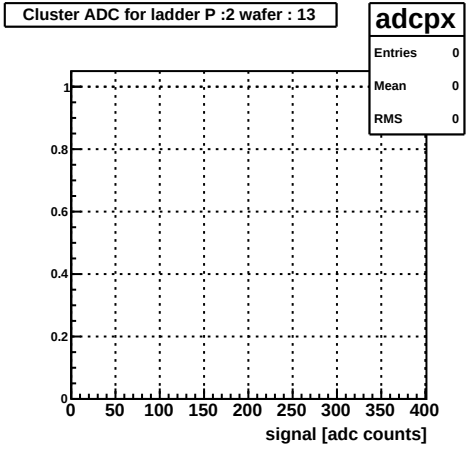

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

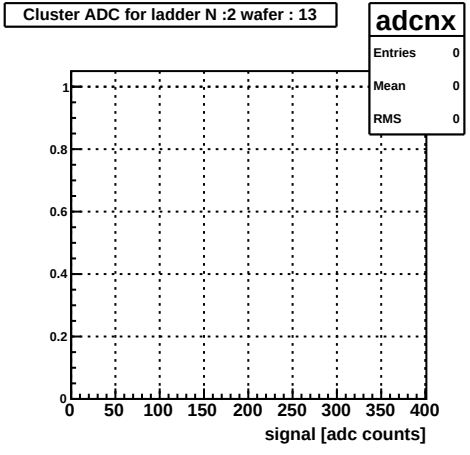

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

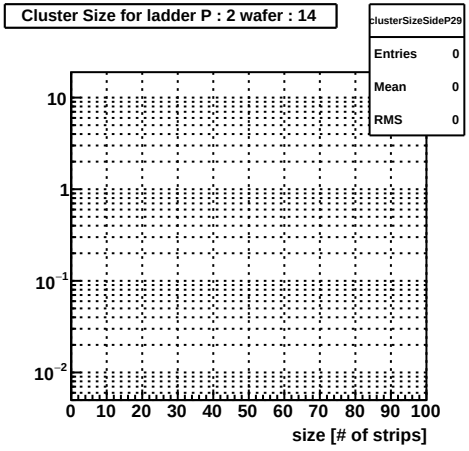

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

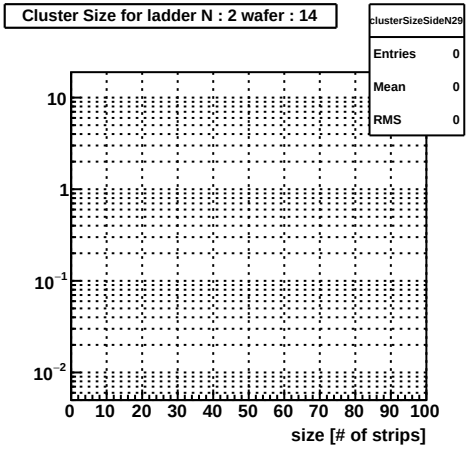

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

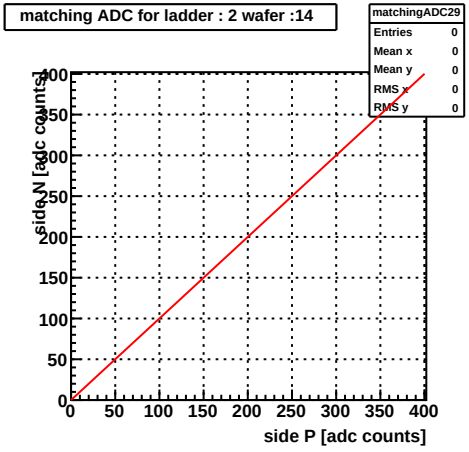

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

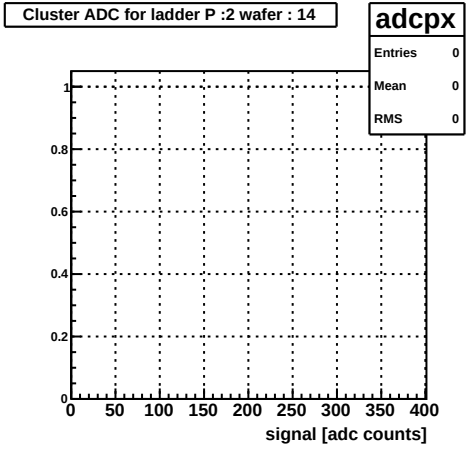

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

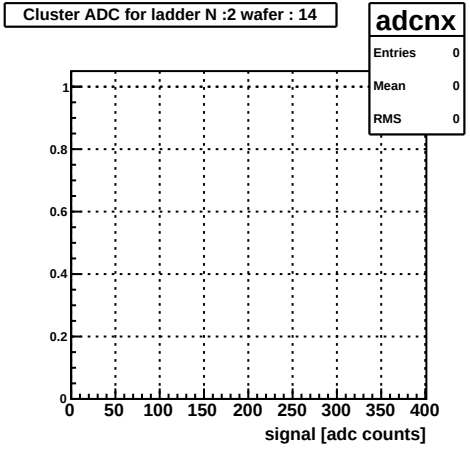

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

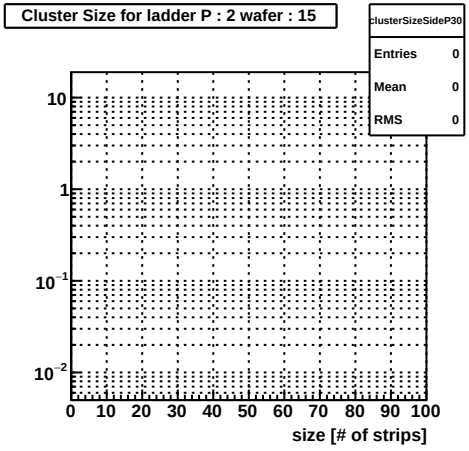

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

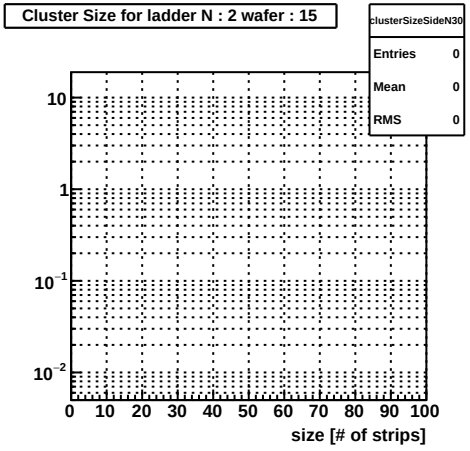

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

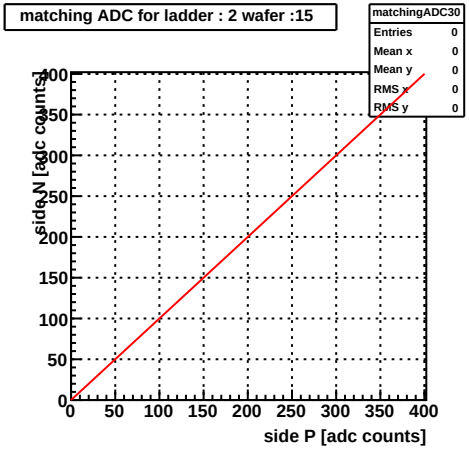

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

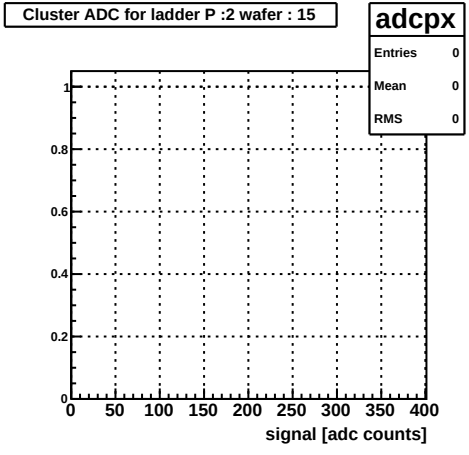

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

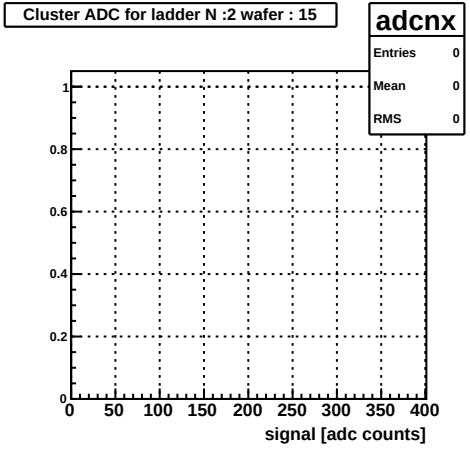

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

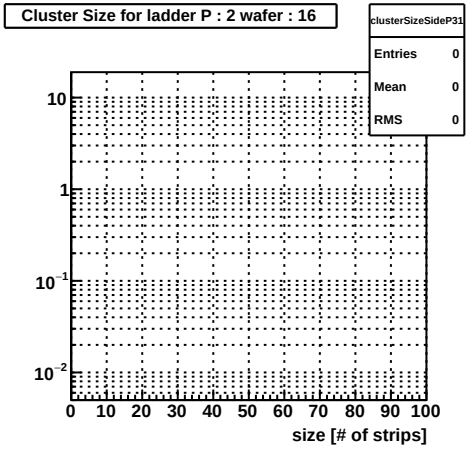

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

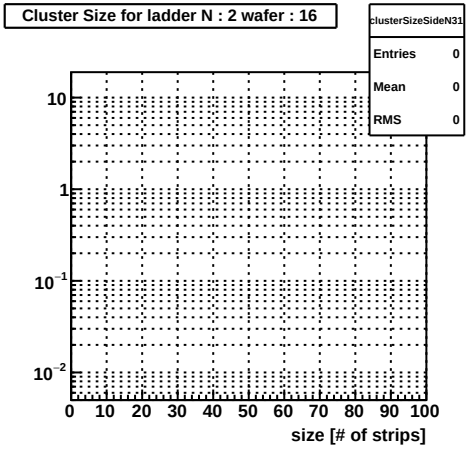

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

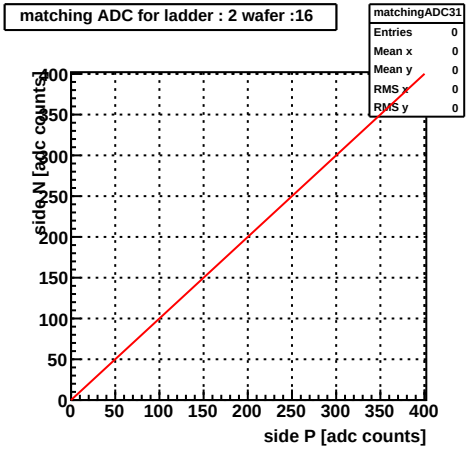

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

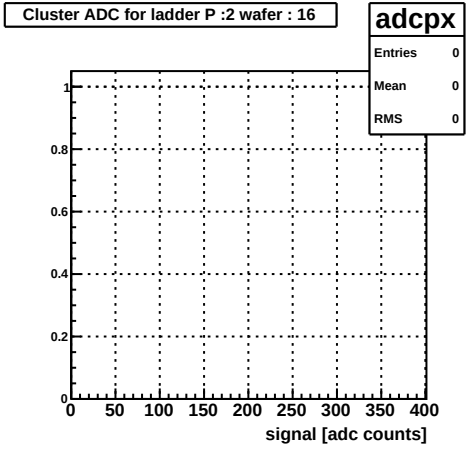

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

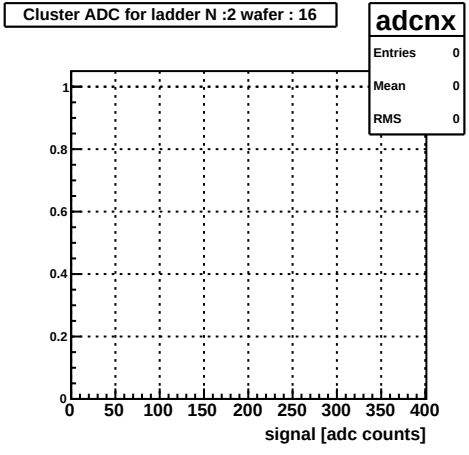

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

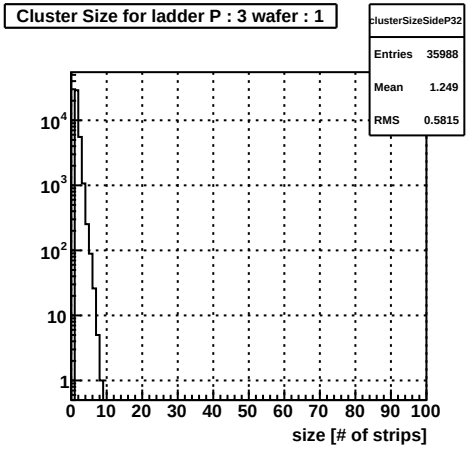

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

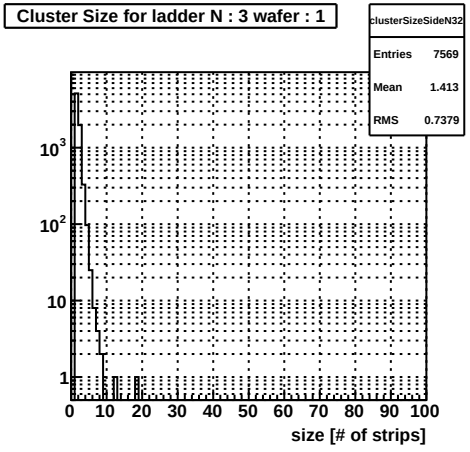

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

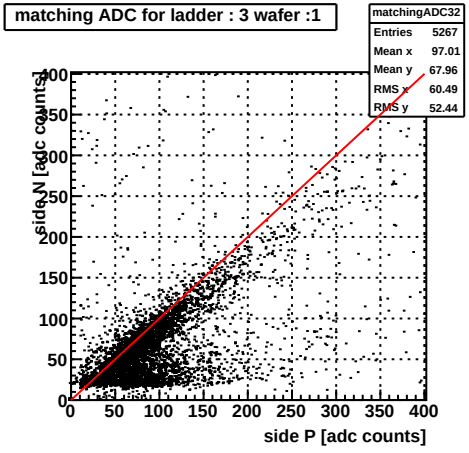

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

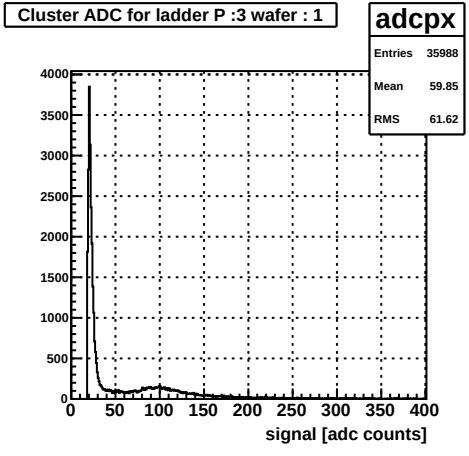

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

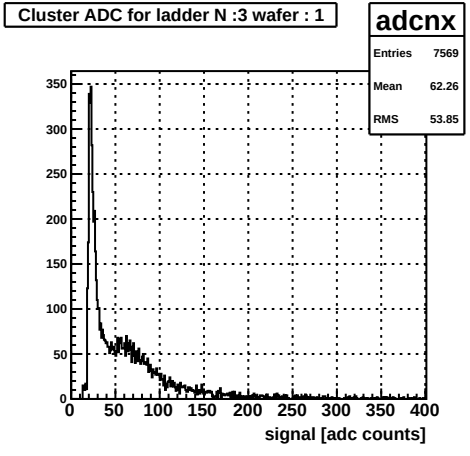

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

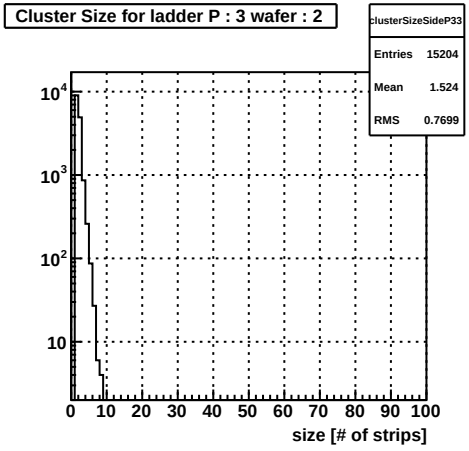

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 35988
Mean 1.249
RMS 0.5815
size [# of strips]

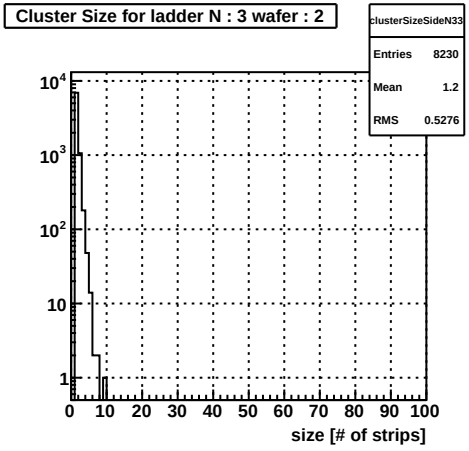

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7569
Mean 1.413
RMS 0.7379
size [# of strips]

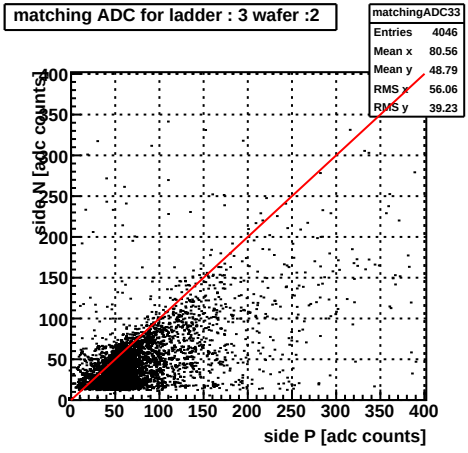

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 5267
Mean x 97.01
Mean y 67.96
RMS x 60.49
RMS y 52.44
side N [adc counts]
side P [adc counts]

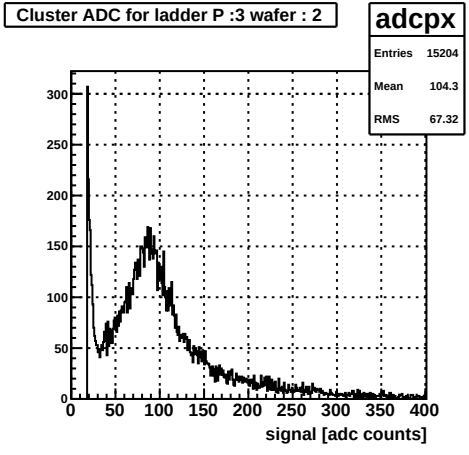

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 35988
Mean 59.85
RMS 61.62
signal [adc counts]

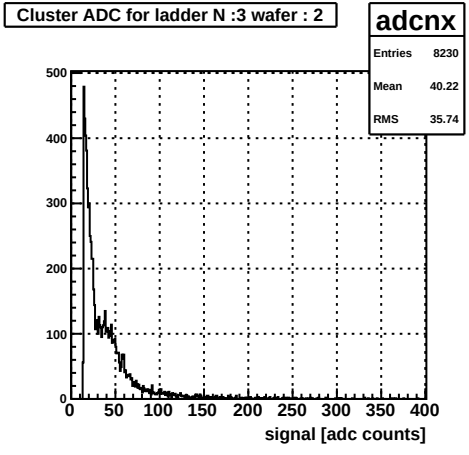

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7569
Mean 62.26
RMS 53.85
signal [adc counts]

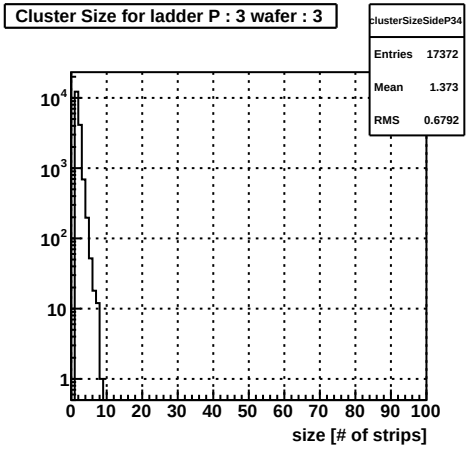

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 15204
Mean 1.524
RMS 0.7699
size [# of strips]

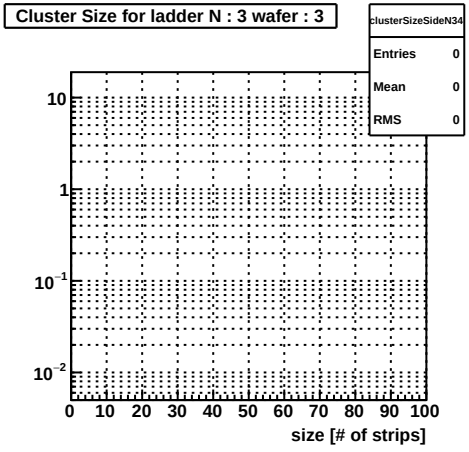

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 8230
Mean 1.2
RMS 0.5276
size [# of strips]

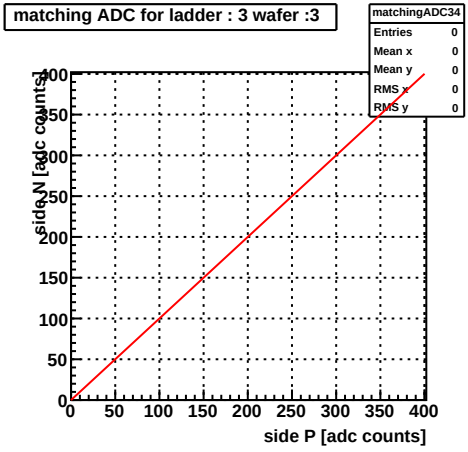

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 4046
Mean x 80.56
Mean y 48.79
RMS x 56.06
RMS y 39.23
side N [adc counts]
side P [adc counts]

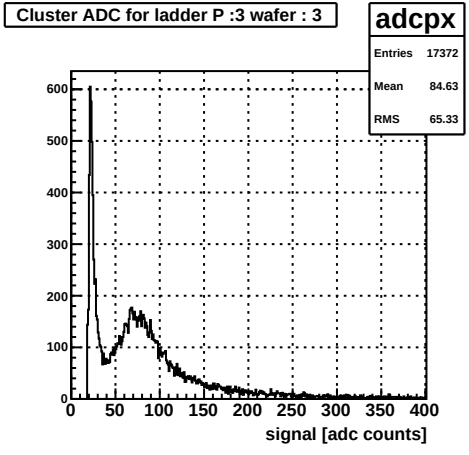

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 15204
Mean 104.3
RMS 67.32
signal [adc counts]

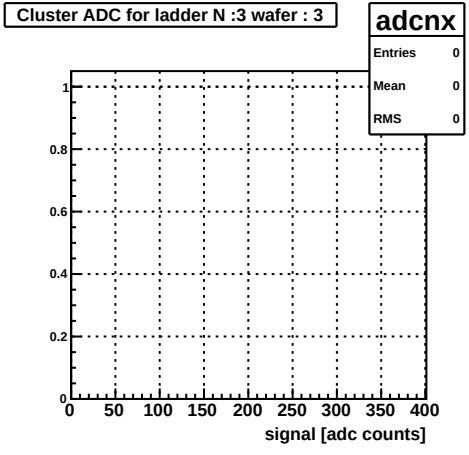

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 8230
Mean 40.22
RMS 35.74
signal [adc counts]

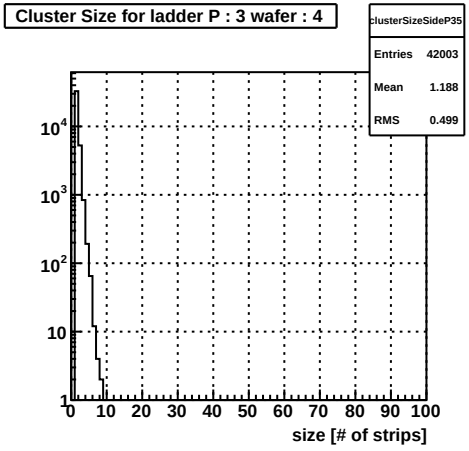

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 17372
Mean 1.373
RMS 0.6792
size [# of strips]

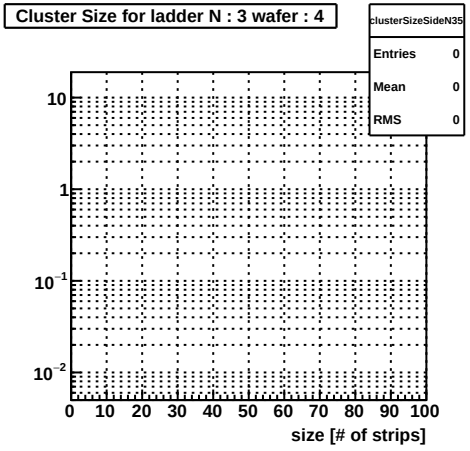

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

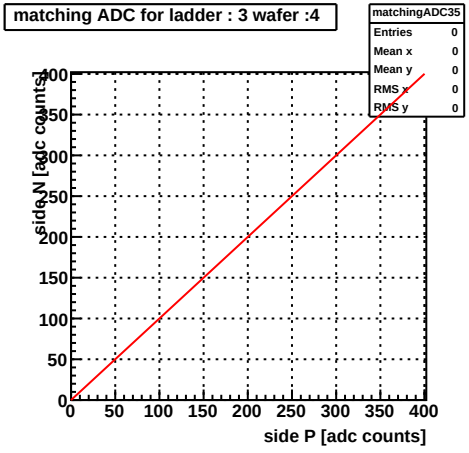

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

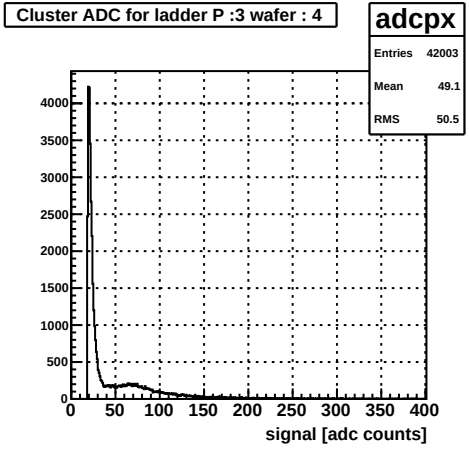

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 17372
Mean 84.63
RMS 65.33
signal [adc counts]

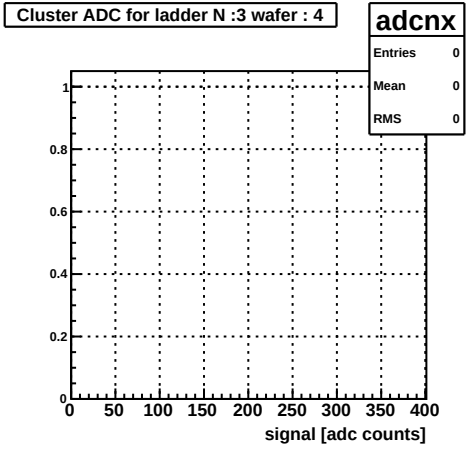

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

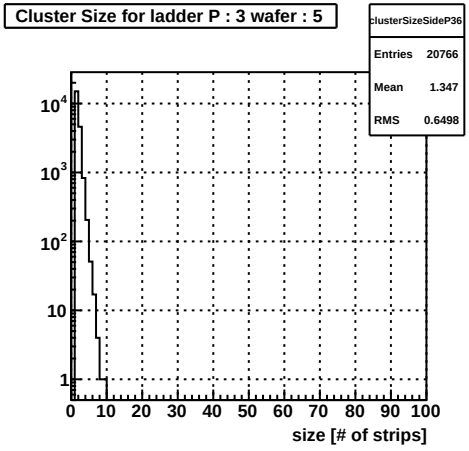

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 42003
Mean 1.188
RMS 0.499
size [# of strips]

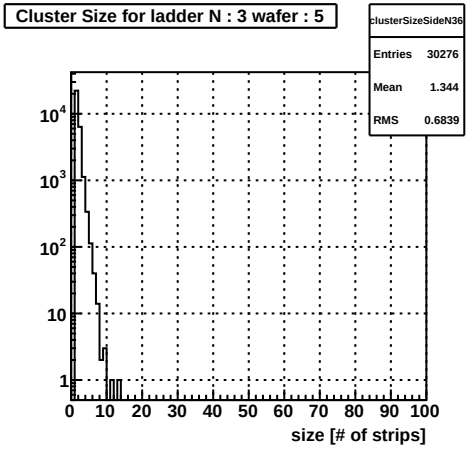

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

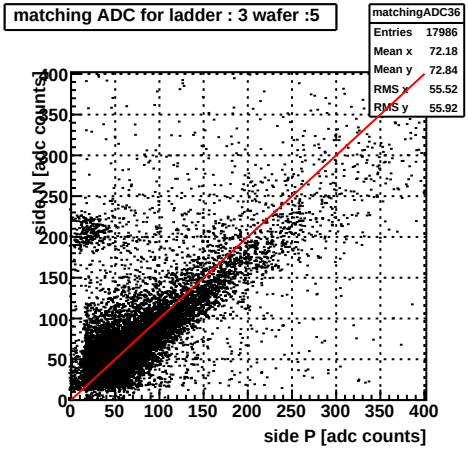

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

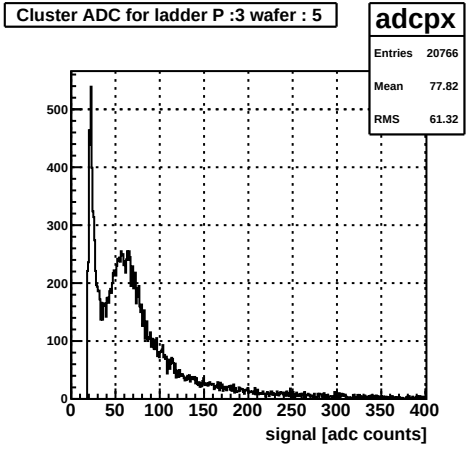

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 42003
Mean 49.1
RMS 50.5
signal [adc counts]

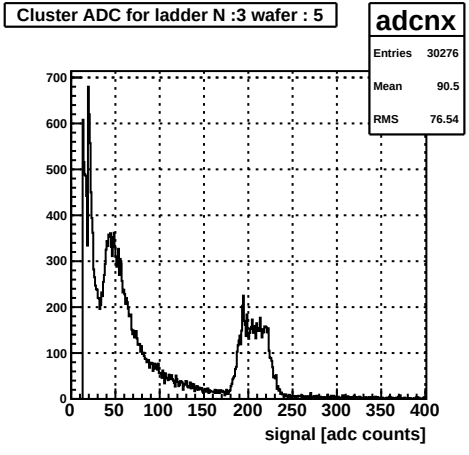

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

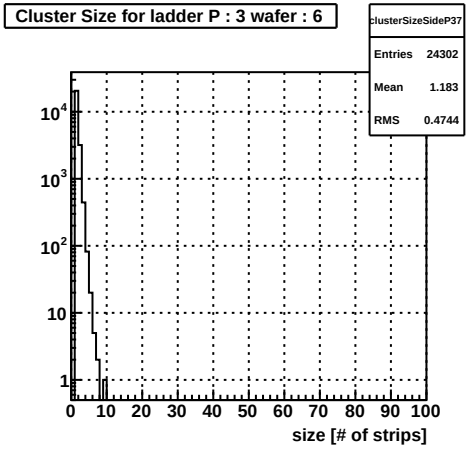

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 20766
Mean 1.347
RMS 0.6498
size [# of strips]

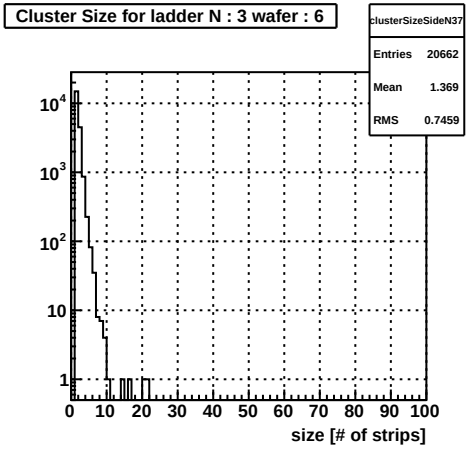

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 30276
Mean 1.344
RMS 0.6839
size [# of strips]

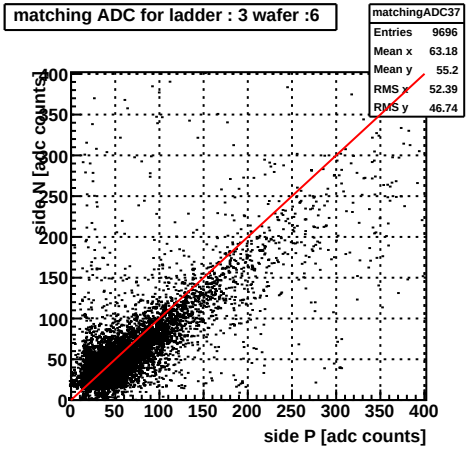

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 17986
Mean x 72.18
Mean y 72.84
RMS x 55.52
RMS y 55.92
side N [adc counts]
side P [adc counts]

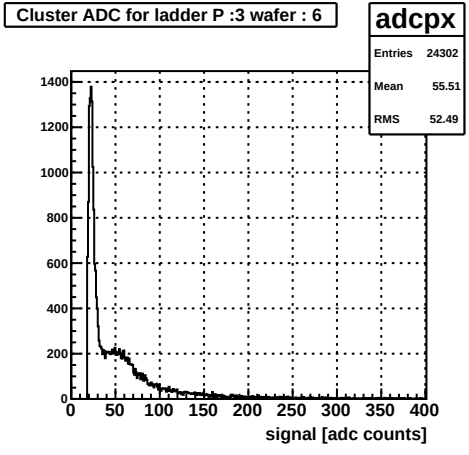

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 20766
Mean 77.82
RMS 61.32
signal [adc counts]

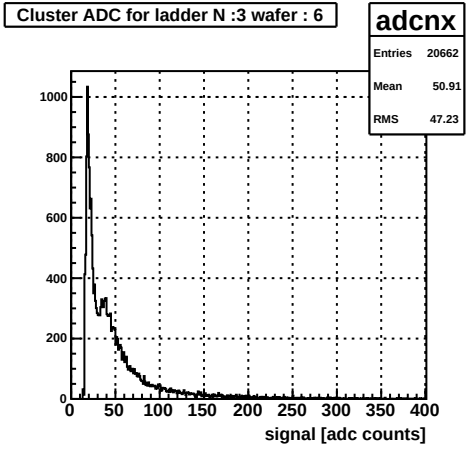

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 30276
Mean 90.5
RMS 76.54
signal [adc counts]

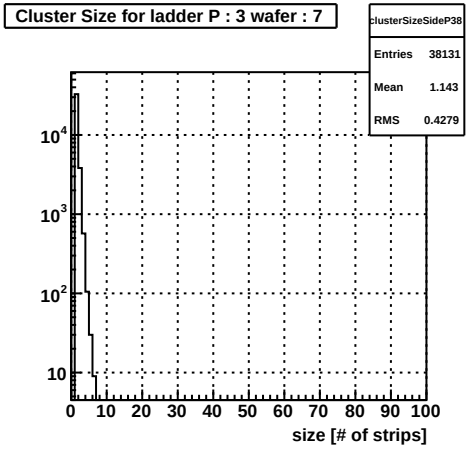

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 24302
Mean 1.183
RMS 0.4744
size [# of strips]

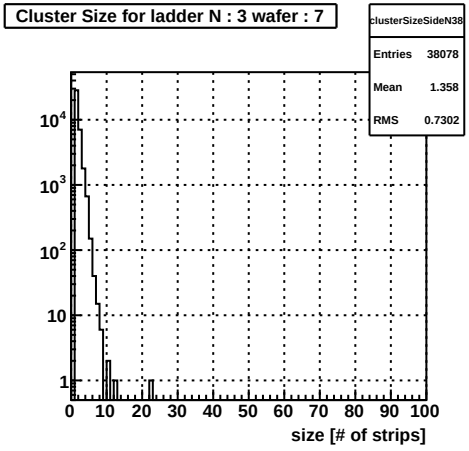

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 20662
Mean 1.369
RMS 0.7459
size [# of strips]

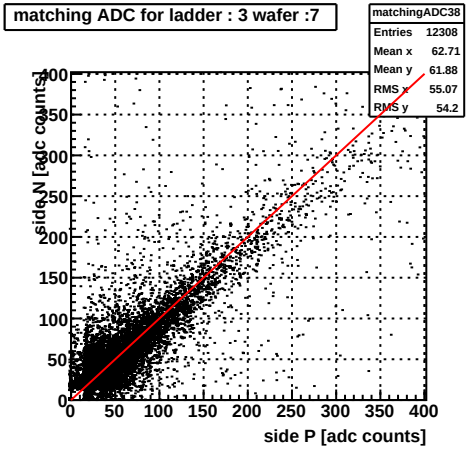

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 9696
Mean x 63.18
Mean y 55.2
RMS x 52.39
RMS y 46.74
side N [adc counts]
side P [adc counts]

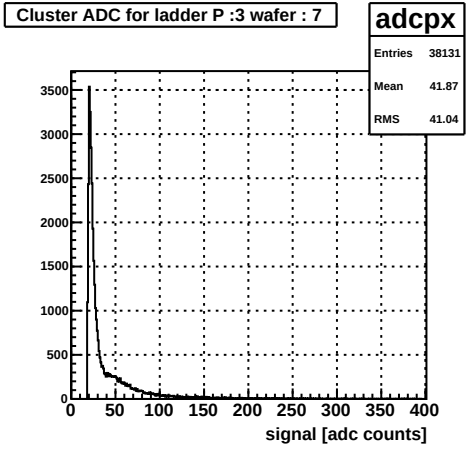

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 24302
Mean 55.51
RMS 52.49
signal [adc counts]

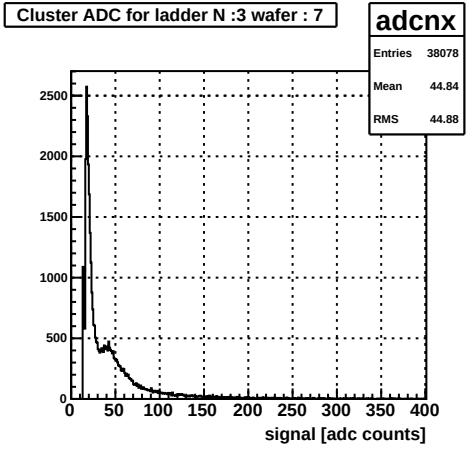

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 20662
Mean 50.91
RMS 47.23
signal [adc counts]

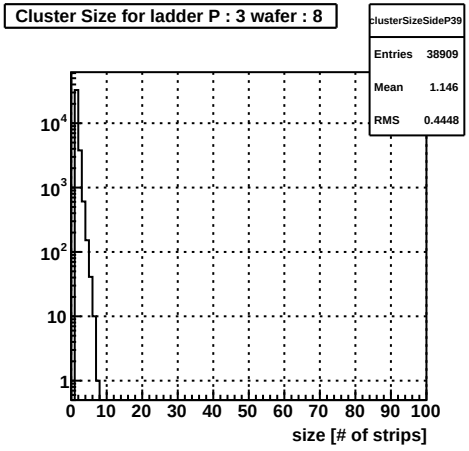

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 38131
Mean 1.143
RMS 0.4279
size [# of strips]

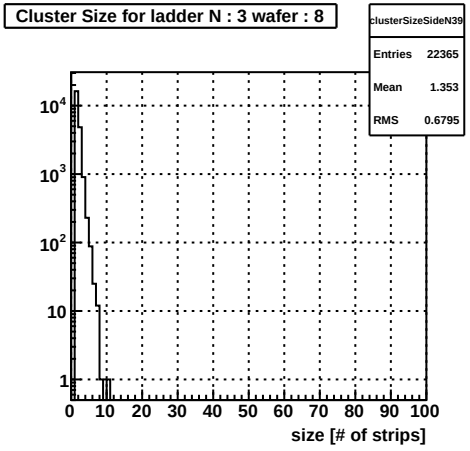

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 38078
Mean 1.358
RMS 0.7302
size [# of strips]

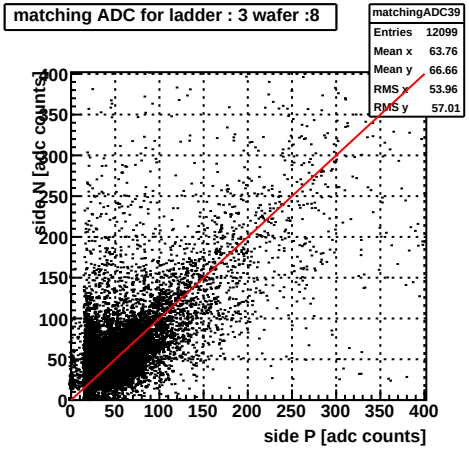

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 12308
Mean x 62.71
Mean y 61.88
RMS x 55.07
RMS y 54.2
side N [adc counts]
side P [adc counts]

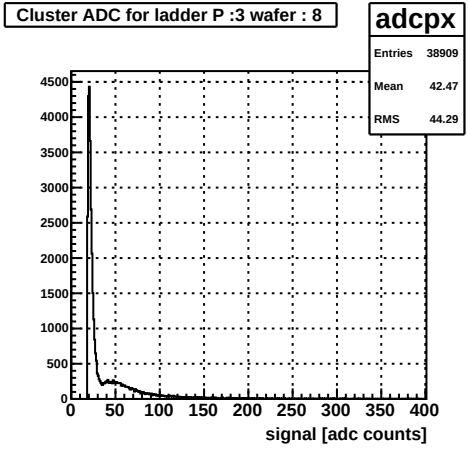

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 38131
Mean 41.87
RMS 41.04
signal [adc counts]

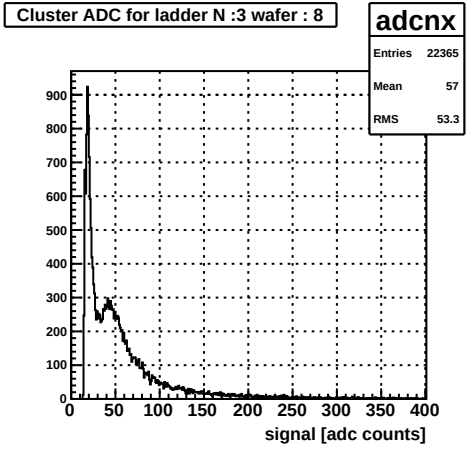

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 38078
Mean 44.84
RMS 44.88
signal [adc counts]

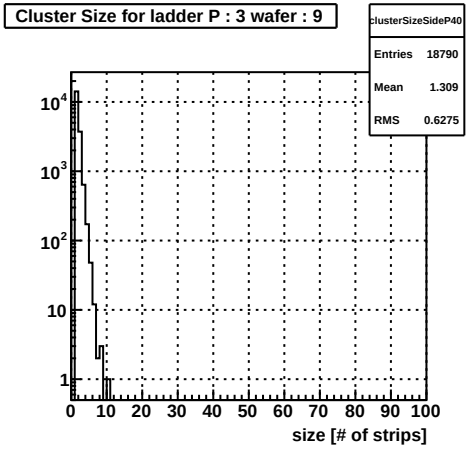

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 38909
Mean 1.146
RMS 0.4448
size [# of strips]

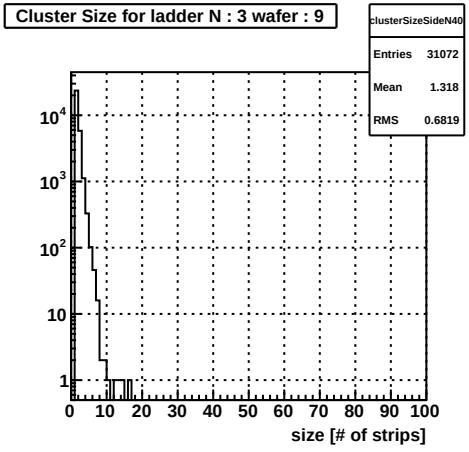

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 22365
Mean 1.353
RMS 0.6795
size [# of strips]

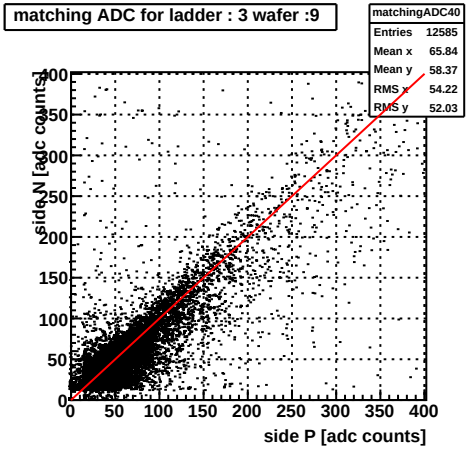

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 12099
Mean x 63.76
Mean y 66.66
RMS x 53.96
RMS y 57.01
side N [adc counts]
side P [adc counts]

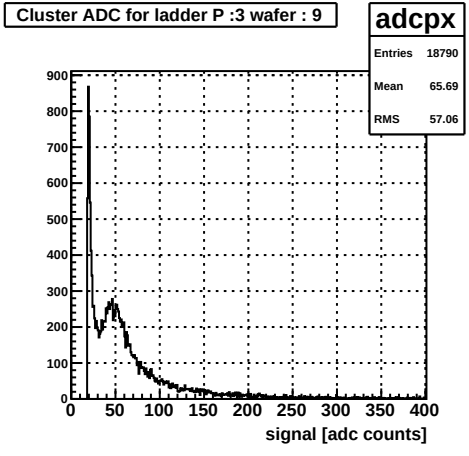

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 38909
Mean 42.47
RMS 44.29
signal [adc counts]

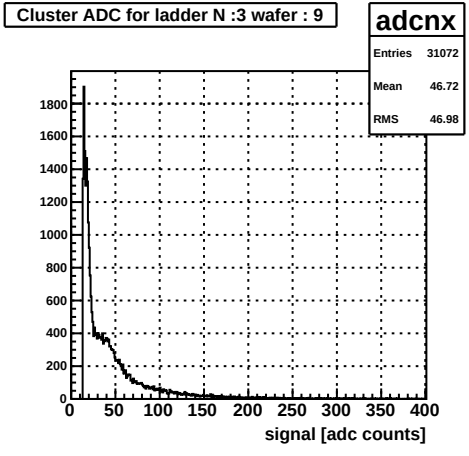

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 22365
Mean 57
RMS 53.3
signal [adc counts]

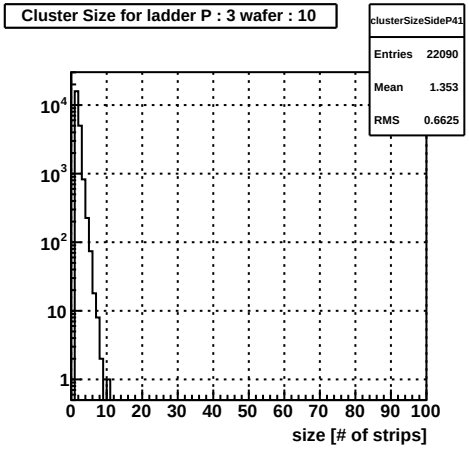

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 18790
Mean 1.309
RMS 0.6275
size [# of strips]

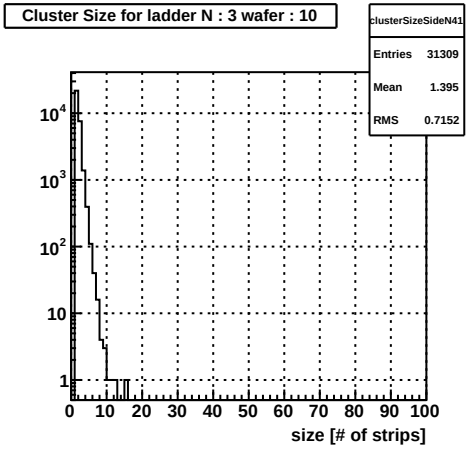

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 31072
Mean 1.318
RMS 0.6819
size [# of strips]

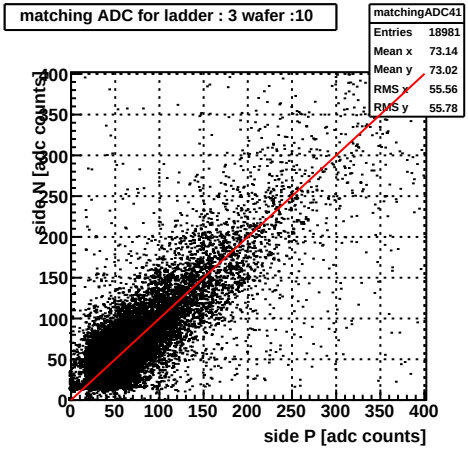

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 12585
Mean x 65.84
Mean y 58.37
RMS x 54.22
RMS y 52.03
side N [adc counts]
side P [adc counts]

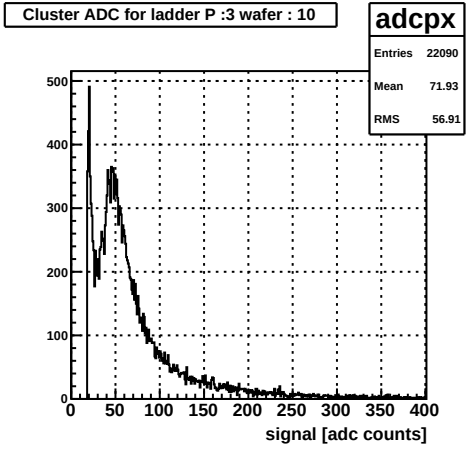

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 18790
Mean 65.69
RMS 57.06
signal [adc counts]

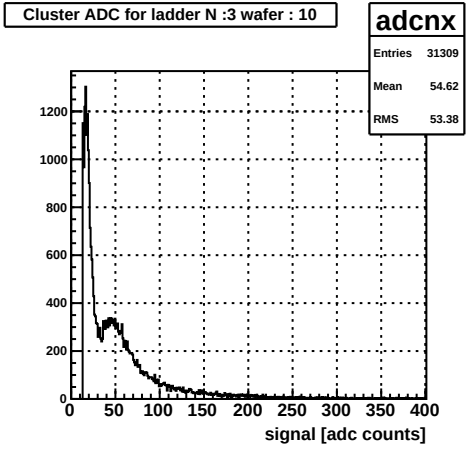

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 31072
Mean 46.72
RMS 46.98
signal [adc counts]

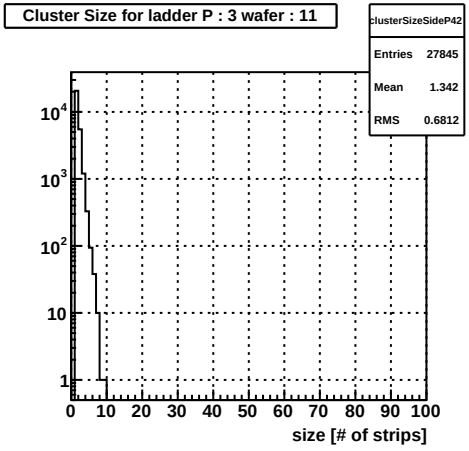

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 22090
Mean 1.353
RMS 0.6625
size [# of strips]

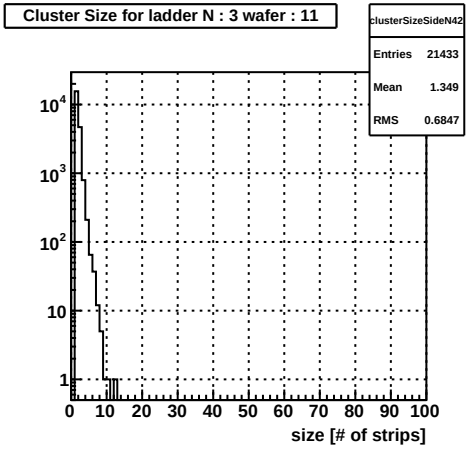

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 31309
Mean 1.395
RMS 0.7152
size [# of strips]

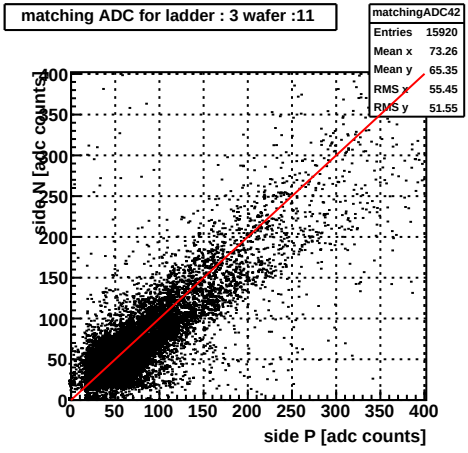

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 18981
Mean x 73.14
Mean y 73.02
RMS x 55.56
RMS y 55.78
side N [adc counts]
side P [adc counts]

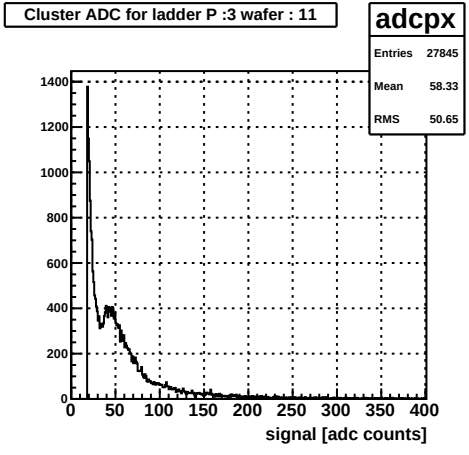

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 22090
Mean 71.93
RMS 56.91
signal [adc counts]

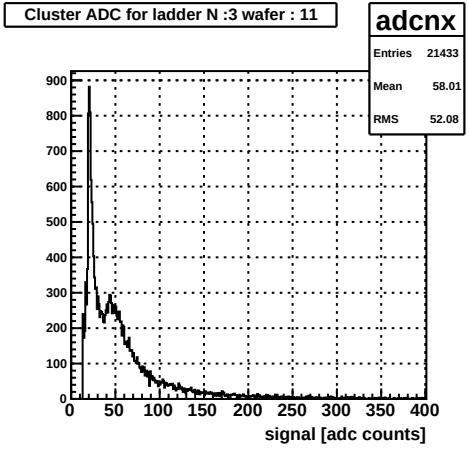

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 31309
Mean 54.62
RMS 53.38
signal [adc counts]

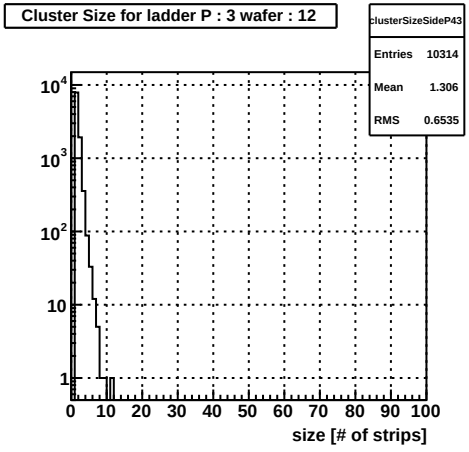

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 27845
Mean 1.342
RMS 0.6812
size [# of strips]

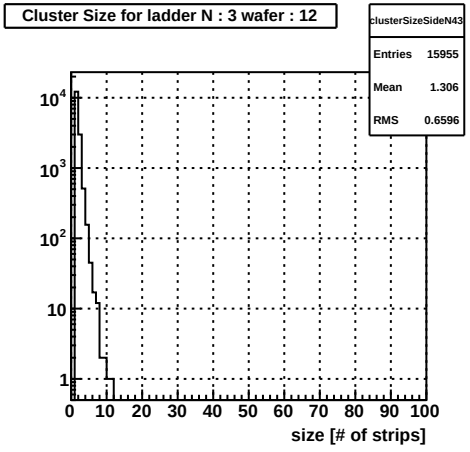

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 21433
Mean 1.349
RMS 0.6847
size [# of strips]

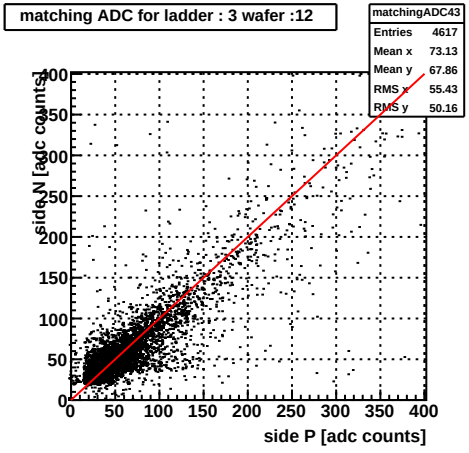

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 15920
Mean x 73.26
Mean y 65.35
RMS x 55.45
RMS y 51.55
side N [adc counts]
side P [adc counts]

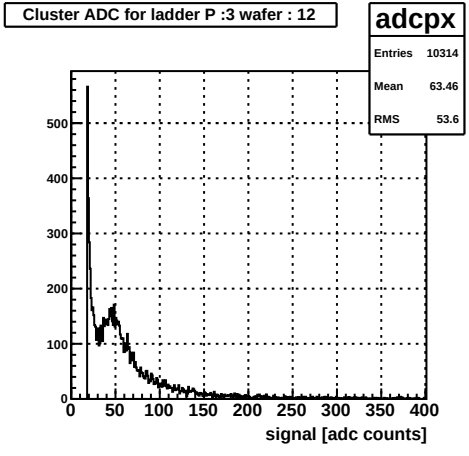

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 27845
Mean 58.33
RMS 50.65
signal [adc counts]

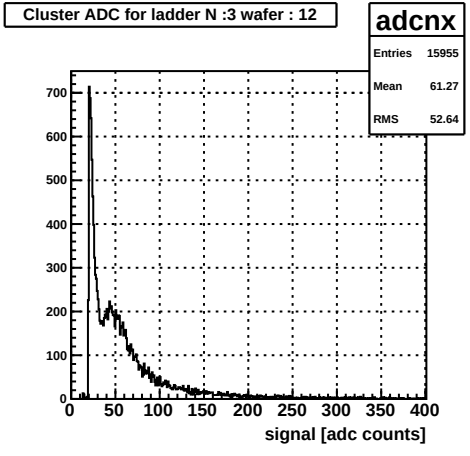

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 21433
Mean 58.01
RMS 52.08
signal [adc counts]

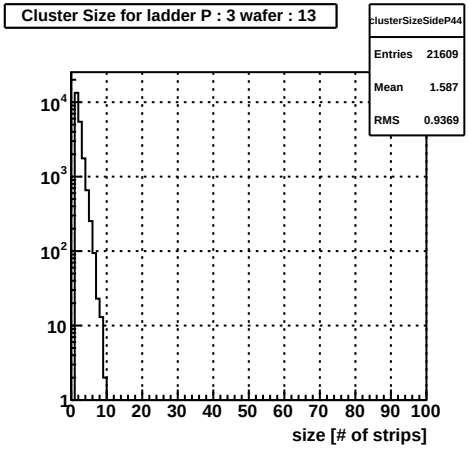

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 10314
Mean 1.306
RMS 0.6535
size [# of strips]

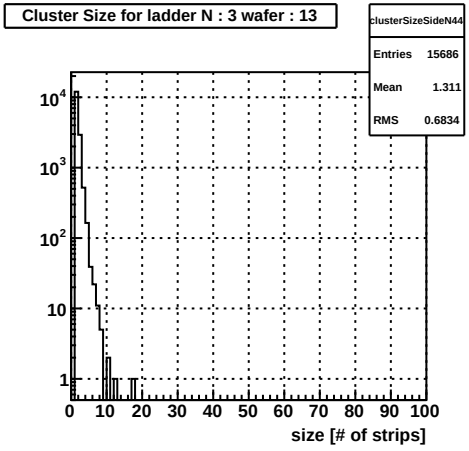

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 15955
Mean 1.306
RMS 0.6596
size [# of strips]

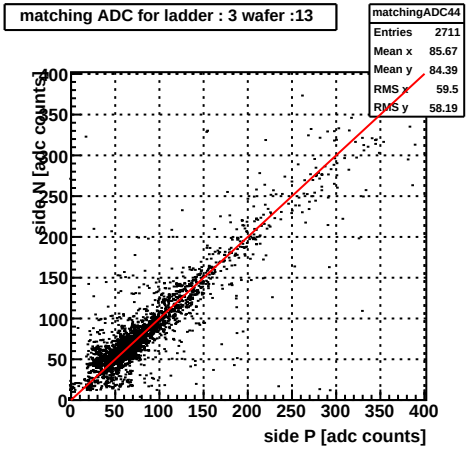

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4617
Mean x 73.13
Mean y 67.86
RMS x 55.43
RMS y 50.16
side N [adc counts]
side P [adc counts]

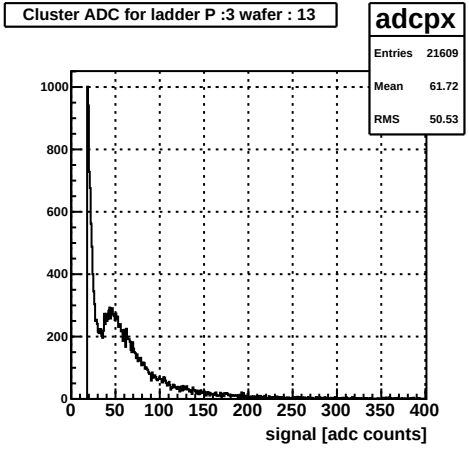

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 10314
Mean 63.46
RMS 53.6
signal [adc counts]

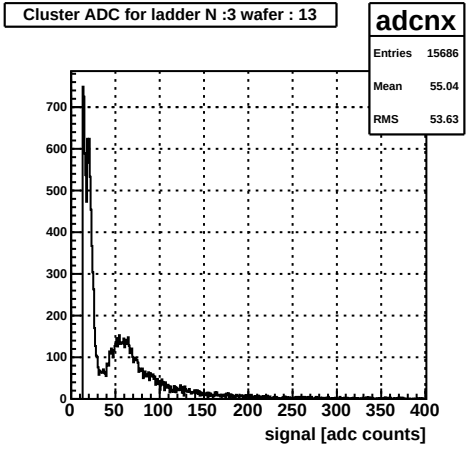

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 15955
Mean 61.27
RMS 52.64
signal [adc counts]

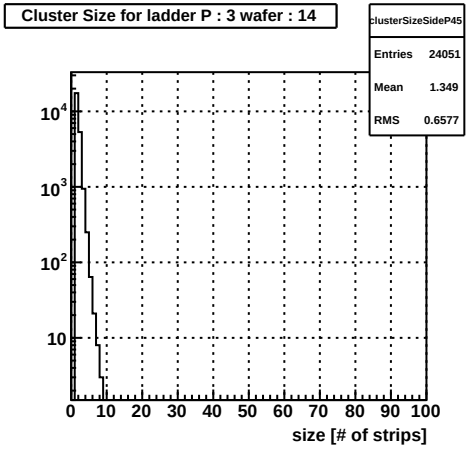

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 21609
Mean 1.587
RMS 0.9369
size [# of strips]

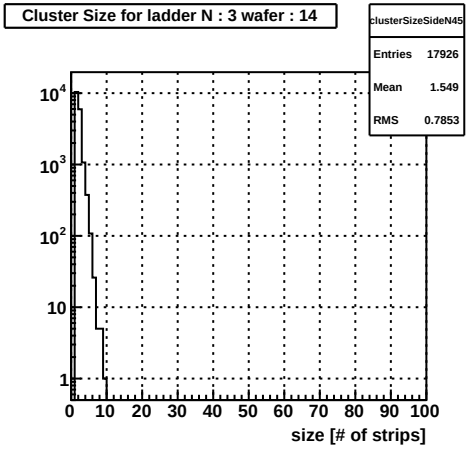

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 15686
Mean 1.311
RMS 0.6834
size [# of strips]

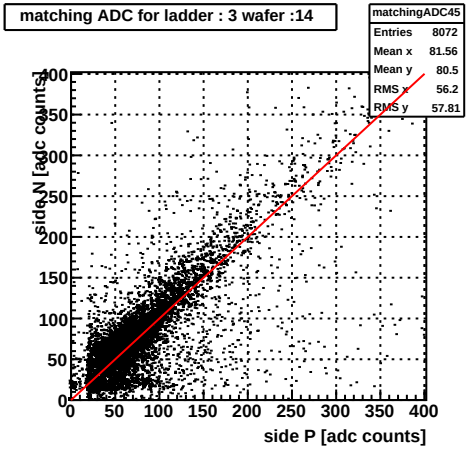

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2711
Mean x 85.67
Mean y 84.39
RMS x 59.5
RMS y 58.19
side N [adc counts]
side P [adc counts]

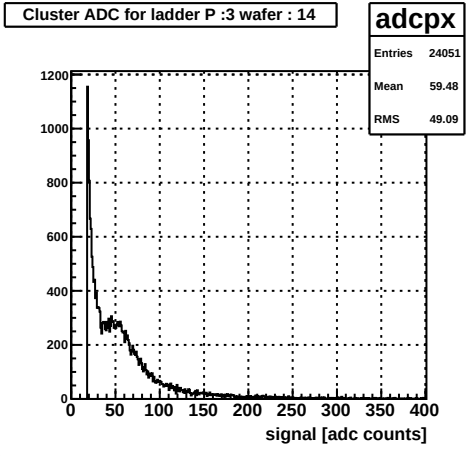

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 21609
Mean 61.72
RMS 50.53
signal [adc counts]

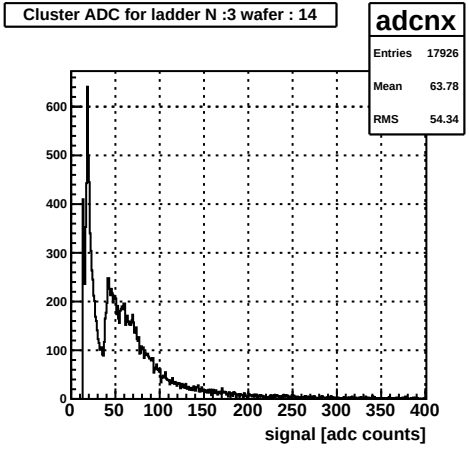

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 15686
Mean 55.04
RMS 53.63
signal [adc counts]

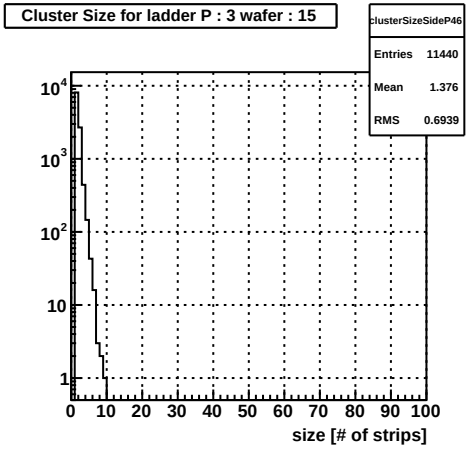

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 24051
Mean 1.349
RMS 0.6577
size [# of strips]

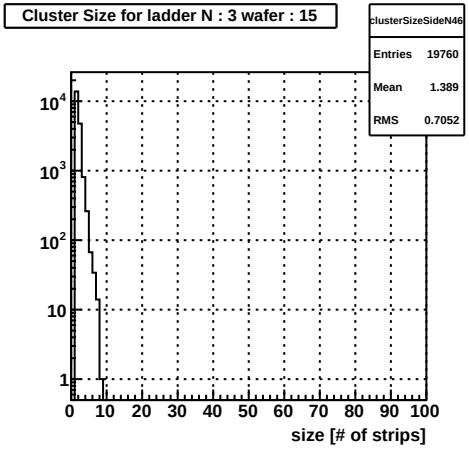

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 17926
Mean 1.549
RMS 0.7853
size [# of strips]

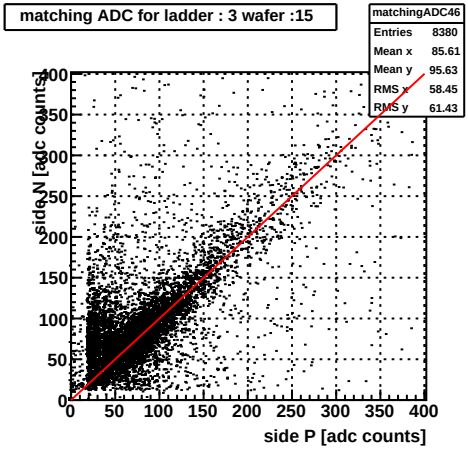

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 8072
Mean x 81.56
Mean y 80.5
RMS x 56.2
RMS y 57.81
side N [adc counts]
side P [adc counts]

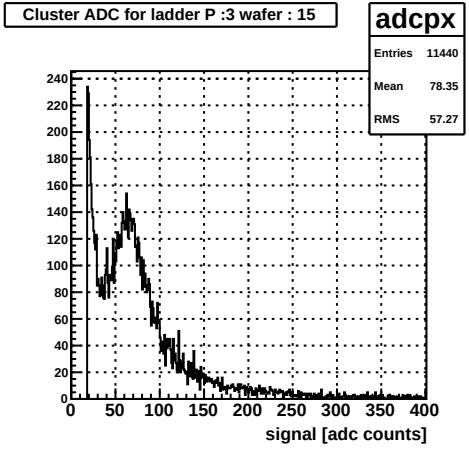

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 24051
Mean 59.48
RMS 49.09
signal [adc counts]

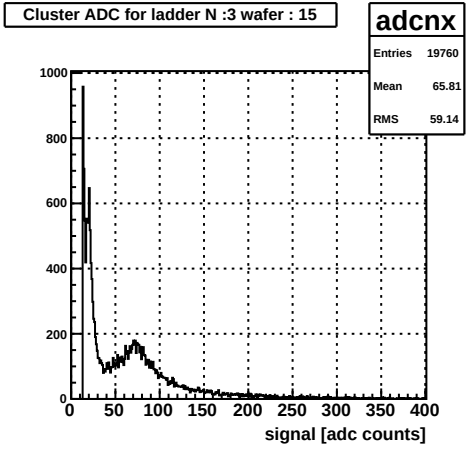

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 17926
Mean 63.78
RMS 54.34
signal [adc counts]

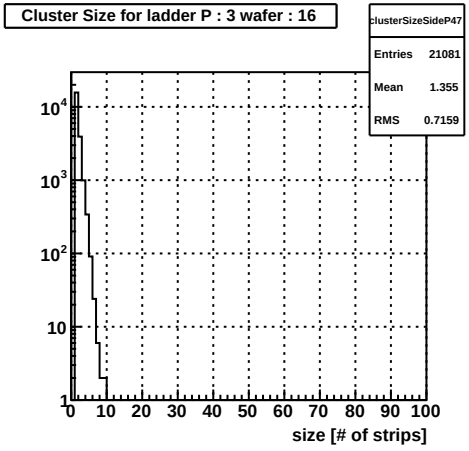

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 11440
Mean 1.376
RMS 0.6939
size [# of strips]

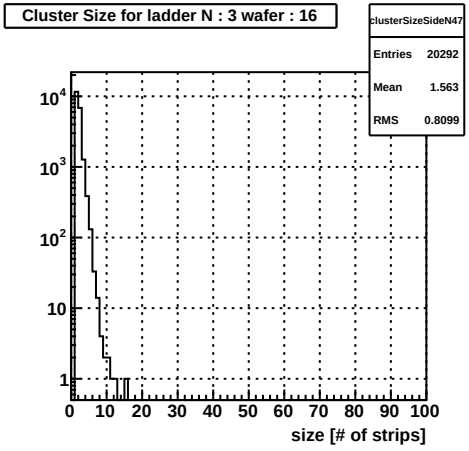

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 19760
Mean 1.389
RMS 0.7052
size [# of strips]

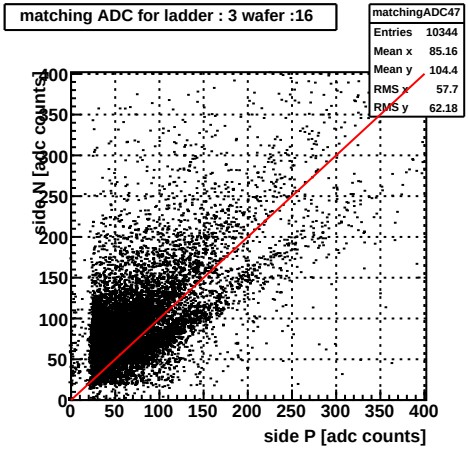

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 8380
Mean x 85.61
Mean y 95.63
RMS x 58.45
RMS y 61.43
side N [adc counts]
side P [adc counts]

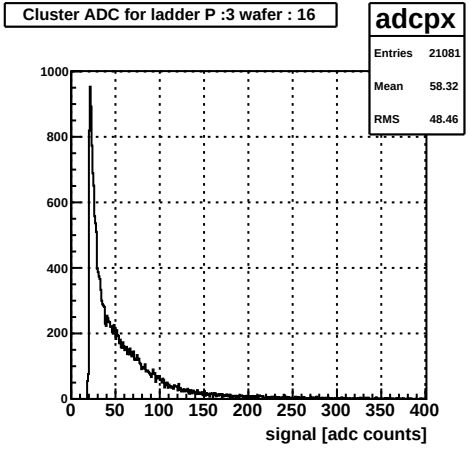

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 11440
Mean 78.35
RMS 57.27
signal [adc counts]

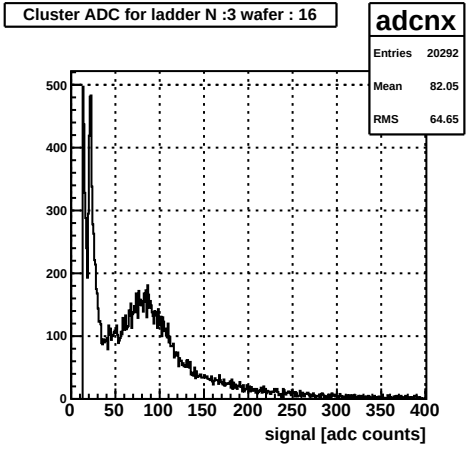

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 19760
Mean 65.81
RMS 59.14
signal [adc counts]

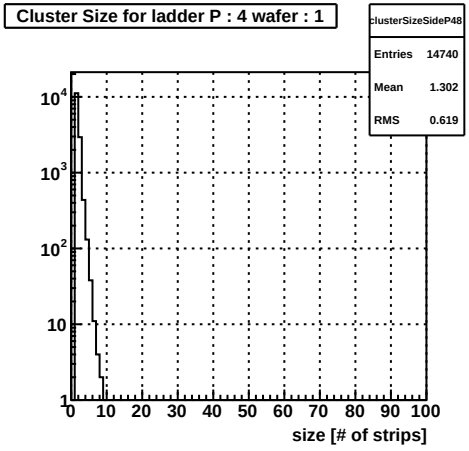

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 21081
Mean 1.355
RMS 0.7159
size [# of strips]

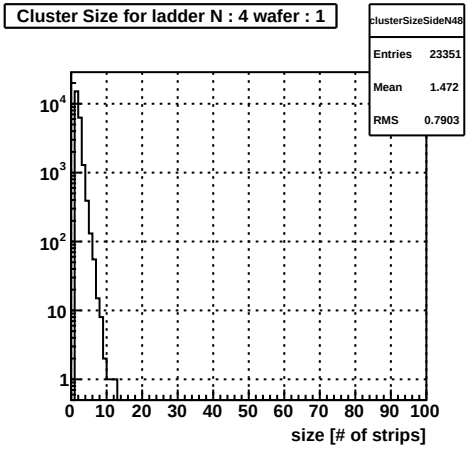

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 20292
Mean 1.563
RMS 0.8099
size [# of strips]

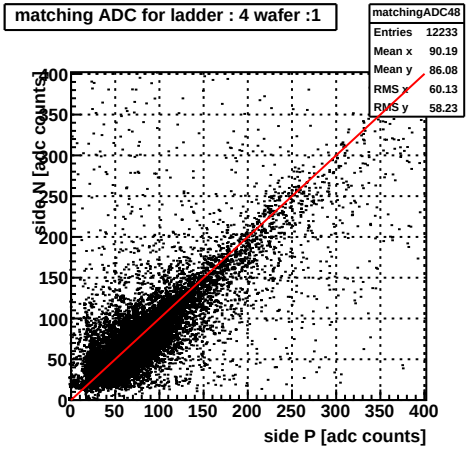

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 10344
Mean x 85.16
Mean y 104.4
RMS x 57.7
RMS y 62.18
side N [adc counts]
side P [adc counts]

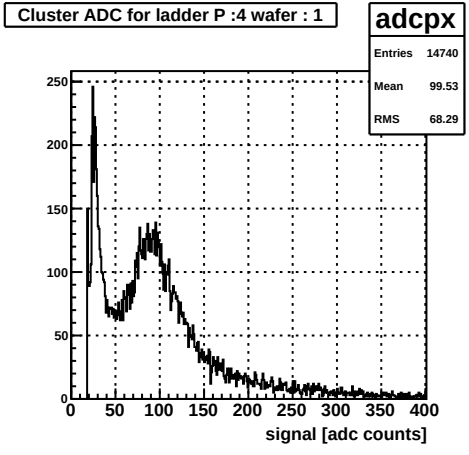

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 21081
Mean 58.32
RMS 48.46
signal [adc counts]

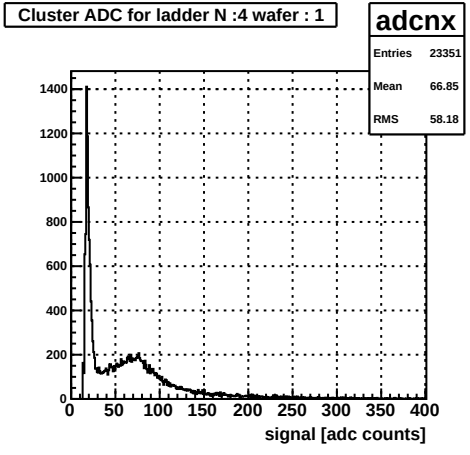

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 20292
Mean 82.05
RMS 64.65
signal [adc counts]

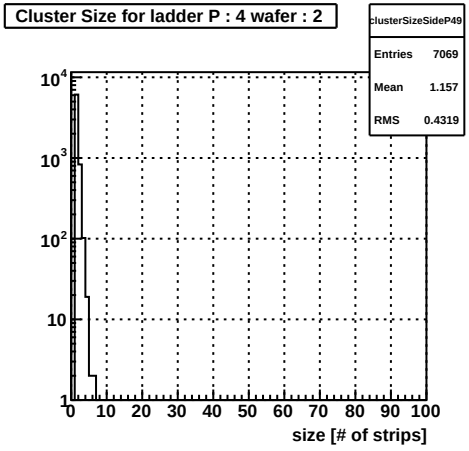

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 14740
Mean 1.302
RMS 0.619
size [# of strips]

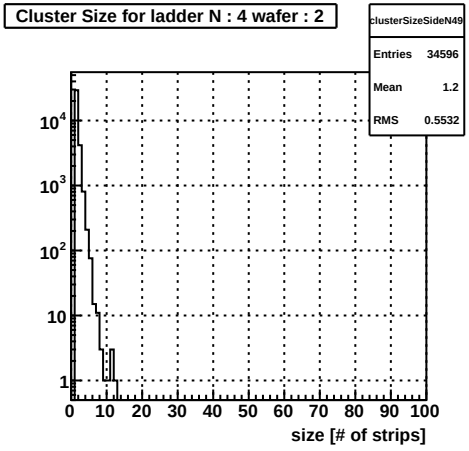

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 23351
Mean 1.472
RMS 0.7903
size [# of strips]

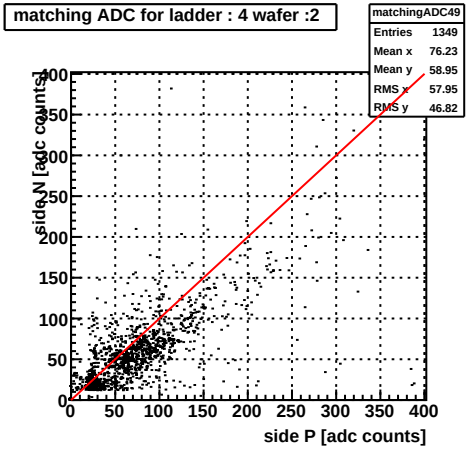

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 12233
Mean x 90.19
Mean y 86.08
RMS x 60.13
RMS y 58.23
side N [adc counts]
side P [adc counts]

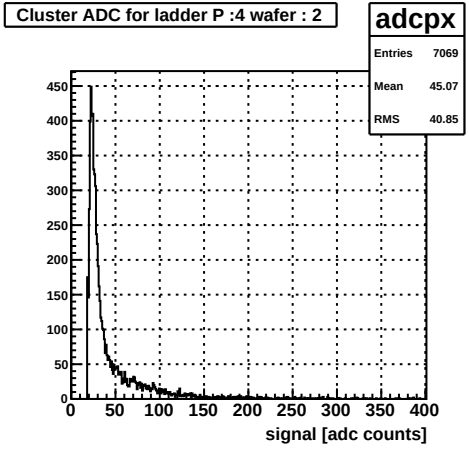

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 14740
Mean 99.53
RMS 68.29
signal [adc counts]

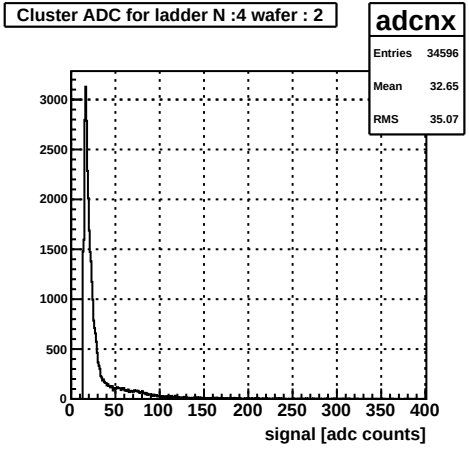

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 23351
Mean 66.85
RMS 58.18
signal [adc counts]

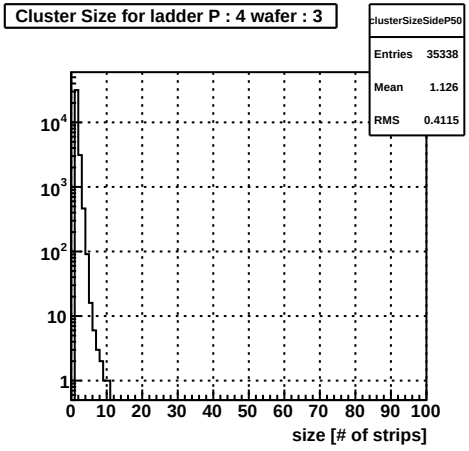

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7069
Mean 1.157
RMS 0.4319
size [# of strips]

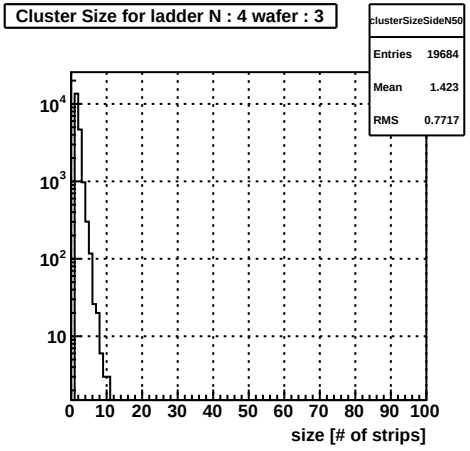

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 34596
Mean 1.2
RMS 0.5532
size [# of strips]

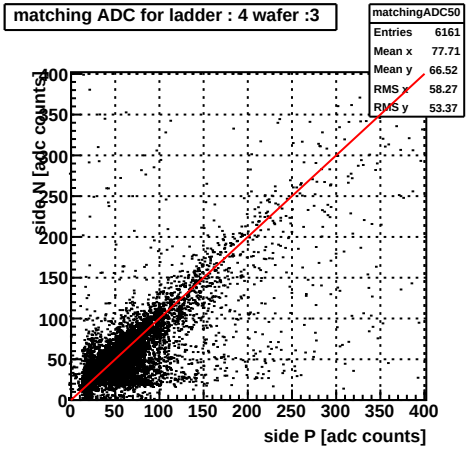

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1349
Mean x 76.23
Mean y 58.95
RMS x 57.95
RMS y 46.82
side N [adc counts]
side P [adc counts]

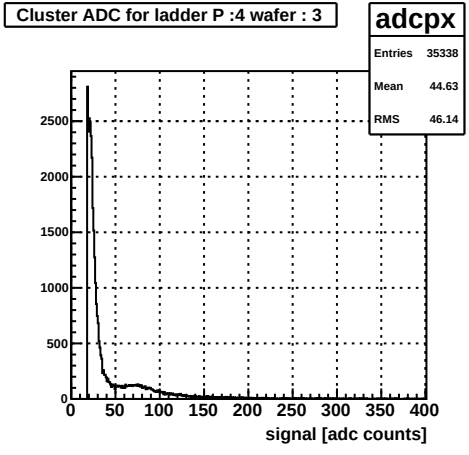

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7069
Mean 45.07
RMS 40.85
signal [adc counts]

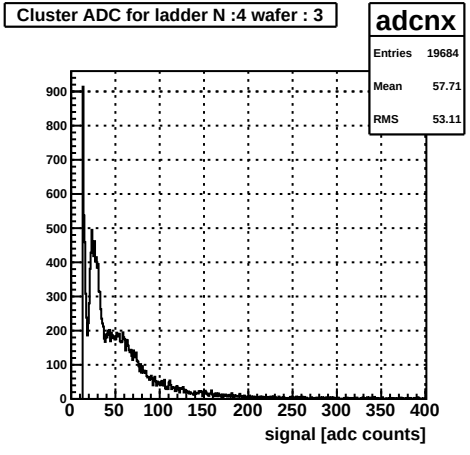

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 34596
Mean 32.65
RMS 35.07
signal [adc counts]

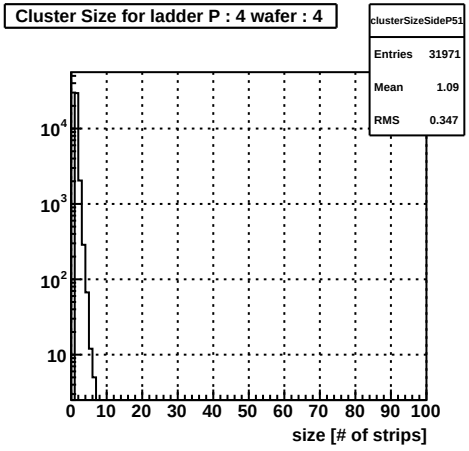

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 35338
Mean 1.126
RMS 0.4115
size [# of strips]

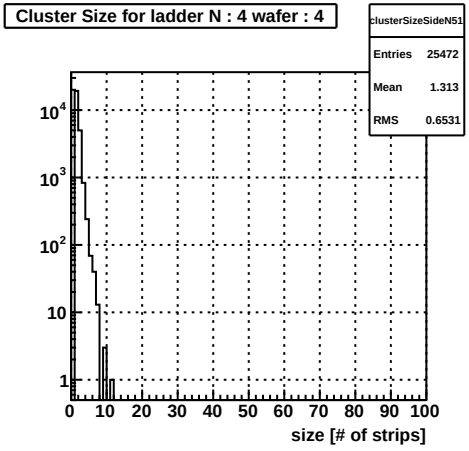

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 19684
Mean 1.423
RMS 0.7717
size [# of strips]

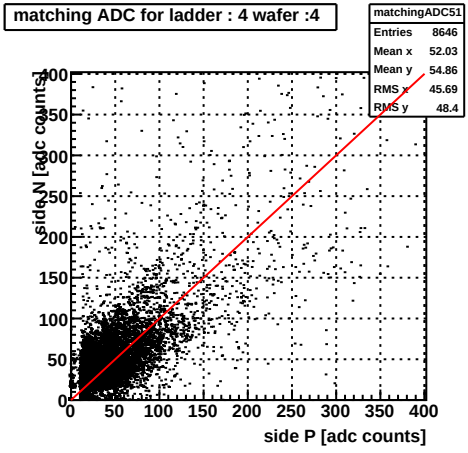

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 6161
Mean x 77.71
Mean y 66.52
RMS x 58.27
RMS y 53.37
side N [adc counts]
side P [adc counts]

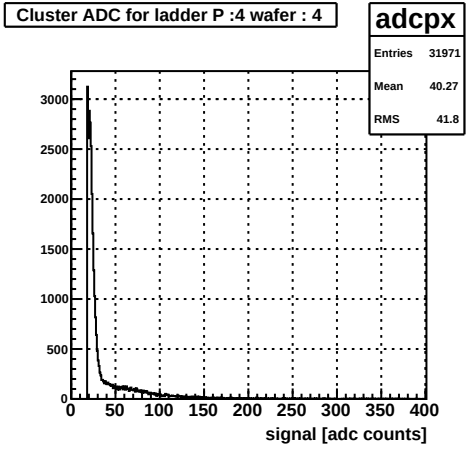

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 35338
Mean 44.63
RMS 46.14
signal [adc counts]

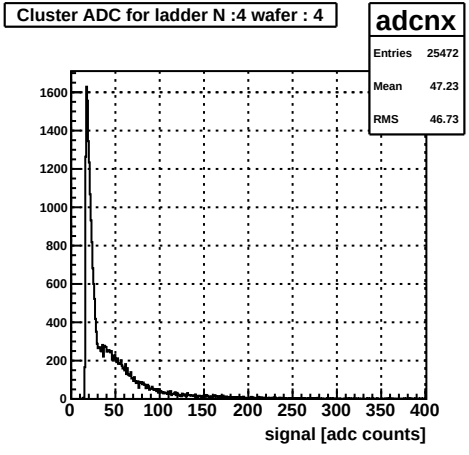

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 19684
Mean 57.71
RMS 53.11
signal [adc counts]

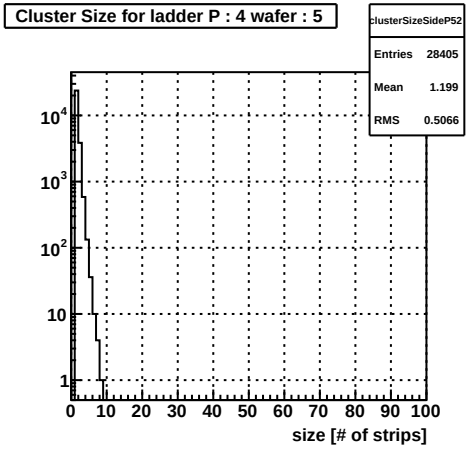

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 31971
Mean 1.09
RMS 0.347
size [# of strips]

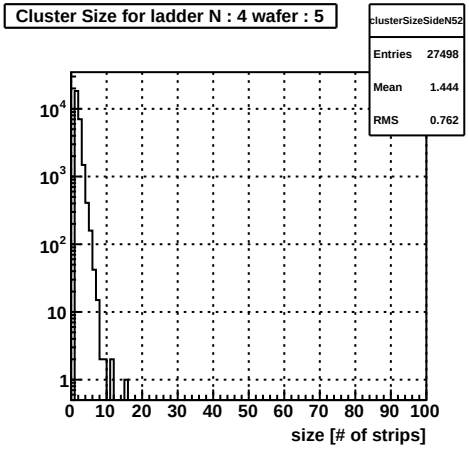

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 25472
Mean 1.313
RMS 0.6531
size [# of strips]

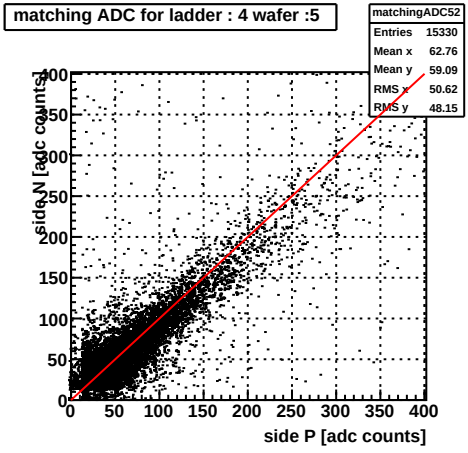

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 8646
Mean x 52.03
Mean y 54.86
RMS x 45.69
RMS y 48.4
side N [adc counts]
side P [adc counts]

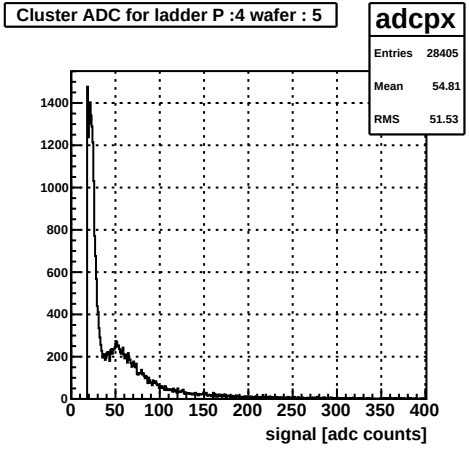

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 31971
Mean 40.27
RMS 41.8
signal [adc counts]

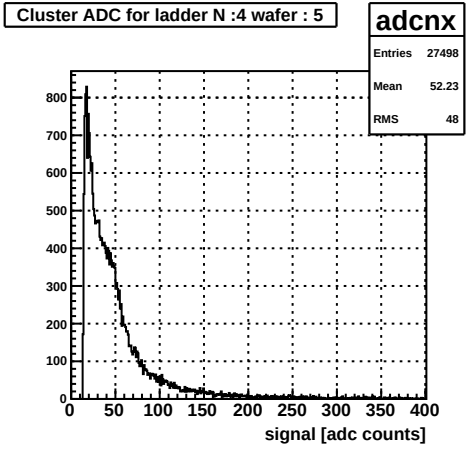

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 25472
Mean 47.23
RMS 46.73
signal [adc counts]

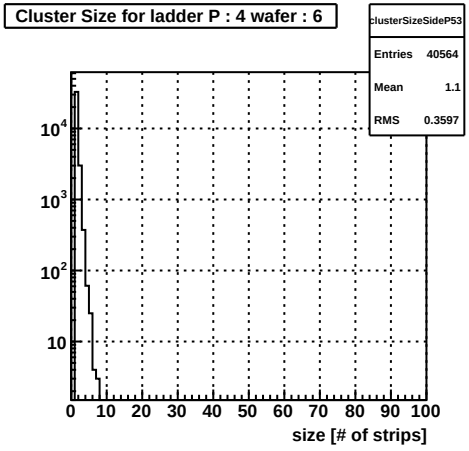

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 28405
Mean 1.199
RMS 0.5066
size [# of strips]

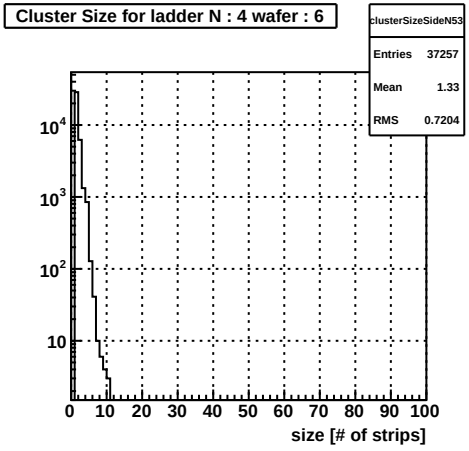

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 27498
Mean 1.444
RMS 0.762
size [# of strips]

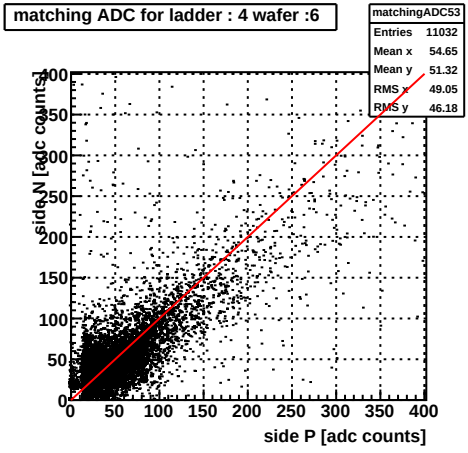

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 15330
Mean x 62.76
Mean y 59.09
RMS x 50.62
RMS y 48.15
side N [adc counts]
side P [adc counts]

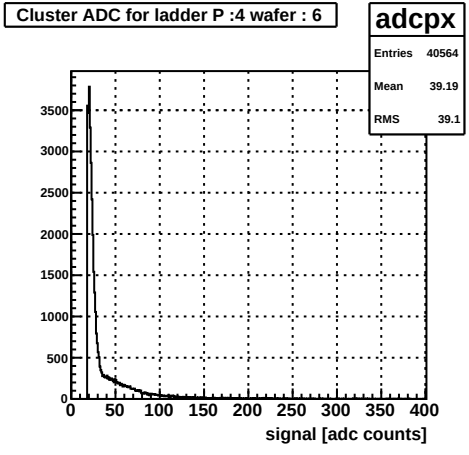

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 28405
Mean 54.81
RMS 51.53
signal [adc counts]

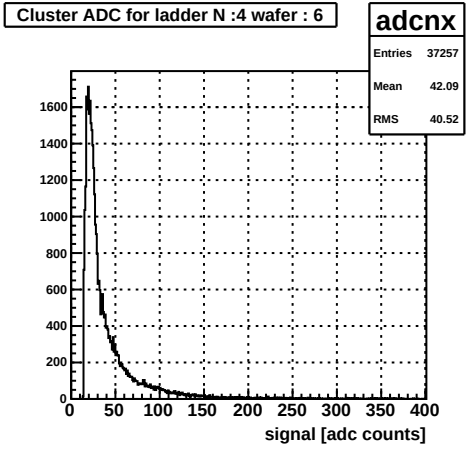

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 27498
Mean 52.23
RMS 48
signal [adc counts]

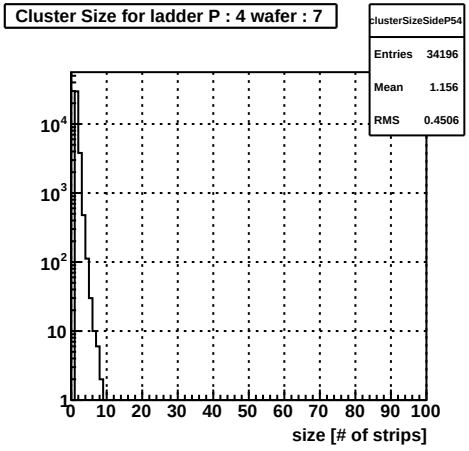

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 40564
Mean 1.1
RMS 0.3597
size [# of strips]

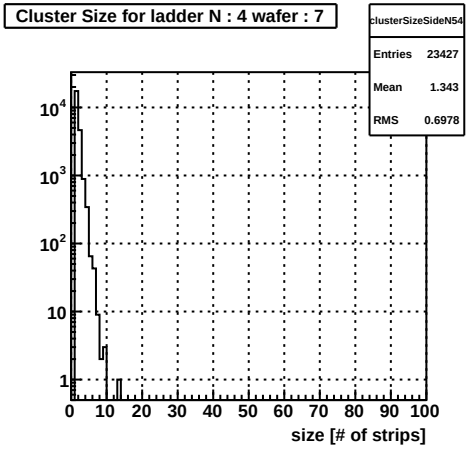

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 37257
Mean 1.33
RMS 0.7204
size [# of strips]

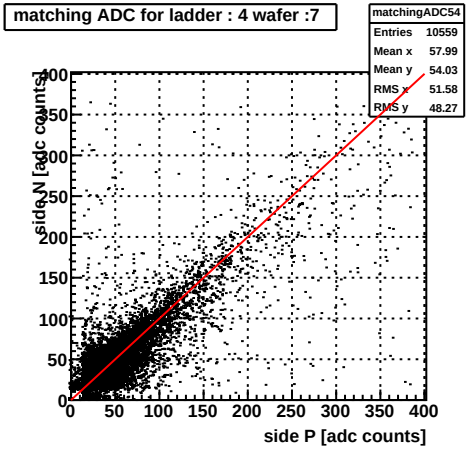

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 11032
Mean x 54.65
Mean y 51.32
RMS x 49.05
RMS y 46.18
side N [adc counts]
side P [adc counts]

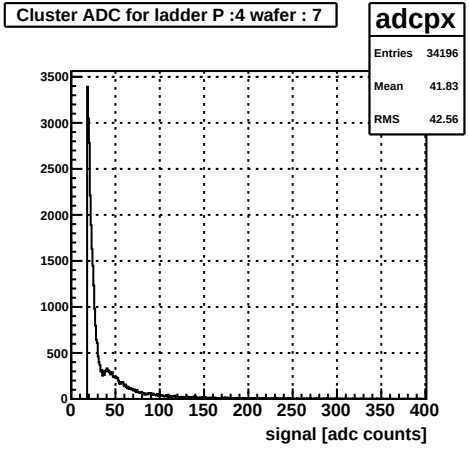

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 40564
Mean 39.19
RMS 39.1
signal [adc counts]

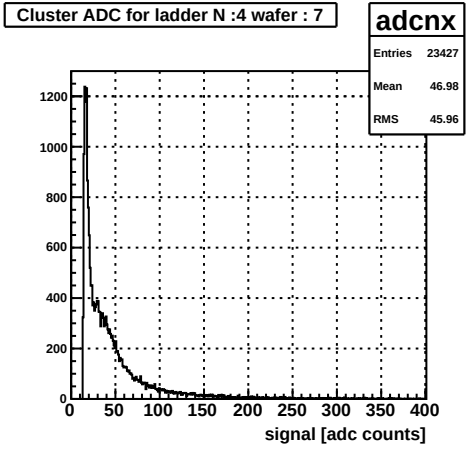

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 37257
Mean 42.09
RMS 40.52
signal [adc counts]

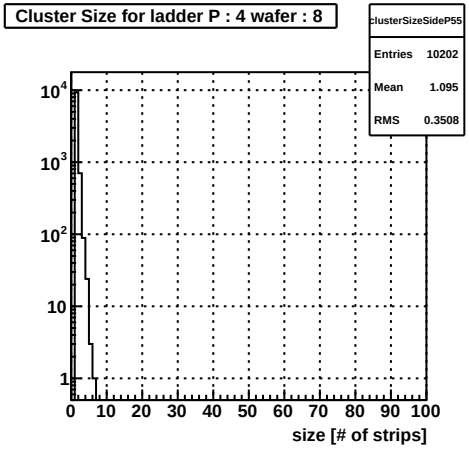

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 34196
Mean 1.156
RMS 0.4506
size [# of strips]

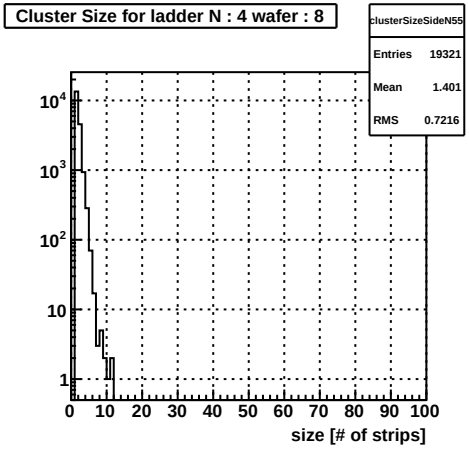

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 23427
Mean 1.343
RMS 0.6978
size [# of strips]

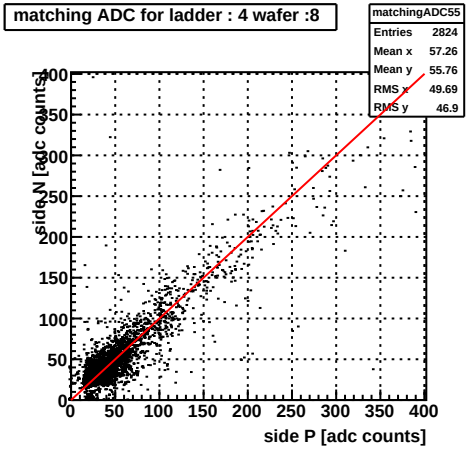

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 10559
Mean x 57.99
Mean y 54.03
RMS x 51.58
RMS y 48.27
side N [adc counts]
side P [adc counts]

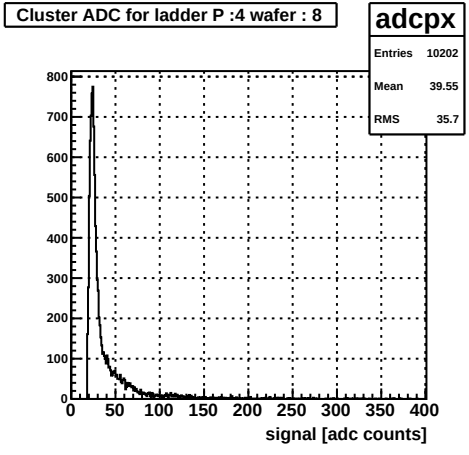

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 34196
Mean 41.83
RMS 42.56
signal [adc counts]

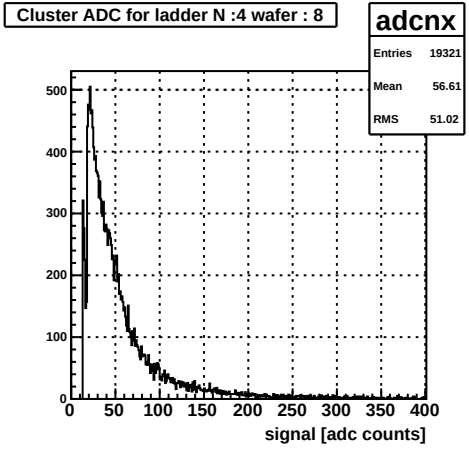

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 23427
Mean 46.98
RMS 45.96
signal [adc counts]

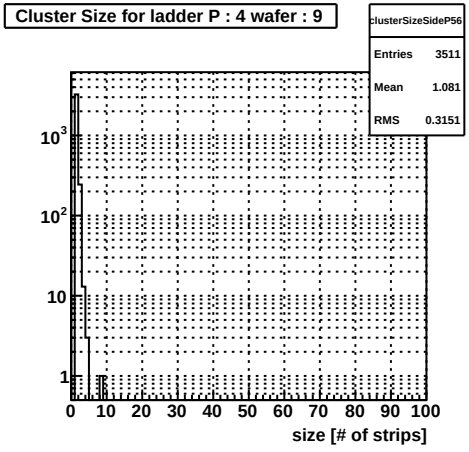

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 10202
Mean 1.095
RMS 0.3508
size [# of strips]

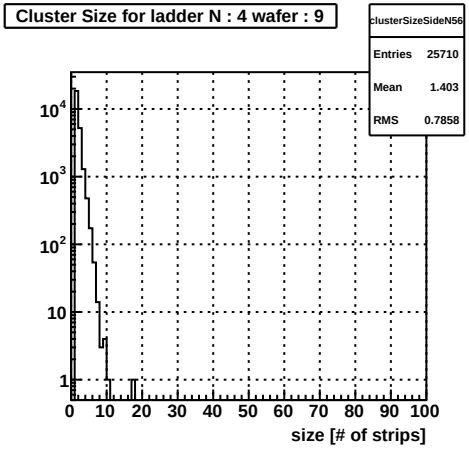

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 19321
Mean 1.401
RMS 0.7216
size [# of strips]

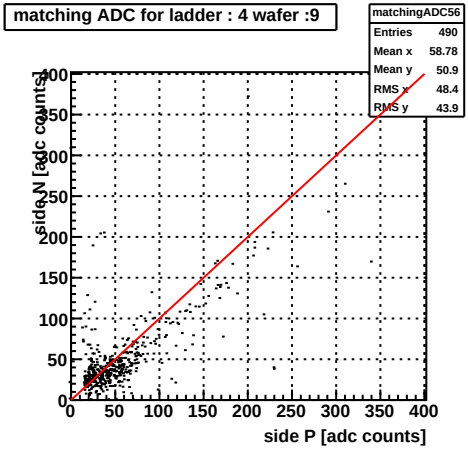

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2824
Mean x 57.26
Mean y 55.76
RMS x 49.69
RMS y 46.9
side N [adc counts]
side P [adc counts]

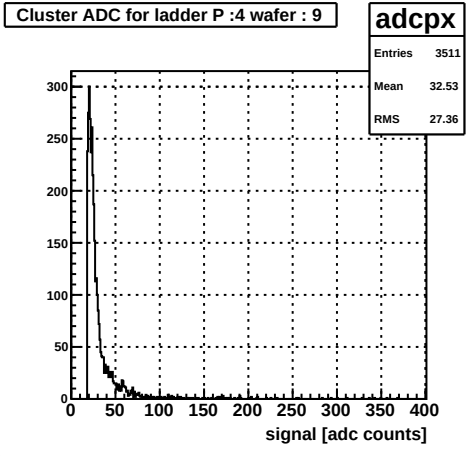

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 10202
Mean 39.55
RMS 35.7
signal [adc counts]

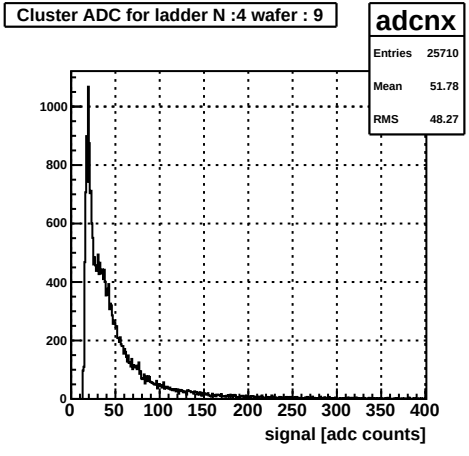

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 19321
Mean 56.61
RMS 51.02
signal [adc counts]

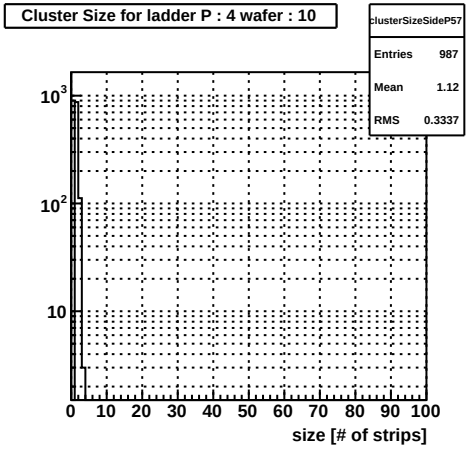

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 3511
Mean 1.081
RMS 0.3151
size [# of strips]

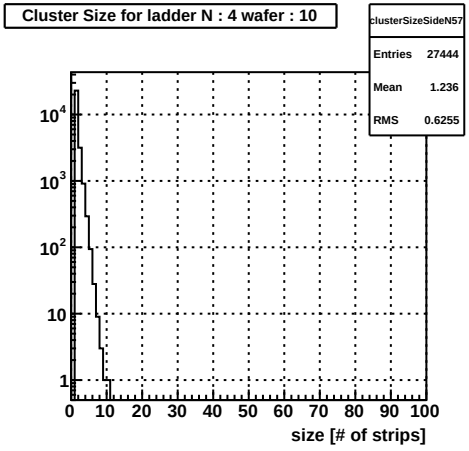

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 25710
Mean 1.403
RMS 0.7858
size [# of strips]

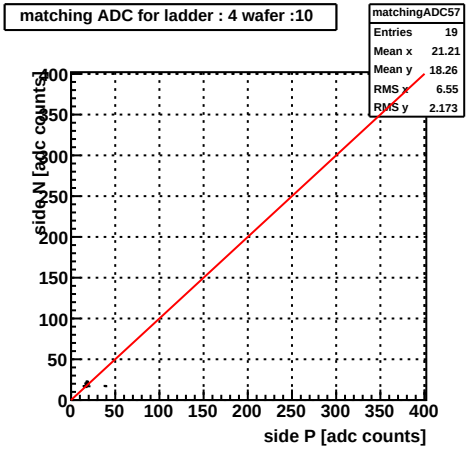

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 490
Mean x 58.78
Mean y 50.9
RMS x 48.4
RMS y 43.9
side N [adc counts]
side P [adc counts]

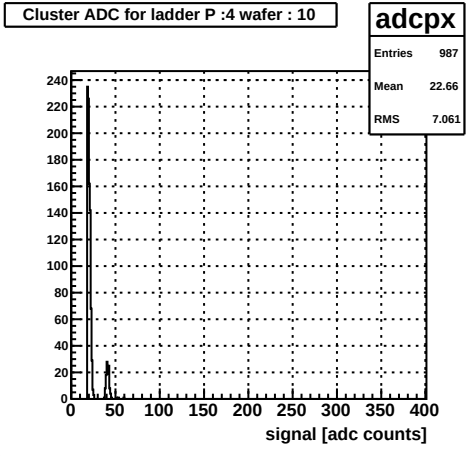

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 3511
Mean 32.53
RMS 27.36
signal [adc counts]

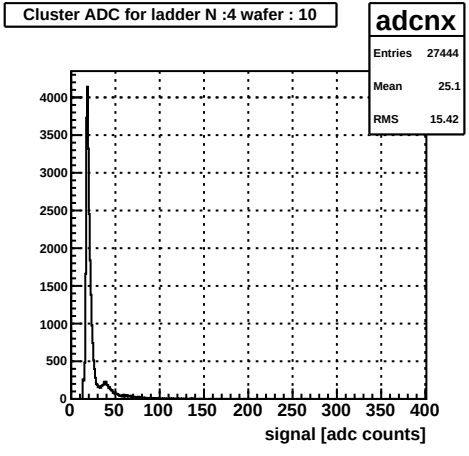

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 25710
Mean 51.78
RMS 48.27
signal [adc counts]

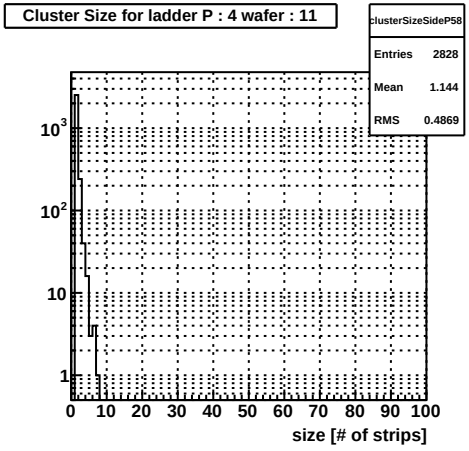

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 987
Mean 1.12
RMS 0.3337
size [# of strips]

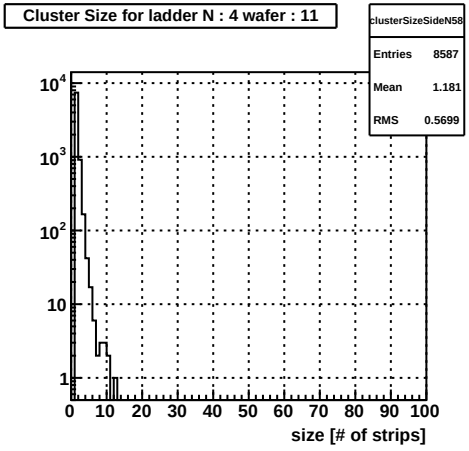

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 27444
Mean 1.236
RMS 0.6255
size [# of strips]

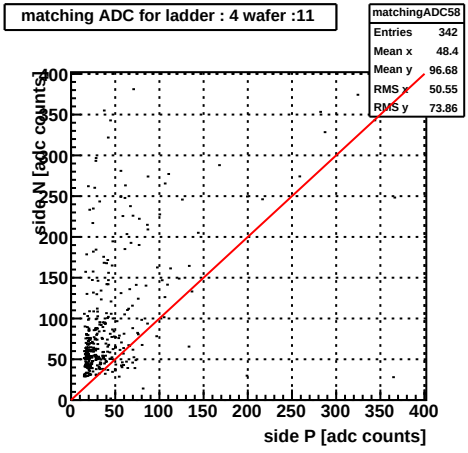

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 19
Mean x 21.21
Mean y 18.26
RMS x 6.55
RMS y 2.173
side N [adc counts]
side P [adc counts]

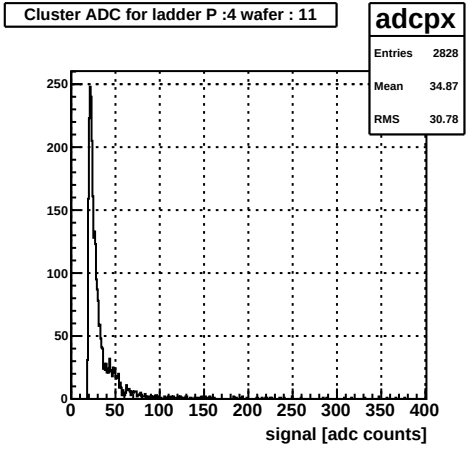

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 987
Mean 22.66
RMS 7.061
signal [adc counts]

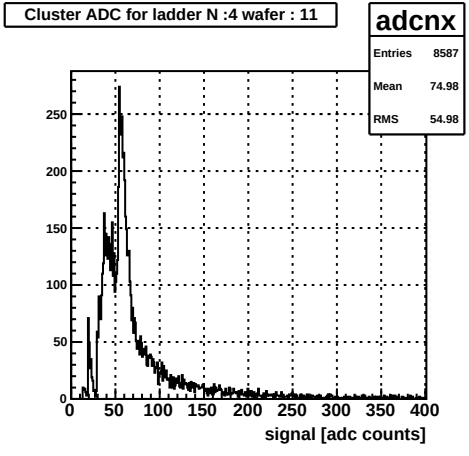

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 27444
Mean 25.1
RMS 15.42
signal [adc counts]

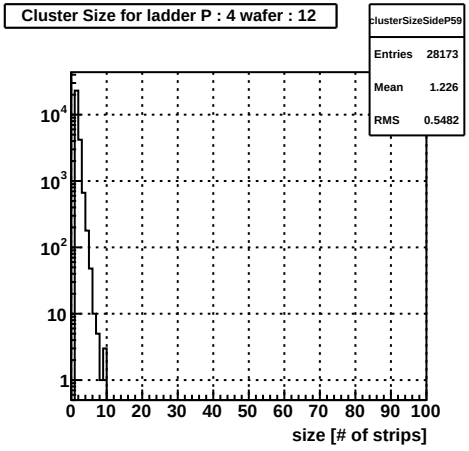

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 2828
Mean 1.144
RMS 0.4869
size [# of strips]

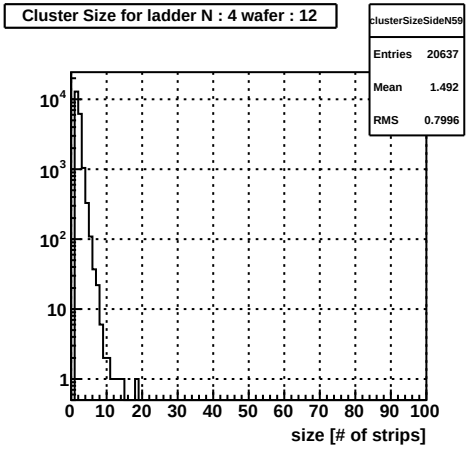

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 8587
Mean 1.181
RMS 0.5699
size [# of strips]

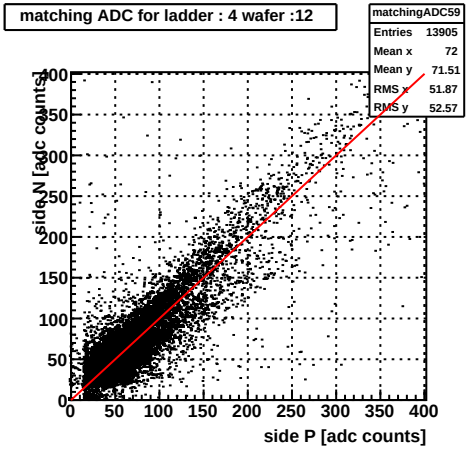

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 342
Mean x 48.4
Mean y 96.68
RMS x 50.55
RMS y 73.86
side N [adc counts]
side P [adc counts]

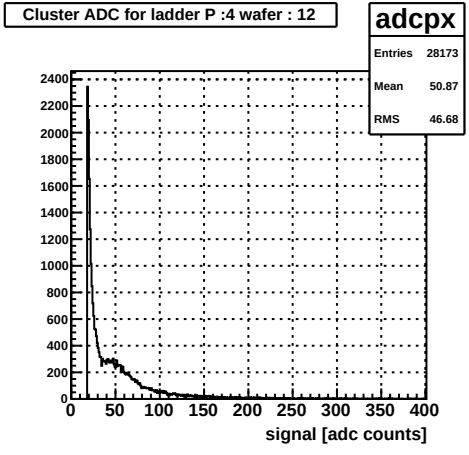

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 2828
Mean 34.87
RMS 30.78
signal [adc counts]

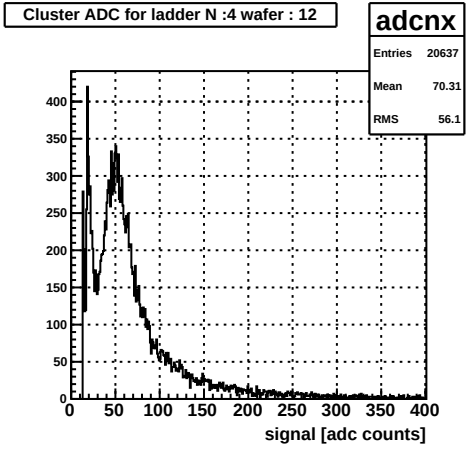

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 8587
Mean 74.98
RMS 54.98
signal [adc counts]

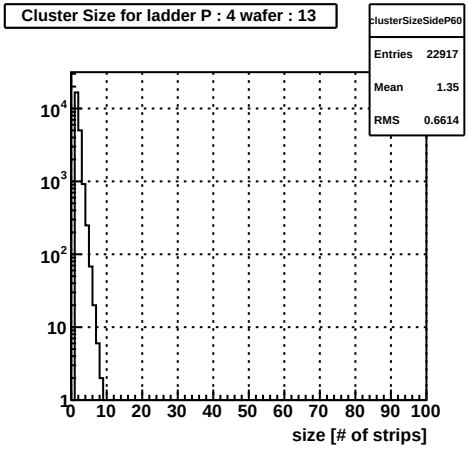

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 28173
Mean 1.226
RMS 0.5482
size [# of strips]

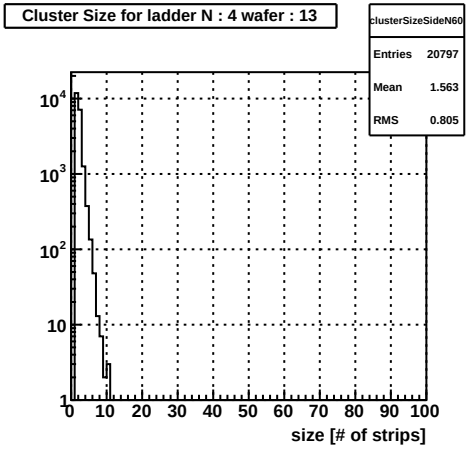

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 20637
Mean 1.492
RMS 0.7996
size [# of strips]

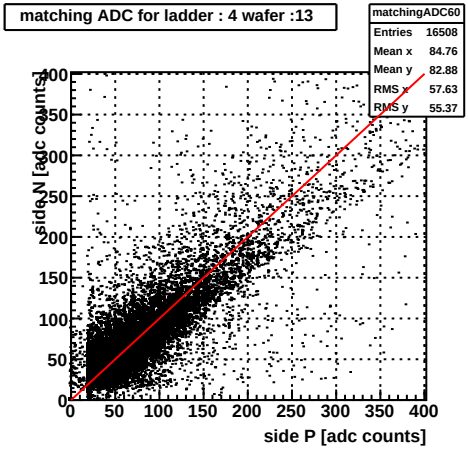

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 13905
Mean x 72
Mean y 71.51
RMS x 51.87
RMS y 52.57
side N [adc counts]
side P [adc counts]

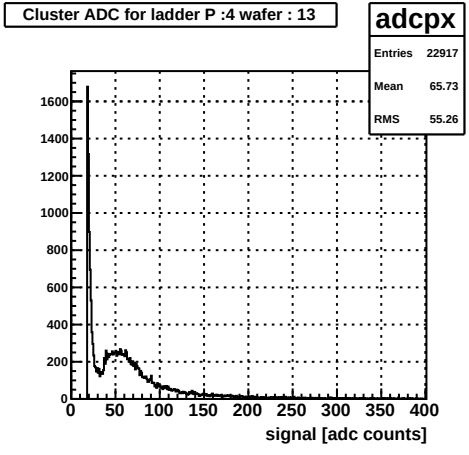

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 28173
Mean 50.87
RMS 46.68
signal [adc counts]

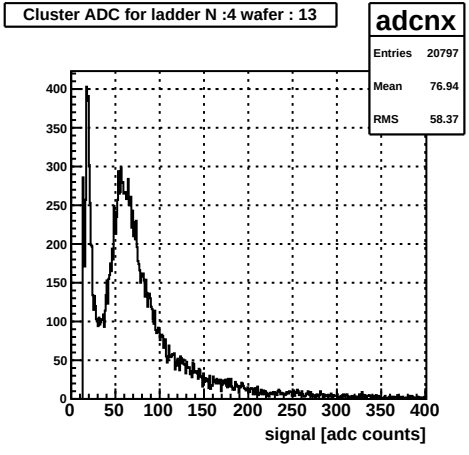

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 20637
Mean 70.31
RMS 56.1
signal [adc counts]

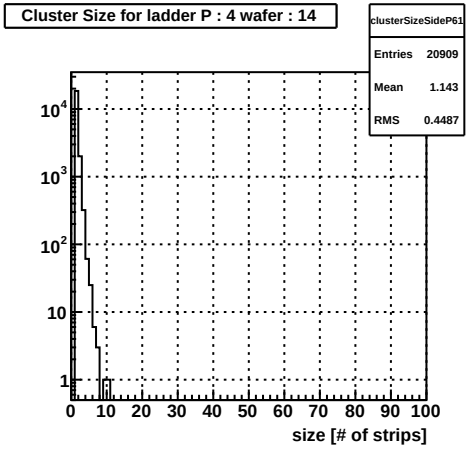

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 22917
Mean 1.35
RMS 0.6614
size [# of strips]

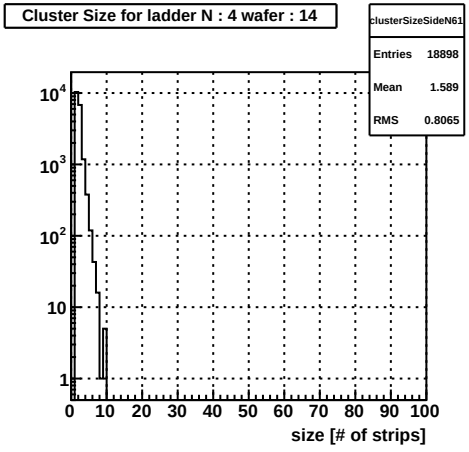

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 20797
Mean 1.563
RMS 0.805
size [# of strips]

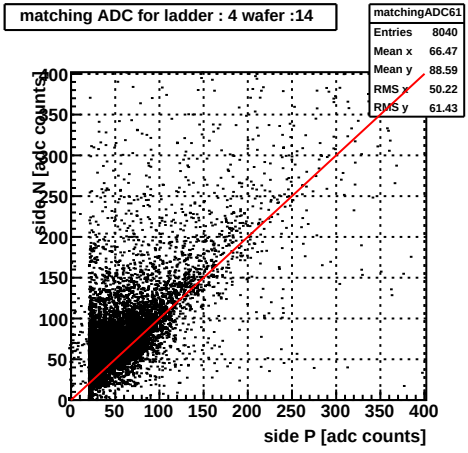

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 16508
Mean x 84.76
Mean y 82.88
RMS x 57.63
RMS y 55.37
side N [adc counts]
side P [adc counts]

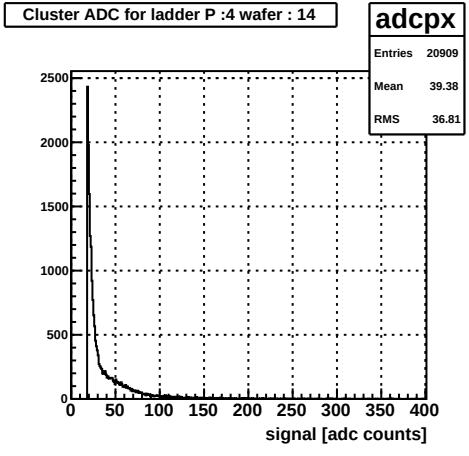

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 22917
Mean 65.73
RMS 55.26
signal [adc counts]

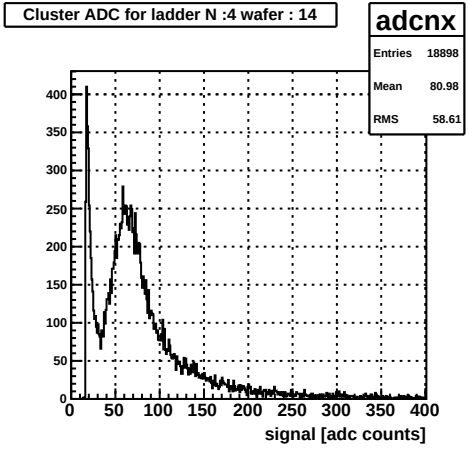

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 20797
Mean 76.94
RMS 58.37
signal [adc counts]

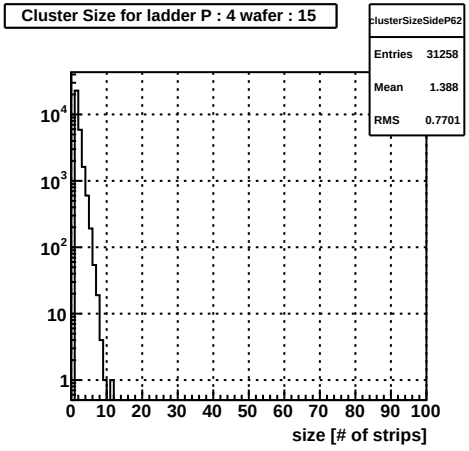

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 20909
Mean 1.143
RMS 0.4487
size [# of strips]

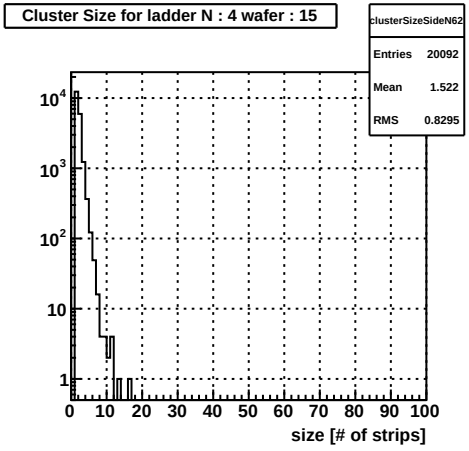

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 18898
Mean 1.589
RMS 0.8065
size [# of strips]

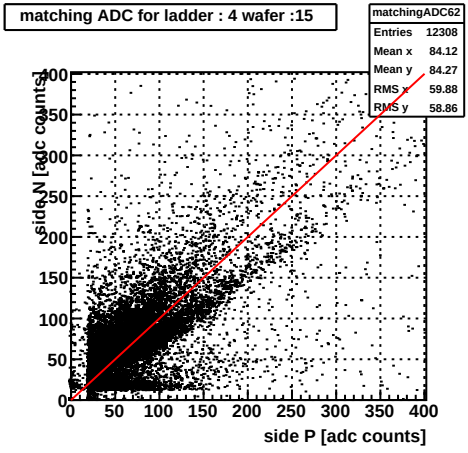

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 8040
Mean x 66.47
Mean y 88.59
RMS x 50.22
RMS y 61.43
side N [adc counts]
side P [adc counts]

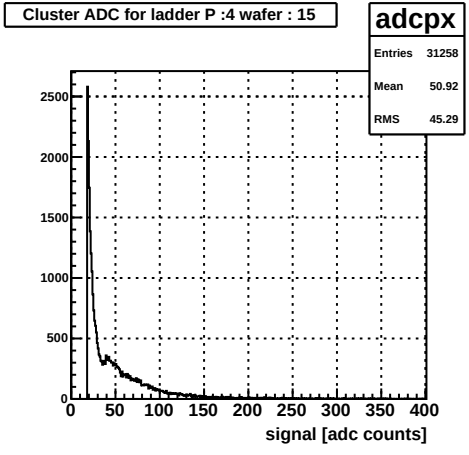

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 20909
Mean 39.38
RMS 36.81
signal [adc counts]

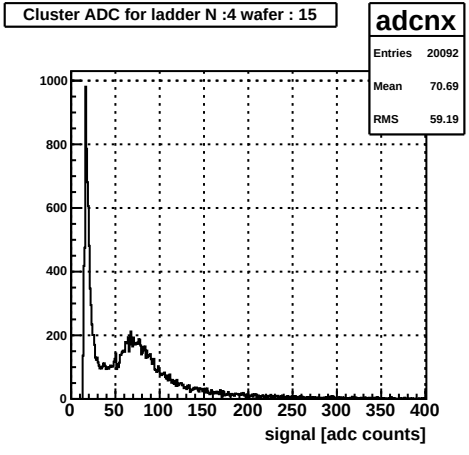

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 18898
Mean 80.98
RMS 58.61
signal [adc counts]

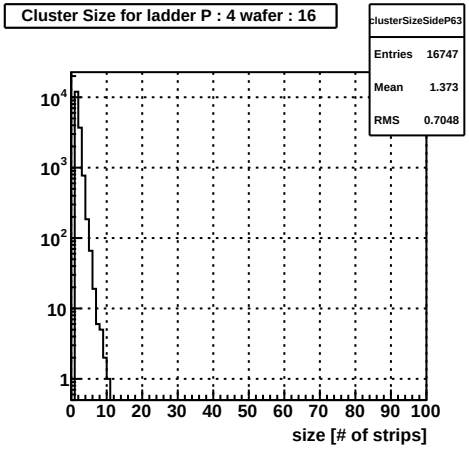

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 31258
Mean 1.388
RMS 0.7701
size [# of strips]

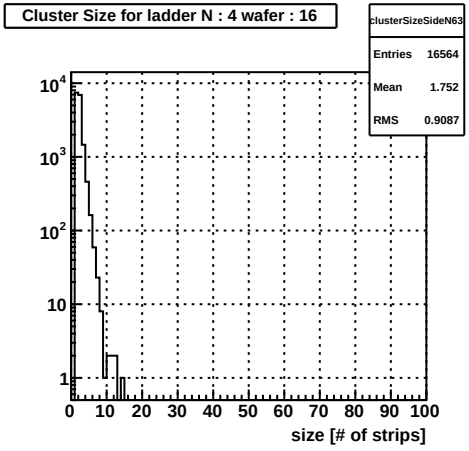

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 20092
Mean 1.522
RMS 0.8295
size [# of strips]

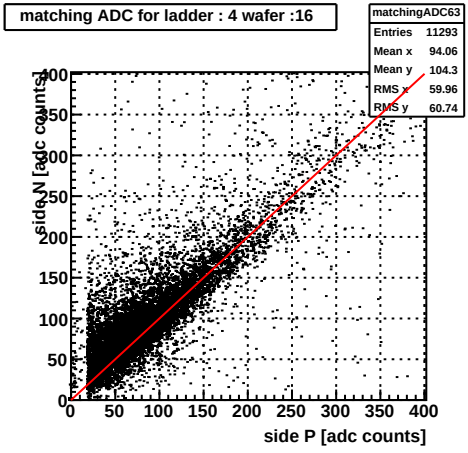

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 12308
Mean x 84.12
Mean y 84.27
RMS x 59.88
RMS y 58.86
side N [adc counts]
side P [adc counts]

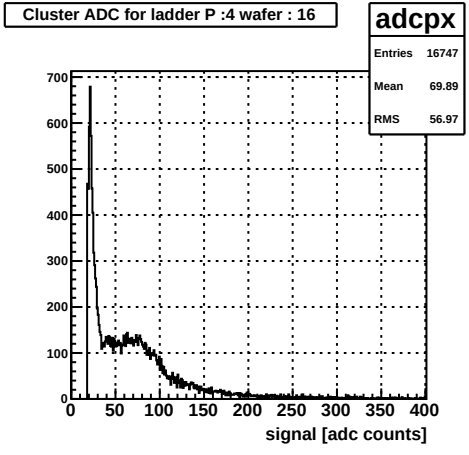

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 31258
Mean 50.92
RMS 45.29
signal [adc counts]

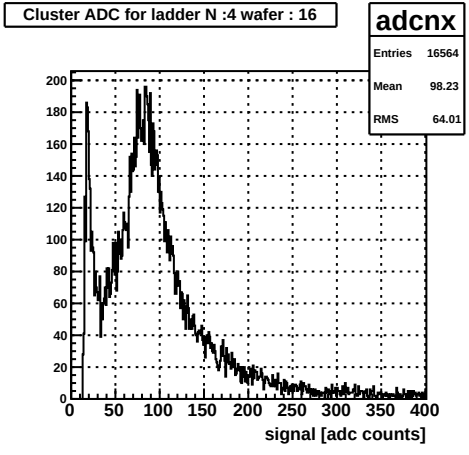

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 20092
Mean 70.69
RMS 59.19
signal [adc counts]

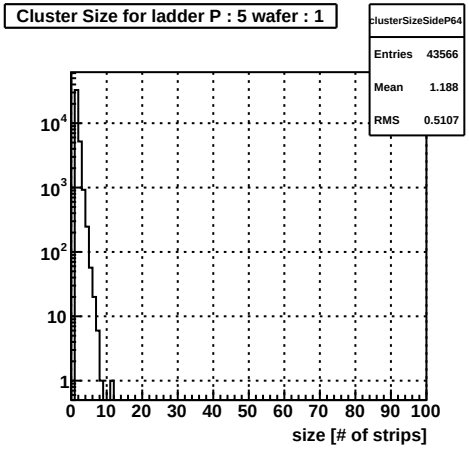

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 16747
Mean 1.373
RMS 0.7048
size [# of strips]

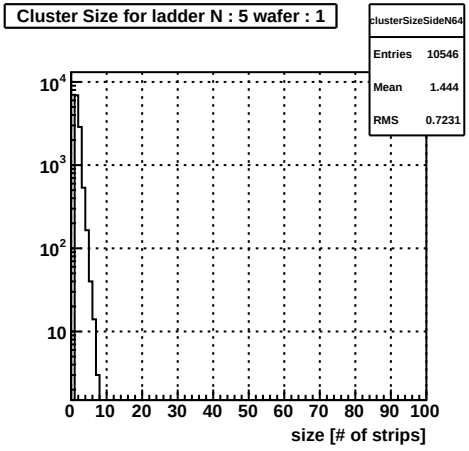

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 16564
Mean 1.752
RMS 0.9087
size [# of strips]

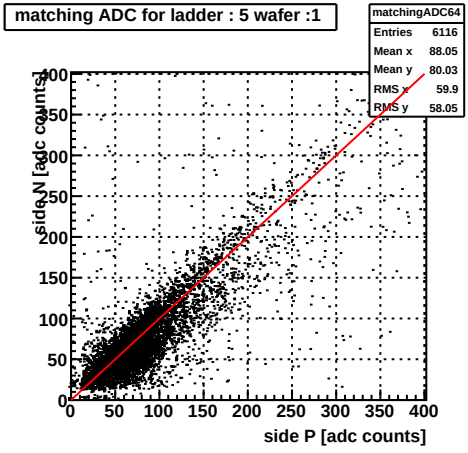

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 11293
Mean x 94.06
Mean y 104.3
RMS x 59.96
RMS y 60.74
side N [adc counts]
side P [adc counts]

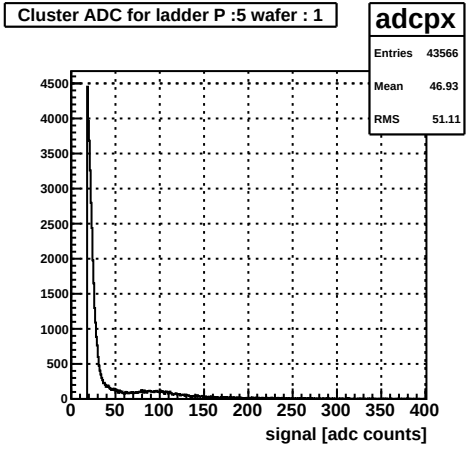

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 16747
Mean 69.89
RMS 56.97
signal [adc counts]

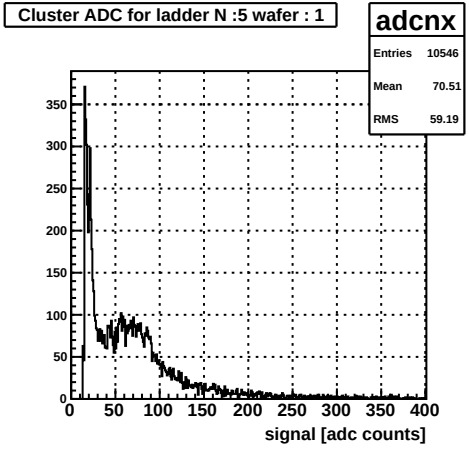

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 16564
Mean 98.23
RMS 64.01
signal [adc counts]

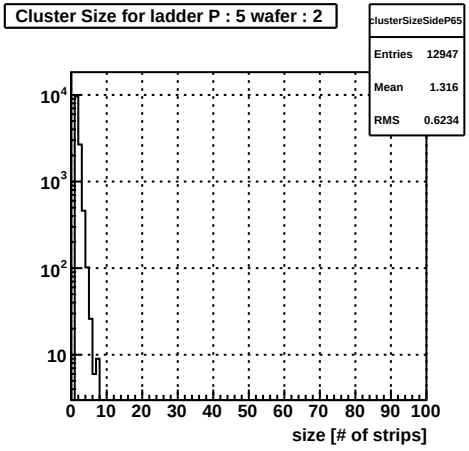

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 43566
Mean 1.188
RMS 0.5107
size [# of strips]

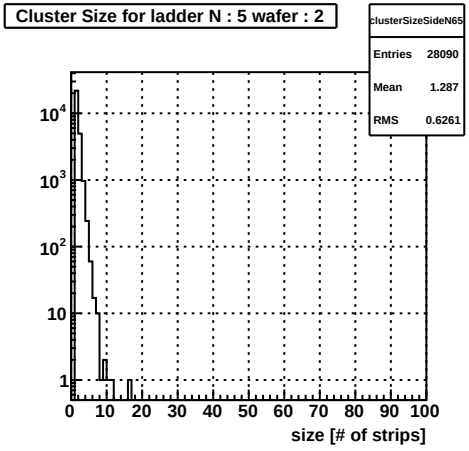

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 10546
Mean 1.444
RMS 0.7231
size [# of strips]

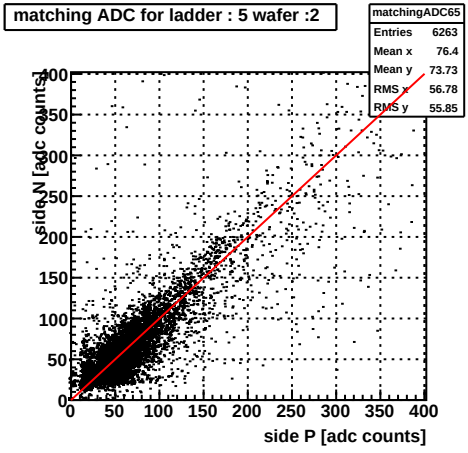

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 6116
Mean x 88.05
Mean y 80.03
RMS x 59.9
RMS y 58.05
side N [adc counts]
side P [adc counts]

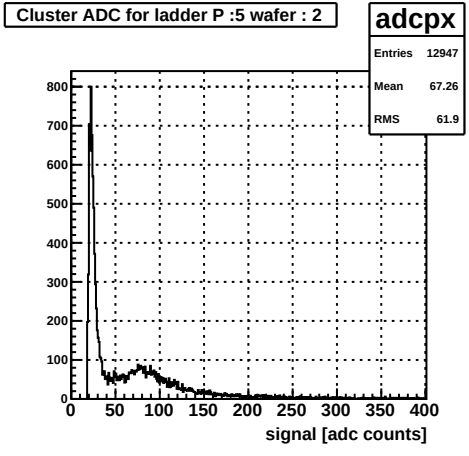

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 43566
Mean 46.93
RMS 51.11
signal [adc counts]

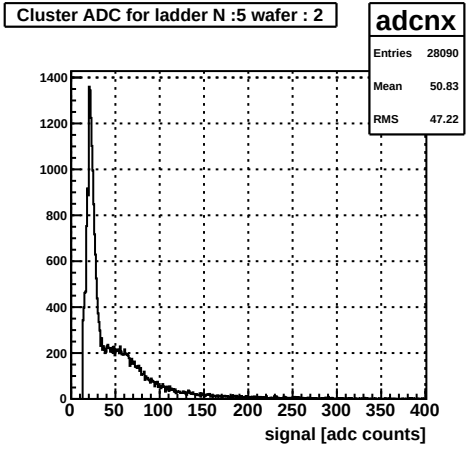

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 10546
Mean 70.51
RMS 59.19
signal [adc counts]

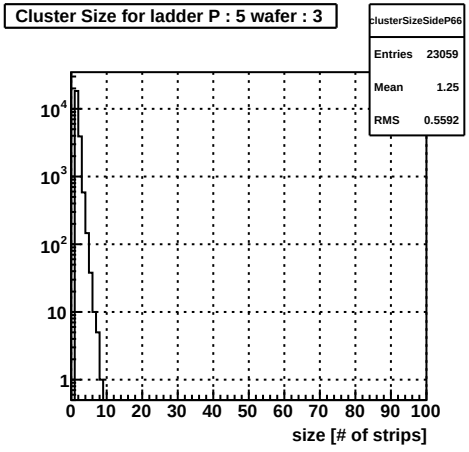

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 12947
Mean 1.316
RMS 0.6234
size [# of strips]

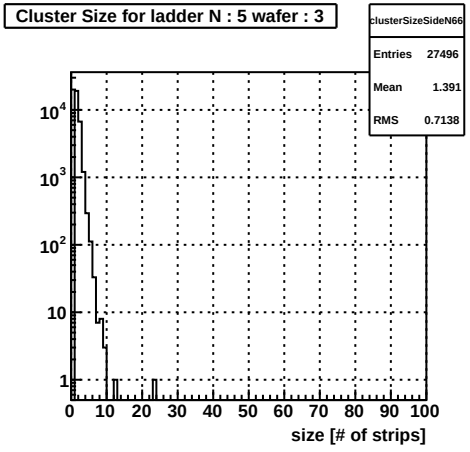

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 28090
Mean 1.287
RMS 0.6261
size [# of strips]

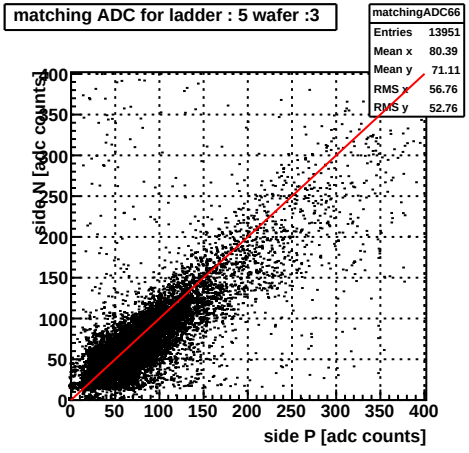

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 6263
Mean x 76.4
Mean y 73.73
RMS x 56.78
RMS y 55.85
side N [adc counts]
side P [adc counts]

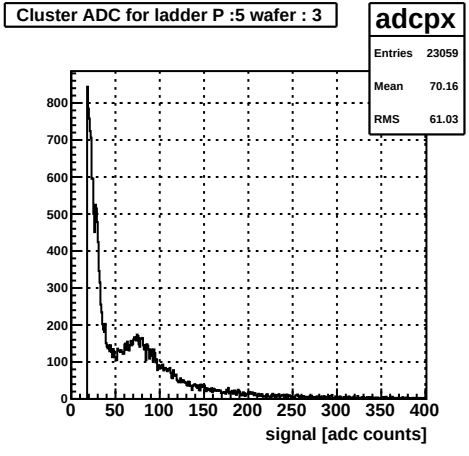

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 12947
Mean 67.26
RMS 61.9
signal [adc counts]

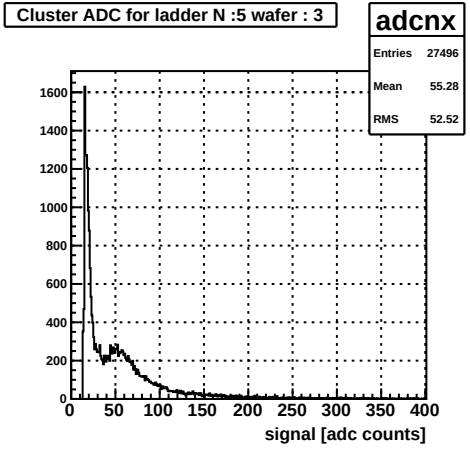

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 28090
Mean 50.83
RMS 47.22
signal [adc counts]

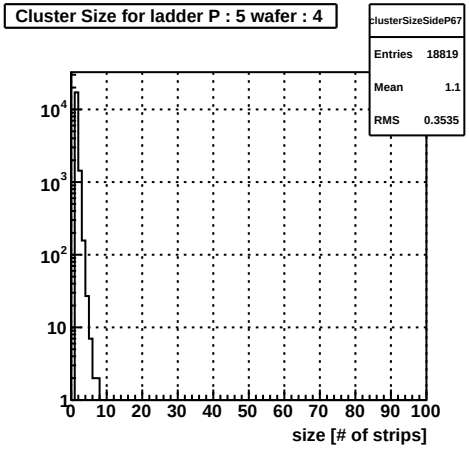

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 23059
Mean 1.25
RMS 0.5592
size [# of strips]

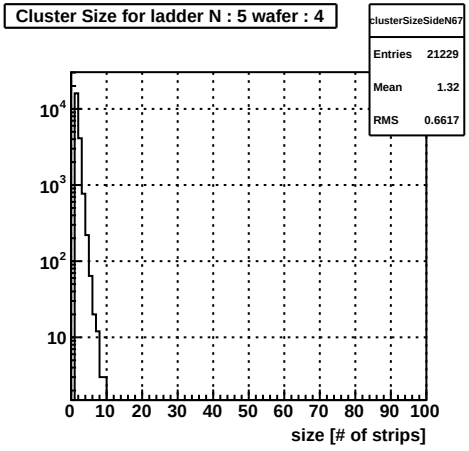

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 27496
Mean 1.391
RMS 0.7138
size [# of strips]

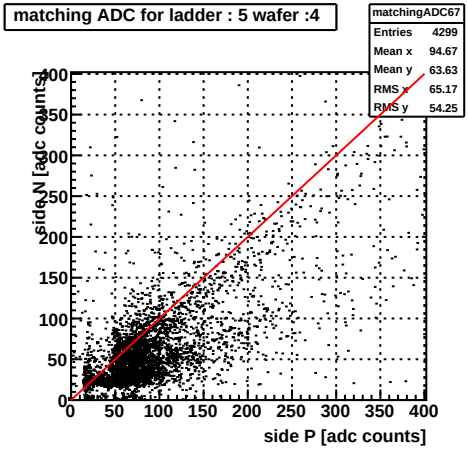

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 13951
Mean x 80.39
Mean y 71.11
RMS x 56.76
RMS y 52.76
side N [adc counts]
side P [adc counts]

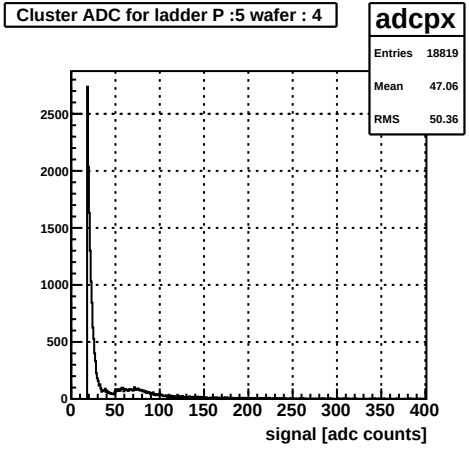

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 23059
Mean 70.16
RMS 61.03
signal [adc counts]

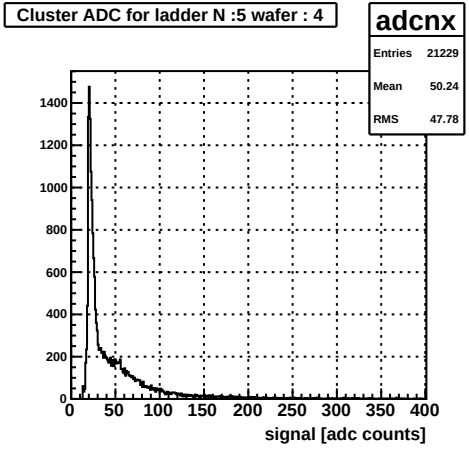

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 27496
Mean 55.28
RMS 52.52
signal [adc counts]

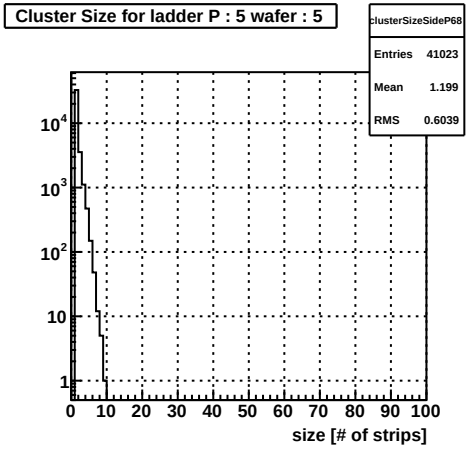

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 18819
Mean 1.1
RMS 0.3535
size [# of strips]

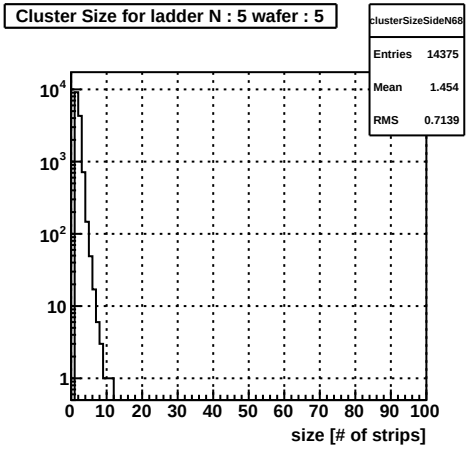

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 21229
Mean 1.32
RMS 0.6617
size [# of strips]

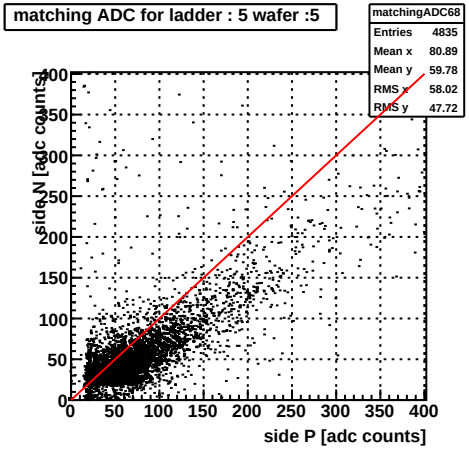

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 4299
Mean x 94.67
Mean y 63.63
RMS x 65.17
RMS y 54.25
side N [adc counts]
side P [adc counts]

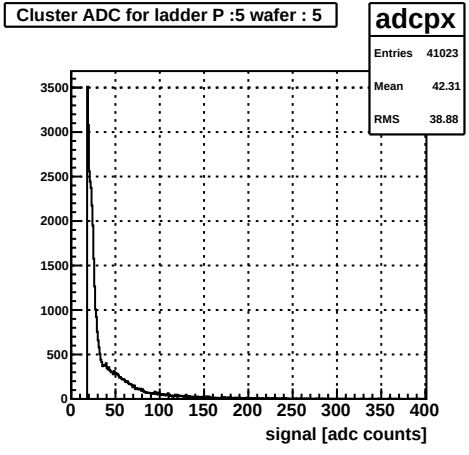

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 18819
Mean 47.06
RMS 50.36
signal [adc counts]

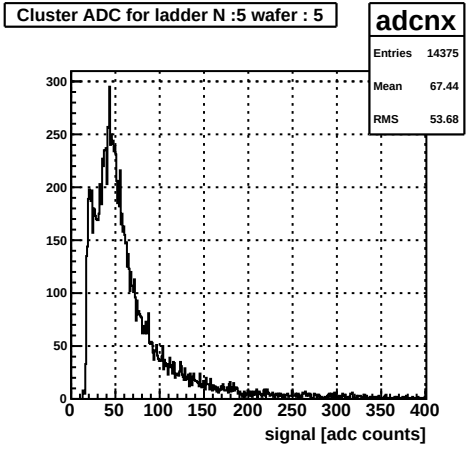

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 21229
Mean 50.24
RMS 47.78
signal [adc counts]

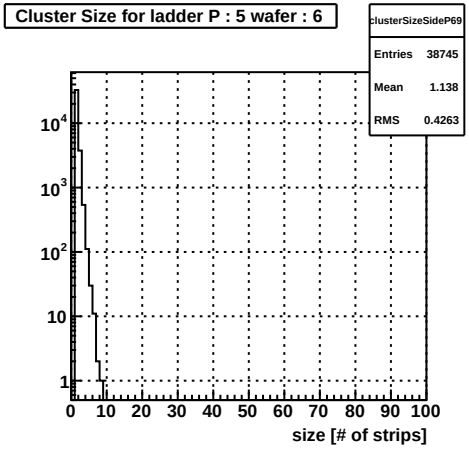

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 41023
Mean 1.199
RMS 0.6039
size [# of strips]

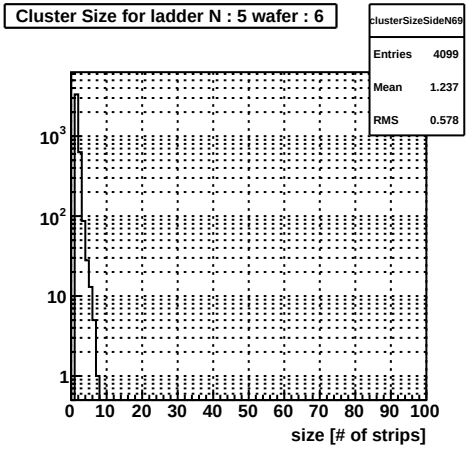

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 14375
Mean 1.454
RMS 0.7139
size [# of strips]

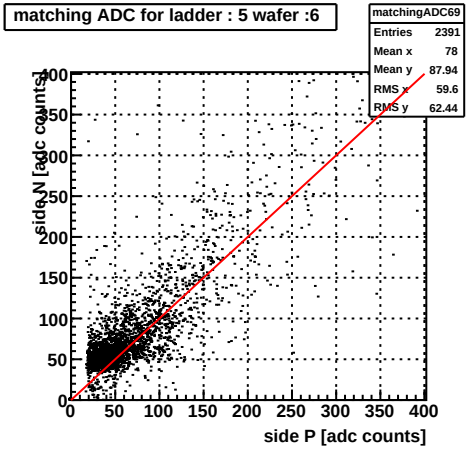

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 4835
Mean x 80.89
Mean y 59.78
RMS x 58.02
RMS y 47.72
side N [adc counts]
side P [adc counts]

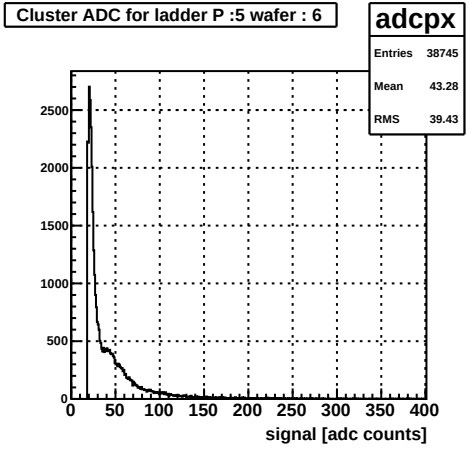

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 41023
Mean 42.31
RMS 38.88
signal [adc counts]

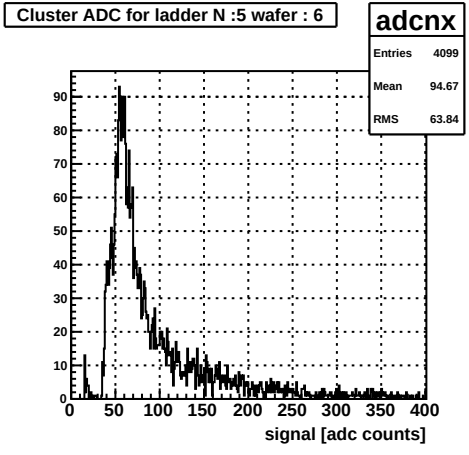

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 14375
Mean 67.44
RMS 53.68
signal [adc counts]

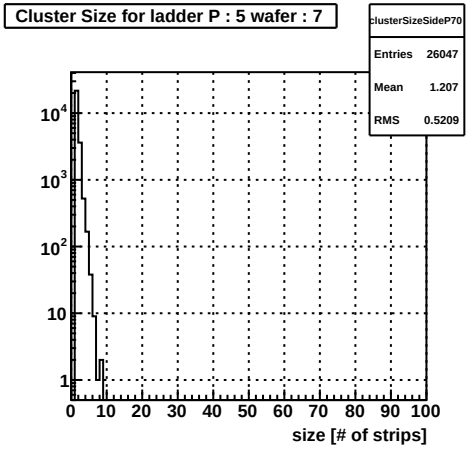

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 38745
Mean 1.138
RMS 0.4263
size [# of strips]

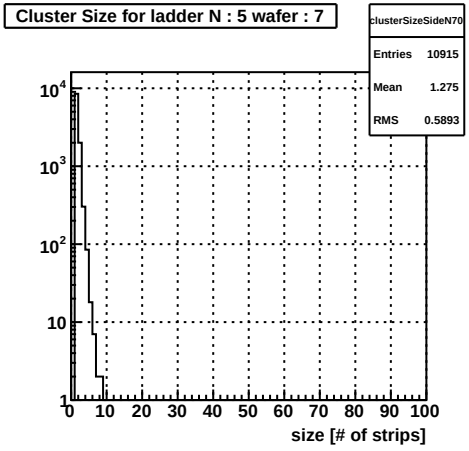

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4099
Mean 1.237
RMS 0.578
size [# of strips]

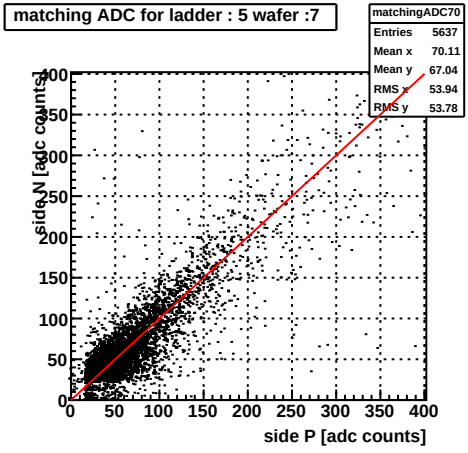

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2391
Mean x 78
Mean y 87.94
RMS x 59.6
RMS y 62.44
side N [adc counts]
side P [adc counts]

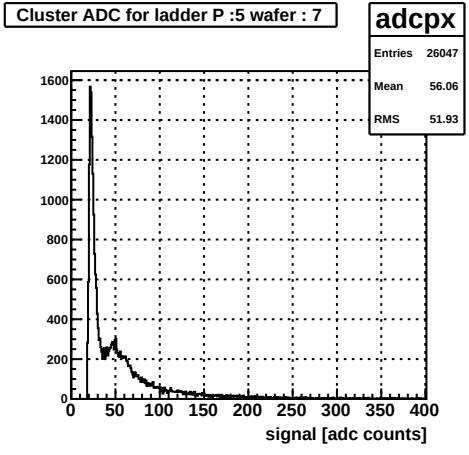

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 38745
Mean 43.28
RMS 39.43
signal [adc counts]

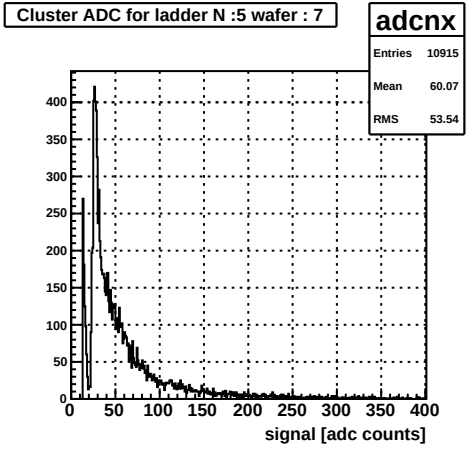

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4099
Mean 94.67
RMS 63.84
signal [adc counts]

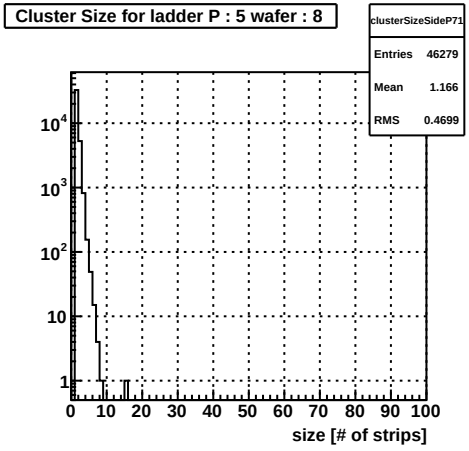

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 26047
Mean 1.207
RMS 0.5209
size [# of strips]

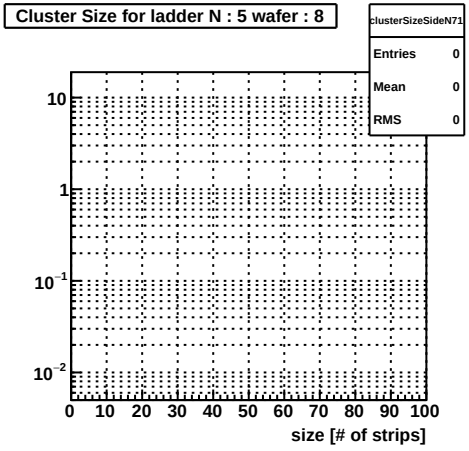

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 10915
Mean 1.275
RMS 0.5893
size [# of strips]

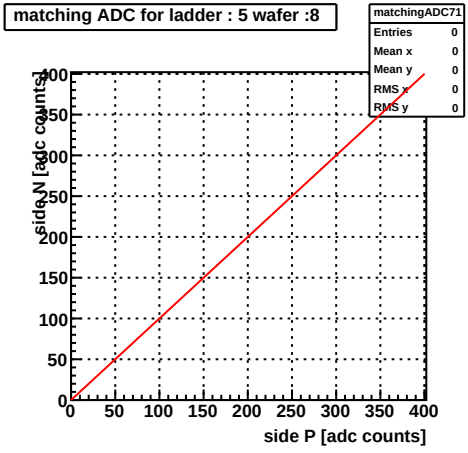

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 5637
Mean x 70.11
Mean y 67.04
RMS x 53.94
RMS y 53.78
side N [adc counts]
side P [adc counts]

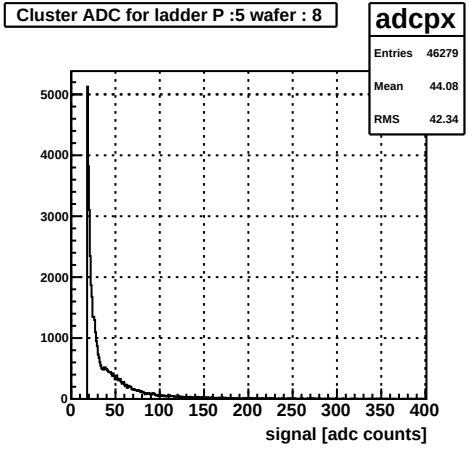

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 26047
Mean 56.06
RMS 51.93
signal [adc counts]

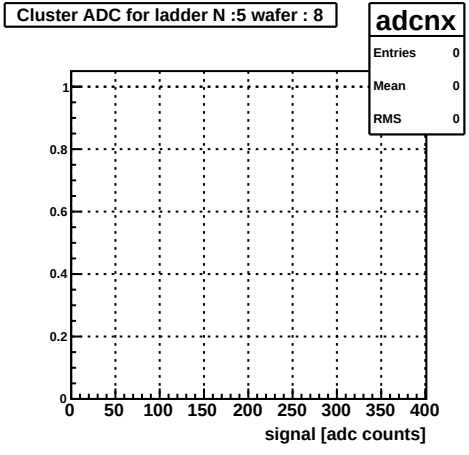

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 10915
Mean 60.07
RMS 53.54
signal [adc counts]

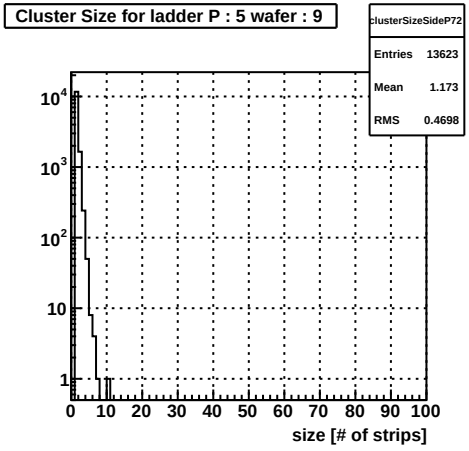

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 46279
Mean 1.166
RMS 0.4699
size [# of strips]

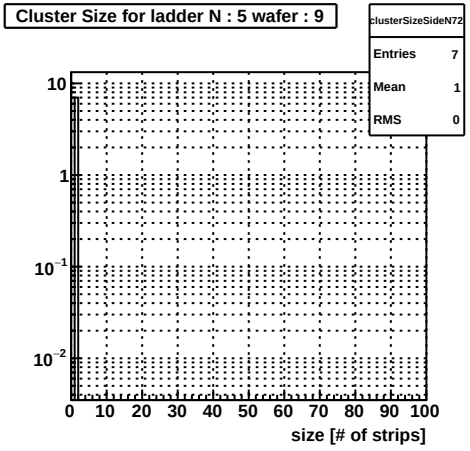

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

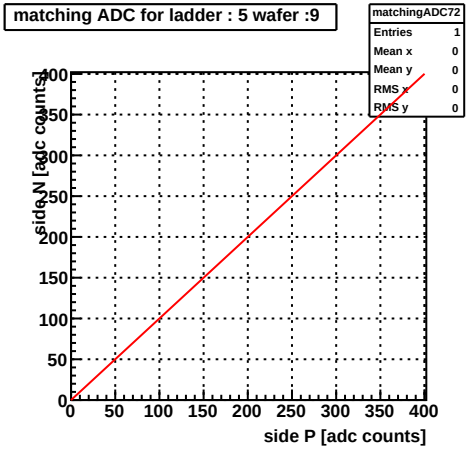

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

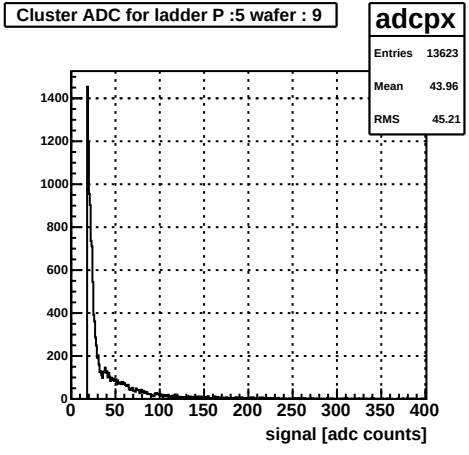

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 46279
Mean 44.08
RMS 42.34
signal [adc counts]

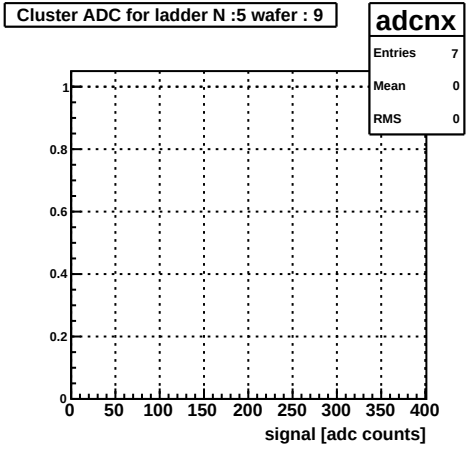

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

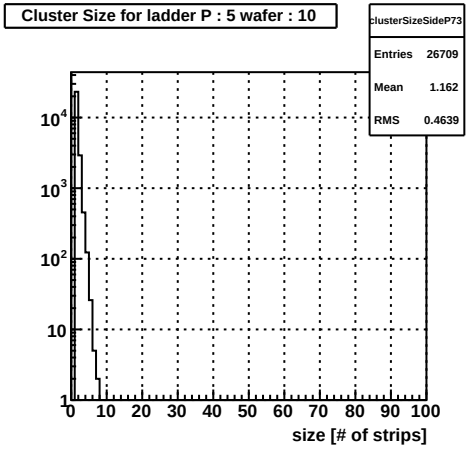

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 13623
Mean 1.173
RMS 0.4698
size [# of strips]

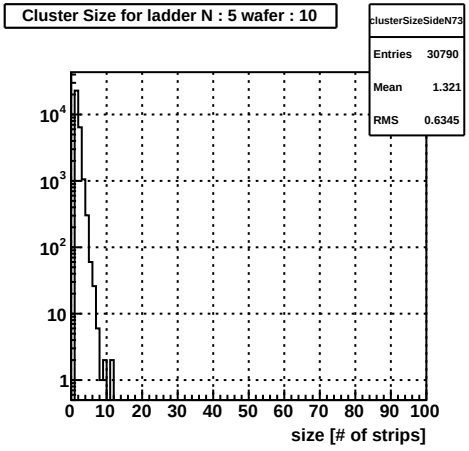

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 7
Mean 1
RMS 0
size [# of strips]

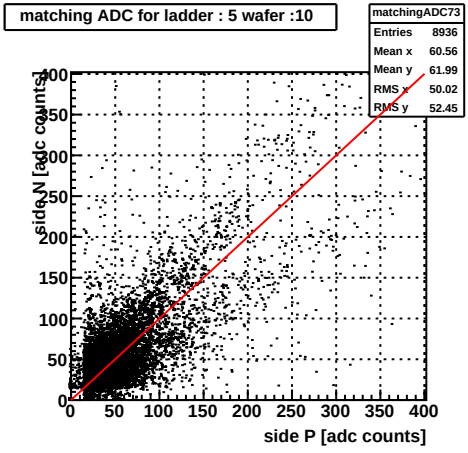

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

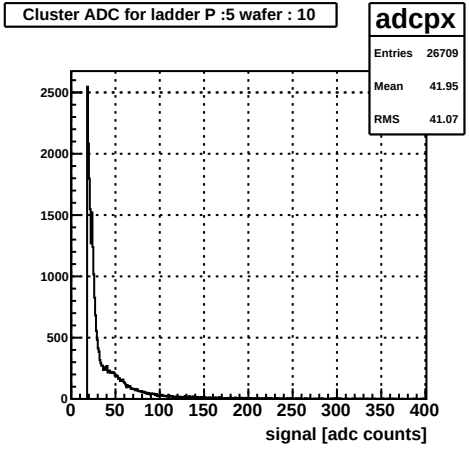

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 13623
Mean 43.96
RMS 45.21
signal [adc counts]

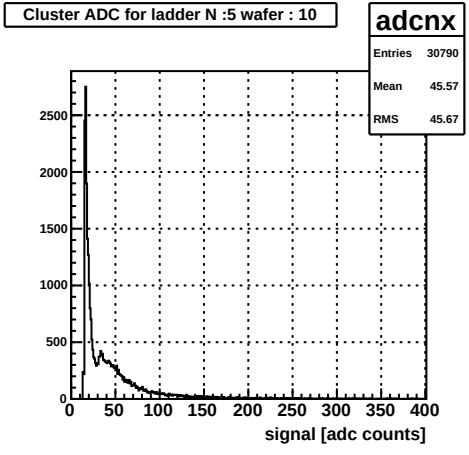

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

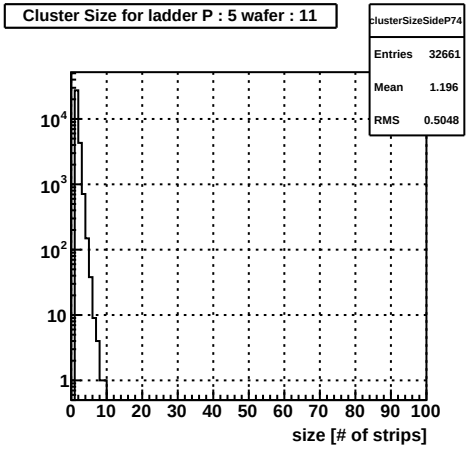

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 26709
Mean 1.162
RMS 0.4639
size [# of strips]

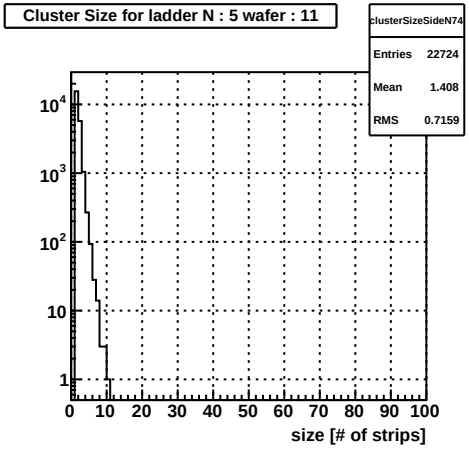

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 30790
Mean 1.321
RMS 0.6345
size [# of strips]

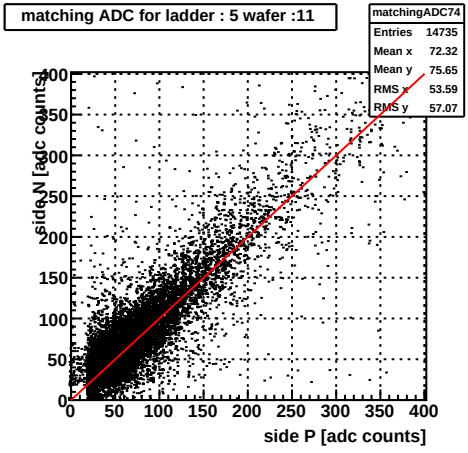

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 8936
Mean x 60.56
Mean y 61.99
RMS x 50.02
RMS y 52.45
side N [adc counts]
side P [adc counts]

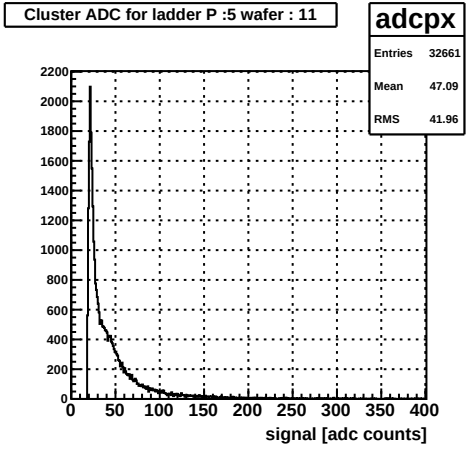

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 26709
Mean 41.95
RMS 41.07
signal [adc counts]

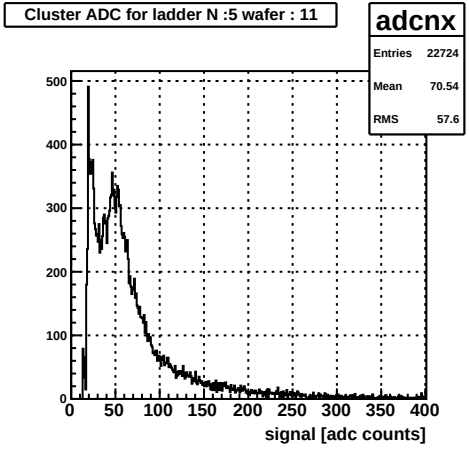

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 30790
Mean 45.57
RMS 45.67
signal [adc counts]

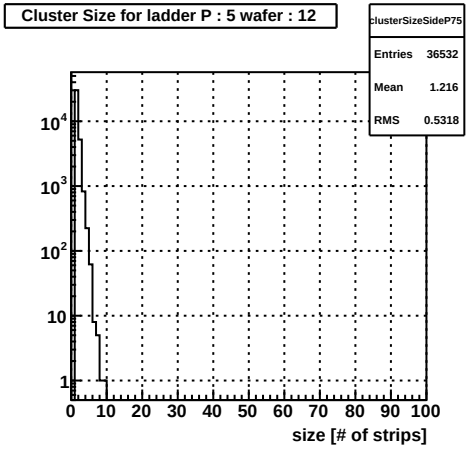

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 32661
Mean 1.196
RMS 0.5048
size [# of strips]

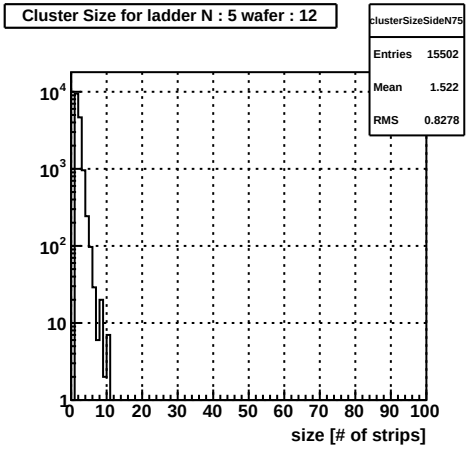

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 22724
Mean 1.408
RMS 0.7159
size [# of strips]

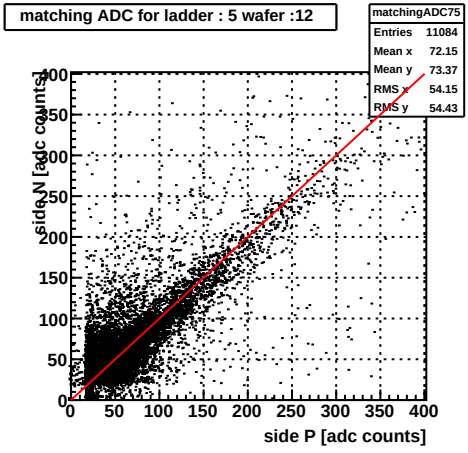

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 14735
Mean x 72.32
Mean y 75.65
RMS x 53.59
RMS y 57.07
side N [adc counts]
side P [adc counts]

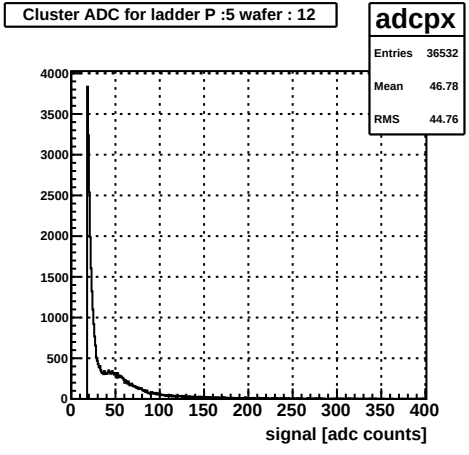

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 32661
Mean 47.09
RMS 41.96
signal [adc counts]

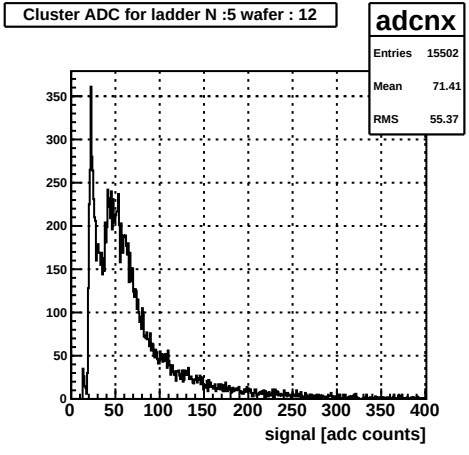

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 22724
Mean 70.54
RMS 57.6
signal [adc counts]

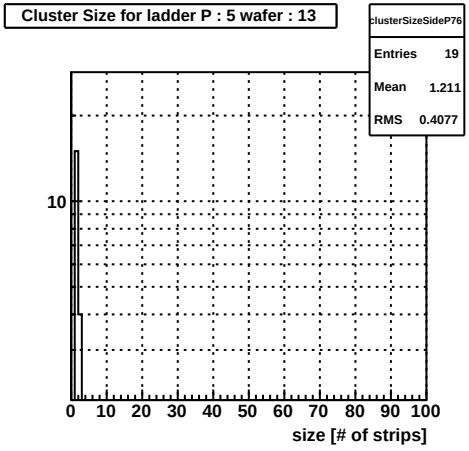

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 36532
Mean 1.216
RMS 0.5318
size [# of strips]

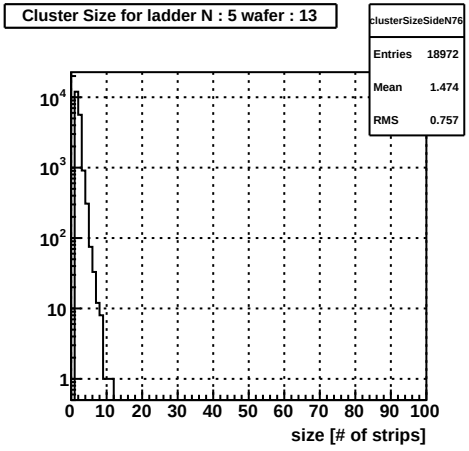

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 15502
Mean 1.522
RMS 0.8278
size [# of strips]

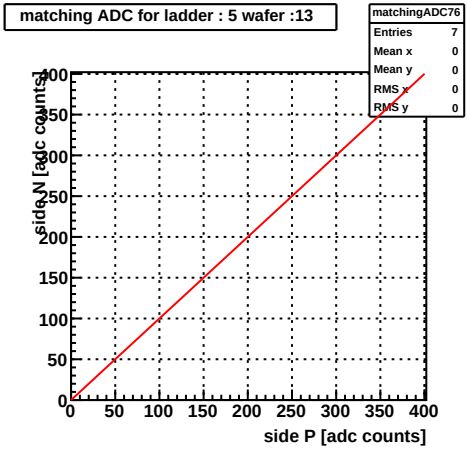

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 11084
Mean x 72.15
Mean y 73.37
RMS x 54.15
RMS y 54.43
side N [adc counts]
side P [adc counts]

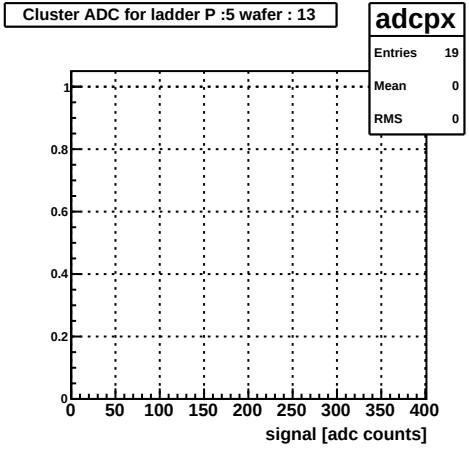

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 36532
Mean 46.78
RMS 44.76
signal [adc counts]

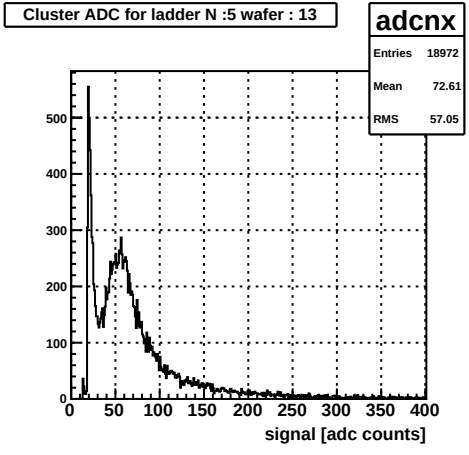

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 15502
Mean 71.41
RMS 55.37
signal [adc counts]

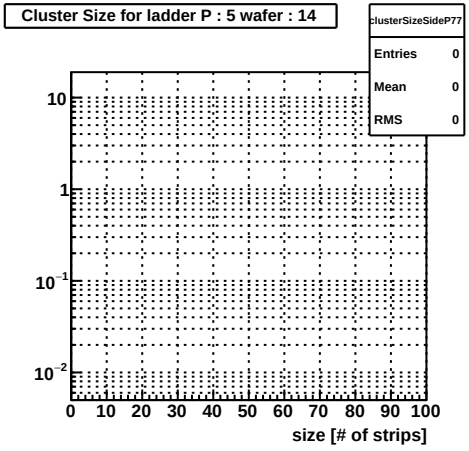

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 19
Mean 1.211
RMS 0.4077
size [# of strips]

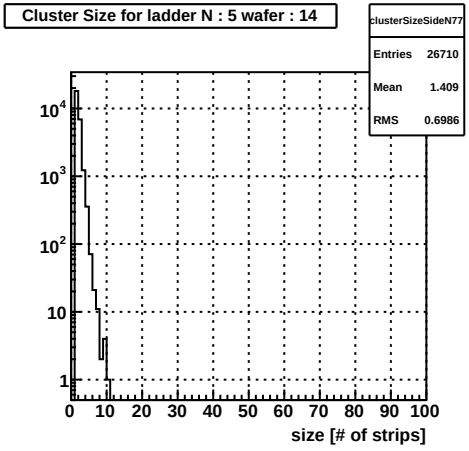

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 18972
Mean 1.474
RMS 0.757
size [# of strips]

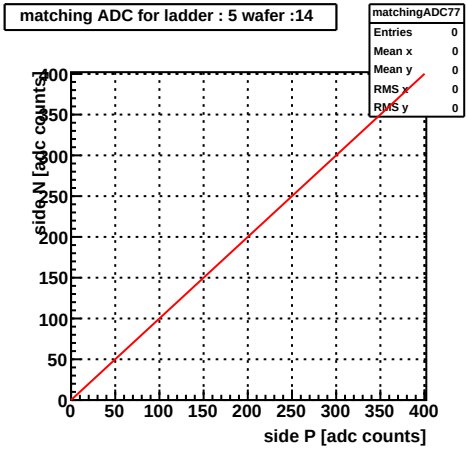

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

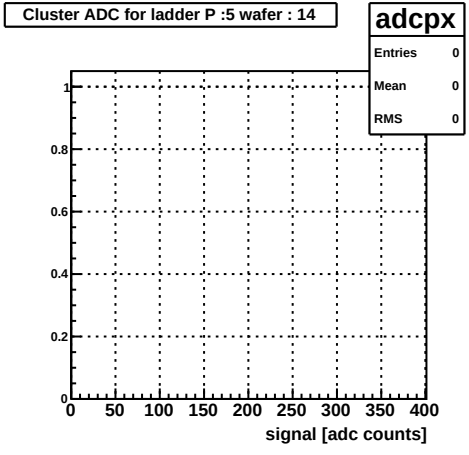

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

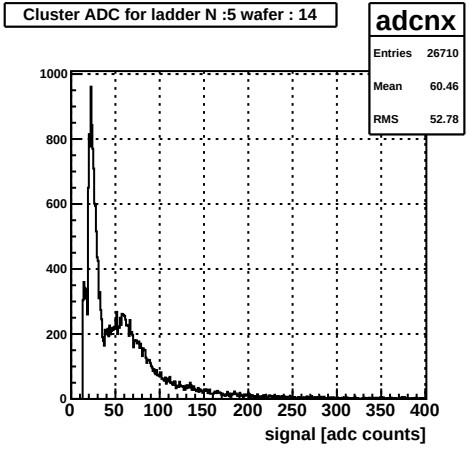

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 18972
Mean 72.61
RMS 57.05
signal [adc counts]

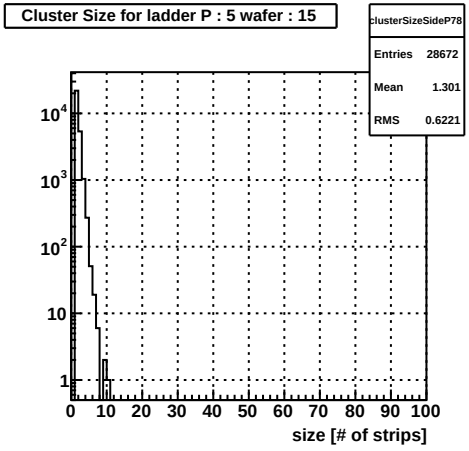

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

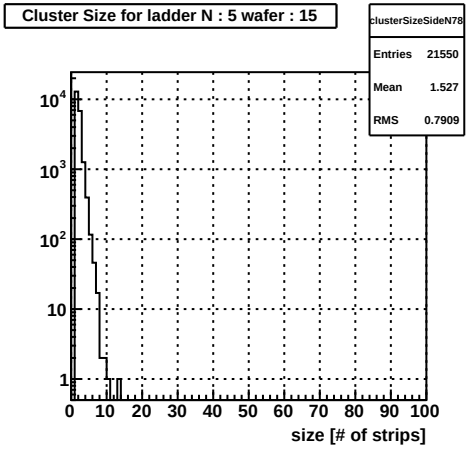

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 26710
Mean 1.409
RMS 0.6986
size [# of strips]

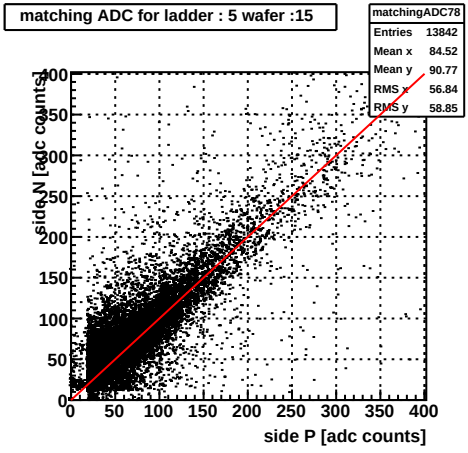

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

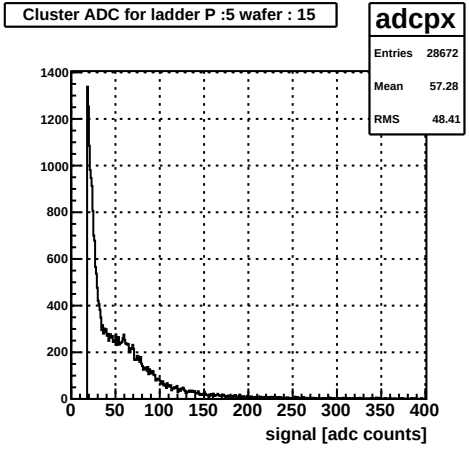

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

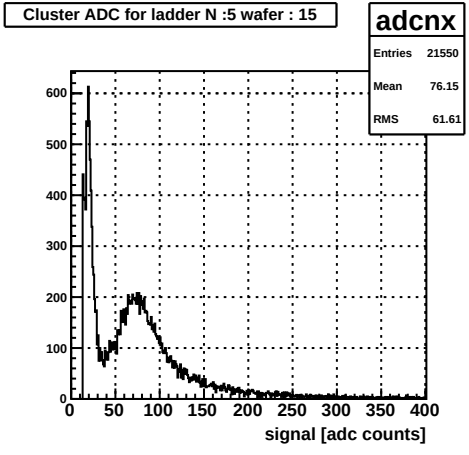

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 26710
Mean 60.46
RMS 52.78
signal [adc counts]

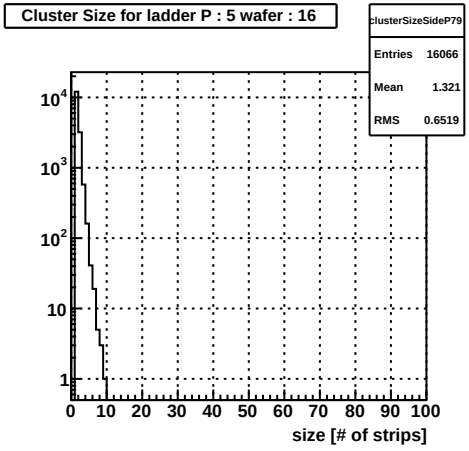

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 28672
Mean 1.301
RMS 0.6221
size [# of strips]

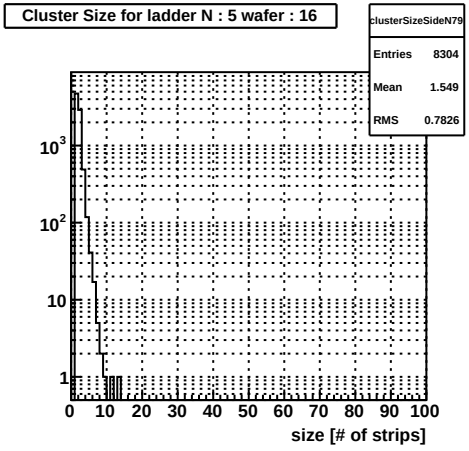

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 21550
Mean 1.527
RMS 0.7909
size [# of strips]

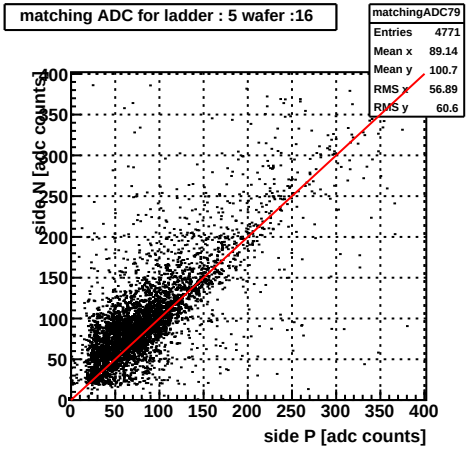

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 13842
Mean x 84.52
Mean y 90.77
RMS x 56.84
RMS y 58.85
side N [adc counts]
side P [adc counts]

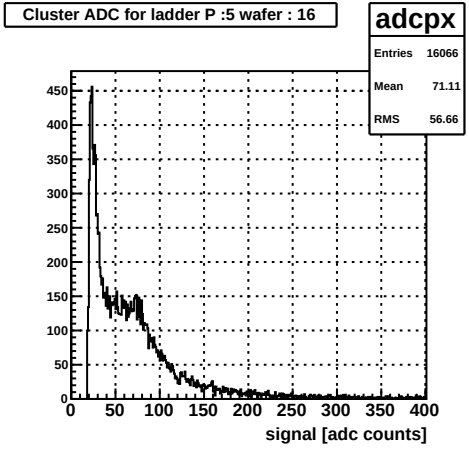

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 28672
Mean 57.28
RMS 48.41
signal [adc counts]

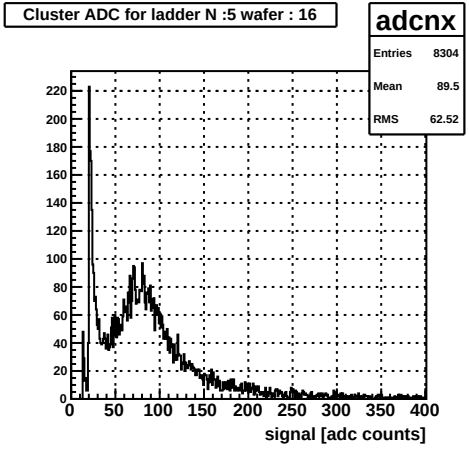

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 21550
Mean 76.15
RMS 61.61
signal [adc counts]

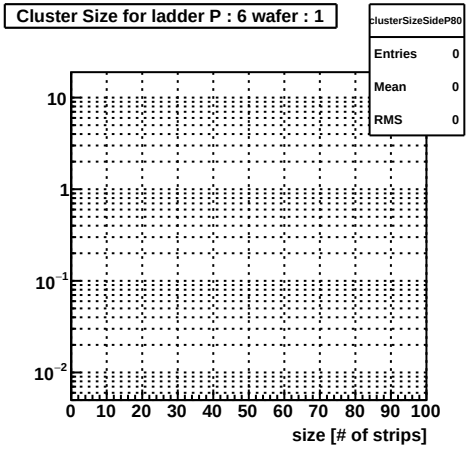

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 16066
Mean 1.321
RMS 0.6519
size [# of strips]

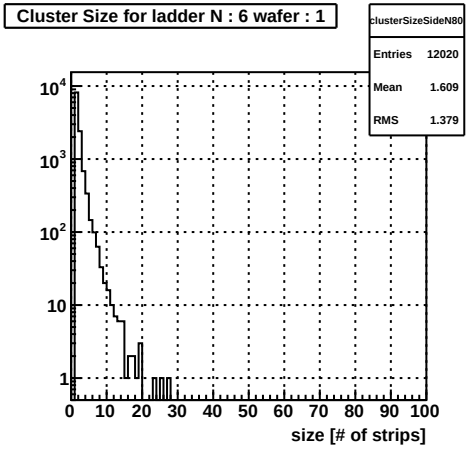

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 8304
Mean 1.549
RMS 0.7826
size [# of strips]

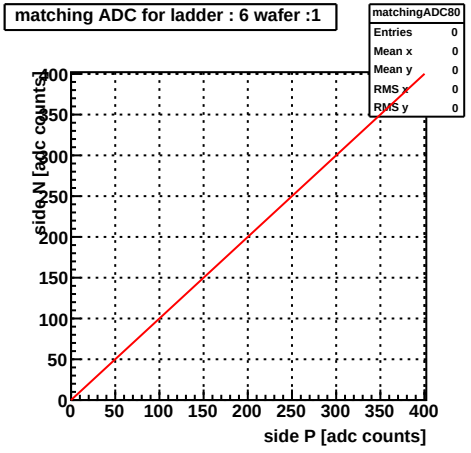

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 4771
Mean x 89.14
Mean y 100.7
RMS x 56.89
RMS y 60.6
side N [adc counts]
side P [adc counts]

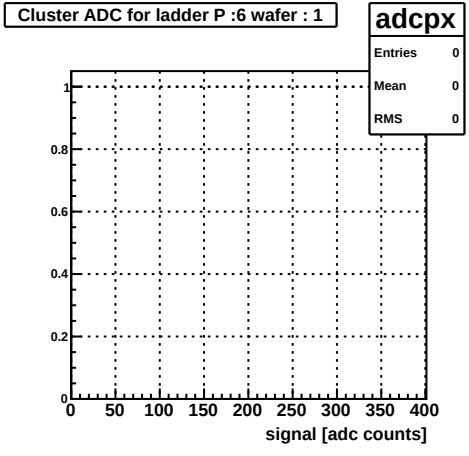

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 16066
Mean 71.11
RMS 56.66
signal [adc counts]

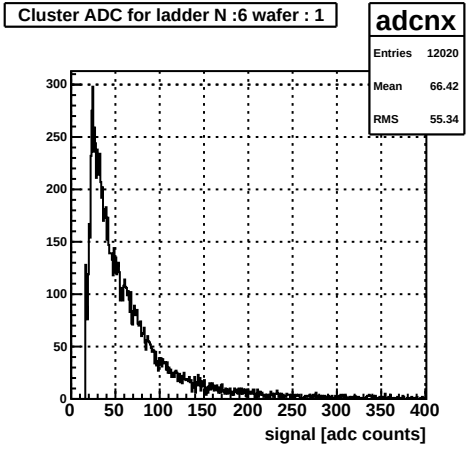

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 8304
Mean 89.5
RMS 62.52
signal [adc counts]

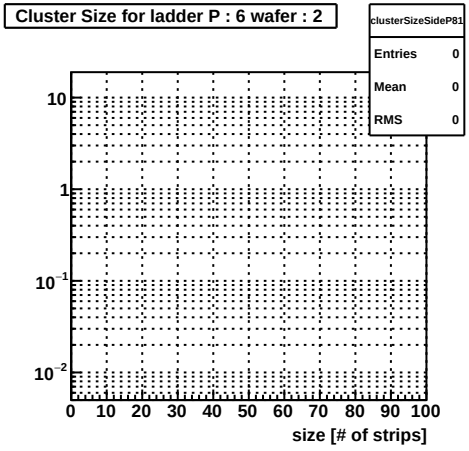

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 0
Mean 0
RMS 0
size [# of strips]

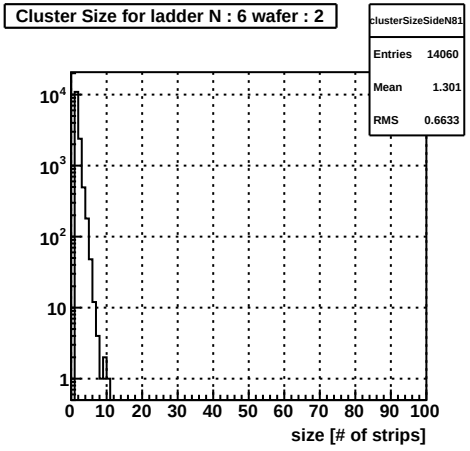

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 12020
Mean 1.609
RMS 1.379
size [# of strips]

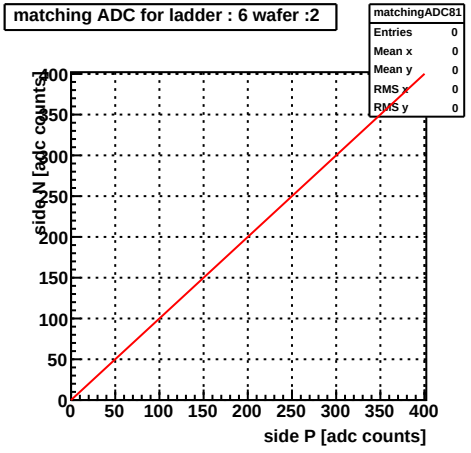

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

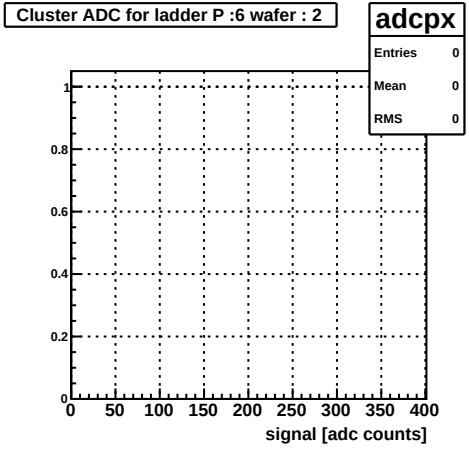

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

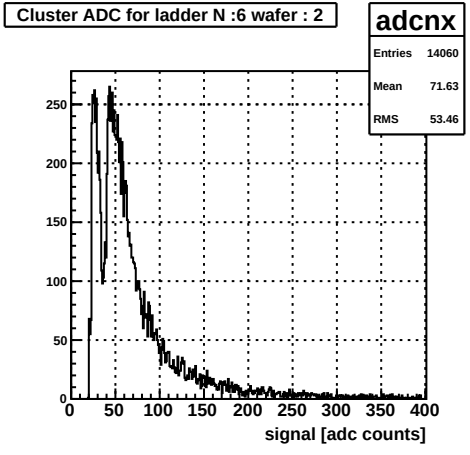

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 12020
Mean 66.42
RMS 55.34
signal [adc counts]

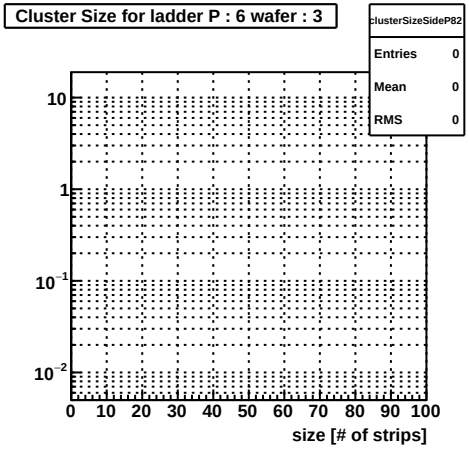

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 0
Mean 0
RMS 0
size [# of strips]

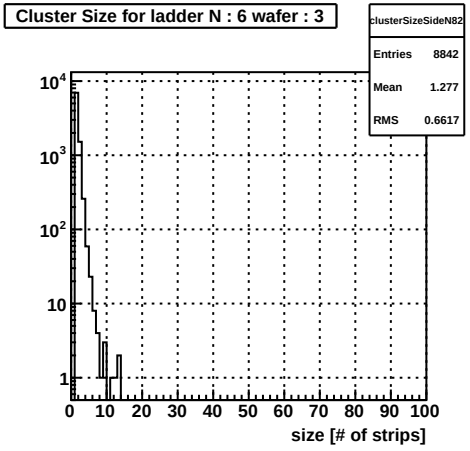

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 14060
Mean 1.301
RMS 0.6633
size [# of strips]

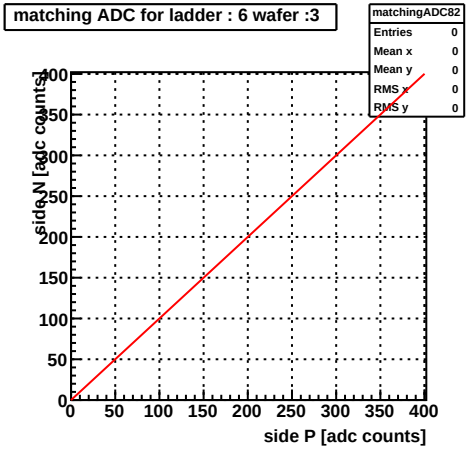

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

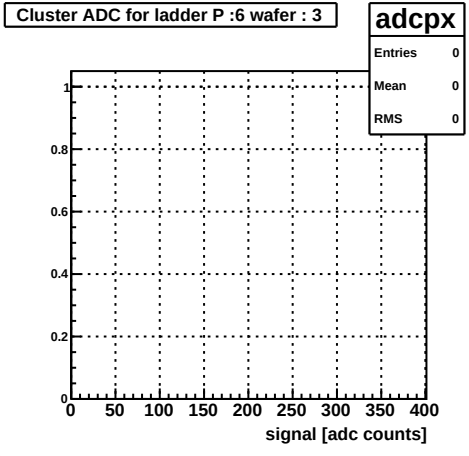

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

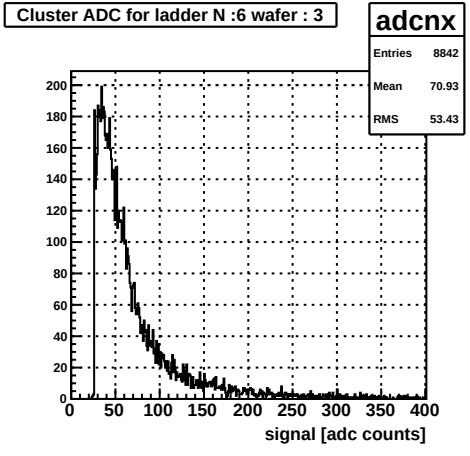

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 14060
Mean 71.63
RMS 53.46
signal [adc counts]

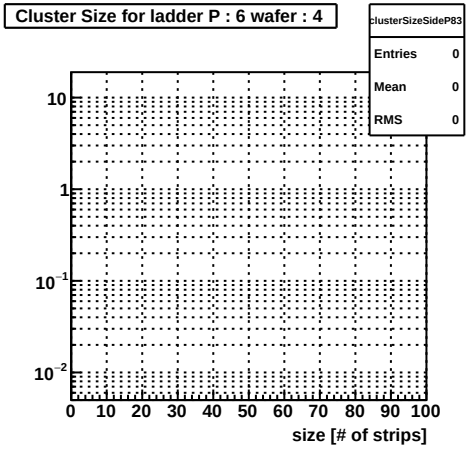

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 0
Mean 0
RMS 0
size [# of strips]

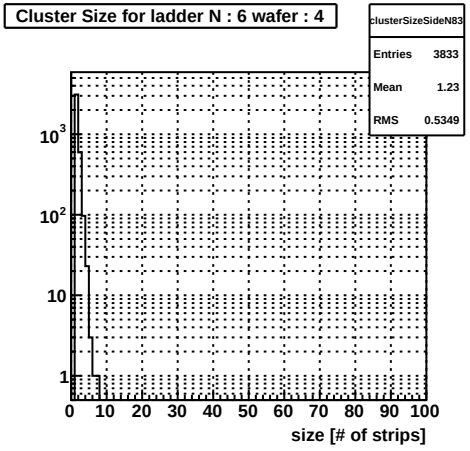

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 8842
Mean 1.277
RMS 0.6617
size [# of strips]

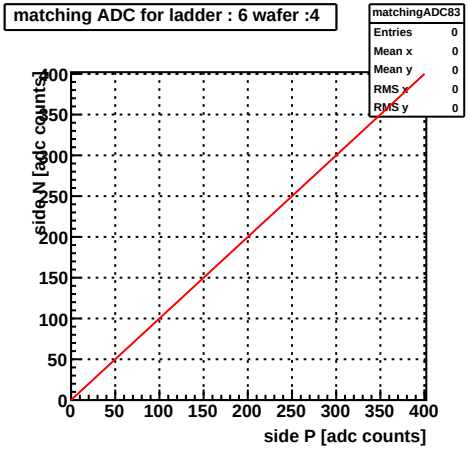

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

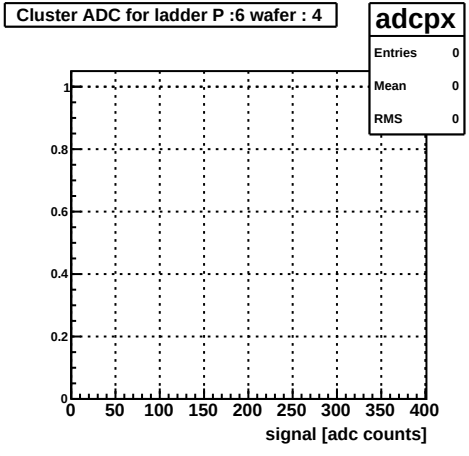

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

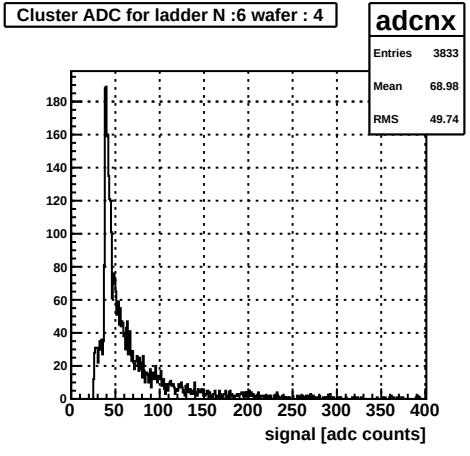

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 8842
Mean 70.93
RMS 53.43
signal [adc counts]

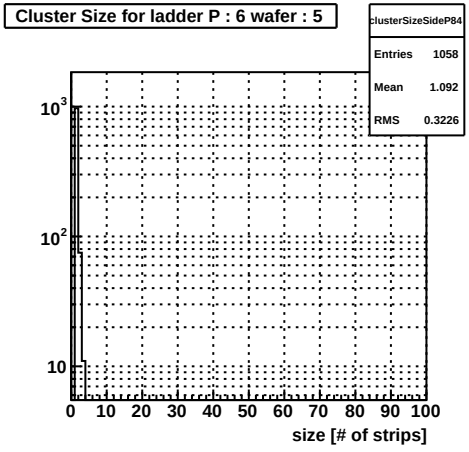

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 0
Mean 0
RMS 0
size [# of strips]

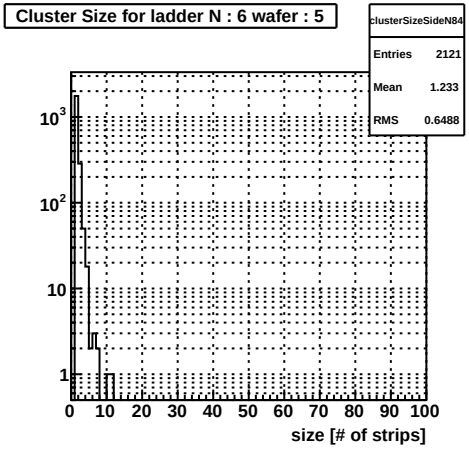

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 3833
Mean 1.23
RMS 0.5349
size [# of strips]

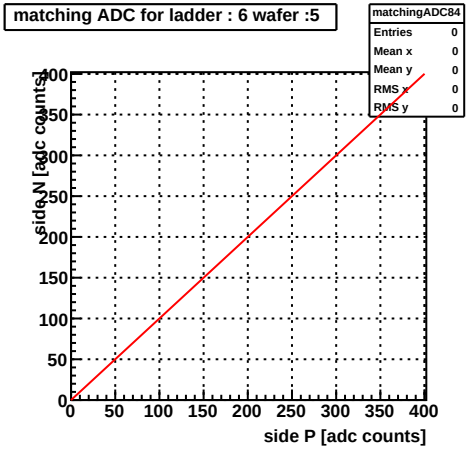

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

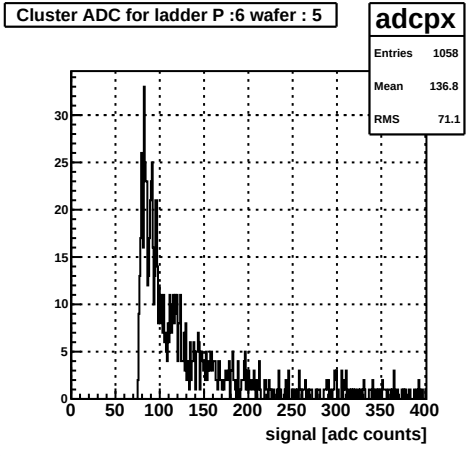

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

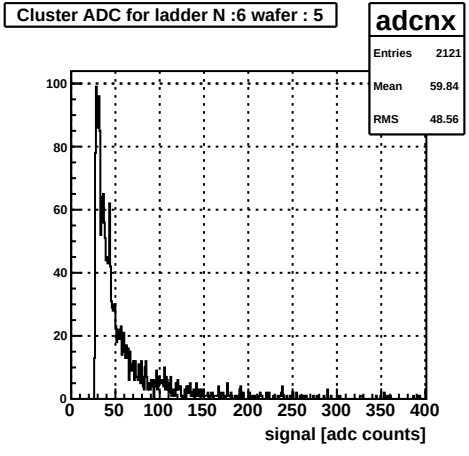

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 3833
Mean 68.98
RMS 49.74
signal [adc counts]

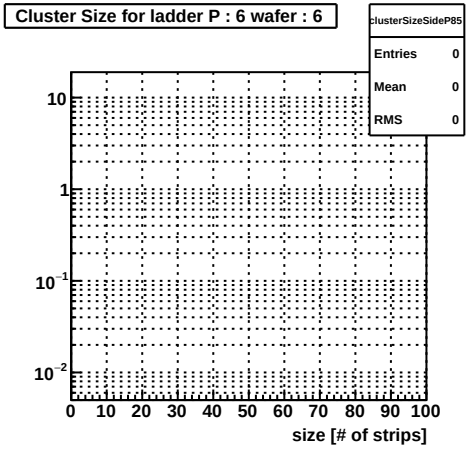

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1058
Mean 1.092
RMS 0.3226
size [# of strips]

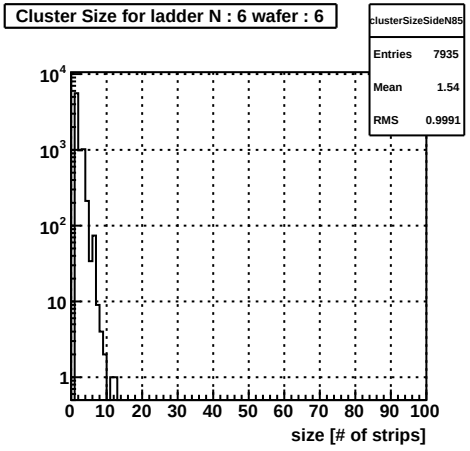

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2121
Mean 1.233
RMS 0.6488
size [# of strips]

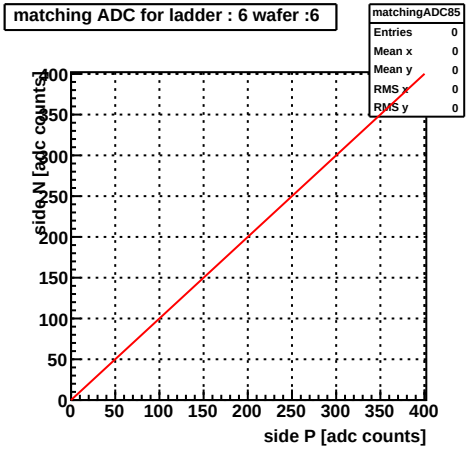

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

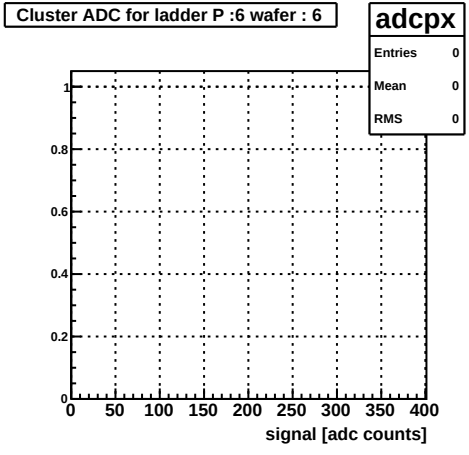

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1058
Mean 136.8
RMS 71.1
signal [adc counts]

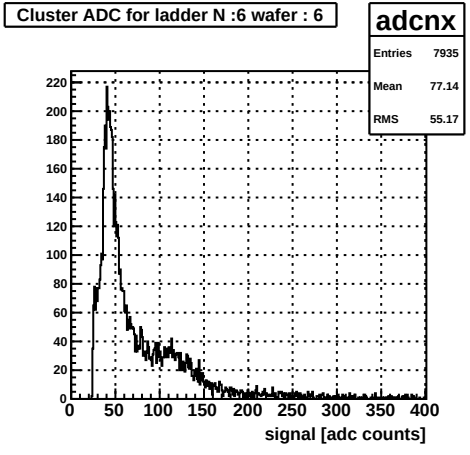

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2121
Mean 59.84
RMS 48.56
signal [adc counts]

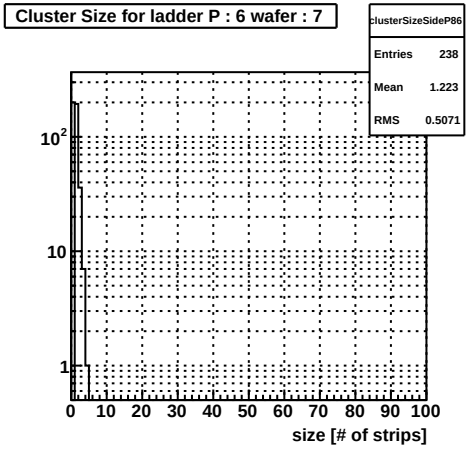

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 0
Mean 0
RMS 0
size [# of strips]

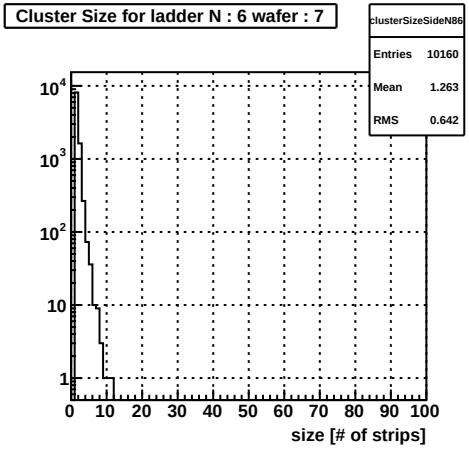

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 7935
Mean 1.54
RMS 0.9991
size [# of strips]

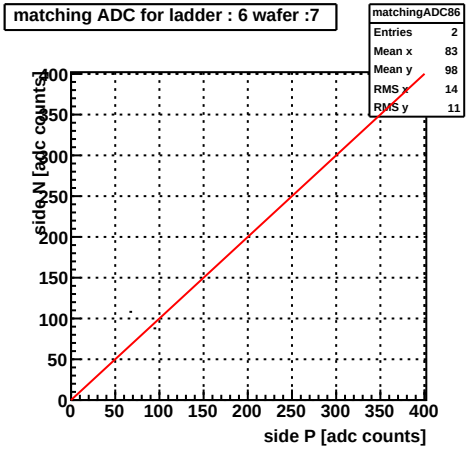

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

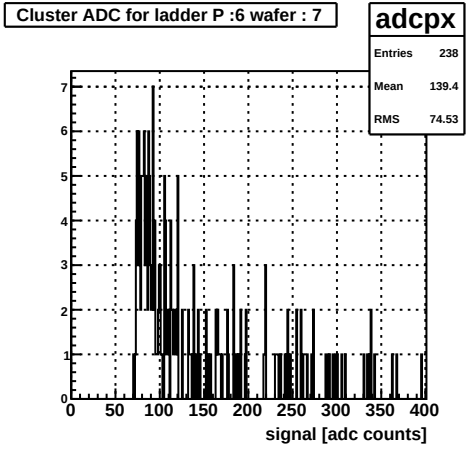

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

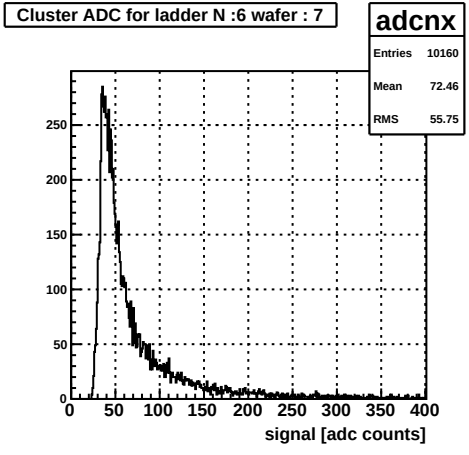

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 7935
Mean 77.14
RMS 55.17
signal [adc counts]

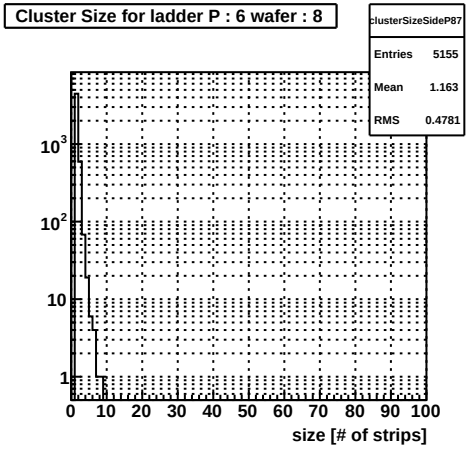

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 238
Mean 1.223
RMS 0.5071
size [# of strips]

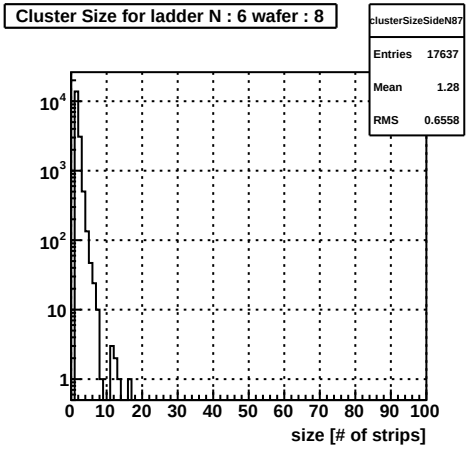

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 10160
Mean 1.263
RMS 0.642
size [# of strips]

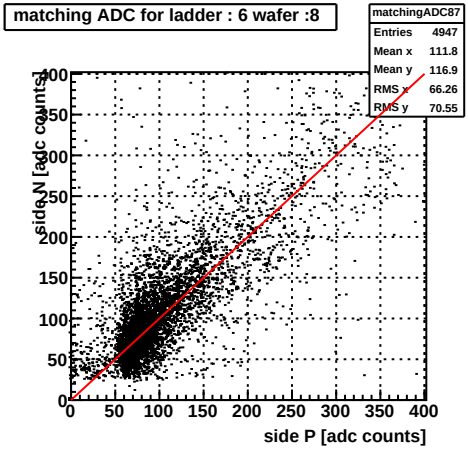

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 2
Mean x 83
Mean y 98
RMS x 14
RMS y 11
side N [adc counts]
side P [adc counts]

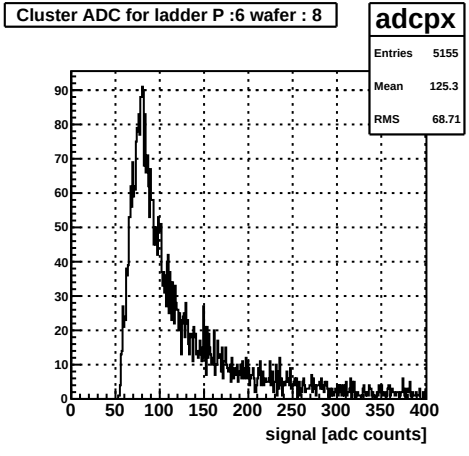

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 238
Mean 139.4
RMS 74.53
signal [adc counts]

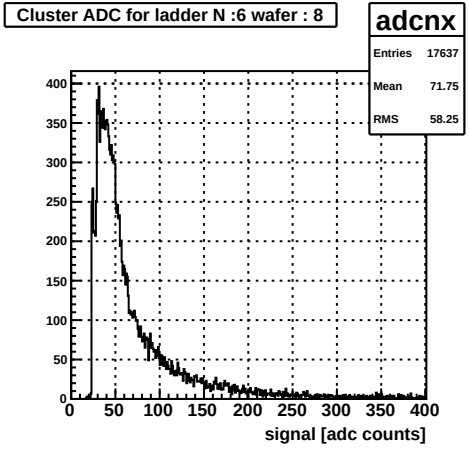

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 10160
Mean 72.46
RMS 55.75
signal [adc counts]

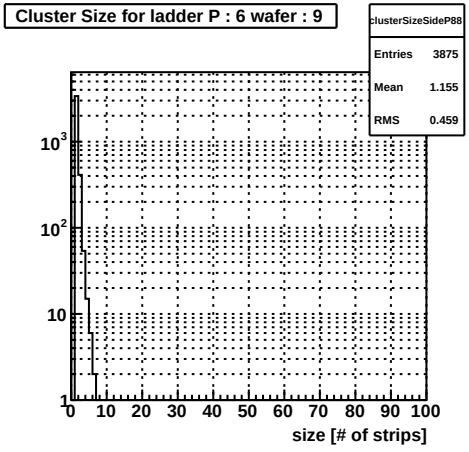

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 5155
Mean 1.163
RMS 0.4781
size [# of strips]

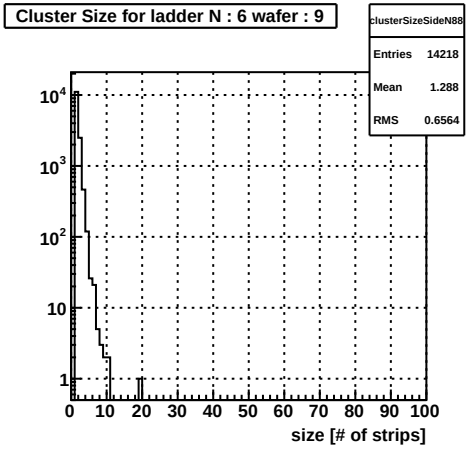

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 17637
Mean 1.28
RMS 0.6558
size [# of strips]

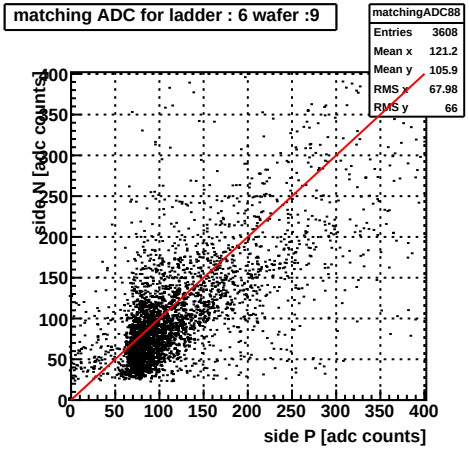

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 4947
Mean x 111.8
Mean y 116.9
RMS x 66.26
RMS y 70.55
side N [adc counts]
side P [adc counts]

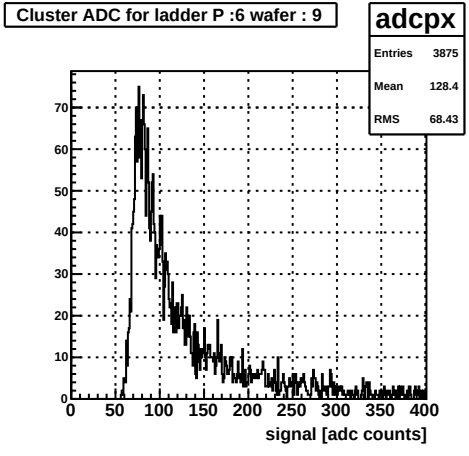

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 5155
Mean 125.3
RMS 68.71
signal [adc counts]

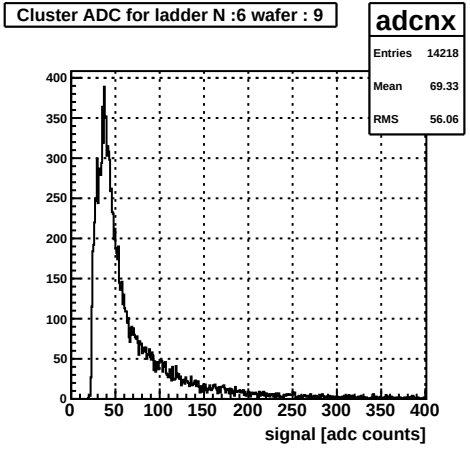

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 17637
Mean 71.75
RMS 58.25
signal [adc counts]

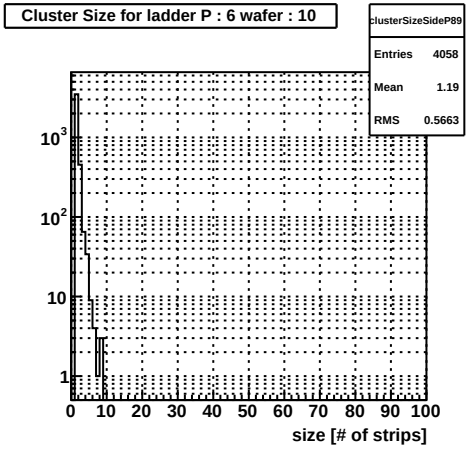

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3875
Mean 1.155
RMS 0.459
size [# of strips]

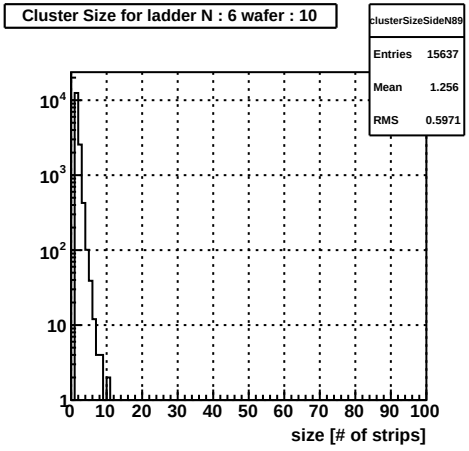

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 14218
Mean 1.288
RMS 0.6564
size [# of strips]

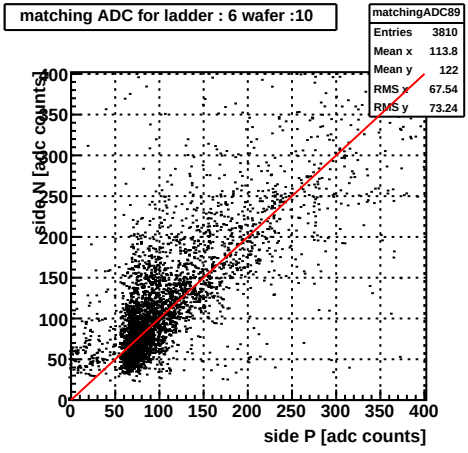

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 3608
Mean x 121.2
Mean y 105.9
RMS x 67.98
RMS y 66
side N [adc counts]
side P [adc counts]

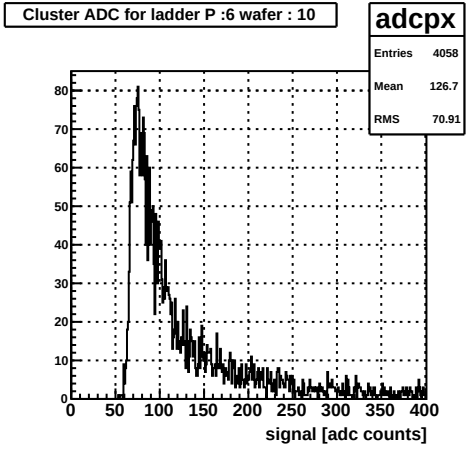

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3875
Mean 128.4
RMS 68.43
signal [adc counts]

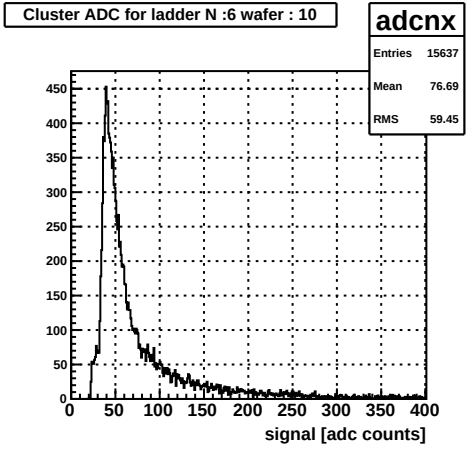

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 14218
Mean 69.33
RMS 56.06
signal [adc counts]

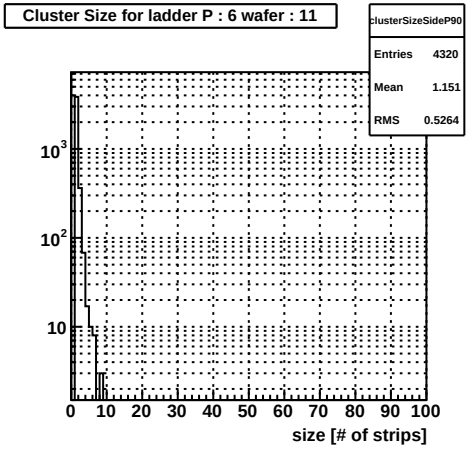

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4058
Mean 1.19
RMS 0.5663
size [# of strips]

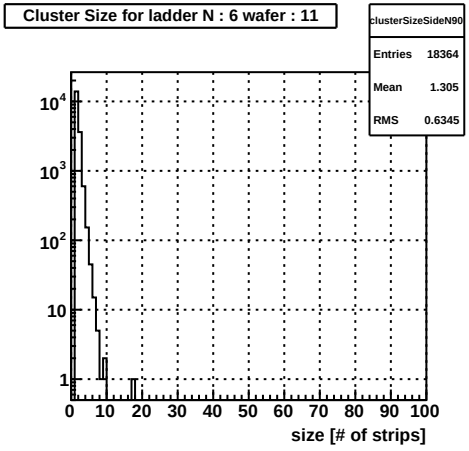

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 15637
Mean 1.256
RMS 0.5971
size [# of strips]

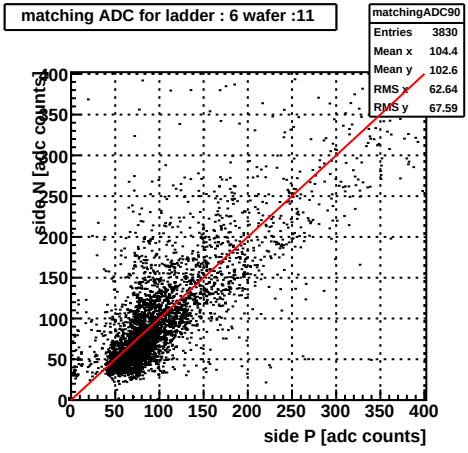

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 3810
Mean x 113.8
Mean y 122
RMS x 67.54
RMS y 73.24
side N [adc counts]
side P [adc counts]

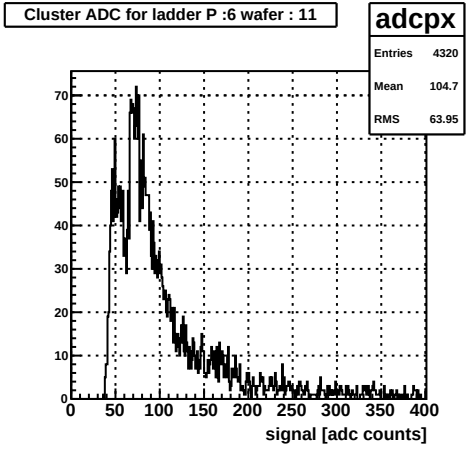

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4058
Mean 126.7
RMS 70.91
signal [adc counts]

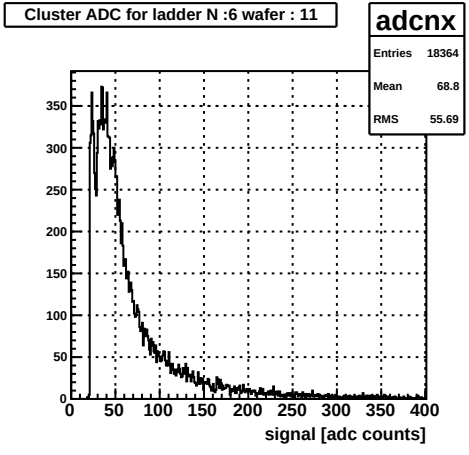

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 15637
Mean 76.69
RMS 59.45
signal [adc counts]

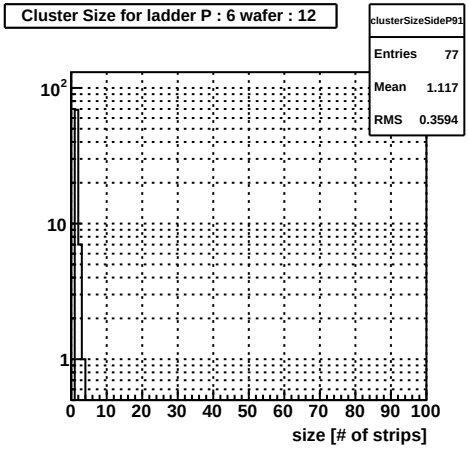

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 4320
Mean 1.151
RMS 0.5264
size [# of strips]

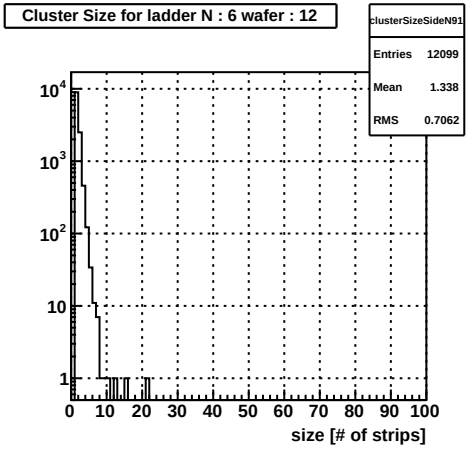

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18364
Mean 1.305
RMS 0.6345
size [# of strips]

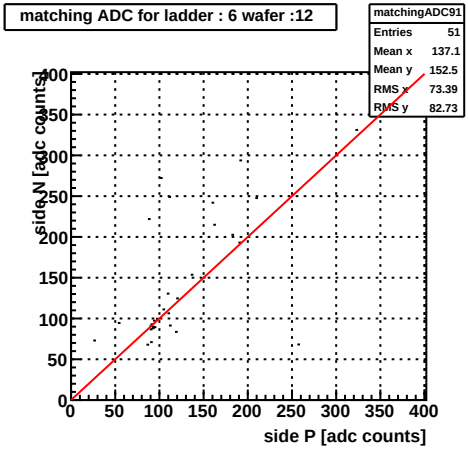

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 3830
Mean x 104.4
Mean y 102.6
RMS x 62.64
RMS y 67.59
side N [adc counts]
side P [adc counts]

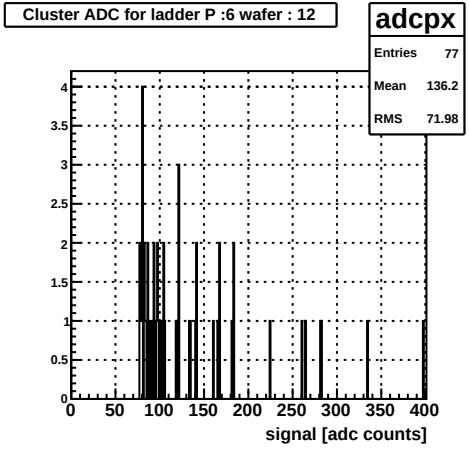

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 4320
Mean 104.7
RMS 63.95
signal [adc counts]

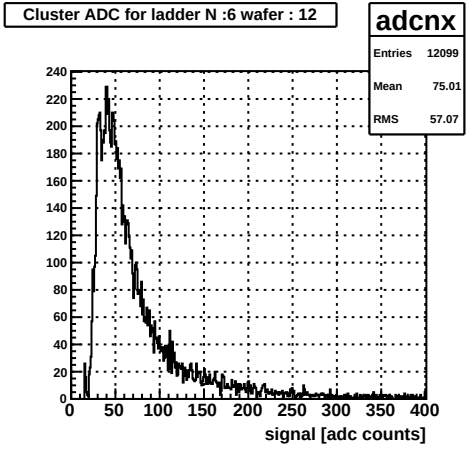

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18364
Mean 68.8
RMS 55.69
signal [adc counts]

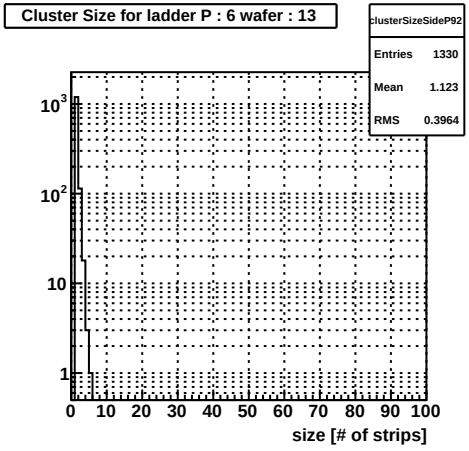

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 77
Mean 1.117
RMS 0.3594
size [# of strips]

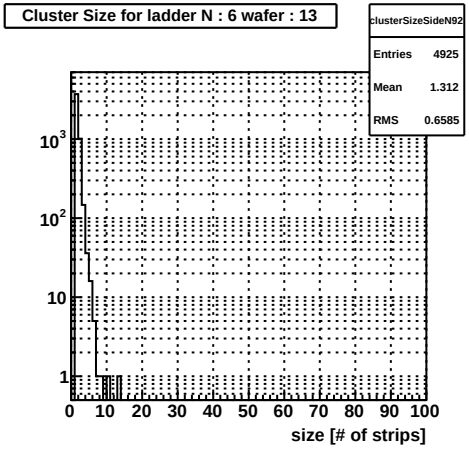

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 12099
Mean 1.338
RMS 0.7062
size [# of strips]

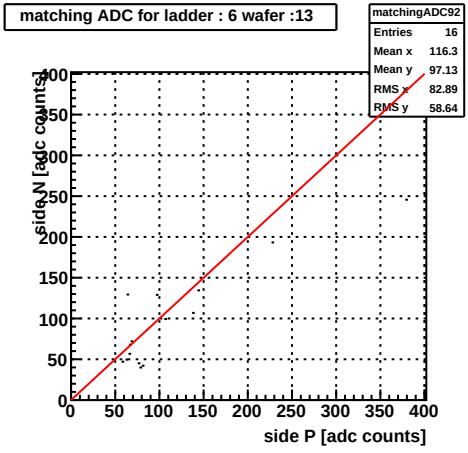

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 51
Mean x 137.1
Mean y 152.5
RMS x 73.39
RMS y 82.73
side N [adc counts]
side P [adc counts]

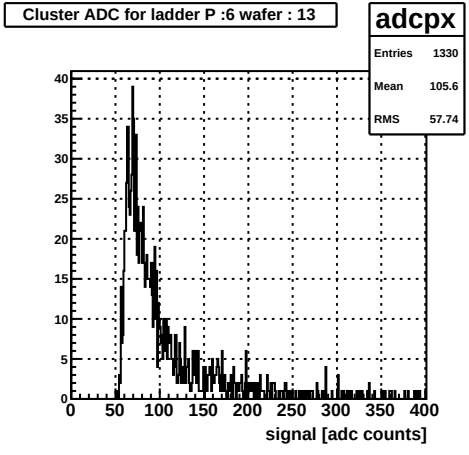

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 77
Mean 136.2
RMS 71.98
signal [adc counts]

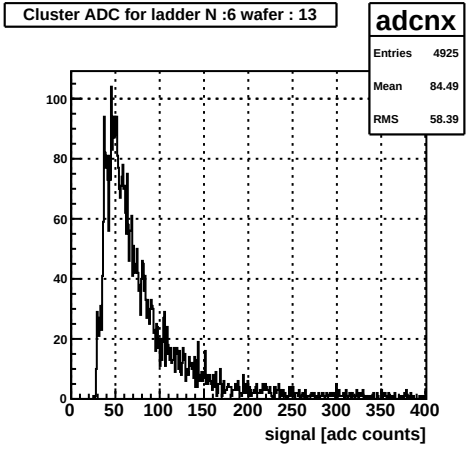

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 12099
Mean 75.01
RMS 57.07
signal [adc counts]

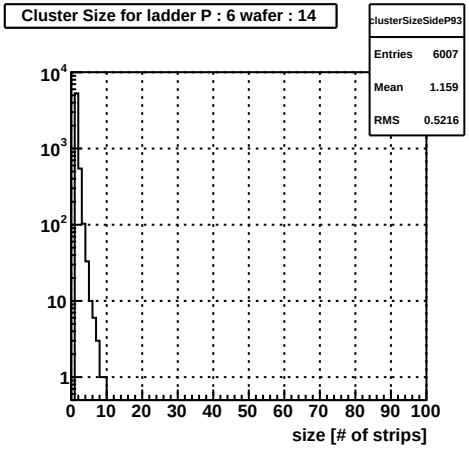

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1330
Mean 1.123
RMS 0.3964
size [# of strips]

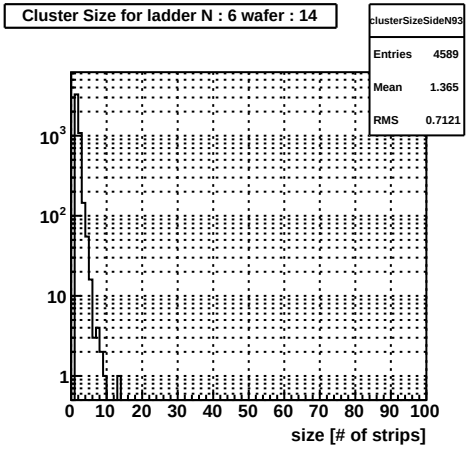

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4925
Mean 1.312
RMS 0.6585
size [# of strips]

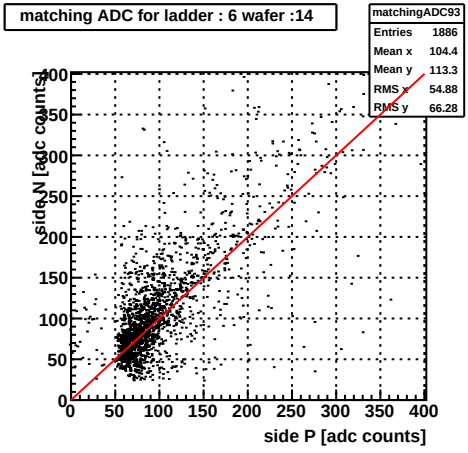

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 16
Mean x 116.3
Mean y 97.13
RMS x 82.89
RMS y 58.64
side N [adc counts]
side P [adc counts]

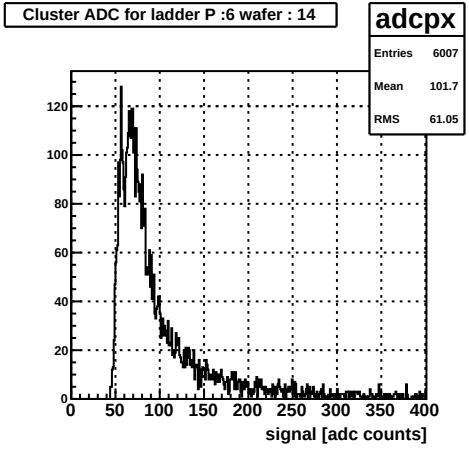

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1330
Mean 105.6
RMS 57.74
signal [adc counts]

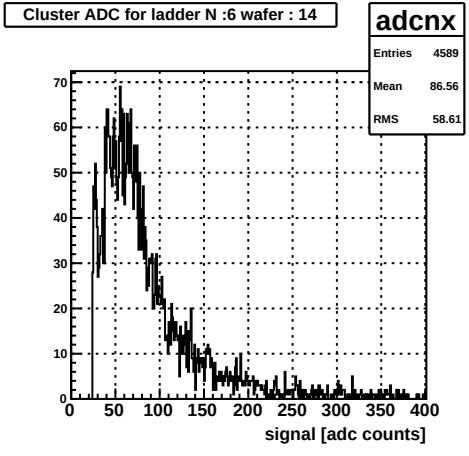

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4925
Mean 84.49
RMS 58.39
signal [adc counts]

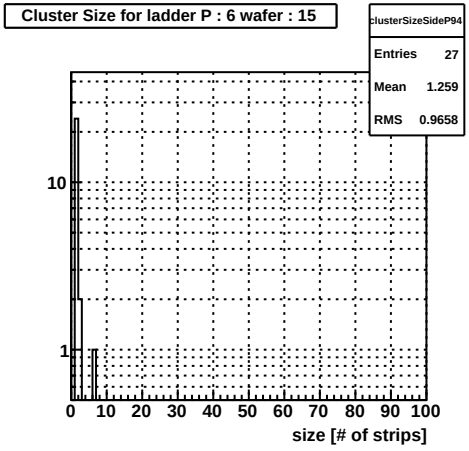

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 6007
Mean 1.159
RMS 0.5216
size [# of strips]

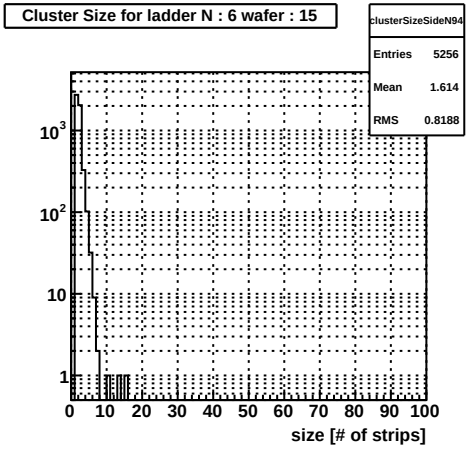

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4589
Mean 1.365
RMS 0.7121
size [# of strips]

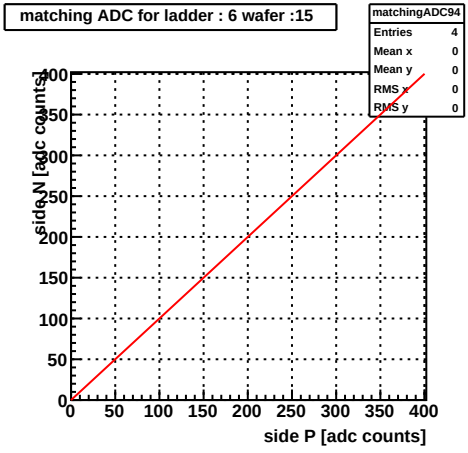

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1886
Mean x 104.4
Mean y 113.3
RMS x 54.88
RMS y 66.28
side N [adc counts]
side P [adc counts]

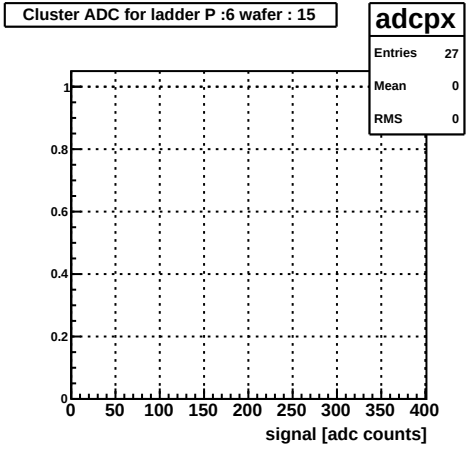

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 6007
Mean 101.7
RMS 61.05
signal [adc counts]

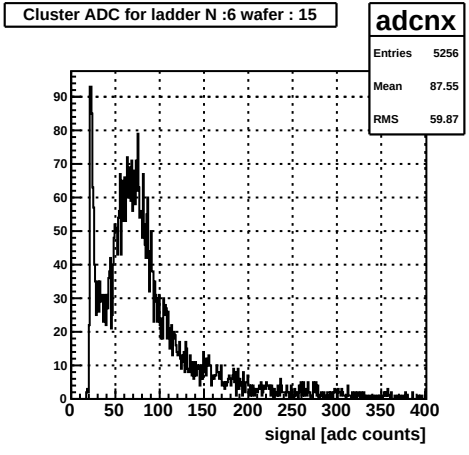

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4589
Mean 86.56
RMS 58.61
signal [adc counts]

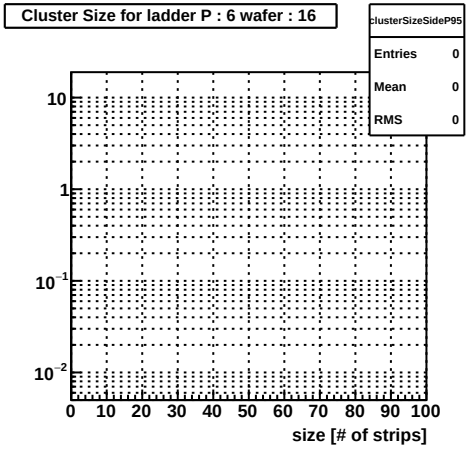

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 27
Mean 1.259
RMS 0.9658
size [# of strips]

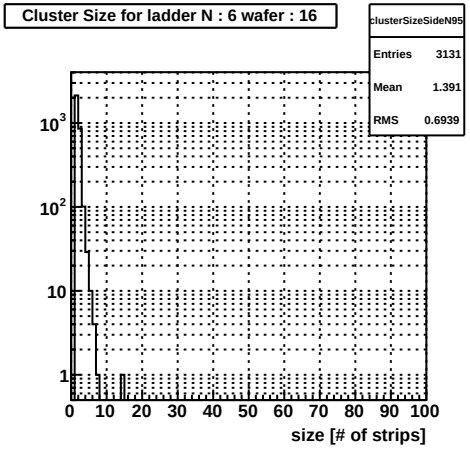

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 5256
Mean 1.614
RMS 0.8188
size [# of strips]

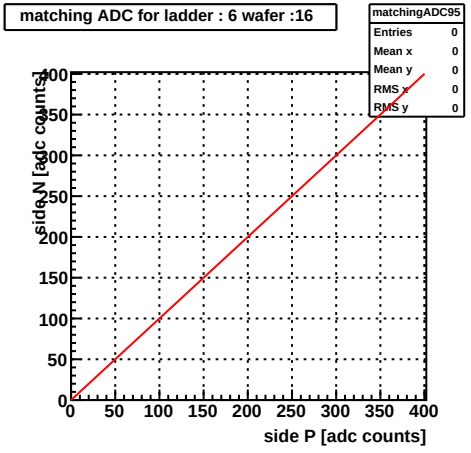

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

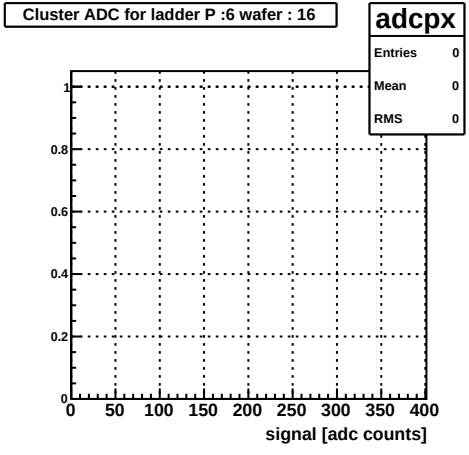

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 27
Mean 0
RMS 0
signal [adc counts]

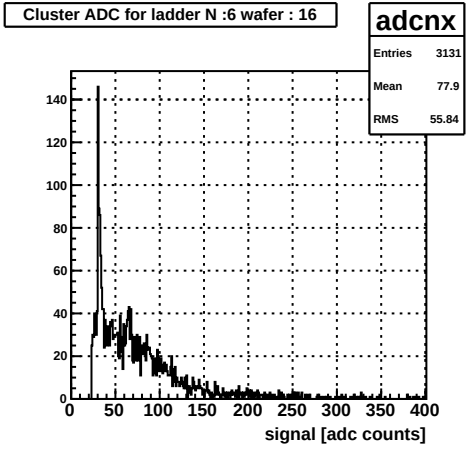

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 5256
Mean 87.55
RMS 59.87
signal [adc counts]

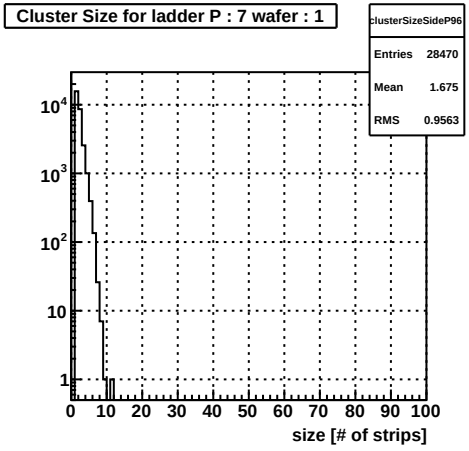

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

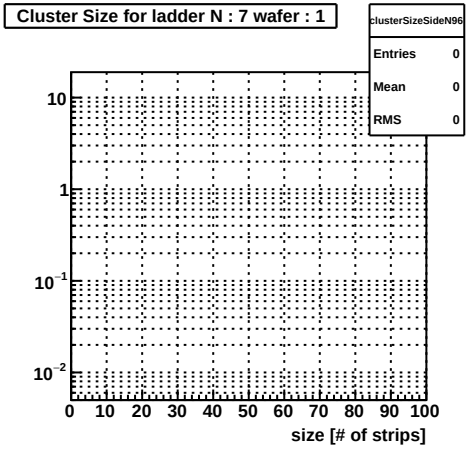

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3131
Mean 1.391
RMS 0.6939
size [# of strips]

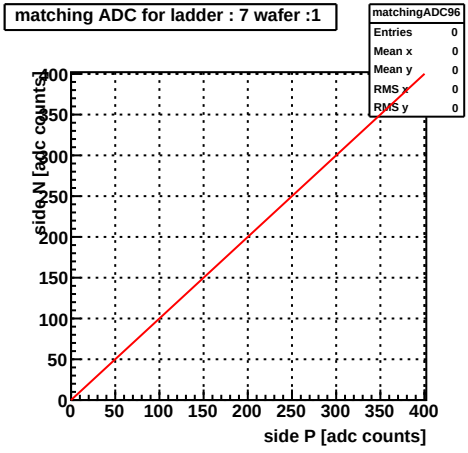

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

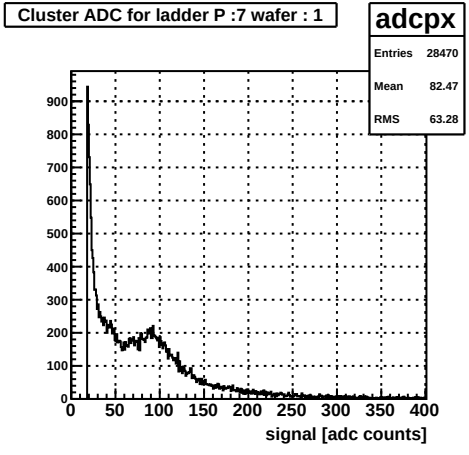

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

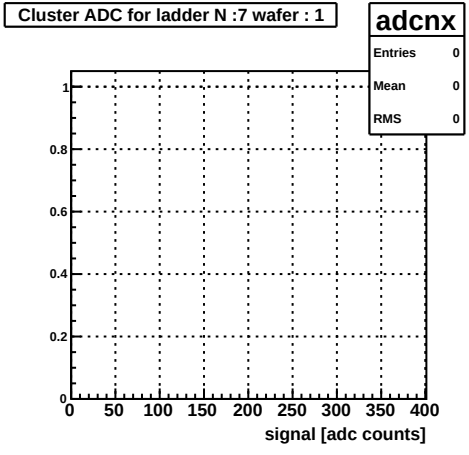

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3131
Mean 77.9
RMS 55.84
signal [adc counts]

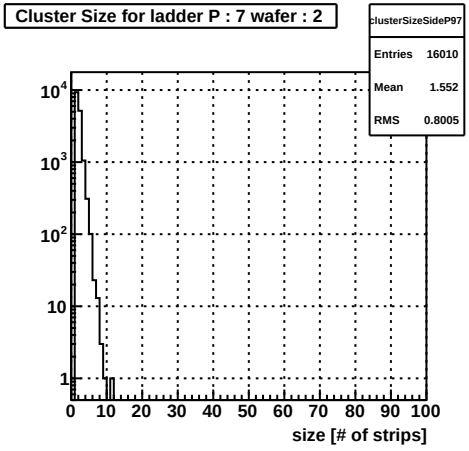

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 28470
Mean 1.675
RMS 0.9563
size [# of strips]

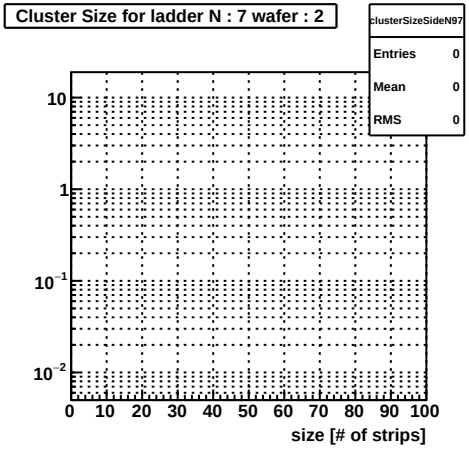

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

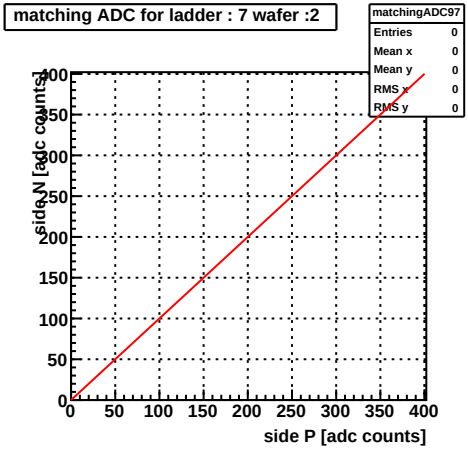

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

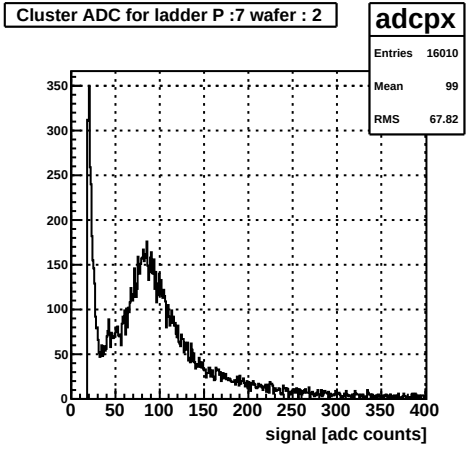

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 28470
Mean 82.47
RMS 63.28
signal [adc counts]

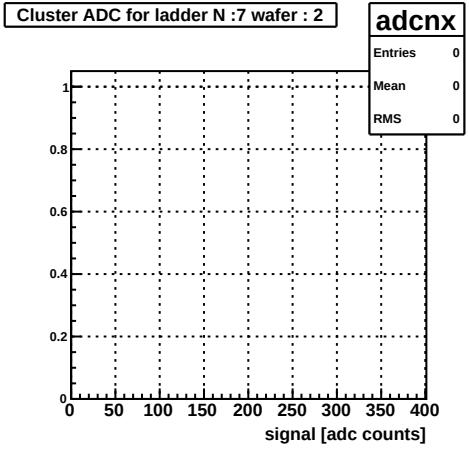

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

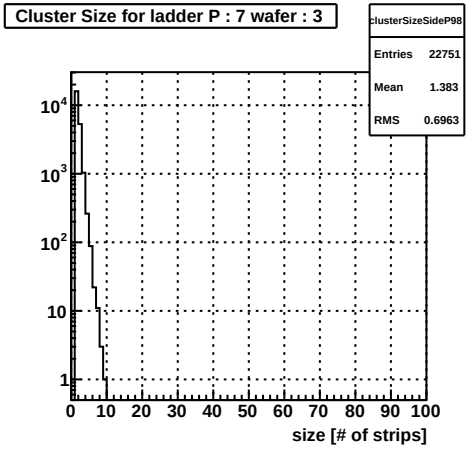

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 16010
Mean 1.552
RMS 0.8005
size [# of strips]

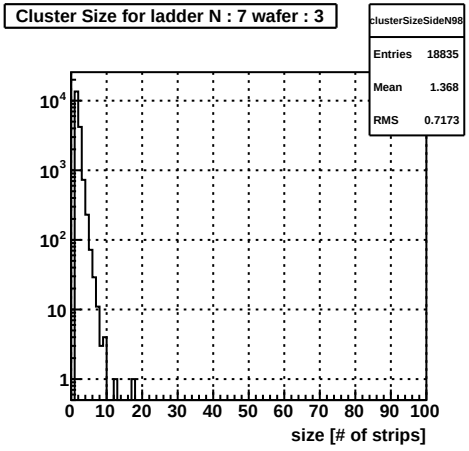

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

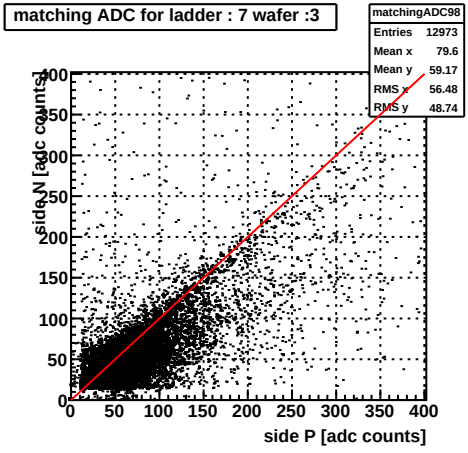

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

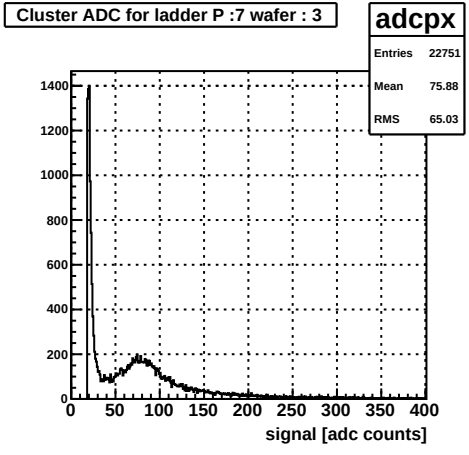

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 16010
Mean 99
RMS 67.82
signal [adc counts]

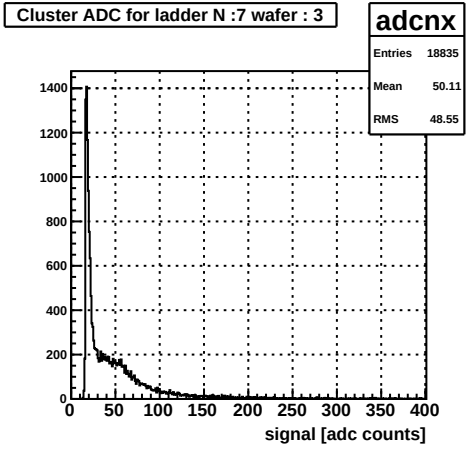

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

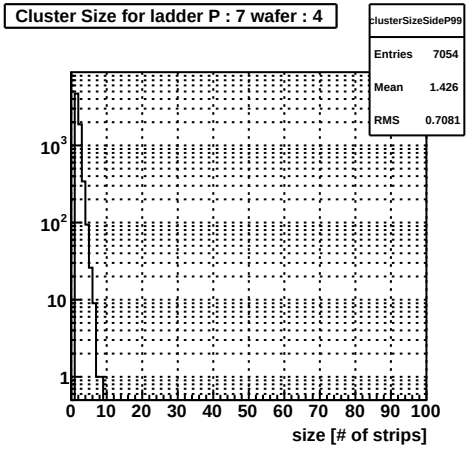

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 22751
Mean 1.383
RMS 0.6963
size [# of strips]

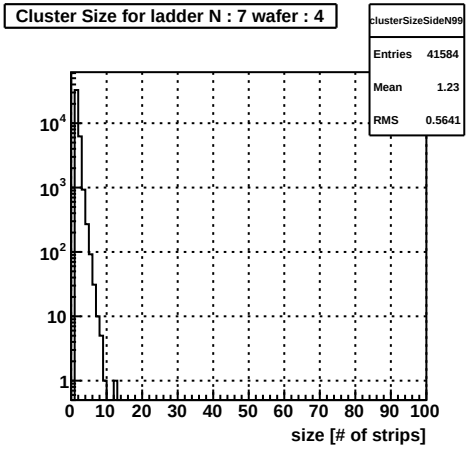

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 18835
Mean 1.368
RMS 0.7173
size [# of strips]

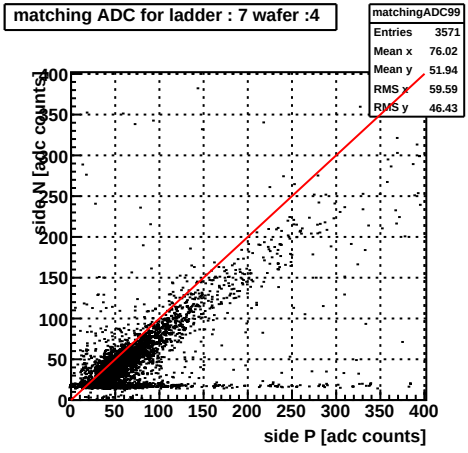

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 12973
Mean x 79.6
Mean y 59.17
RMS x 56.48
RMS y 48.74
side N [adc counts]
side P [adc counts]

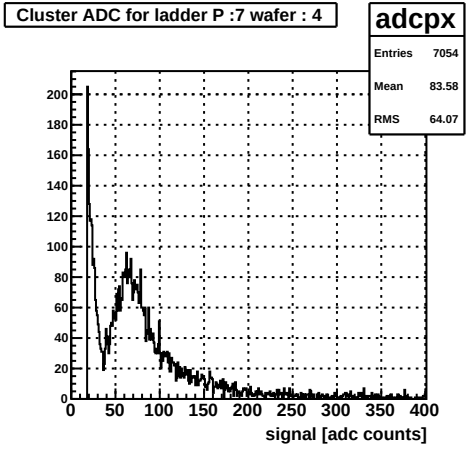

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 22751
Mean 75.88
RMS 65.03
signal [adc counts]

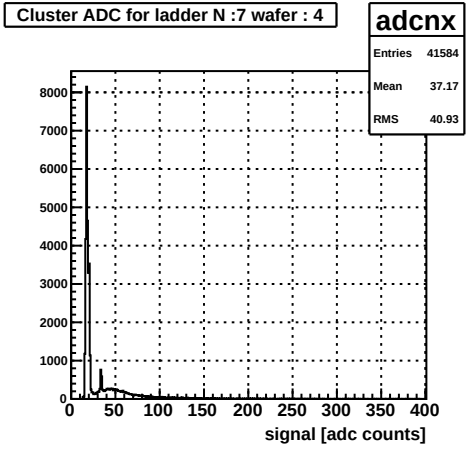

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 18835
Mean 50.11
RMS 48.55
signal [adc counts]

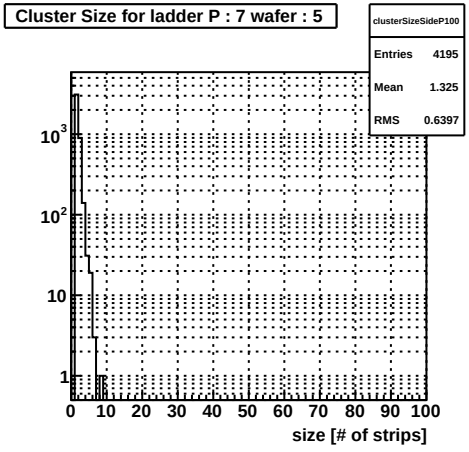

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 7054
Mean 1.426
RMS 0.7081
size [# of strips]

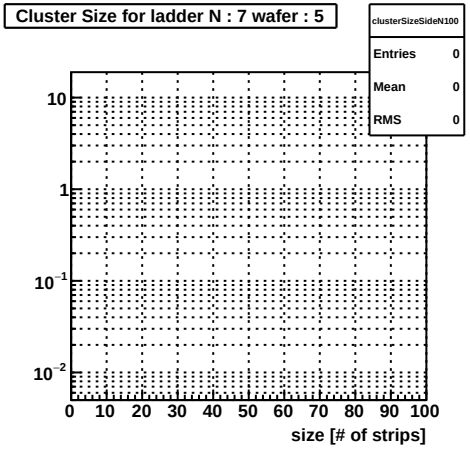

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 41584
Mean 1.23
RMS 0.5641
size [# of strips]

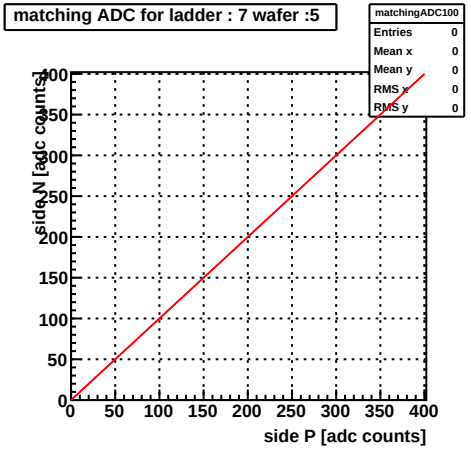

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 3571
Mean x 76.02
Mean y 51.94
RMS x 59.59
RMS y 46.43
side N [adc counts]
side P [adc counts]

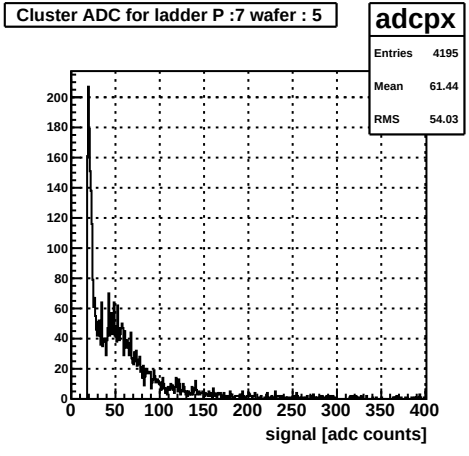

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 7054
Mean 83.58
RMS 64.07
signal [adc counts]

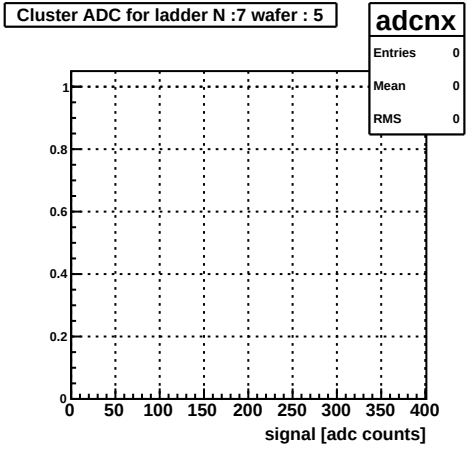

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 41584
Mean 37.17
RMS 40.93
signal [adc counts]

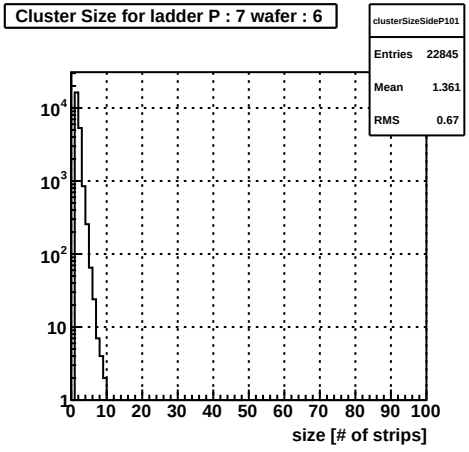

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 4195
Mean 1.325
RMS 0.6397
size [# of strips]

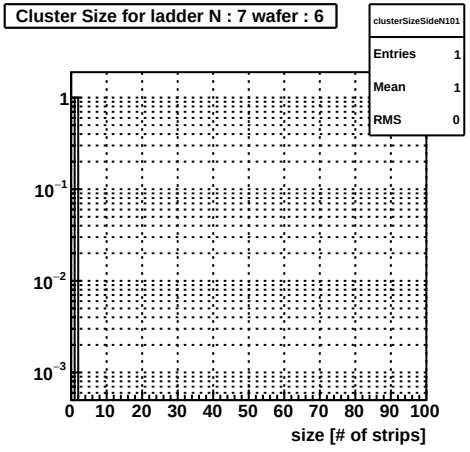

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

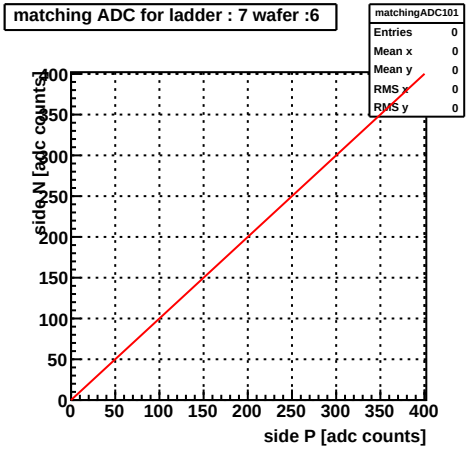

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

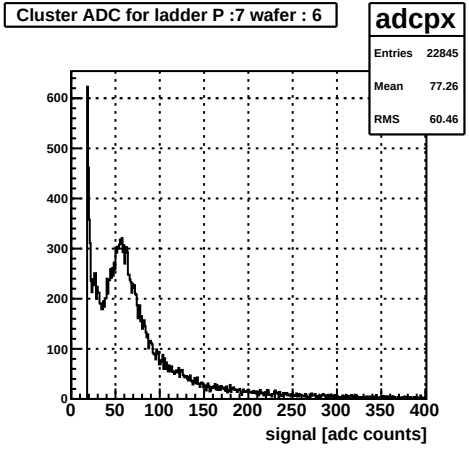

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 4195
Mean 61.44
RMS 54.03
signal [adc counts]

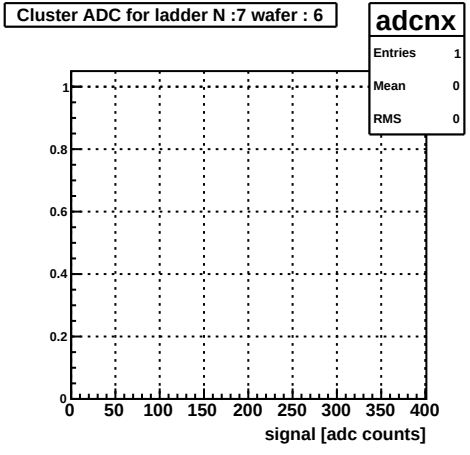

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

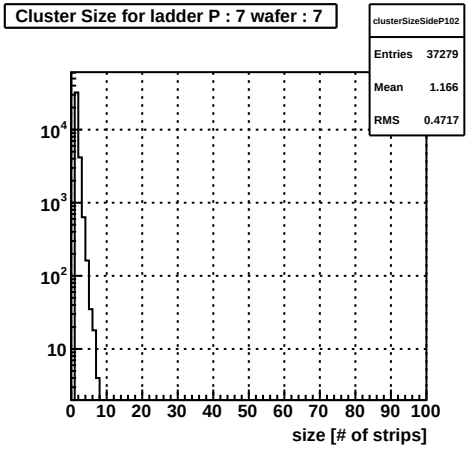

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 22845
Mean 1.361
RMS 0.67
size [# of strips]

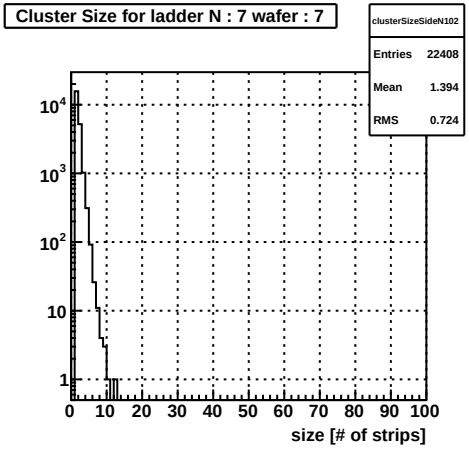

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 1
RMS 0
size [# of strips]

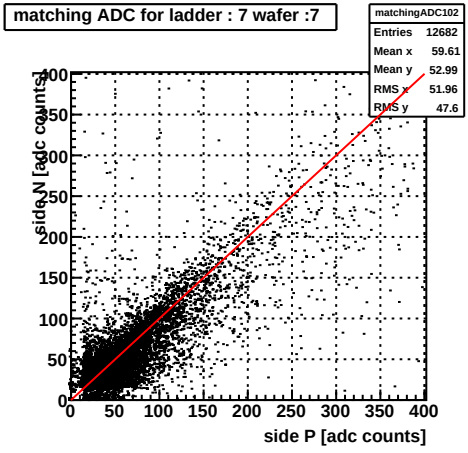

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

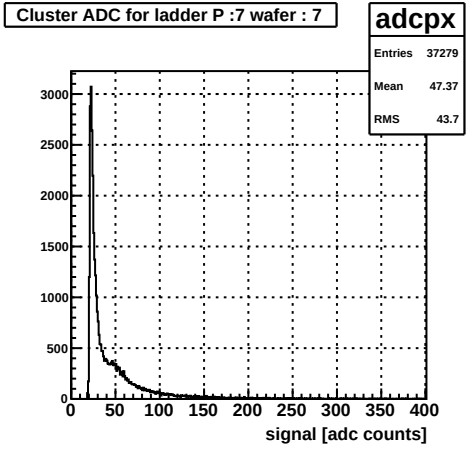

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 22845
Mean 77.26
RMS 60.46
signal [adc counts]

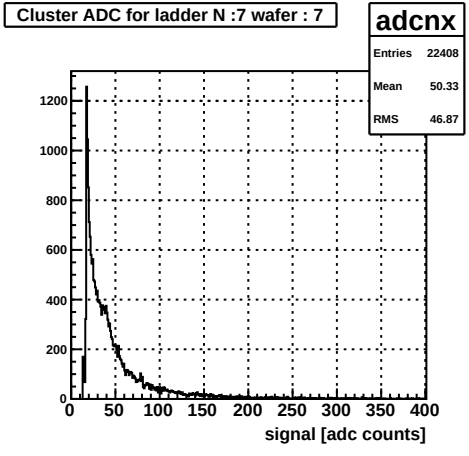

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

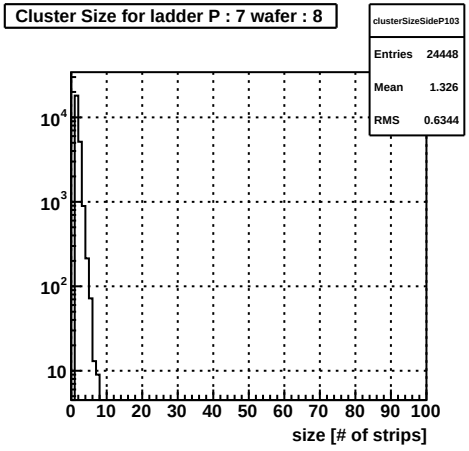

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 37279
Mean 1.166
RMS 0.4717
size [# of strips]

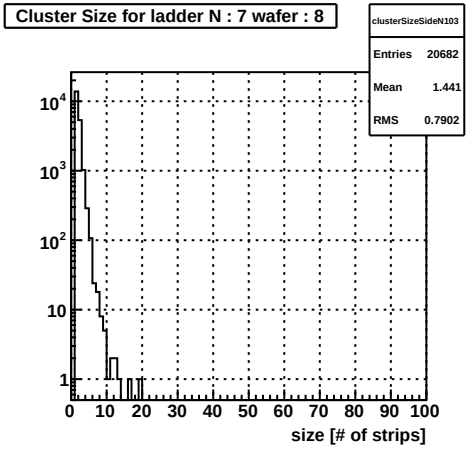

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 22408
Mean 1.394
RMS 0.724
size [# of strips]

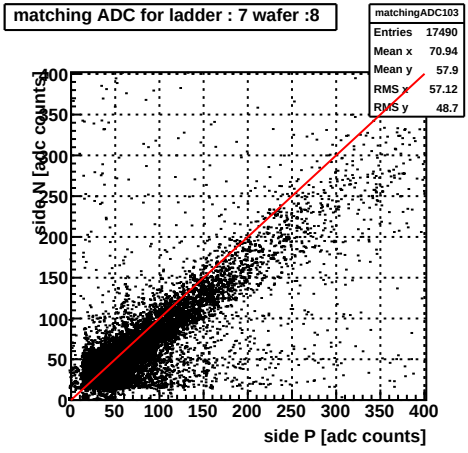

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 12682
Mean x 59.61
Mean y 52.99
RMS x 51.96
RMS y 47.6
side N [adc counts]
side P [adc counts]

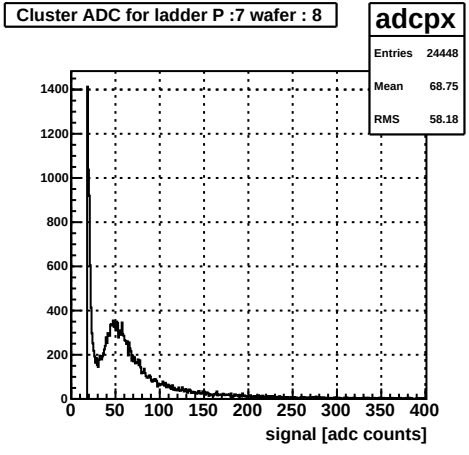

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 37279
Mean 47.37
RMS 43.7
signal [adc counts]

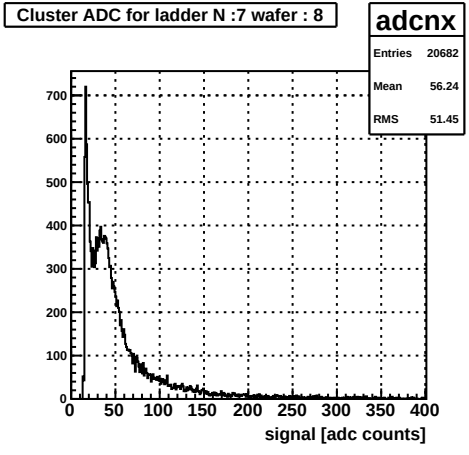

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 22408
Mean 50.33
RMS 46.87
signal [adc counts]

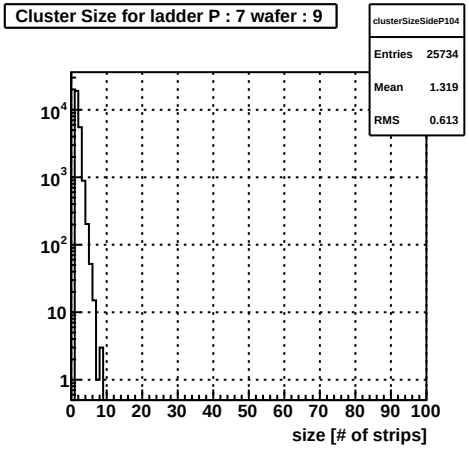

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 24448
Mean 1.326
RMS 0.6344
size [# of strips]

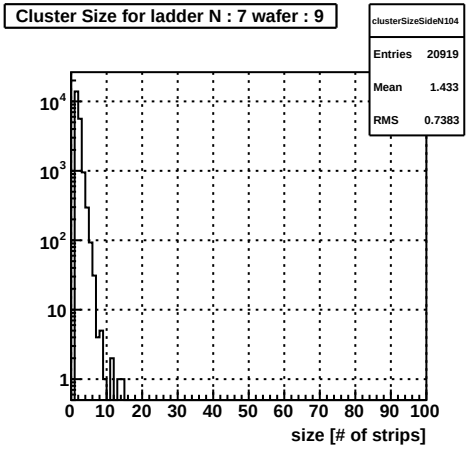

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 20682
Mean 1.441
RMS 0.7902
size [# of strips]

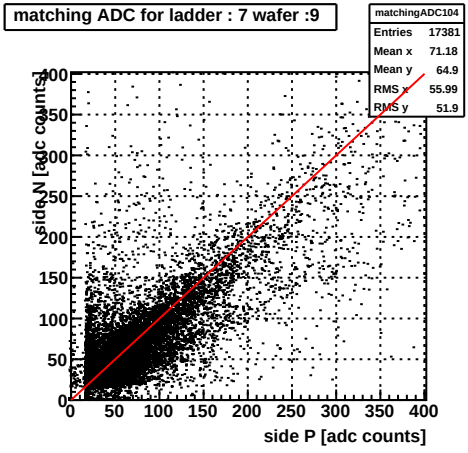

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 17490
Mean x 70.94
Mean y 57.9
RMS x 57.12
RMS y 48.7
side N [adc counts]
side P [adc counts]

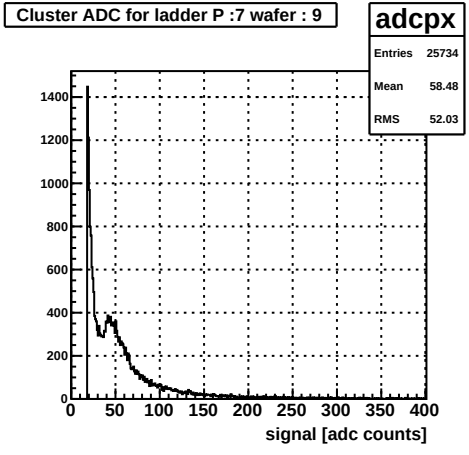

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 24448
Mean 68.75
RMS 58.18
signal [adc counts]

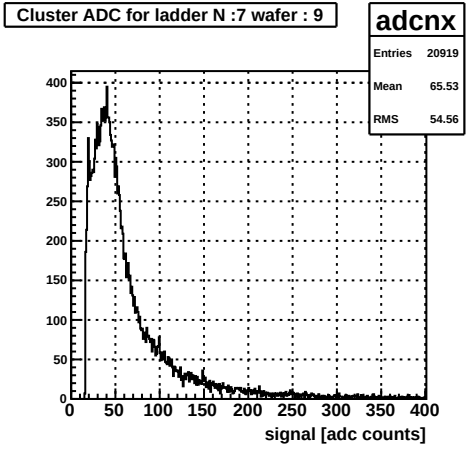

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 20682
Mean 56.24
RMS 51.45
signal [adc counts]

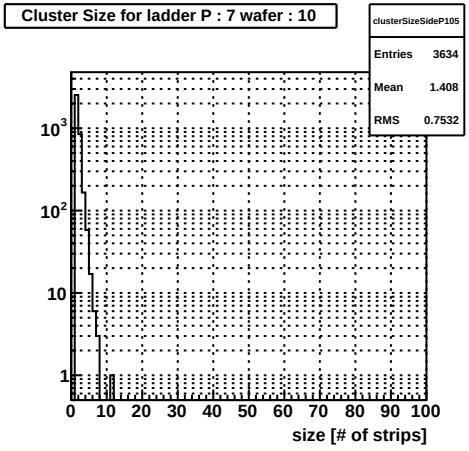

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 25734
Mean 1.319
RMS 0.613
size [# of strips]

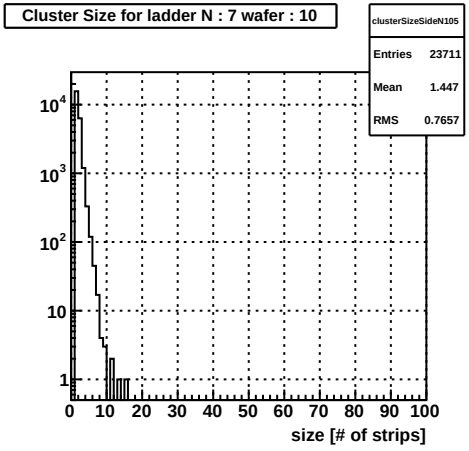

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 20919
Mean 1.433
RMS 0.7383
size [# of strips]

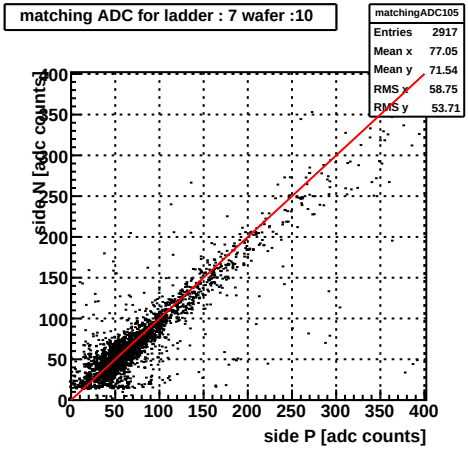

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 17381
Mean x 71.18
Mean y 64.9
RMS x 55.99
RMS y 51.9
side N [adc counts]
side P [adc counts]

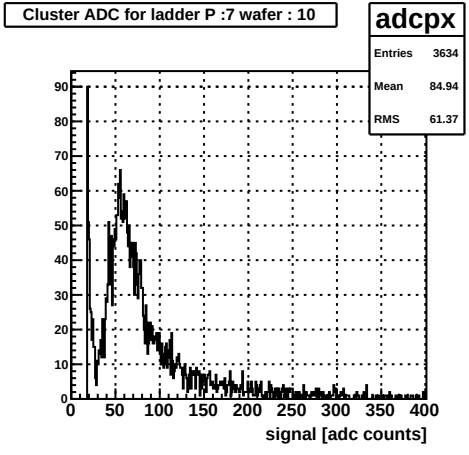

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 25734
Mean 58.48
RMS 52.03
signal [adc counts]

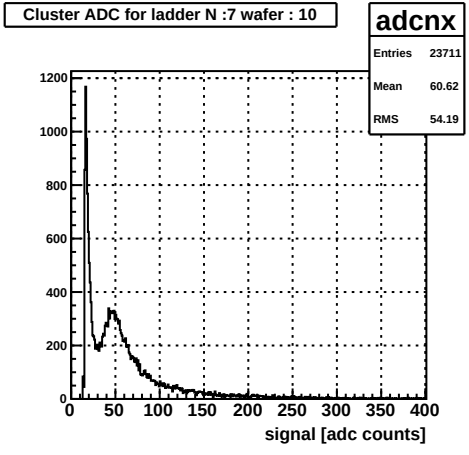

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 20919
Mean 65.53
RMS 54.56
signal [adc counts]

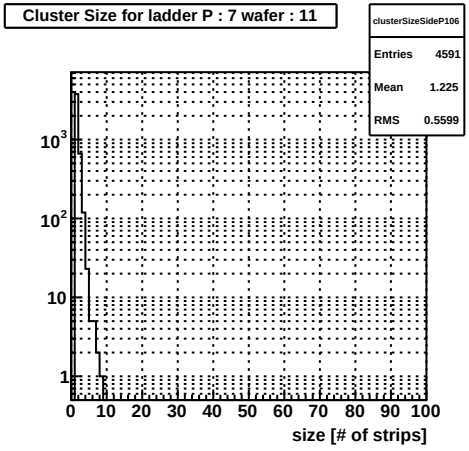

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3634
Mean 1.408
RMS 0.7532
size [# of strips]

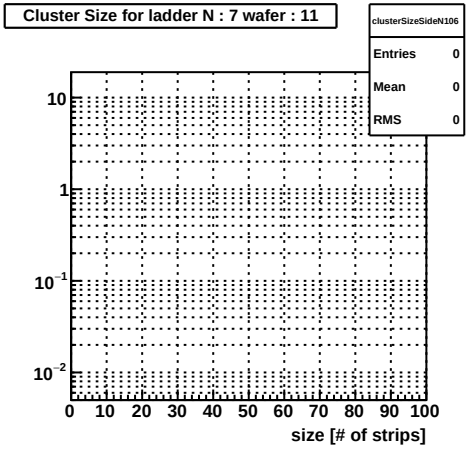

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 23711
Mean 1.447
RMS 0.7657
size [# of strips]

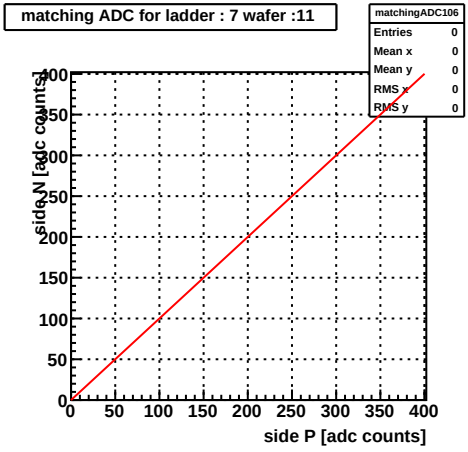

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2917
Mean x 77.05
Mean y 71.54
RMS x 58.75
RMS y 53.71
side N [adc counts]
side P [adc counts]

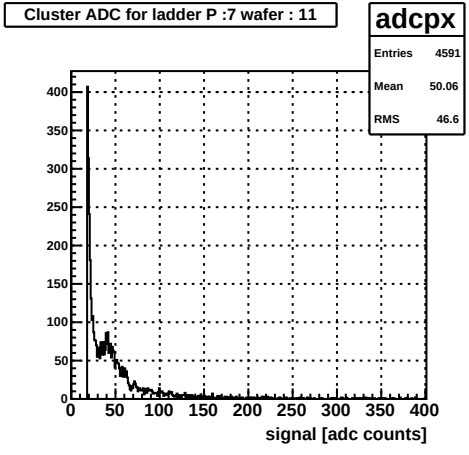

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3634
Mean 84.94
RMS 61.37
signal [adc counts]

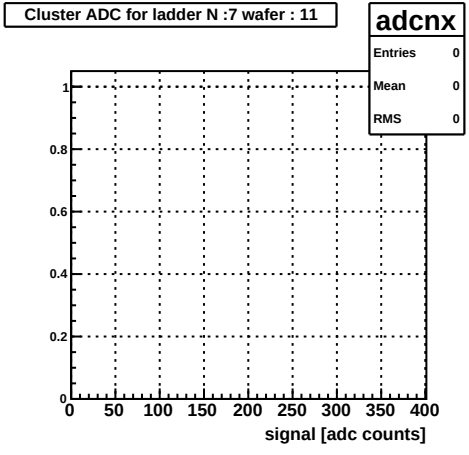

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 23711
Mean 60.62
RMS 54.19
signal [adc counts]

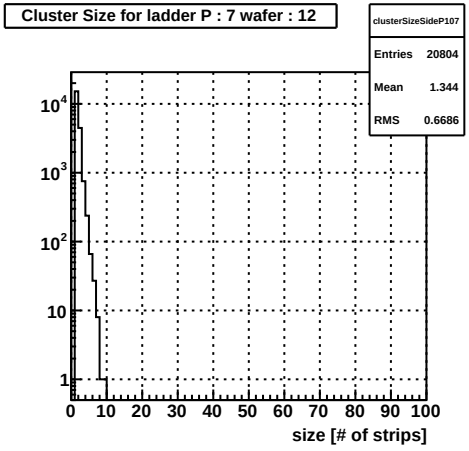

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 4591
Mean 1.225
RMS 0.5599
size [# of strips]

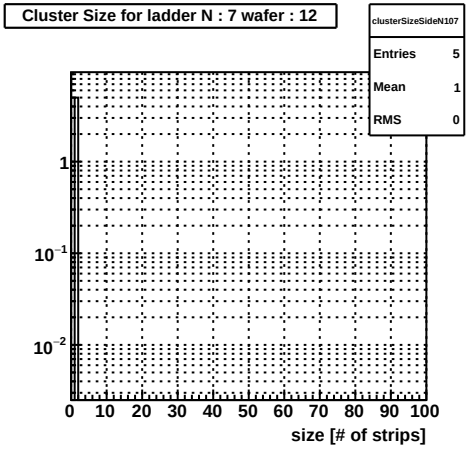

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

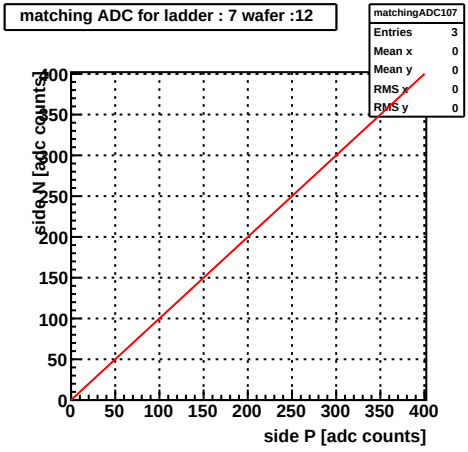

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

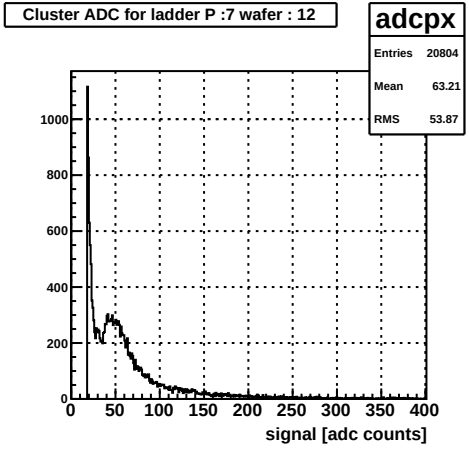

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 4591
Mean 50.06
RMS 46.6
signal [adc counts]

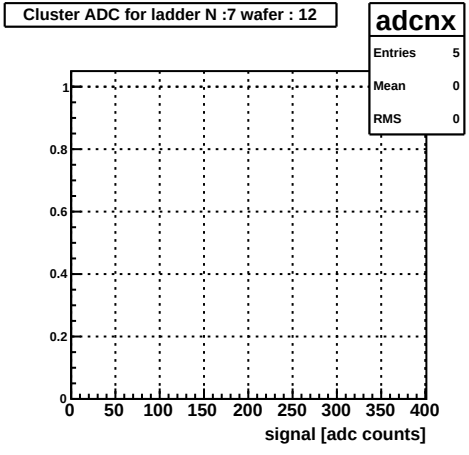

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

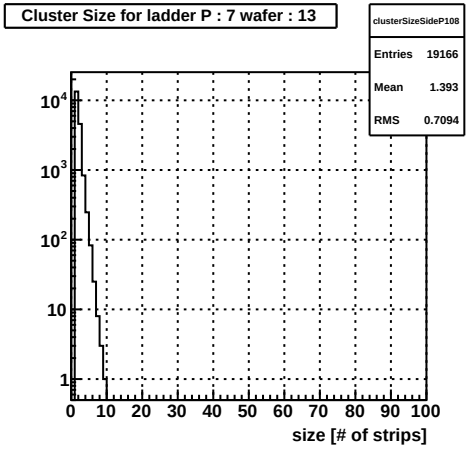

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 20804
Mean 1.344
RMS 0.6686
size [# of strips]

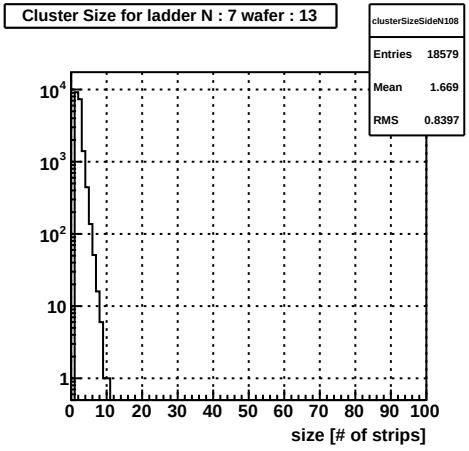

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 5
Mean 1
RMS 0
size [# of strips]

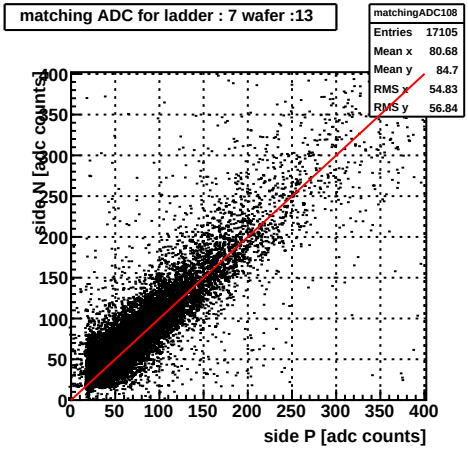

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

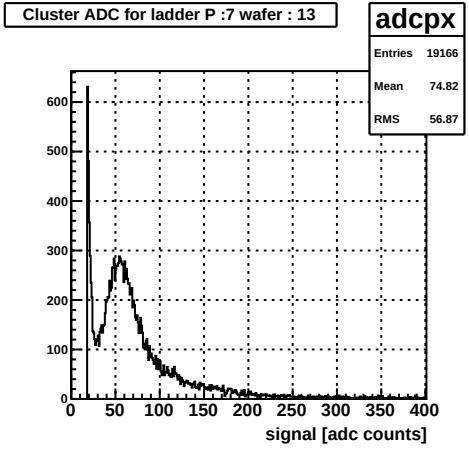

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 20804
Mean 63.21
RMS 53.87
signal [adc counts]

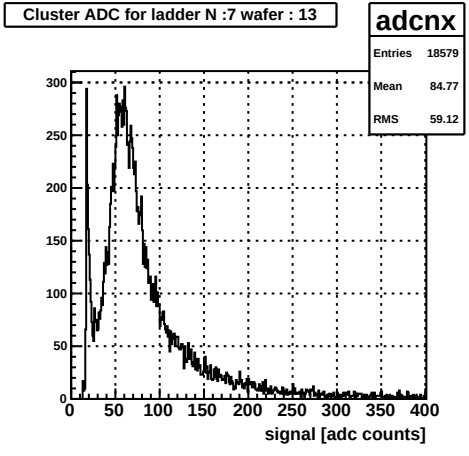

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

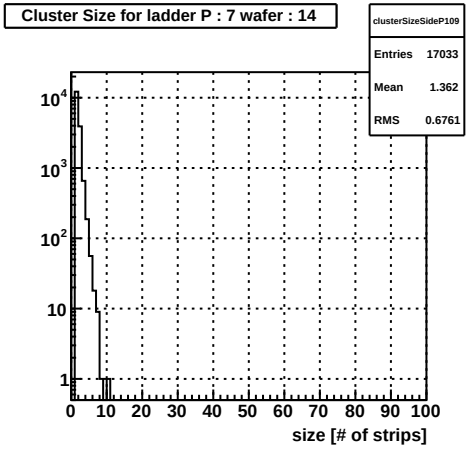

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 19166
Mean 1.393
RMS 0.7094
size [# of strips]

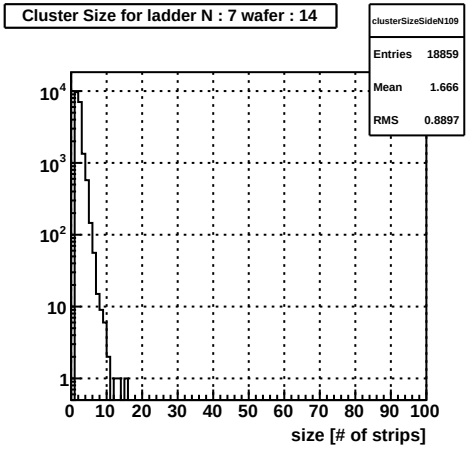

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 18579
Mean 1.669
RMS 0.8397
size [# of strips]

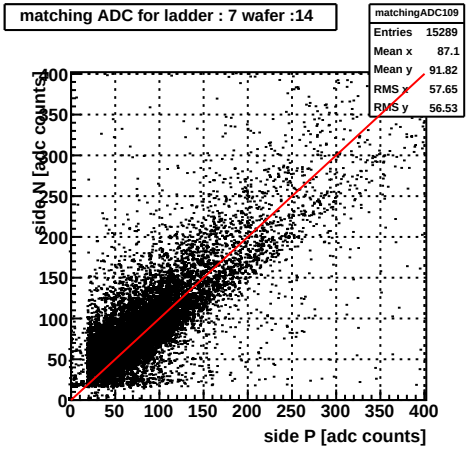

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 17105
Mean x 80.68
Mean y 84.7
RMS x 54.83
RMS y 56.84
side N [adc counts]
side P [adc counts]

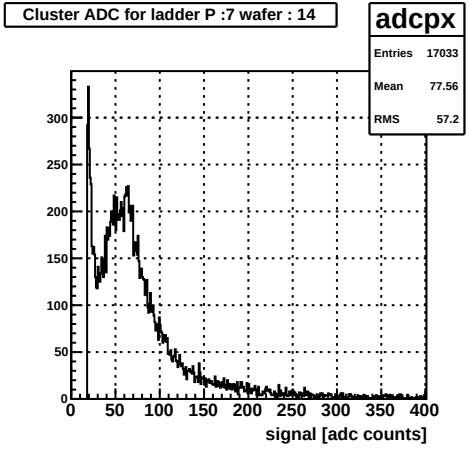

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 19166
Mean 74.82
RMS 56.87
signal [adc counts]

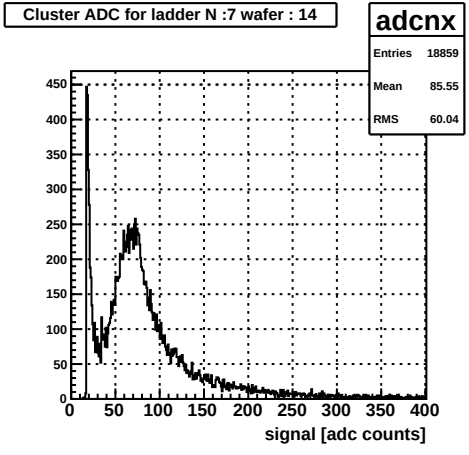

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 18579
Mean 84.77
RMS 59.12
signal [adc counts]

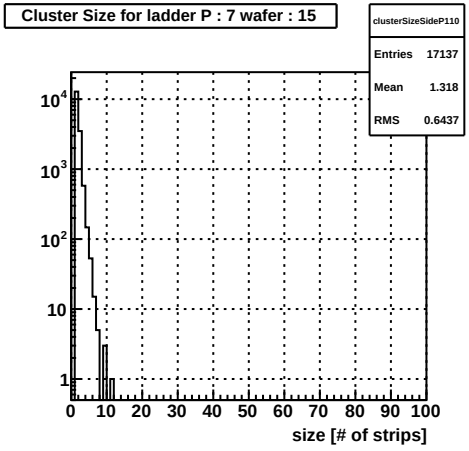

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 17033
Mean 1.362
RMS 0.6761
size [# of strips]

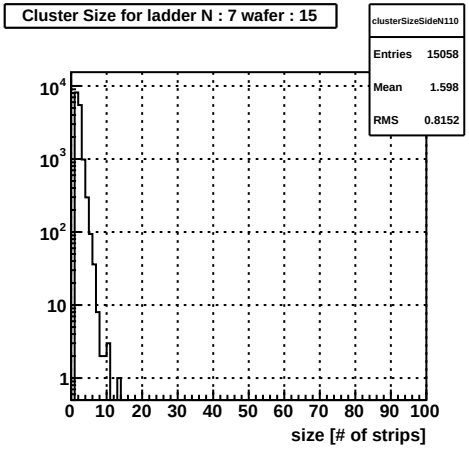

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 18859
Mean 1.666
RMS 0.8897
size [# of strips]

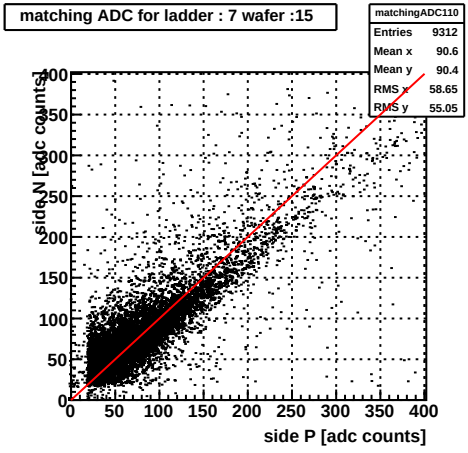

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 15289
Mean x 87.1
Mean y 91.82
RMS x 57.65
RMS y 56.53
side N [adc counts]
side P [adc counts]

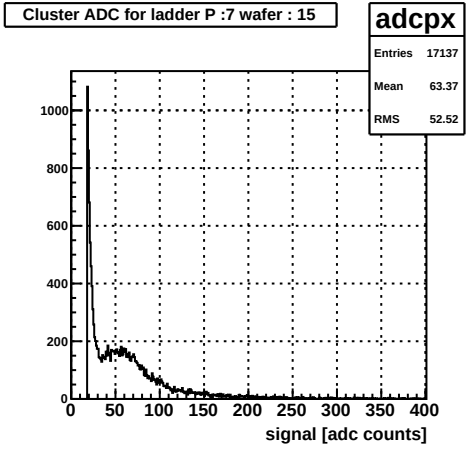

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 17033
Mean 77.56
RMS 57.2
signal [adc counts]

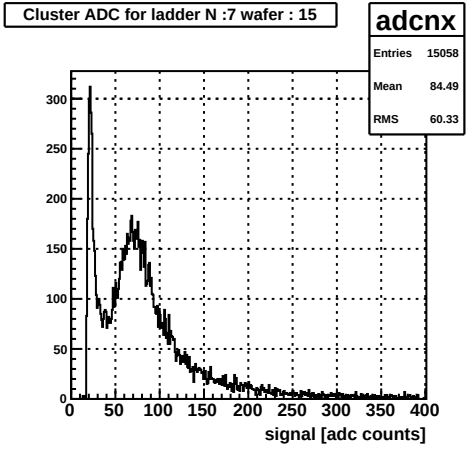

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 18859
Mean 85.55
RMS 60.04
signal [adc counts]

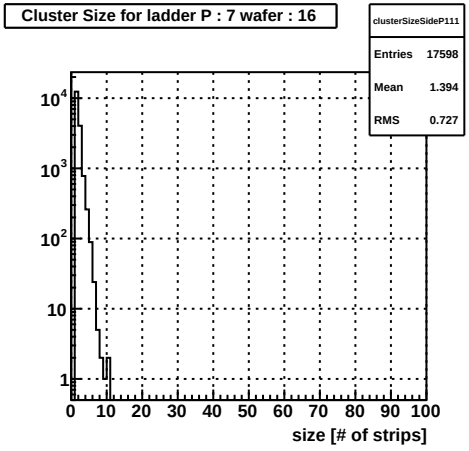

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 17137
Mean 1.318
RMS 0.6437
size [# of strips]

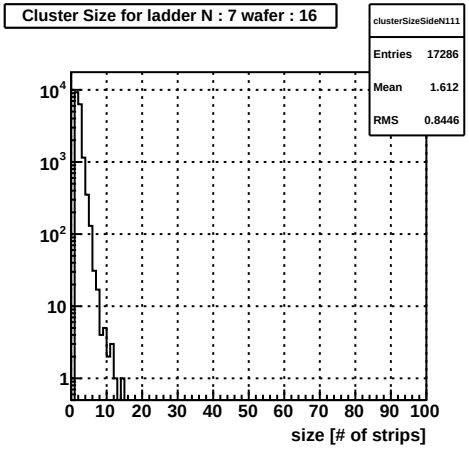

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 15058
Mean 1.598
RMS 0.8152
size [# of strips]

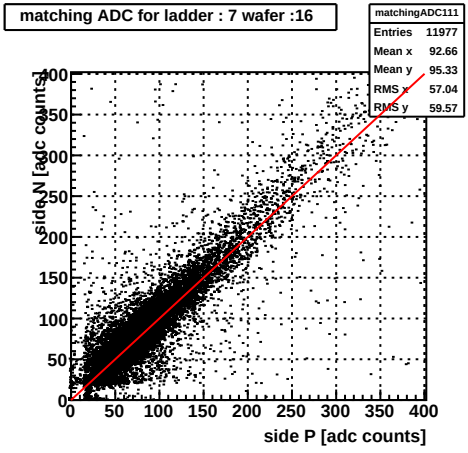

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 9312
Mean x 90.6
Mean y 90.4
RMS x 58.65
RMS y 55.05
side N [adc counts]
side P [adc counts]

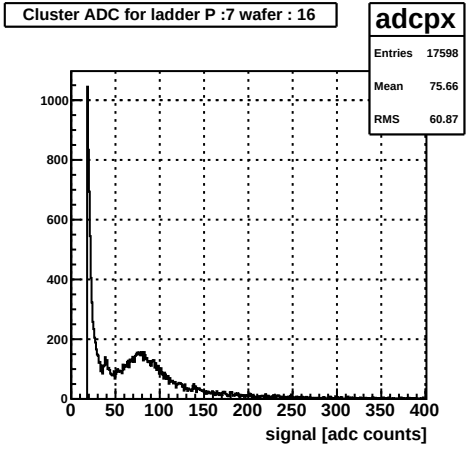

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 17137
Mean 63.37
RMS 52.52
signal [adc counts]

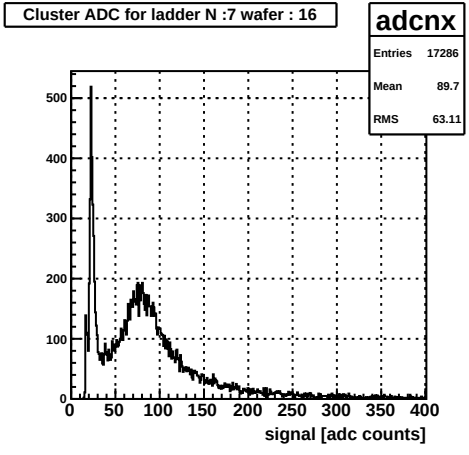

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 15058
Mean 84.49
RMS 60.33
signal [adc counts]

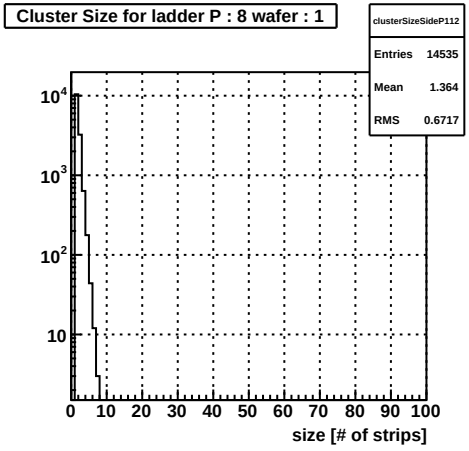

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 17598
Mean 1.394
RMS 0.727
size [# of strips]

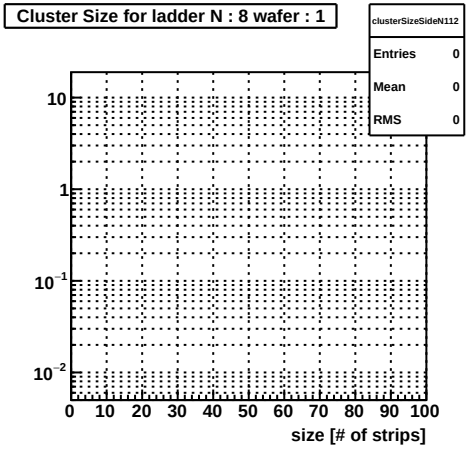

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 17286
Mean 1.612
RMS 0.8446
size [# of strips]

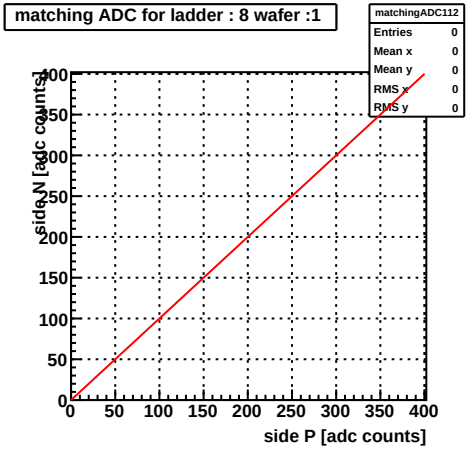

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 11977
Mean x 92.66
Mean y 95.33
RMS x 57.04
RMS y 59.57
side N [adc counts]
side P [adc counts]

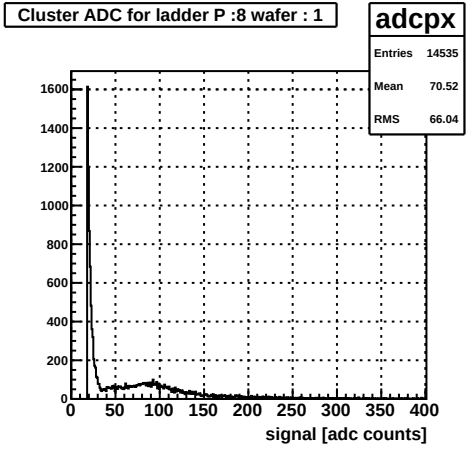

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 17598
Mean 75.66
RMS 60.87
signal [adc counts]

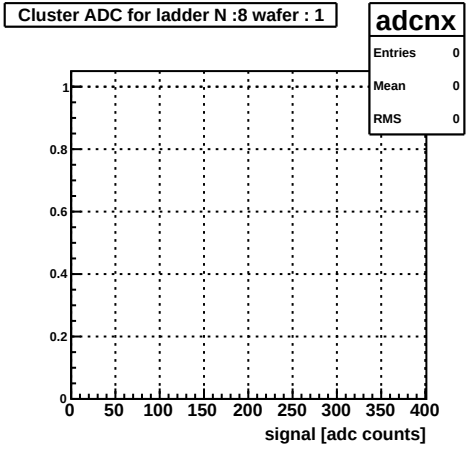

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 17286
Mean 89.7
RMS 63.11
signal [adc counts]

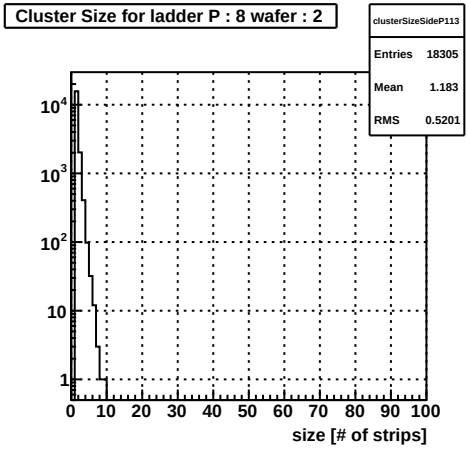

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 14535
Mean 1.364
RMS 0.6717
size [# of strips]

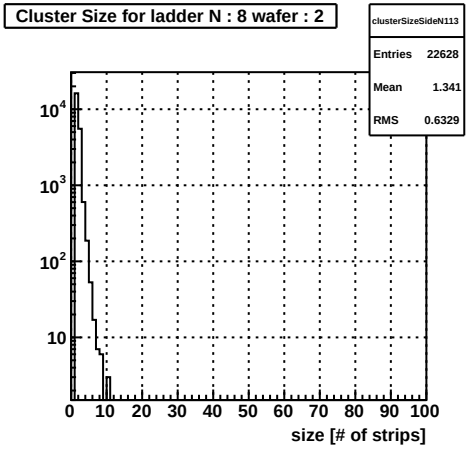

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

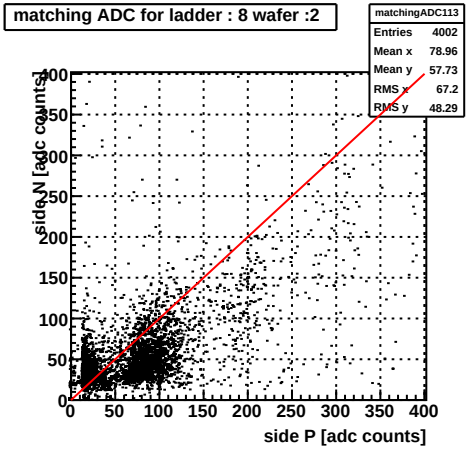

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

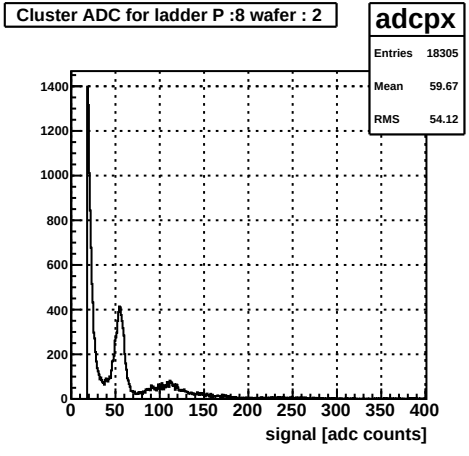

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 14535
Mean 70.52
RMS 66.04
signal [adc counts]

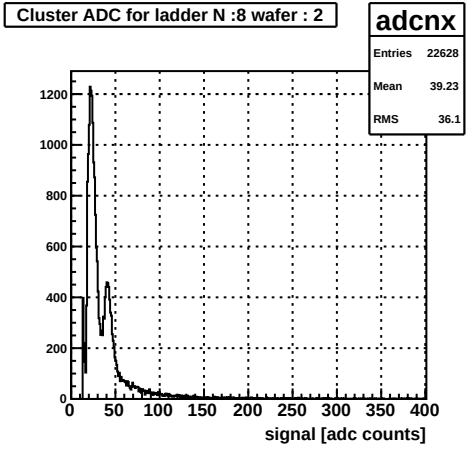

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

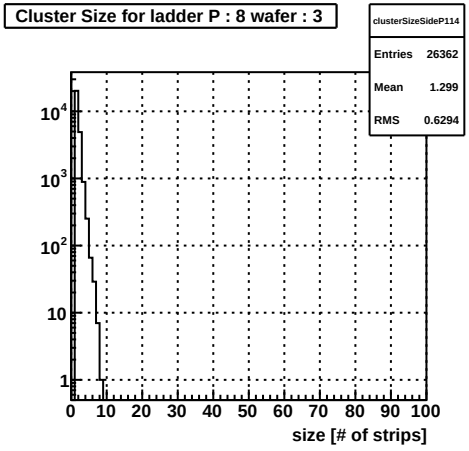

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 18305
Mean 1.183
RMS 0.5201
size [# of strips]

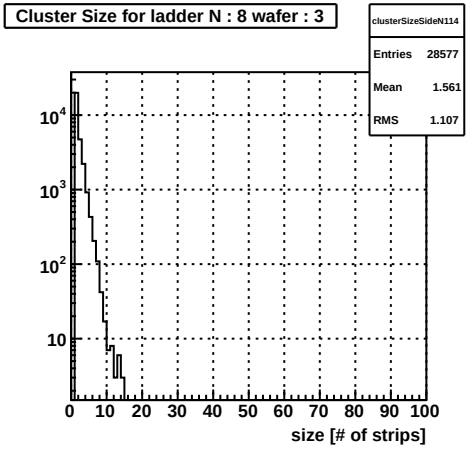

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 22628
Mean 1.341
RMS 0.6329
size [# of strips]

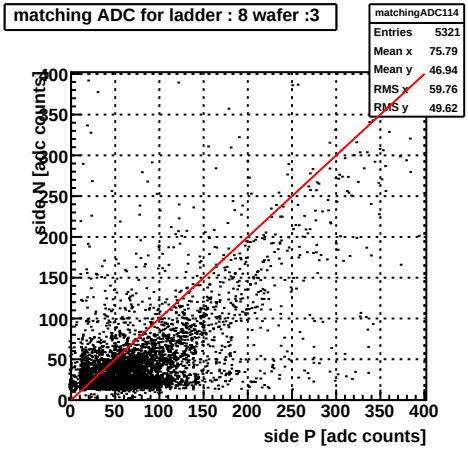

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 4002
Mean x 78.96
Mean y 57.73
RMS x 67.2
RMS y 48.29
side N [adc counts]
side P [adc counts]

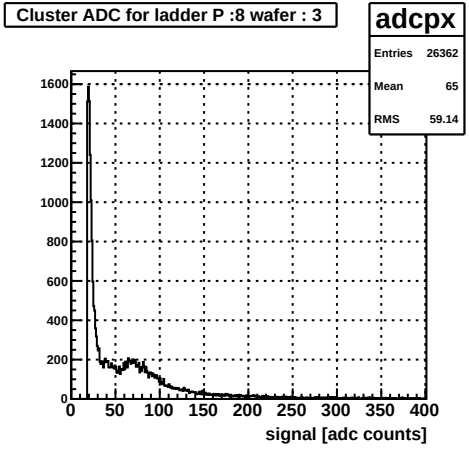

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 18305
Mean 59.67
RMS 54.12
signal [adc counts]

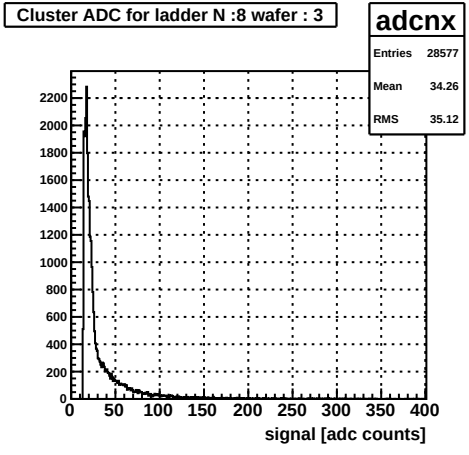

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 22628
Mean 39.23
RMS 36.1
signal [adc counts]

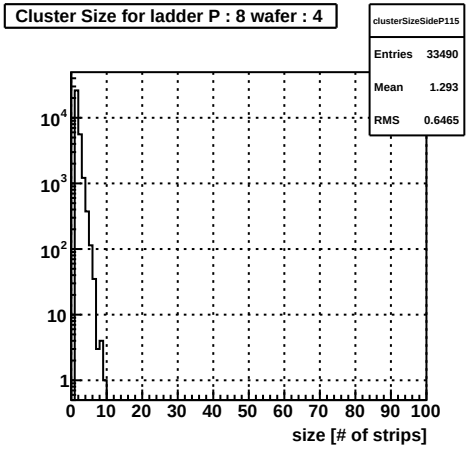

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 26362
Mean 1.299
RMS 0.6294
size [# of strips]

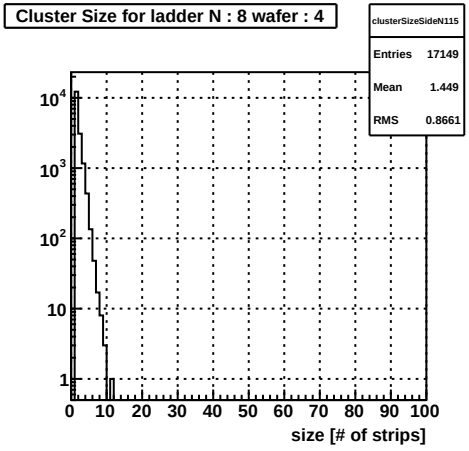

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 28577
Mean 1.561
RMS 1.107
size [# of strips]

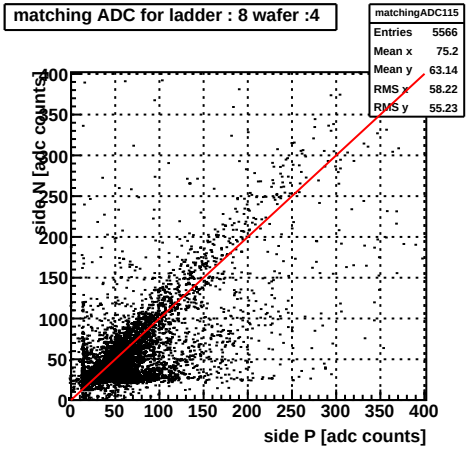

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 5321
Mean x 75.79
Mean y 46.94
RMS x 59.76
RMS y 49.62
side N [adc counts]
side P [adc counts]

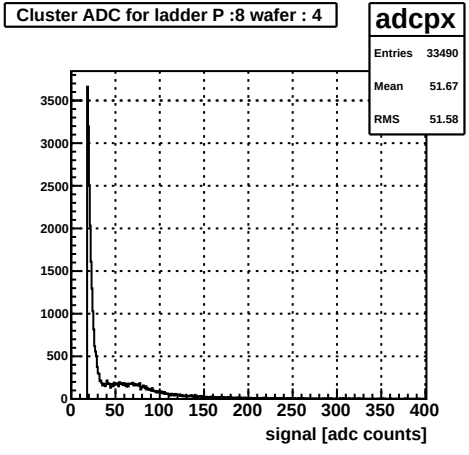

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 26362
Mean 65
RMS 59.14
signal [adc counts]

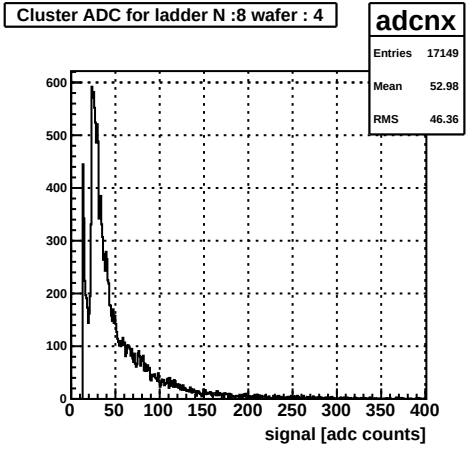

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 28577
Mean 34.26
RMS 35.12
signal [adc counts]

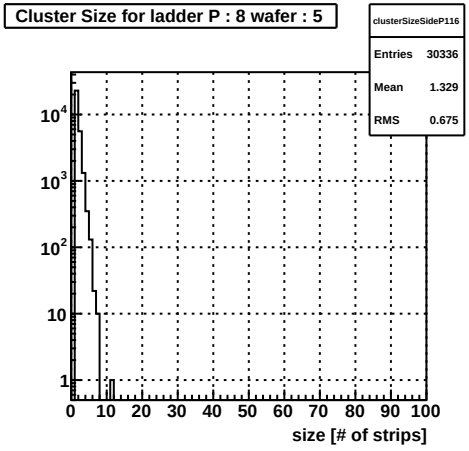

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 33490
Mean 1.293
RMS 0.6465
size [# of strips]

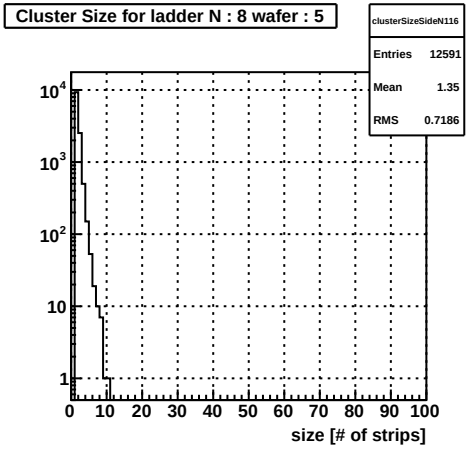

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 17149
Mean 1.449
RMS 0.8661
size [# of strips]

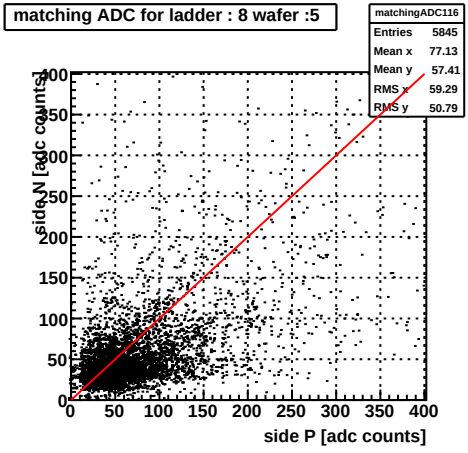

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5566
Mean x 75.2
Mean y 63.14
RMS x 58.22
RMS y 55.23
side N [adc counts]
side P [adc counts]

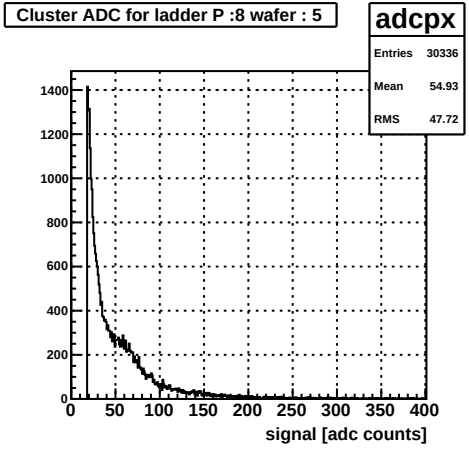

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 33490
Mean 51.67
RMS 51.58
signal [adc counts]

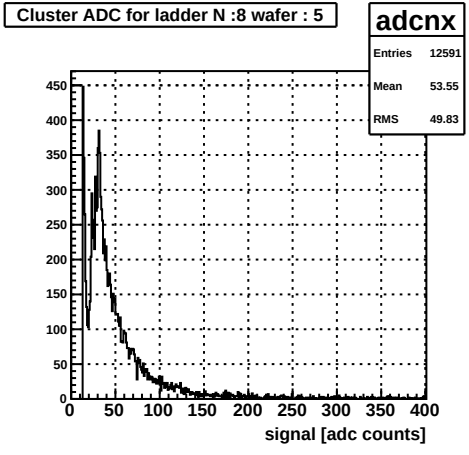

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 17149
Mean 52.98
RMS 46.36
signal [adc counts]

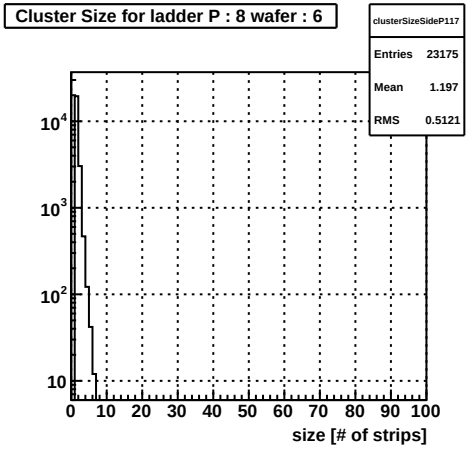

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 30336
Mean 1.329
RMS 0.675
size [# of strips]

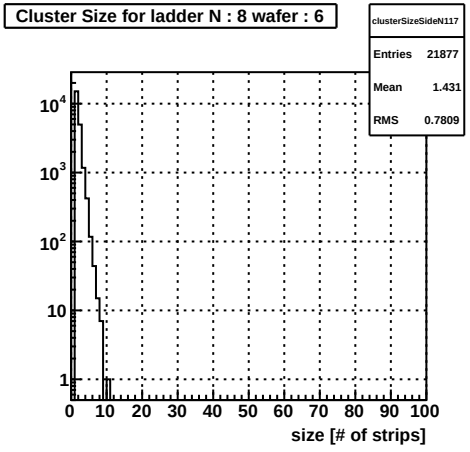

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 12591
Mean 1.35
RMS 0.7186
size [# of strips]

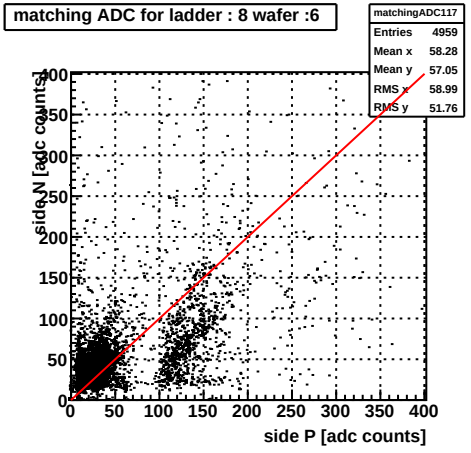

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5845
Mean x 77.13
Mean y 57.41
RMS x 59.29
RMS y 50.79
side N [adc counts]
side P [adc counts]

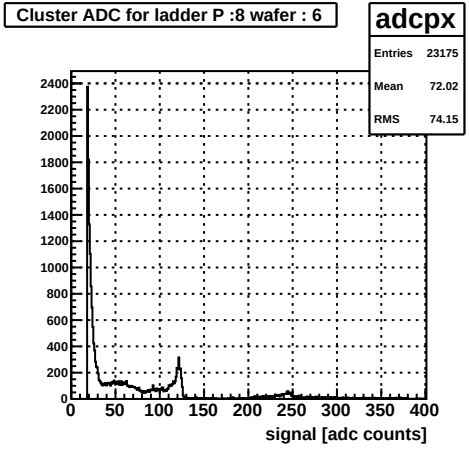

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 30336
Mean 54.93
RMS 47.72
signal [adc counts]

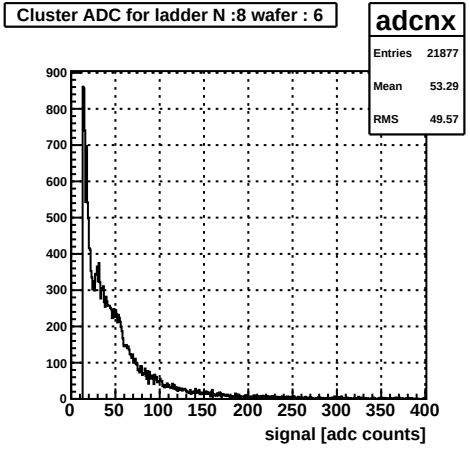

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 12591
Mean 53.55
RMS 49.83
signal [adc counts]

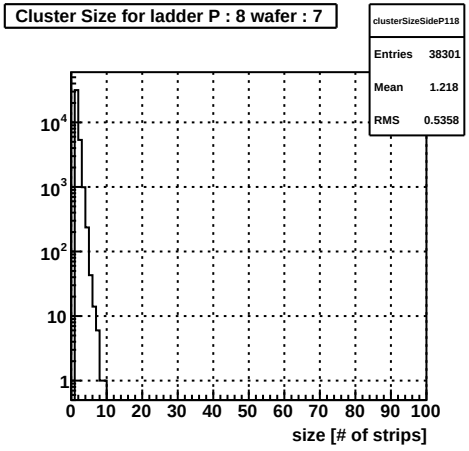

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 23175
Mean 1.197
RMS 0.5121
size [# of strips]

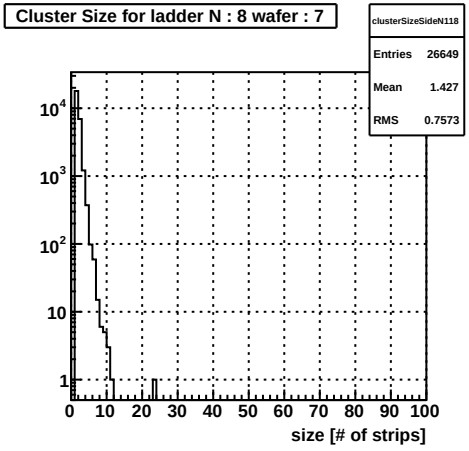

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 21877
Mean 1.431
RMS 0.7809
size [# of strips]

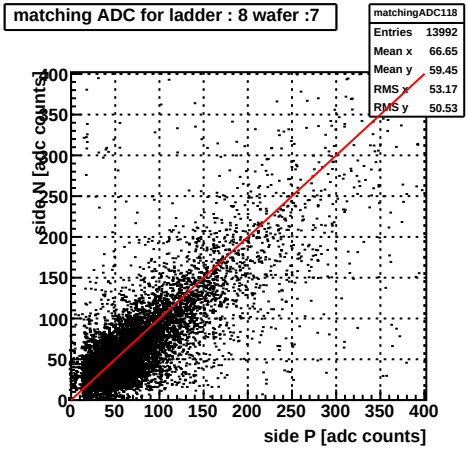

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 4959
Mean x 58.28
Mean y 57.05
RMS x 58.99
RMS y 51.76
side N [adc counts]
side P [adc counts]

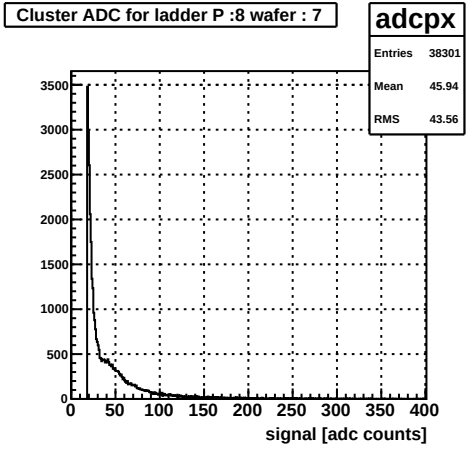

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 23175
Mean 72.02
RMS 74.15
signal [adc counts]

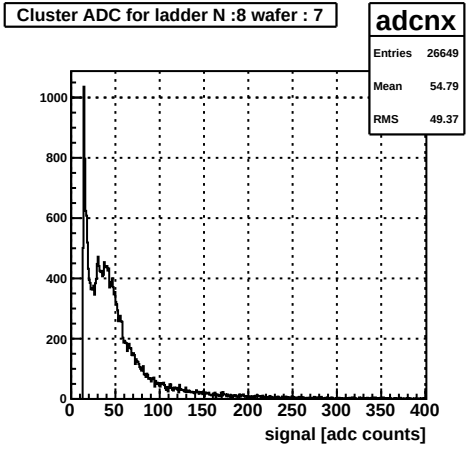

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 21877
Mean 53.29
RMS 49.57
signal [adc counts]

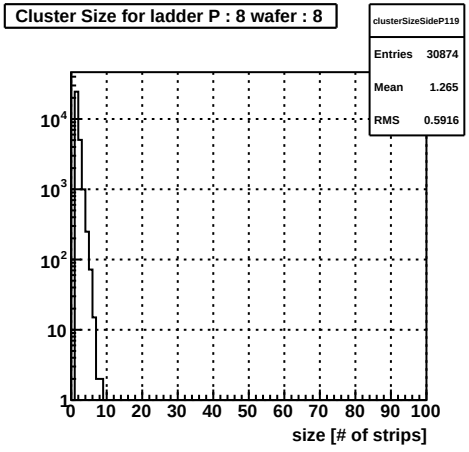

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 38301
Mean 1.218
RMS 0.5358
size [# of strips]

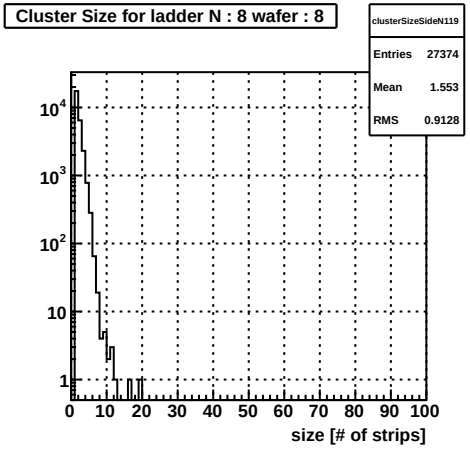

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 26649
Mean 1.427
RMS 0.7573
size [# of strips]

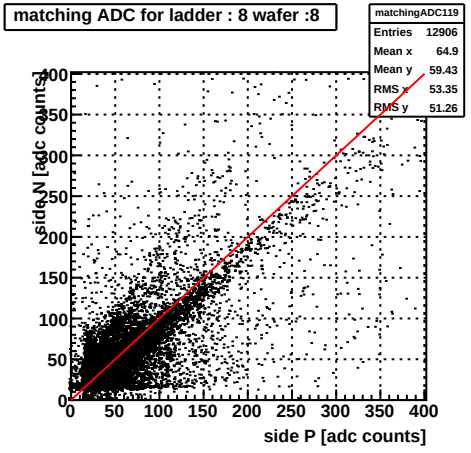

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 13992
Mean x 66.65
Mean y 59.45
RMS x 53.17
RMS y 50.53
side N [adc counts]
side P [adc counts]

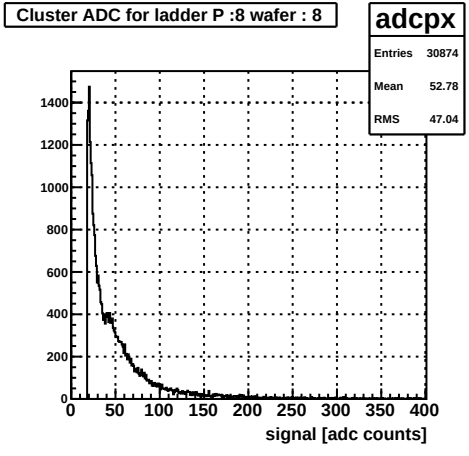

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 38301
Mean 45.94
RMS 43.56
signal [adc counts]

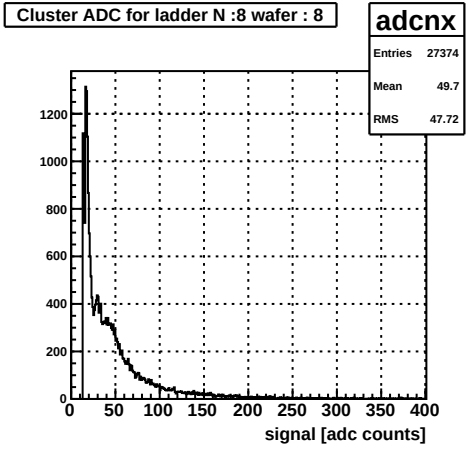

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 26649
Mean 54.79
RMS 49.37
signal [adc counts]

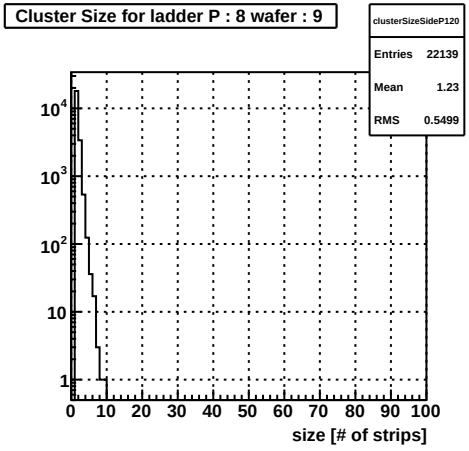

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 30874
Mean 1.265
RMS 0.5916
size [# of strips]

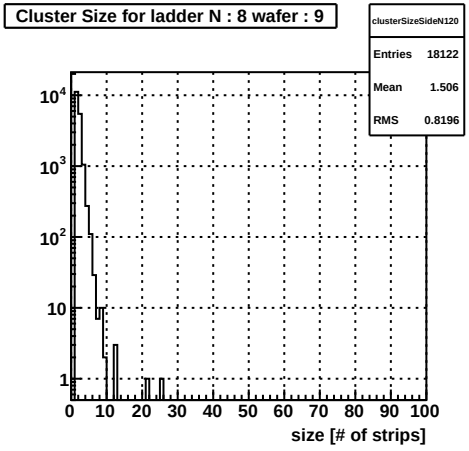

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 27374
Mean 1.553
RMS 0.9128
size [# of strips]

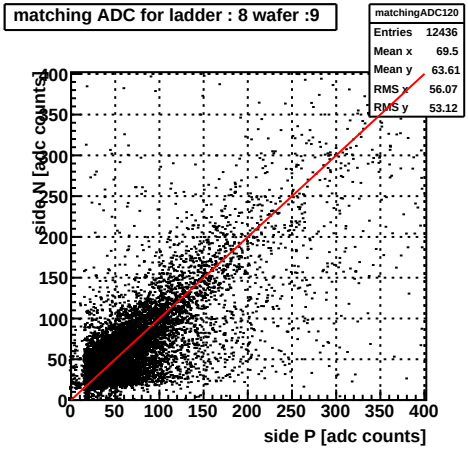

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 12906
Mean x 64.9
Mean y 59.43
RMS x 53.35
RMS y 51.26
side N [adc counts]
side P [adc counts]

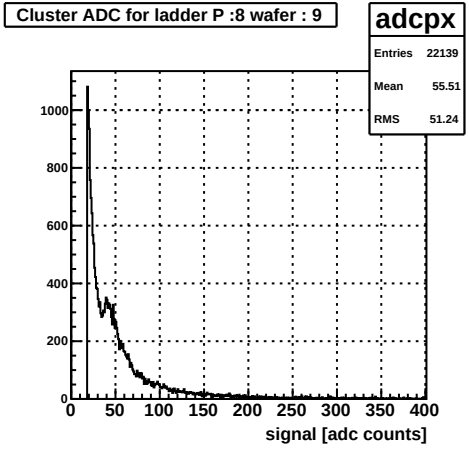

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 30874
Mean 52.78
RMS 47.04
signal [adc counts]

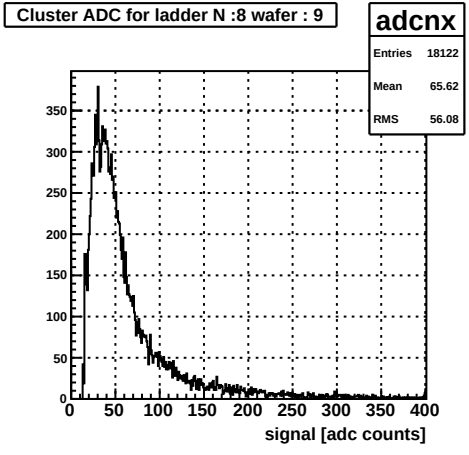

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 27374
Mean 49.7
RMS 47.72
signal [adc counts]

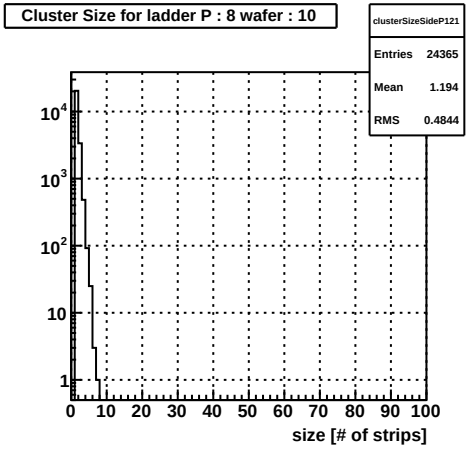

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 22139
Mean 1.23
RMS 0.5499
size [# of strips]

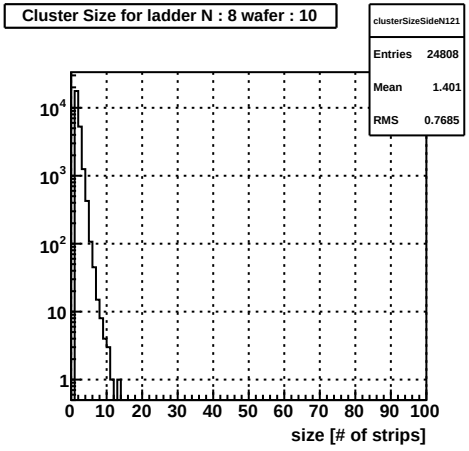

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 18122
Mean 1.506
RMS 0.8196
size [# of strips]

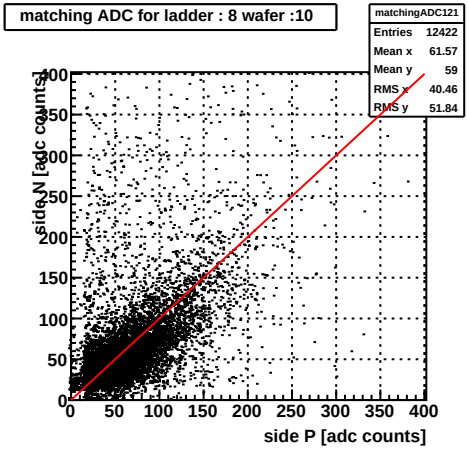

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 12436
Mean x 69.5
Mean y 63.61
RMS x 56.07
RMS y 53.12
side N [adc counts]
side P [adc counts]

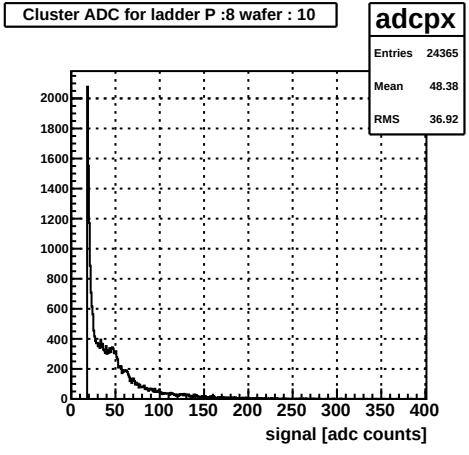

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 22139
Mean 55.51
RMS 51.24
signal [adc counts]

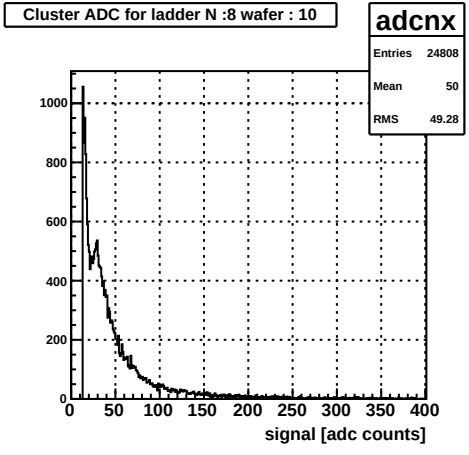

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 18122
Mean 65.62
RMS 56.08
signal [adc counts]

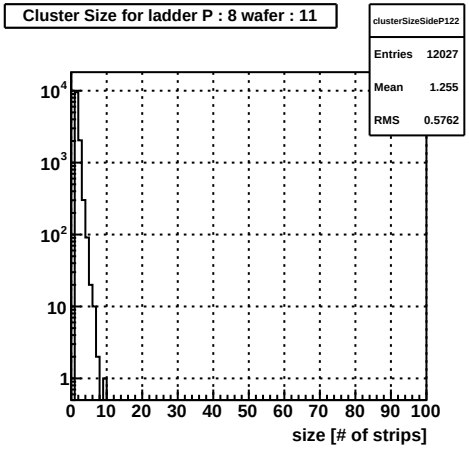

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 24365
Mean 1.194
RMS 0.4844
size [# of strips]

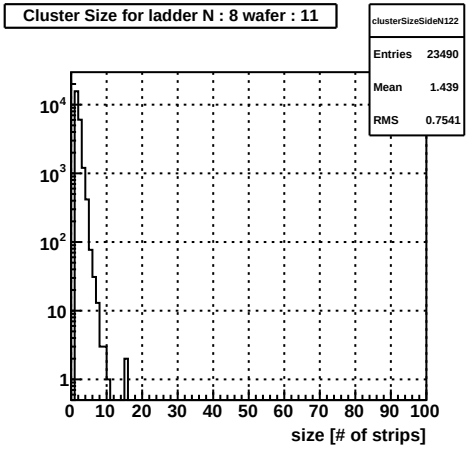

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 24808
Mean 1.401
RMS 0.7685
size [# of strips]

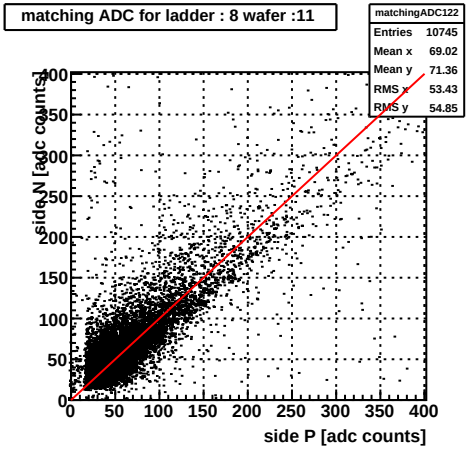

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 12422
Mean x 61.57
Mean y 59
RMS x 40.46
RMS y 51.84
side N [adc counts]
side P [adc counts]

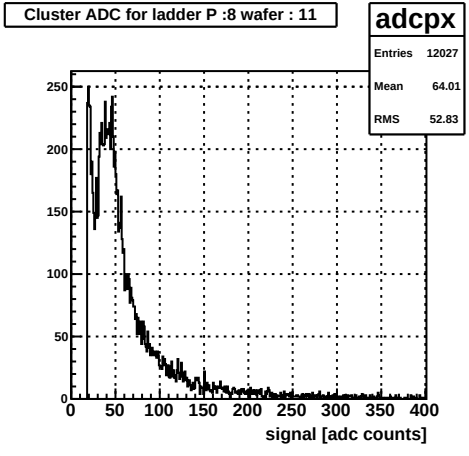

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 24365
Mean 48.38
RMS 36.92
signal [adc counts]

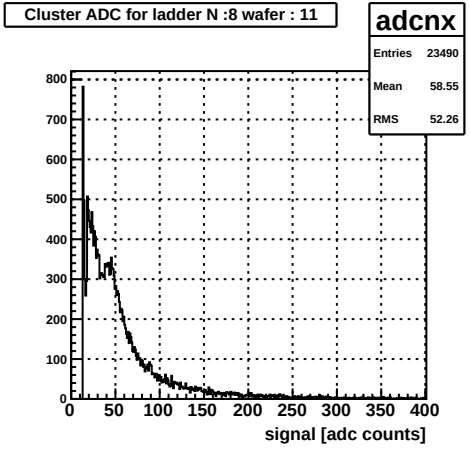

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 24808
Mean 50
RMS 49.28
signal [adc counts]

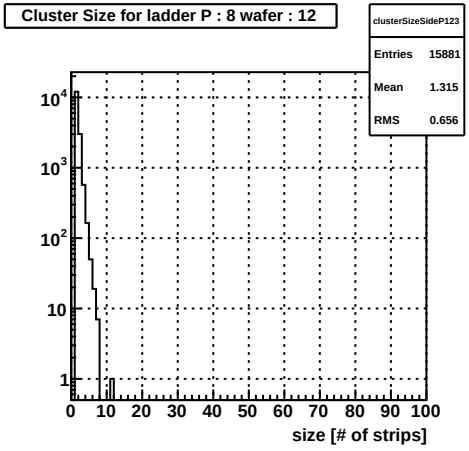

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 12027
Mean 1.255
RMS 0.5762
size [# of strips]

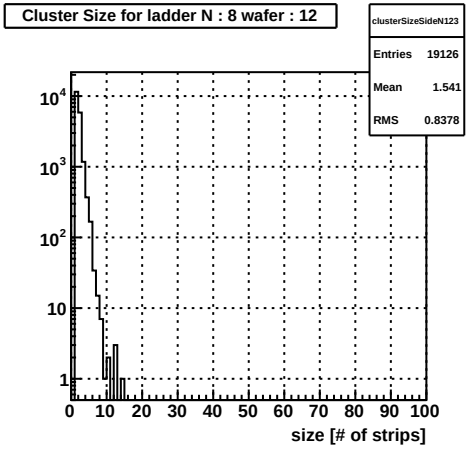

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 23490
Mean 1.439
RMS 0.7541
size [# of strips]

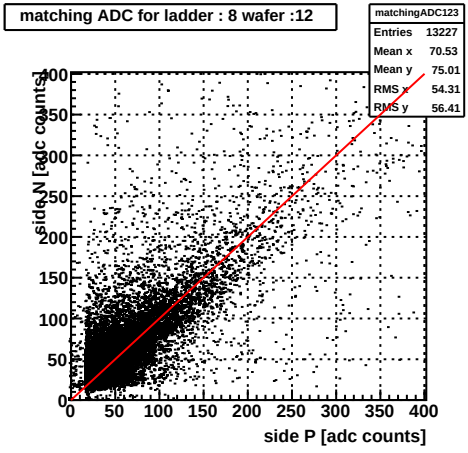

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 10745
Mean x 69.02
Mean y 71.36
RMS x 53.43
RMS y 54.85
side N [adc counts]
side P [adc counts]

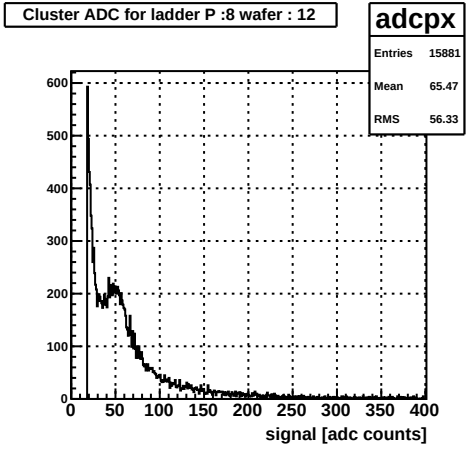

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 12027
Mean 64.01
RMS 52.83
signal [adc counts]

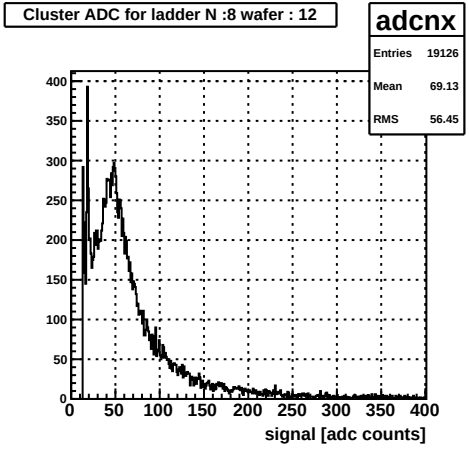

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 23490
Mean 58.55
RMS 52.26
signal [adc counts]

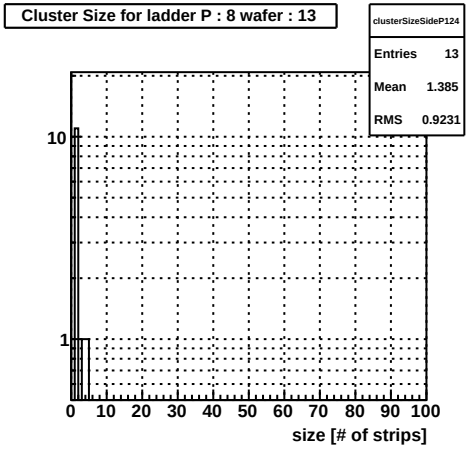

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 15881
Mean 1.315
RMS 0.656
size [# of strips]

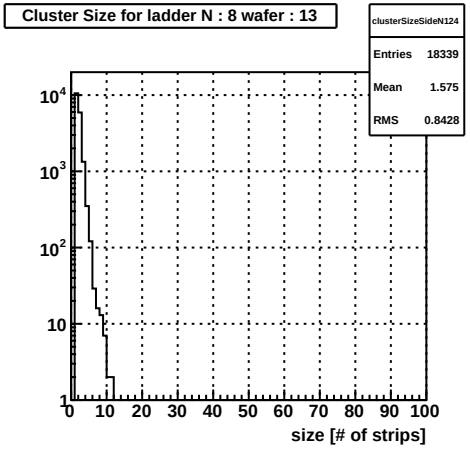

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 19126
Mean 1.541
RMS 0.8378
size [# of strips]

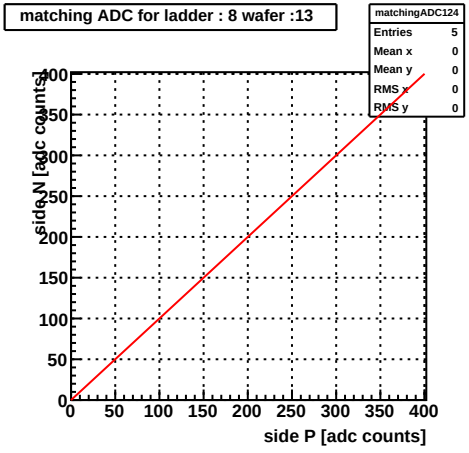

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 13227
Mean x 70.53
Mean y 75.01
RMS x 54.31
RMS y 56.41
side N [adc counts]
side P [adc counts]

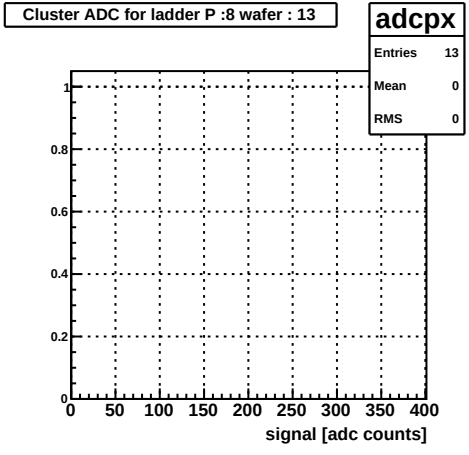

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 15881
Mean 65.47
RMS 56.33
signal [adc counts]

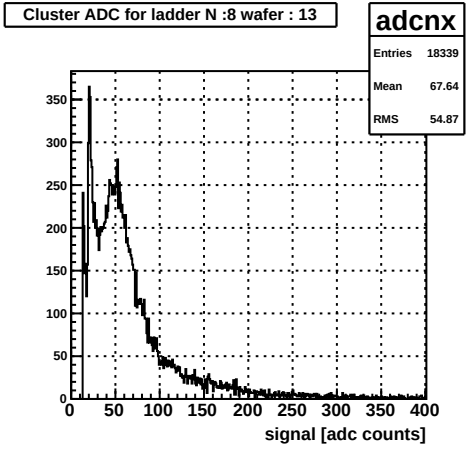

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 19126
Mean 69.13
RMS 56.45
signal [adc counts]

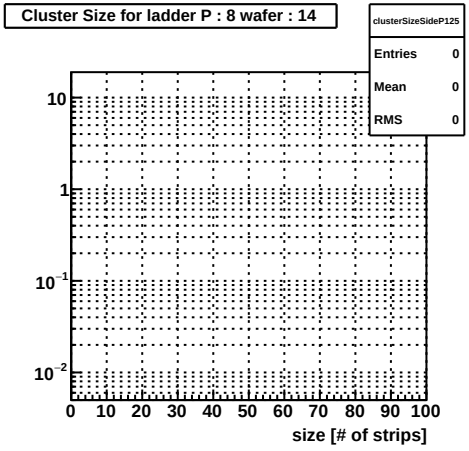

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 13
Mean 1.385
RMS 0.9231
size [# of strips]

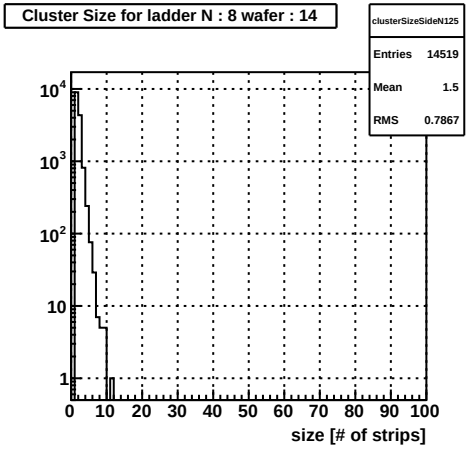

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 18339
Mean 1.575
RMS 0.8428
size [# of strips]

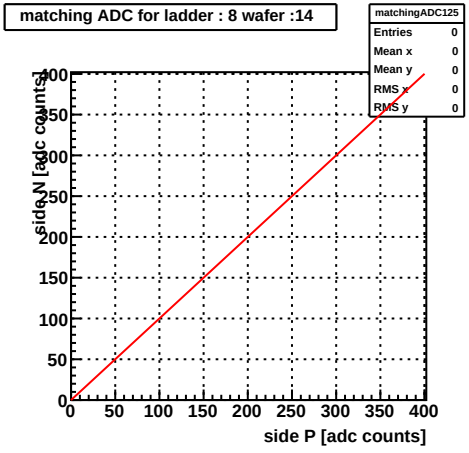

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

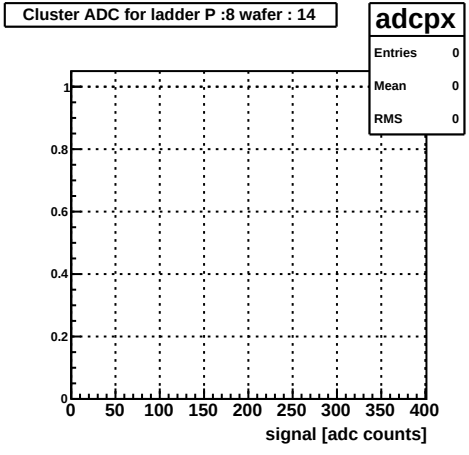

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

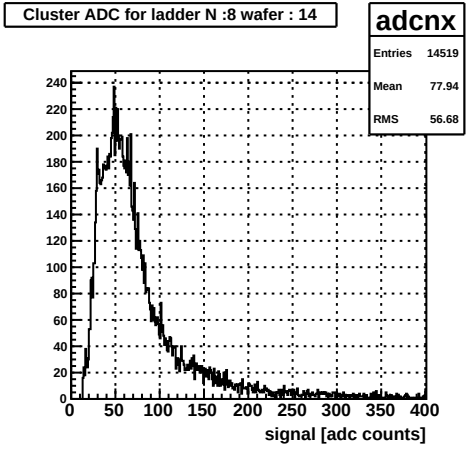

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 18339
Mean 67.64
RMS 54.87
signal [adc counts]

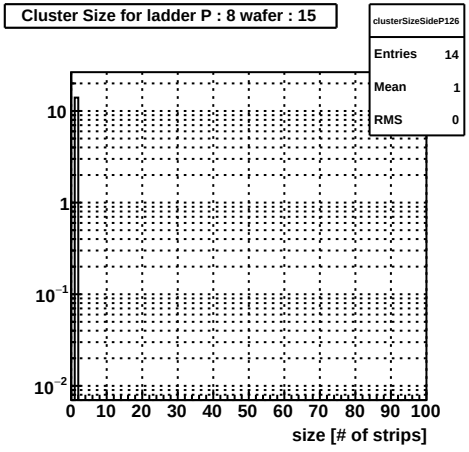

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

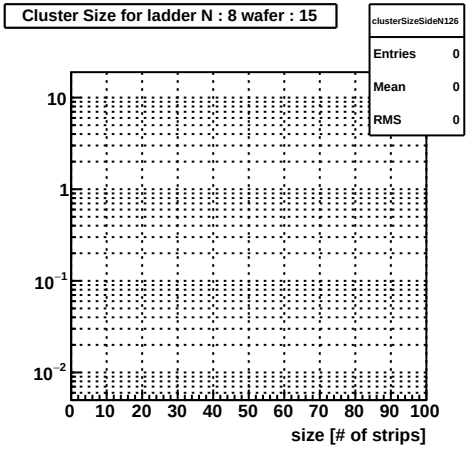

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 14519
Mean 1.5
RMS 0.7867
size [# of strips]

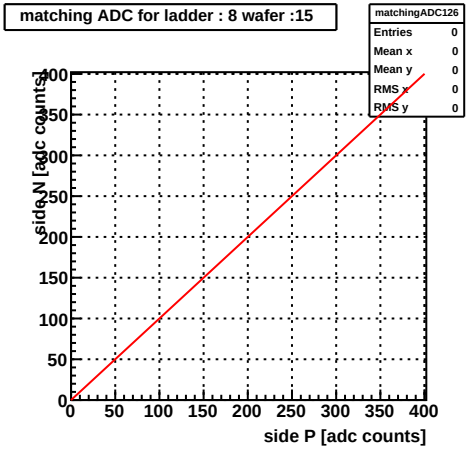

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

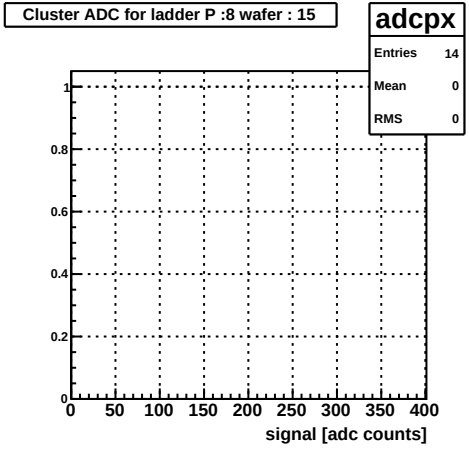

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

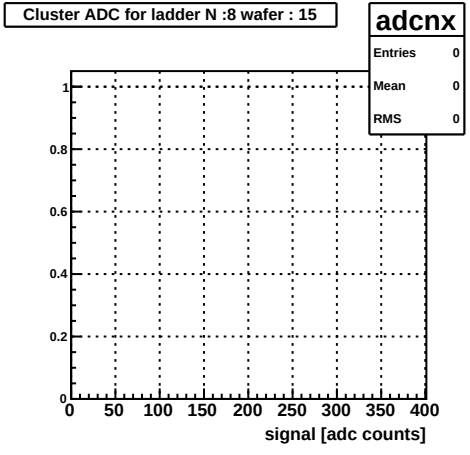

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 14519
Mean 77.94
RMS 56.68
signal [adc counts]

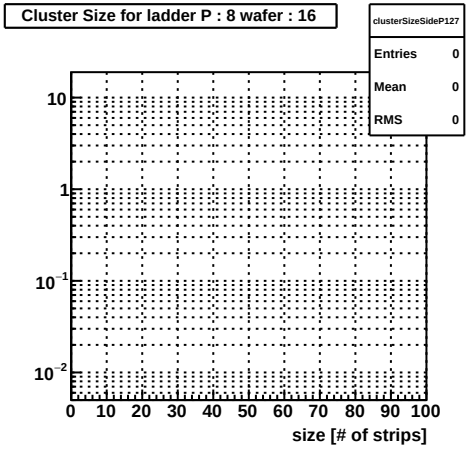

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 14
Mean 1
RMS 0
size [# of strips]

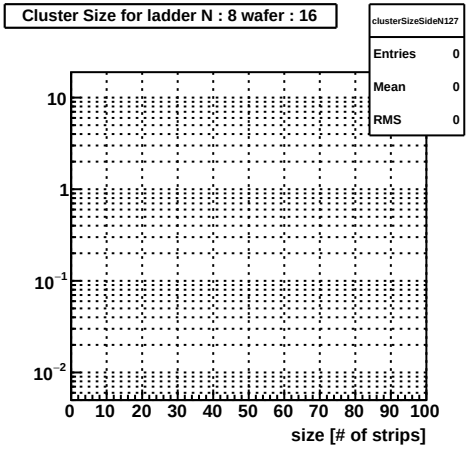

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

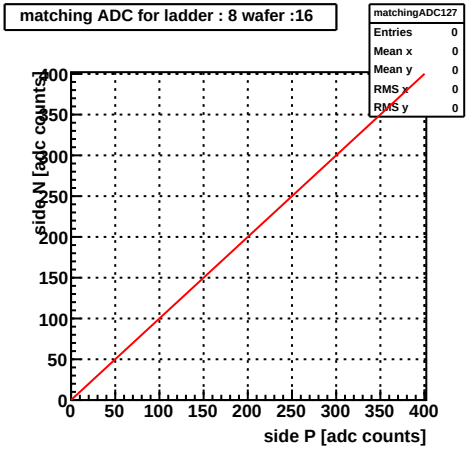

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

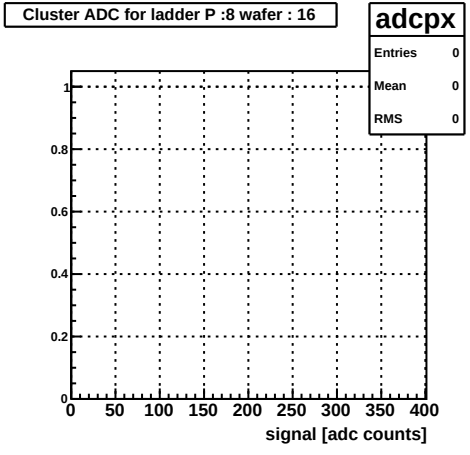

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

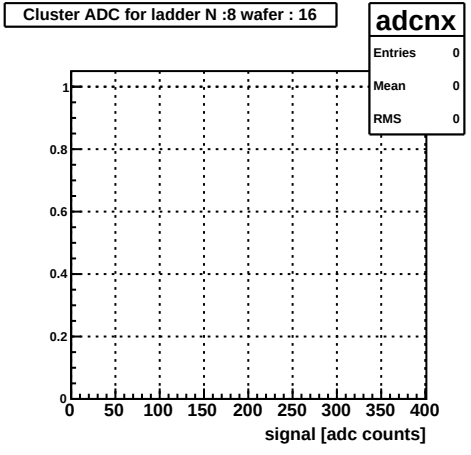

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

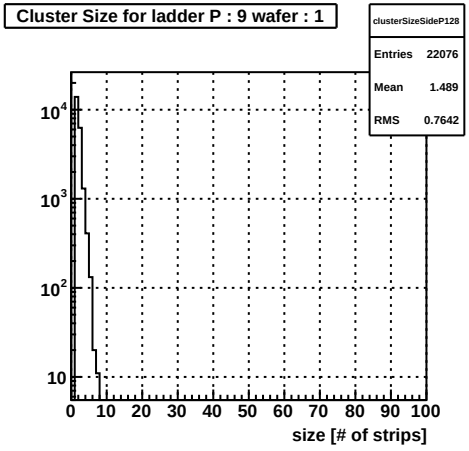

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

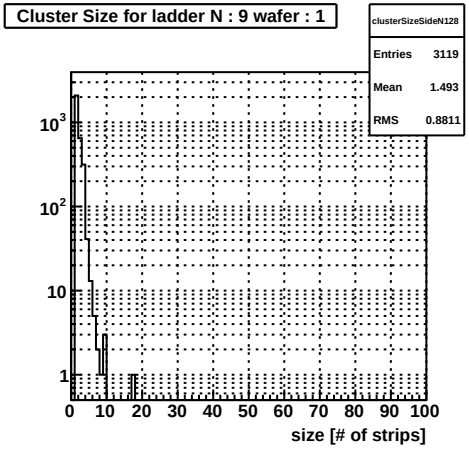

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

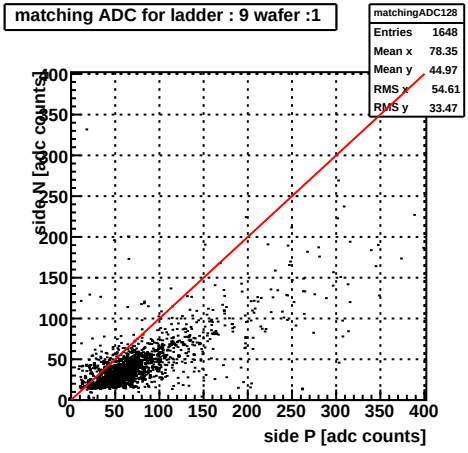

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

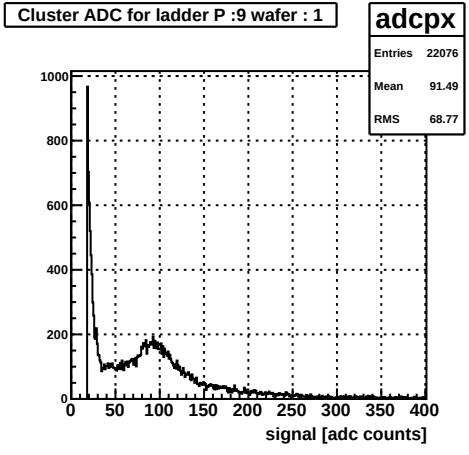

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

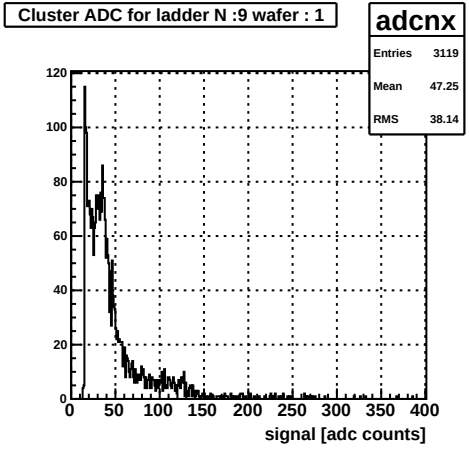

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

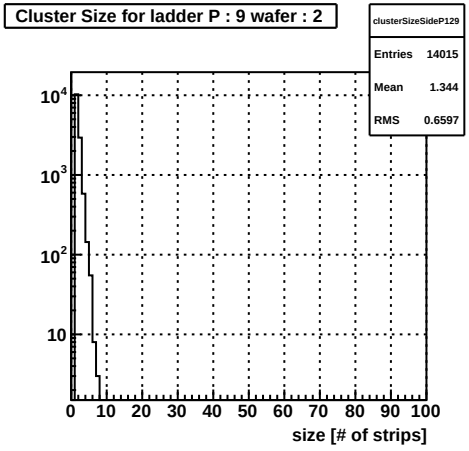

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 22076
Mean 1.489
RMS 0.7642
size [# of strips]

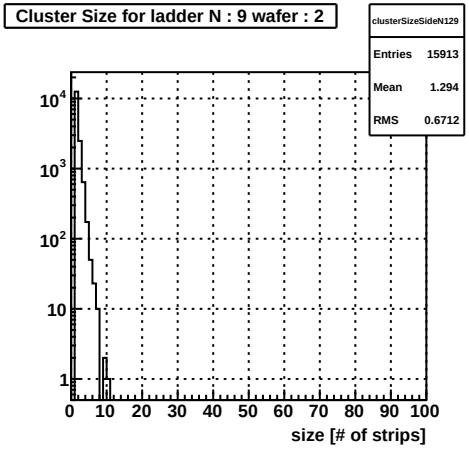

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3119
Mean 1.493
RMS 0.8811
size [# of strips]

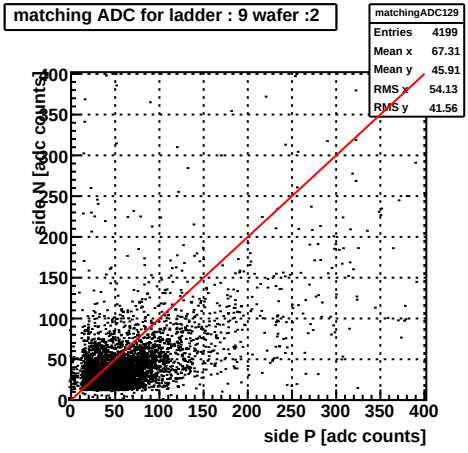

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1648
Mean x 78.35
Mean y 44.97
RMS x 54.61
RMS y 33.47
side N [adc counts]
side P [adc counts]

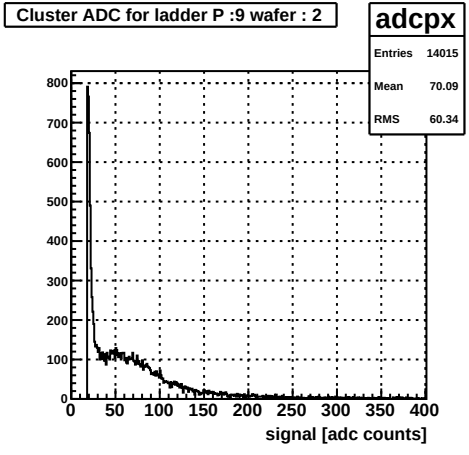

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 22076
Mean 91.49
RMS 68.77
signal [adc counts]

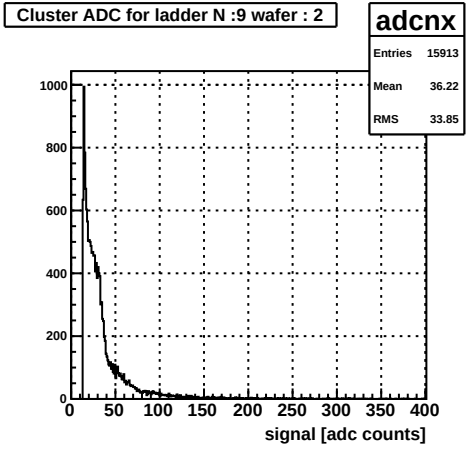

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3119
Mean 47.25
RMS 38.14
signal [adc counts]

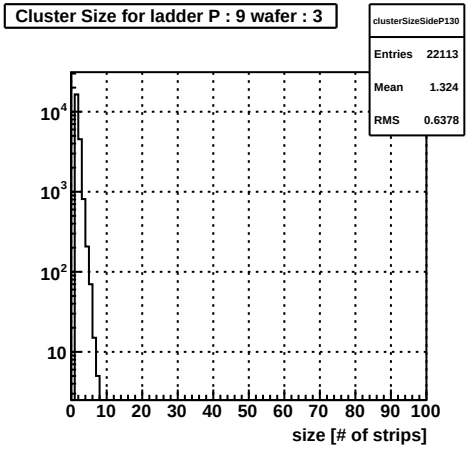

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 14015
Mean 1.344
RMS 0.6597
size [# of strips]

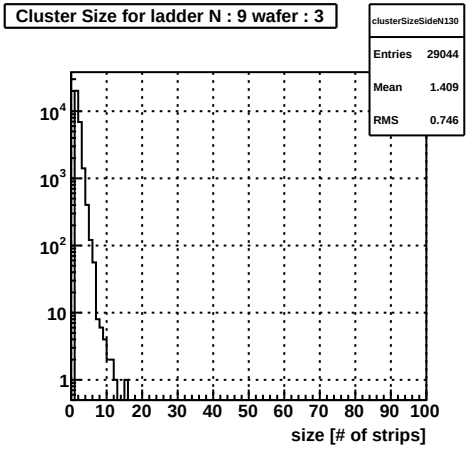

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 15913
Mean 1.294
RMS 0.6712
size [# of strips]

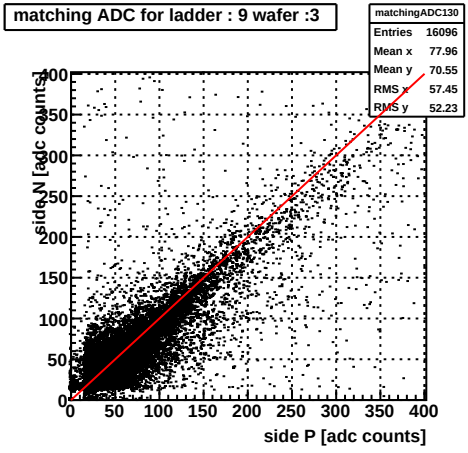

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 4199
Mean x 67.31
Mean y 45.91
RMS x 54.13
RMS y 41.56
side N [adc counts]
side P [adc counts]

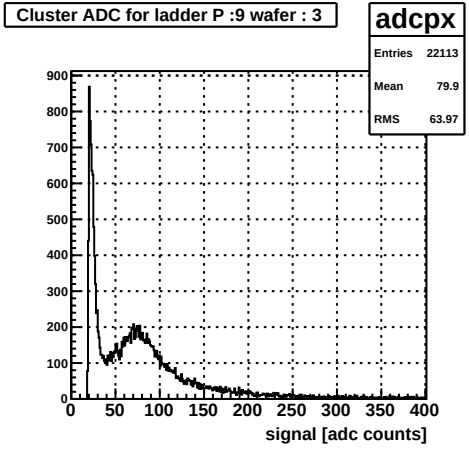

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 14015
Mean 70.09
RMS 60.34
signal [adc counts]

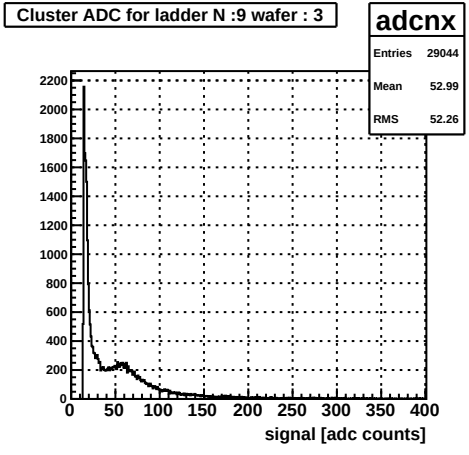

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 15913
Mean 36.22
RMS 33.85
signal [adc counts]

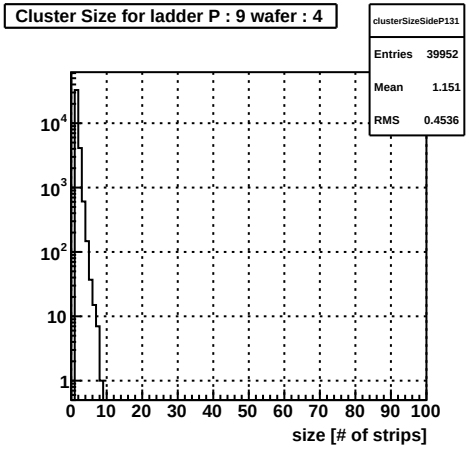

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 22113
Mean 1.324
RMS 0.6378
size [# of strips]

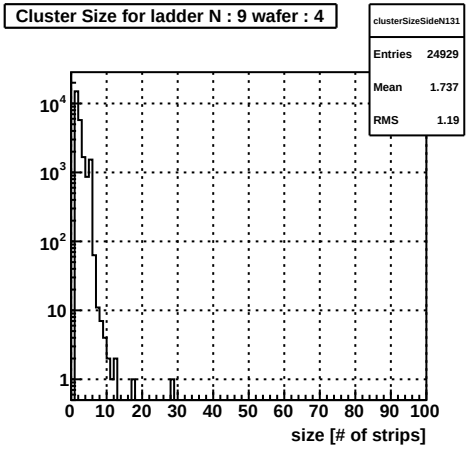

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 29044
Mean 1.409
RMS 0.746
size [# of strips]

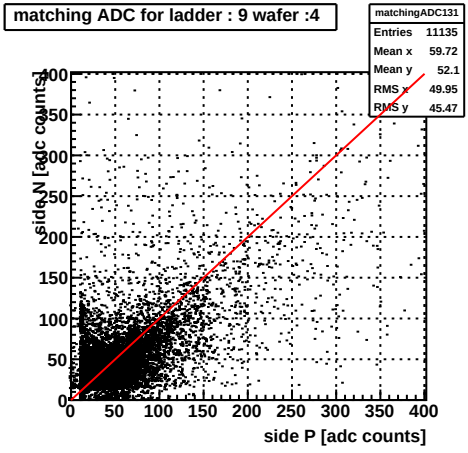

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 16096
Mean x 77.96
Mean y 70.55
RMS x 57.45
RMS y 52.23
side N [adc counts]
side P [adc counts]

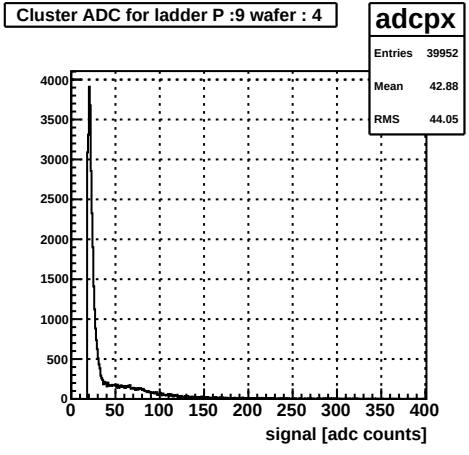

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 22113
Mean 79.9
RMS 63.97
signal [adc counts]

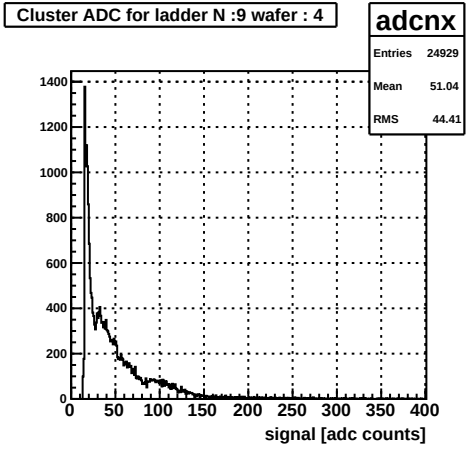

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 29044
Mean 52.99
RMS 52.26
signal [adc counts]

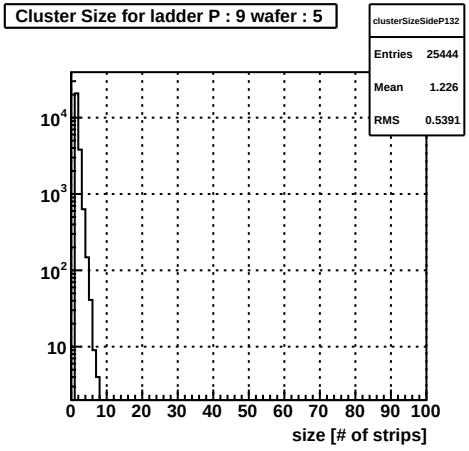

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 39952
Mean 1.151
RMS 0.4536
size [# of strips]

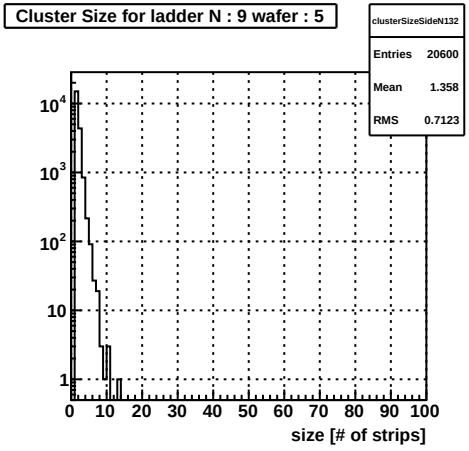

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 24929
Mean 1.737
RMS 1.19
size [# of strips]

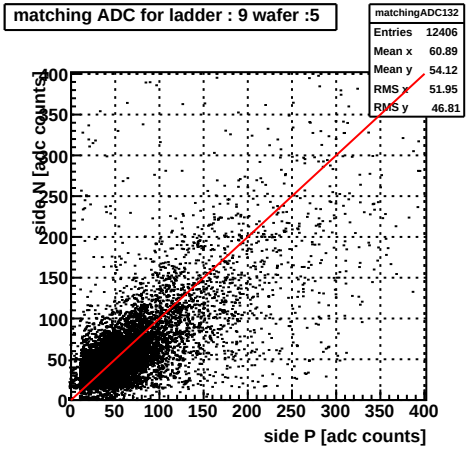

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 11135
Mean x 59.72
Mean y 52.1
RMS x 49.95
RMS y 45.47
side N [adc counts]
side P [adc counts]

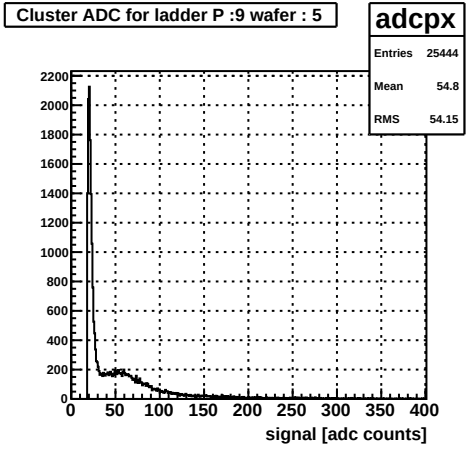

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 39952
Mean 42.88
RMS 44.05
signal [adc counts]

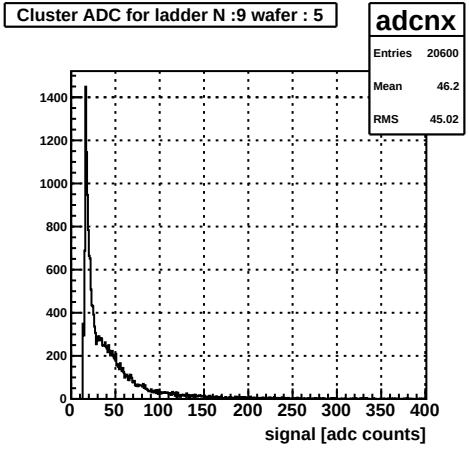

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 24929
Mean 51.04
RMS 44.41
signal [adc counts]

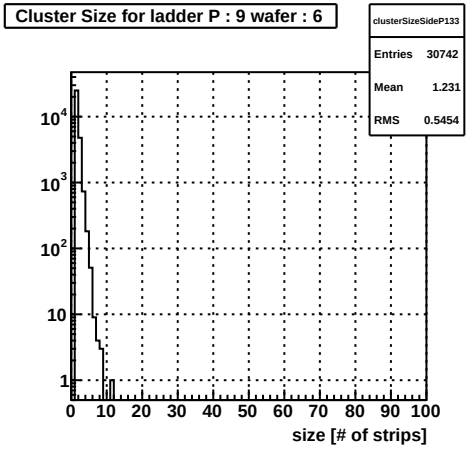

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 25444
Mean 1.226
RMS 0.5391
size [# of strips]

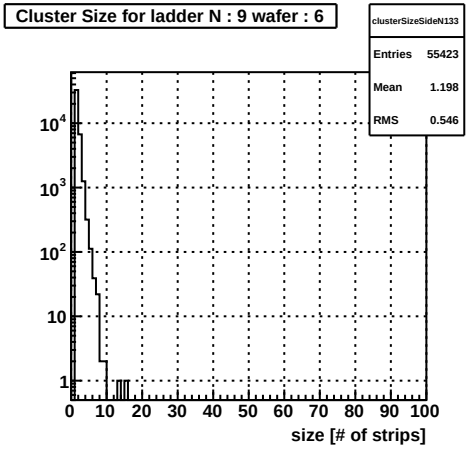

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 20600
Mean 1.358
RMS 0.7123
size [# of strips]

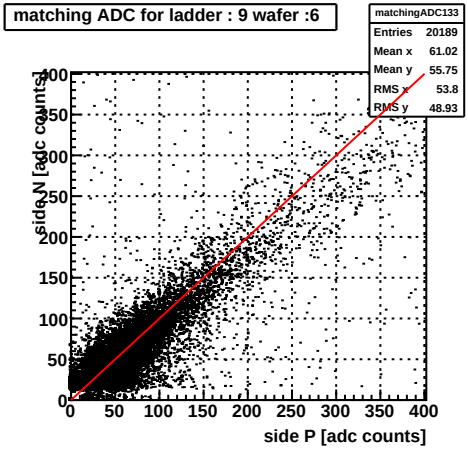

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 12406
Mean x 60.89
Mean y 54.12
RMS x 51.95
RMS y 46.81
side N [adc counts]
side P [adc counts]

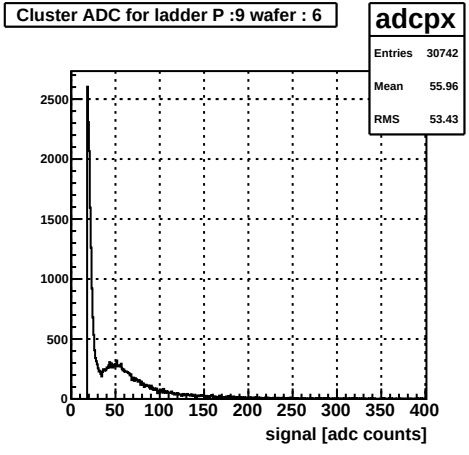

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 25444
Mean 54.8
RMS 54.15
signal [adc counts]

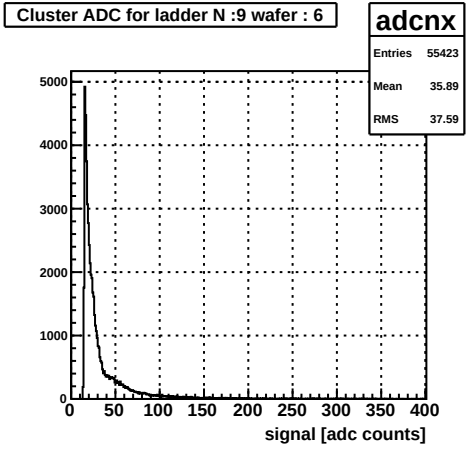

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 20600
Mean 46.2
RMS 45.02
signal [adc counts]

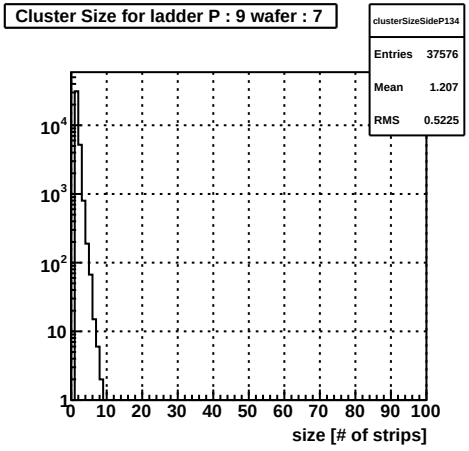

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 30742
Mean 1.231
RMS 0.5454
size [# of strips]

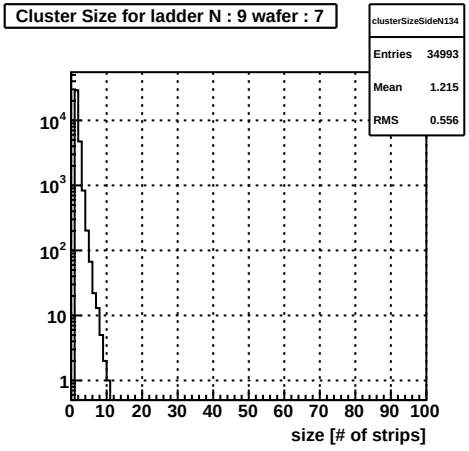

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 55423
Mean 1.198
RMS 0.546
size [# of strips]

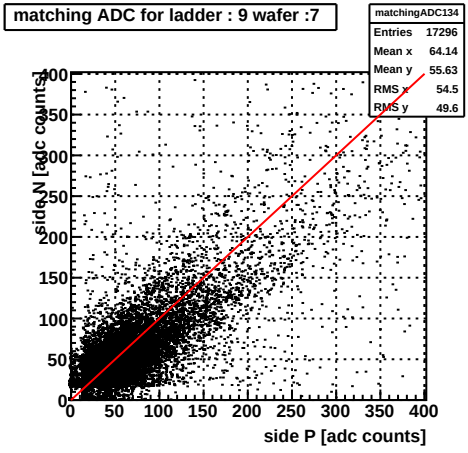

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 20189
Mean x 61.02
Mean y 55.75
RMS x 53.8
RMS y 48.93
side N [adc counts]
side P [adc counts]

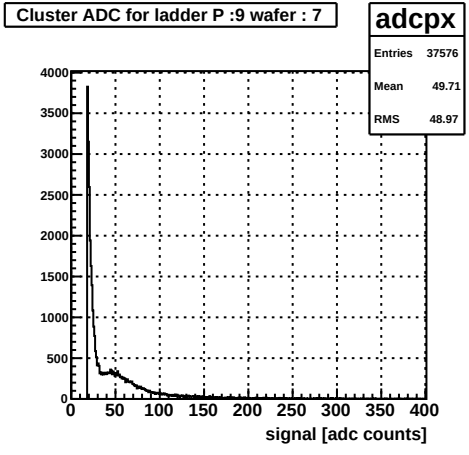

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 30742
Mean 55.96
RMS 53.43
signal [adc counts]

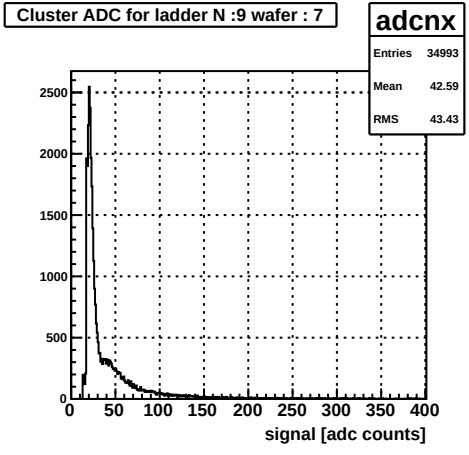

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 55423
Mean 35.89
RMS 37.59
signal [adc counts]

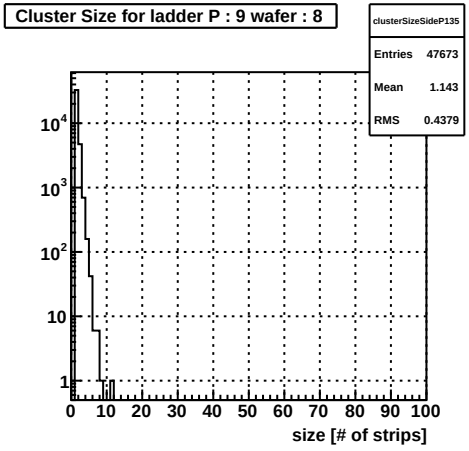

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 37576
Mean 1.207
RMS 0.5225
size [# of strips]

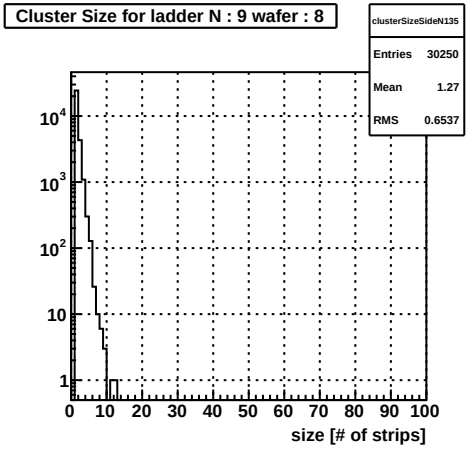

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 34993
Mean 1.215
RMS 0.556
size [# of strips]

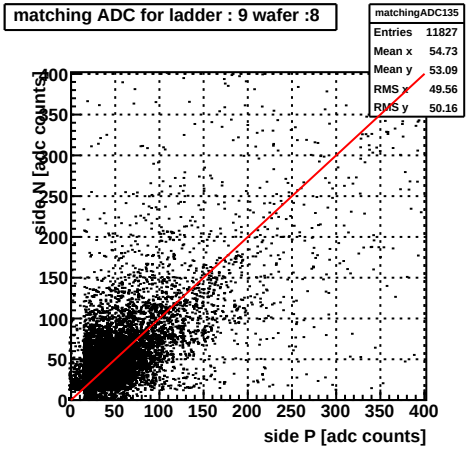

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 17296
Mean x 64.14
Mean y 55.63
RMS x 54.5
RMS y 49.6
side N [adc counts]
side P [adc counts]

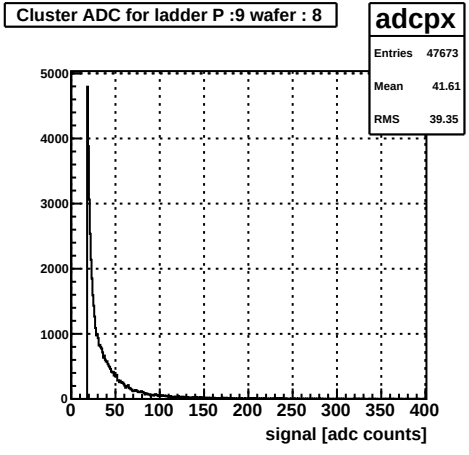

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 37576
Mean 49.71
RMS 48.97
signal [adc counts]

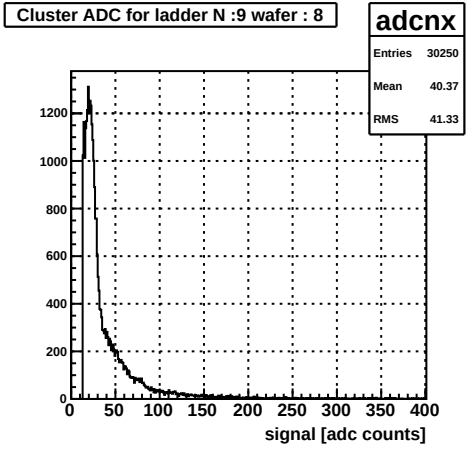

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 34993
Mean 42.59
RMS 43.43
signal [adc counts]

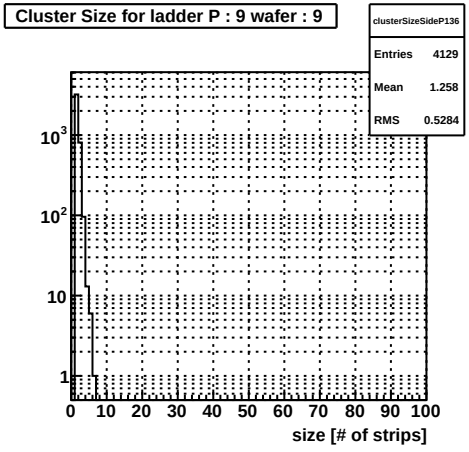

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 47673
Mean 1.143
RMS 0.4379
size [# of strips]

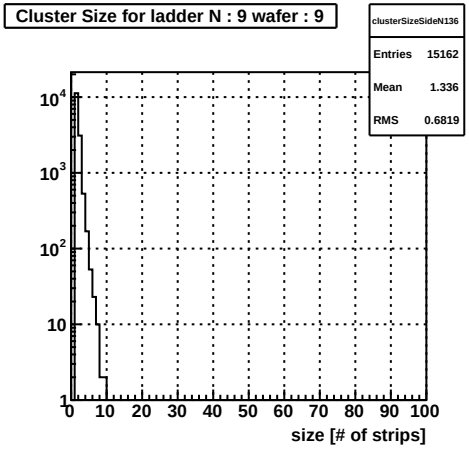

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 30250
Mean 1.27
RMS 0.6537
size [# of strips]

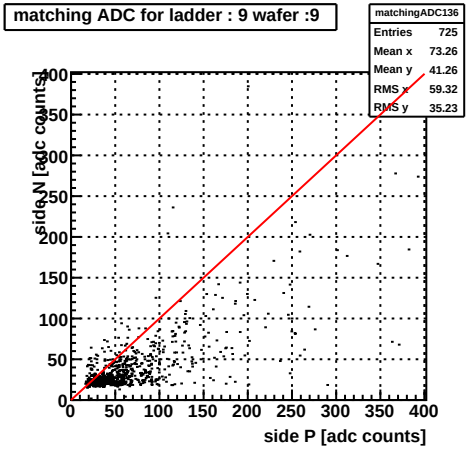

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 11827
Mean x 54.73
Mean y 53.09
RMS x 49.56
RMS y 50.16
side N [adc counts]
side P [adc counts]

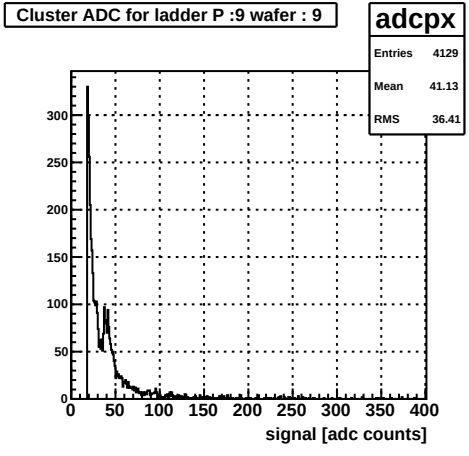

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 47673
Mean 41.61
RMS 39.35
signal [adc counts]

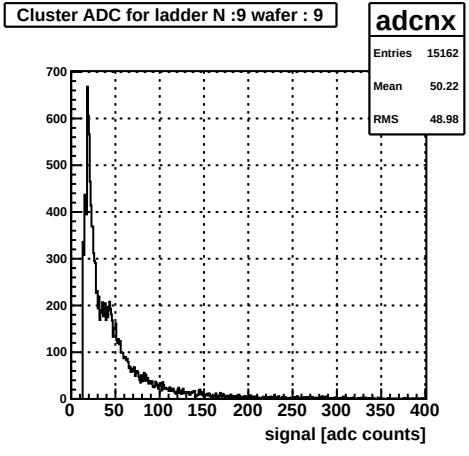

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 30250
Mean 40.37
RMS 41.33
signal [adc counts]

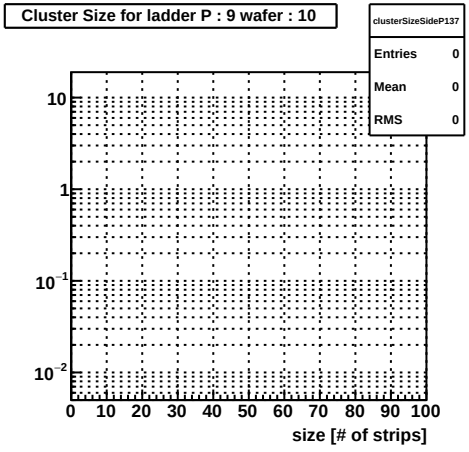

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 4129
Mean 1.258
RMS 0.5284
size [# of strips]

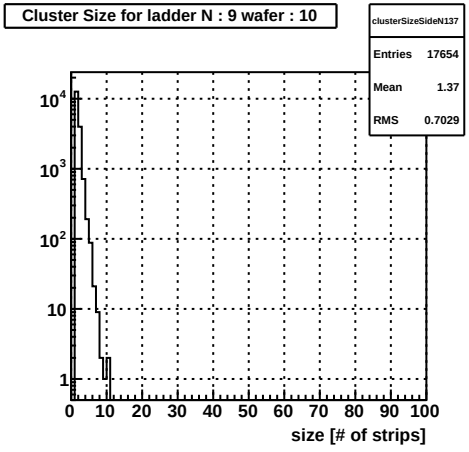

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 15162
Mean 1.336
RMS 0.6819
size [# of strips]

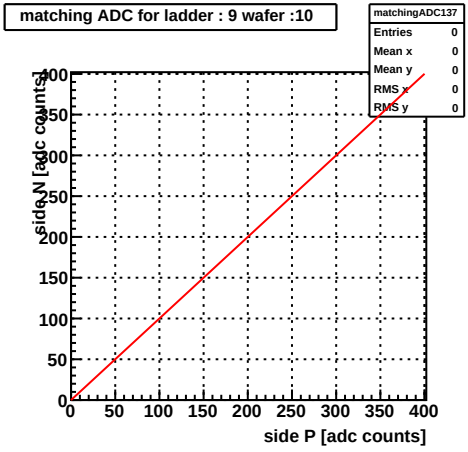

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 725
Mean x 73.26
Mean y 41.26
RMS x 59.32
RMS y 35.23
side N [adc counts]
side P [adc counts]

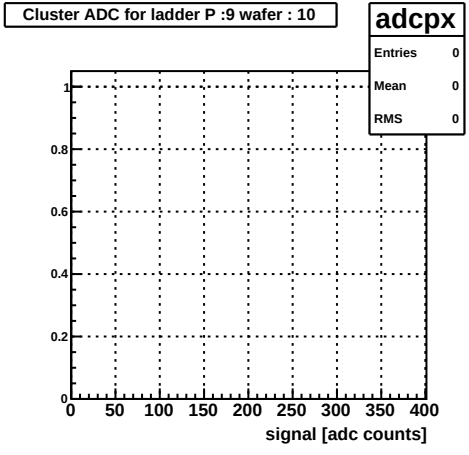

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 4129
Mean 41.13
RMS 36.41
signal [adc counts]

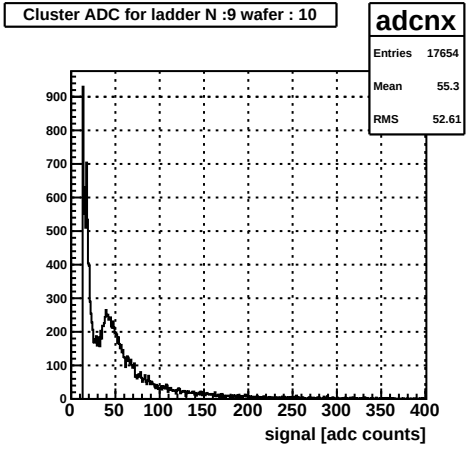

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 15162
Mean 50.22
RMS 48.98
signal [adc counts]

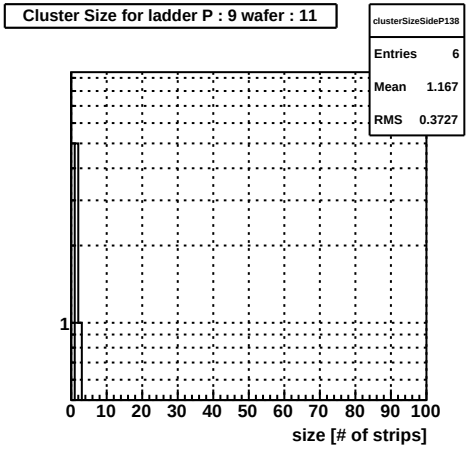

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

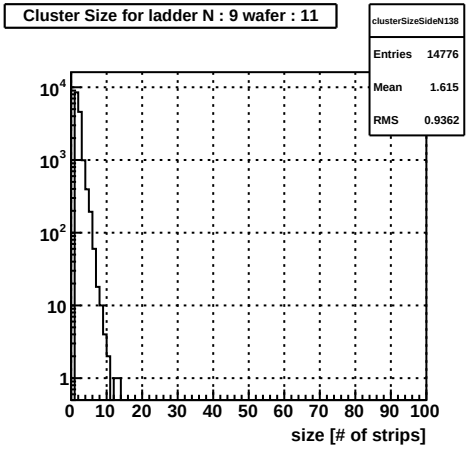

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 17654
Mean 1.37
RMS 0.7029
size [# of strips]

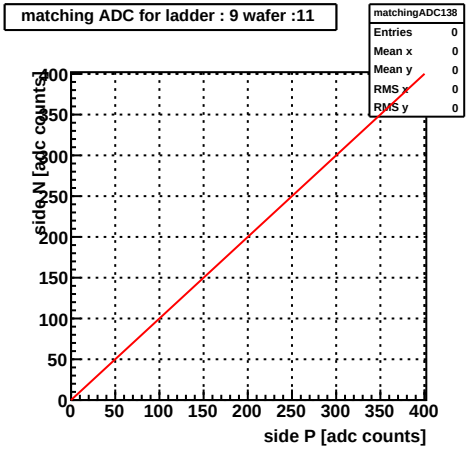

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

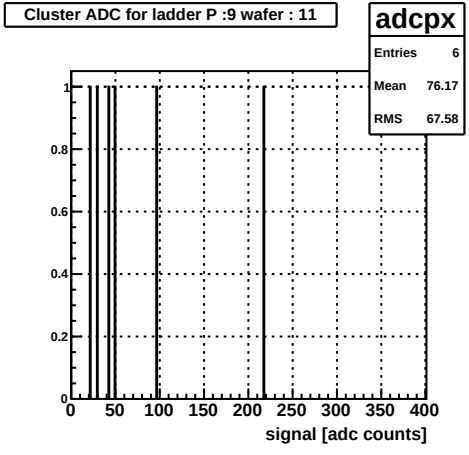

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

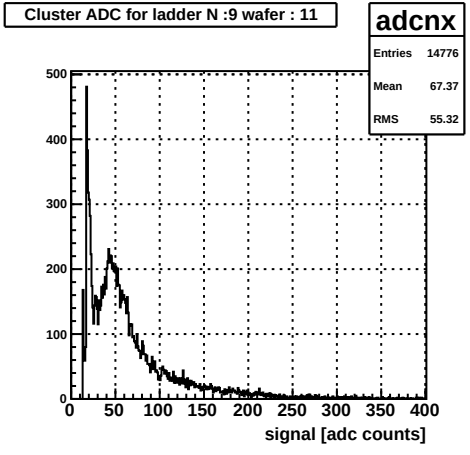

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 17654
Mean 55.3
RMS 52.61
signal [adc counts]

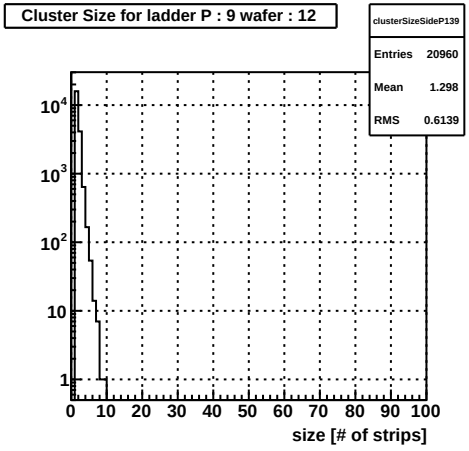

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

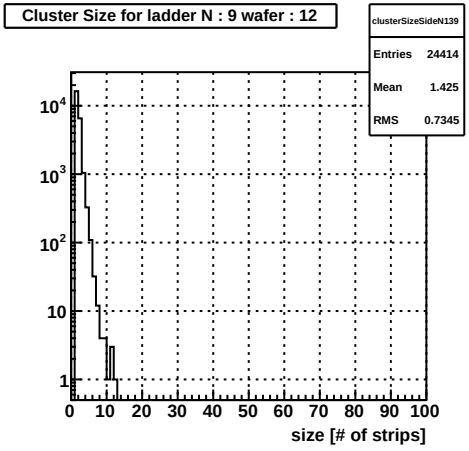

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 14776
Mean 1.615
RMS 0.9362
size [# of strips]

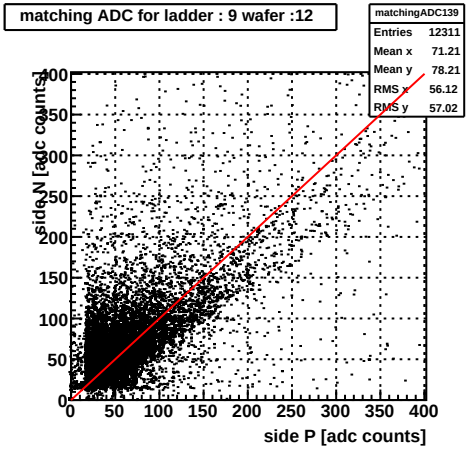

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

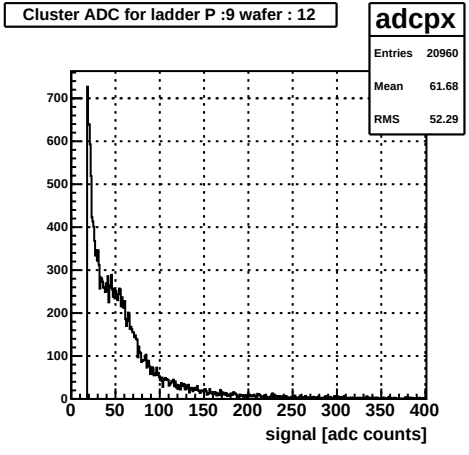

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 6
Mean 76.17
RMS 67.58
signal [adc counts]

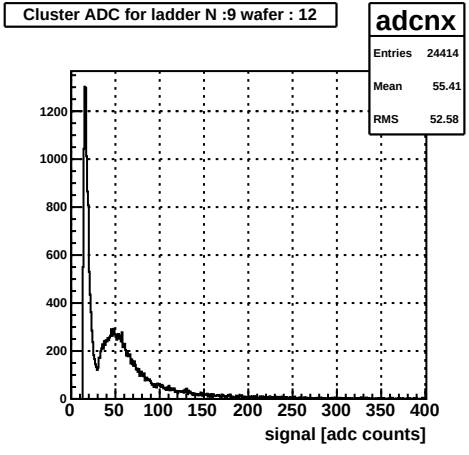

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 14776
Mean 67.37
RMS 55.32
signal [adc counts]

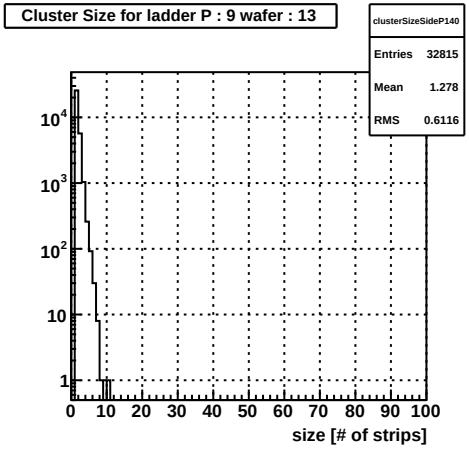

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 20960
Mean 1.298
RMS 0.6139
size [# of strips]

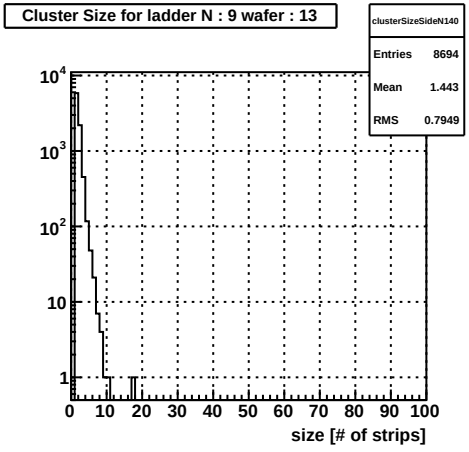

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 24414
Mean 1.425
RMS 0.7345
size [# of strips]

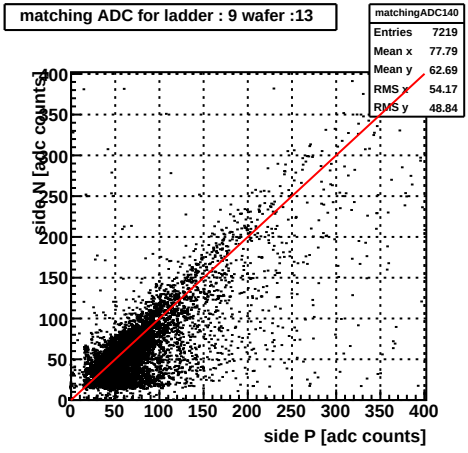

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 12311
Mean x 71.21
Mean y 78.21
RMS x 56.12
RMS y 57.02
side N [adc counts]
side P [adc counts]

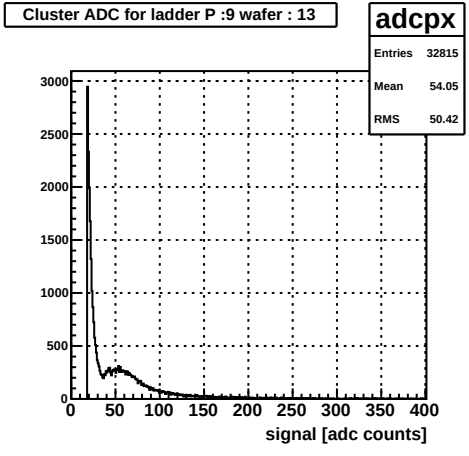

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 20960
Mean 61.68
RMS 52.29
signal [adc counts]

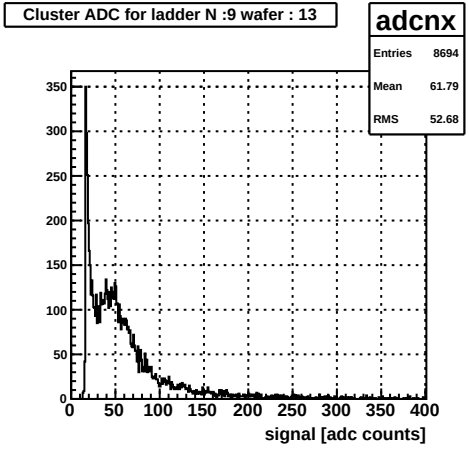

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 24414
Mean 55.41
RMS 52.58
signal [adc counts]

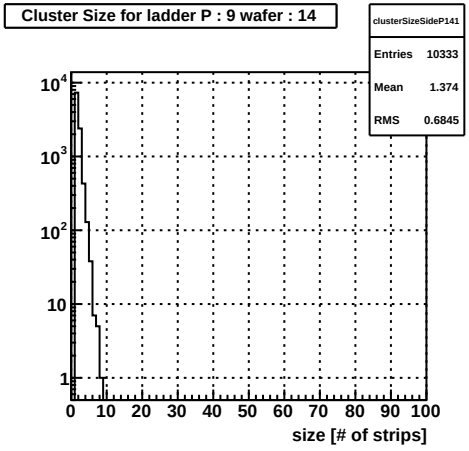

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 32815
Mean 1.278
RMS 0.6116
size [# of strips]

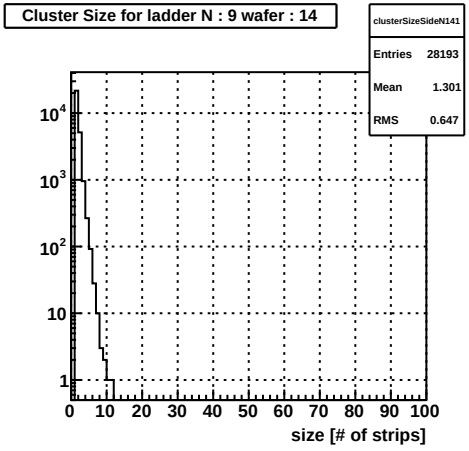

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 8694
Mean 1.443
RMS 0.7949
size [# of strips]

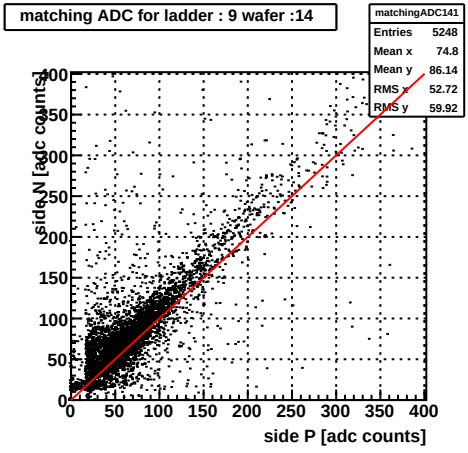

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 7219
Mean x 77.79
Mean y 62.69
RMS x 54.17
RMS y 48.84
side N [adc counts]
side P [adc counts]

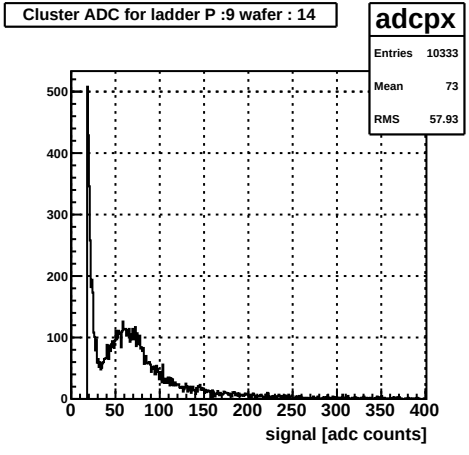

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 32815
Mean 54.05
RMS 50.42
signal [adc counts]

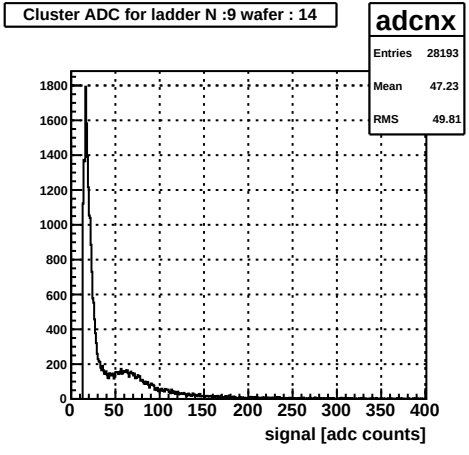

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 8694
Mean 61.79
RMS 52.68
signal [adc counts]

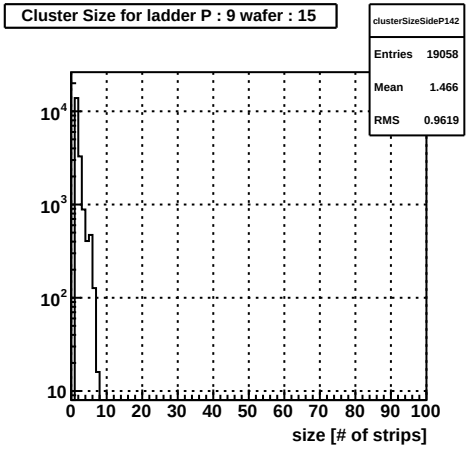

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 10333
Mean 1.374
RMS 0.6845
size [# of strips]

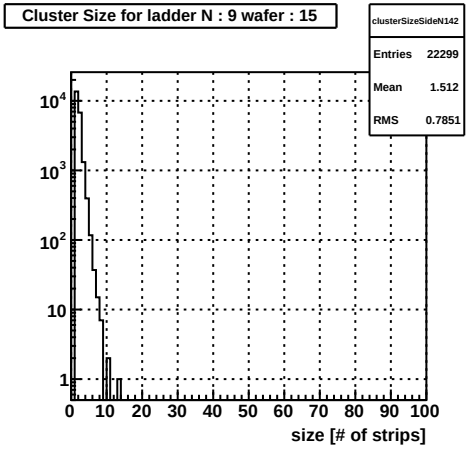

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 28193
Mean 1.301
RMS 0.647
size [# of strips]

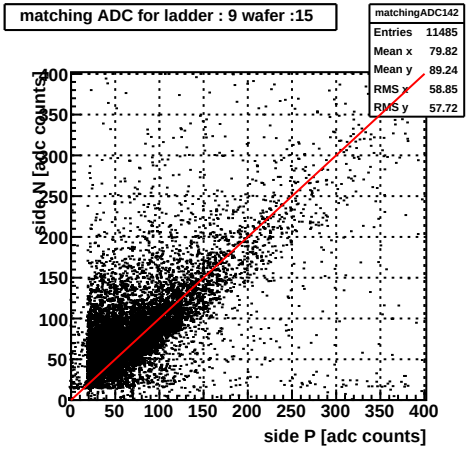

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 5248
Mean x 74.8
Mean y 86.14
RMS x 52.72
RMS y 59.92
side N [adc counts]
side P [adc counts]

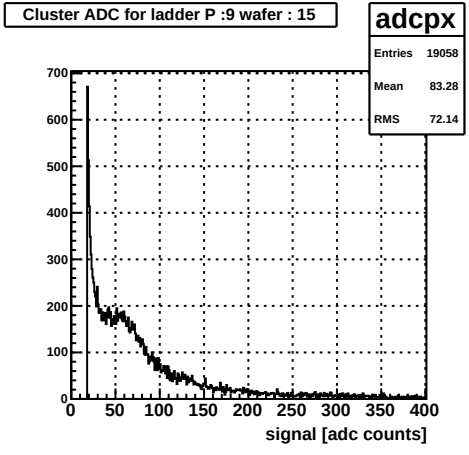

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 10333
Mean 73
RMS 57.93
signal [adc counts]

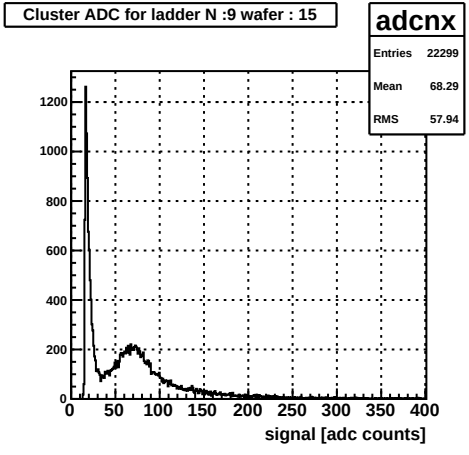

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 28193
Mean 47.23
RMS 49.81
signal [adc counts]

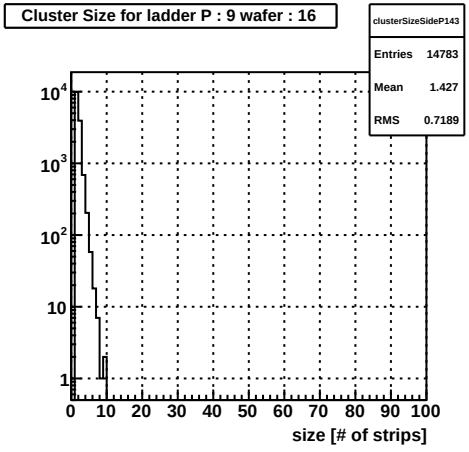

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 19058
Mean 1.466
RMS 0.9619
size [# of strips]

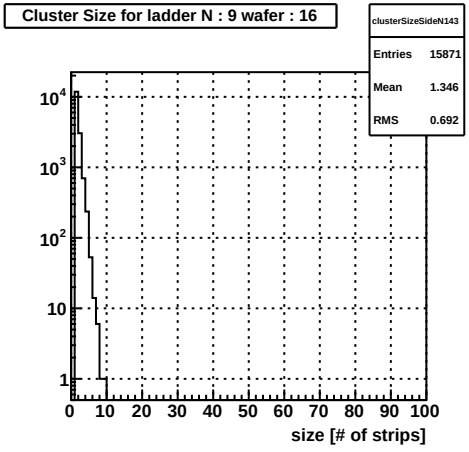

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 22299
Mean 1.512
RMS 0.7851
size [# of strips]

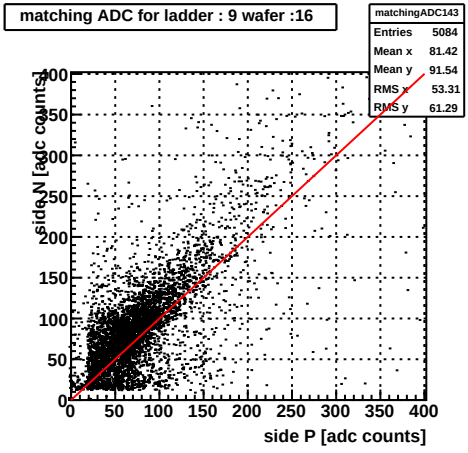

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 11485
Mean x 79.82
Mean y 89.24
RMS x 58.85
RMS y 57.72
side N [adc counts]
side P [adc counts]

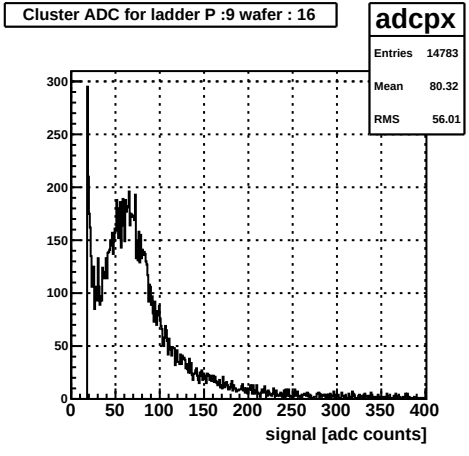

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 19058
Mean 83.28
RMS 72.14
signal [adc counts]

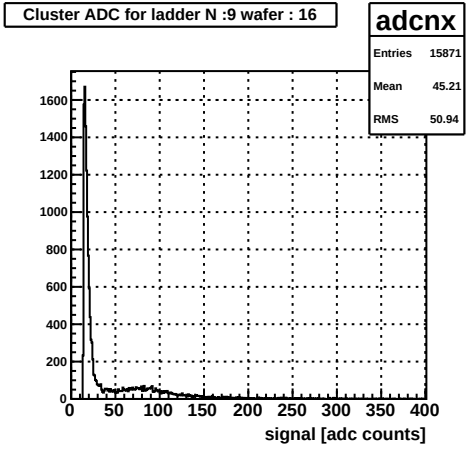

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 22299
Mean 68.29
RMS 57.94
signal [adc counts]

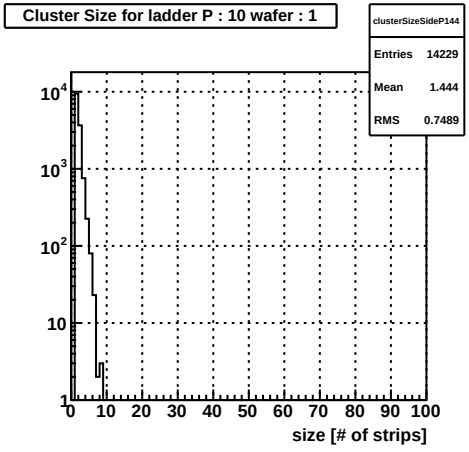

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 14783
Mean 1.427
RMS 0.7189
size [# of strips]

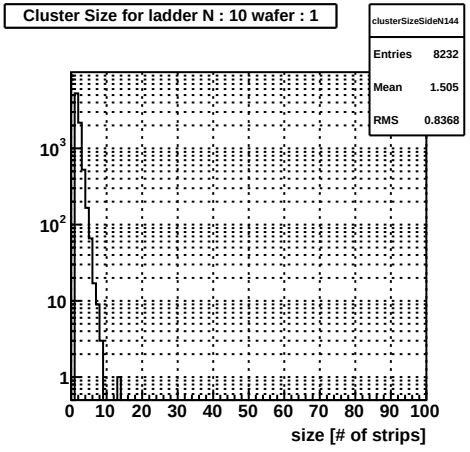

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 15871
Mean 1.346
RMS 0.692
size [# of strips]

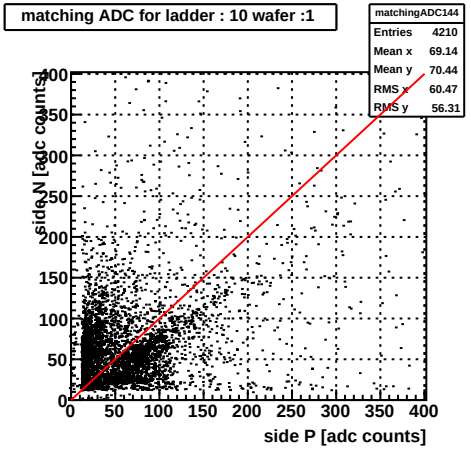

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 5084
Mean x 81.42
Mean y 91.54
RMS x 53.31
RMS y 61.29
side N [adc counts]
side P [adc counts]

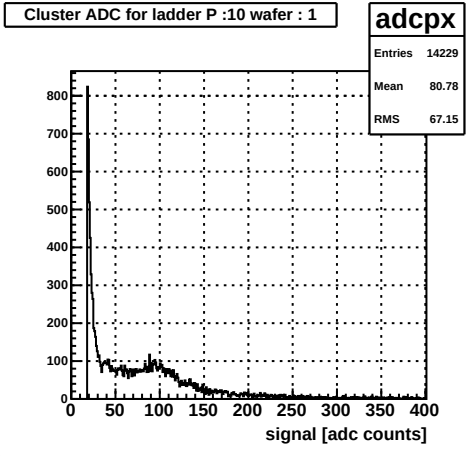

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 14783
Mean 80.32
RMS 56.01
signal [adc counts]

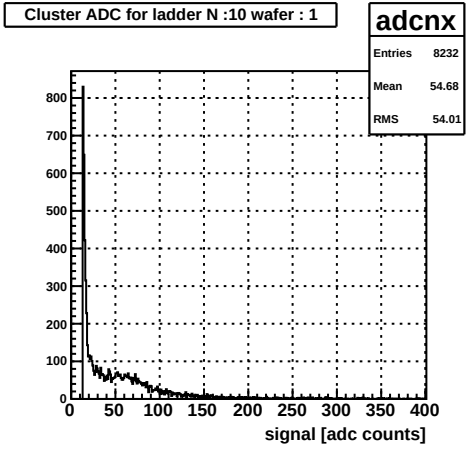

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 15871
Mean 45.21
RMS 50.94
signal [adc counts]

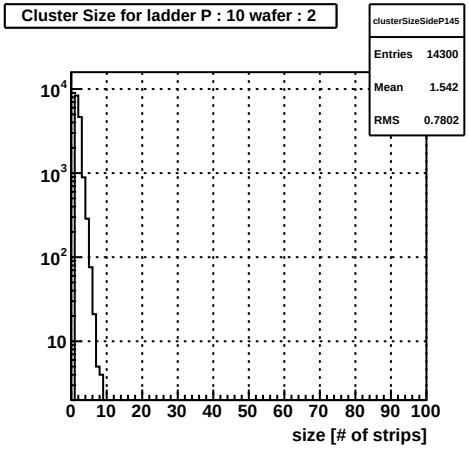

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 14229
Mean 1.444
RMS 0.7489
size [# of strips]

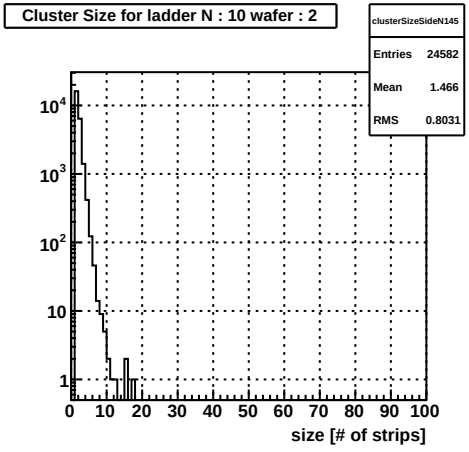

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 8232
Mean 1.505
RMS 0.8368
size [# of strips]

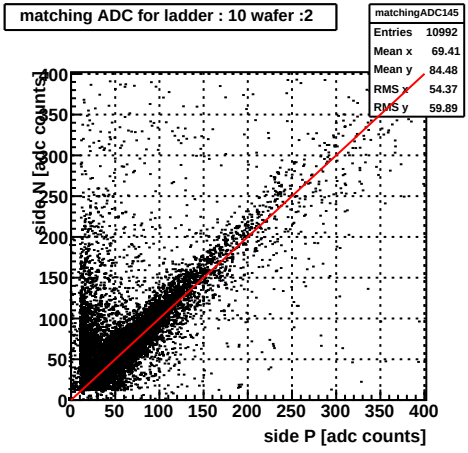

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 4210
Mean x 69.14
Mean y 70.44
RMS x 60.47
RMS y 56.31
side N [adc counts]
side P [adc counts]

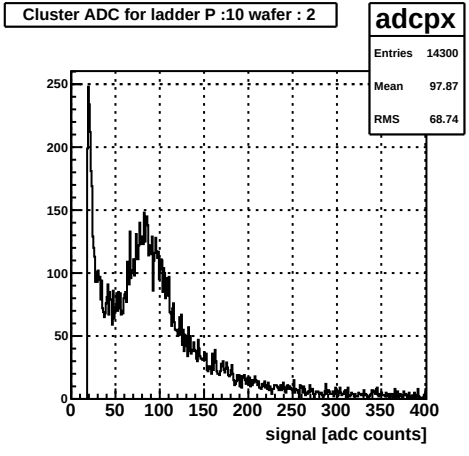

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 14229
Mean 80.78
RMS 67.15
signal [adc counts]

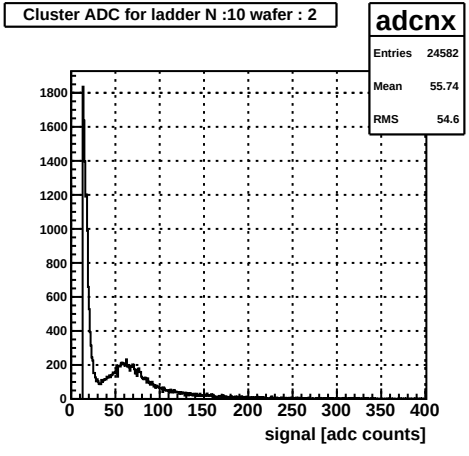

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 8232
Mean 54.68
RMS 54.01
signal [adc counts]

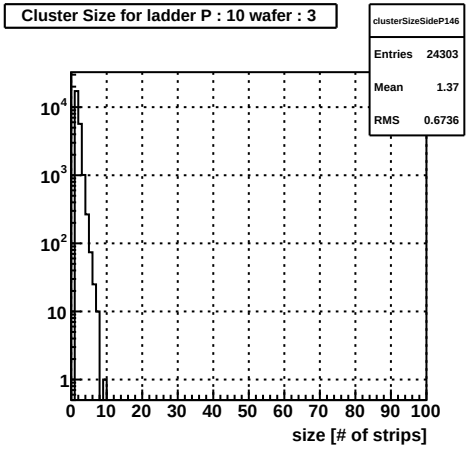

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 14300
Mean 1.542
RMS 0.7802
size [# of strips]

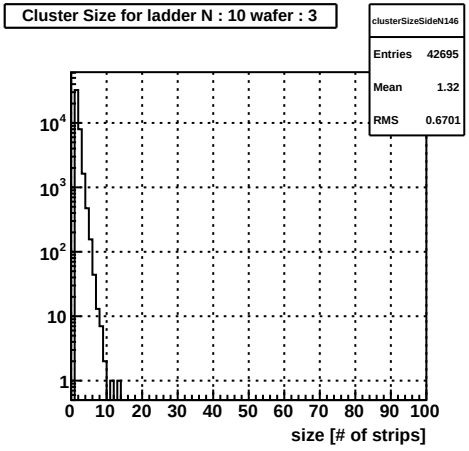

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 24582
Mean 1.466
RMS 0.8031
size [# of strips]

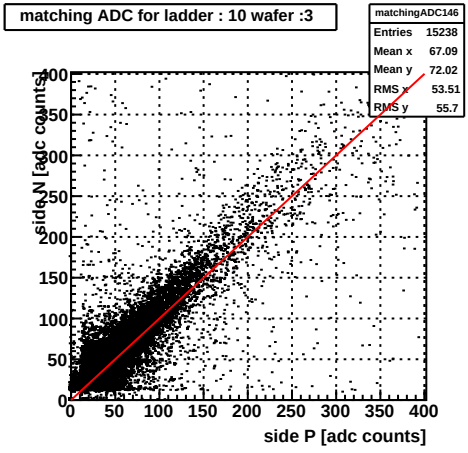

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 10992
Mean x 69.41
Mean y 84.48
RMS x 54.37
RMS y 59.89
side N [adc counts]
side P [adc counts]

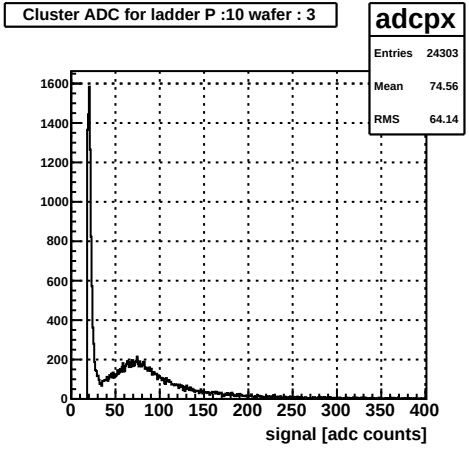

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 14300
Mean 97.87
RMS 68.74
signal [adc counts]

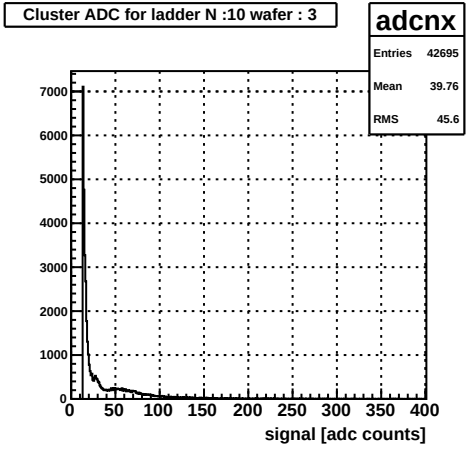

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 24582
Mean 55.74
RMS 54.6
signal [adc counts]

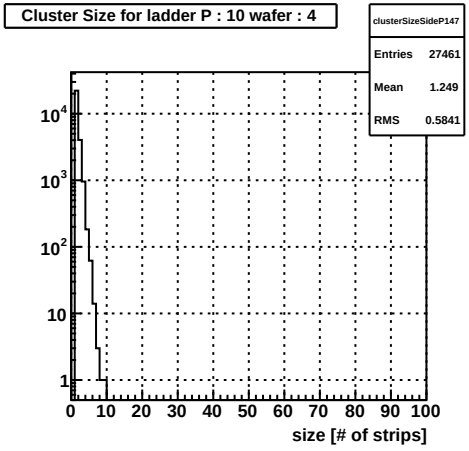

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 24303
Mean 1.37
RMS 0.6736
size [# of strips]

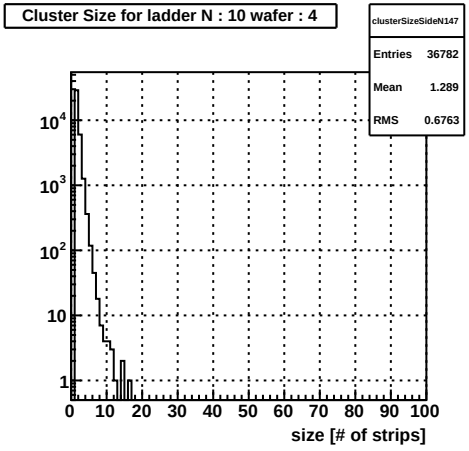

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 42695
Mean 1.32
RMS 0.6701
size [# of strips]

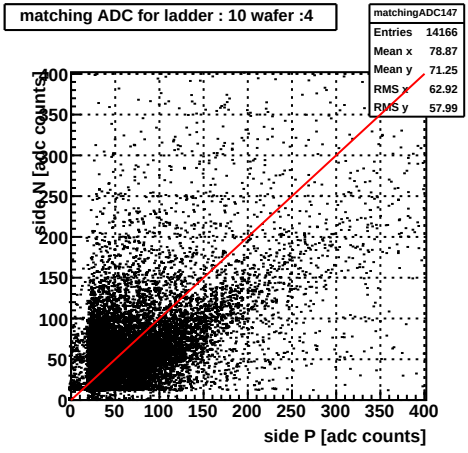

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 15238
Mean x 67.09
Mean y 72.02
RMS x 53.51
RMS y 55.7
side N [adc counts]
side P [adc counts]

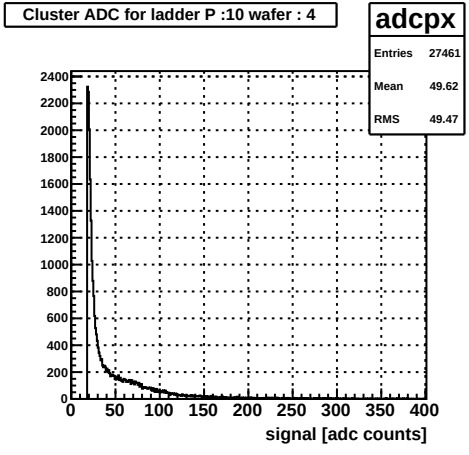

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 24303
Mean 74.56
RMS 64.14
signal [adc counts]

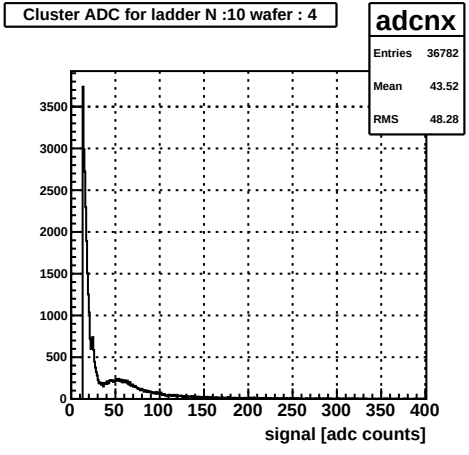

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 42695
Mean 39.76
RMS 45.6
signal [adc counts]

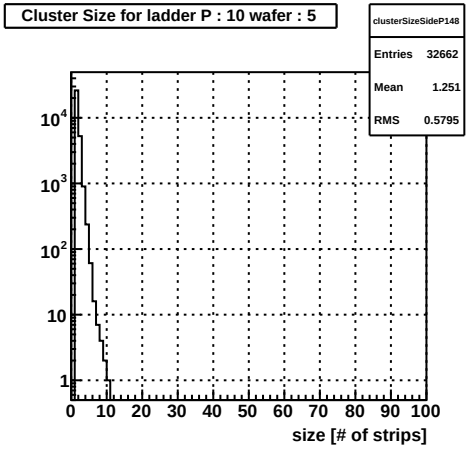

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 27461
Mean 1.249
RMS 0.5841
size [# of strips]

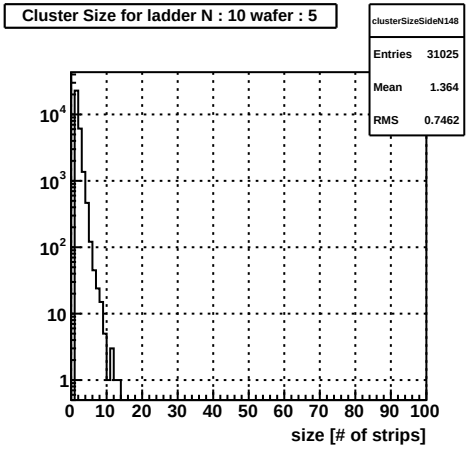

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 36782
Mean 1.289
RMS 0.6763
size [# of strips]

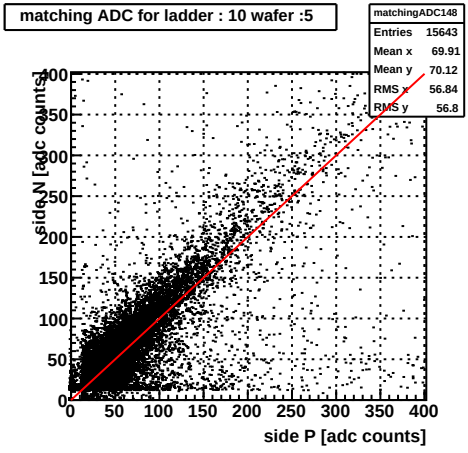

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 14166
Mean x 78.87
Mean y 71.25
RMS x 62.92
RMS y 57.99
side N [adc counts]
side P [adc counts]

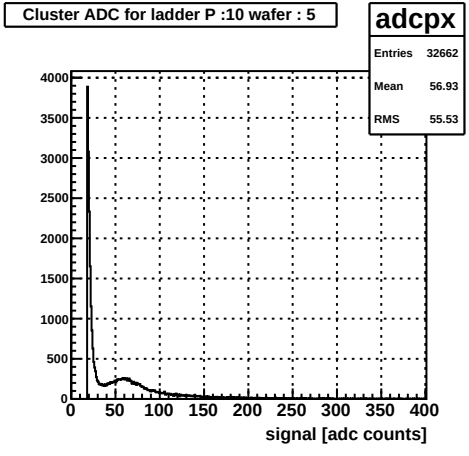

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 27461
Mean 49.62
RMS 49.47
signal [adc counts]

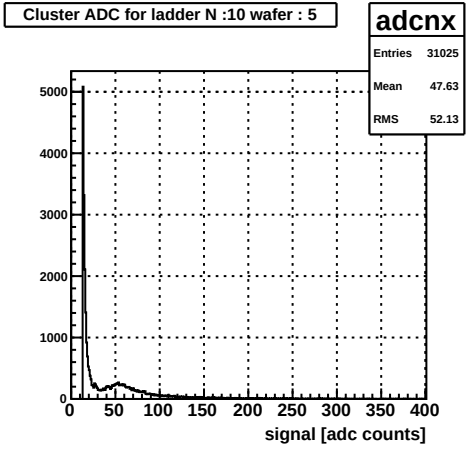

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 36782
Mean 43.52
RMS 48.28
signal [adc counts]

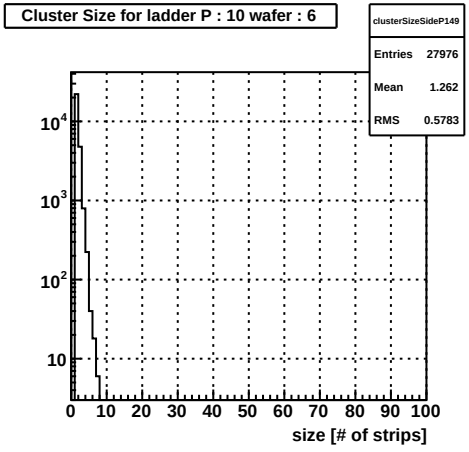

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 32662
Mean 1.251
RMS 0.5795
size [# of strips]

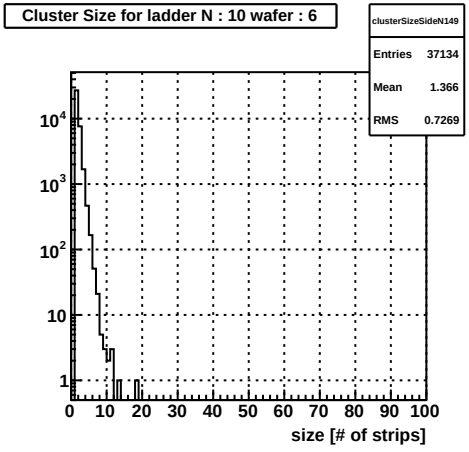

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 31025
Mean 1.364
RMS 0.7462
size [# of strips]

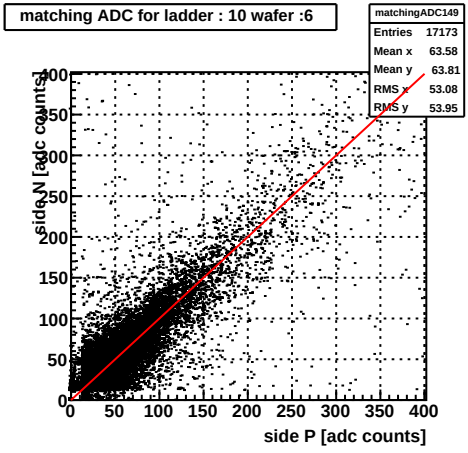

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 15643
Mean x 69.91
Mean y 70.12
RMS x 56.84
RMS y 56.8
side N [adc counts]
side P [adc counts]

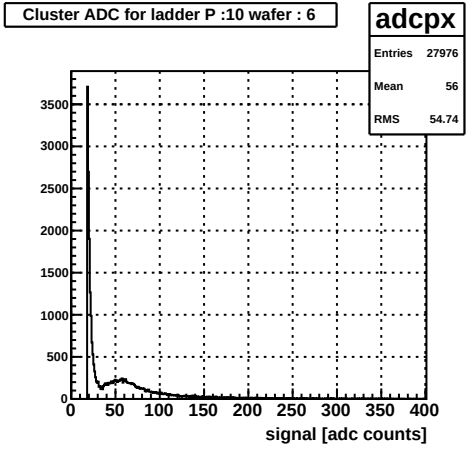

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 32662
Mean 56.93
RMS 55.53
signal [adc counts]

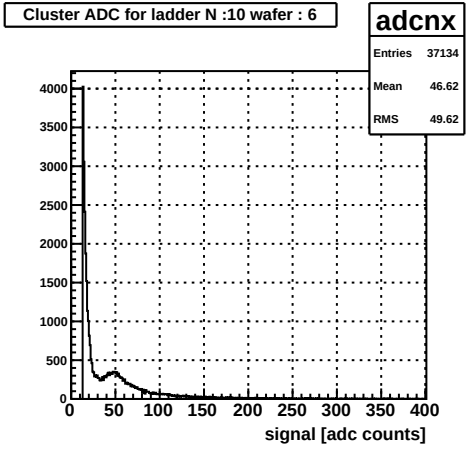

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 31025
Mean 47.63
RMS 52.13
signal [adc counts]

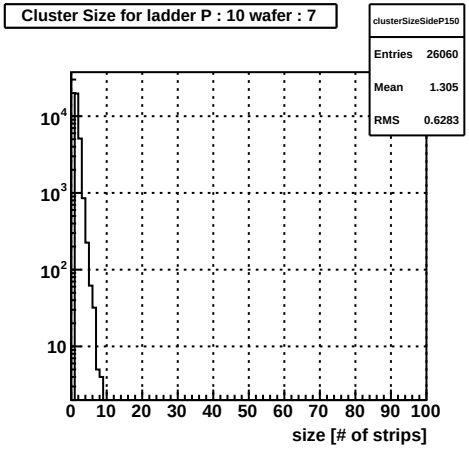

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 27976
Mean 1.262
RMS 0.5783
size [# of strips]

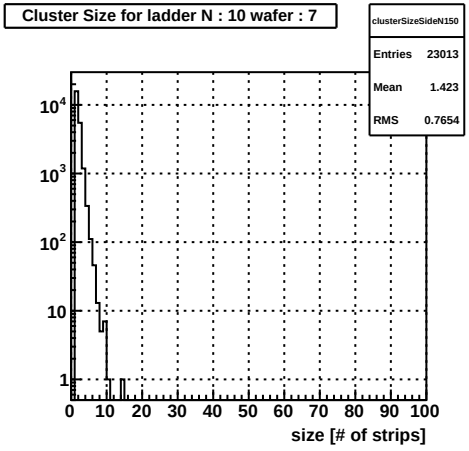

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 37134
Mean 1.366
RMS 0.7269
size [# of strips]

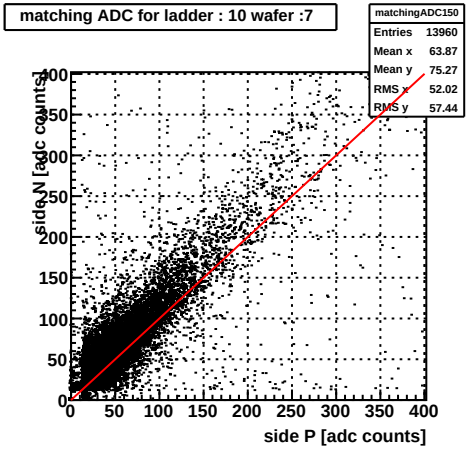

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 17173
Mean x 63.58
Mean y 63.81
RMS x 53.08
RMS y 53.95
side N [adc counts]
side P [adc counts]

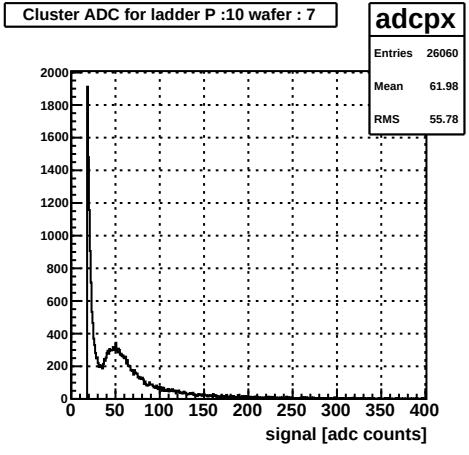

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 27976
Mean 56
RMS 54.74
signal [adc counts]

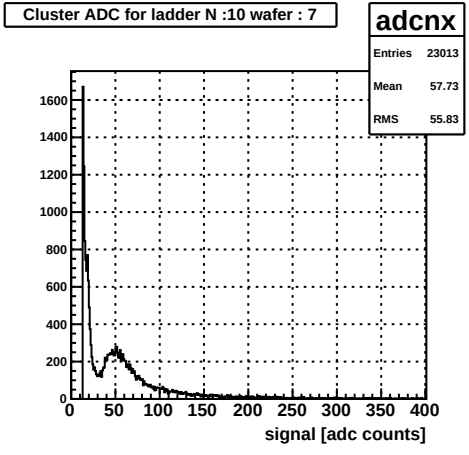

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 37134
Mean 46.62
RMS 49.62
signal [adc counts]

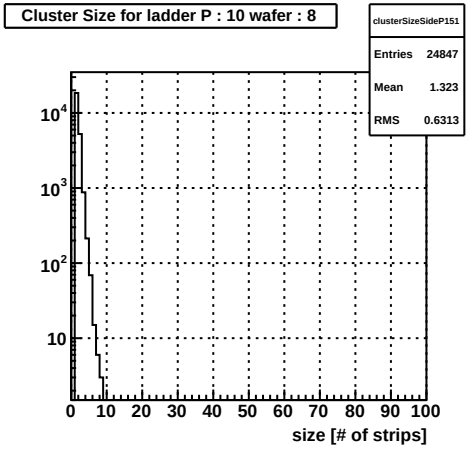

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 26060
Mean 1.305
RMS 0.6283
size [# of strips]

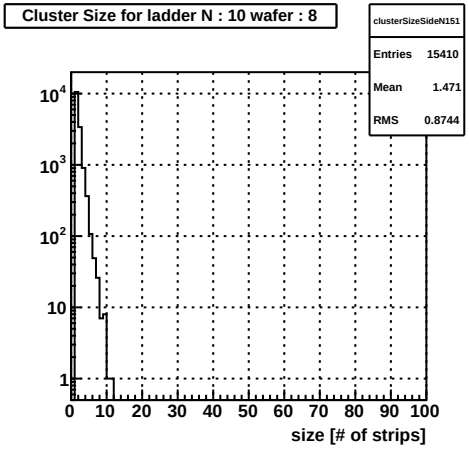

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 23013
Mean 1.423
RMS 0.7654
size [# of strips]

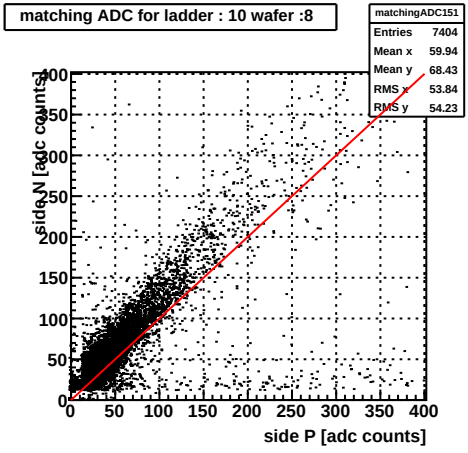

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 13960
Mean x 63.87
Mean y 75.27
RMS x 52.02
RMS y 57.44
side N [adc counts]
side P [adc counts]

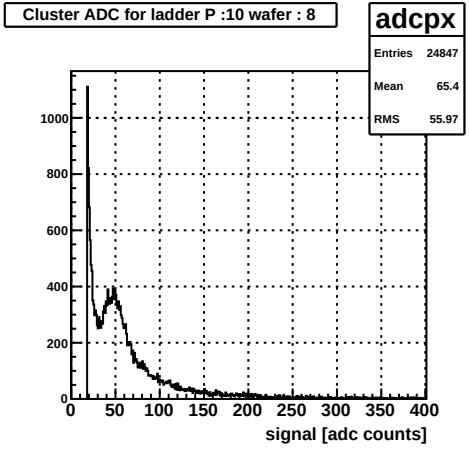

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 26060
Mean 61.98
RMS 55.78
signal [adc counts]

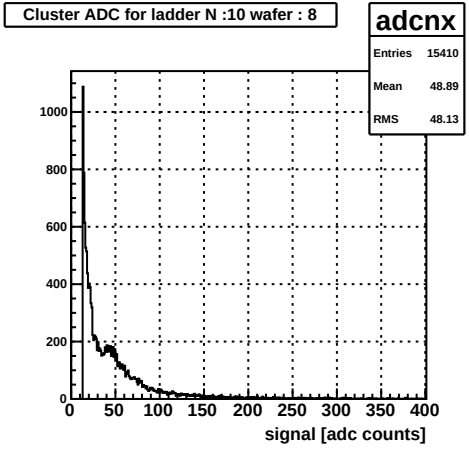

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 23013
Mean 57.73
RMS 55.83
signal [adc counts]

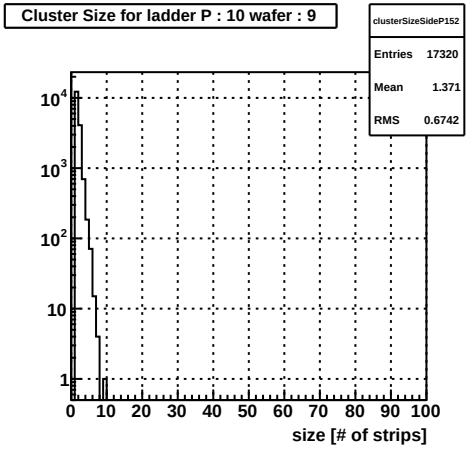

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 24847
Mean 1.323
RMS 0.6313
size [# of strips]

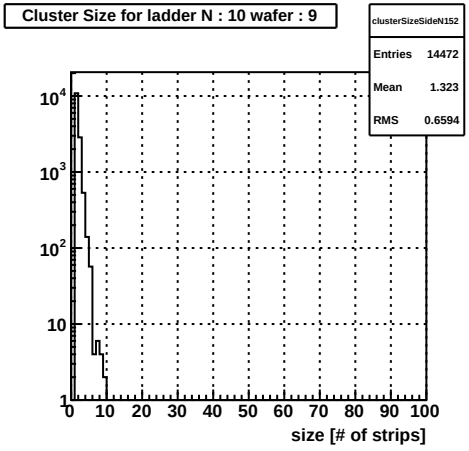

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 15410
Mean 1.471
RMS 0.8744
size [# of strips]

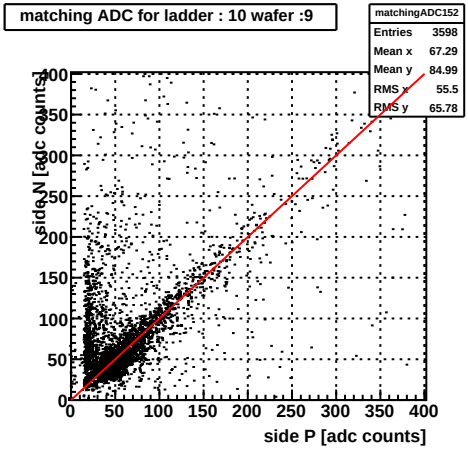

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7404
Mean x 59.94
Mean y 68.43
RMS x 53.84
RMS y 54.23
side N [adc counts]
side P [adc counts]

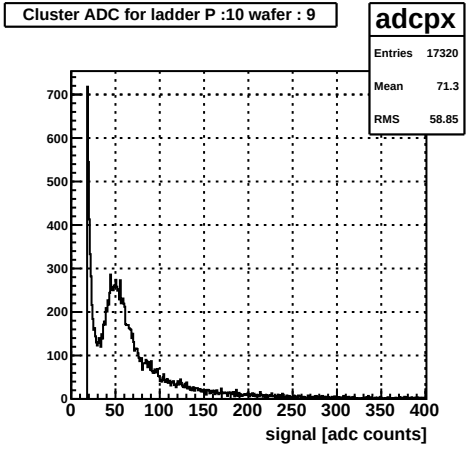

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 24847
Mean 65.4
RMS 55.97
signal [adc counts]

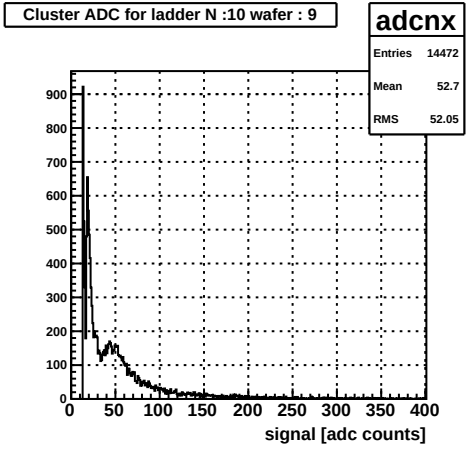

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 15410
Mean 48.89
RMS 48.13
signal [adc counts]

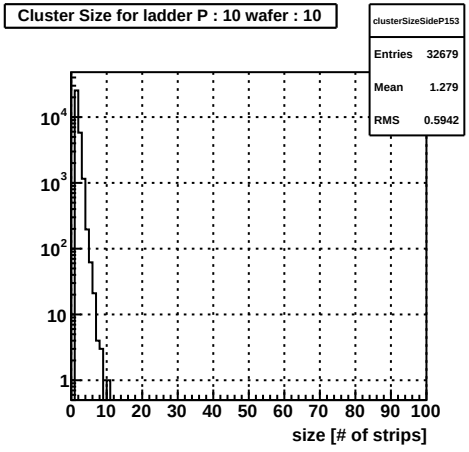

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 17320
Mean 1.371
RMS 0.6742
size [# of strips]

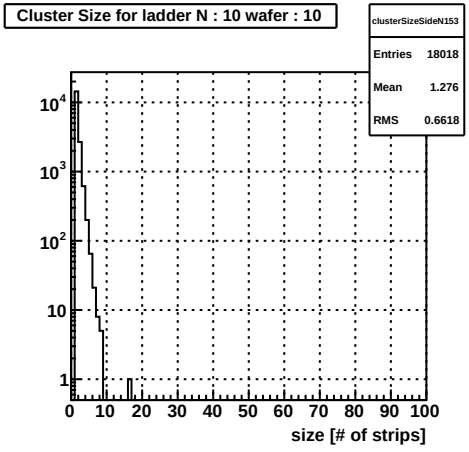

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 14472
Mean 1.323
RMS 0.6594
size [# of strips]

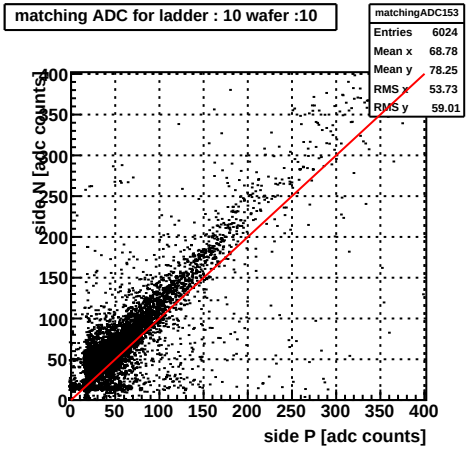

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3598
Mean x 67.29
Mean y 84.99
RMS x 55.5
RMS y 65.78
side N [adc counts]
side P [adc counts]

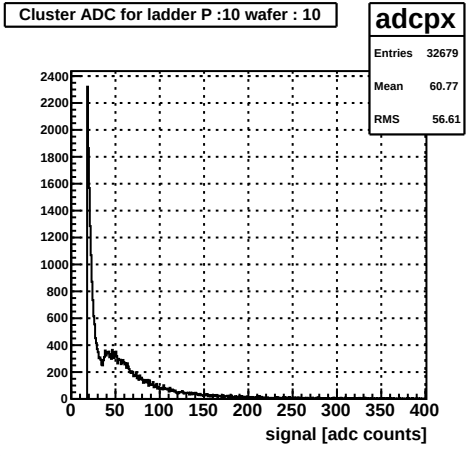

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 17320
Mean 71.3
RMS 58.85
signal [adc counts]

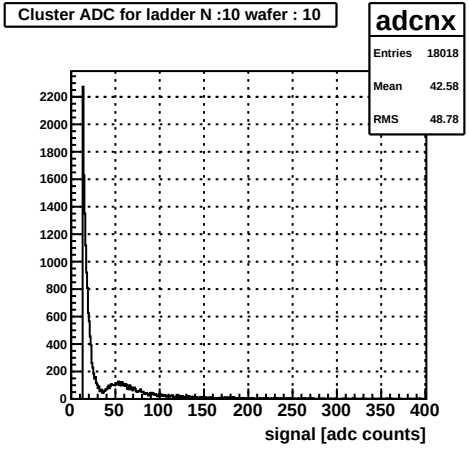

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 14472
Mean 52.7
RMS 52.05
signal [adc counts]

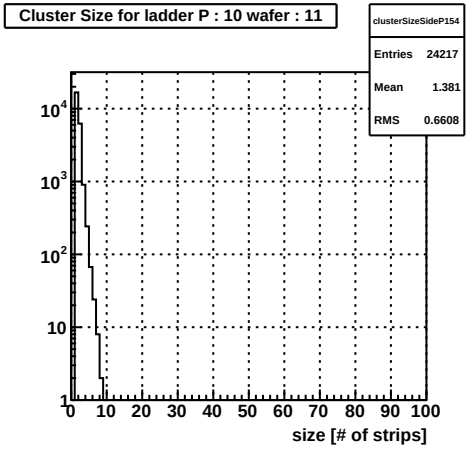

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 32679
Mean 1.279
RMS 0.5942
size [# of strips]

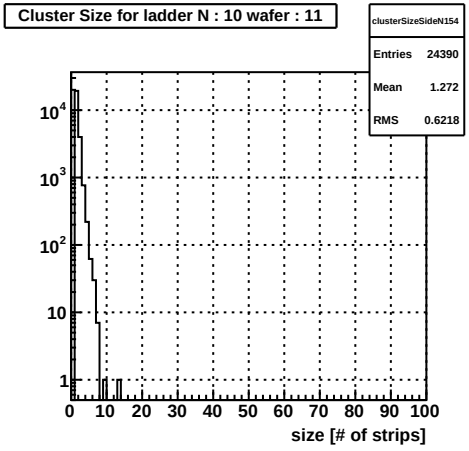

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 18018
Mean 1.276
RMS 0.6618
size [# of strips]

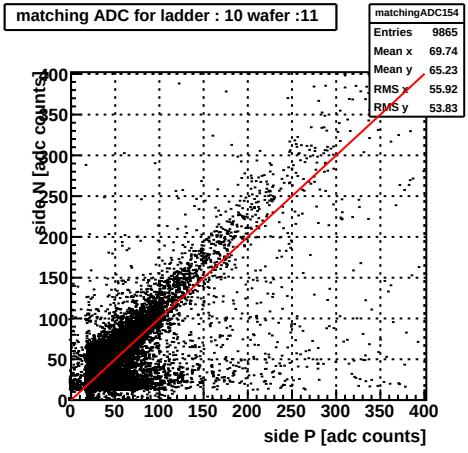

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 6024
Mean x 68.78
Mean y 78.25
RMS x 53.73
RMS y 59.01
side N [adc counts]
side P [adc counts]

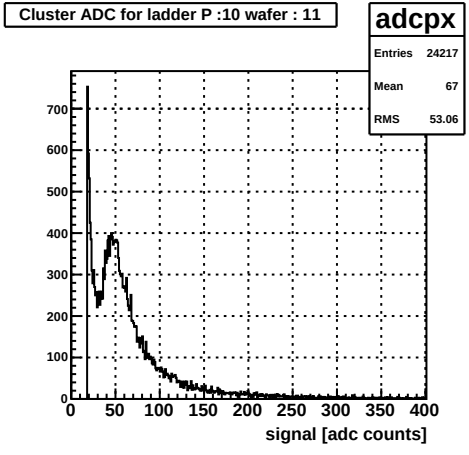

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 32679
Mean 60.77
RMS 56.61
signal [adc counts]

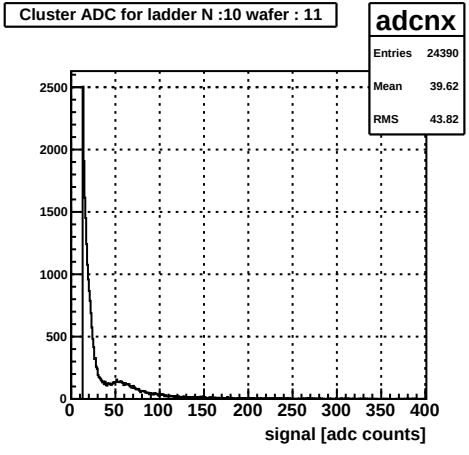

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 18018
Mean 42.58
RMS 48.78
signal [adc counts]

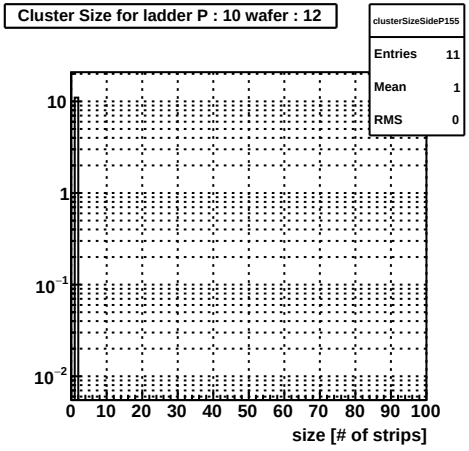

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 24217
Mean 1.381
RMS 0.6608
size [# of strips]

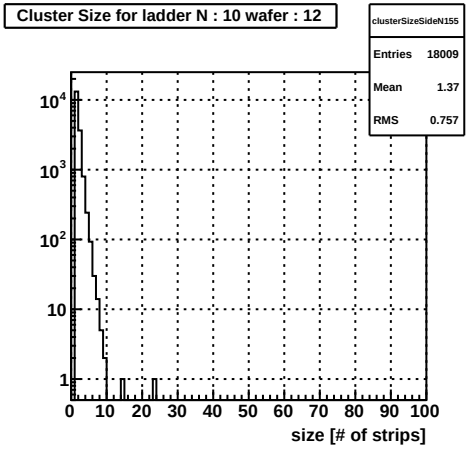

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 24390
Mean 1.272
RMS 0.6218
size [# of strips]

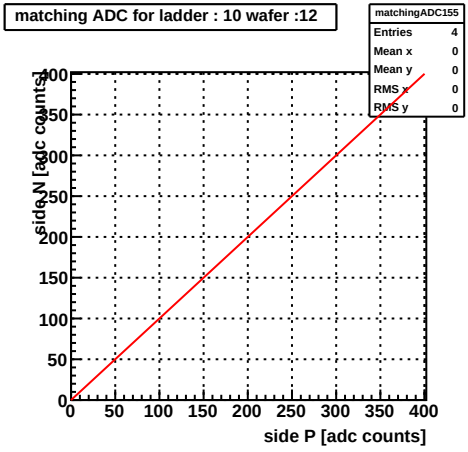

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 9865
Mean x 69.74
Mean y 65.23
RMS x 55.92
RMS y 53.83
side N [adc counts]
side P [adc counts]

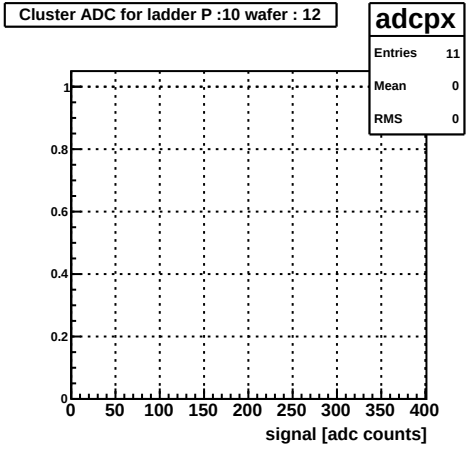

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 24217
Mean 67
RMS 53.06
signal [adc counts]

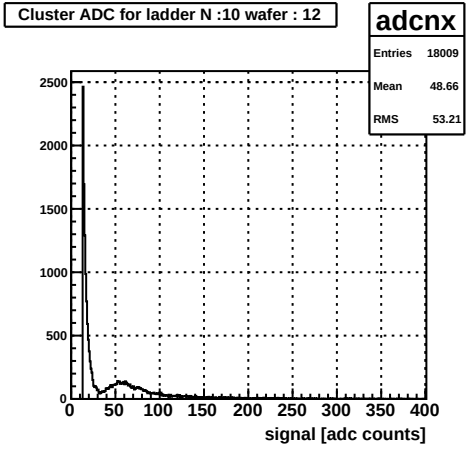

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 24390
Mean 39.62
RMS 43.82
signal [adc counts]

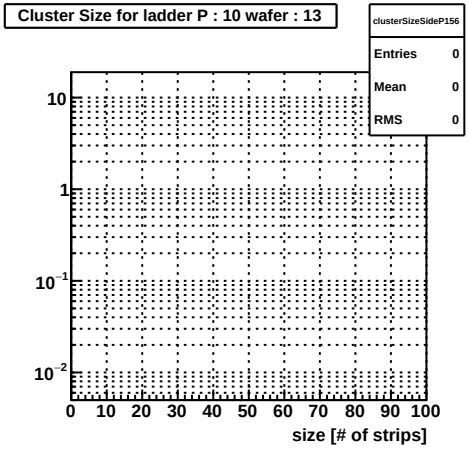

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 11
Mean 1
RMS 0
size [# of strips]

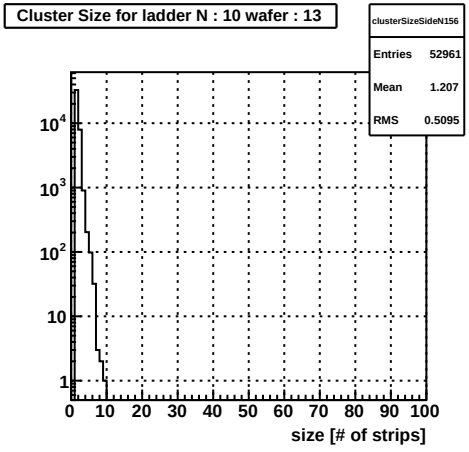

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 18009
Mean 1.37
RMS 0.757
size [# of strips]

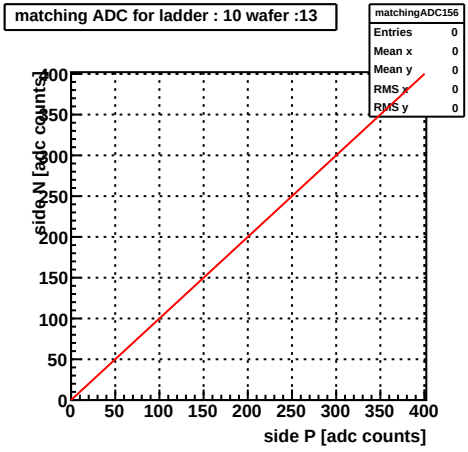

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

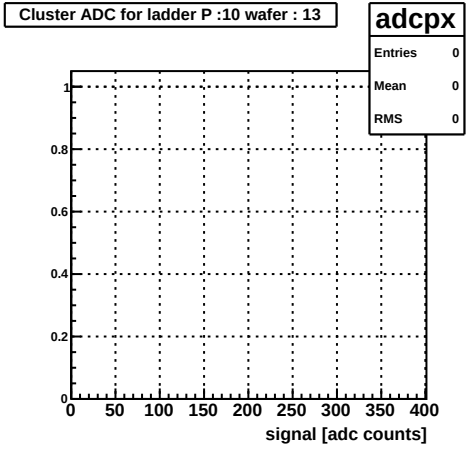

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 11
Mean 0
RMS 0
signal [adc counts]

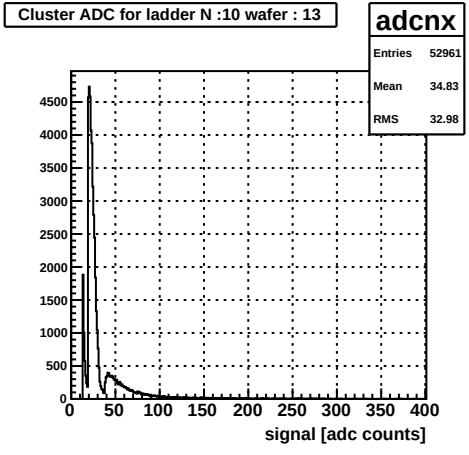

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 18009
Mean 48.66
RMS 53.21
signal [adc counts]

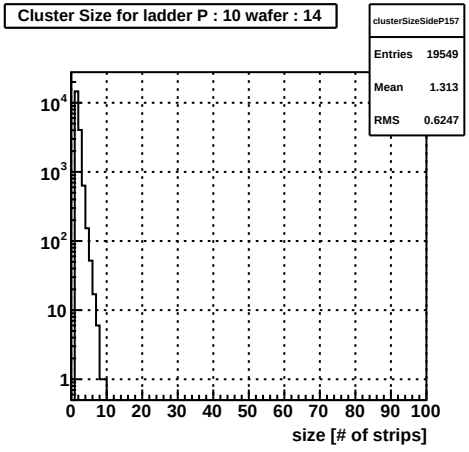

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

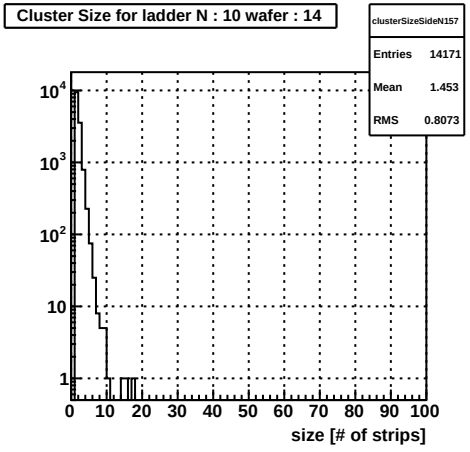

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 52961
Mean 1.207
RMS 0.5095
size [# of strips]

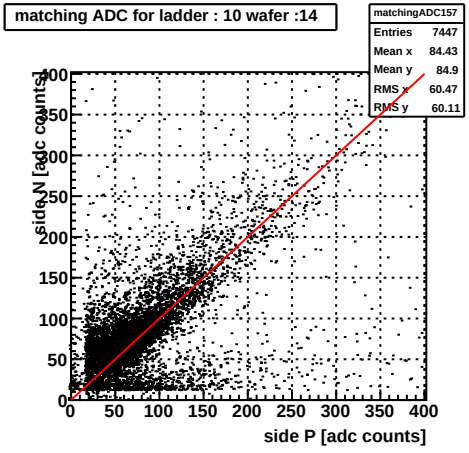

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

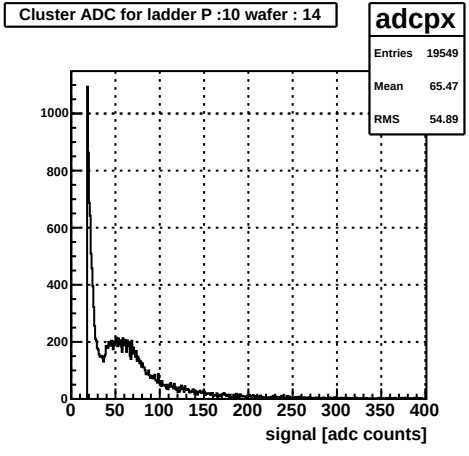

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

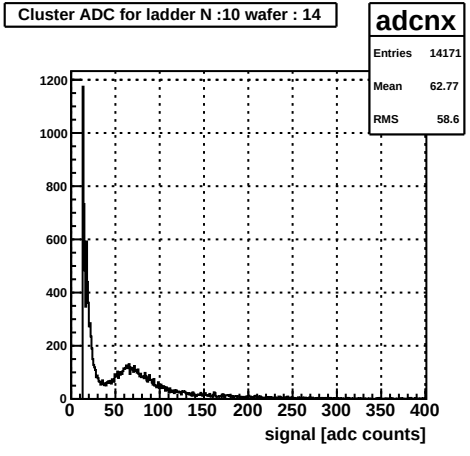

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 52961
Mean 34.83
RMS 32.98
signal [adc counts]

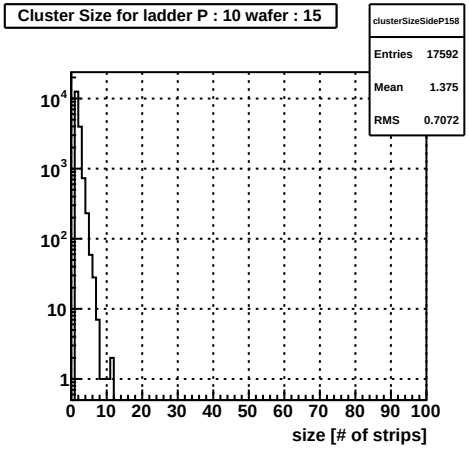

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 19549
Mean 1.313
RMS 0.6247
size [# of strips]

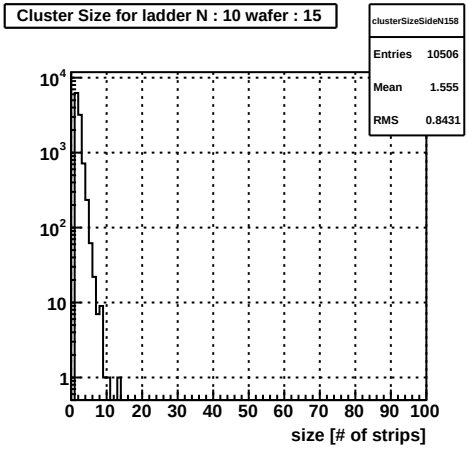

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 14171
Mean 1.453
RMS 0.8073
size [# of strips]

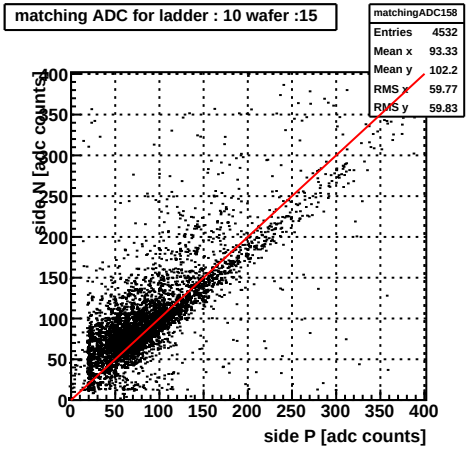

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 7447
Mean x 84.43
Mean y 84.9
RMS x 60.47
RMS y 60.11
side N [adc counts]
side P [adc counts]

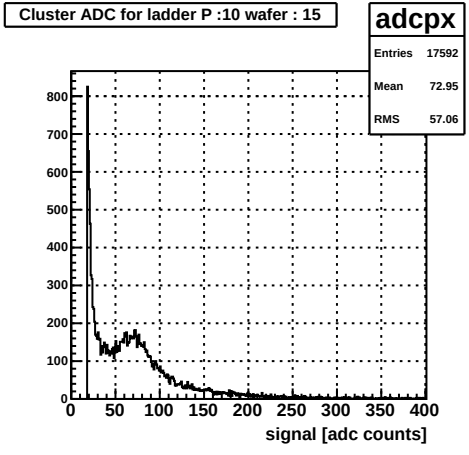

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 19549
Mean 65.47
RMS 54.89
signal [adc counts]

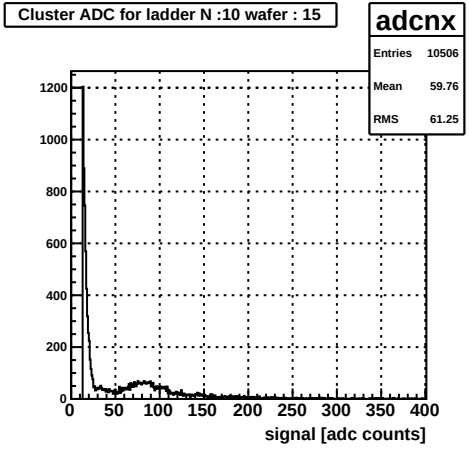

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 14171
Mean 62.77
RMS 58.6
signal [adc counts]

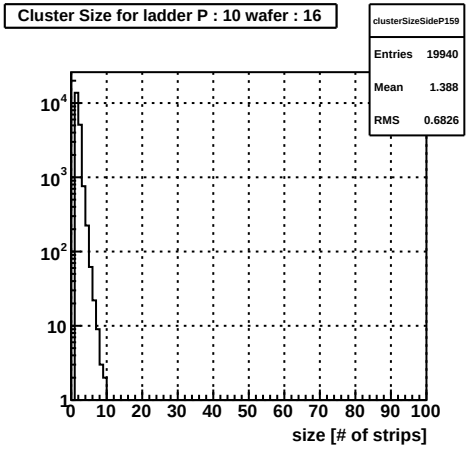

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 17592
Mean 1.375
RMS 0.7072
size [# of strips]

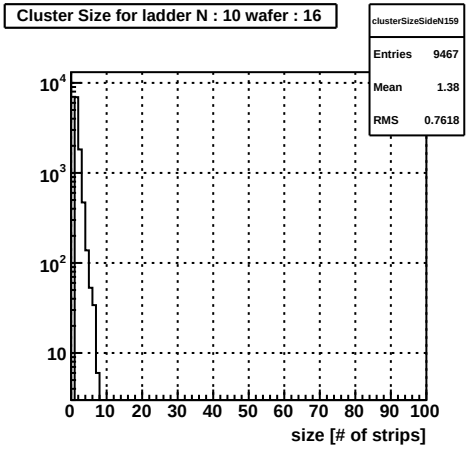

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 10506
Mean 1.555
RMS 0.8431
size [# of strips]

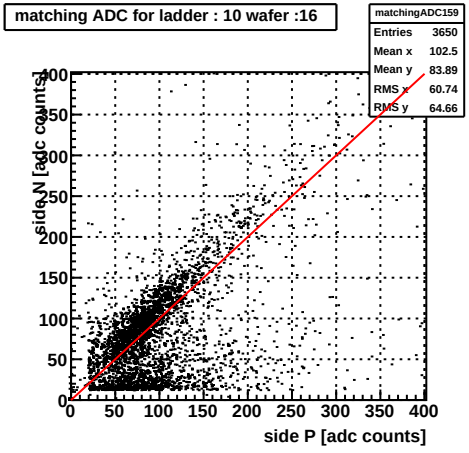

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 4532
Mean x 93.33
Mean y 102.2
RMS x 59.77
RMS y 59.83
side N [adc counts]
side P [adc counts]

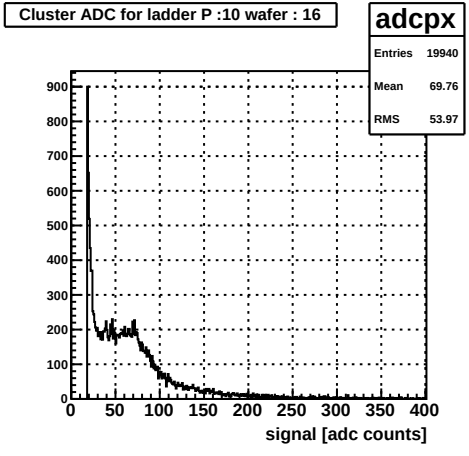

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 17592
Mean 72.95
RMS 57.06
signal [adc counts]

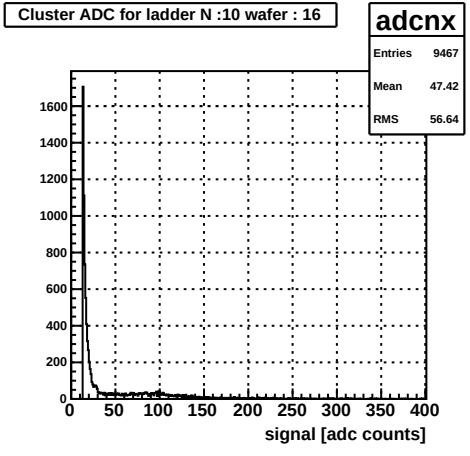

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 10506
Mean 59.76
RMS 61.25
signal [adc counts]

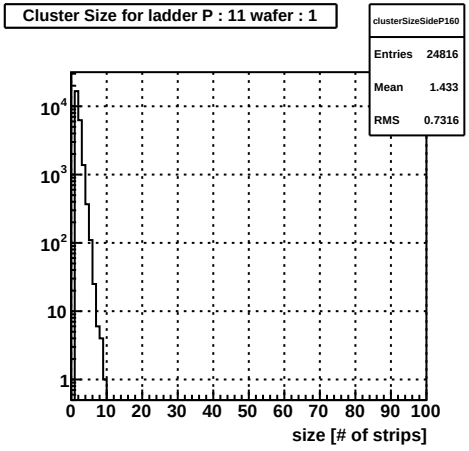

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 19940
Mean 1.388
RMS 0.6826
size [# of strips]

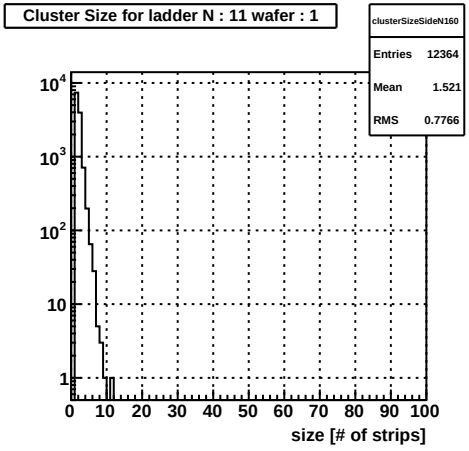

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 9467
Mean 1.38
RMS 0.7618
size [# of strips]

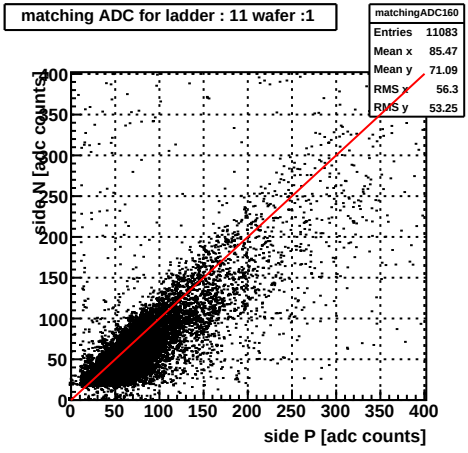

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 3650
Mean x 102.5
Mean y 83.89
RMS x 60.74
RMS y 64.66
side N [adc counts]
side P [adc counts]

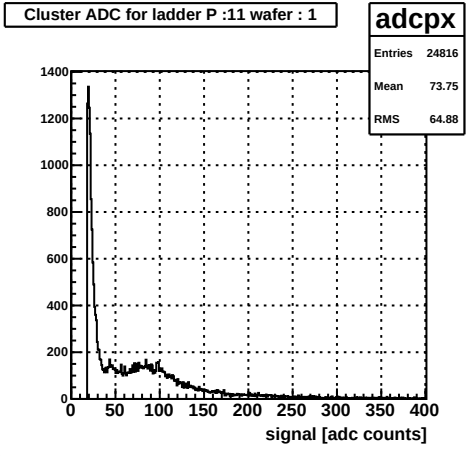

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 19940
Mean 69.76
RMS 53.97
signal [adc counts]

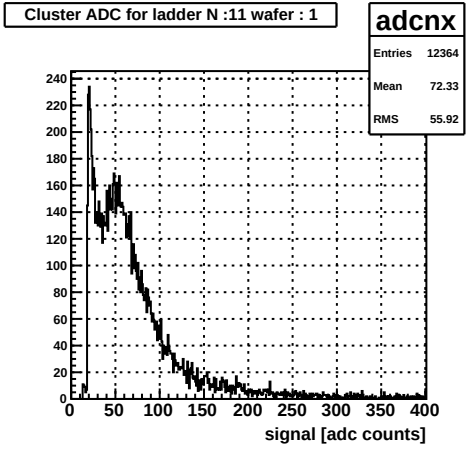

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 9467
Mean 47.42
RMS 56.64
signal [adc counts]

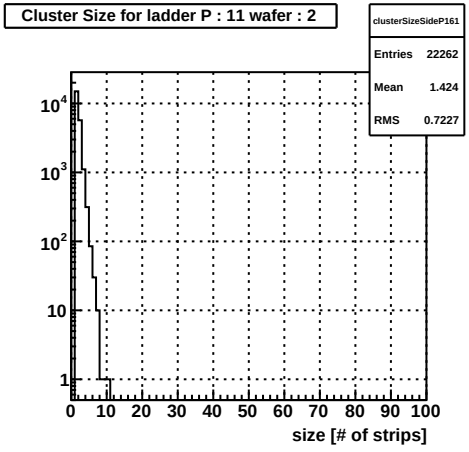

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 24816
Mean 1.433
RMS 0.7316
size [# of strips]

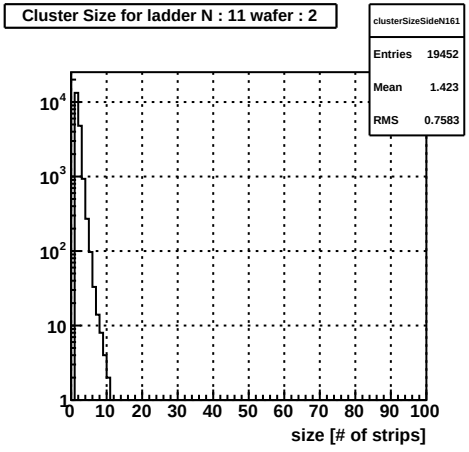

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 12364
Mean 1.521
RMS 0.7766
size [# of strips]

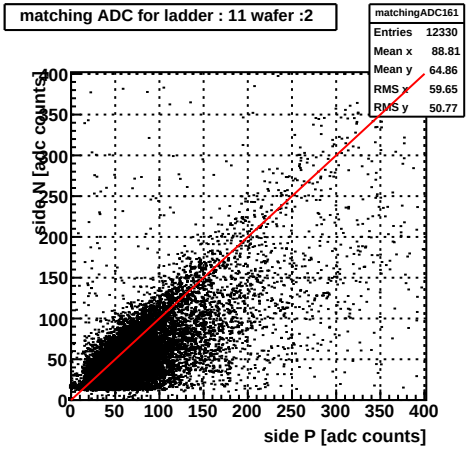

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 11083
Mean x 85.47
Mean y 71.09
RMS x 56.3
RMS y 53.25
side N [adc counts]
side P [adc counts]

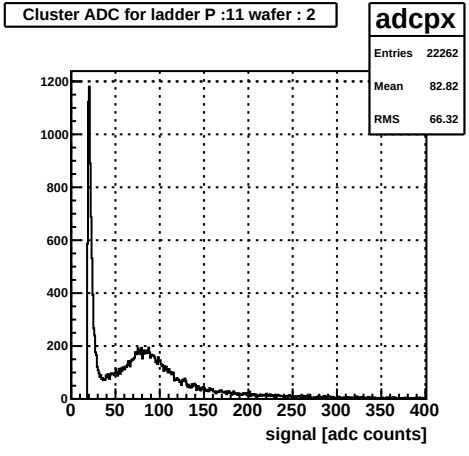

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 24816
Mean 73.75
RMS 64.88
signal [adc counts]

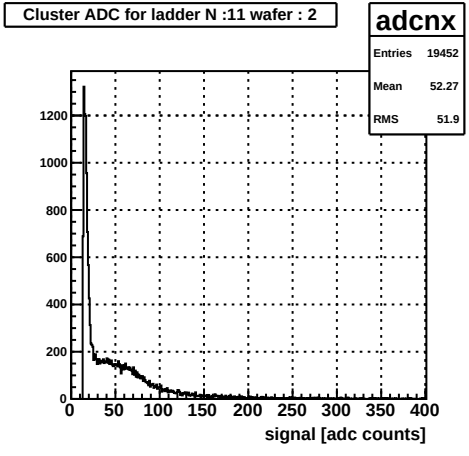

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 12364
Mean 72.33
RMS 55.92
signal [adc counts]

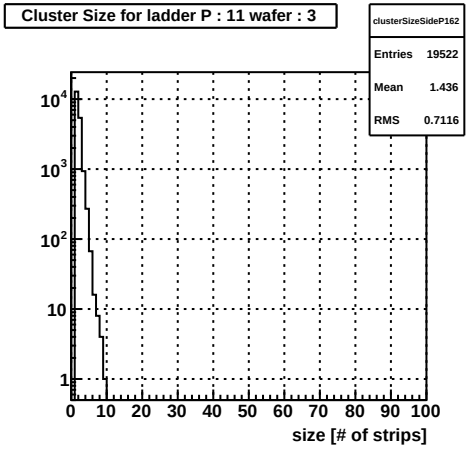

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 22262
Mean 1.424
RMS 0.7227
size [# of strips]

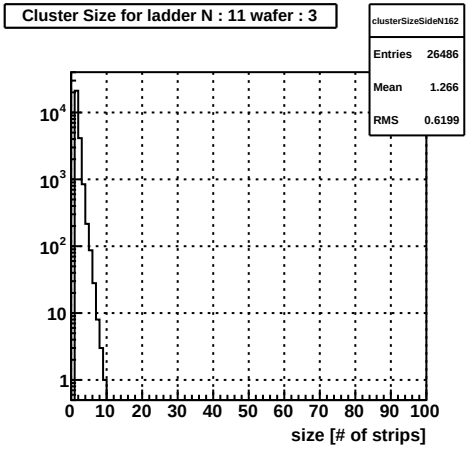

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 19452
Mean 1.423
RMS 0.7583
size [# of strips]

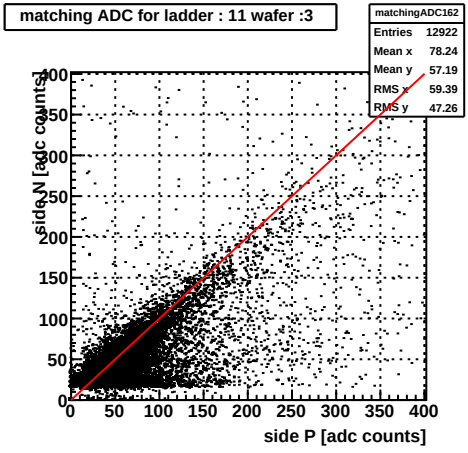

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 12330
Mean x 88.81
Mean y 64.86
RMS x 59.65
RMS y 50.77
side N [adc counts]
side P [adc counts]

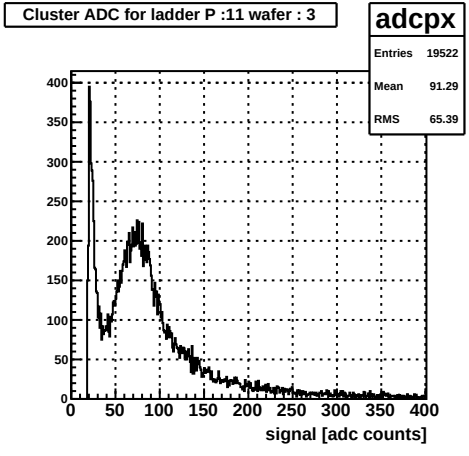

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 22262
Mean 82.82
RMS 66.32
signal [adc counts]

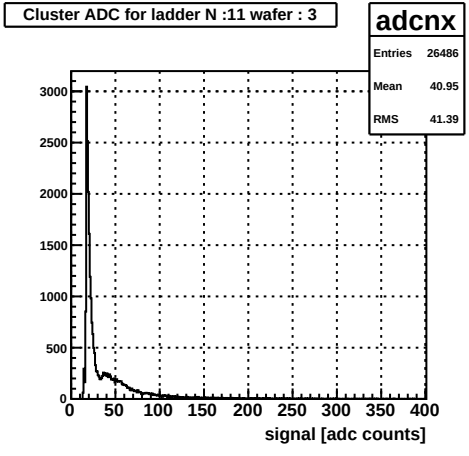

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 19452
Mean 52.27
RMS 51.9
signal [adc counts]

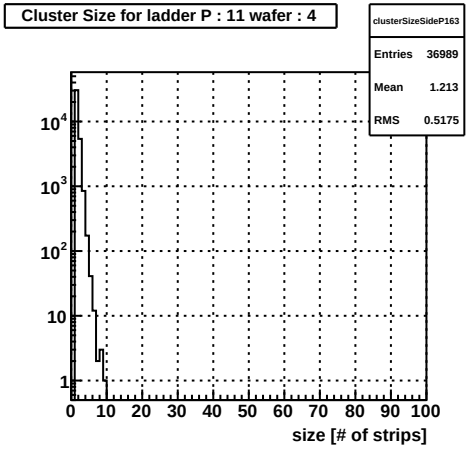

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 19522
Mean 1.436
RMS 0.7116
size [# of strips]

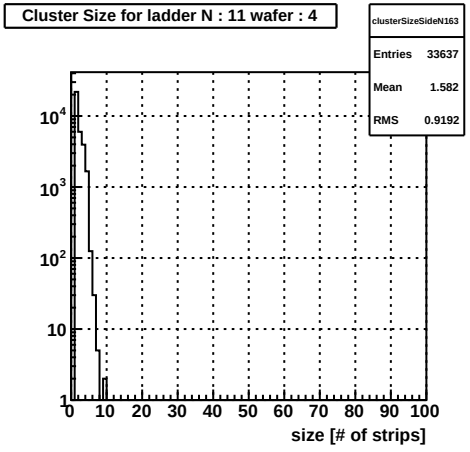

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 26486
Mean 1.266
RMS 0.6199
size [# of strips]

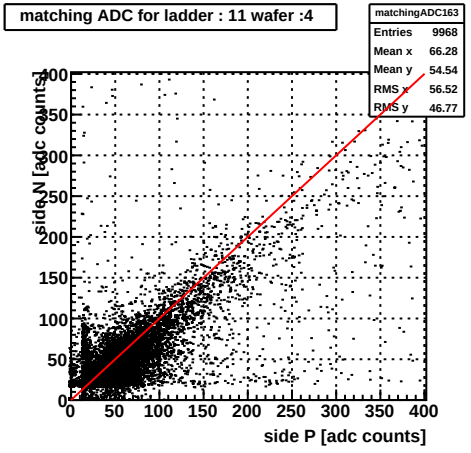

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 12922
Mean x 78.24
Mean y 57.19
RMS x 59.39
RMS y 47.26
side N [adc counts]
side P [adc counts]

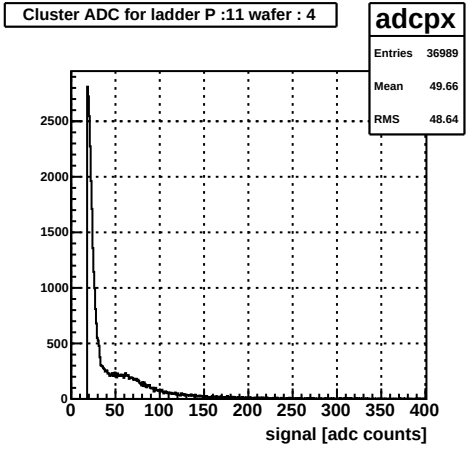

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 19522
Mean 91.29
RMS 65.39
signal [adc counts]

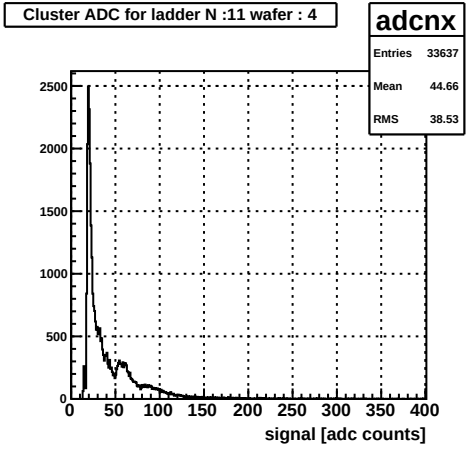

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 26486
Mean 40.95
RMS 41.39
signal [adc counts]

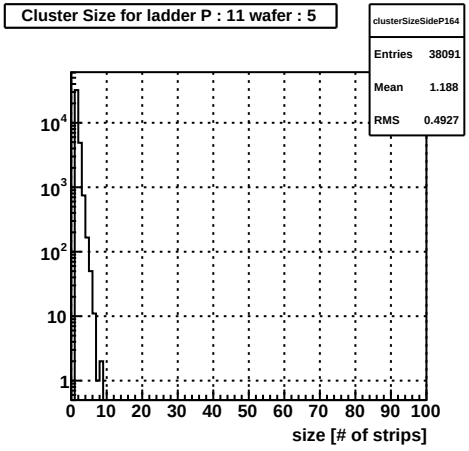

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 36989
Mean 1.213
RMS 0.5175
size [# of strips]

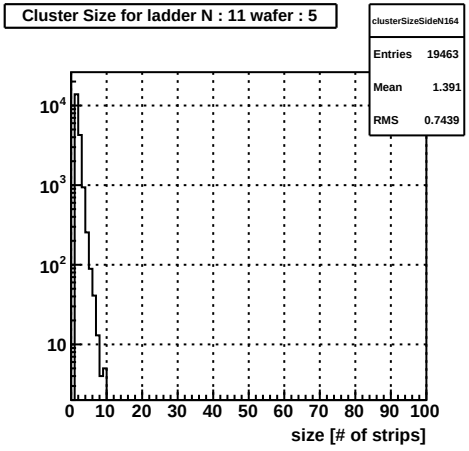

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 33637
Mean 1.582
RMS 0.9192
size [# of strips]

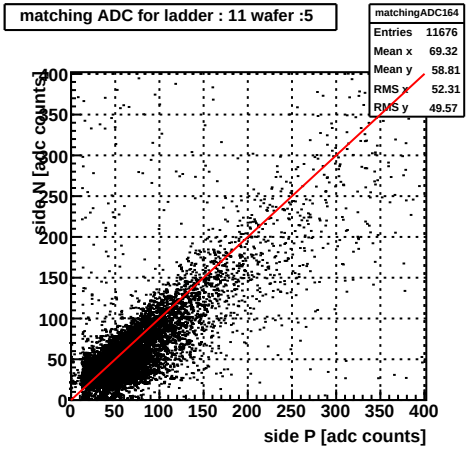

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 9968
Mean x 66.28
Mean y 54.54
RMS x 56.52
RMS y 46.77
side N [adc counts]
side P [adc counts]

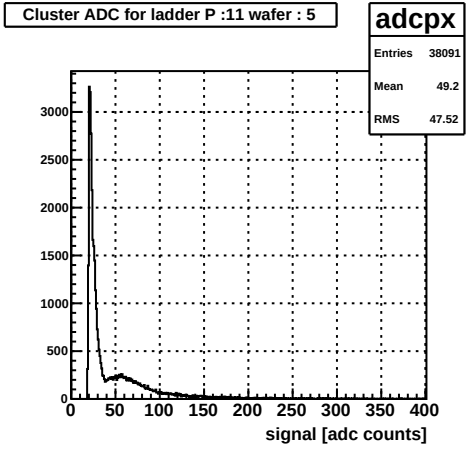

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 36989
Mean 49.66
RMS 48.64
signal [adc counts]

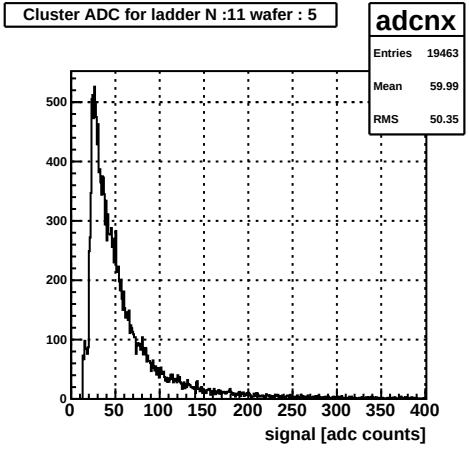

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 33637
Mean 44.66
RMS 38.53
signal [adc counts]

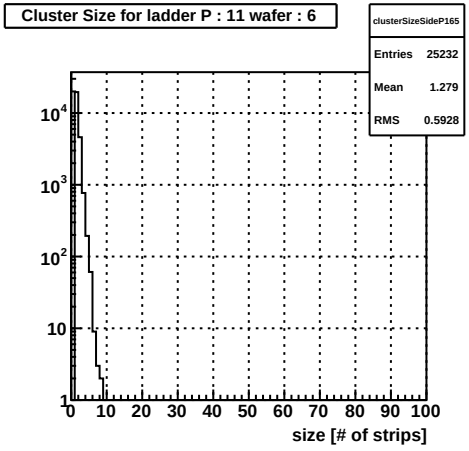

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 38091
Mean 1.188
RMS 0.4927
size [# of strips]

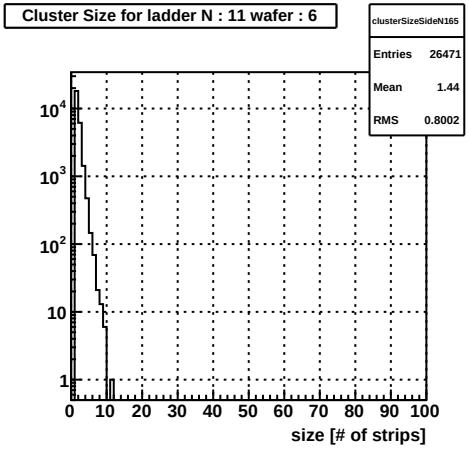

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 19463
Mean 1.391
RMS 0.7439
size [# of strips]

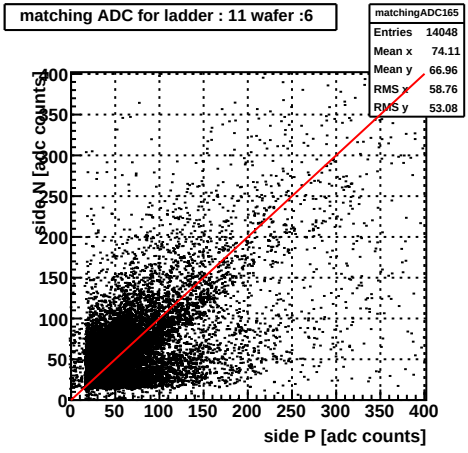

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 11676
Mean x 69.32
Mean y 58.81
RMS x 52.31
RMS y 49.57
side N [adc counts]
side P [adc counts]

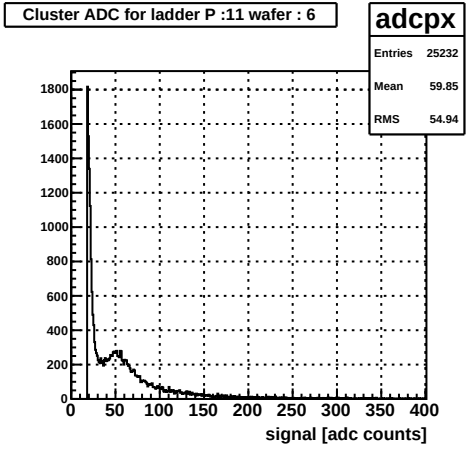

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 38091
Mean 49.2
RMS 47.52
signal [adc counts]

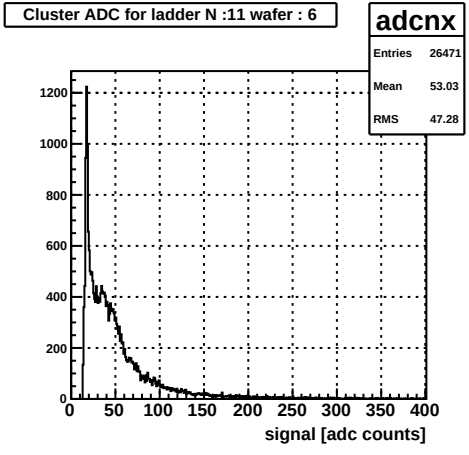

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 19463
Mean 59.99
RMS 50.35
signal [adc counts]

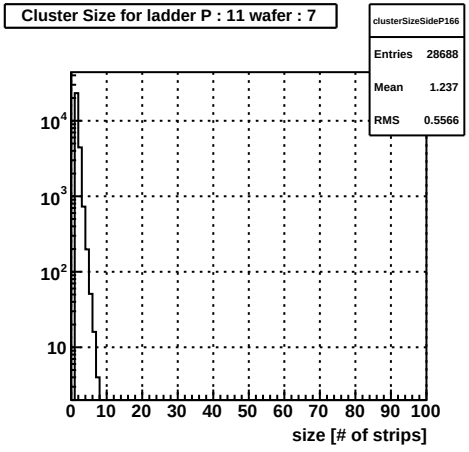

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 25232
Mean 1.279
RMS 0.5928
size [# of strips]

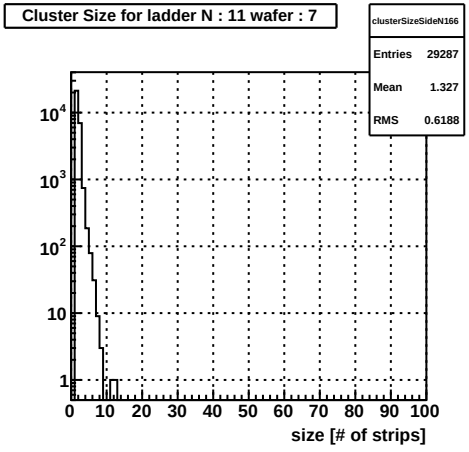

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 26471
Mean 1.44
RMS 0.8002
size [# of strips]

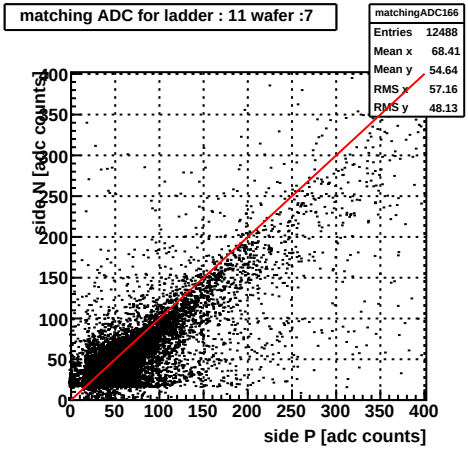

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 14048
Mean x 74.11
Mean y 66.96
RMS x 58.76
RMS y 53.08
side N [adc counts]
side P [adc counts]

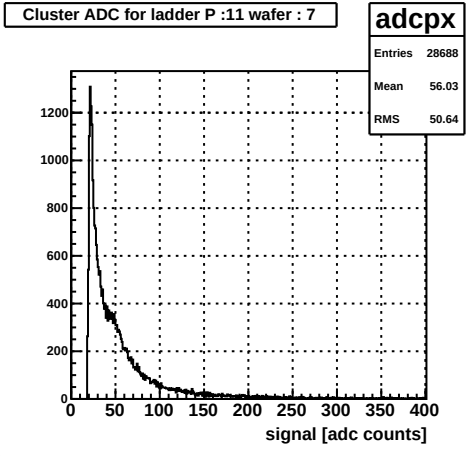

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 25232
Mean 59.85
RMS 54.94
signal [adc counts]

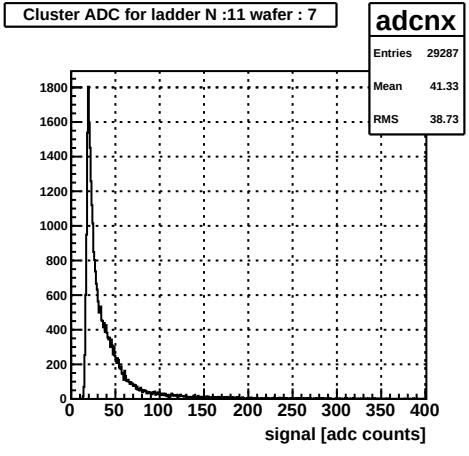

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 26471
Mean 53.03
RMS 47.28
signal [adc counts]

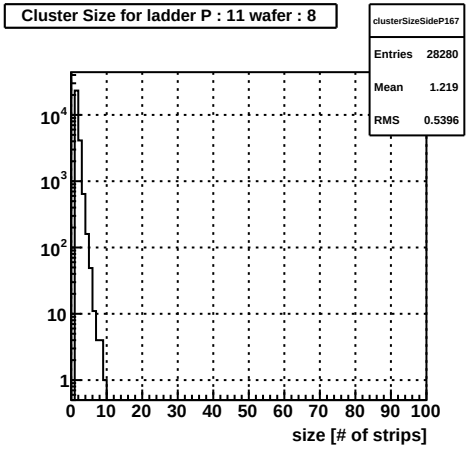

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 28688
Mean 1.237
RMS 0.5566
size [# of strips]

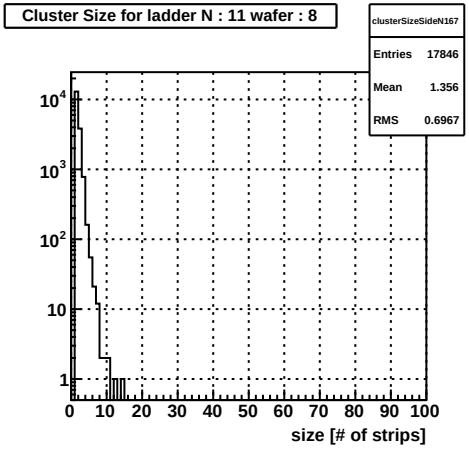

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 29287
Mean 1.327
RMS 0.6188
size [# of strips]

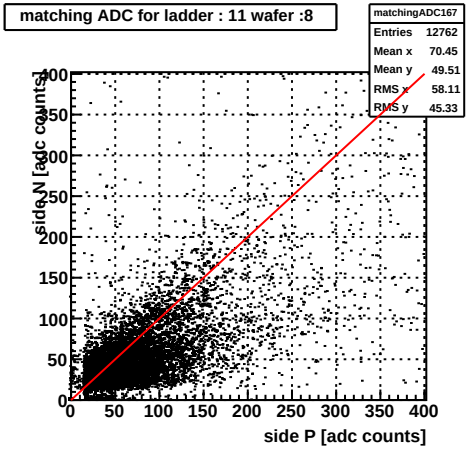

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 12488
Mean x 68.41
Mean y 54.64
RMS x 57.16
RMS y 48.13
side N [adc counts]
side P [adc counts]

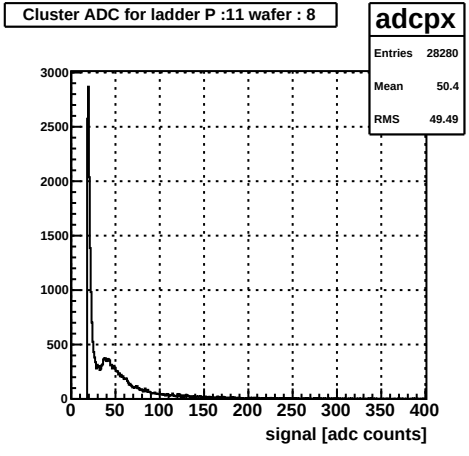

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 28688
Mean 56.03
RMS 50.64
signal [adc counts]

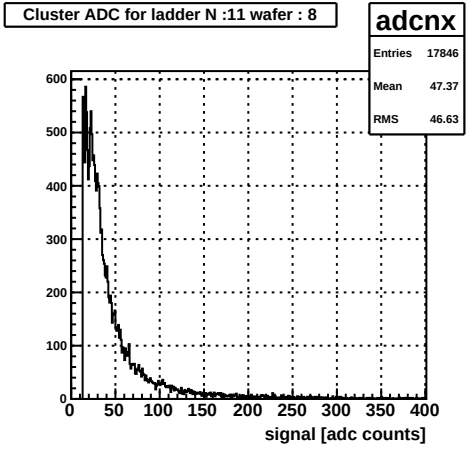

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 29287
Mean 41.33
RMS 38.73
signal [adc counts]

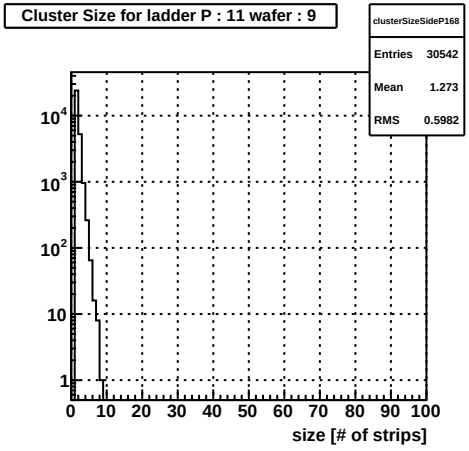

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 28280
Mean 1.219
RMS 0.5396
size [# of strips]

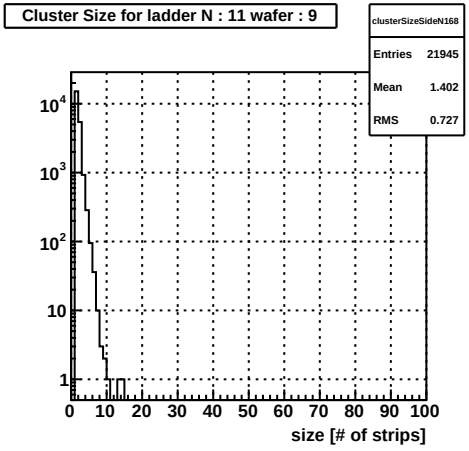

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 17846
Mean 1.356
RMS 0.6967
size [# of strips]

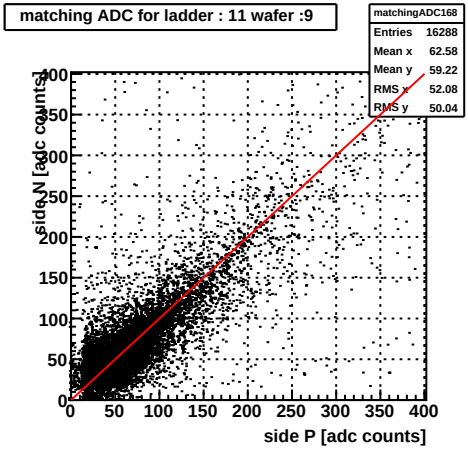

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 12762
Mean x 70.45
Mean y 49.51
RMS x 58.11
RMS y 45.33
side N [adc counts]
side P [adc counts]

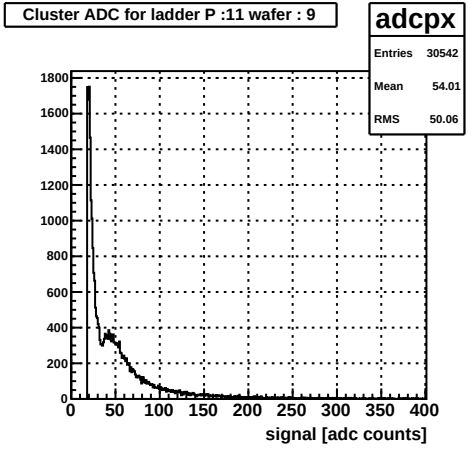

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 28280
Mean 50.4
RMS 49.49
signal [adc counts]

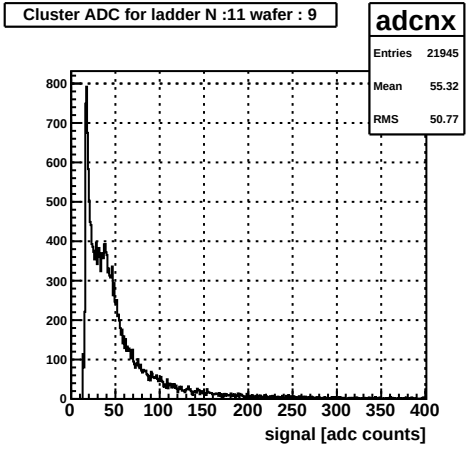

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 17846
Mean 47.37
RMS 46.63
signal [adc counts]

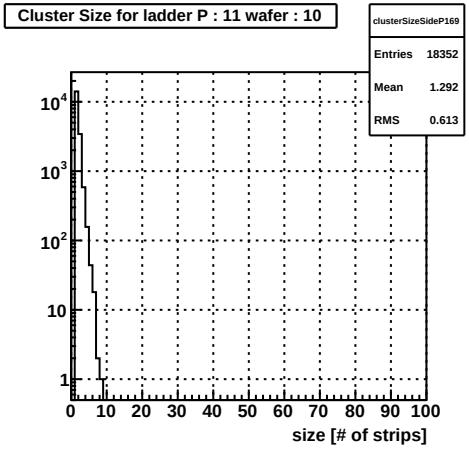

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 30542
Mean 1.273
RMS 0.5982
size [# of strips]

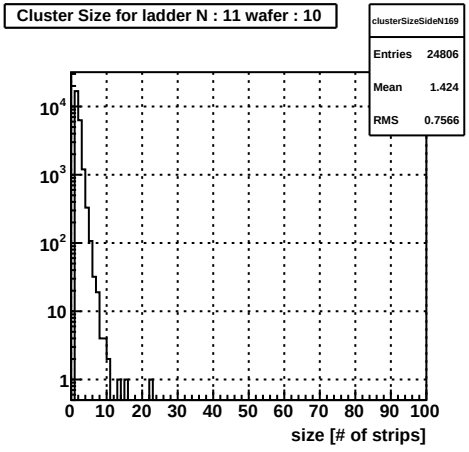

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 21945
Mean 1.402
RMS 0.727
size [# of strips]

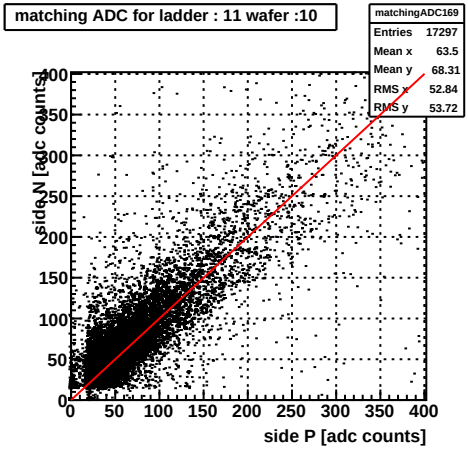

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 16288
Mean x 62.58
Mean y 59.22
RMS x 52.08
RMS y 50.04
side N [adc counts]
side P [adc counts]

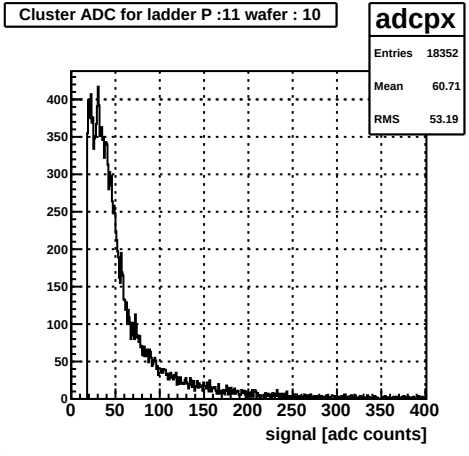

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 30542
Mean 54.01
RMS 50.06
signal [adc counts]

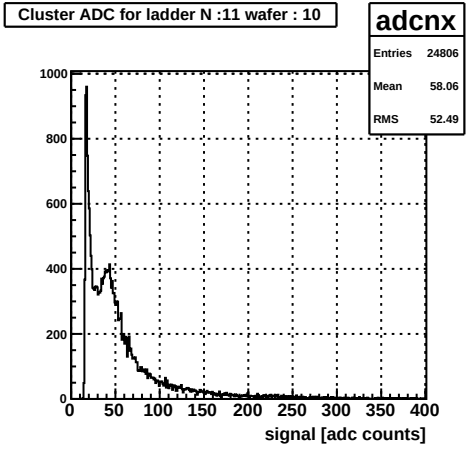

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 21945
Mean 55.32
RMS 50.77
signal [adc counts]

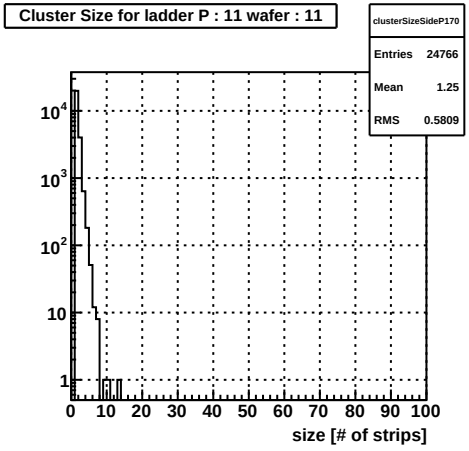

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 18352
Mean 1.292
RMS 0.613
size [# of strips]

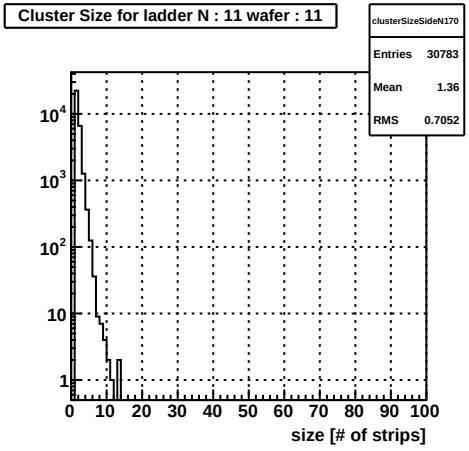

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 24806
Mean 1.424
RMS 0.7566
size [# of strips]

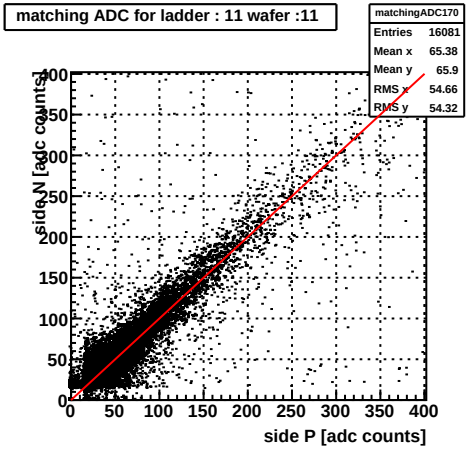

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 17297
Mean x 63.5
Mean y 68.31
RMS x 52.84
RMS y 53.72
side N [adc counts]
side P [adc counts]

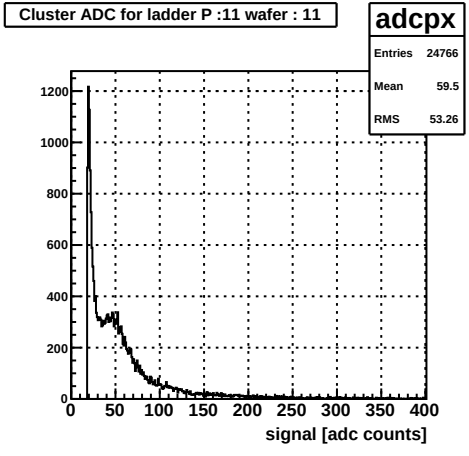

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 18352
Mean 60.71
RMS 53.19
signal [adc counts]

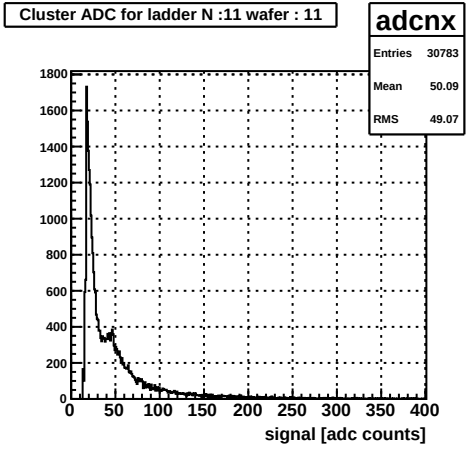

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 24806
Mean 58.06
RMS 52.49
signal [adc counts]

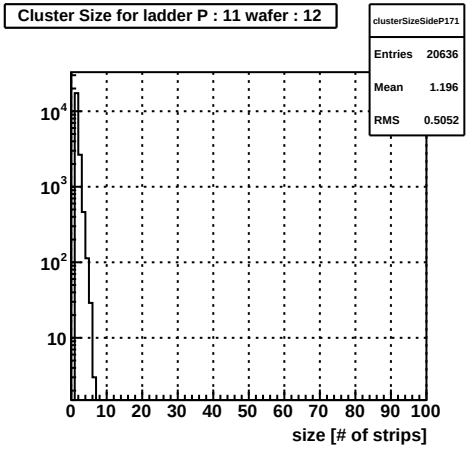

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 24766
Mean 1.25
RMS 0.5809
size [# of strips]

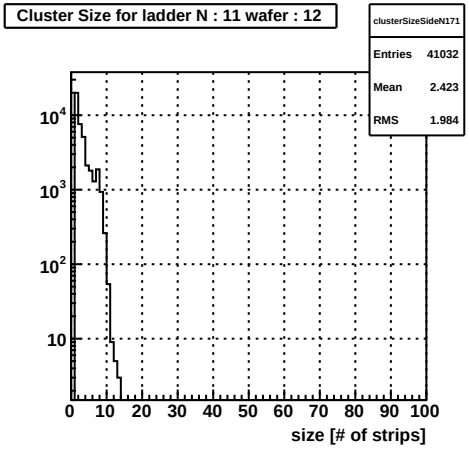

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 30783
Mean 1.36
RMS 0.7052
size [# of strips]

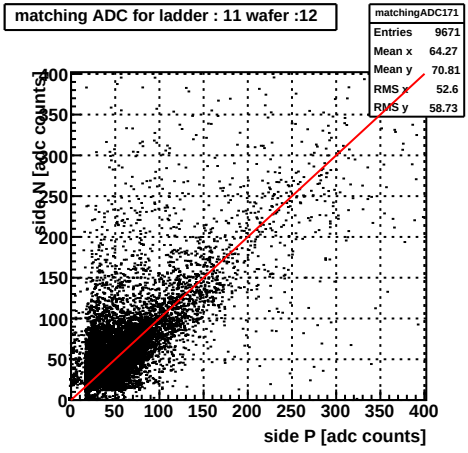

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 16081
Mean x 65.38
Mean y 65.9
RMS x 54.66
RMS y 54.32
side N [adc counts]
side P [adc counts]

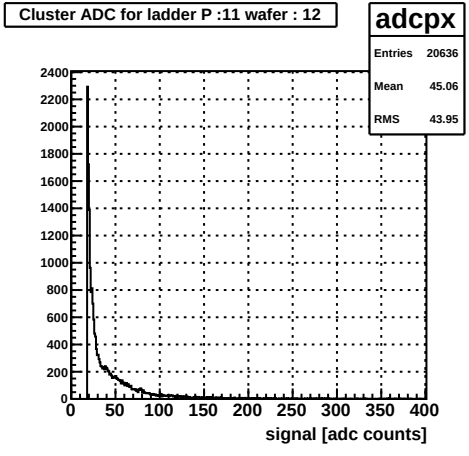

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 24766
Mean 59.5
RMS 53.26
signal [adc counts]

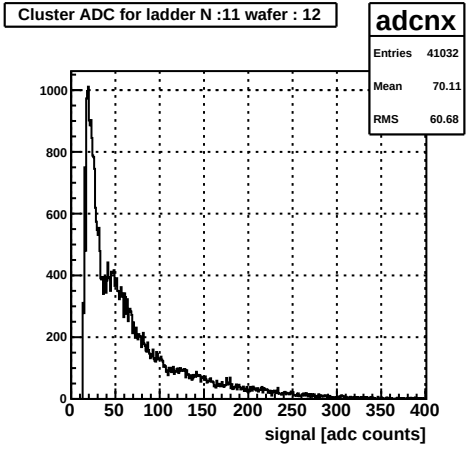

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 30783
Mean 50.09
RMS 49.07
signal [adc counts]

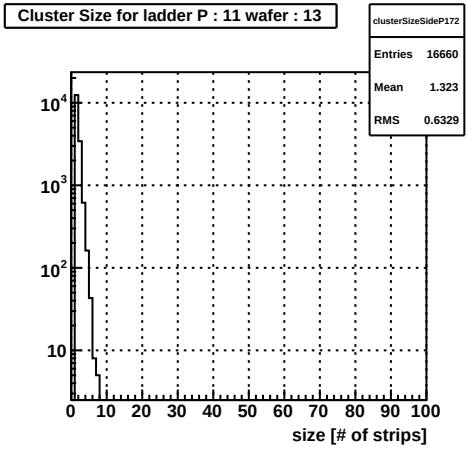

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 20636
Mean 1.196
RMS 0.5052
size [# of strips]

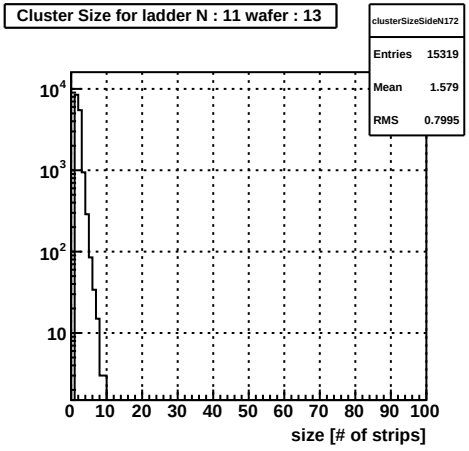

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 41032
Mean 2.423
RMS 1.984
size [# of strips]

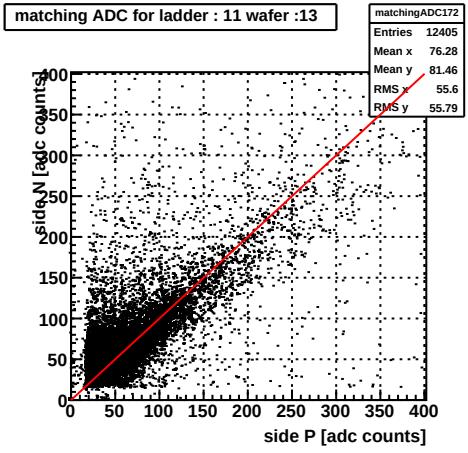

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 9671
Mean x 64.27
Mean y 70.81
RMS x 52.6
RMS y 58.73
side N [adc counts]
side P [adc counts]

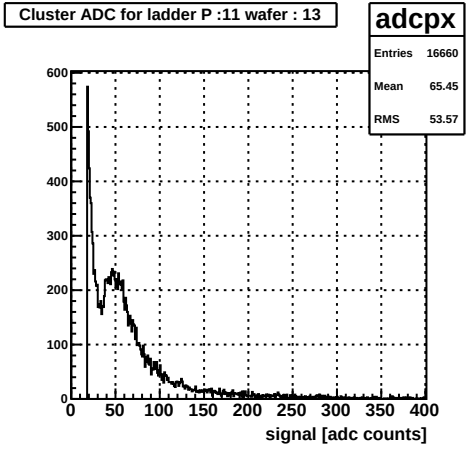

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 20636
Mean 45.06
RMS 43.95
signal [adc counts]

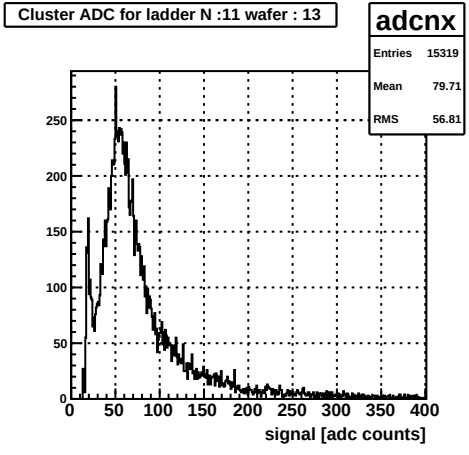

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 41032
Mean 70.11
RMS 60.68
signal [adc counts]

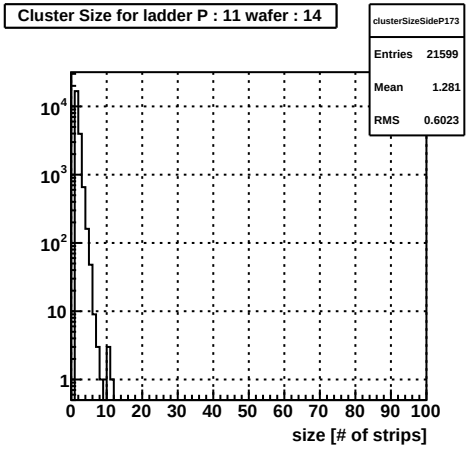

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 16660
Mean 1.323
RMS 0.6329
size [# of strips]

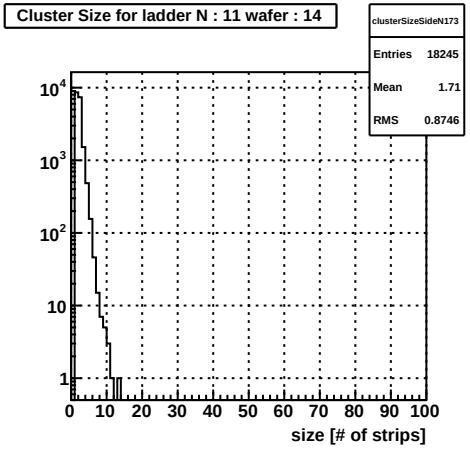

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 15319
Mean 1.579
RMS 0.7995
size [# of strips]

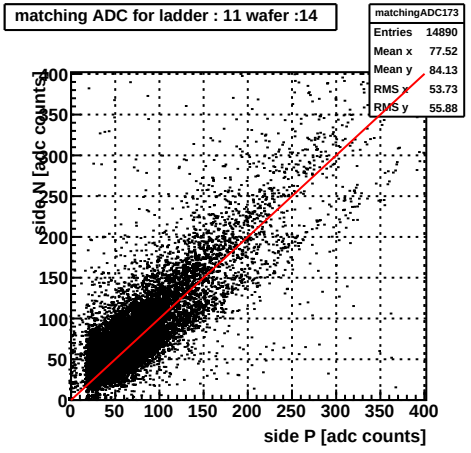

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 12405
Mean x 76.28
Mean y 81.46
RMS x 55.6
RMS y 55.79
side N [adc counts]
side P [adc counts]

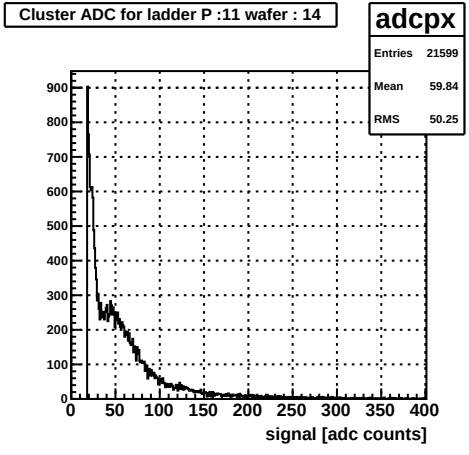

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 16660
Mean 65.45
RMS 53.57
signal [adc counts]

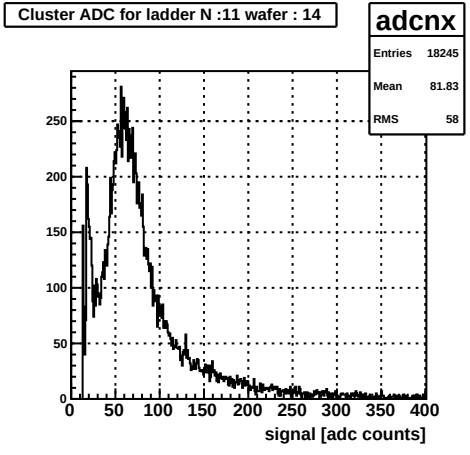

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 15319
Mean 79.71
RMS 56.81
signal [adc counts]

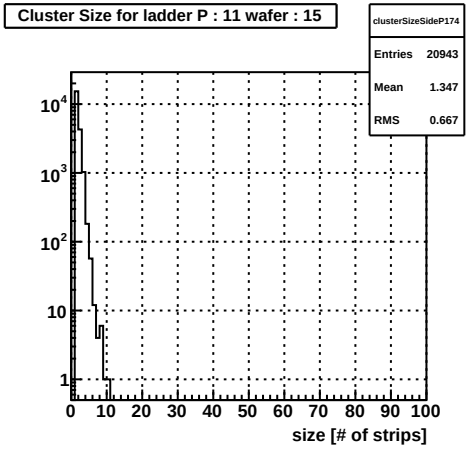

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 21599
Mean 1.281
RMS 0.6023
size [# of strips]

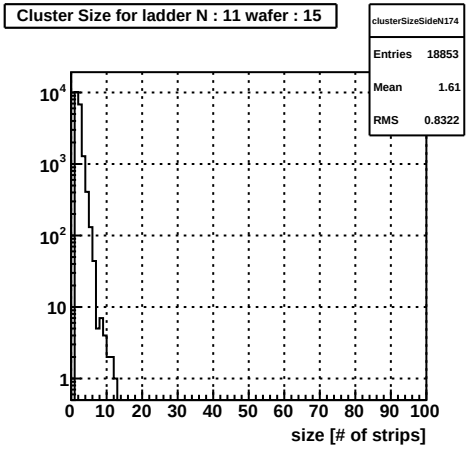

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 18245
Mean 1.71
RMS 0.8746
size [# of strips]

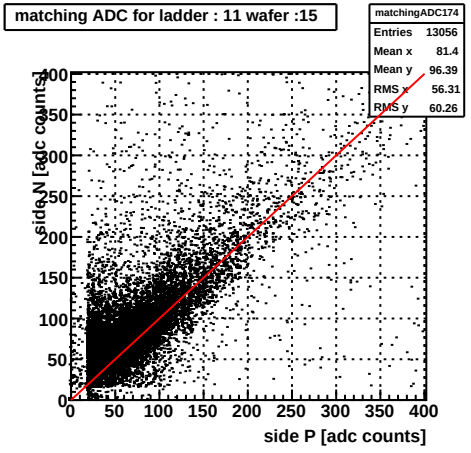

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 14890
Mean x 77.52
Mean y 84.13
RMS x 53.73
RMS y 55.88
side N [adc counts]
side P [adc counts]

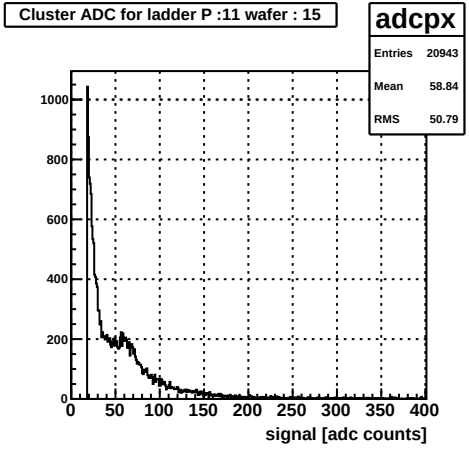

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 21599
Mean 59.84
RMS 50.25
signal [adc counts]

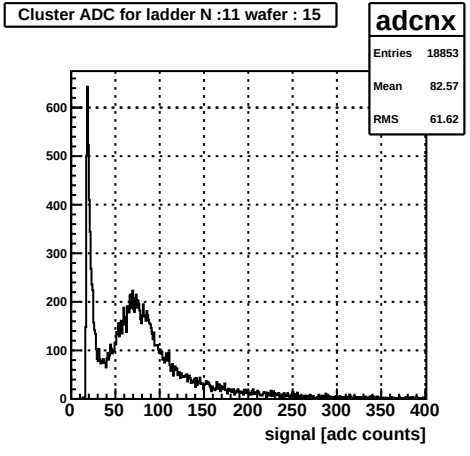

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 18245
Mean 81.83
RMS 58
signal [adc counts]

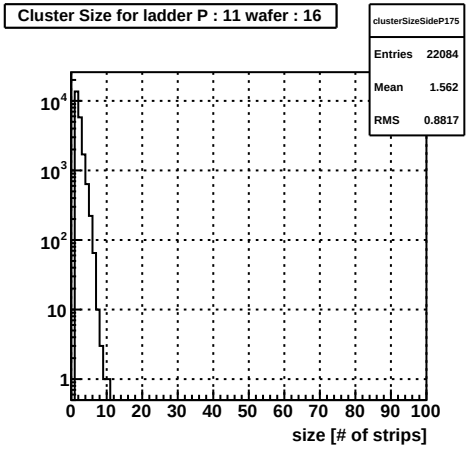

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 20943
Mean 1.347
RMS 0.667
size [# of strips]

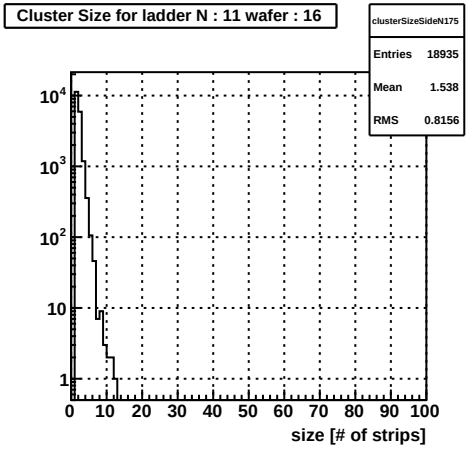

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 18853
Mean 1.61
RMS 0.8322
size [# of strips]

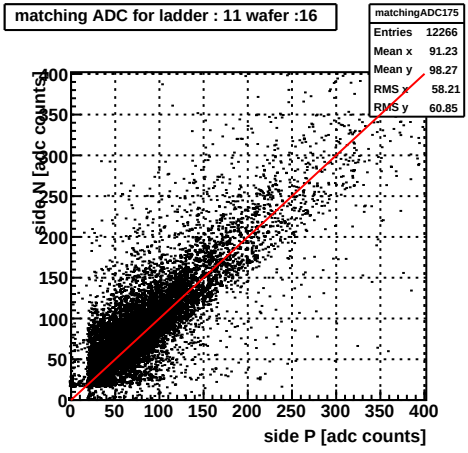

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 13056
Mean x 81.4
Mean y 96.39
RMS x 56.31
RMS y 60.26
side N [adc counts]
side P [adc counts]

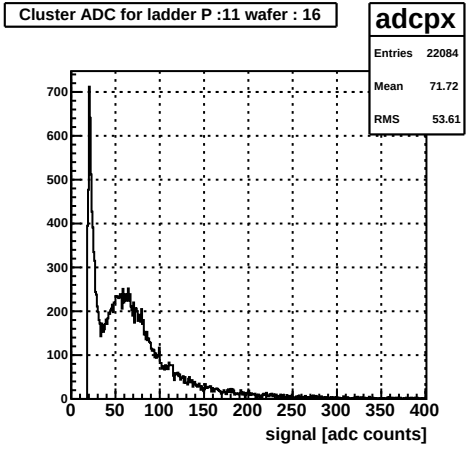

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 20943
Mean 58.84
RMS 50.79
signal [adc counts]

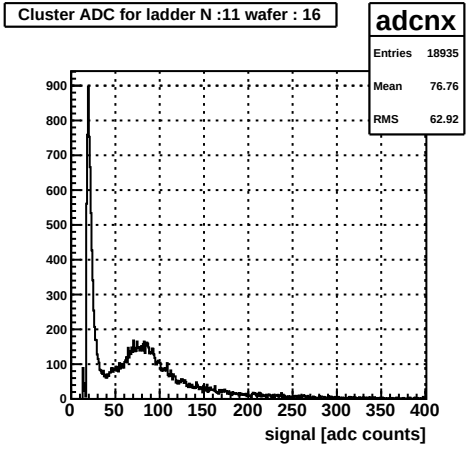

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 18853
Mean 82.57
RMS 61.62
signal [adc counts]

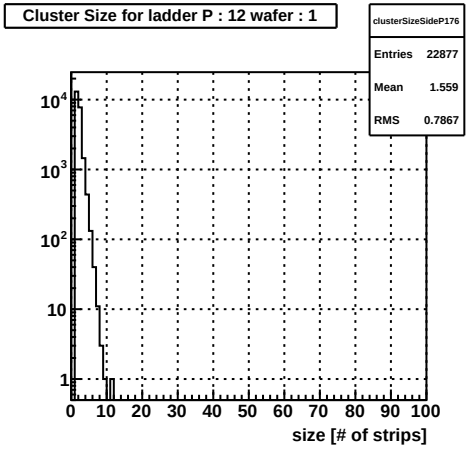

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 22084
Mean 1.562
RMS 0.8817
size [# of strips]

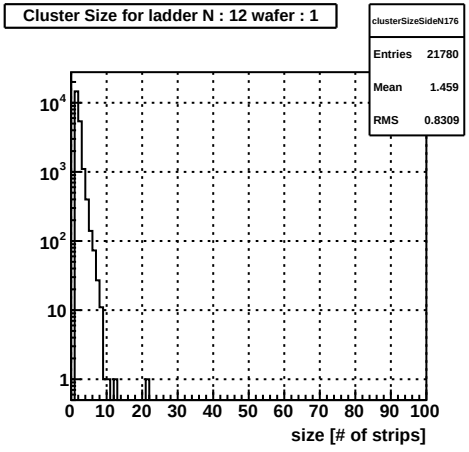

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 18935
Mean 1.538
RMS 0.8156
size [# of strips]

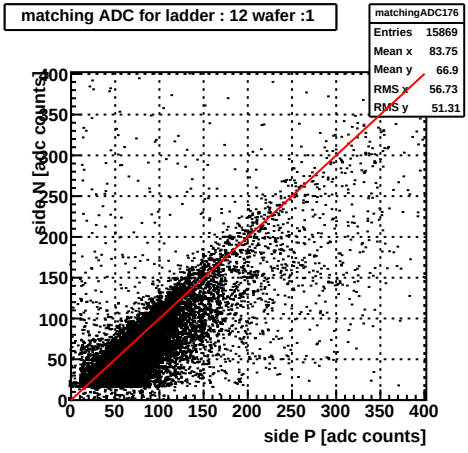

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 12266
Mean x 91.23
Mean y 98.27
RMS x 58.21
RMS y 60.85
side N [adc counts]
side P [adc counts]

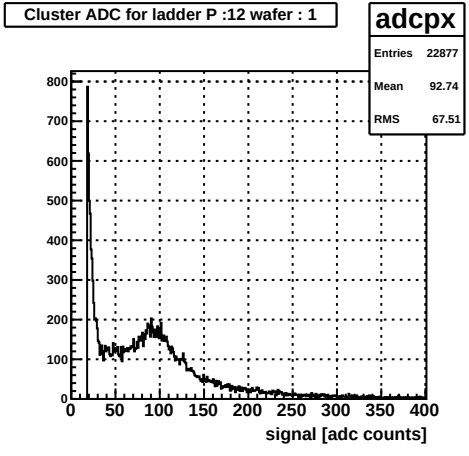

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 22084
Mean 71.72
RMS 53.61
signal [adc counts]

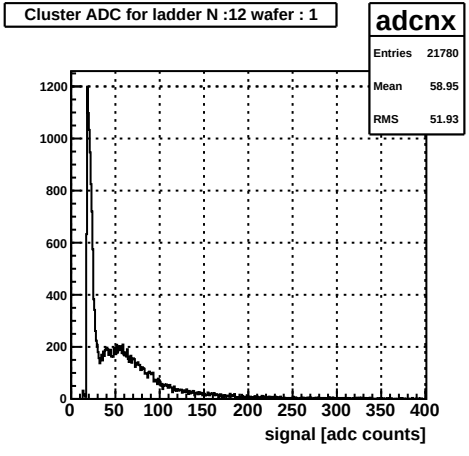

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 18935
Mean 76.76
RMS 62.92
signal [adc counts]

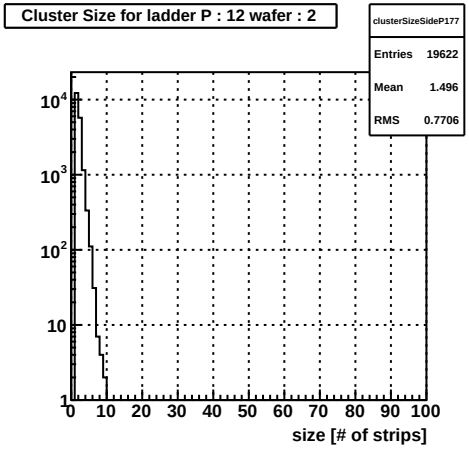

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 22877
Mean 1.559
RMS 0.7867
size [# of strips]

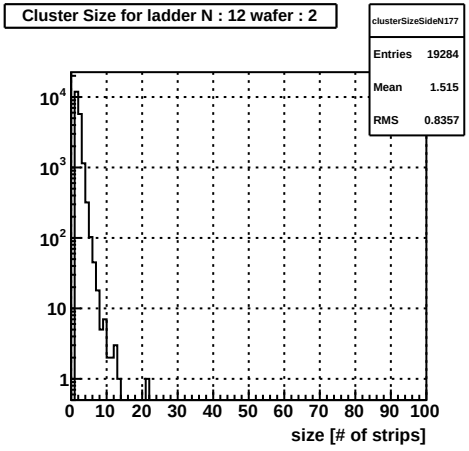

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 21780
Mean 1.459
RMS 0.8309
size [# of strips]

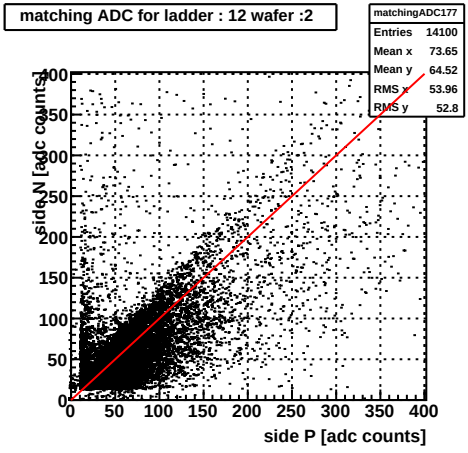

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 15869
Mean x 83.75
Mean y 66.9
RMS x 56.73
RMS y 51.31
side N [adc counts]
side P [adc counts]

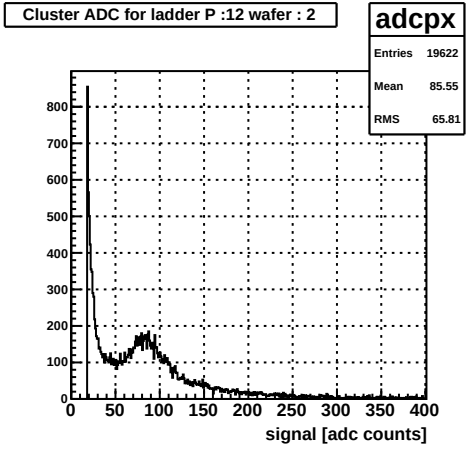

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 22877
Mean 92.74
RMS 67.51
signal [adc counts]

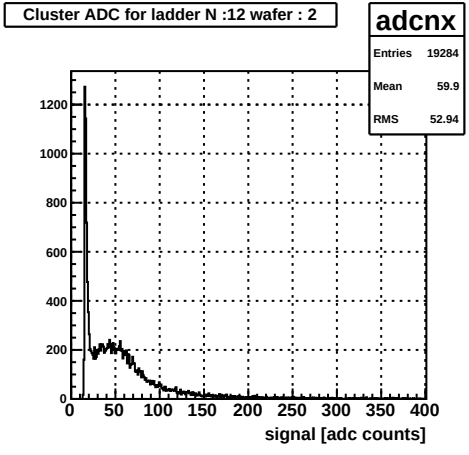

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 21780
Mean 58.95
RMS 51.93
signal [adc counts]

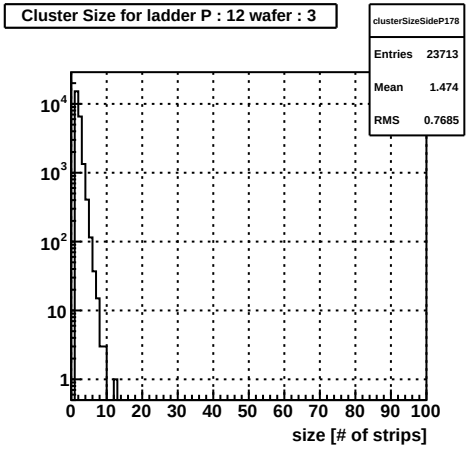

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 19622
Mean 1.496
RMS 0.7706
size [# of strips]

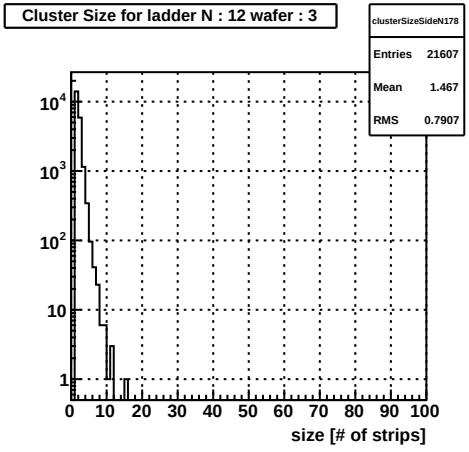

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 19284
Mean 1.515
RMS 0.8357
size [# of strips]

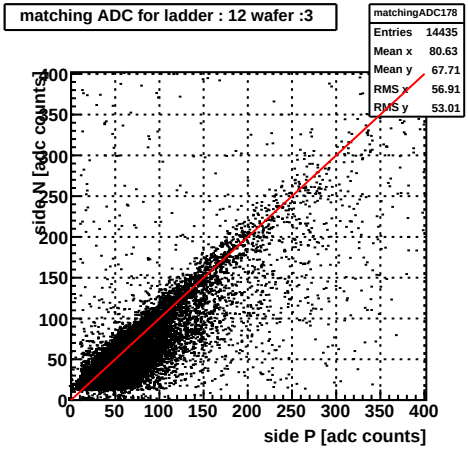

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 14100
Mean x 73.65
Mean y 64.52
RMS x 53.96
RMS y 52.8
side N [adc counts]
side P [adc counts]

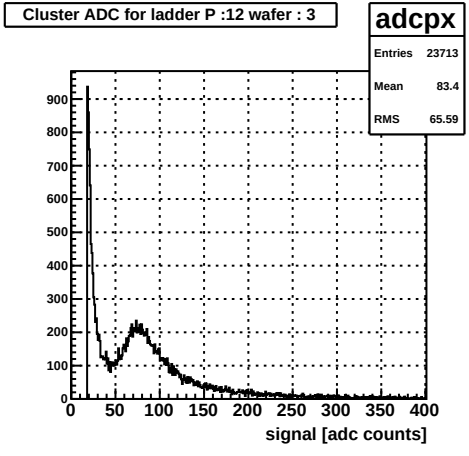

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 19622
Mean 85.55
RMS 65.81
signal [adc counts]

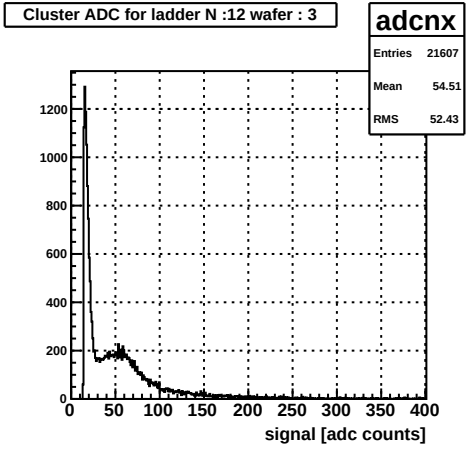

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 19284
Mean 59.9
RMS 52.94
signal [adc counts]

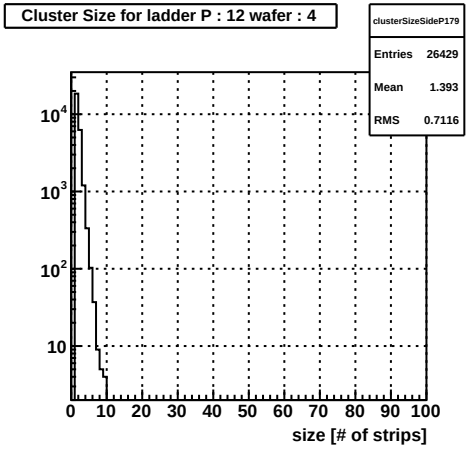

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 23713
Mean 1.474
RMS 0.7685
size [# of strips]

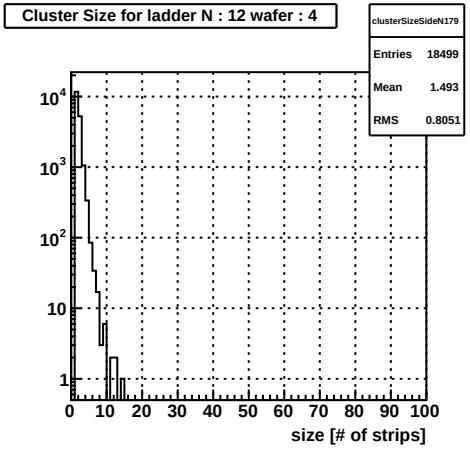

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 21607
Mean 1.467
RMS 0.7907
size [# of strips]

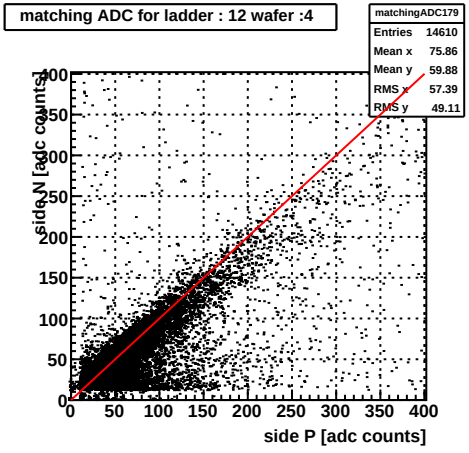

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 14435
Mean x 80.63
Mean y 67.71
RMS x 56.91
RMS y 53.01
side N [adc counts]
side P [adc counts]

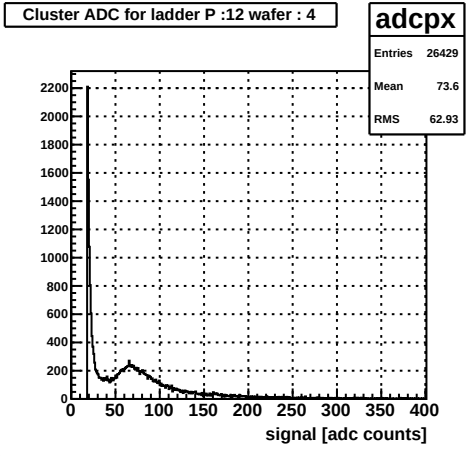

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 23713
Mean 83.4
RMS 65.59
signal [adc counts]

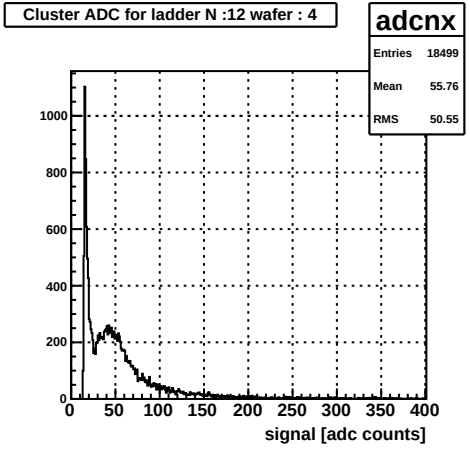

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 21607
Mean 54.51
RMS 52.43
signal [adc counts]

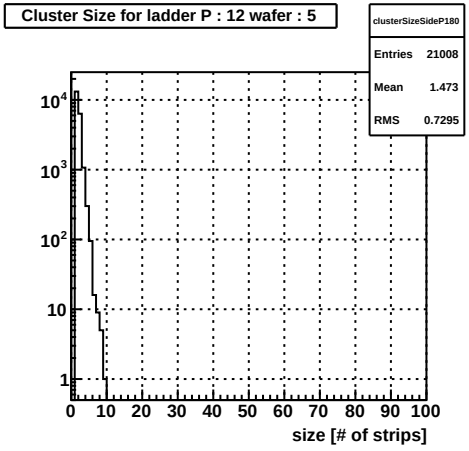

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 26429
Mean 1.393
RMS 0.7116
size [# of strips]

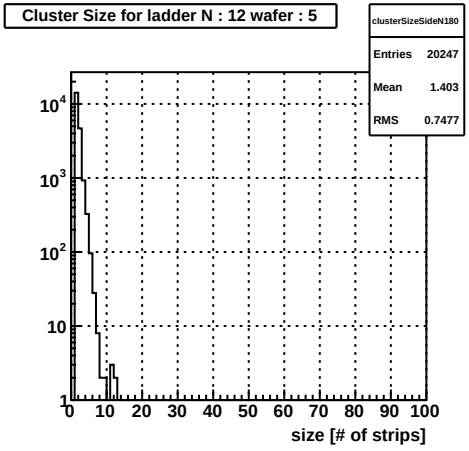

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 18499
Mean 1.493
RMS 0.8051
size [# of strips]

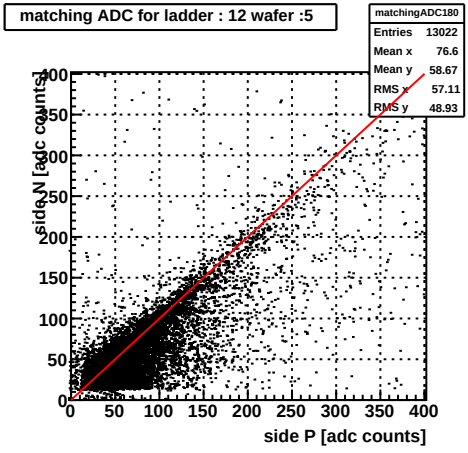

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 14610
Mean x 75.86
Mean y 59.88
RMS x 57.39
RMS y 49.11
side N [adc counts]
side P [adc counts]

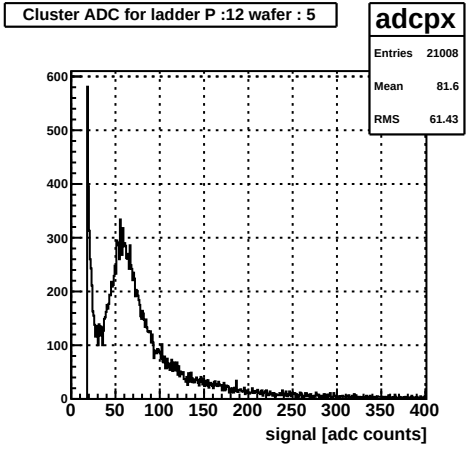

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 26429
Mean 73.6
RMS 62.93
signal [adc counts]

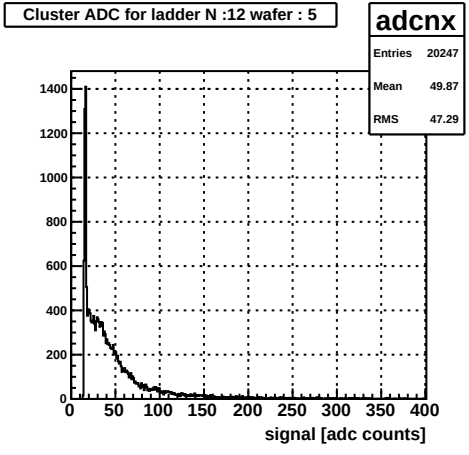

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 18499
Mean 55.76
RMS 50.55
signal [adc counts]

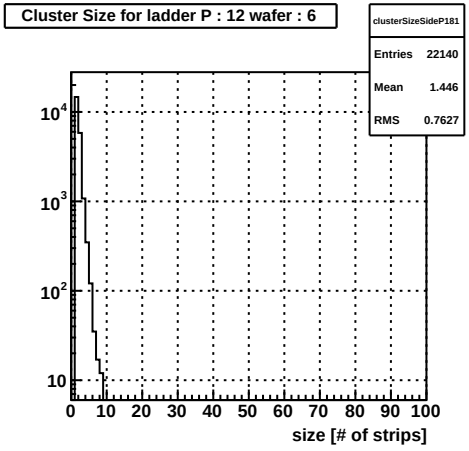

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 21008
Mean 1.473
RMS 0.7295
size [# of strips]

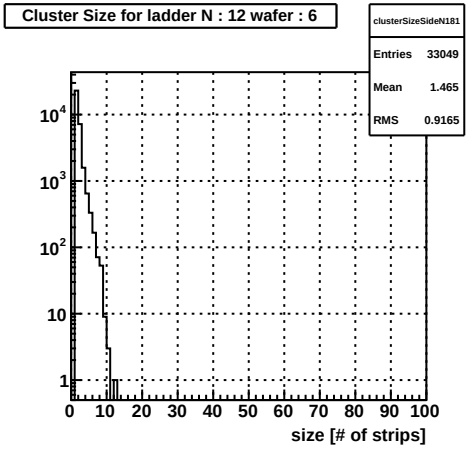

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 20247
Mean 1.403
RMS 0.7477
size [# of strips]

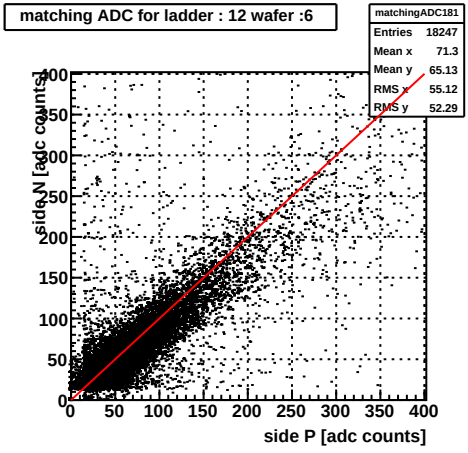

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 13022
Mean x 76.6
Mean y 58.67
RMS x 57.11
RMS y 48.93
side N [adc counts]
side P [adc counts]

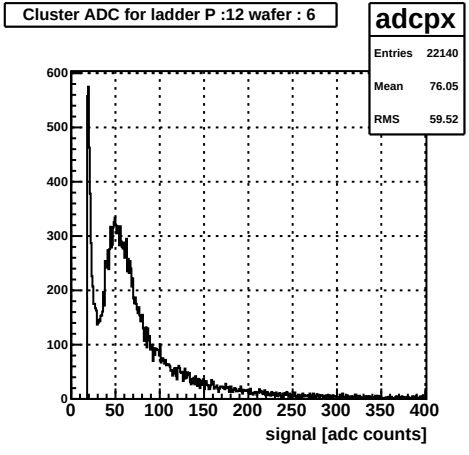

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 21008
Mean 81.6
RMS 61.43
signal [adc counts]

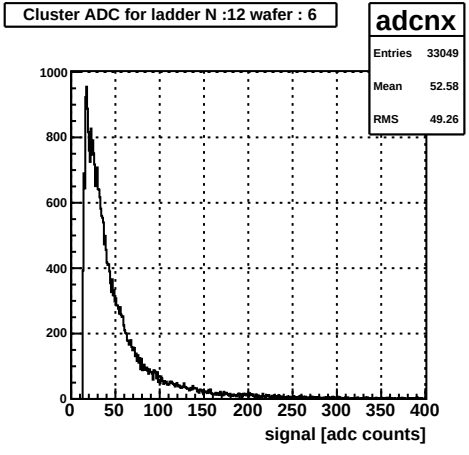

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 20247
Mean 49.87
RMS 47.29
signal [adc counts]

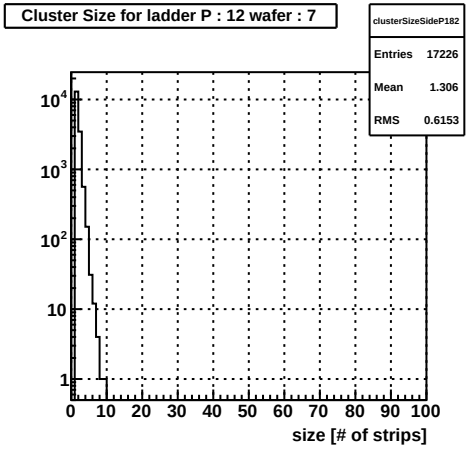

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 22140
Mean 1.446
RMS 0.7627
size [# of strips]

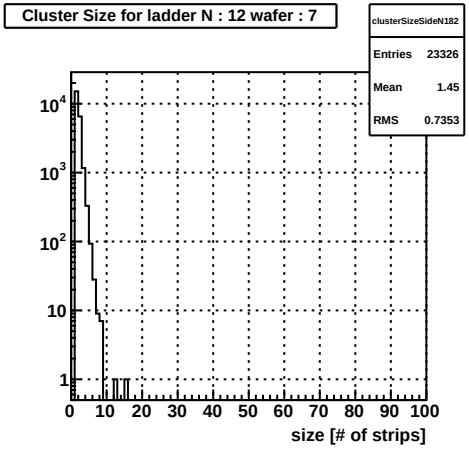

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 33049
Mean 1.465
RMS 0.9165
size [# of strips]

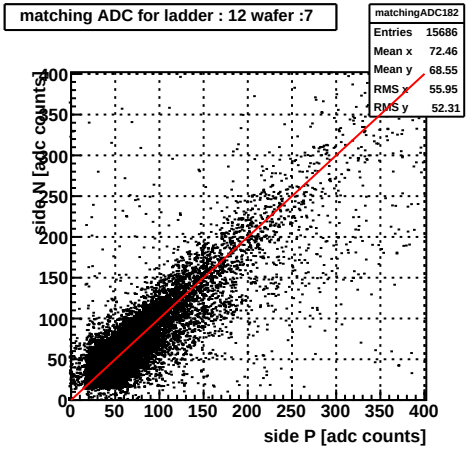

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 18247
Mean x 71.3
Mean y 65.13
RMS x 55.12
RMS y 52.29
side N [adc counts]
side P [adc counts]

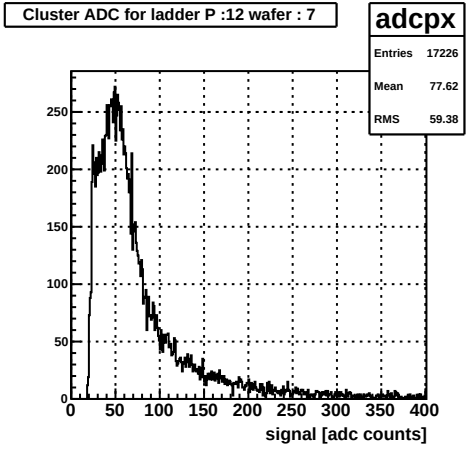

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 22140
Mean 76.05
RMS 59.52
signal [adc counts]

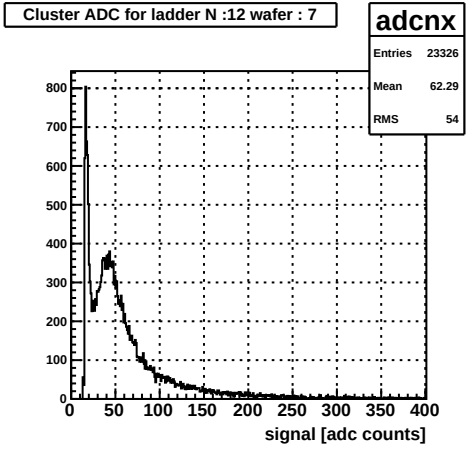

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 33049
Mean 52.58
RMS 49.26
signal [adc counts]

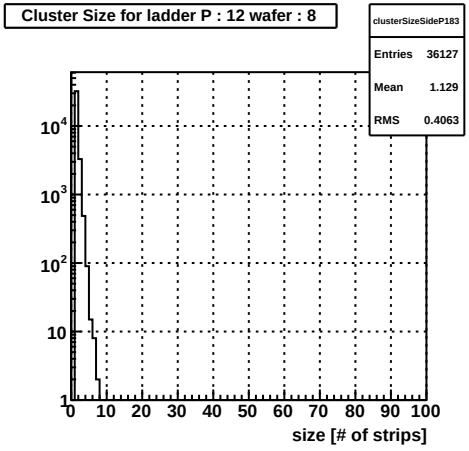

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 17226
Mean 1.306
RMS 0.6153
size [# of strips]

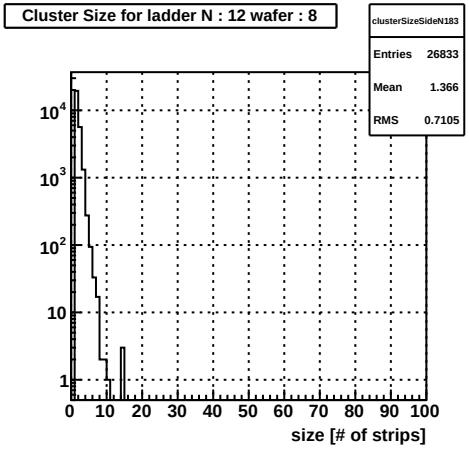

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 23326
Mean 1.45
RMS 0.7353
size [# of strips]

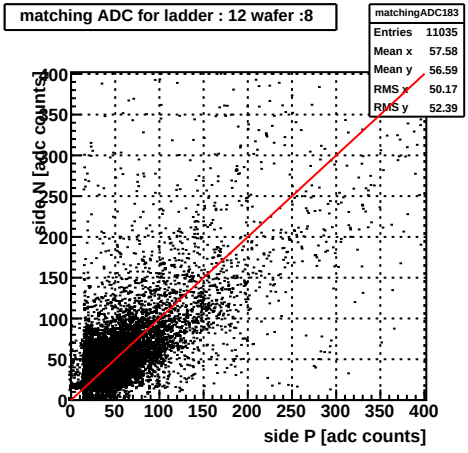

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 15686
Mean x 72.46
Mean y 68.55
RMS x 55.95
RMS y 52.31
side N [adc counts]
side P [adc counts]

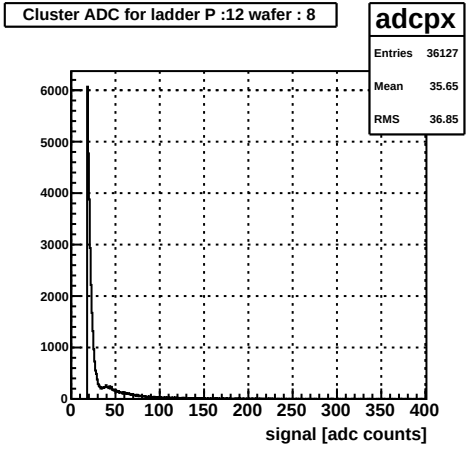

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 17226
Mean 77.62
RMS 59.38
signal [adc counts]

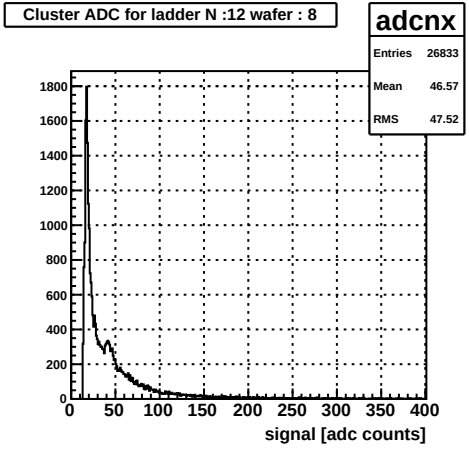

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 23326
Mean 62.29
RMS 54
signal [adc counts]

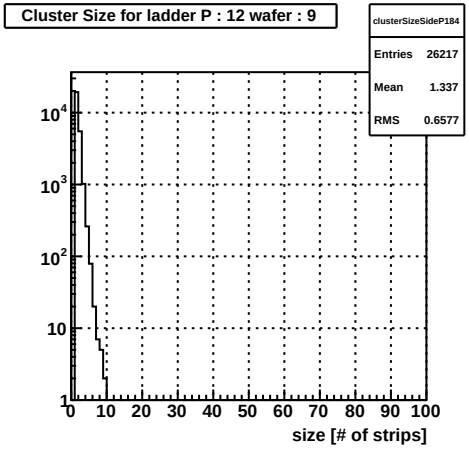

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 36127
Mean 1.129
RMS 0.4063
size [# of strips]

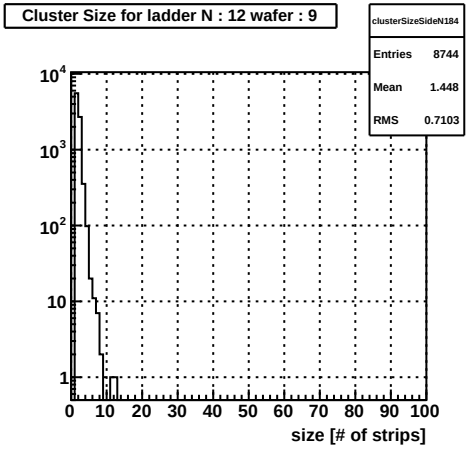

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 26833
Mean 1.366
RMS 0.7105
size [# of strips]

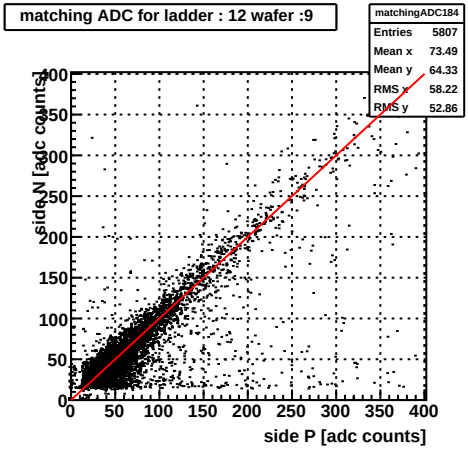

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 11035
Mean x 57.58
Mean y 56.59
RMS x 50.17
RMS y 52.39
side N [adc counts]
side P [adc counts]

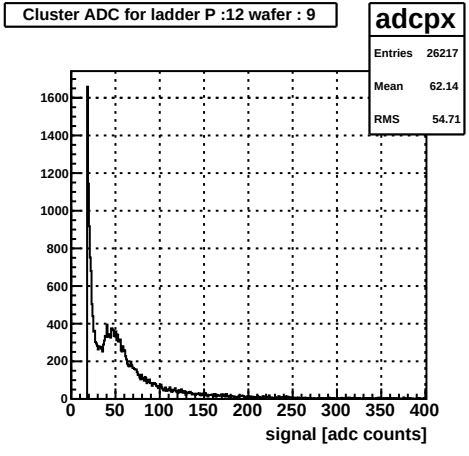

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 36127
Mean 35.65
RMS 36.85
signal [adc counts]

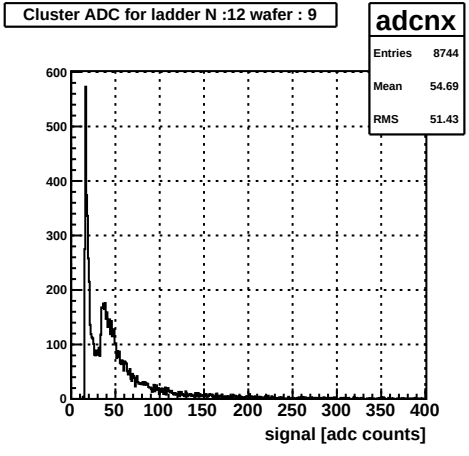

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 26833
Mean 46.57
RMS 47.52
signal [adc counts]

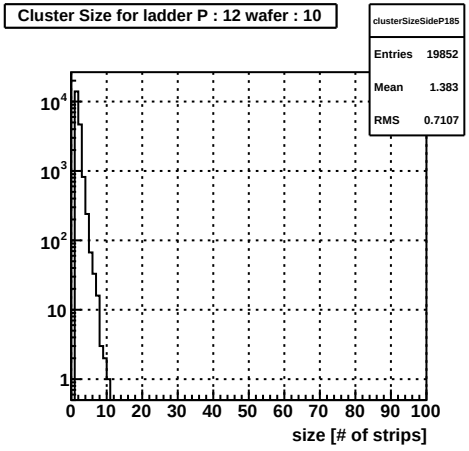

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 26217
Mean 1.337
RMS 0.6577
size [# of strips]

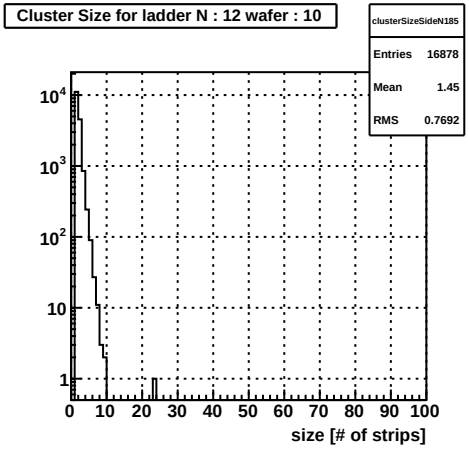

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8744
Mean 1.448
RMS 0.7103
size [# of strips]

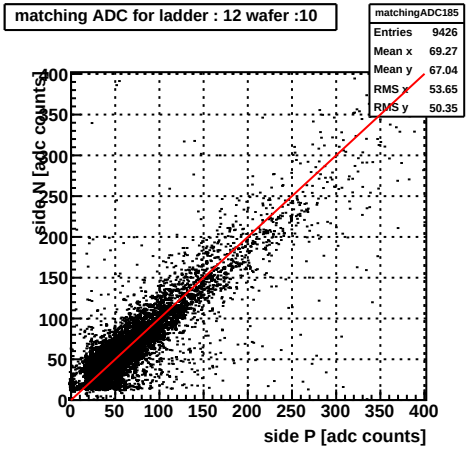

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 5807
Mean x 73.49
Mean y 64.33
RMS x 58.22
RMS y 52.86
side N [adc counts]
side P [adc counts]

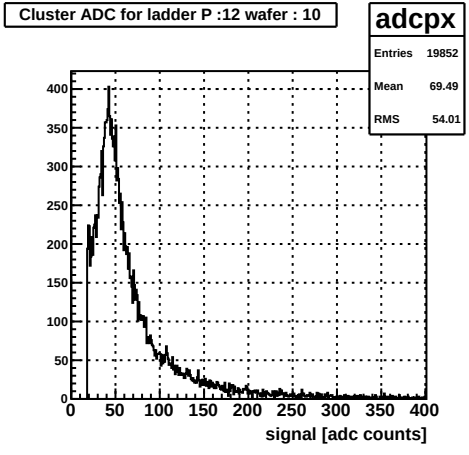

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 26217
Mean 62.14
RMS 54.71
signal [adc counts]

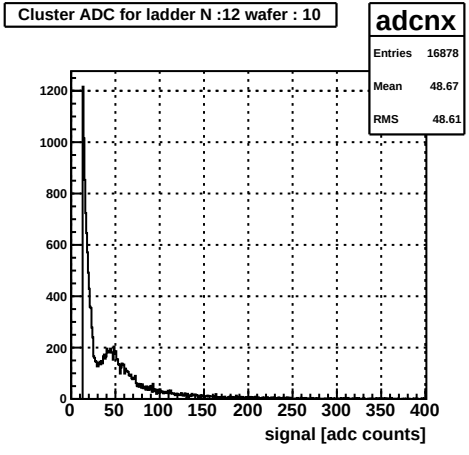

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8744
Mean 54.69
RMS 51.43
signal [adc counts]

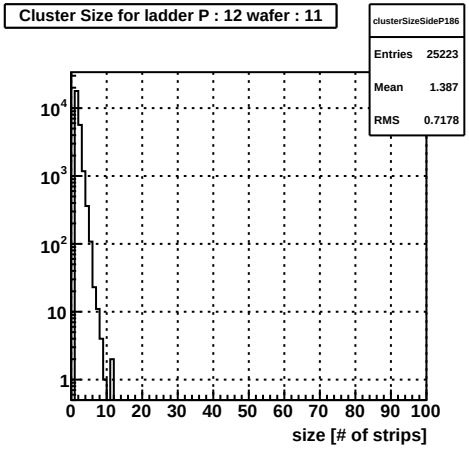

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 19852
Mean 1.383
RMS 0.7107
size [# of strips]

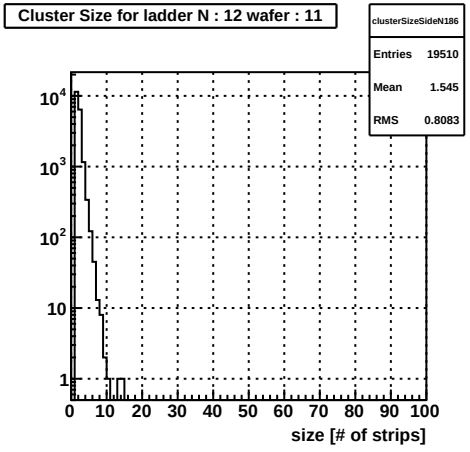

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 16878
Mean 1.45
RMS 0.7692
size [# of strips]

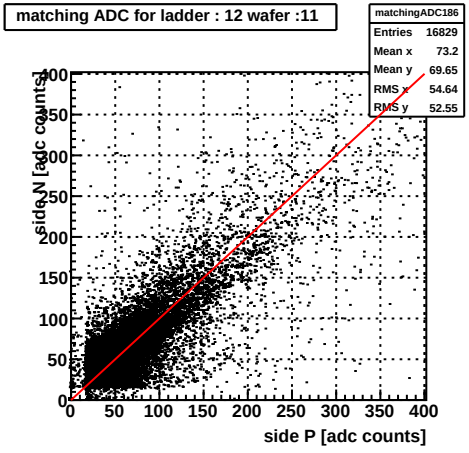

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 9426
Mean x 69.27
Mean y 67.04
RMS x 53.65
RMS y 50.35
side N [adc counts]
side P [adc counts]

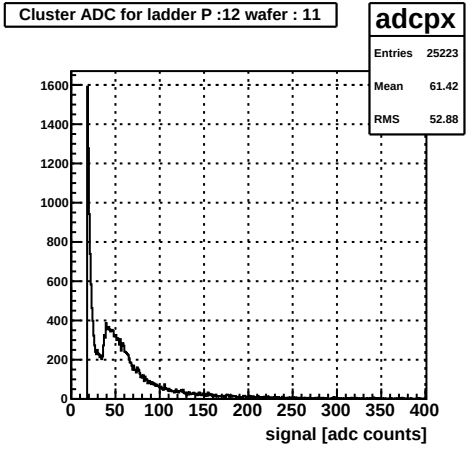

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 19852
Mean 69.49
RMS 54.01
signal [adc counts]

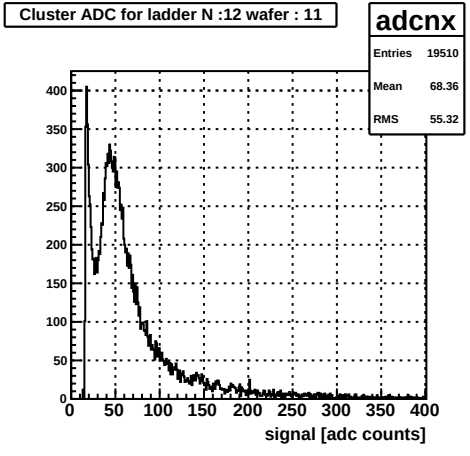

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 16878
Mean 48.67
RMS 48.61
signal [adc counts]

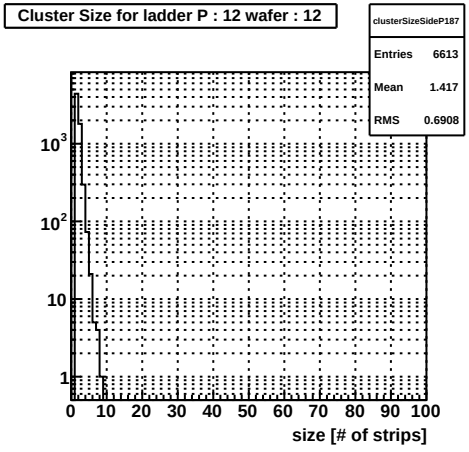

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 25223
Mean 1.387
RMS 0.7178
size [# of strips]

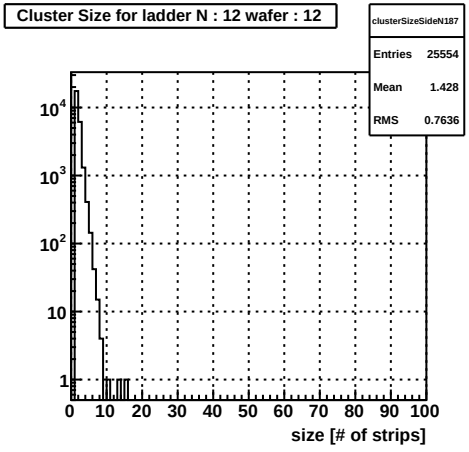

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 19510
Mean 1.545
RMS 0.8083
size [# of strips]

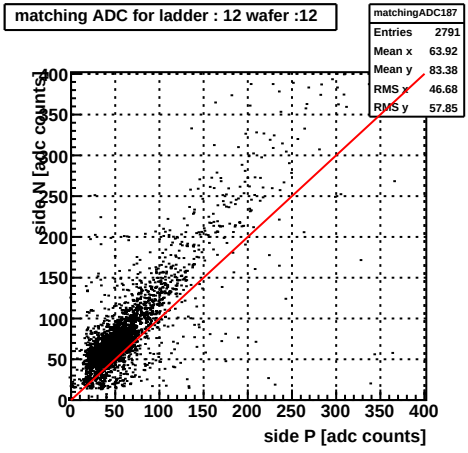

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 16829
Mean x 73.2
Mean y 69.65
RMS x 54.64
RMS y 52.55
side N [adc counts]
side P [adc counts]

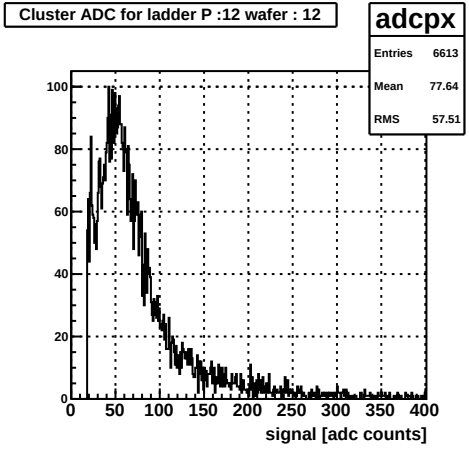

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 25223
Mean 61.42
RMS 52.88
signal [adc counts]

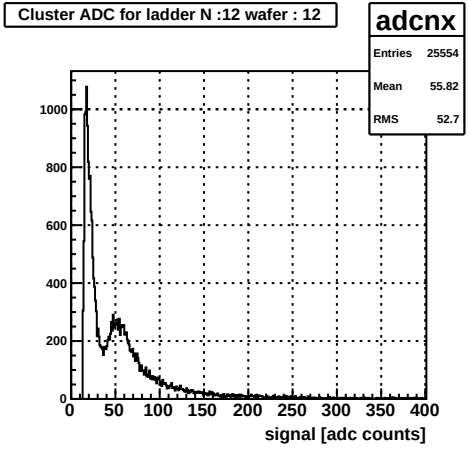

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 19510
Mean 68.36
RMS 55.32
signal [adc counts]

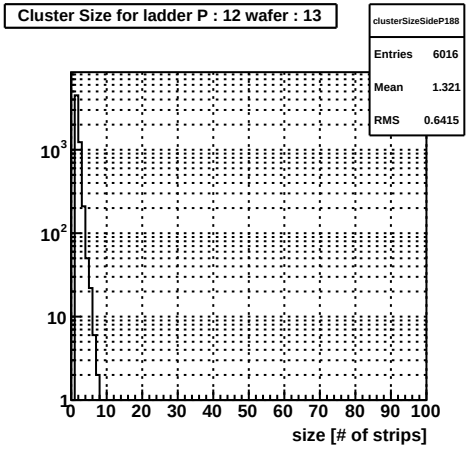

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 6613
Mean 1.417
RMS 0.6908
size [# of strips]

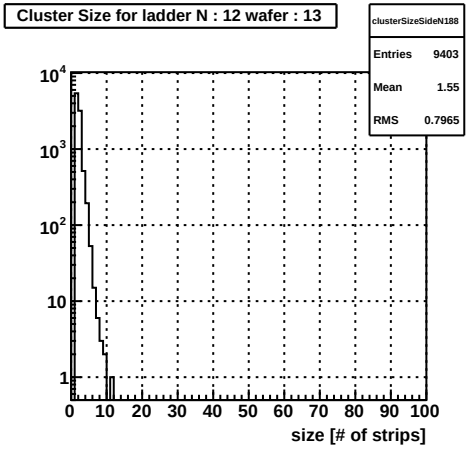

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 25554
Mean 1.428
RMS 0.7636
size [# of strips]

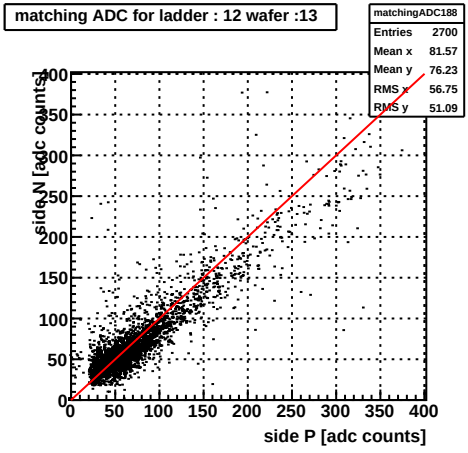

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2791
Mean x 63.92
Mean y 83.38
RMS x 46.68
RMS y 57.85
side N [adc counts]
side P [adc counts]

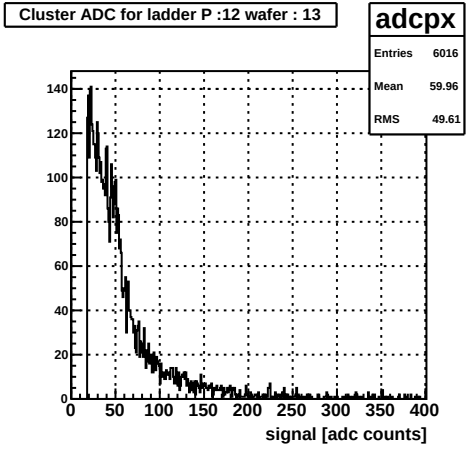

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 6613
Mean 77.64
RMS 57.51
signal [adc counts]

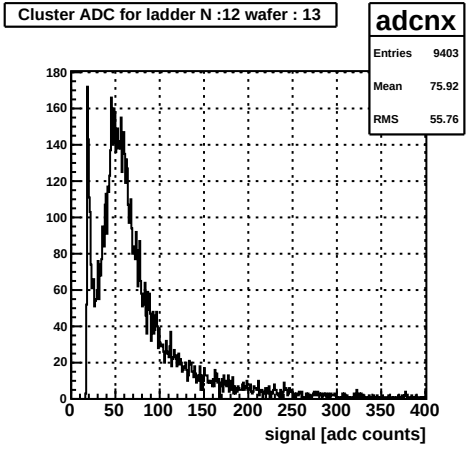

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 25554
Mean 55.82
RMS 52.7
signal [adc counts]

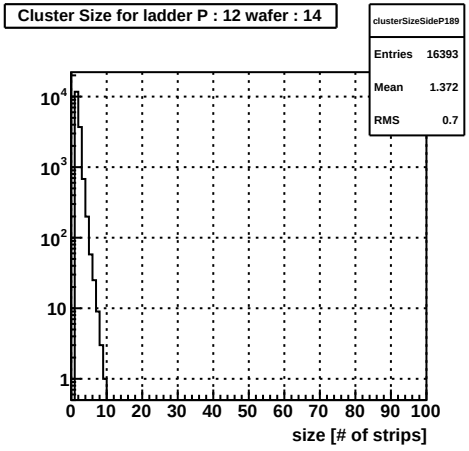

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 6016
Mean 1.321
RMS 0.6415
size [# of strips]

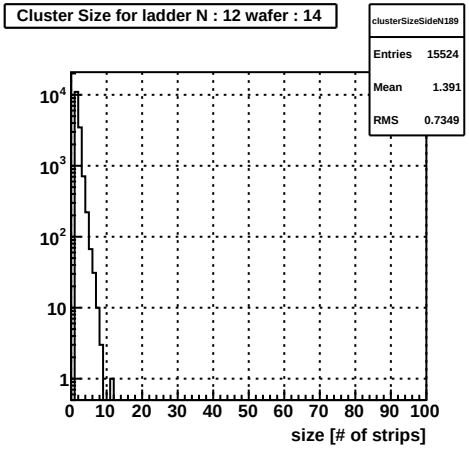

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 9403
Mean 1.55
RMS 0.7965
size [# of strips]

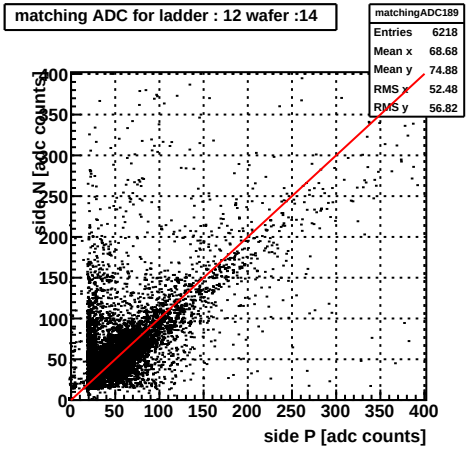

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2700
Mean x 81.57
Mean y 76.23
RMS x 56.75
RMS y 51.09
side N [adc counts]
side P [adc counts]

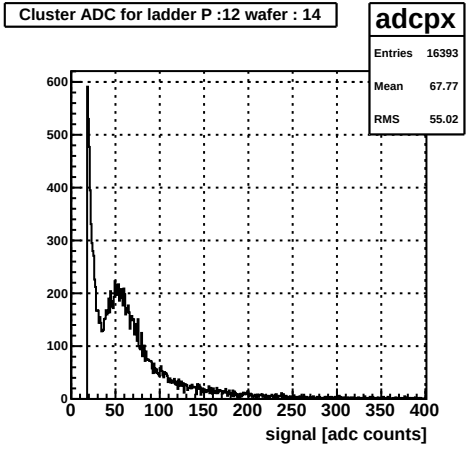

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 6016
Mean 59.96
RMS 49.61
signal [adc counts]

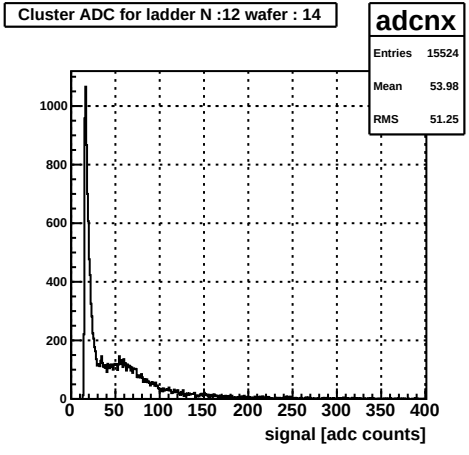

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 9403
Mean 75.92
RMS 55.76
signal [adc counts]

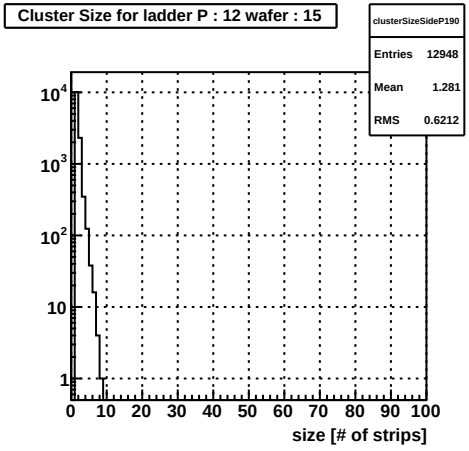

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 16393
Mean 1.372
RMS 0.7
size [# of strips]

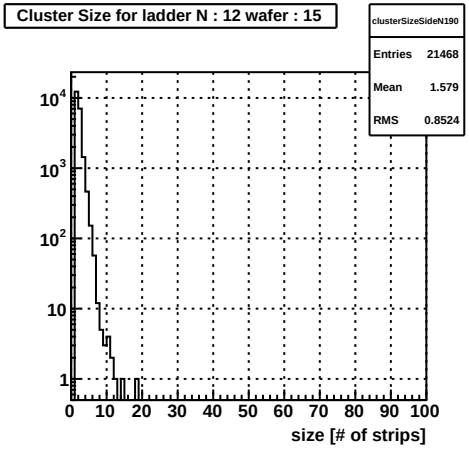

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 15524
Mean 1.391
RMS 0.7349
size [# of strips]

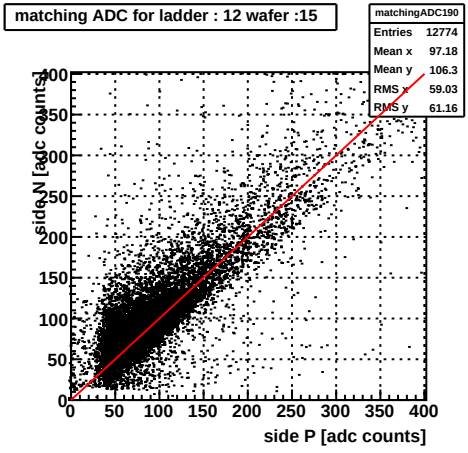

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 6218
Mean x 68.68
Mean y 74.88
RMS x 52.48
RMS y 56.82
side N [adc counts]
side P [adc counts]

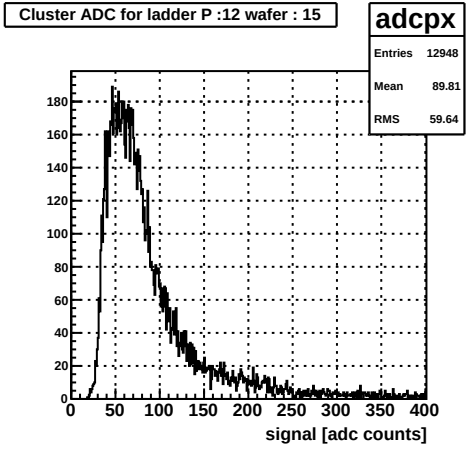

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 16393
Mean 67.77
RMS 55.02
signal [adc counts]

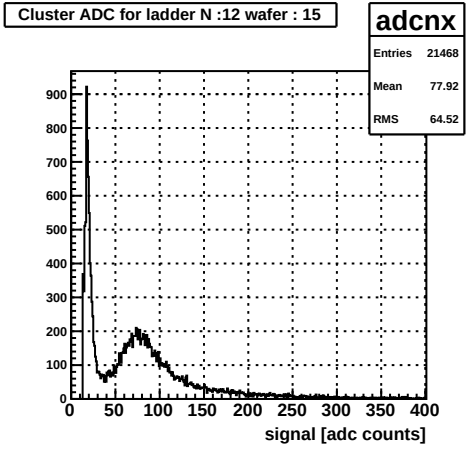

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 15524
Mean 53.98
RMS 51.25
signal [adc counts]

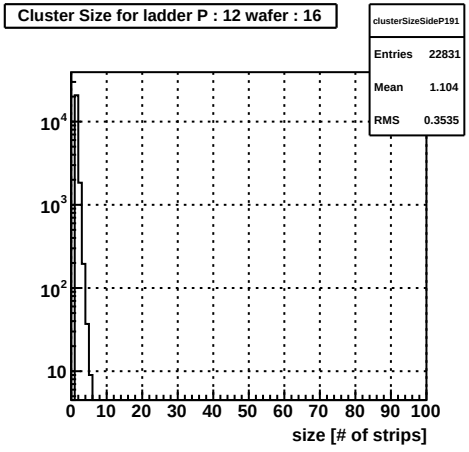

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 12948
Mean 1.281
RMS 0.6212
size [# of strips]

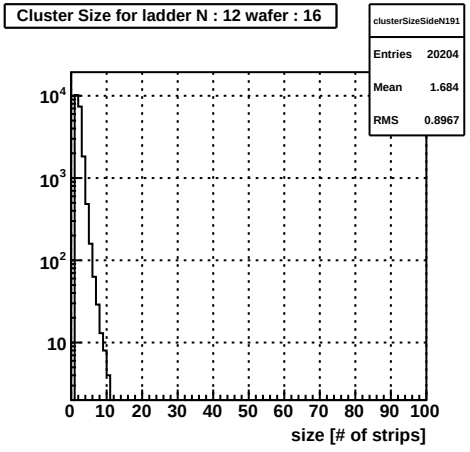

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 21468
Mean 1.579
RMS 0.8524
size [# of strips]

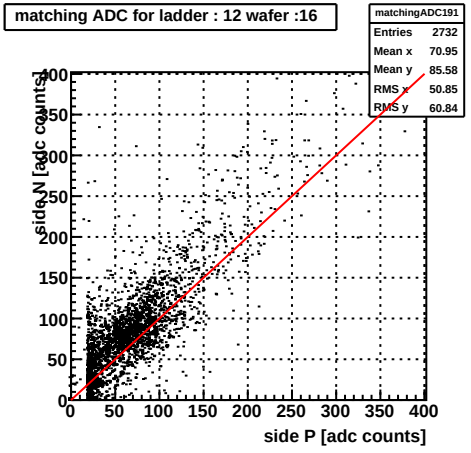

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 12774
Mean x 97.18
Mean y 106.3
RMS x 59.03
RMS y 61.16
side N [adc counts]
side P [adc counts]

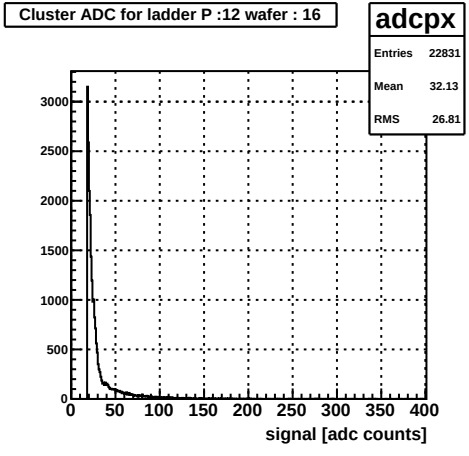

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 12948
Mean 89.81
RMS 59.64
signal [adc counts]

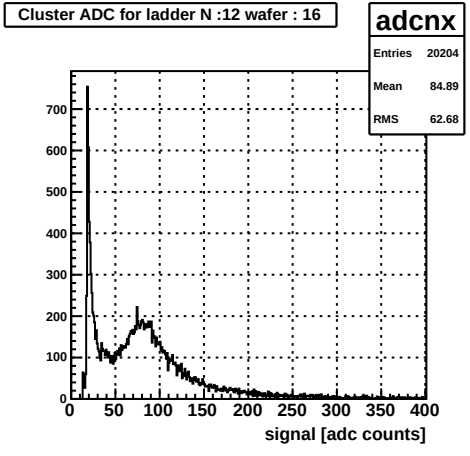

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 21468
Mean 77.92
RMS 64.52
signal [adc counts]

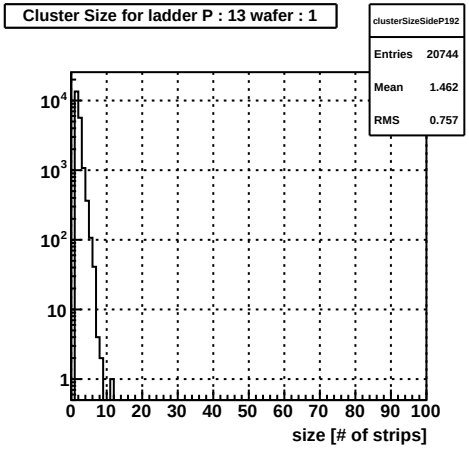

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 22831
Mean 1.104
RMS 0.3535
size [# of strips]

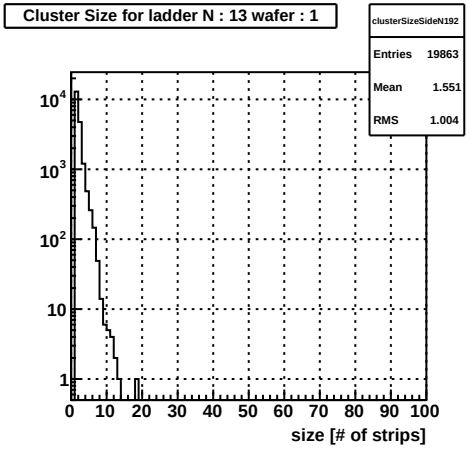

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 20204
Mean 1.684
RMS 0.8967
size [# of strips]

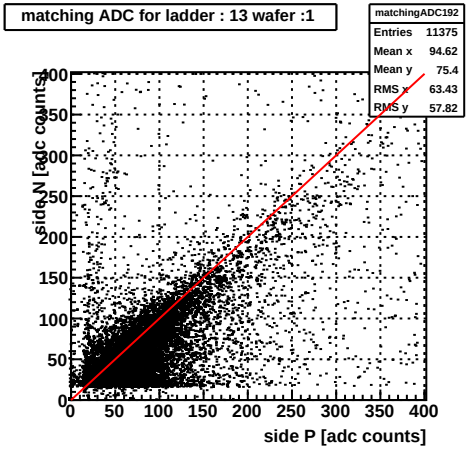

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 2732
Mean x 70.95
Mean y 85.58
RMS x 50.85
RMS y 60.84
side N [adc counts]
side P [adc counts]

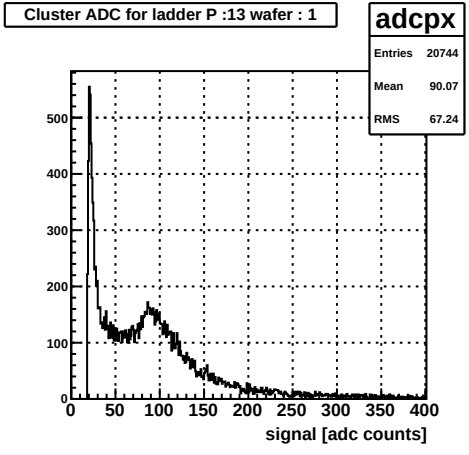

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 22831
Mean 32.13
RMS 26.81
signal [adc counts]

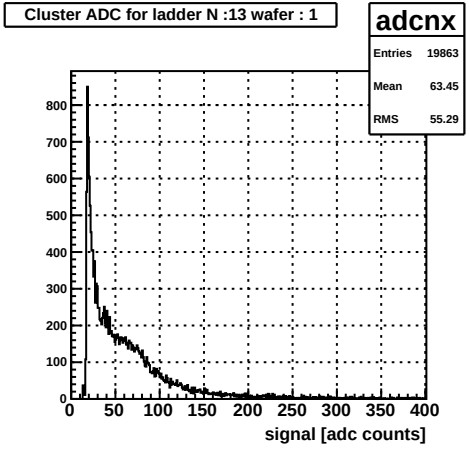

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 20204
Mean 84.89
RMS 62.68
signal [adc counts]

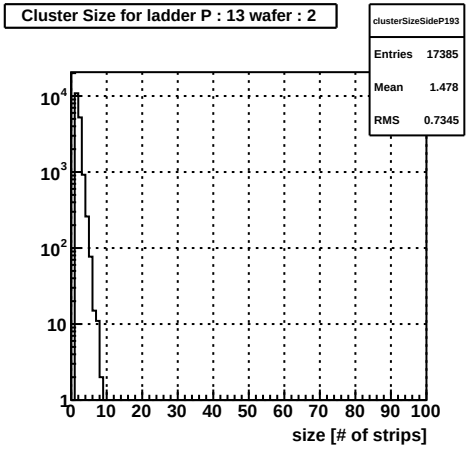

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 20744
Mean 1.462
RMS 0.757
size [# of strips]

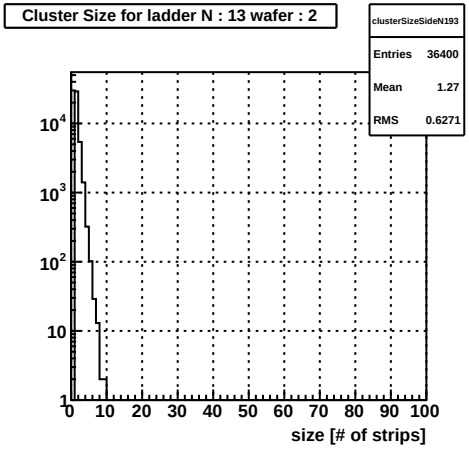

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 19863
Mean 1.551
RMS 1.004
size [# of strips]

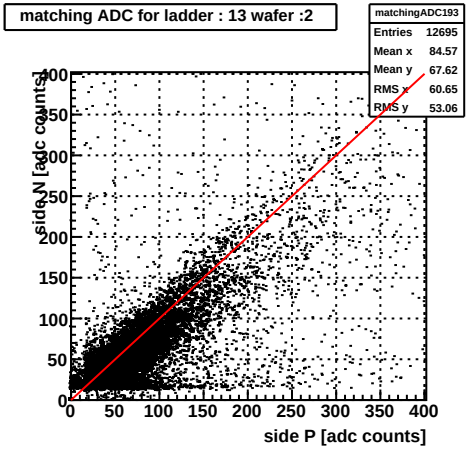

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 11375
Mean x 94.62
Mean y 75.4
RMS x 63.43
RMS y 57.82
side N [adc counts]
side P [adc counts]

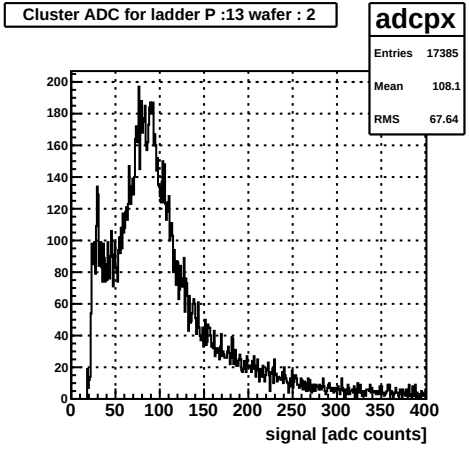

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 20744
Mean 90.07
RMS 67.24
signal [adc counts]

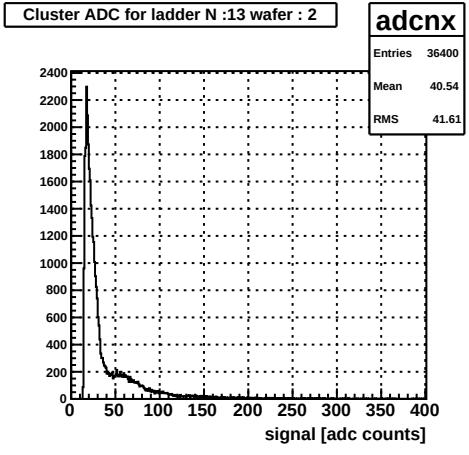

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 19863
Mean 63.45
RMS 55.29
signal [adc counts]

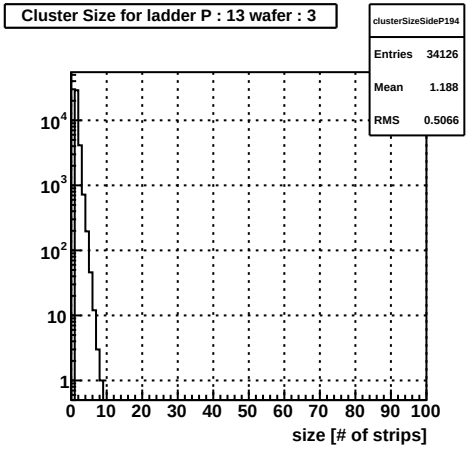

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 17385
Mean 1.478
RMS 0.7345
size [# of strips]

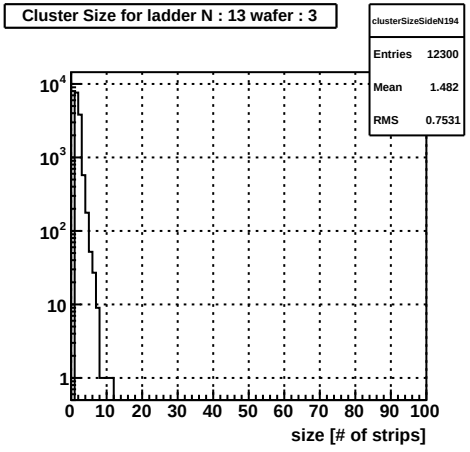

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 36400
Mean 1.27
RMS 0.6271
size [# of strips]

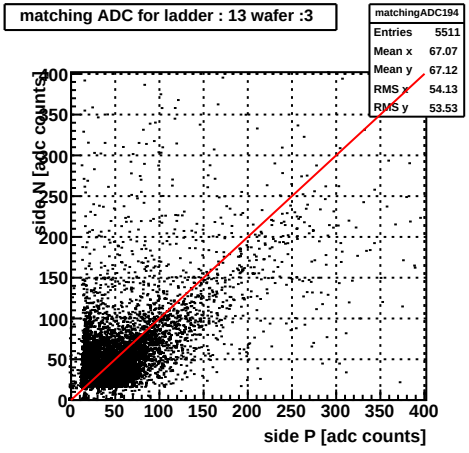

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 12695
Mean x 84.57
Mean y 67.62
RMS x 60.65
RMS y 53.06
side N [adc counts]
side P [adc counts]

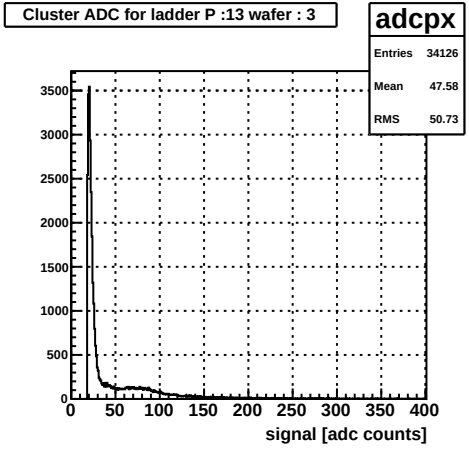

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 17385
Mean 108.1
RMS 67.64
signal [adc counts]

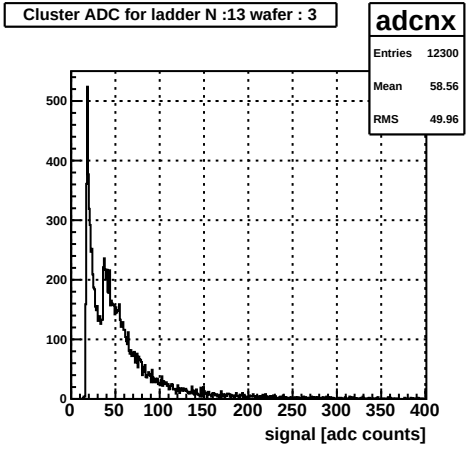

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 36400
Mean 40.54
RMS 41.61
signal [adc counts]

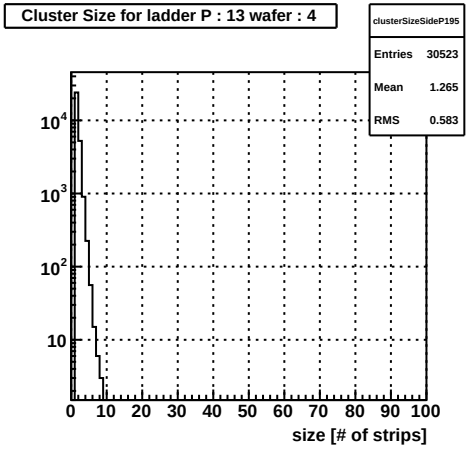

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 34126
Mean 1.188
RMS 0.5066
size [# of strips]

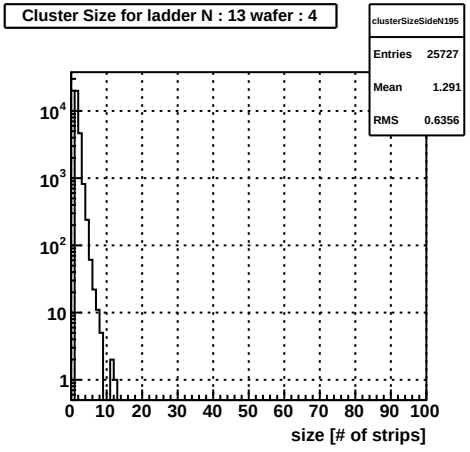

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 12300
Mean 1.482
RMS 0.7531
size [# of strips]

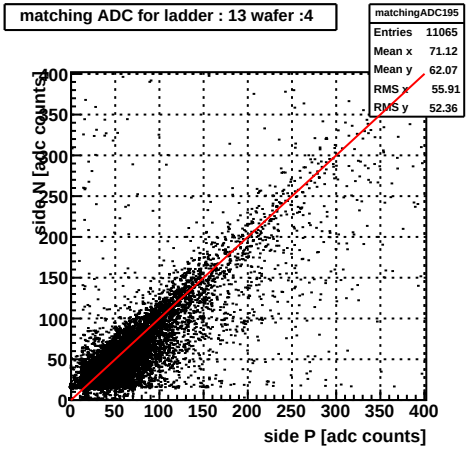

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 5511
Mean x 67.07
Mean y 67.12
RMS x 54.13
RMS y 53.53
side N [adc counts]
side P [adc counts]

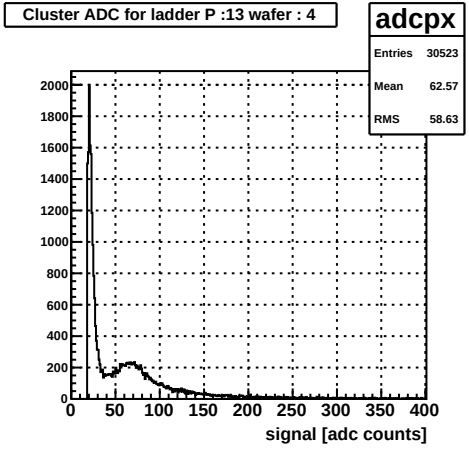

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 34126
Mean 47.58
RMS 50.73
signal [adc counts]

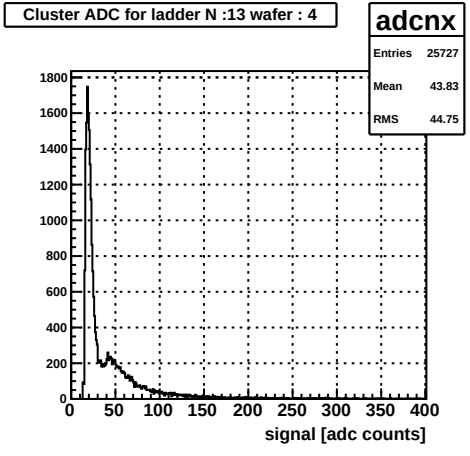

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 12300
Mean 58.56
RMS 49.96
signal [adc counts]

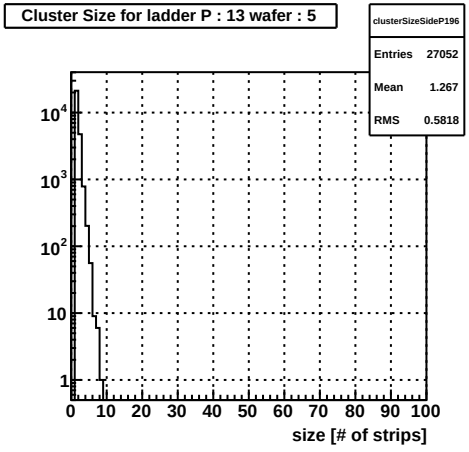

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 30523
Mean 1.265
RMS 0.583
size [# of strips]

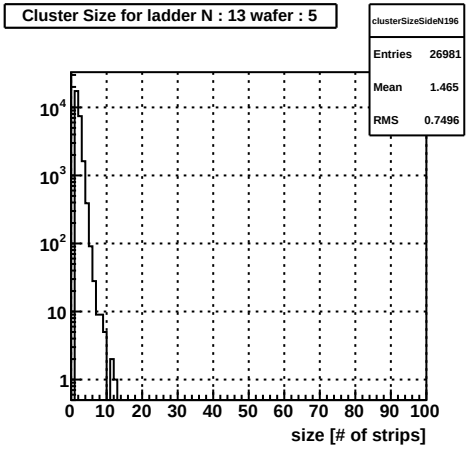

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 25727
Mean 1.291
RMS 0.6356
size [# of strips]

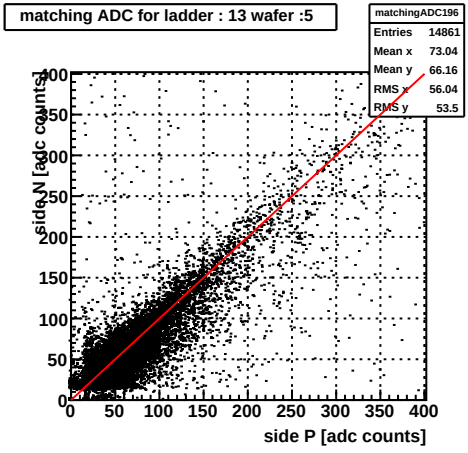

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 11065
Mean x 71.12
Mean y 62.07
RMS x 55.91
RMS y 52.36
side N [adc counts]
side P [adc counts]

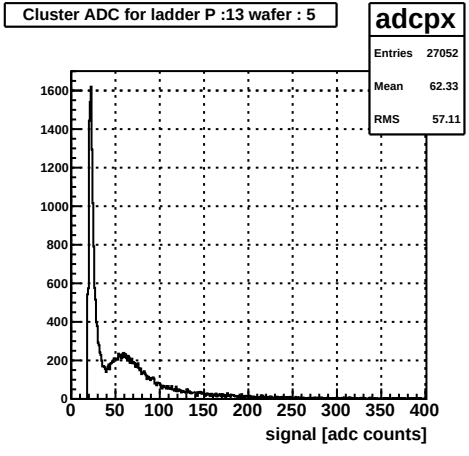

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 30523
Mean 62.57
RMS 58.63
signal [adc counts]

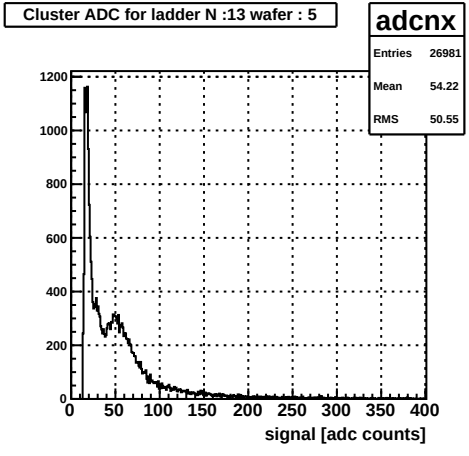

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 25727
Mean 43.83
RMS 44.75
signal [adc counts]

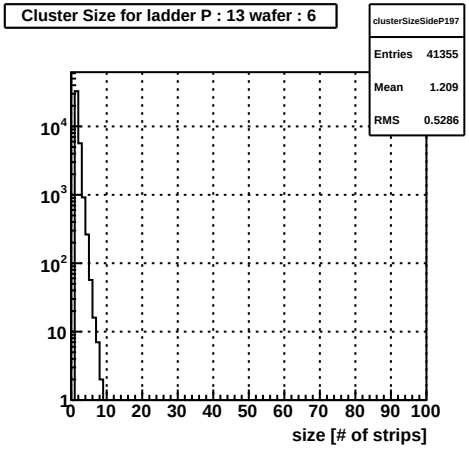

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 27052
Mean 1.267
RMS 0.5818
size [# of strips]

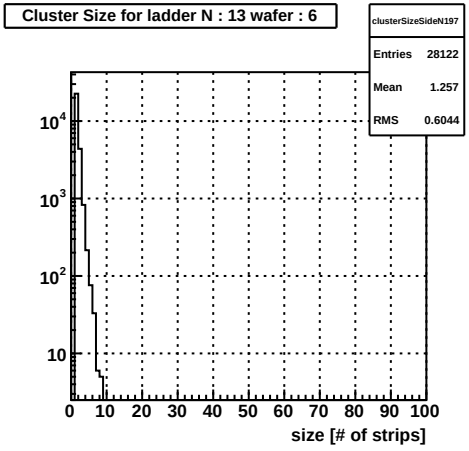

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 26981
Mean 1.465
RMS 0.7496
size [# of strips]

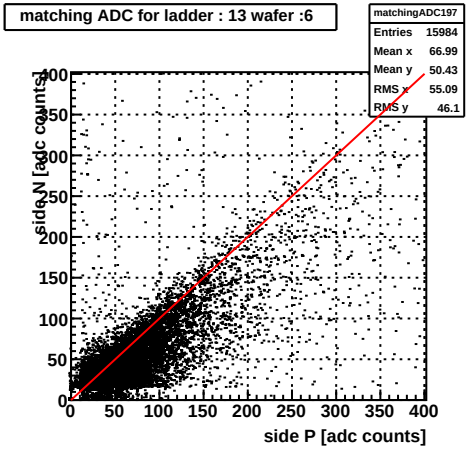

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 14861
Mean x 73.04
Mean y 66.16
RMS x 56.04
RMS y 53.5
side N [adc counts]
side P [adc counts]

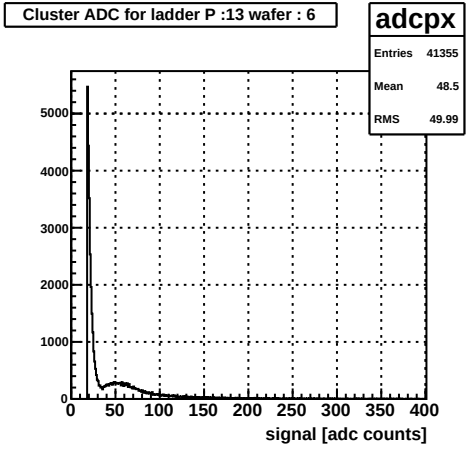

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 27052
Mean 62.33
RMS 57.11
signal [adc counts]

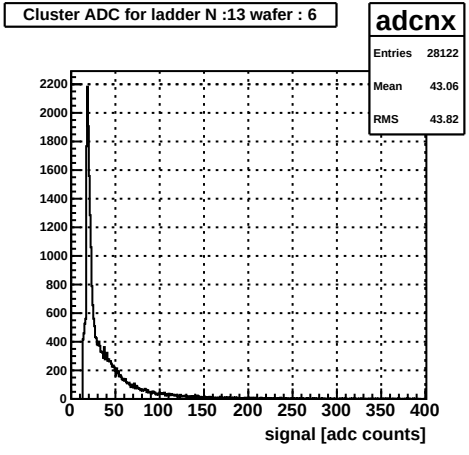

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 26981
Mean 54.22
RMS 50.55
signal [adc counts]

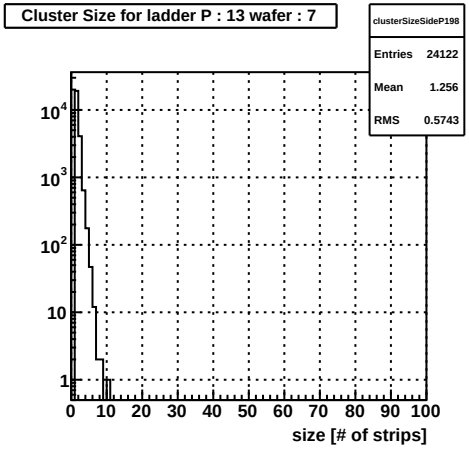

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 41355
Mean 1.209
RMS 0.5286
size [# of strips]

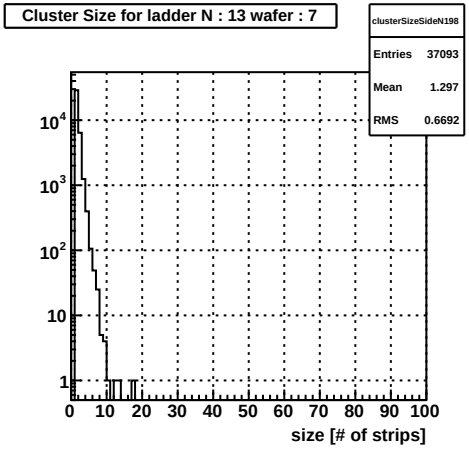

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 28122
Mean 1.257
RMS 0.6044
size [# of strips]

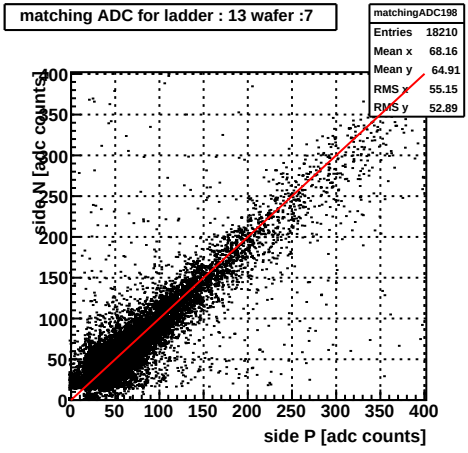

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 15984
Mean x 66.99
Mean y 50.43
RMS x 55.09
RMS y 46.1
side N [adc counts]
side P [adc counts]

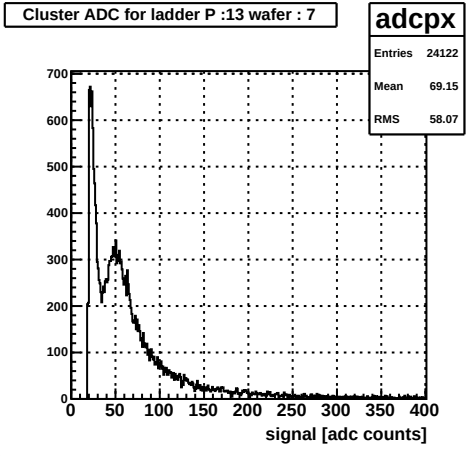

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 41355
Mean 48.5
RMS 49.99
signal [adc counts]

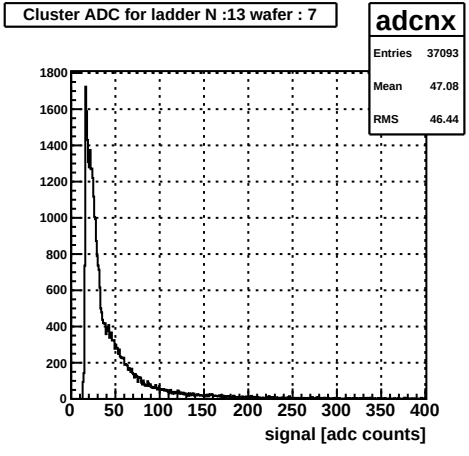

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 28122
Mean 43.06
RMS 43.82
signal [adc counts]

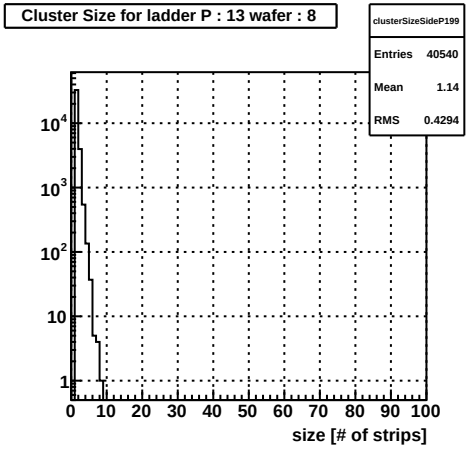

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 24122
Mean 1.256
RMS 0.5743
size [# of strips]

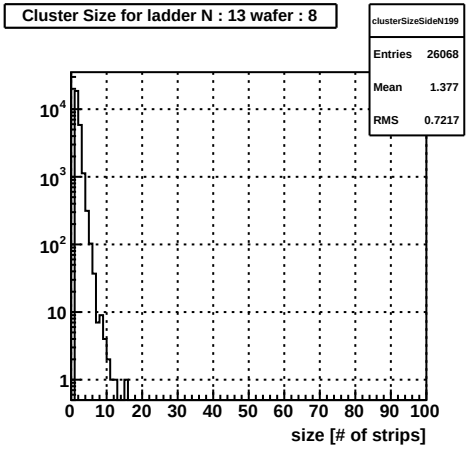

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 37093
Mean 1.297
RMS 0.6692
size [# of strips]

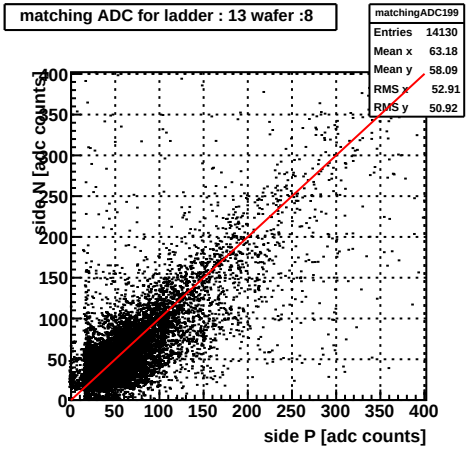

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 18210
Mean x 68.16
Mean y 64.91
RMS x 55.15
RMS y 52.89
side N [adc counts]
side P [adc counts]

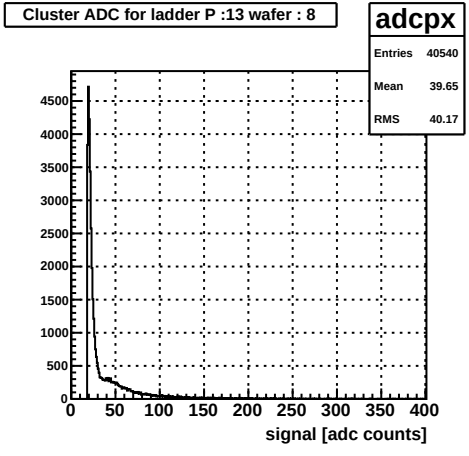

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 24122
Mean 69.15
RMS 58.07
signal [adc counts]

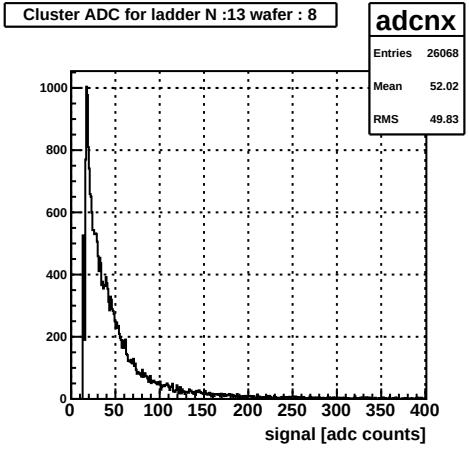

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 37093
Mean 47.08
RMS 46.44
signal [adc counts]

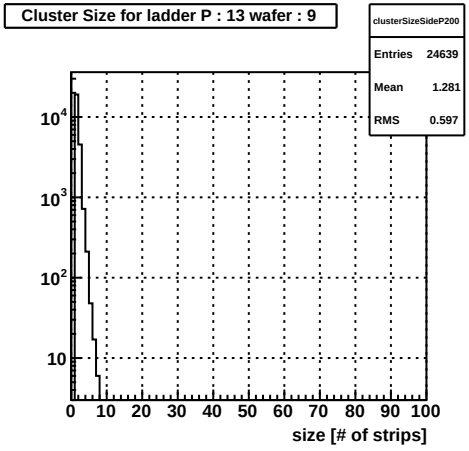

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 40540
Mean 1.14
RMS 0.4294
size [# of strips]

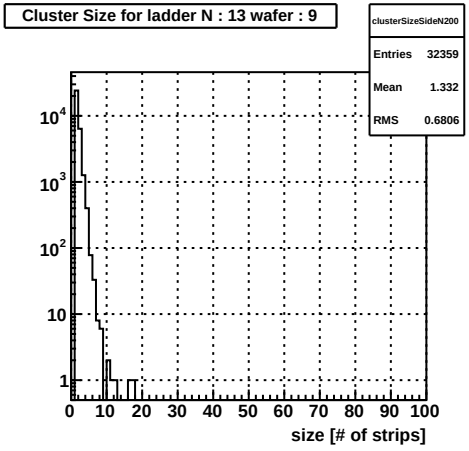

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 26068
Mean 1.377
RMS 0.7217
size [# of strips]

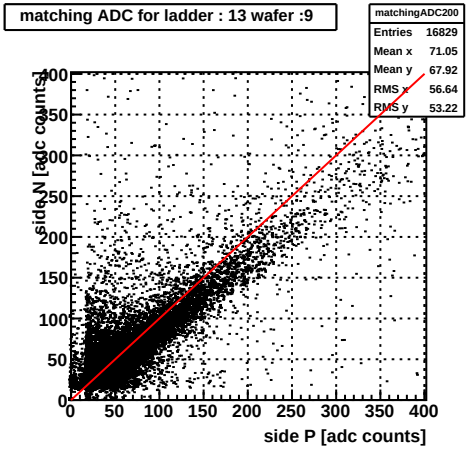

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 14130
Mean x 63.18
Mean y 58.09
RMS x 52.91
RMS y 50.92
side N [adc counts]
side P [adc counts]

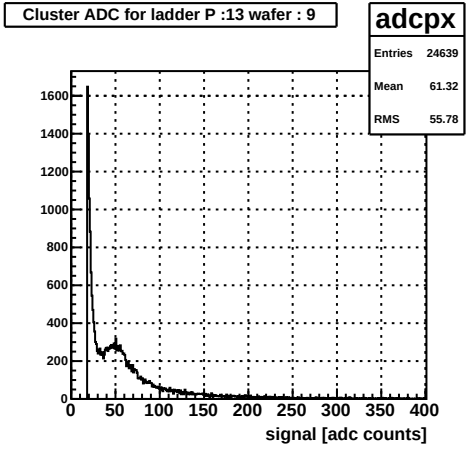

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 40540
Mean 39.65
RMS 40.17
signal [adc counts]

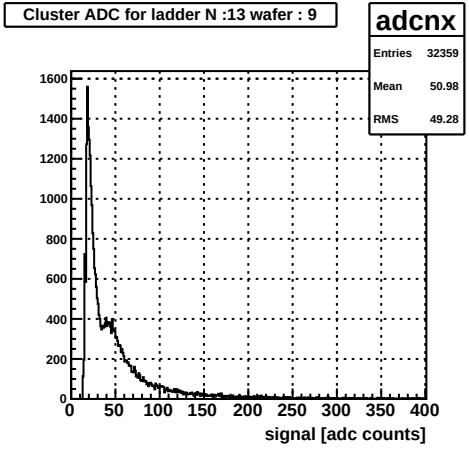

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 26068
Mean 52.02
RMS 49.83
signal [adc counts]

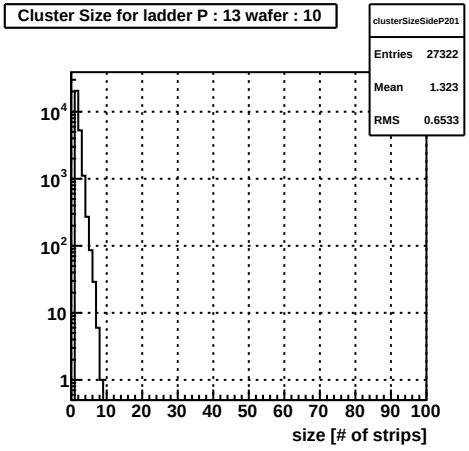

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 24639
Mean 1.281
RMS 0.597
size [# of strips]

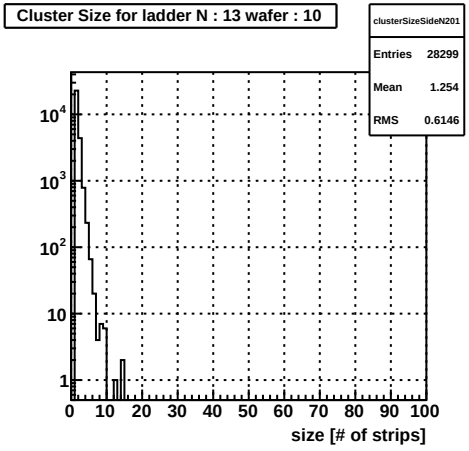

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 32359
Mean 1.332
RMS 0.6806
size [# of strips]

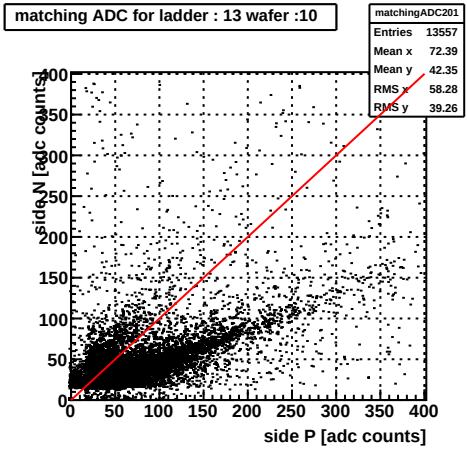

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 16829
Mean x 71.05
Mean y 67.92
RMS x 56.64
RMS y 53.22
side N [adc counts]
side P [adc counts]

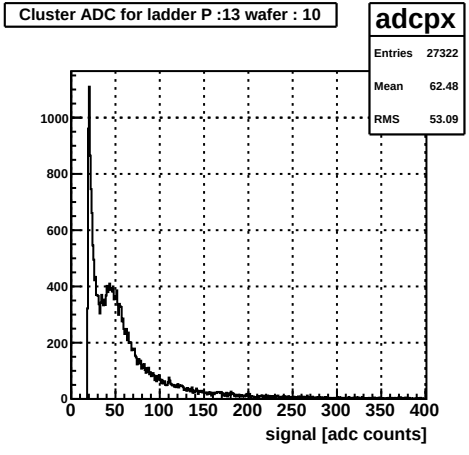

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 24639
Mean 61.32
RMS 55.78
signal [adc counts]

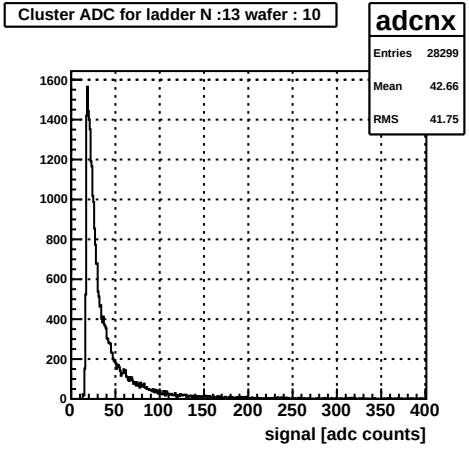

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 32359
Mean 50.98
RMS 49.28
signal [adc counts]

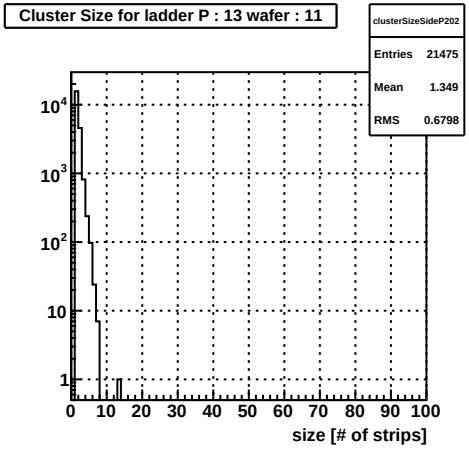

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 27322
Mean 1.323
RMS 0.6533
size [# of strips]

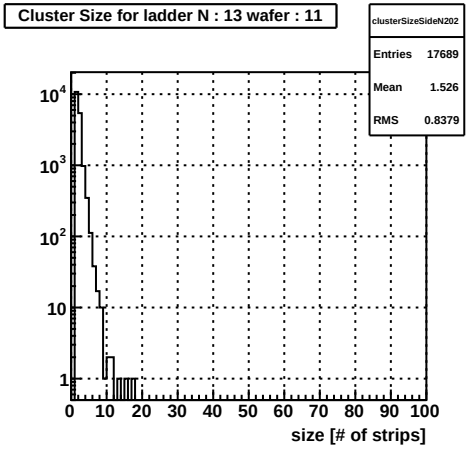

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 28299
Mean 1.254
RMS 0.6146
size [# of strips]

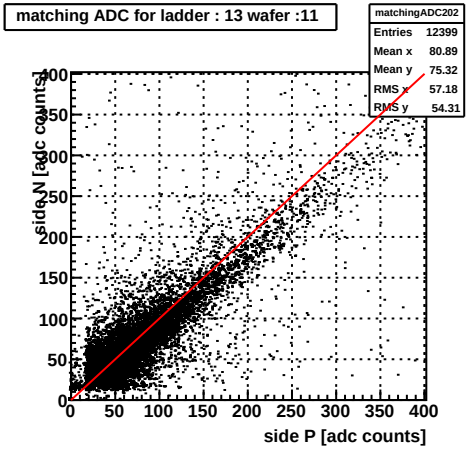

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 13557
Mean x 72.39
Mean y 42.35
RMS x 58.28
RMS y 39.26
side N [adc counts]
side P [adc counts]

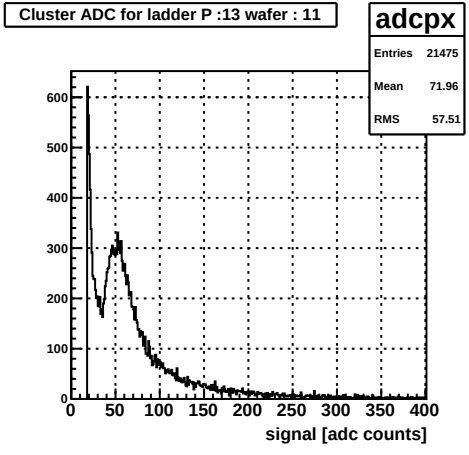

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 27322
Mean 62.48
RMS 53.09
signal [adc counts]

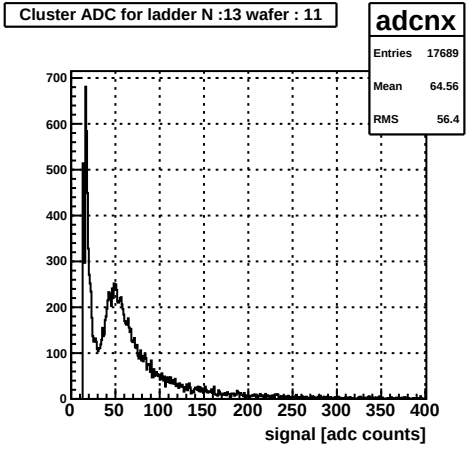

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 28299
Mean 42.66
RMS 41.75
signal [adc counts]

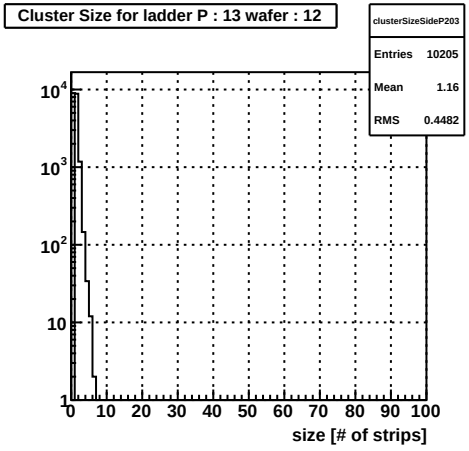

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 21475
Mean 1.349
RMS 0.6798
size [# of strips]

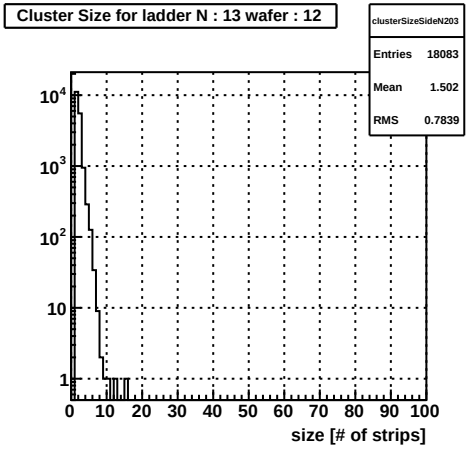

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 17689
Mean 1.526
RMS 0.8379
size [# of strips]

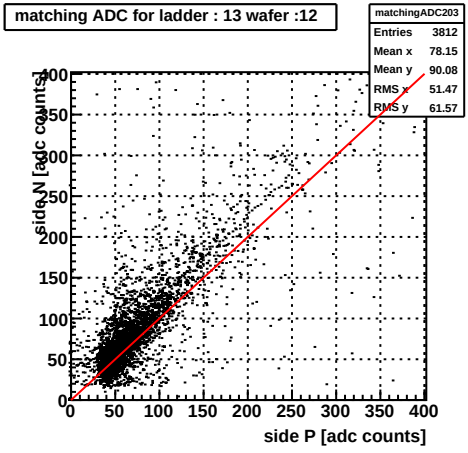

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 12399
Mean x 80.89
Mean y 75.32
RMS x 57.18
RMS y 54.31
side N [adc counts]
side P [adc counts]

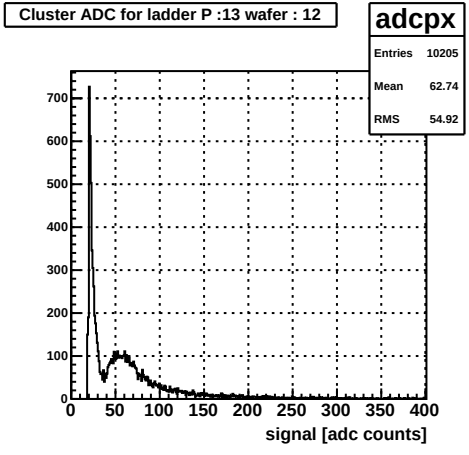

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 21475
Mean 71.96
RMS 57.51
signal [adc counts]

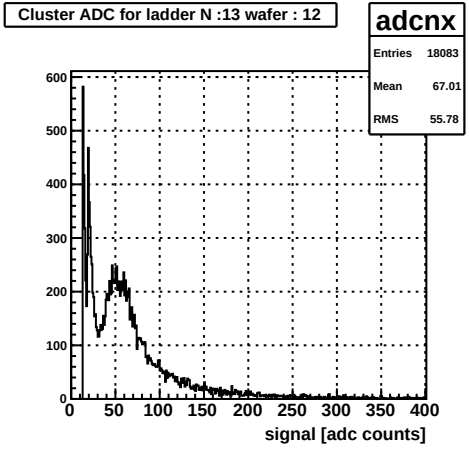

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 17689
Mean 64.56
RMS 56.4
signal [adc counts]

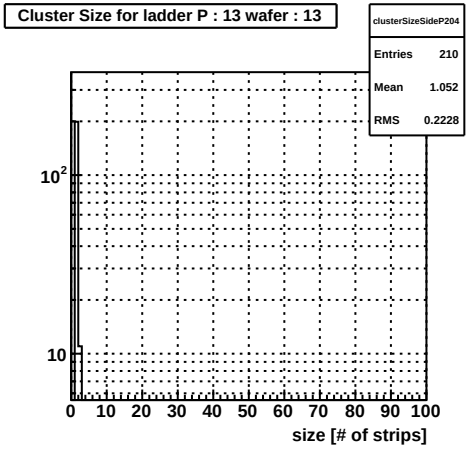

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 10205
Mean 1.16
RMS 0.4482
size [# of strips]

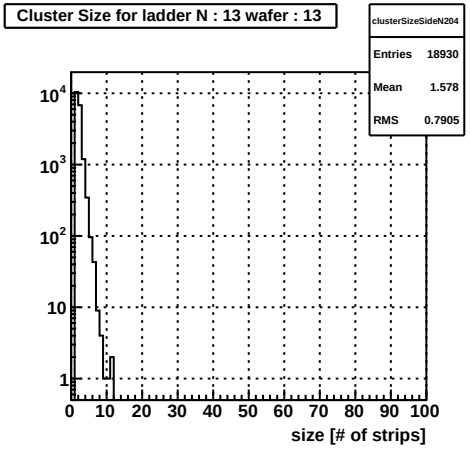

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 18083
Mean 1.502
RMS 0.7839
size [# of strips]

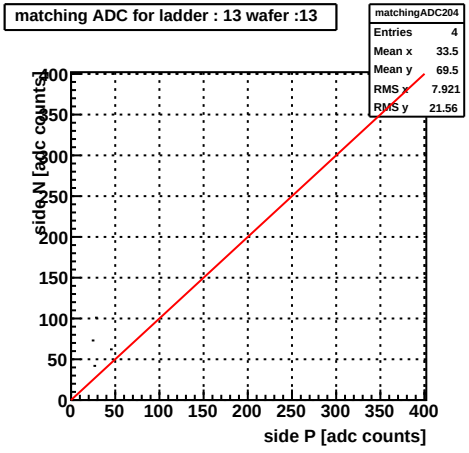

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 3812
Mean x 78.15
Mean y 90.08
RMS x 51.47
RMS y 61.57
side N [adc counts]
side P [adc counts]

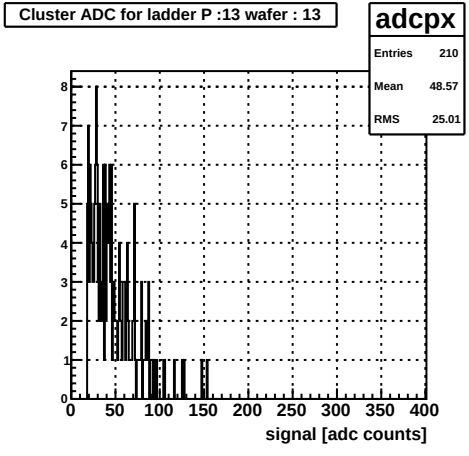

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 10205
Mean 62.74
RMS 54.92
signal [adc counts]

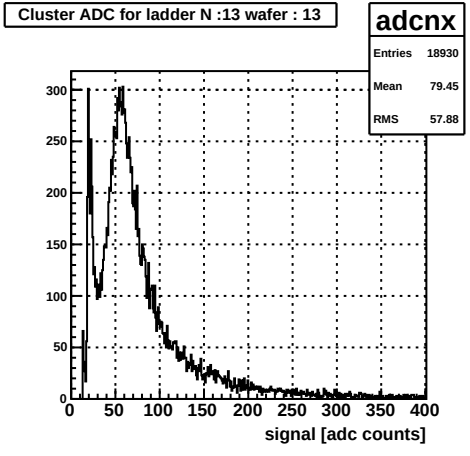

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 18083
Mean 67.01
RMS 55.78
signal [adc counts]

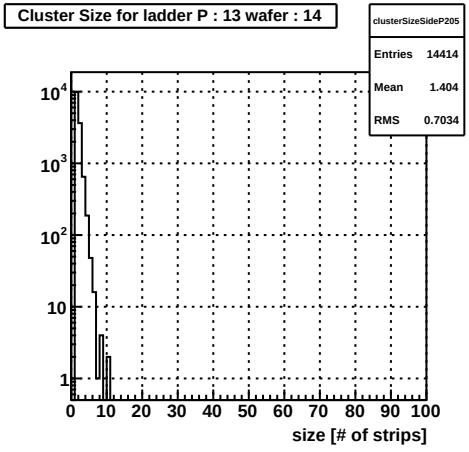

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 210
Mean 1.052
RMS 0.2228
size [# of strips]

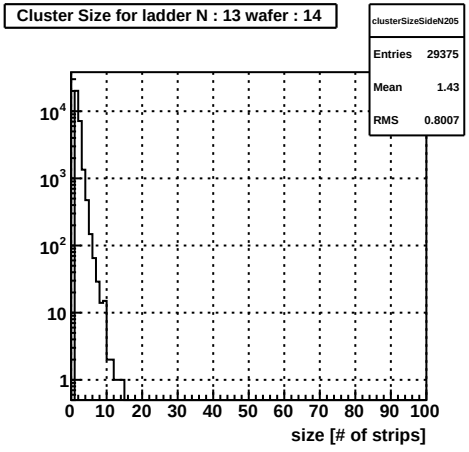

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 18930
Mean 1.578
RMS 0.7905
size [# of strips]

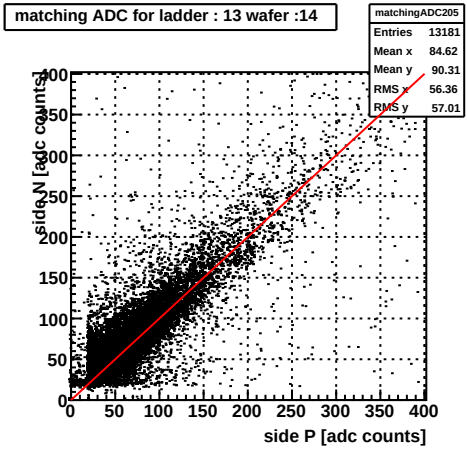

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 4
Mean x 33.5
Mean y 69.5
RMS x 7.921
RMS y 21.56
side N [adc counts]
side P [adc counts]

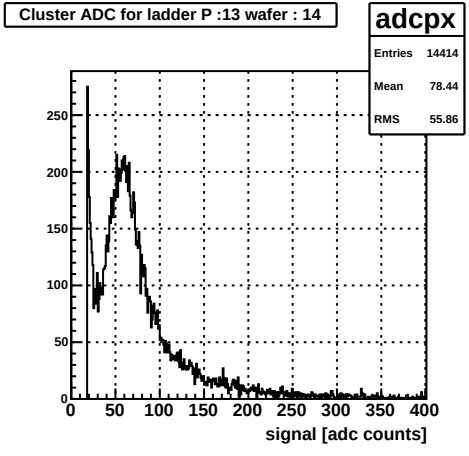

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 210
Mean 48.57
RMS 25.01
signal [adc counts]

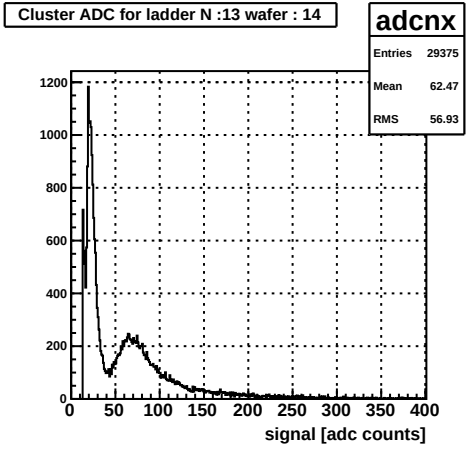

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 18930
Mean 79.45
RMS 57.88
signal [adc counts]

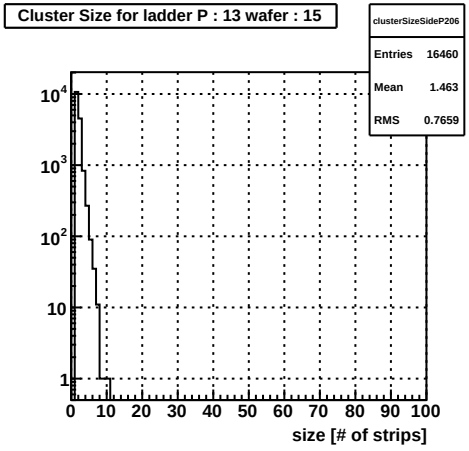

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 14414
Mean 1.404
RMS 0.7034
size [# of strips]

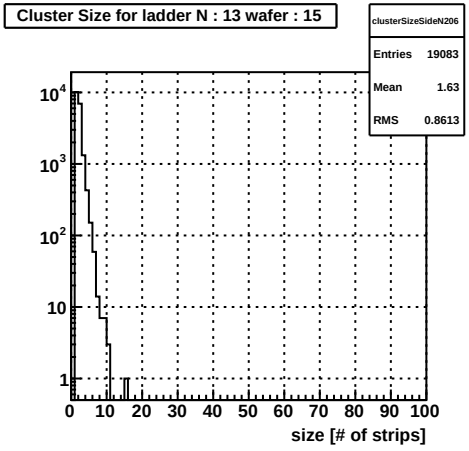

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 29375
Mean 1.43
RMS 0.8007
size [# of strips]

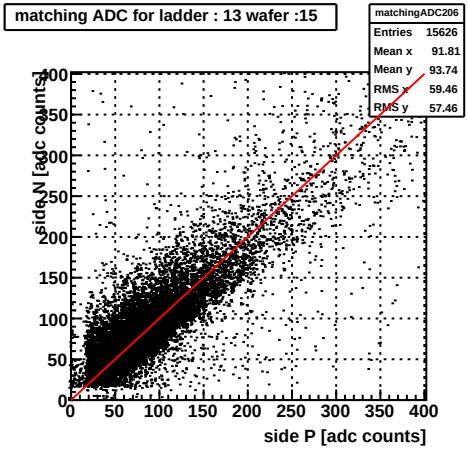

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 13181
Mean x 84.62
Mean y 90.31
RMS x 56.36
RMS y 57.01
side N [adc counts]
side P [adc counts]

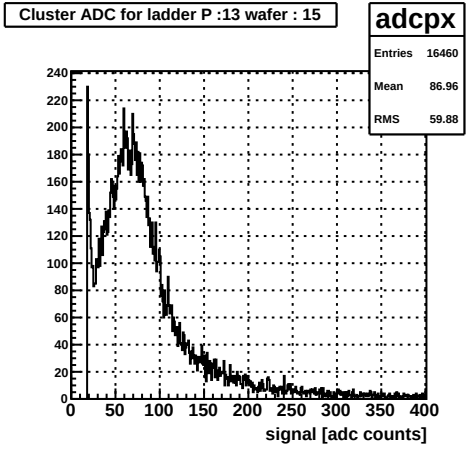

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 14414
Mean 78.44
RMS 55.86
signal [adc counts]

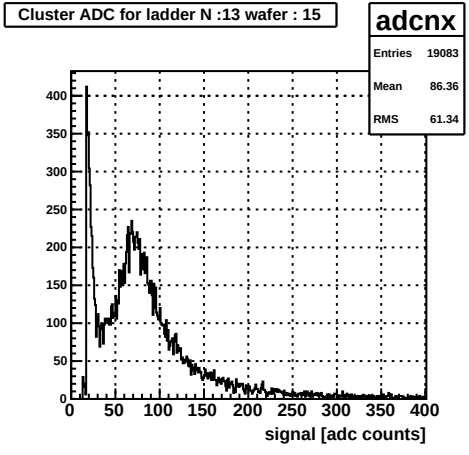

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 29375
Mean 62.47
RMS 56.93
signal [adc counts]

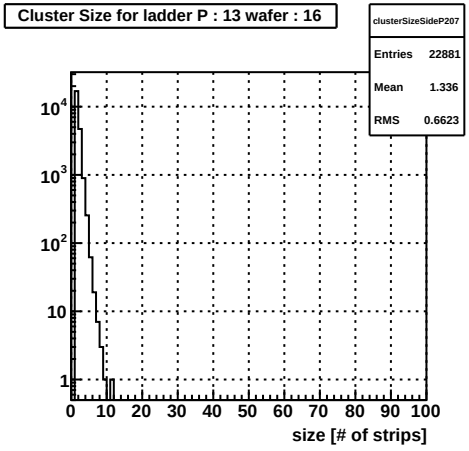

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 16460
Mean 1.463
RMS 0.7659
size [# of strips]

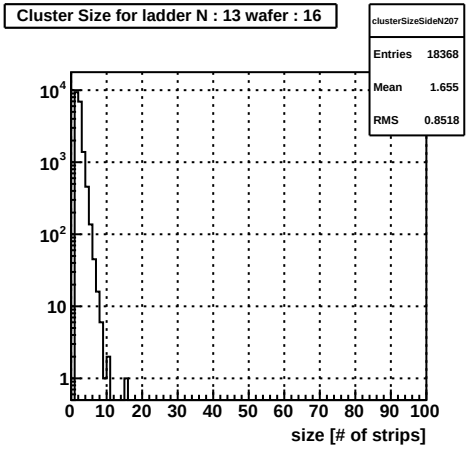

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 19083
Mean 1.63
RMS 0.8613
size [# of strips]

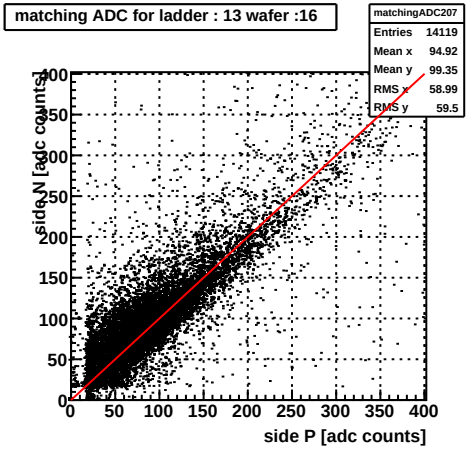

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 15626
Mean x 91.81
Mean y 93.74
RMS x 59.46
RMS y 57.46
side N [adc counts]
side P [adc counts]

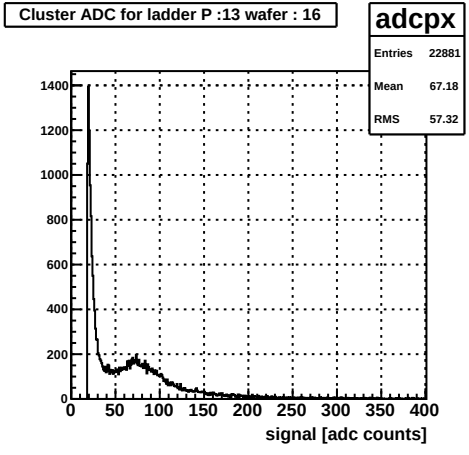

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 16460
Mean 86.96
RMS 59.88
signal [adc counts]

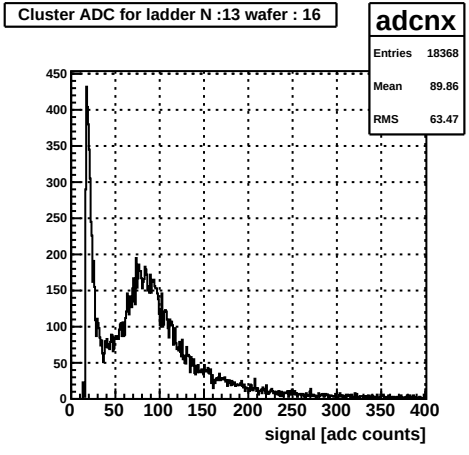

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 19083
Mean 86.36
RMS 61.34
signal [adc counts]

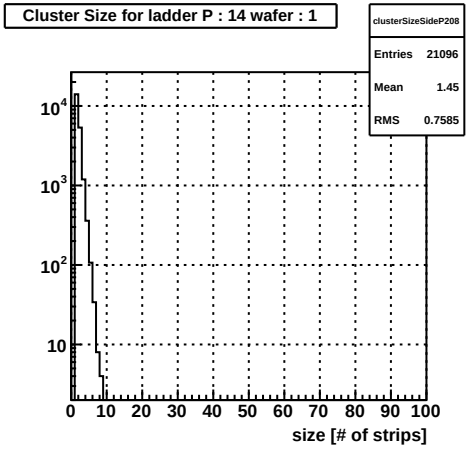

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 22881
Mean 1.336
RMS 0.6623
size [# of strips]

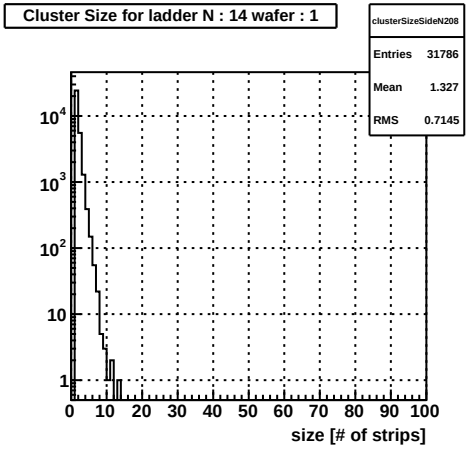

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 18368
Mean 1.655
RMS 0.8518
size [# of strips]

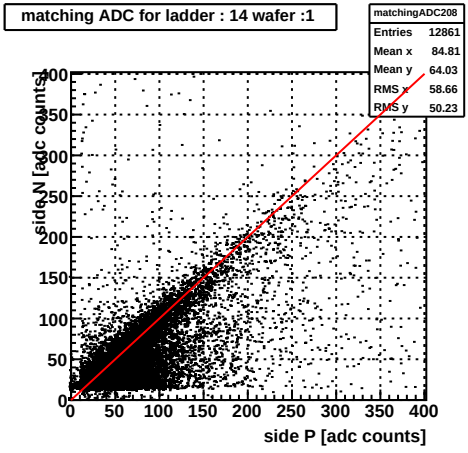

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 14119
Mean x 94.92
Mean y 99.35
RMS x 58.99
RMS y 59.5
side N [adc counts]
side P [adc counts]

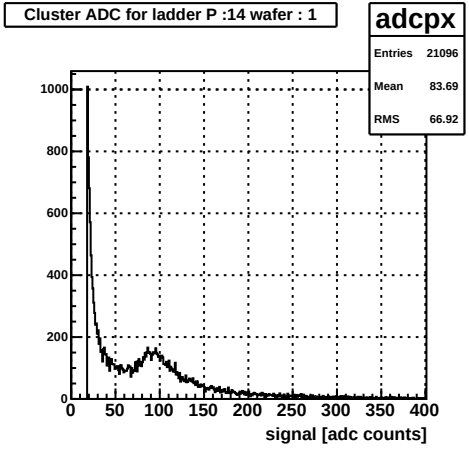

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 22881
Mean 67.18
RMS 57.32
signal [adc counts]

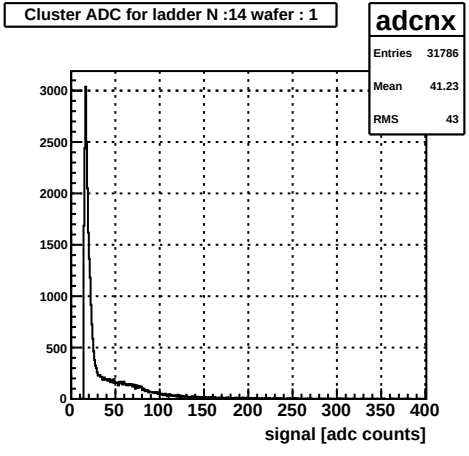

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 18368
Mean 89.86
RMS 63.47
signal [adc counts]

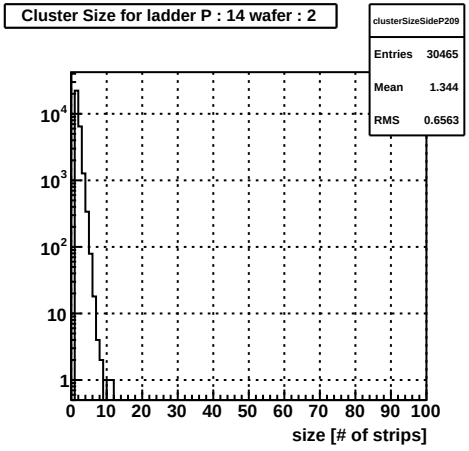

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 21096
Mean 1.45
RMS 0.7585
size [# of strips]

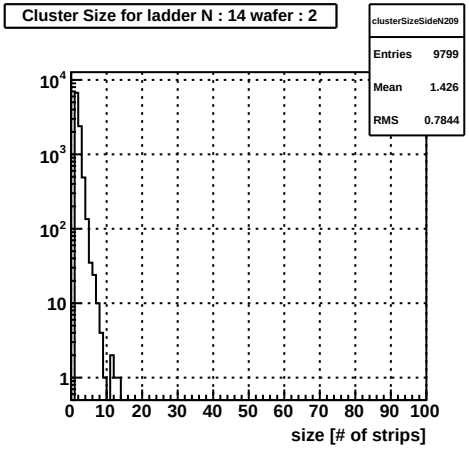

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 31786
Mean 1.327
RMS 0.7145
size [# of strips]

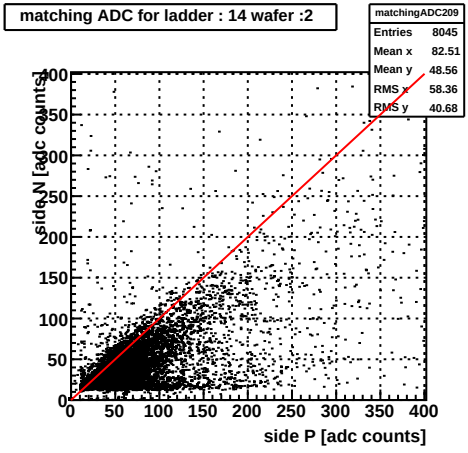

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 12861
Mean x 84.81
Mean y 64.03
RMS x 58.66
RMS y 50.23
side N [adc counts]
side P [adc counts]

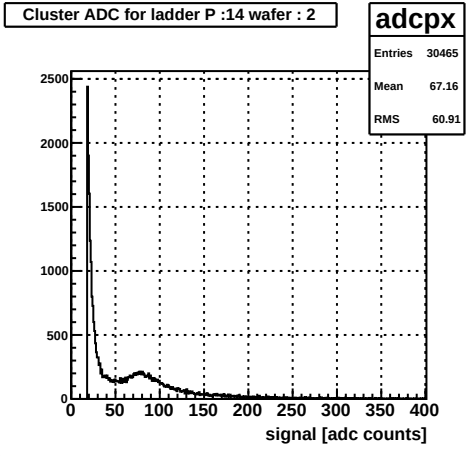

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 21096
Mean 83.69
RMS 66.92
signal [adc counts]

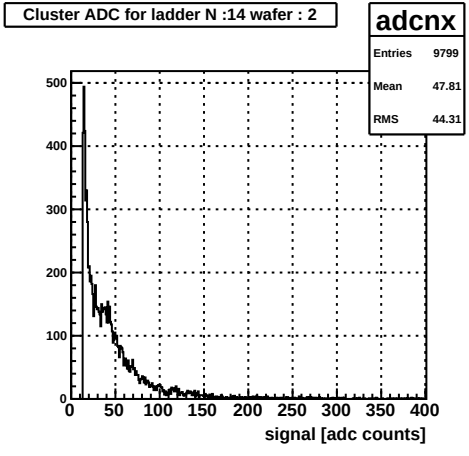

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 31786
Mean 41.23
RMS 43
signal [adc counts]

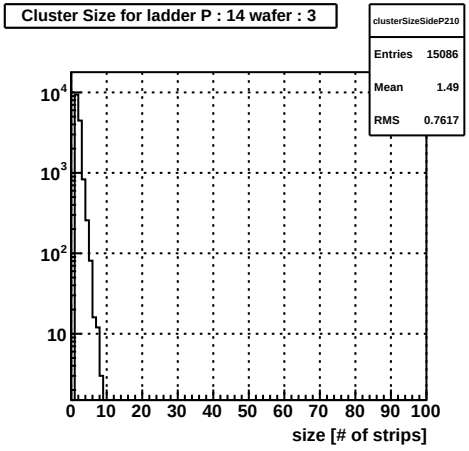

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 30465
Mean 1.344
RMS 0.6563
size [# of strips]

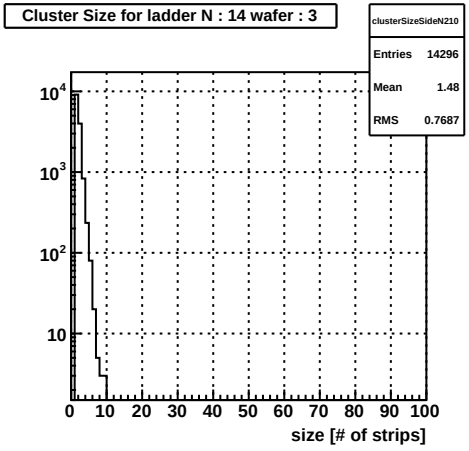

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 9799
Mean 1.426
RMS 0.7844
size [# of strips]

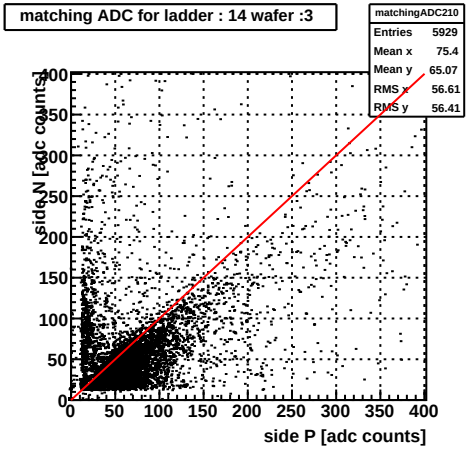

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 8045
Mean x 82.51
Mean y 48.56
RMS x 58.36
RMS y 40.68
side N [adc counts]
side P [adc counts]

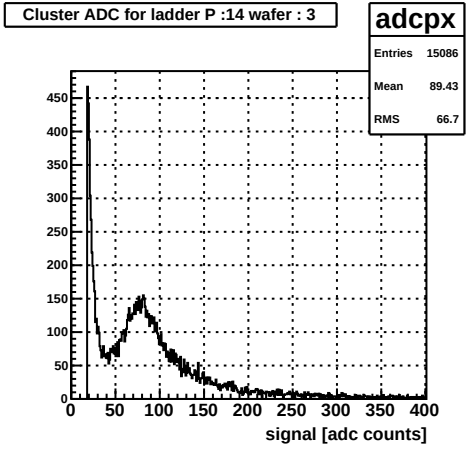

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 30465
Mean 67.16
RMS 60.91
signal [adc counts]

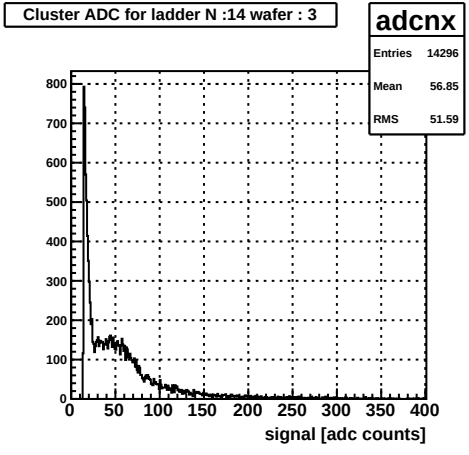

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 9799
Mean 47.81
RMS 44.31
signal [adc counts]

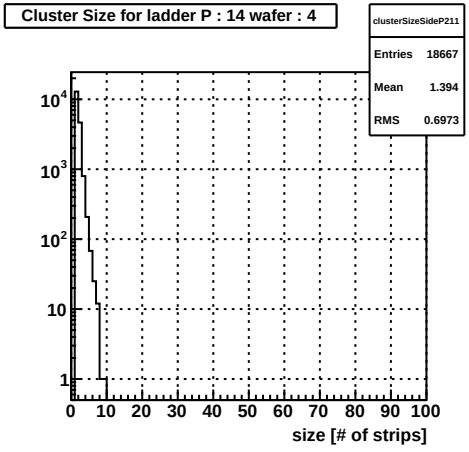

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 15086
Mean 1.49
RMS 0.7617
size [# of strips]

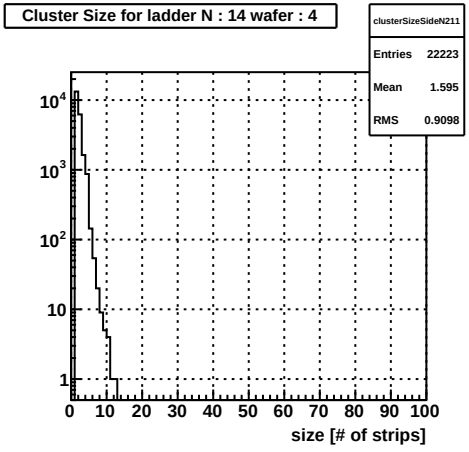

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 14296
Mean 1.48
RMS 0.7687
size [# of strips]

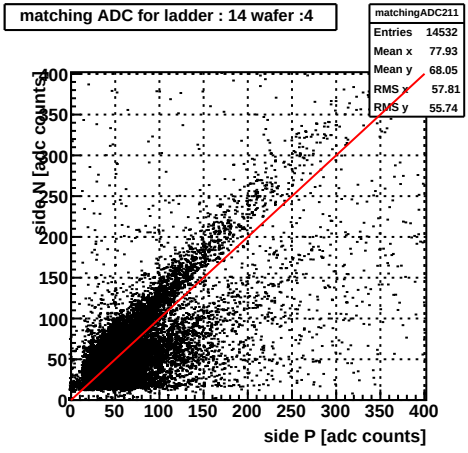

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 5929
Mean x 75.4
Mean y 65.07
RMS x 56.61
RMS y 56.41
side N [adc counts]
side P [adc counts]

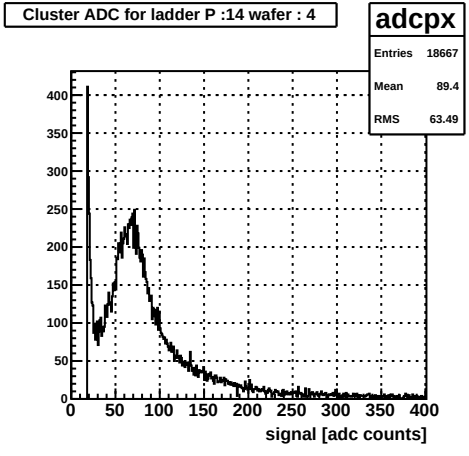

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 15086
Mean 89.43
RMS 66.7
signal [adc counts]

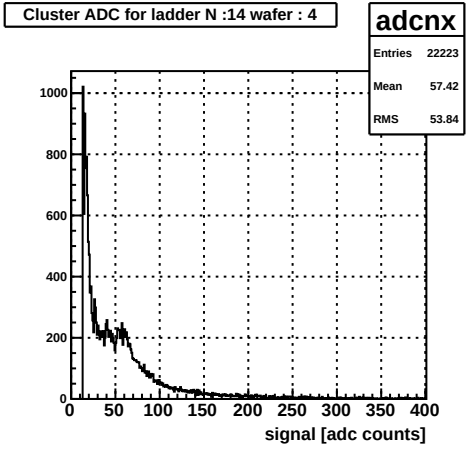

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 14296
Mean 56.85
RMS 51.59
signal [adc counts]

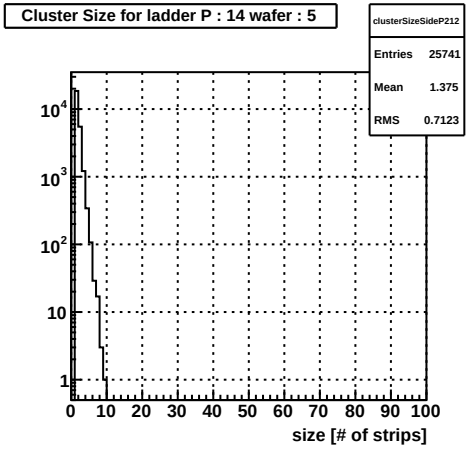

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 18667
Mean 1.394
RMS 0.6973
size [# of strips]

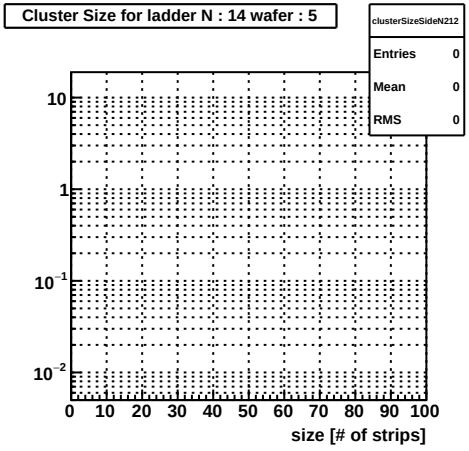

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 22223
Mean 1.595
RMS 0.9098
size [# of strips]

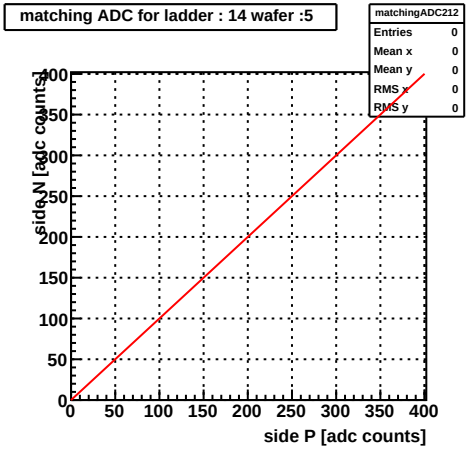

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 14532
Mean x 77.93
Mean y 68.05
RMS x 57.81
RMS y 55.74
side N [adc counts]
side P [adc counts]

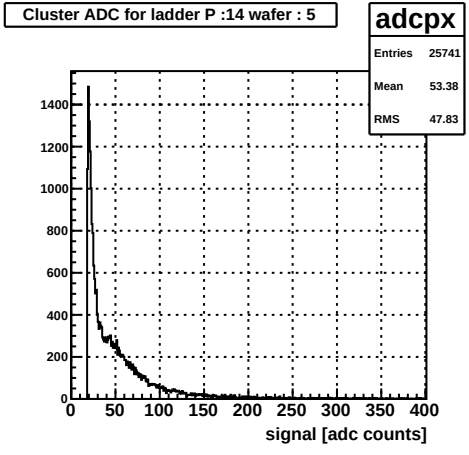

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 18667
Mean 89.4
RMS 63.49
signal [adc counts]

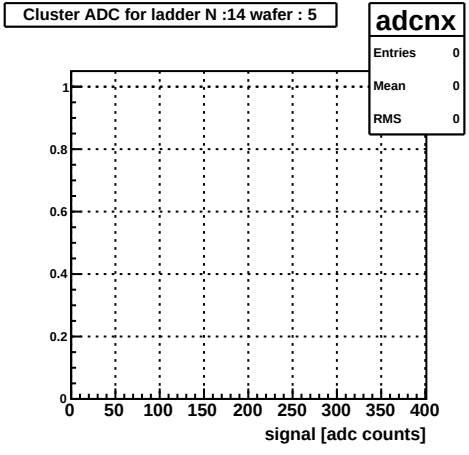

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 22223
Mean 57.42
RMS 53.84
signal [adc counts]

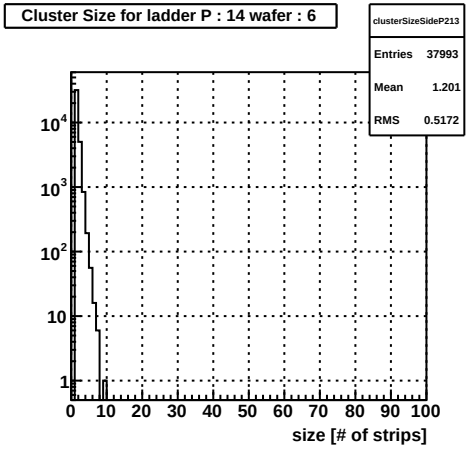

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 25741
Mean 1.375
RMS 0.7123
size [# of strips]

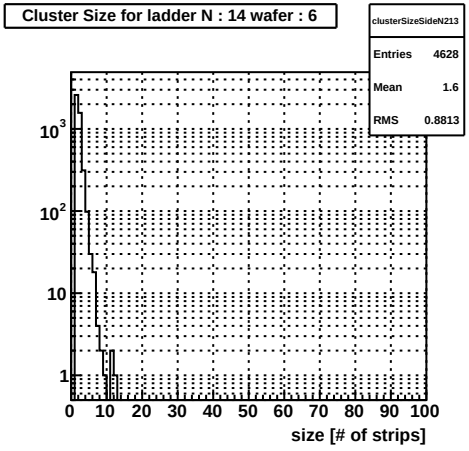

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

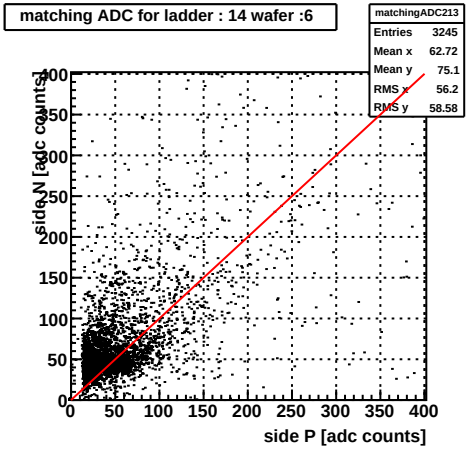

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

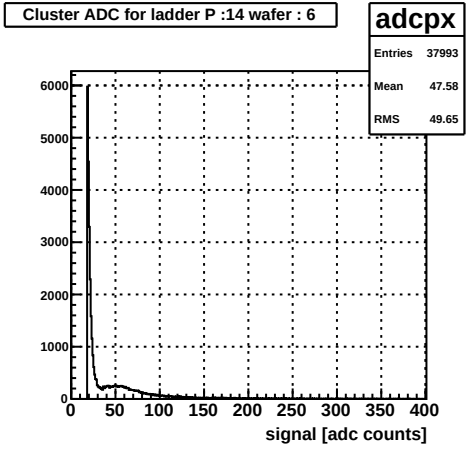

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 25741
Mean 53.38
RMS 47.83
signal [adc counts]

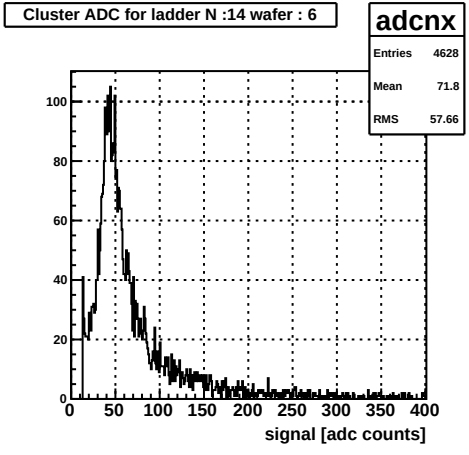

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

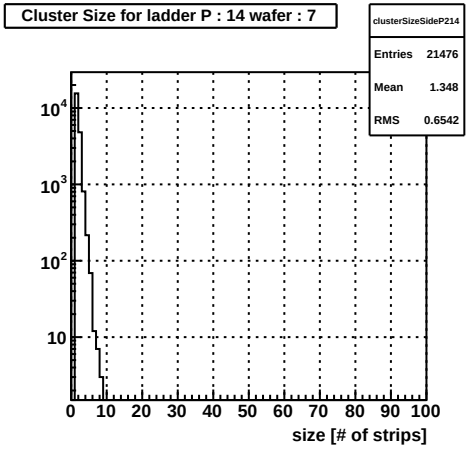

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 37993
Mean 1.201
RMS 0.5172
size [# of strips]

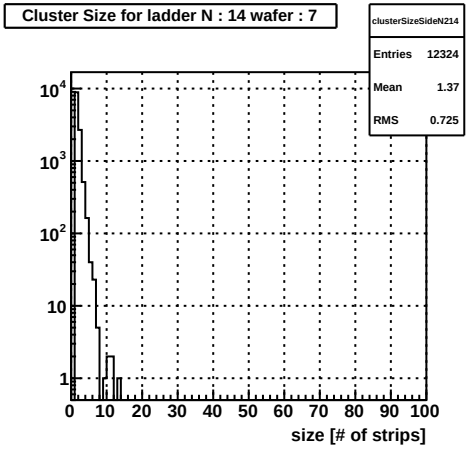

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4628
Mean 1.6
RMS 0.8813
size [# of strips]

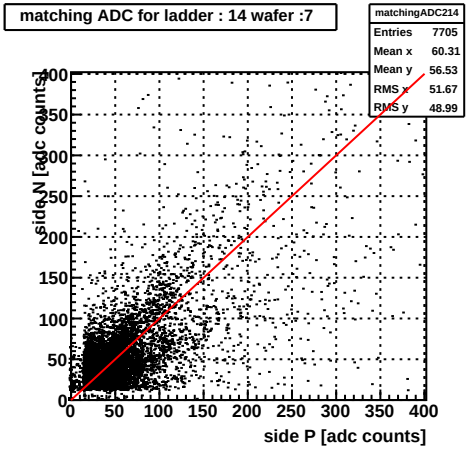

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 3245
Mean x 62.72
Mean y 75.1
RMS x 56.2
RMS y 58.58
side N [adc counts]
side P [adc counts]

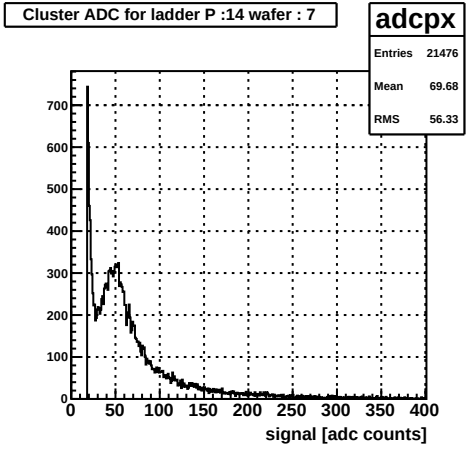

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 37993
Mean 47.58
RMS 49.65
signal [adc counts]

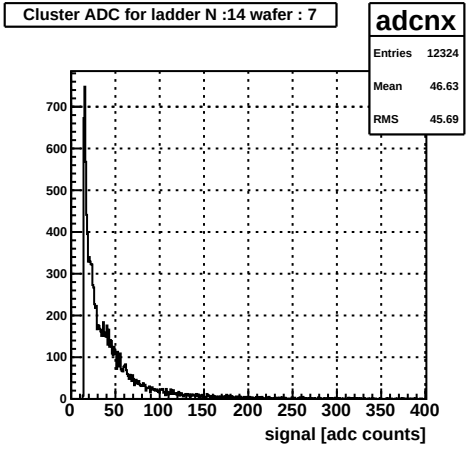

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4628
Mean 71.8
RMS 57.66
signal [adc counts]

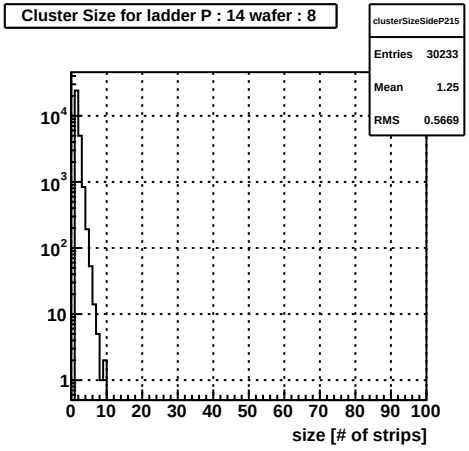

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 21476
Mean 1.348
RMS 0.6542
size [# of strips]

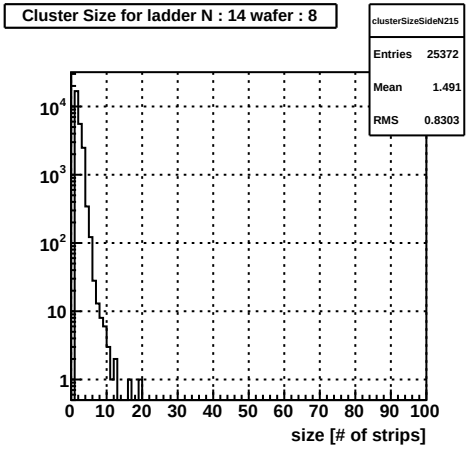

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12324
Mean 1.37
RMS 0.725
size [# of strips]

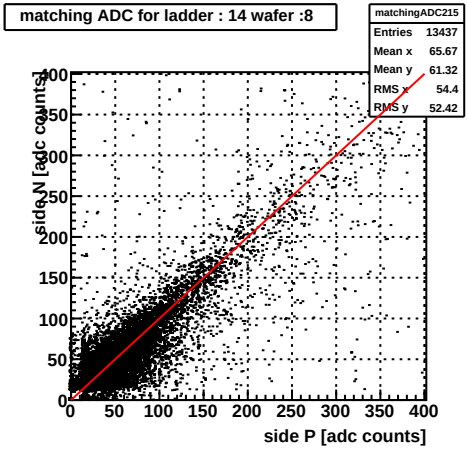

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7705
Mean x 60.31
Mean y 56.53
RMS x 51.67
RMS y 48.99
side N [adc counts]
side P [adc counts]

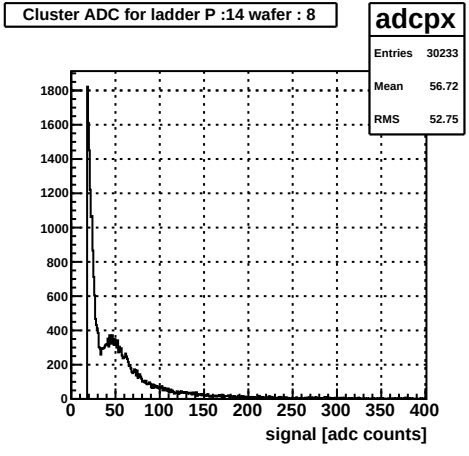

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 21476
Mean 69.68
RMS 56.33
signal [adc counts]

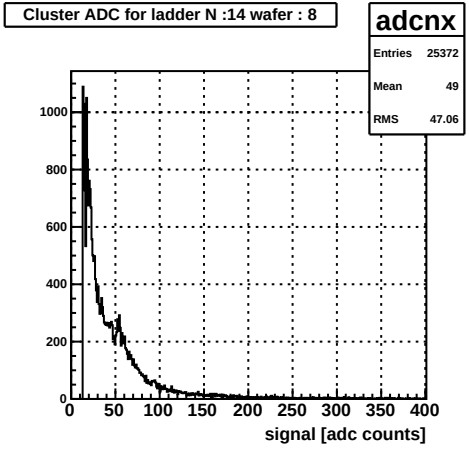

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12324
Mean 46.63
RMS 45.69
signal [adc counts]

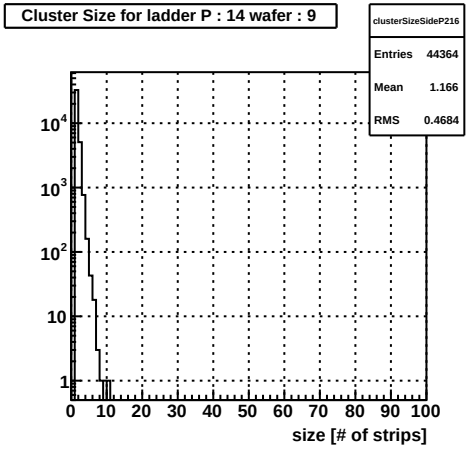

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 30233
Mean 1.25
RMS 0.5669
size [# of strips]

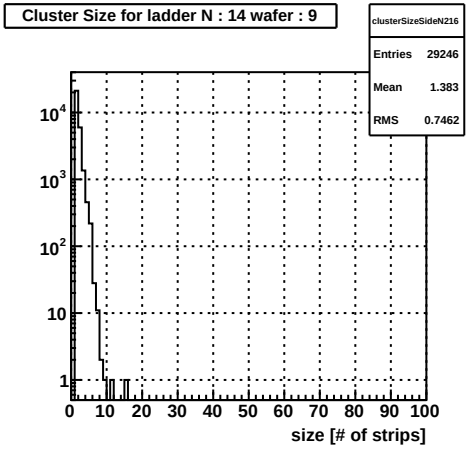

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 25372
Mean 1.491
RMS 0.8303
size [# of strips]

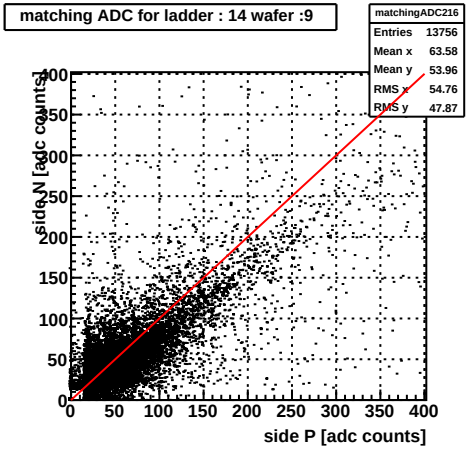

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 13437
Mean x 65.67
Mean y 61.32
RMS x 54.4
RMS y 52.42
side N [adc counts]
side P [adc counts]

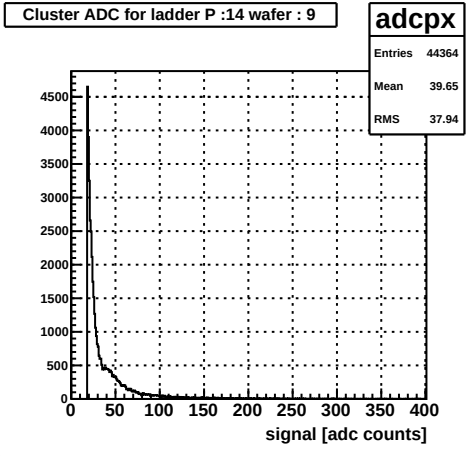

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 30233
Mean 56.72
RMS 52.75
signal [adc counts]

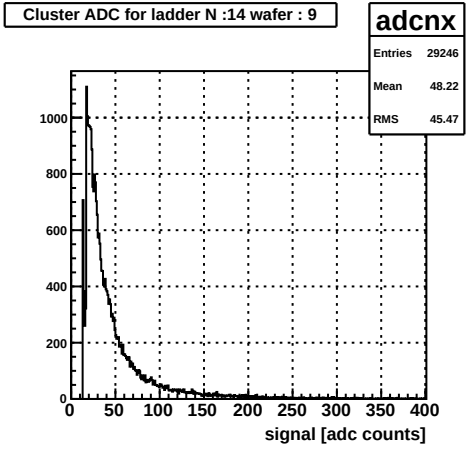

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 25372
Mean 49
RMS 47.06
signal [adc counts]

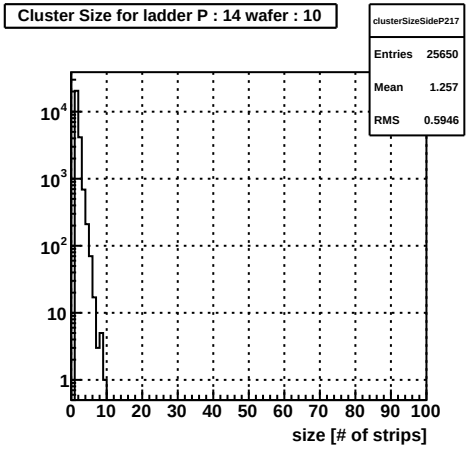

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 44364
Mean 1.166
RMS 0.4684
size [# of strips]

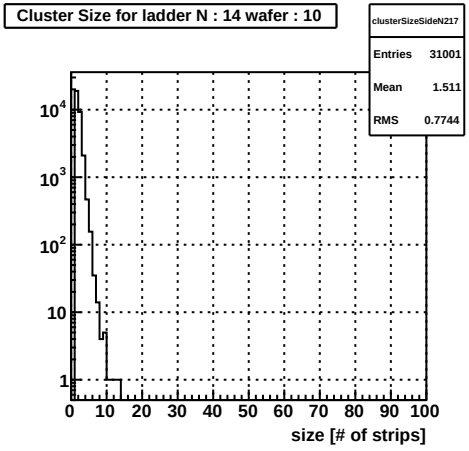

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 29246
Mean 1.383
RMS 0.7462
size [# of strips]

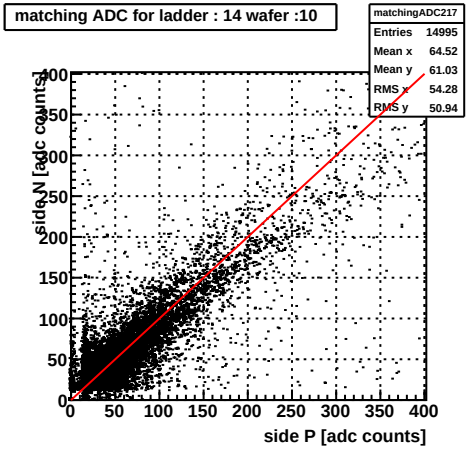

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 13756
Mean x 63.58
Mean y 53.96
RMS x 54.76
RMS y 47.87
side N [adc counts]
side P [adc counts]

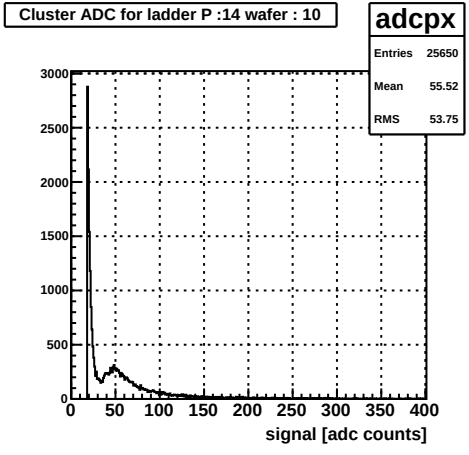

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 44364
Mean 39.65
RMS 37.94
signal [adc counts]

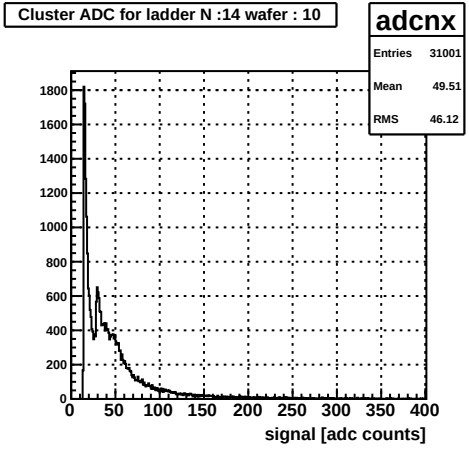

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 29246
Mean 48.22
RMS 45.47
signal [adc counts]

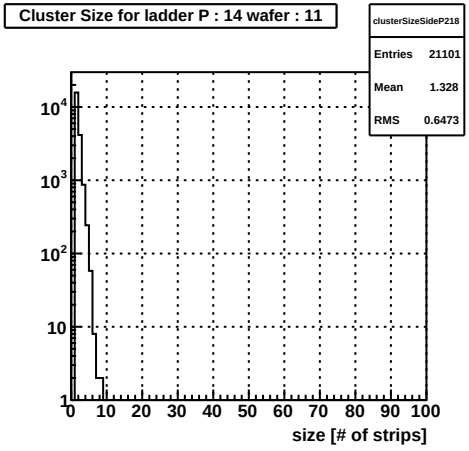

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 25650
Mean 1.257
RMS 0.5946
size [# of strips]

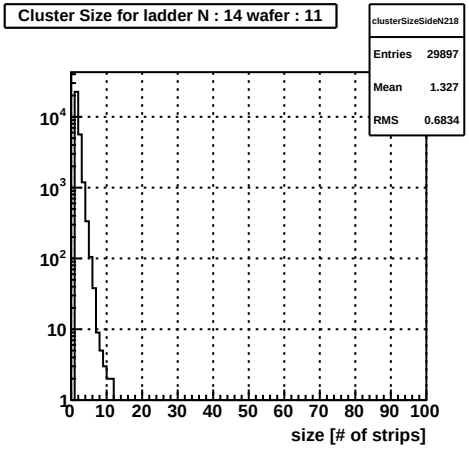

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 31001
Mean 1.511
RMS 0.7744
size [# of strips]

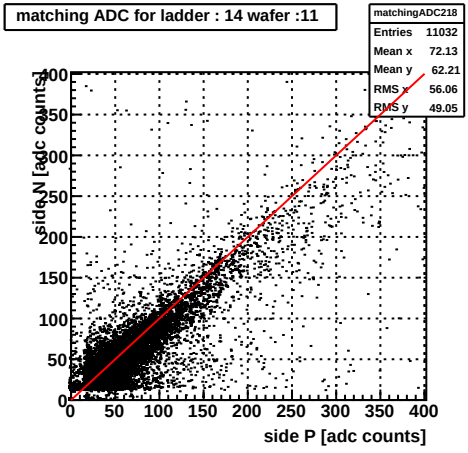

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 14995
Mean x 64.52
Mean y 61.03
RMS x 54.28
RMS y 50.94
side N [adc counts]
side P [adc counts]

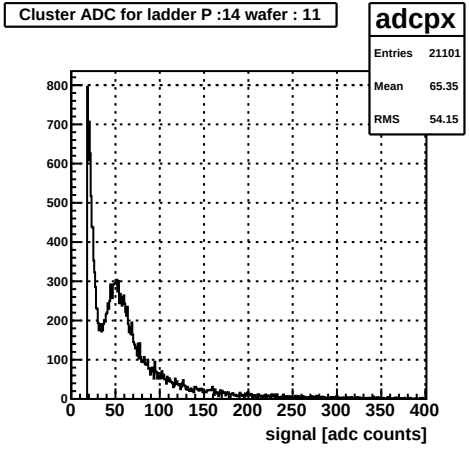

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 25650
Mean 55.52
RMS 53.75
signal [adc counts]

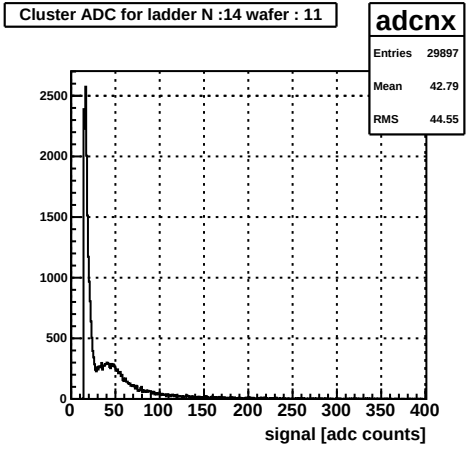

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 31001
Mean 49.51
RMS 46.12
signal [adc counts]

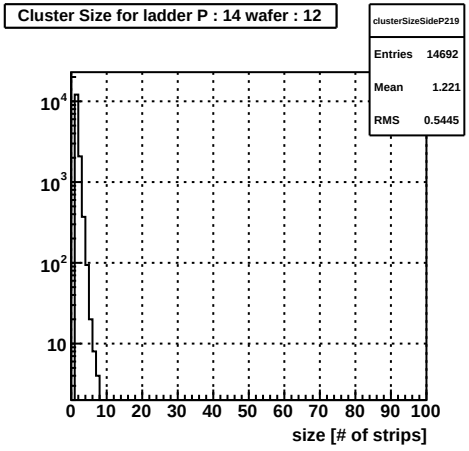

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 21101
Mean 1.328
RMS 0.6473
size [# of strips]

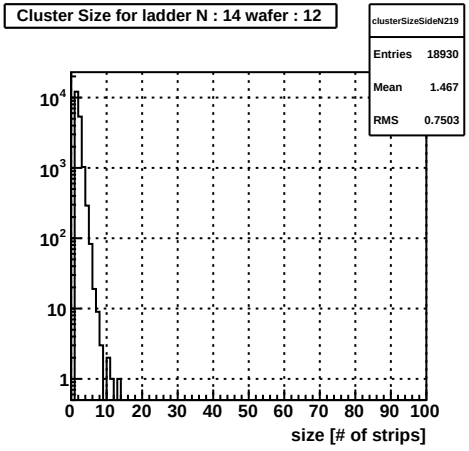

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 29897
Mean 1.327
RMS 0.6834
size [# of strips]

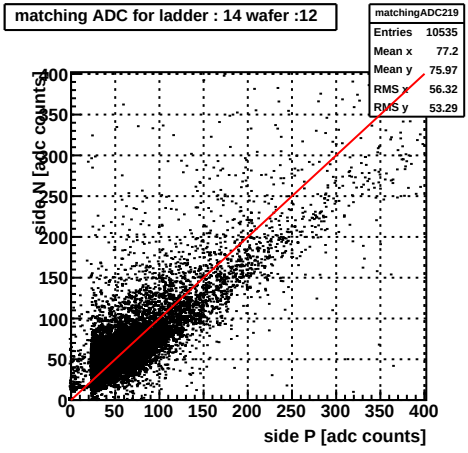

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 11032
Mean x 72.13
Mean y 62.21
RMS x 56.06
RMS y 49.05
side N [adc counts]
side P [adc counts]

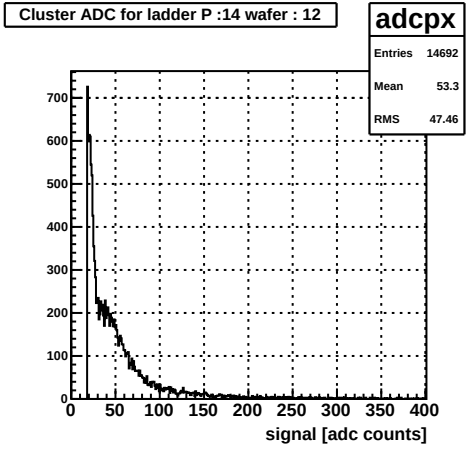

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 21101
Mean 65.35
RMS 54.15
signal [adc counts]

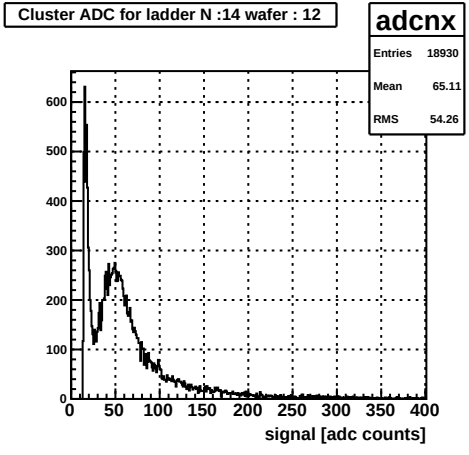

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 29897
Mean 42.79
RMS 44.55
signal [adc counts]

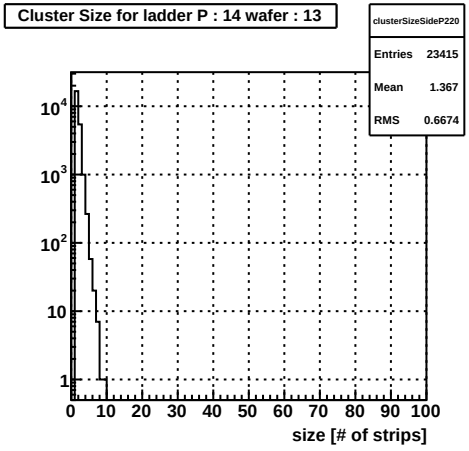

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 14692
Mean 1.221
RMS 0.5445
size [# of strips]

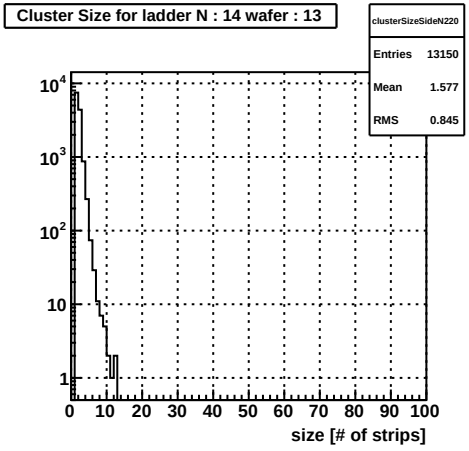

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 18930
Mean 1.467
RMS 0.7503
size [# of strips]

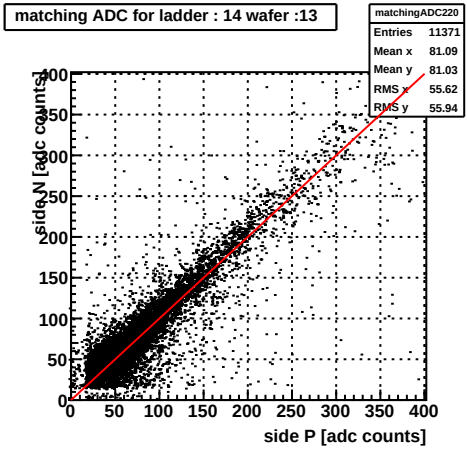

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 10535
Mean x 77.2
Mean y 75.97
RMS x 56.32
RMS y 53.29
side N [adc counts]
side P [adc counts]

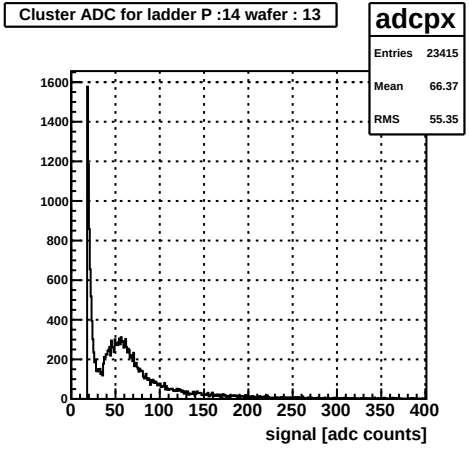

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 14692
Mean 53.3
RMS 47.46
signal [adc counts]

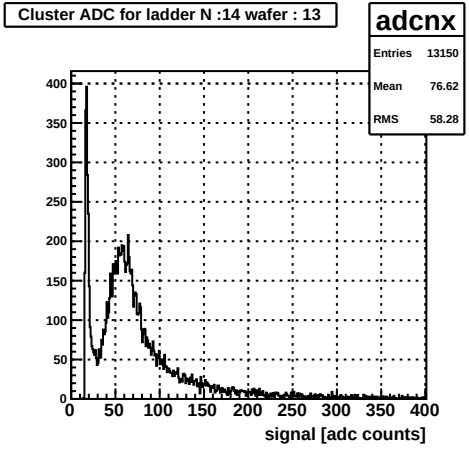

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 18930
Mean 65.11
RMS 54.26
signal [adc counts]

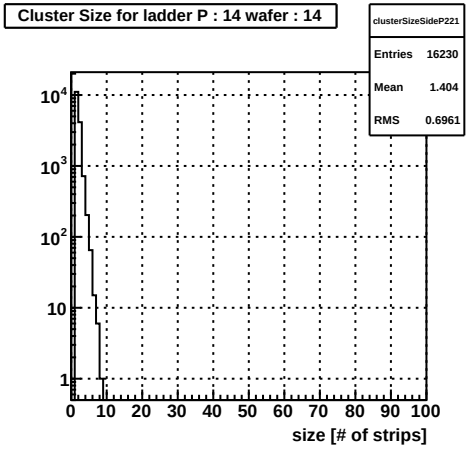

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 23415
Mean 1.367
RMS 0.6674
size [# of strips]

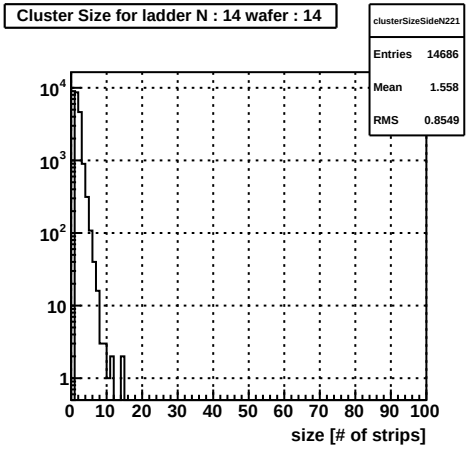

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 13150
Mean 1.577
RMS 0.845
size [# of strips]

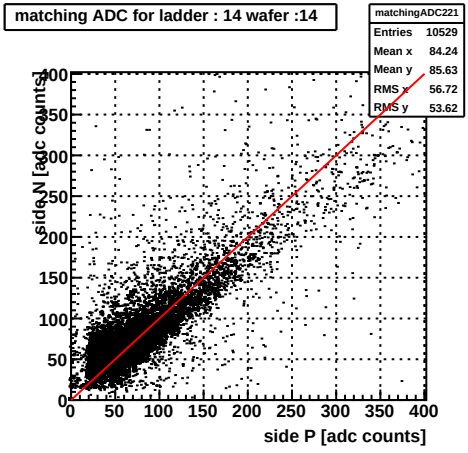

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 11371
Mean x 81.09
Mean y 81.03
RMS x 55.62
RMS y 55.94
side N [adc counts]
side P [adc counts]

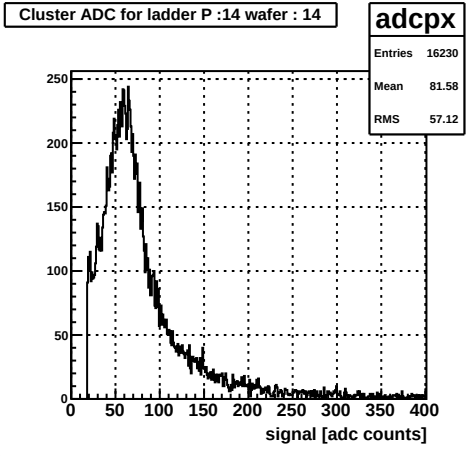

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 23415
Mean 66.37
RMS 55.35
signal [adc counts]

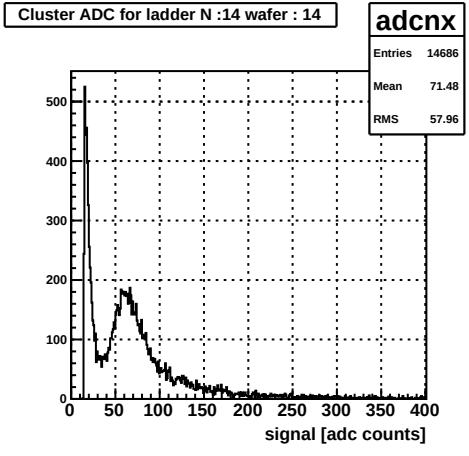

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 13150
Mean 76.62
RMS 58.28
signal [adc counts]

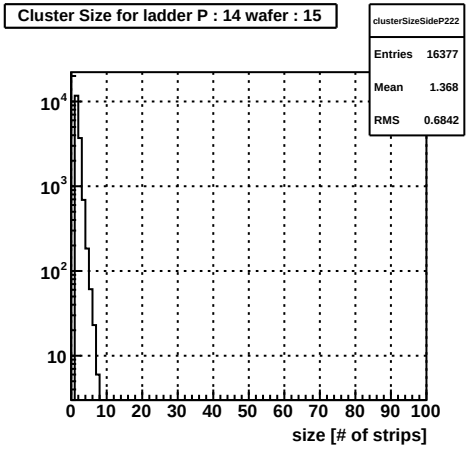

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 16230
Mean 1.404
RMS 0.6961
size [# of strips]

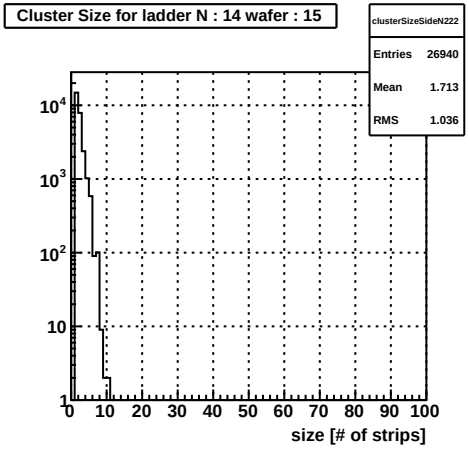

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 14686
Mean 1.558
RMS 0.8549
size [# of strips]

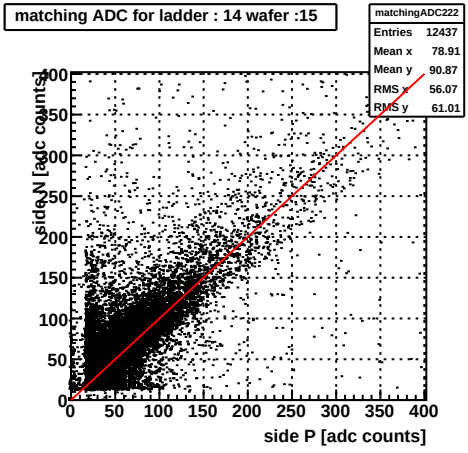

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 10529
Mean x 84.24
Mean y 85.63
RMS x 56.72
RMS y 53.62
side N [adc counts]
side P [adc counts]

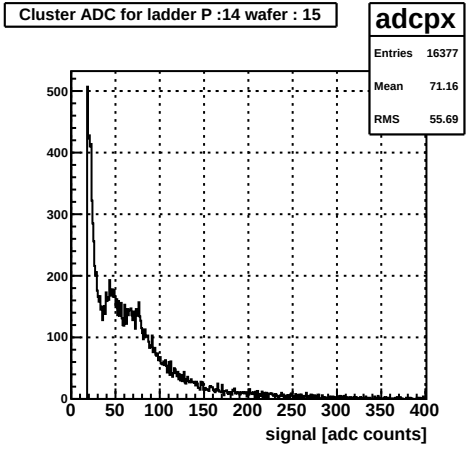

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 16230
Mean 81.58
RMS 57.12
signal [adc counts]

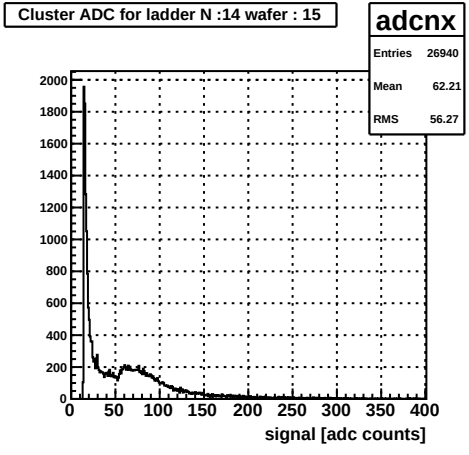

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 14686
Mean 71.48
RMS 57.96
signal [adc counts]

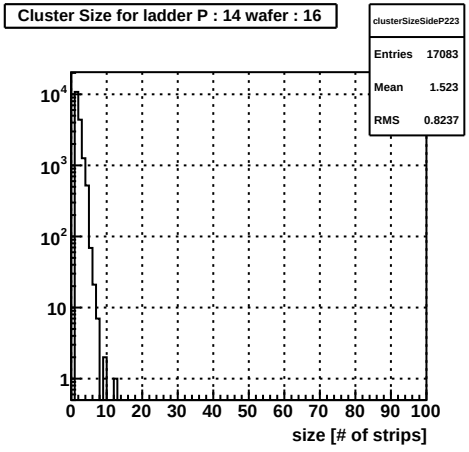

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 16377
Mean 1.368
RMS 0.6842
size [# of strips]

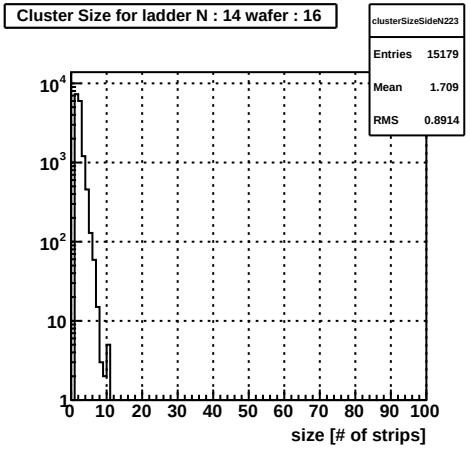

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 26940
Mean 1.713
RMS 1.036
size [# of strips]

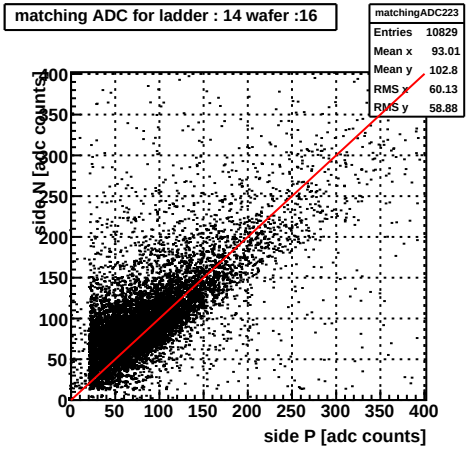

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 12437
Mean x 78.91
Mean y 90.87
RMS x 56.07
RMS y 61.01
side N [adc counts]
side P [adc counts]

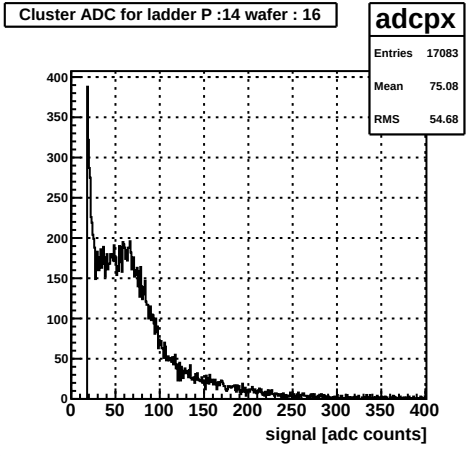

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 16377
Mean 71.16
RMS 55.69
signal [adc counts]

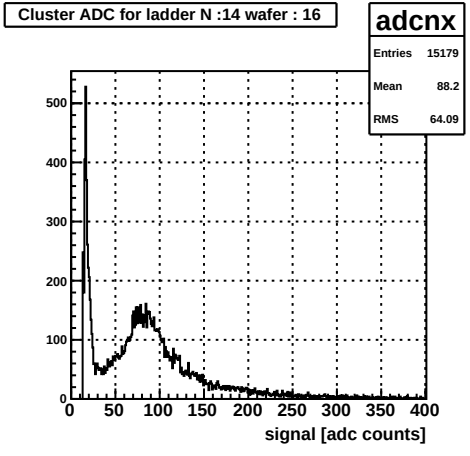

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 26940
Mean 62.21
RMS 56.27
signal [adc counts]

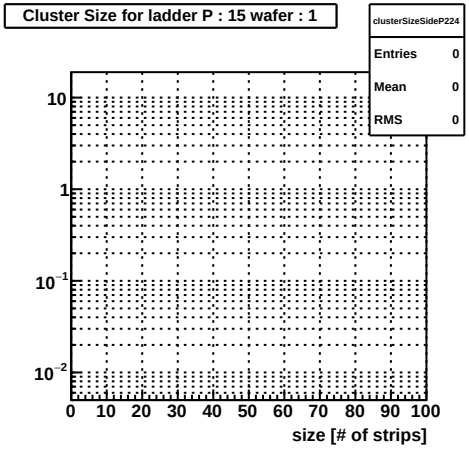

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 17083
Mean 1.523
RMS 0.8237
size [# of strips]

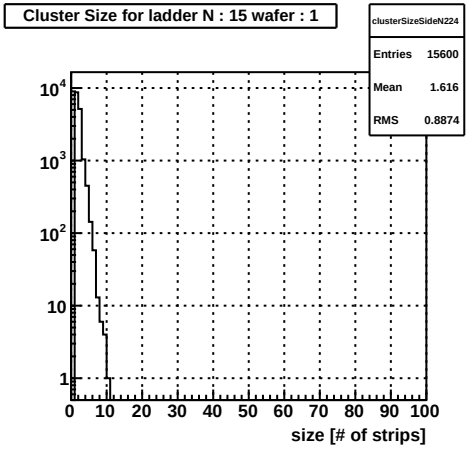

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 15179
Mean 1.709
RMS 0.8914
size [# of strips]

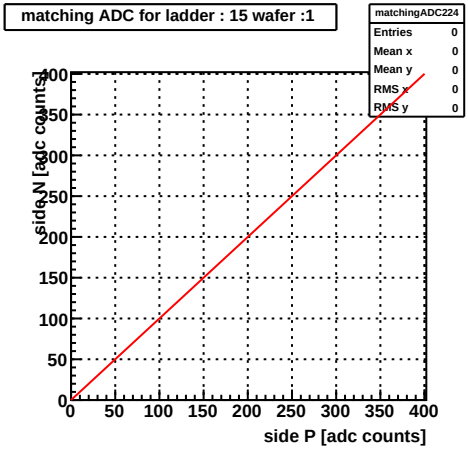

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 10829
Mean x 93.01
Mean y 102.8
RMS x 60.13
RMS y 58.88
side N [adc counts]
side P [adc counts]

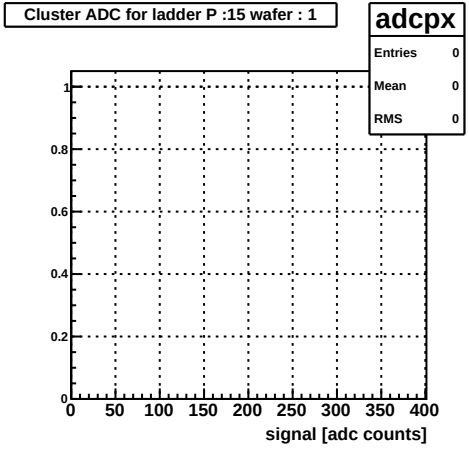

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 17083
Mean 75.08
RMS 54.68
signal [adc counts]

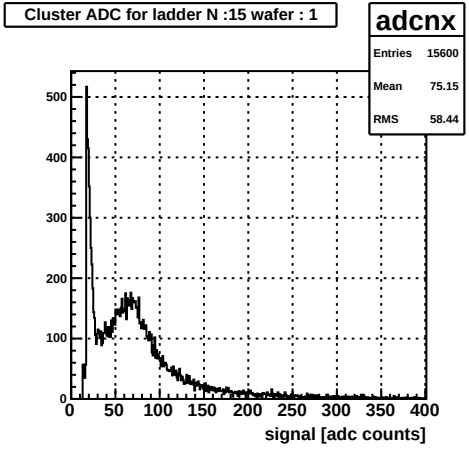

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 15179
Mean 88.2
RMS 64.09
signal [adc counts]

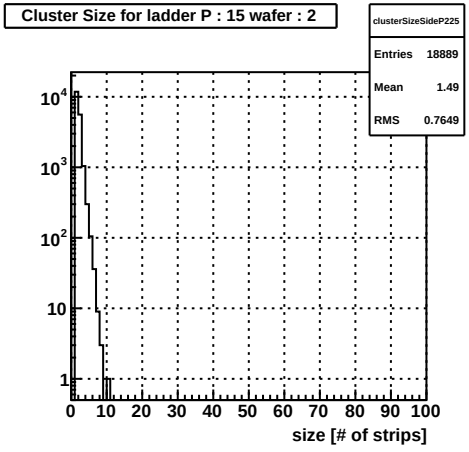

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

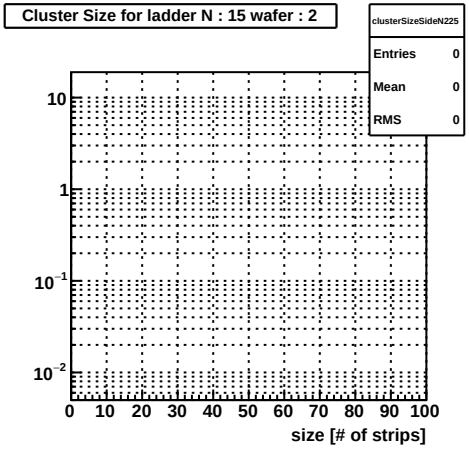

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 15600
Mean 1.616
RMS 0.8874
size [# of strips]

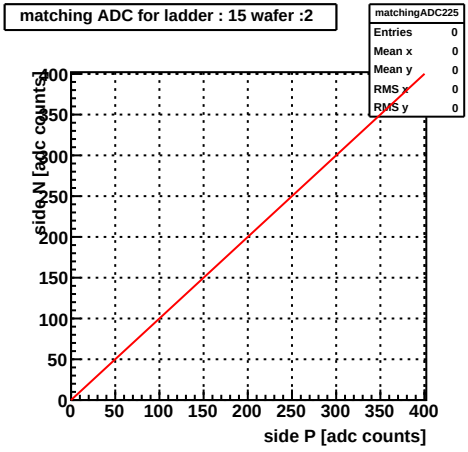

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

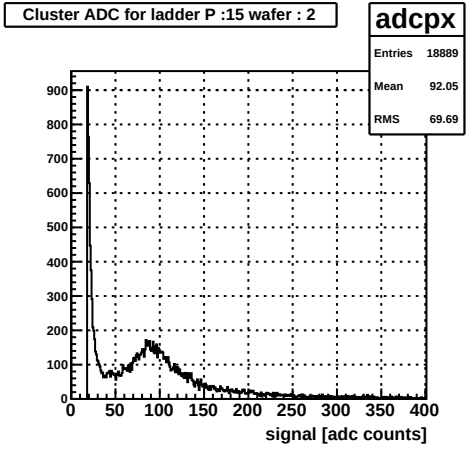

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

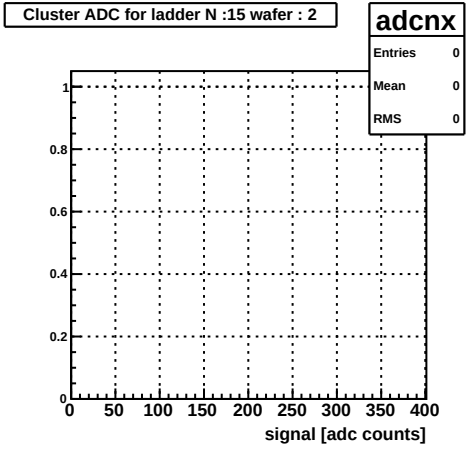

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 15600
Mean 75.15
RMS 58.44
signal [adc counts]

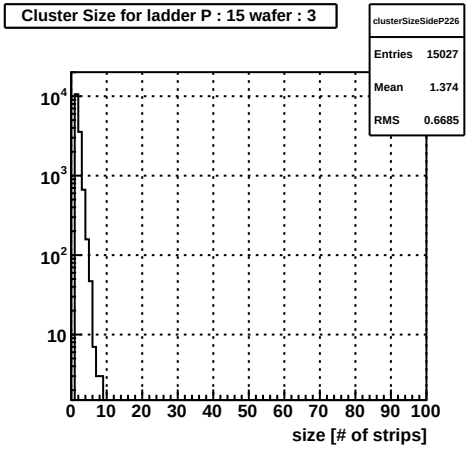

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 18889
Mean 1.49
RMS 0.7649
size [# of strips]

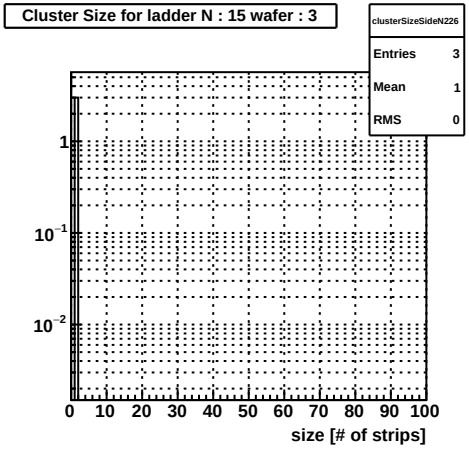

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

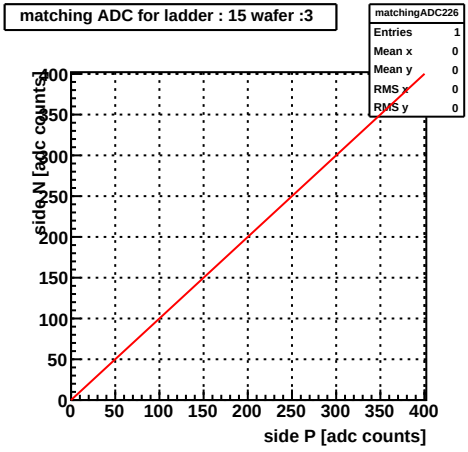

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

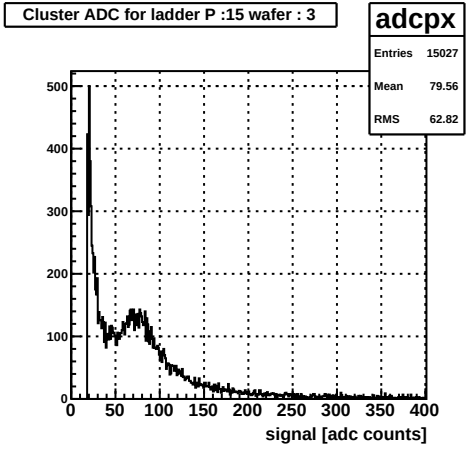

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 18889
Mean 92.05
RMS 69.69
signal [adc counts]

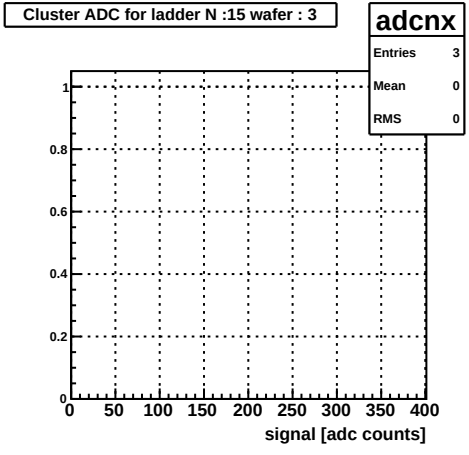

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

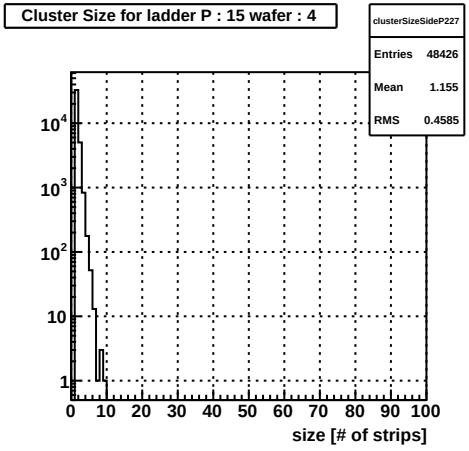

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 15027
Mean 1.374
RMS 0.6685
size [# of strips]

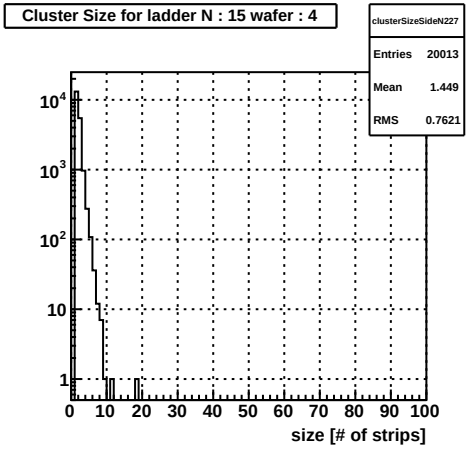

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 3
Mean 1
RMS 0
size [# of strips]

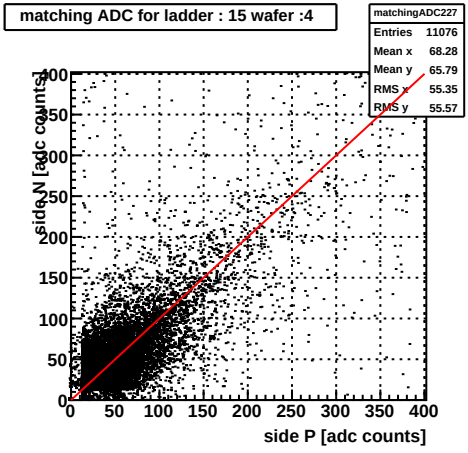

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

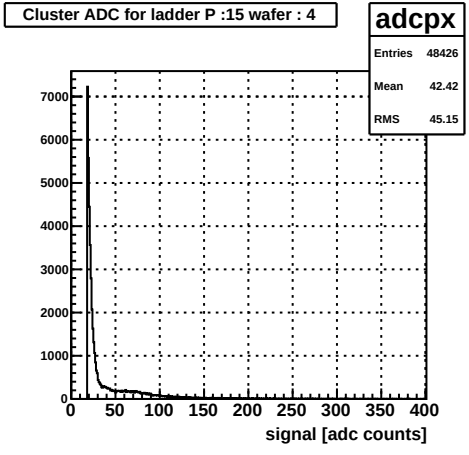

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 15027
Mean 79.56
RMS 62.82
signal [adc counts]

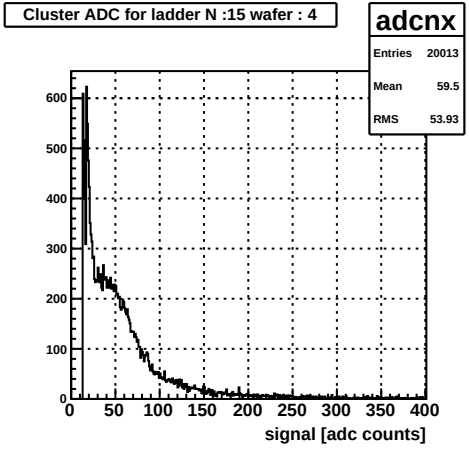

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

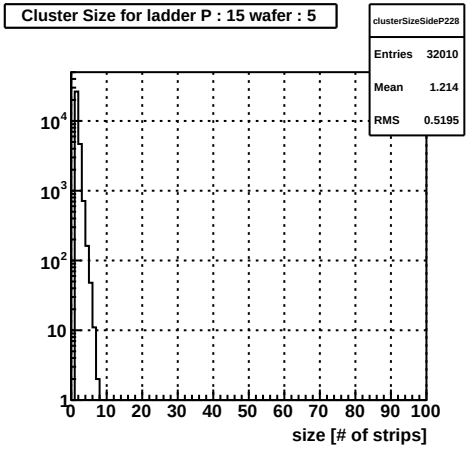

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 48426
Mean 1.155
RMS 0.4585
size [# of strips]

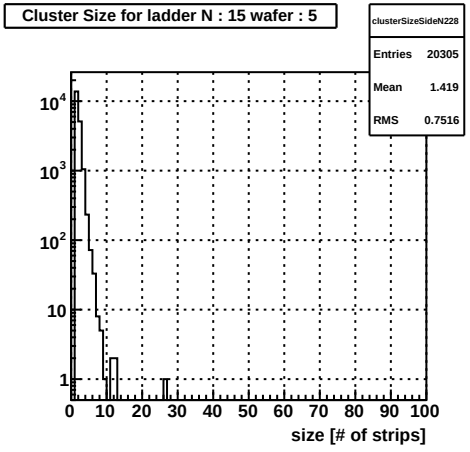

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 20013
Mean 1.449
RMS 0.7621
size [# of strips]

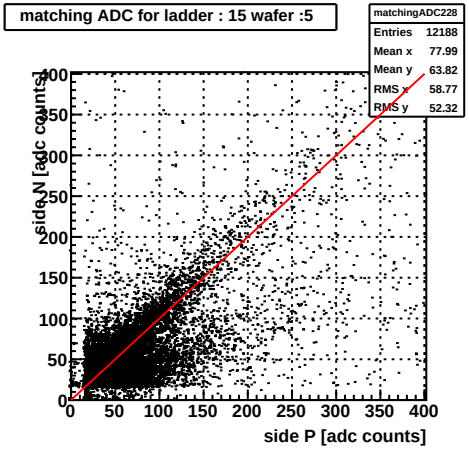

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 11076
Mean x 68.28
Mean y 65.79
RMS x 55.35
RMS y 55.57
side N [adc counts]
side P [adc counts]

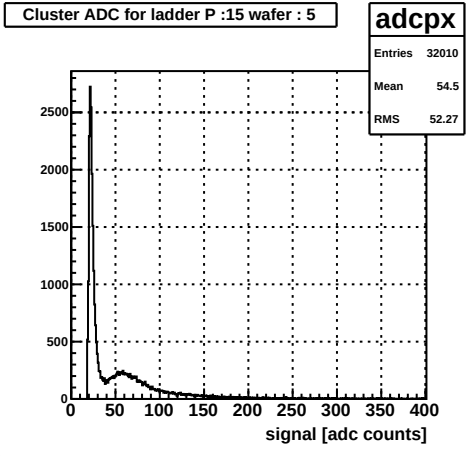

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 48426
Mean 42.42
RMS 45.15
signal [adc counts]

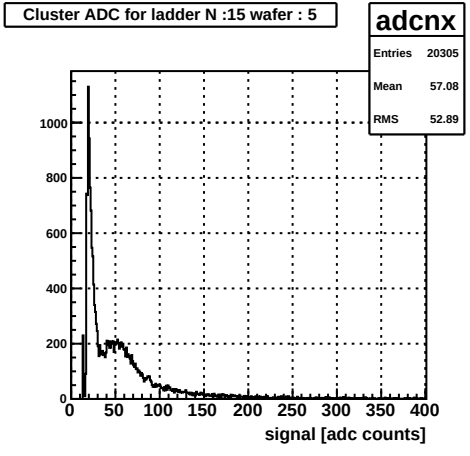

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 20013
Mean 59.5
RMS 53.93
signal [adc counts]

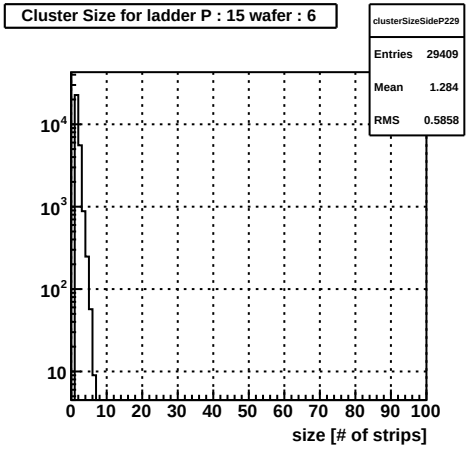

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 32010
Mean 1.214
RMS 0.5195
size [# of strips]

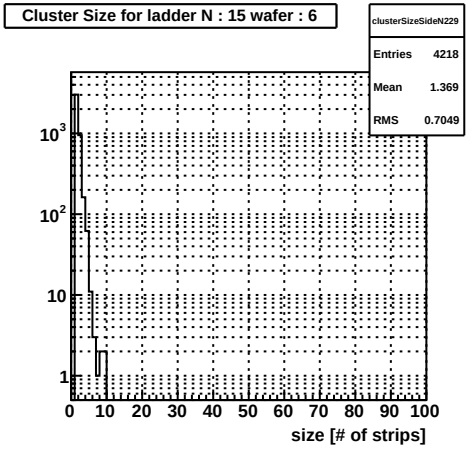

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 20305
Mean 1.419
RMS 0.7516
size [# of strips]

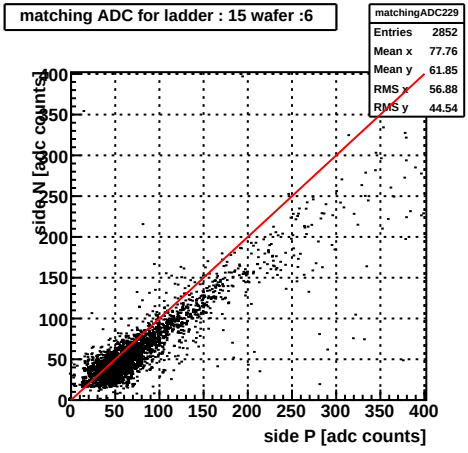

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 12188
Mean x 77.99
Mean y 63.82
RMS x 58.77
RMS y 52.32
side N [adc counts]
side P [adc counts]

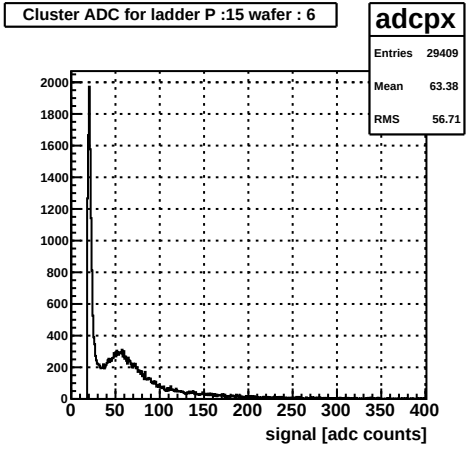

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 32010
Mean 54.5
RMS 52.27
signal [adc counts]

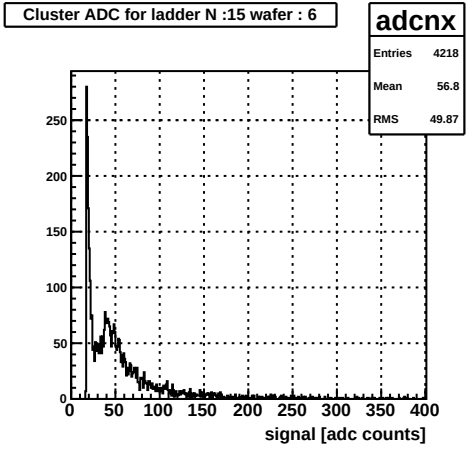

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 20305
Mean 57.08
RMS 52.89
signal [adc counts]

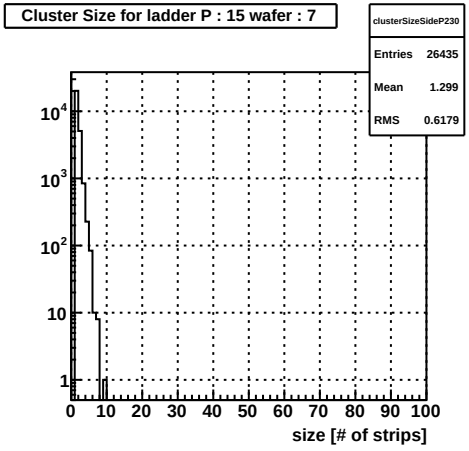

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 29409
Mean 1.284
RMS 0.5858
size [# of strips]

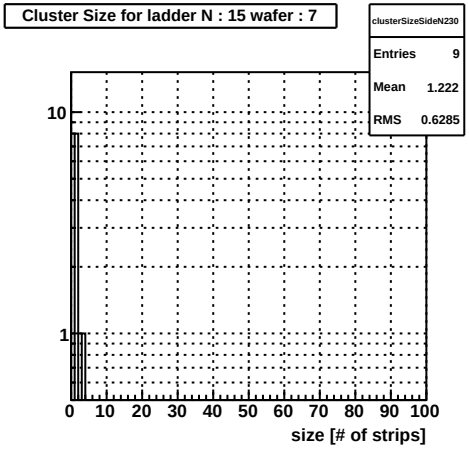

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4218
Mean 1.369
RMS 0.7049
size [# of strips]

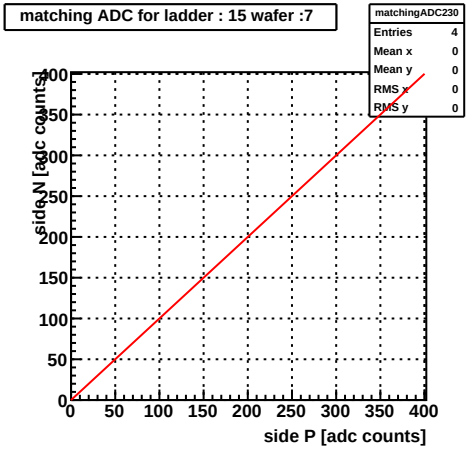

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 2852
Mean x 77.76
Mean y 61.85
RMS x 56.88
RMS y 44.54
side N [adc counts]
side P [adc counts]

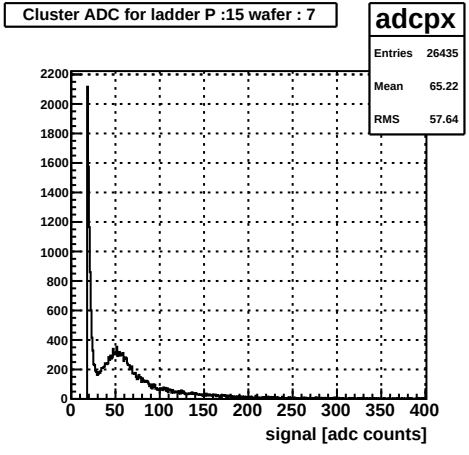

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 29409
Mean 63.38
RMS 56.71
signal [adc counts]

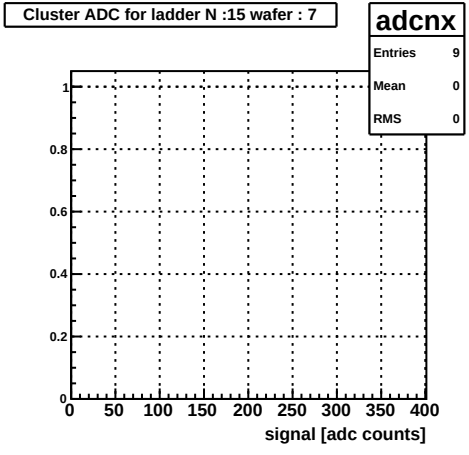

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4218
Mean 56.8
RMS 49.87
signal [adc counts]

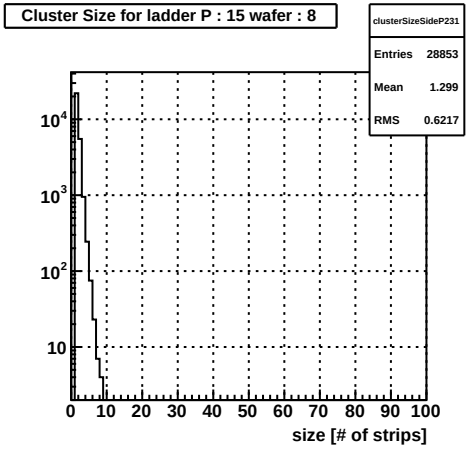

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 26435
Mean 1.299
RMS 0.6179
size [# of strips]

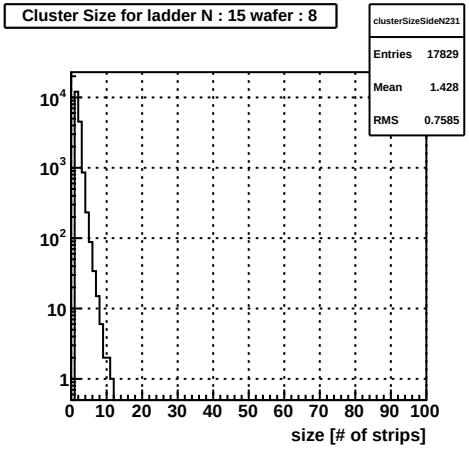

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 9
Mean 1.222
RMS 0.6285
size [# of strips]

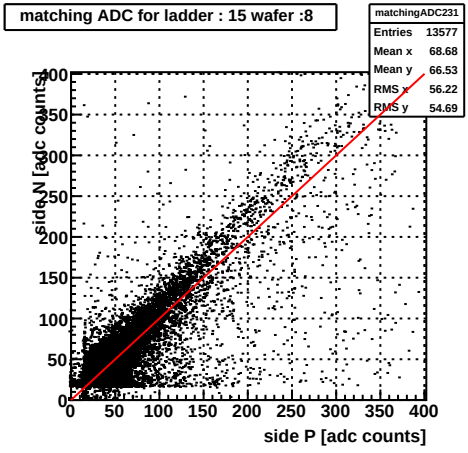

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

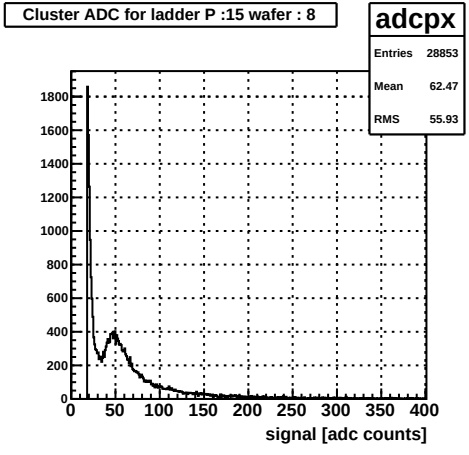

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 26435
Mean 65.22
RMS 57.64
signal [adc counts]

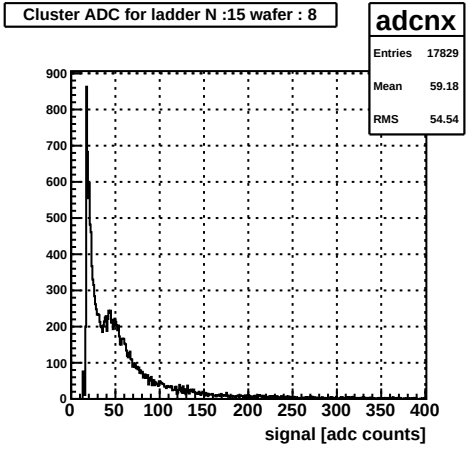

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 9
Mean 0
RMS 0
signal [adc counts]

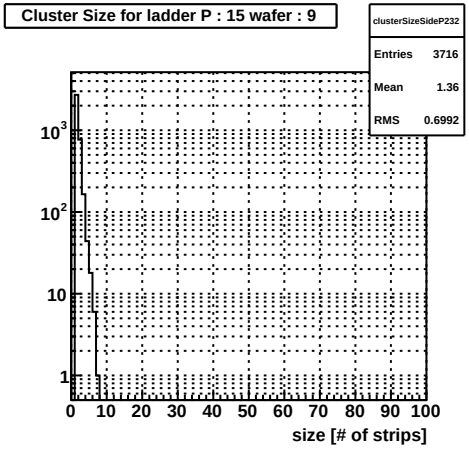

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 28853
Mean 1.299
RMS 0.6217
size [# of strips]

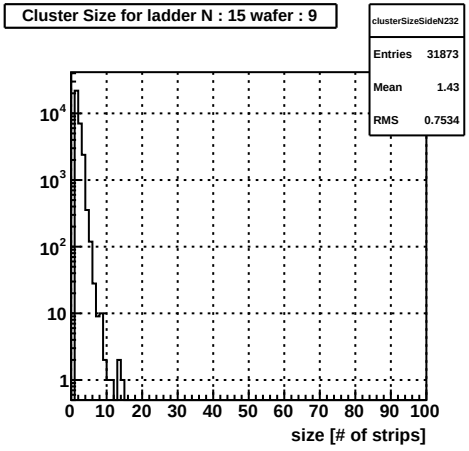

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 17829
Mean 1.428
RMS 0.7585
size [# of strips]

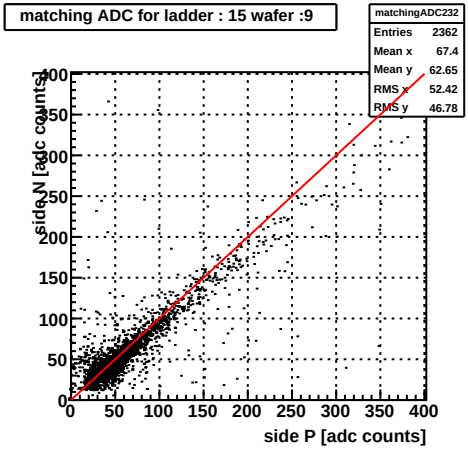

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 13577
Mean x 68.68
Mean y 66.53
RMS x 56.22
RMS y 54.69
side N [adc counts]
side P [adc counts]

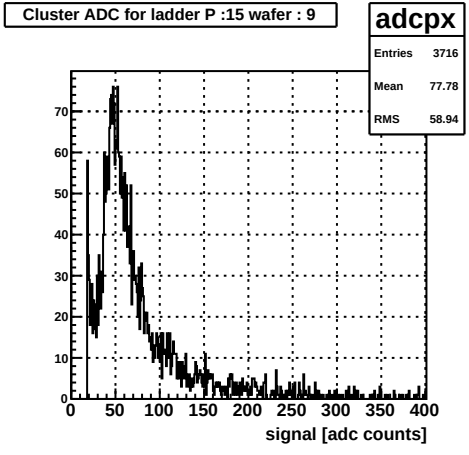

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 28853
Mean 62.47
RMS 55.93
signal [adc counts]

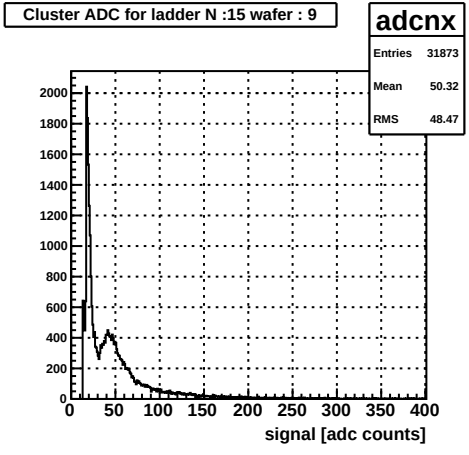

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 17829
Mean 59.18
RMS 54.54
signal [adc counts]

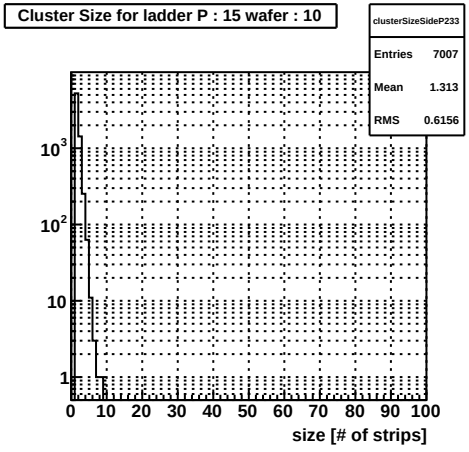

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 3716
Mean 1.36
RMS 0.6992
size [# of strips]

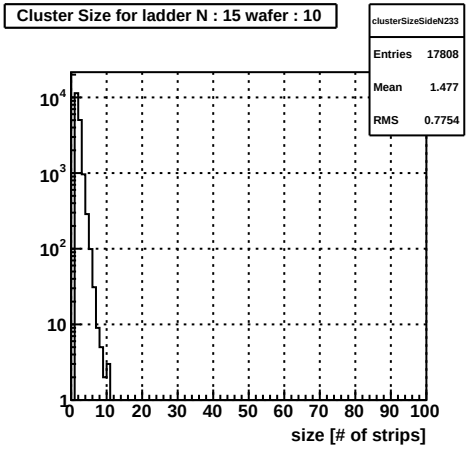

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 31873
Mean 1.43
RMS 0.7534
size [# of strips]

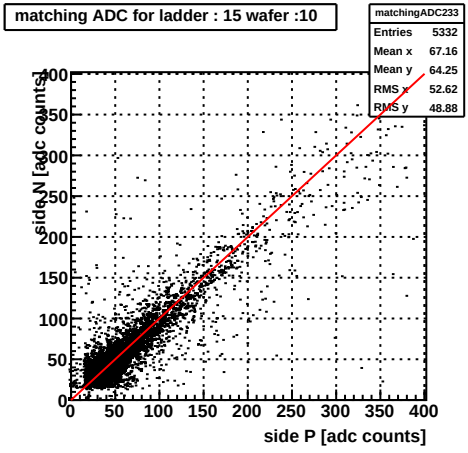

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 2362
Mean x 67.4
Mean y 62.65
RMS x 52.42
RMS y 46.78
side N [adc counts]
side P [adc counts]

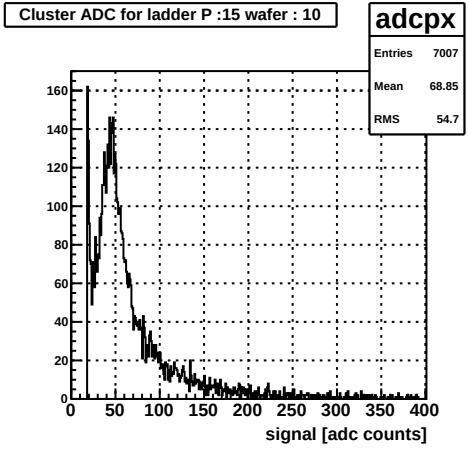

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 3716
Mean 77.78
RMS 58.94
signal [adc counts]

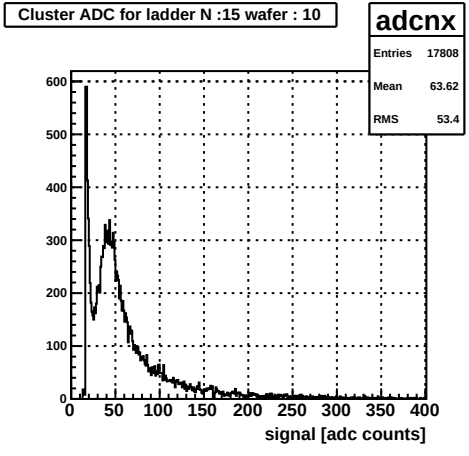

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 31873
Mean 50.32
RMS 48.47
signal [adc counts]

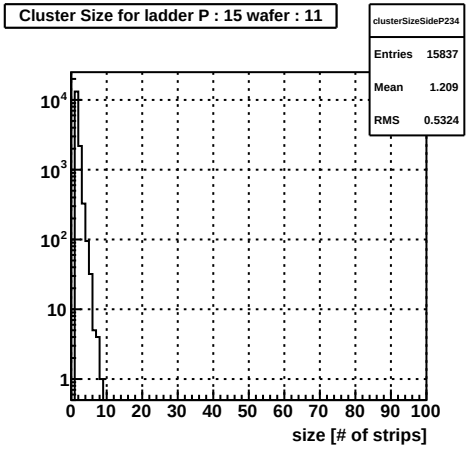

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 7007
Mean 1.313
RMS 0.6156
size [# of strips]

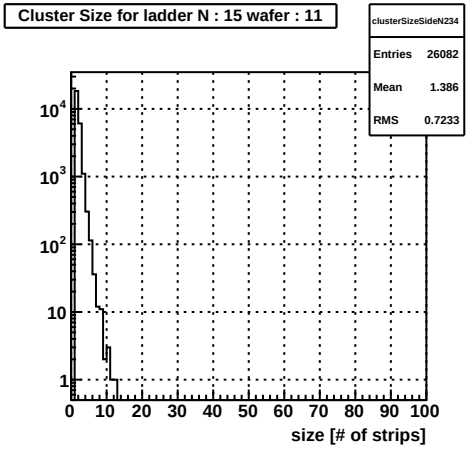

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 17808
Mean 1.477
RMS 0.7754
size [# of strips]

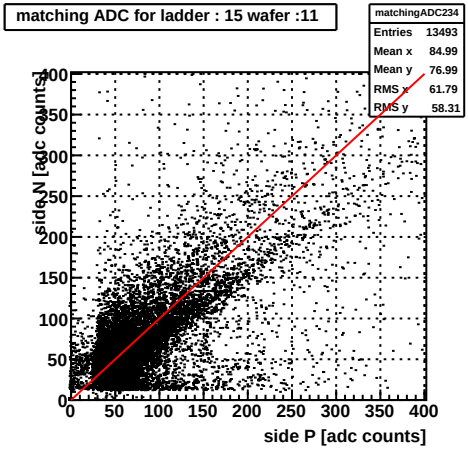

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 5332
Mean x 67.16
Mean y 64.25
RMS x 52.62
RMS y 48.88
side N [adc counts]
side P [adc counts]

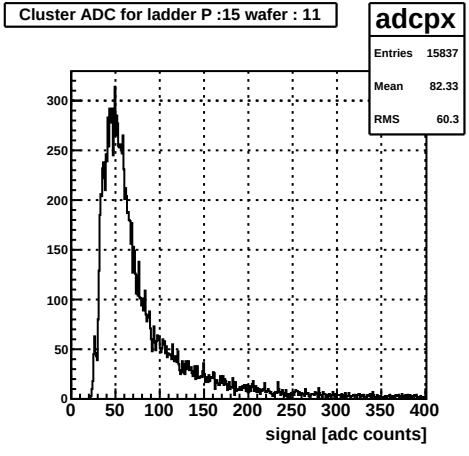

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 7007
Mean 68.85
RMS 54.7
signal [adc counts]

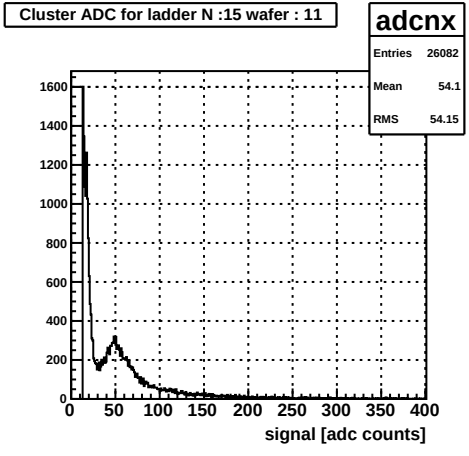

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 17808
Mean 63.62
RMS 53.4
signal [adc counts]

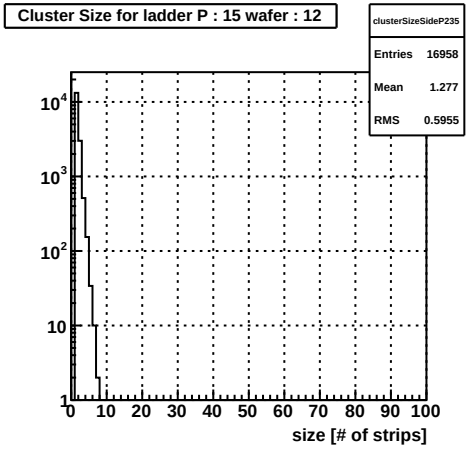

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 15837
Mean 1.209
RMS 0.5324
size [# of strips]

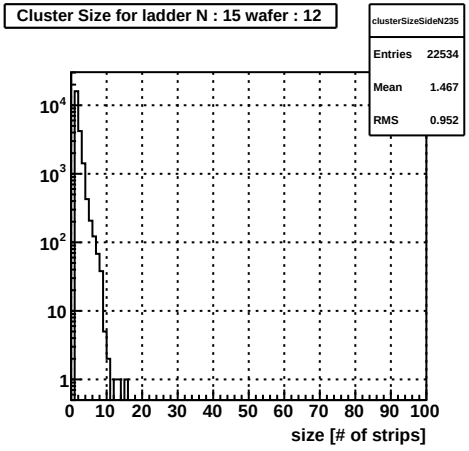

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 26082
Mean 1.386
RMS 0.7233
size [# of strips]

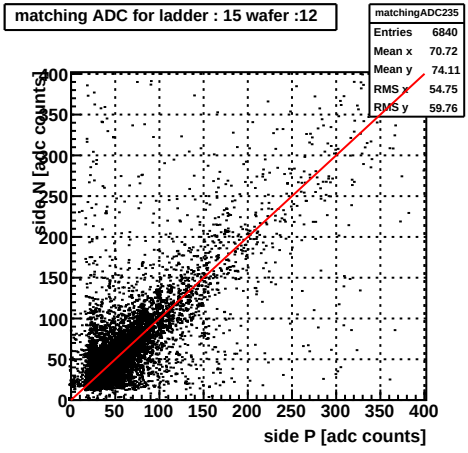

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 13493
Mean x 84.99
Mean y 76.99
RMS x 61.79
RMS y 58.31
side N [adc counts]
side P [adc counts]

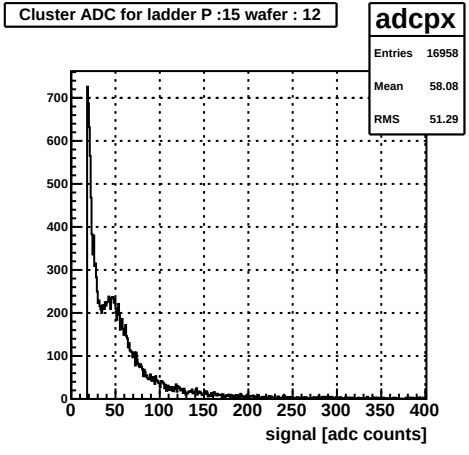

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 15837
Mean 82.33
RMS 60.3
signal [adc counts]

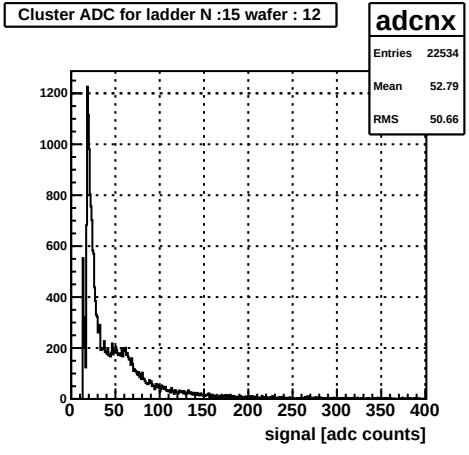

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 26082
Mean 54.1
RMS 54.15
signal [adc counts]

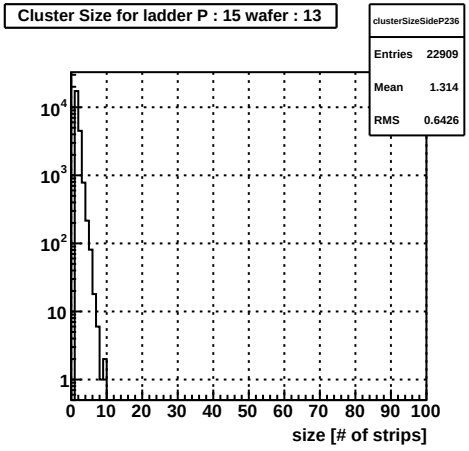

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 16958
Mean 1.277
RMS 0.5955
size [# of strips]

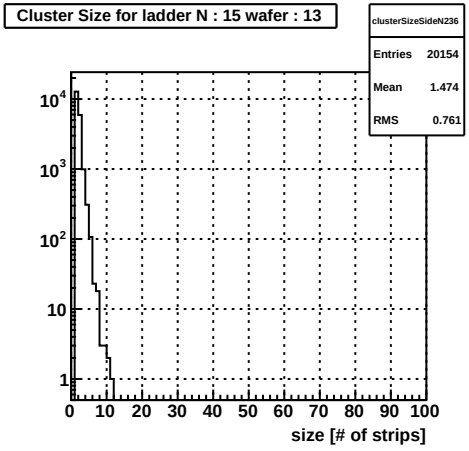

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 22534
Mean 1.467
RMS 0.952
size [# of strips]

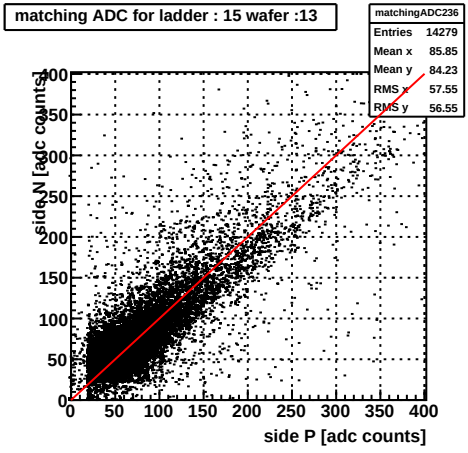

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 6840
Mean x 70.72
Mean y 74.11
RMS x 54.75
RMS y 59.76
side N [adc counts]
side P [adc counts]

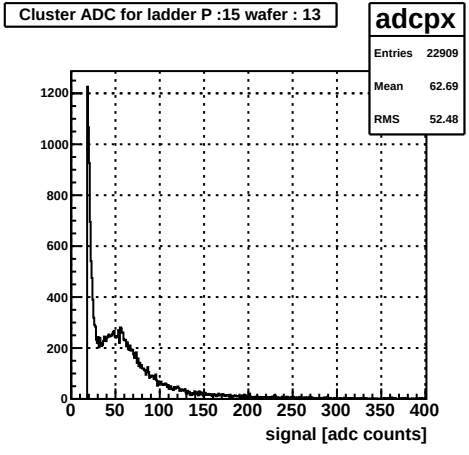

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 16958
Mean 58.08
RMS 51.29
signal [adc counts]

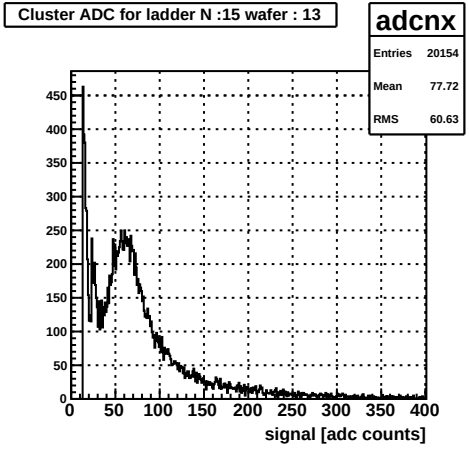

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 22534
Mean 52.79
RMS 50.66
signal [adc counts]

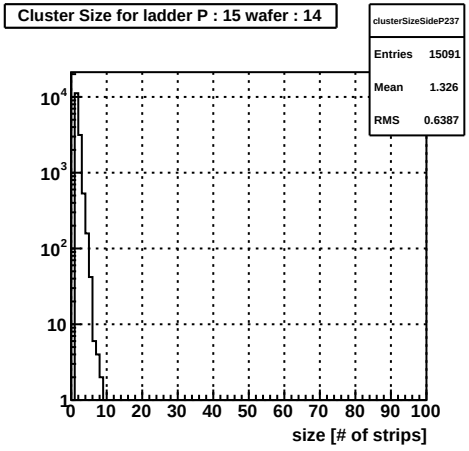

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 22909
Mean 1.314
RMS 0.6426
size [# of strips]

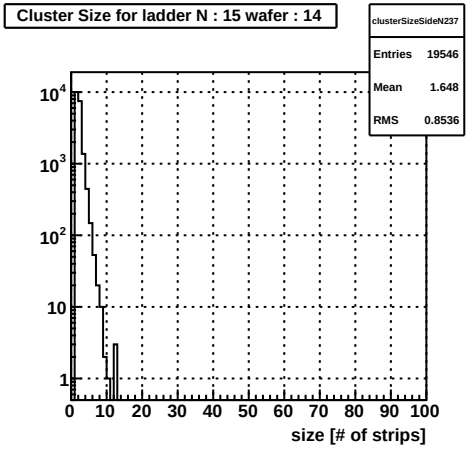

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 20154
Mean 1.474
RMS 0.761
size [# of strips]

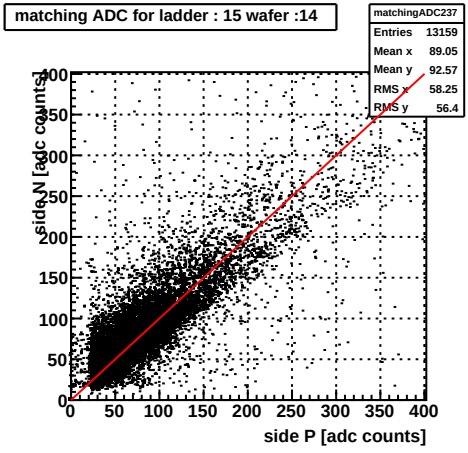

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 14279
Mean x 85.85
Mean y 84.23
RMS x 57.55
RMS y 56.55
side N [adc counts]
side P [adc counts]

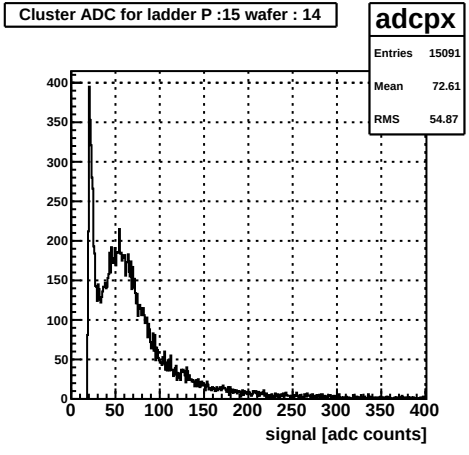

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 22909
Mean 62.69
RMS 52.48
signal [adc counts]

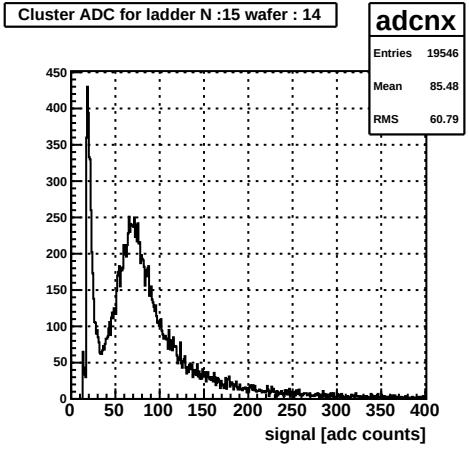

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 20154
Mean 77.72
RMS 60.63
signal [adc counts]

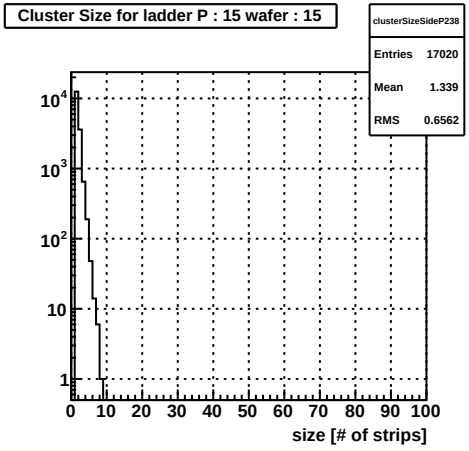

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 15091
Mean 1.326
RMS 0.6387
size [# of strips]

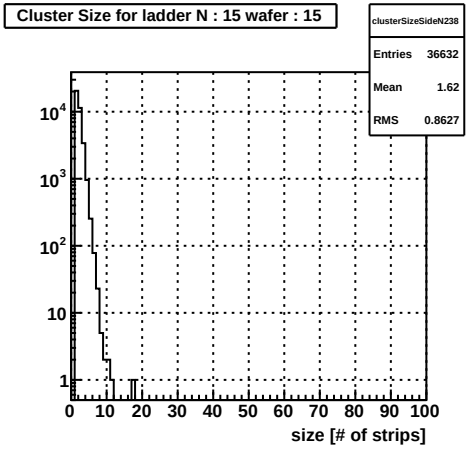

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 19546
Mean 1.648
RMS 0.8536
size [# of strips]

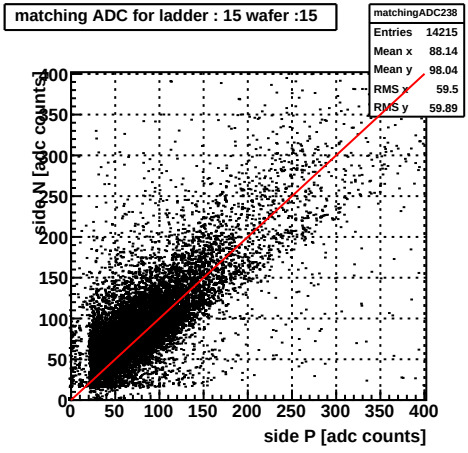

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 13159
Mean x 89.05
Mean y 92.57
RMS x 58.25
RMS y 56.4
side N [adc counts]
side P [adc counts]

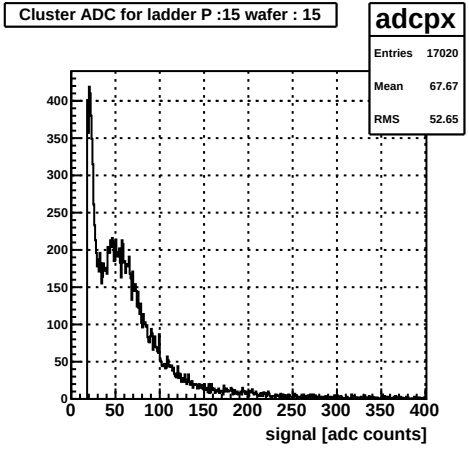

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 15091
Mean 72.61
RMS 54.87
signal [adc counts]

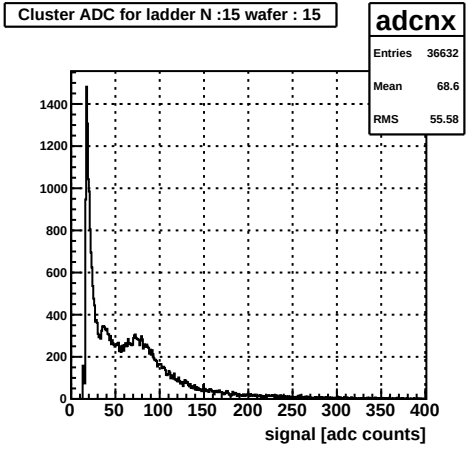

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 19546
Mean 85.48
RMS 60.79
signal [adc counts]

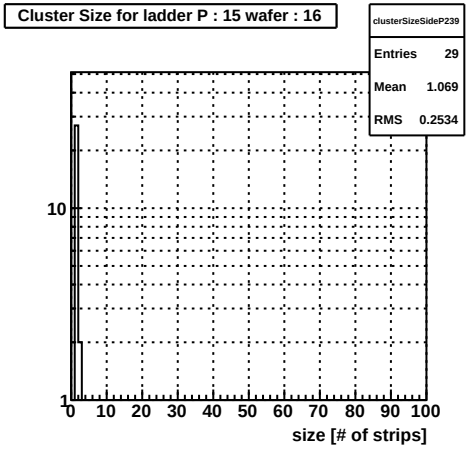

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 17020
Mean 1.339
RMS 0.6562
size [# of strips]

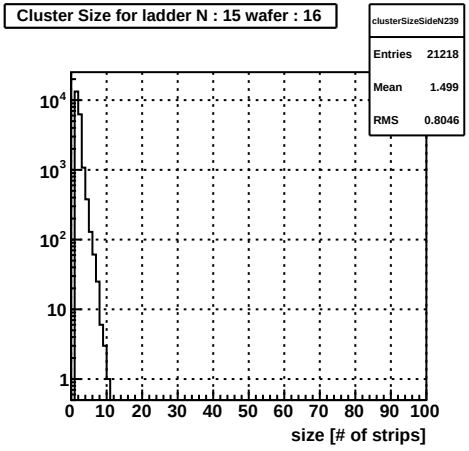

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 36632
Mean 1.62
RMS 0.8627
size [# of strips]

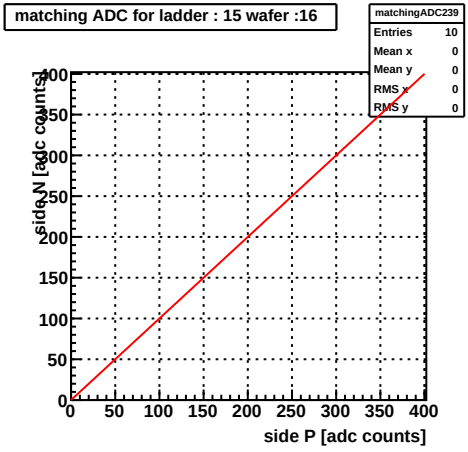

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 14215
Mean x 88.14
Mean y 98.04
RMS x 59.5
RMS y 59.89
side N [adc counts]
side P [adc counts]

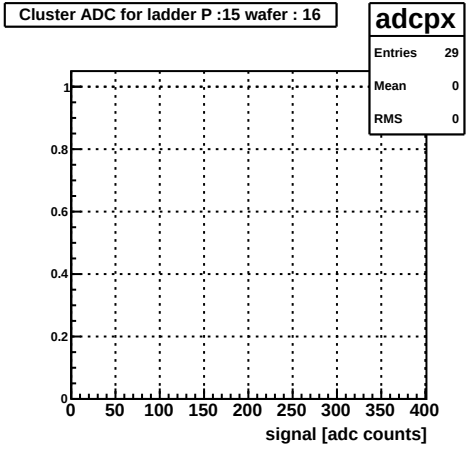

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 17020
Mean 67.67
RMS 52.65
signal [adc counts]

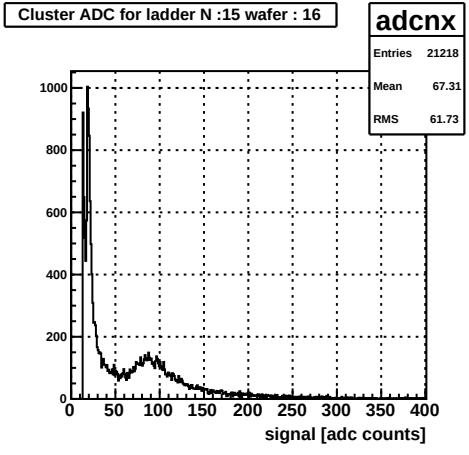

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 36632
Mean 68.6
RMS 55.58
signal [adc counts]

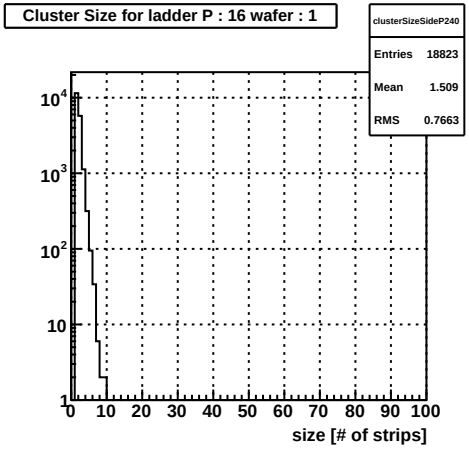

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 29
Mean 1.069
RMS 0.2534
size [# of strips]

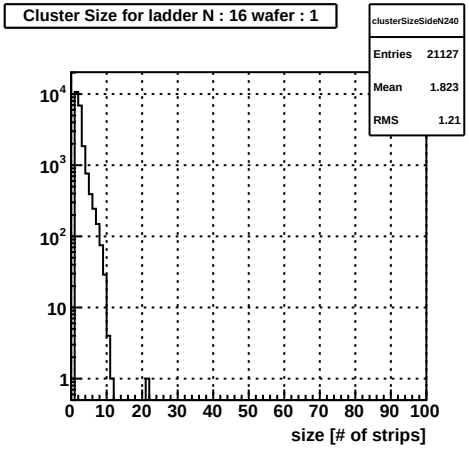

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 21218
Mean 1.499
RMS 0.8046
size [# of strips]

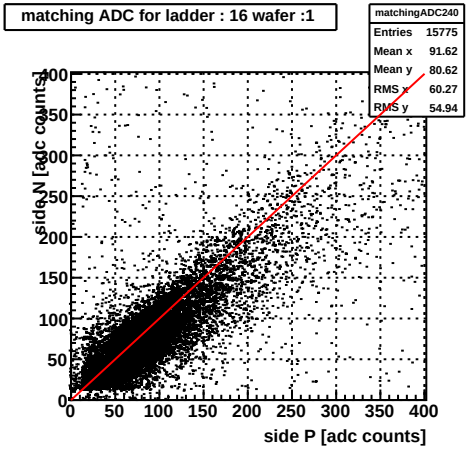

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 10
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

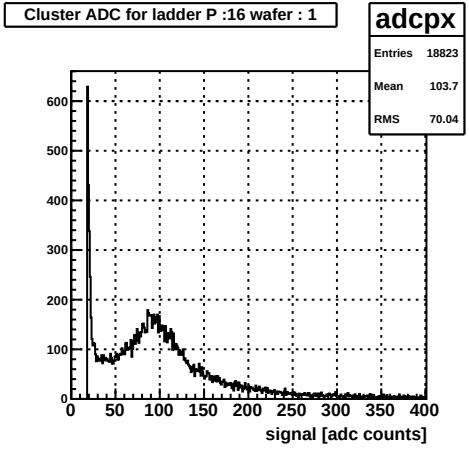

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 29
Mean 0
RMS 0
signal [adc counts]

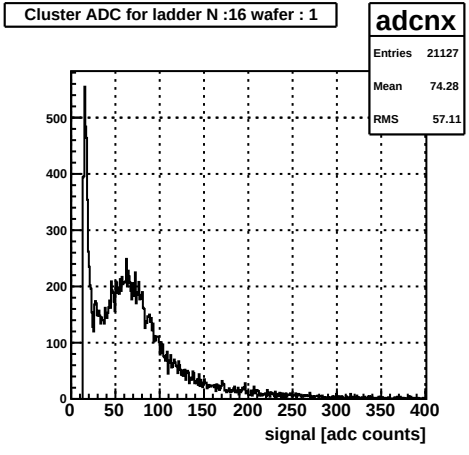

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 21218
Mean 67.31
RMS 61.73
signal [adc counts]

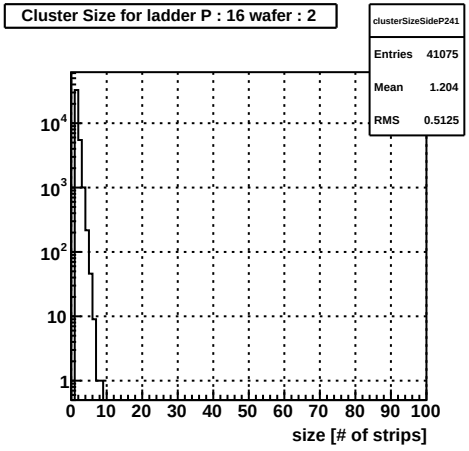

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 18823
Mean 1.509
RMS 0.7663
size [# of strips]

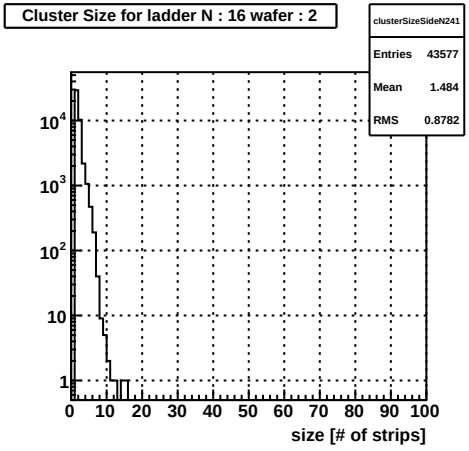

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 21127
Mean 1.823
RMS 1.21
size [# of strips]

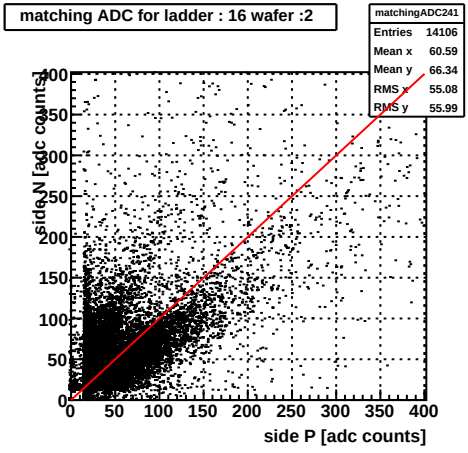

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 15775
Mean x 91.62
Mean y 80.62
RMS x 60.27
RMS y 54.94
side N [adc counts]
side P [adc counts]

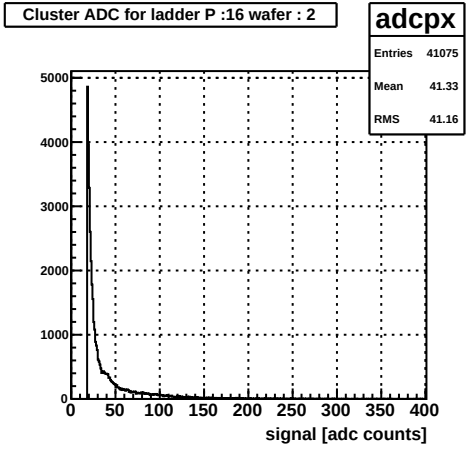

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 18823
Mean 103.7
RMS 70.04
signal [adc counts]

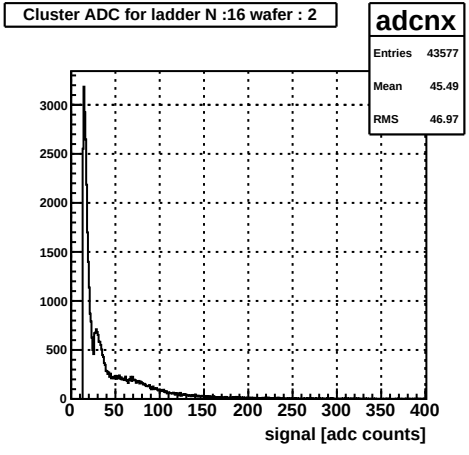

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 21127
Mean 74.28
RMS 57.11
signal [adc counts]

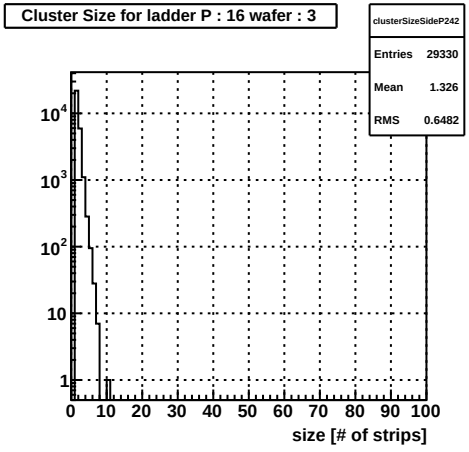

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 41075
Mean 1.204
RMS 0.5125
size [# of strips]

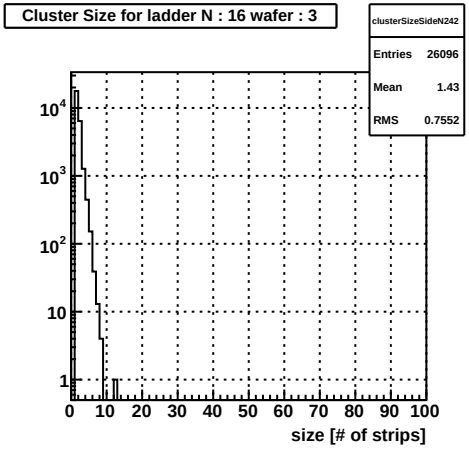

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 43577
Mean 1.484
RMS 0.8782
size [# of strips]

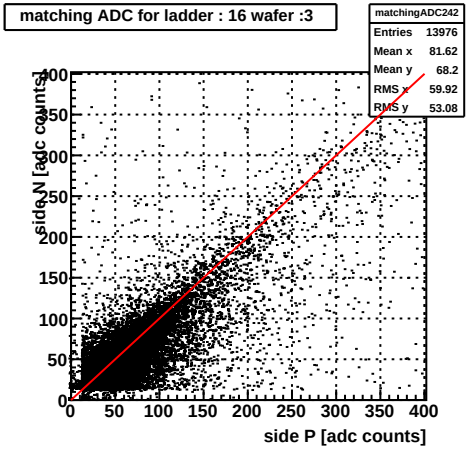

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 14106
Mean x 60.59
Mean y 66.34
RMS x 55.08
RMS y 55.99
side N [adc counts]
side P [adc counts]

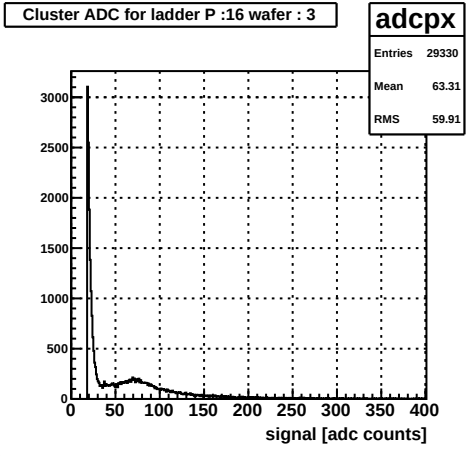

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 41075
Mean 41.33
RMS 41.16
signal [adc counts]

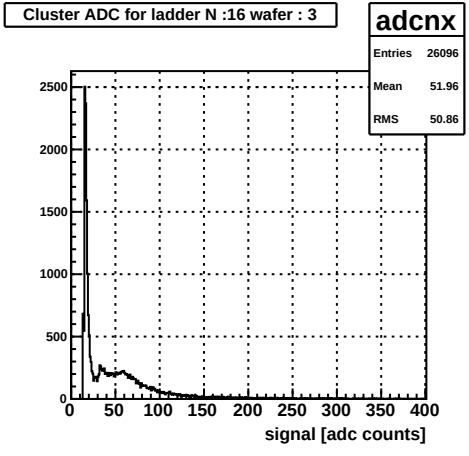

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 43577
Mean 45.49
RMS 46.97
signal [adc counts]

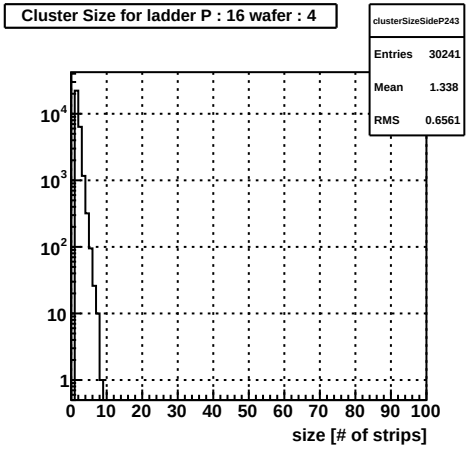

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 29330
Mean 1.326
RMS 0.6482
size [# of strips]

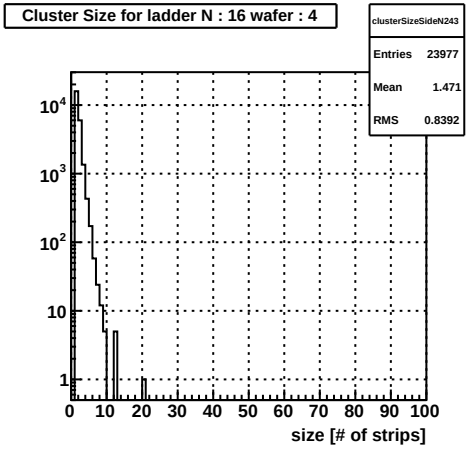

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 26096
Mean 1.43
RMS 0.7552
size [# of strips]

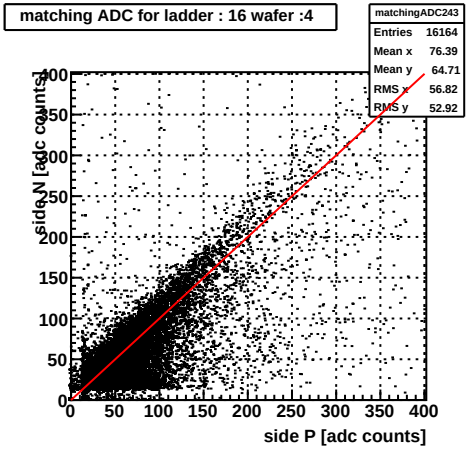

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 13976
Mean x 81.62
Mean y 68.2
RMS x 59.92
RMS y 53.08
side N [adc counts]
side P [adc counts]

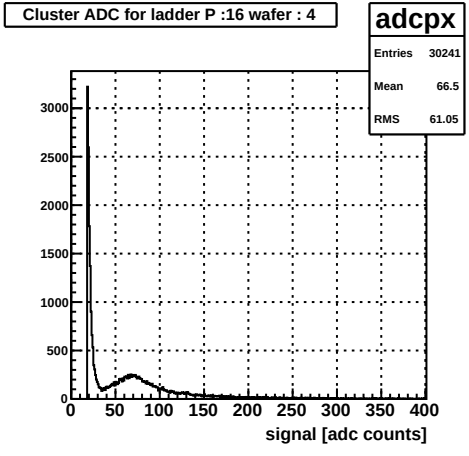

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 29330
Mean 63.31
RMS 59.91
signal [adc counts]

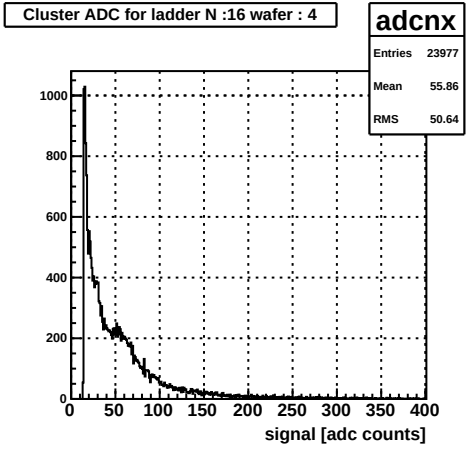

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 26096
Mean 51.96
RMS 50.86
signal [adc counts]

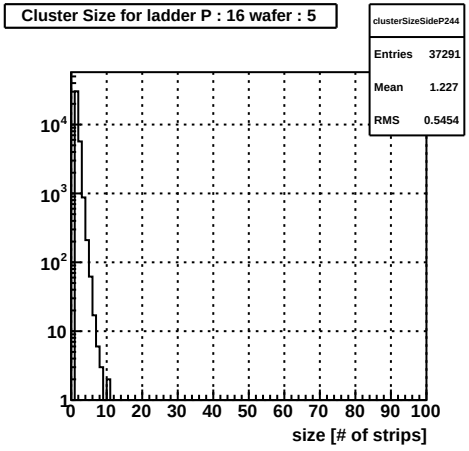

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 30241
Mean 1.338
RMS 0.6561
size [# of strips]

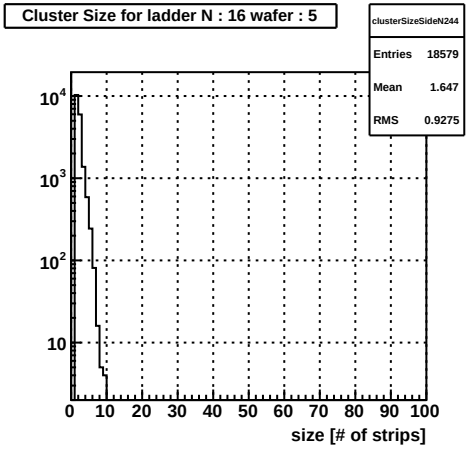

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 23977
Mean 1.471
RMS 0.8392
size [# of strips]

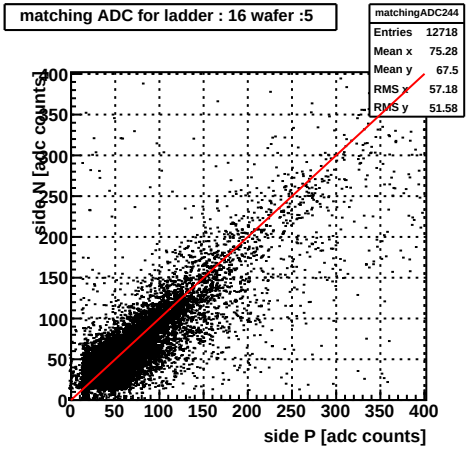

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 16164
Mean x 76.39
Mean y 64.71
RMS x 56.82
RMS y 52.92
side N [adc counts]
side P [adc counts]

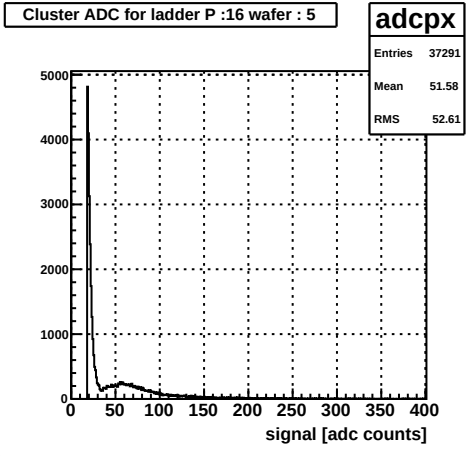

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 30241
Mean 66.5
RMS 61.05
signal [adc counts]

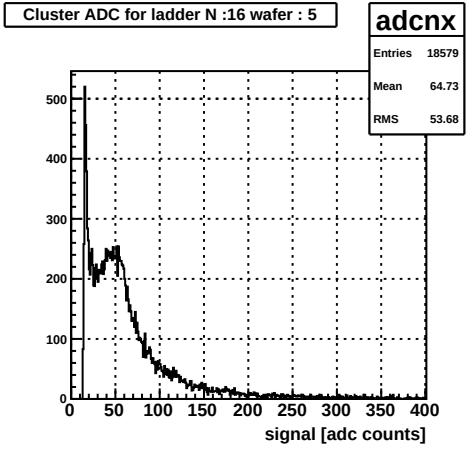

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 23977
Mean 55.86
RMS 50.64
signal [adc counts]

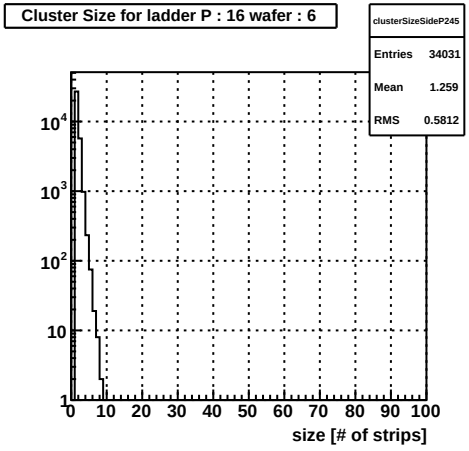

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 37291
Mean 1.227
RMS 0.5454
size [# of strips]

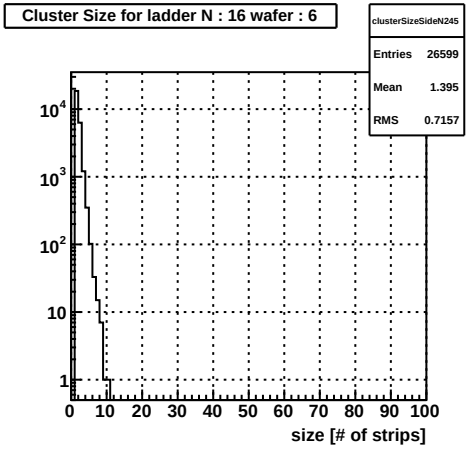

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 18579
Mean 1.647
RMS 0.9275
size [# of strips]

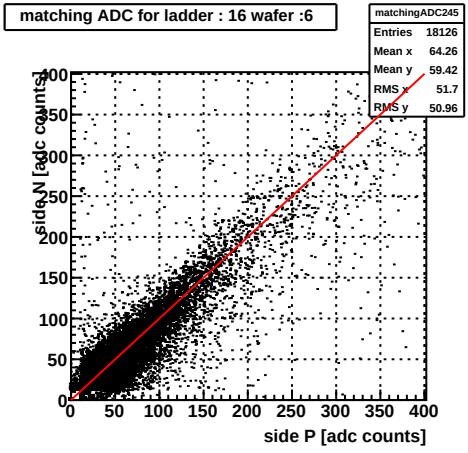

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 12718
Mean x 75.28
Mean y 67.5
RMS x 57.18
RMS y 51.58
side N [adc counts]
side P [adc counts]

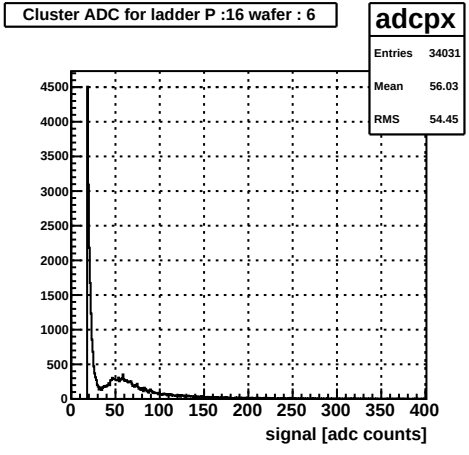

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 37291
Mean 51.58
RMS 52.61
signal [adc counts]

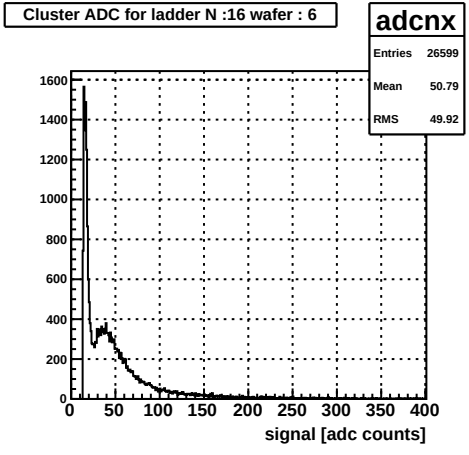

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 18579
Mean 64.73
RMS 53.68
signal [adc counts]

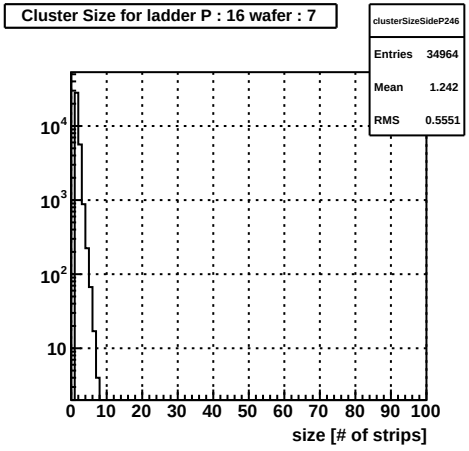

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 34031
Mean 1.259
RMS 0.5812
size [# of strips]

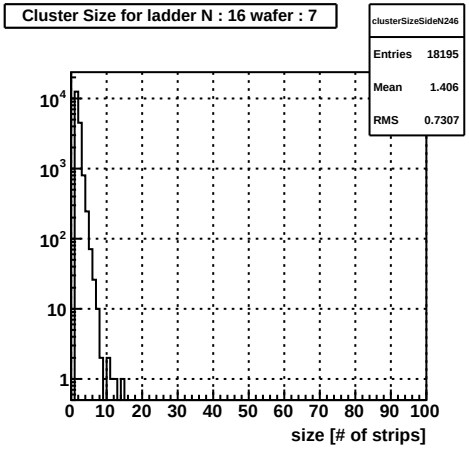

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 26599
Mean 1.395
RMS 0.7157
size [# of strips]

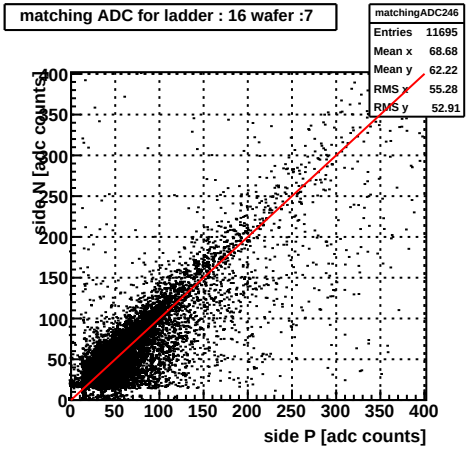

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 18126
Mean x 64.26
Mean y 59.42
RMS x 51.7
RMS y 50.96
side N [adc counts]
side P [adc counts]

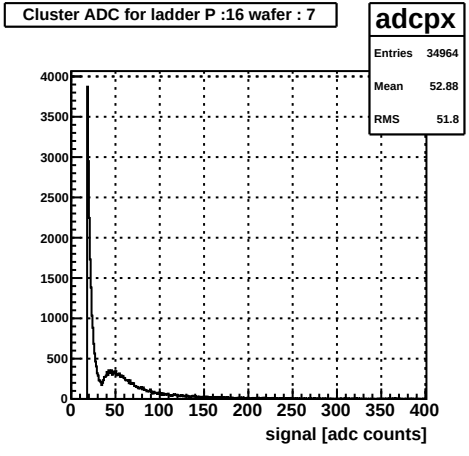

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 34031
Mean 56.03
RMS 54.45
signal [adc counts]

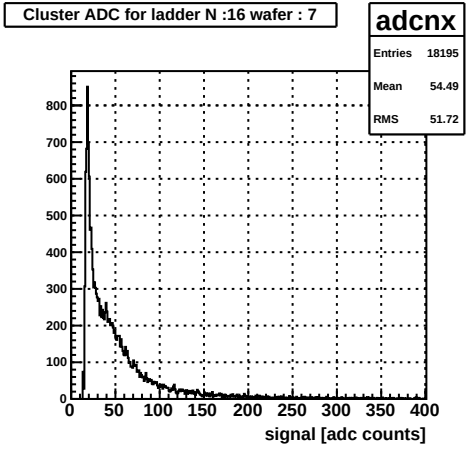

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 26599
Mean 50.79
RMS 49.92
signal [adc counts]

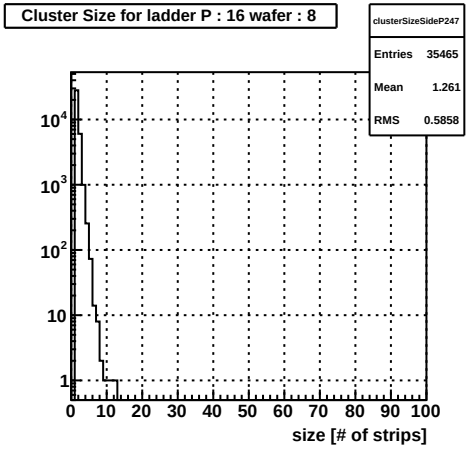

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 34964
Mean 1.242
RMS 0.5551
size [# of strips]

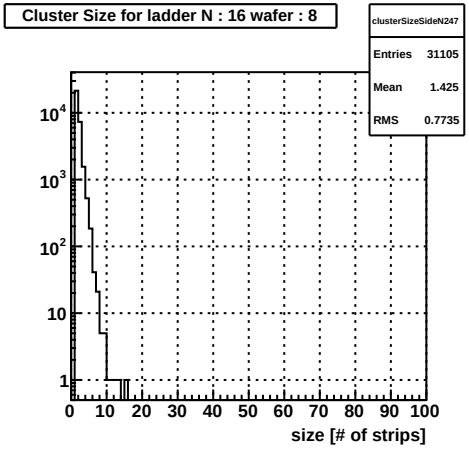

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 18195
Mean 1.406
RMS 0.7307
size [# of strips]

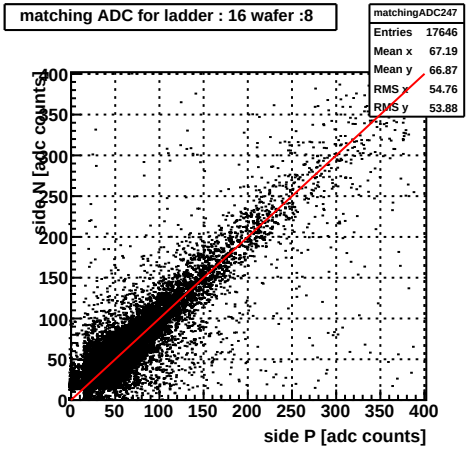

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 11695
Mean x 68.68
Mean y 62.22
RMS x 55.28
RMS y 52.91
side N [adc counts]
side P [adc counts]

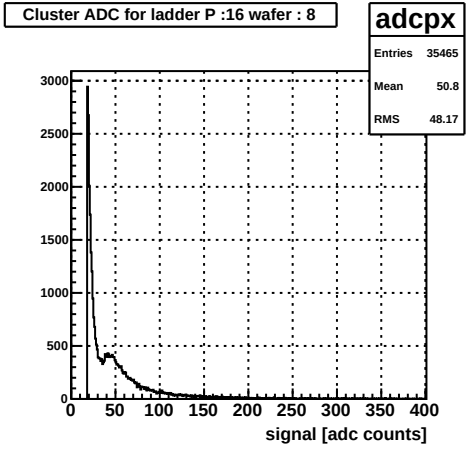

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 34964
Mean 52.88
RMS 51.8
signal [adc counts]

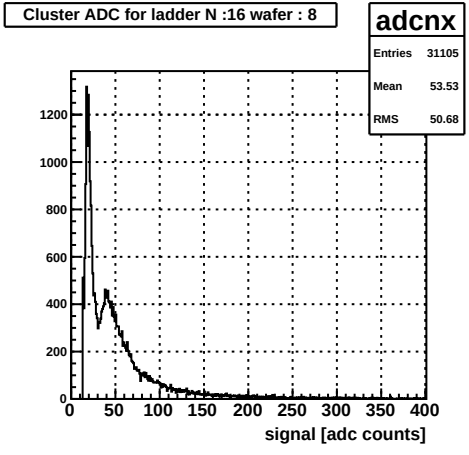

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 18195
Mean 54.49
RMS 51.72
signal [adc counts]

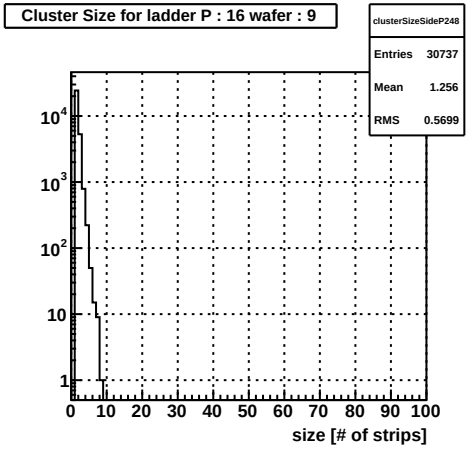

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 35465
Mean 1.261
RMS 0.5858
size [# of strips]

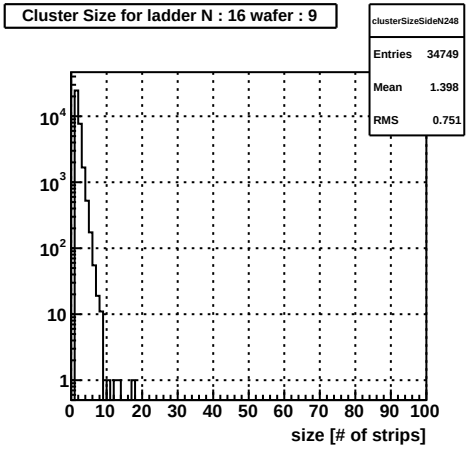

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 31105
Mean 1.425
RMS 0.7735
size [# of strips]

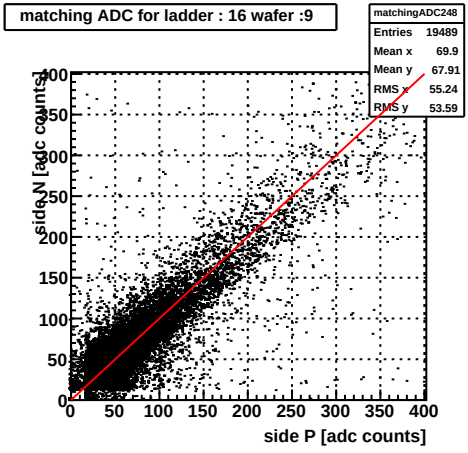

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 17646
Mean x 67.19
Mean y 66.87
RMS x 54.76
RMS y 53.88
side N [adc counts]
side P [adc counts]

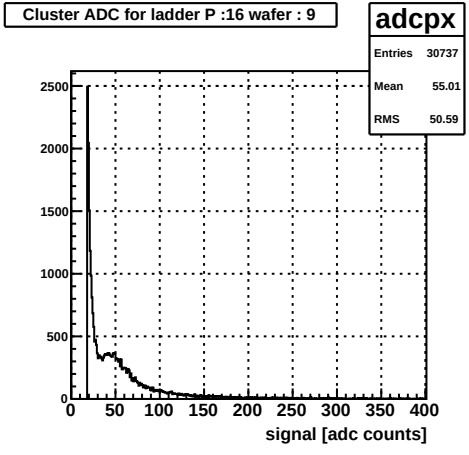

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 35465
Mean 50.8
RMS 48.17
signal [adc counts]

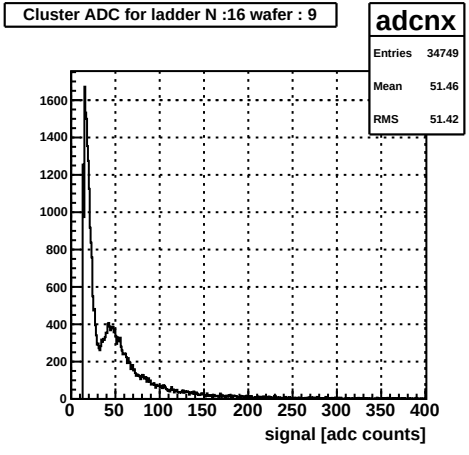

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 31105
Mean 53.53
RMS 50.68
signal [adc counts]

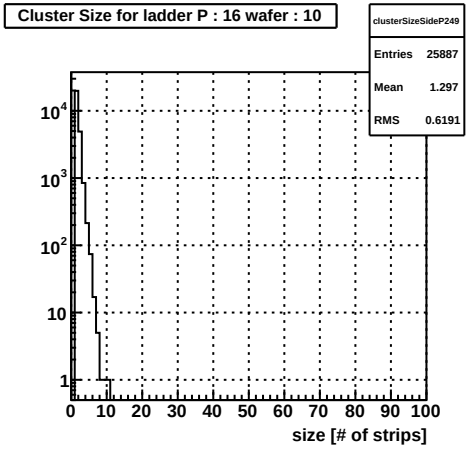

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 30737
Mean 1.256
RMS 0.5699
size [# of strips]

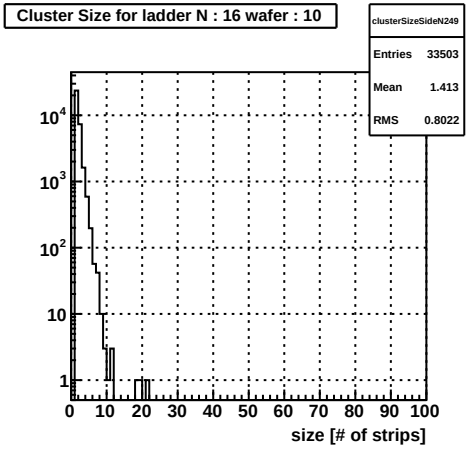

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 34749
Mean 1.398
RMS 0.751
size [# of strips]

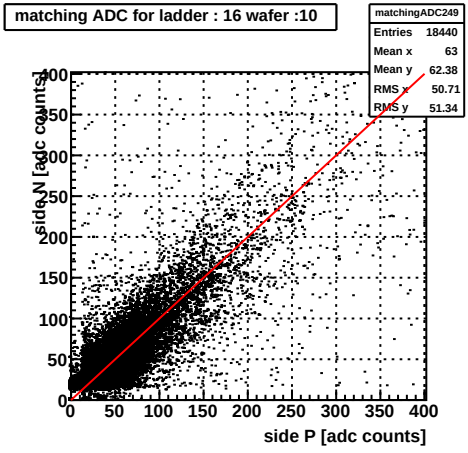

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 19489
Mean x 69.9
Mean y 67.91
RMS x 55.24
RMS y 53.59
side N [adc counts]
side P [adc counts]

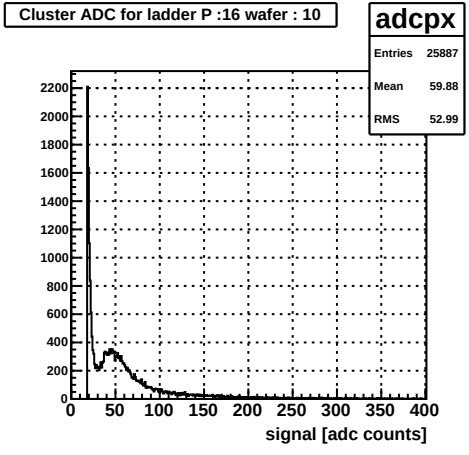

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 30737
Mean 55.01
RMS 50.59
signal [adc counts]

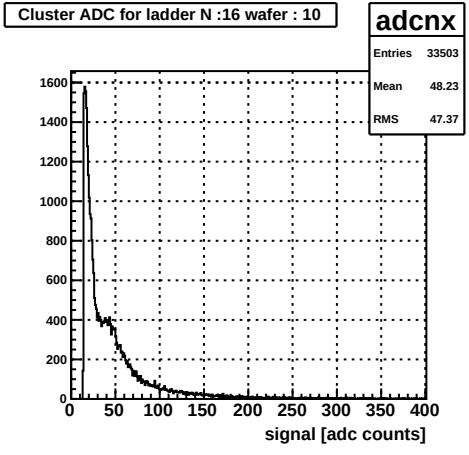

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 34749
Mean 51.46
RMS 51.42
signal [adc counts]

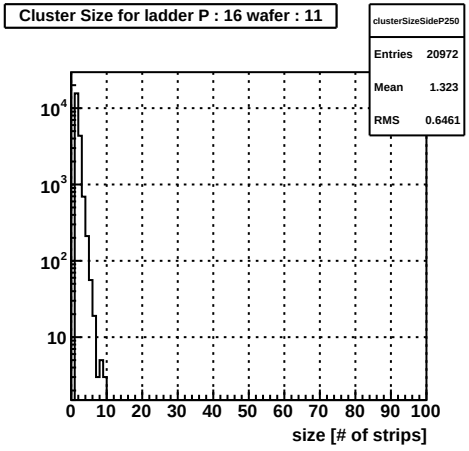

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 25887
Mean 1.297
RMS 0.6191
size [# of strips]

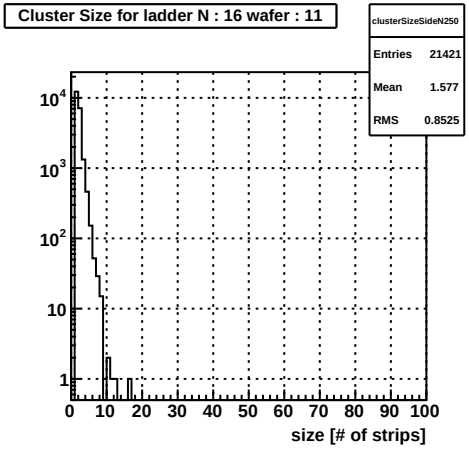

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 33503
Mean 1.413
RMS 0.8022
size [# of strips]

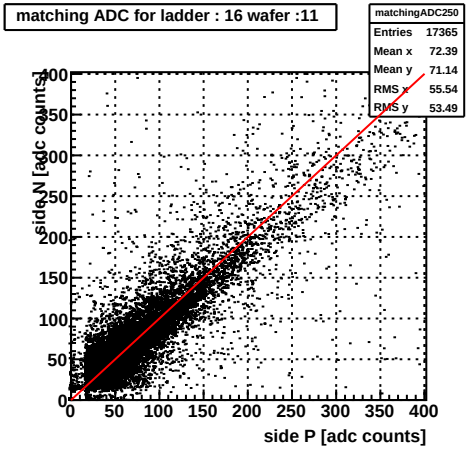

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 18440
Mean x 63
Mean y 62.38
RMS x 50.71
RMS y 51.34
side N [adc counts]
side P [adc counts]

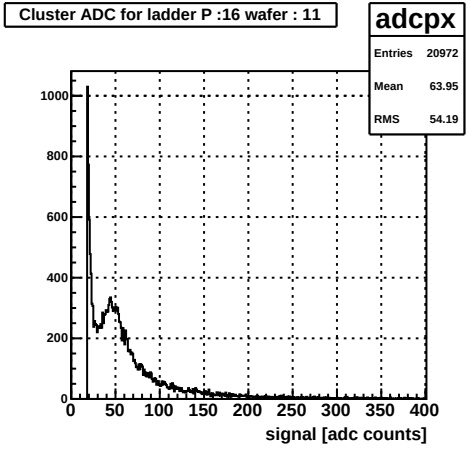

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 25887
Mean 59.88
RMS 52.99
signal [adc counts]

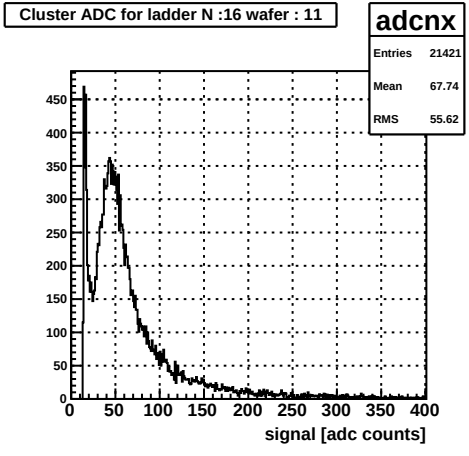

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 33503
Mean 48.23
RMS 47.37
signal [adc counts]

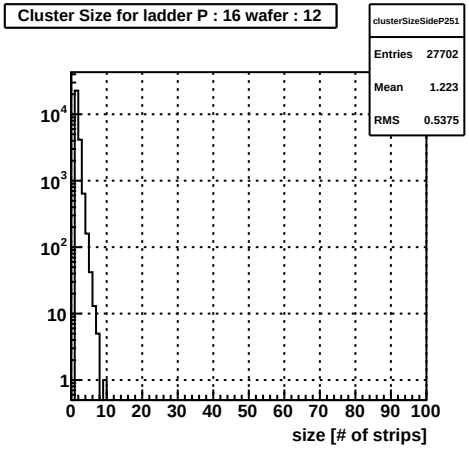

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 20972
Mean 1.323
RMS 0.6461
size [# of strips]

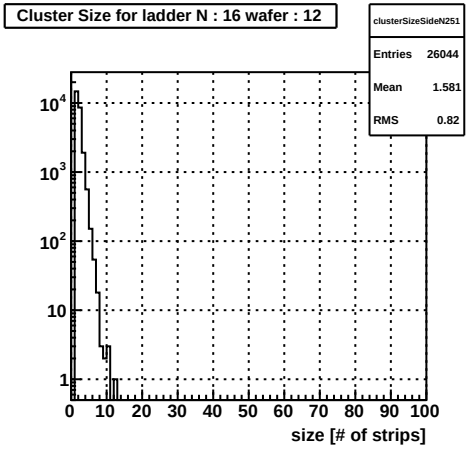

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 21421
Mean 1.577
RMS 0.8525
size [# of strips]

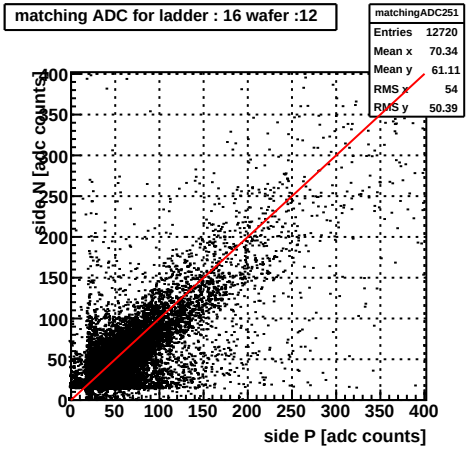

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 17365
Mean x 72.39
Mean y 71.14
RMS x 55.54
RMS y 53.49
side N [adc counts]
side P [adc counts]

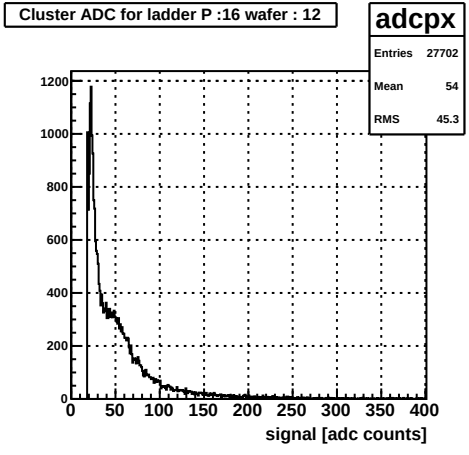

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 20972
Mean 63.95
RMS 54.19
signal [adc counts]

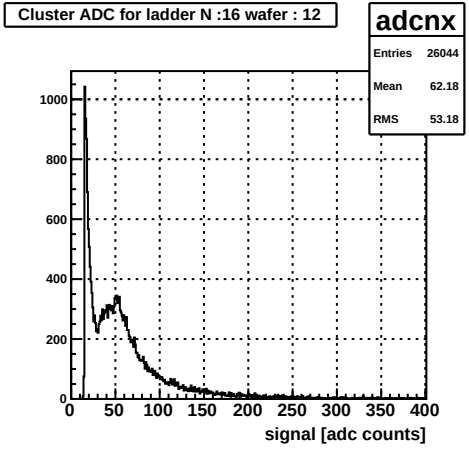

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 21421
Mean 67.74
RMS 55.62
signal [adc counts]

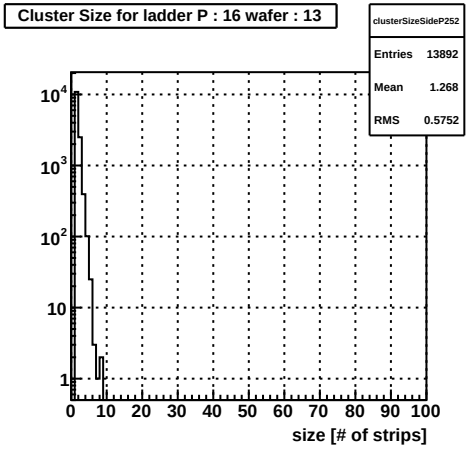

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 27702
Mean 1.223
RMS 0.5375
size [# of strips]

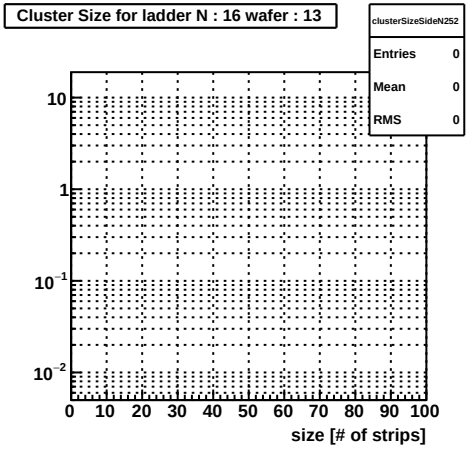

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 26044
Mean 1.581
RMS 0.82
size [# of strips]

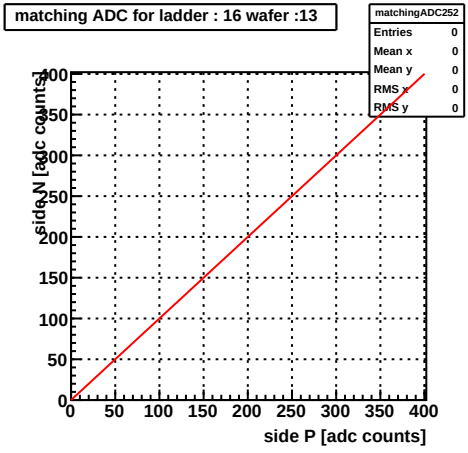

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 12720
Mean x 70.34
Mean y 61.11
RMS x 54
RMS y 50.39
side N [adc counts]
side P [adc counts]

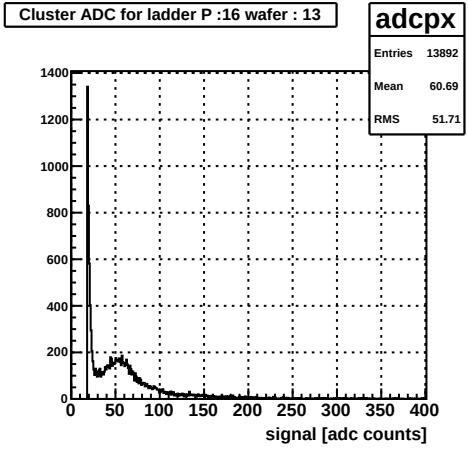

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 27702
Mean 54
RMS 45.3
signal [adc counts]

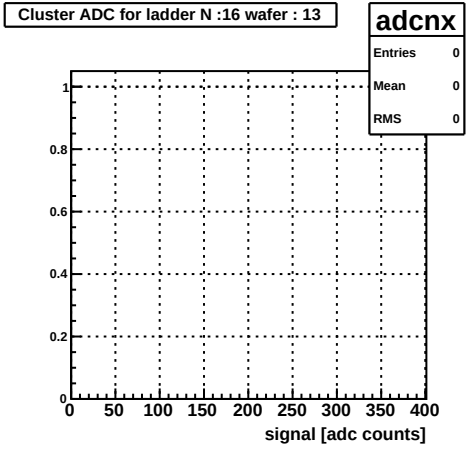

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 26044
Mean 62.18
RMS 53.18
signal [adc counts]

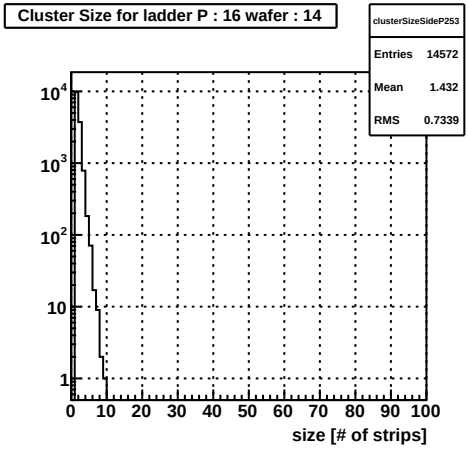

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 13892
Mean 1.268
RMS 0.5752
size [# of strips]

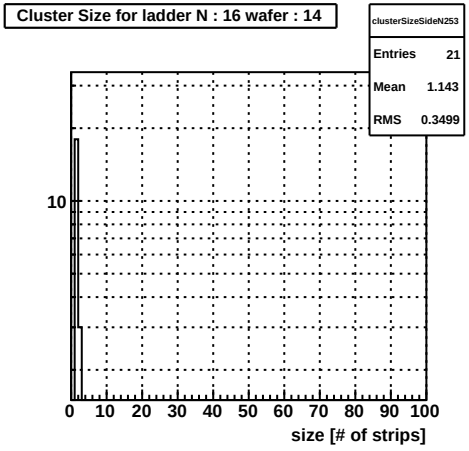

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

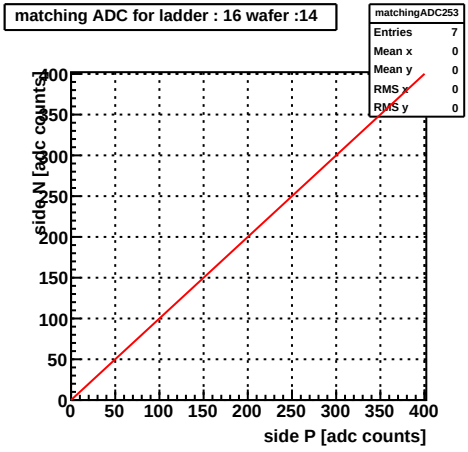

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

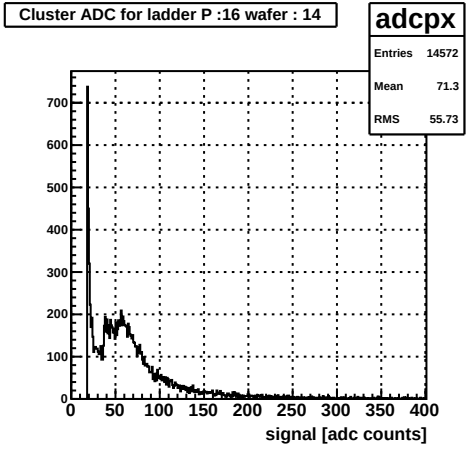

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 13892
Mean 60.69
RMS 51.71
signal [adc counts]

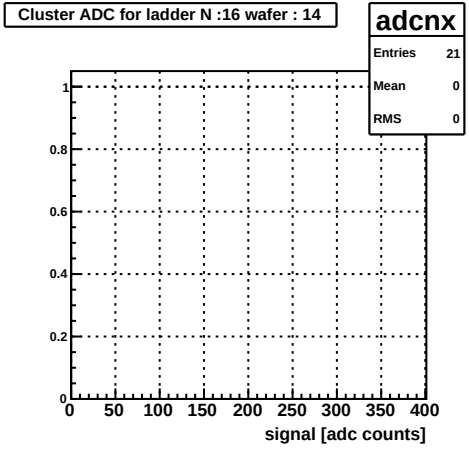

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

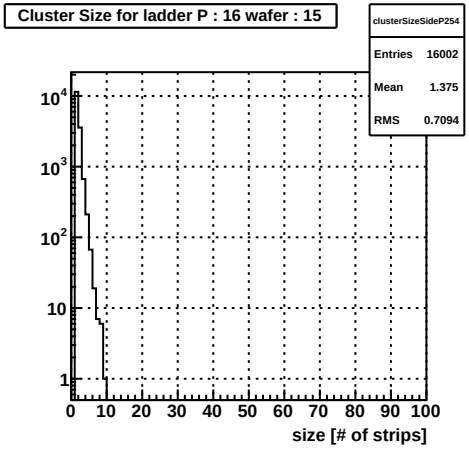

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 14572
Mean 1.432
RMS 0.7339
size [# of strips]

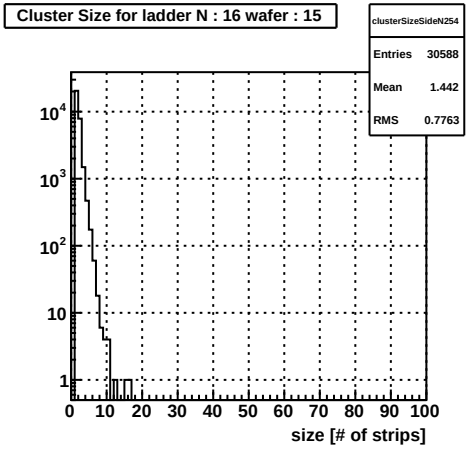

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 21
Mean 1.143
RMS 0.3499
size [# of strips]

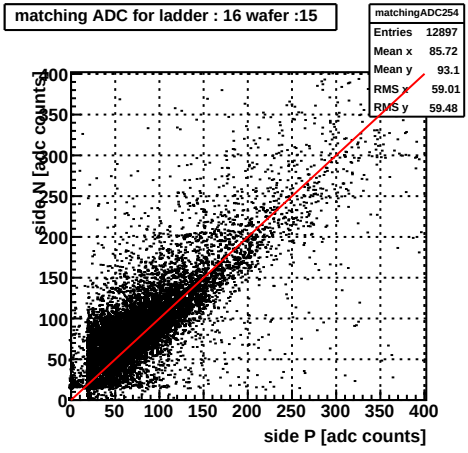

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

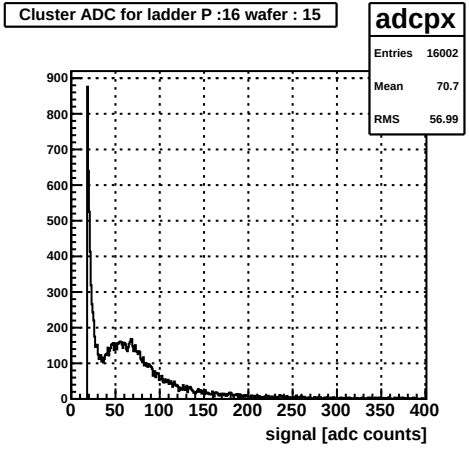

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 14572
Mean 71.3
RMS 55.73
signal [adc counts]

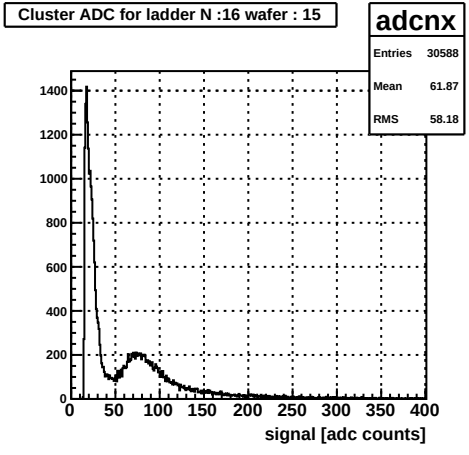

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 21
Mean 0
RMS 0
signal [adc counts]

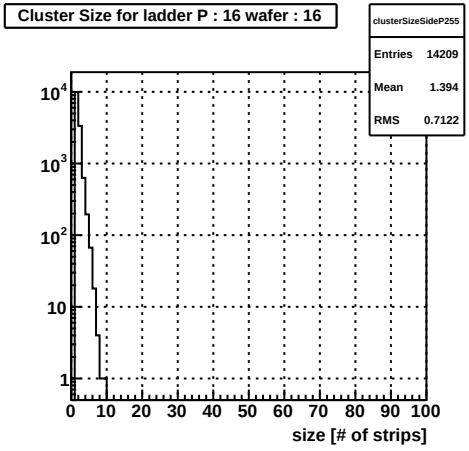

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 16002
Mean 1.375
RMS 0.7094
size [# of strips]

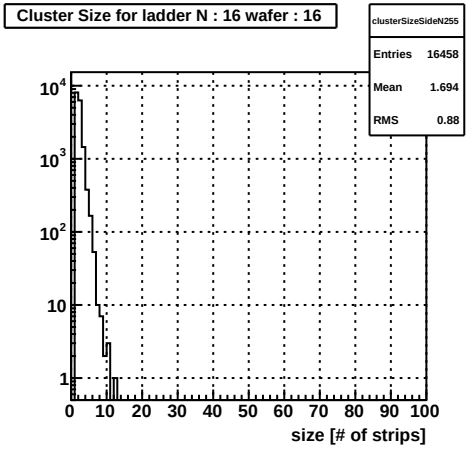

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 30588
Mean 1.442
RMS 0.7763
size [# of strips]

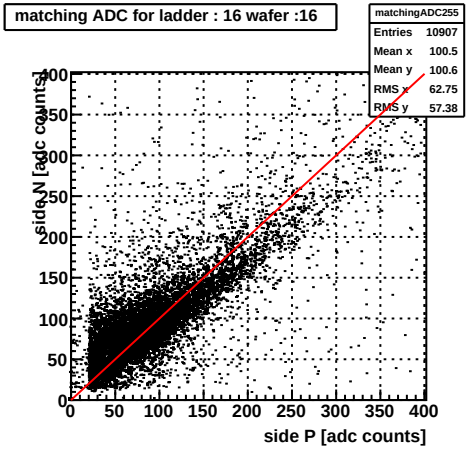

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 12897
Mean x 85.72
Mean y 93.1
RMS x 59.01
RMS y 59.48
side N [adc counts]
side P [adc counts]

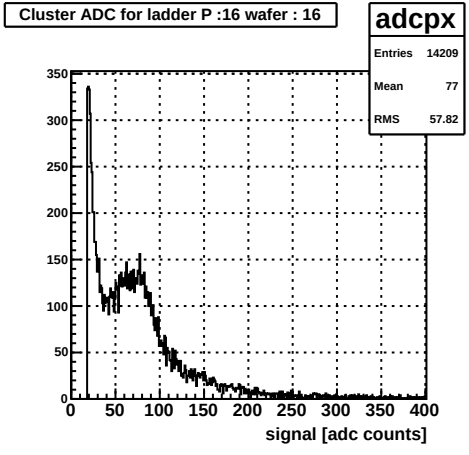

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 16002
Mean 70.7
RMS 56.99
signal [adc counts]

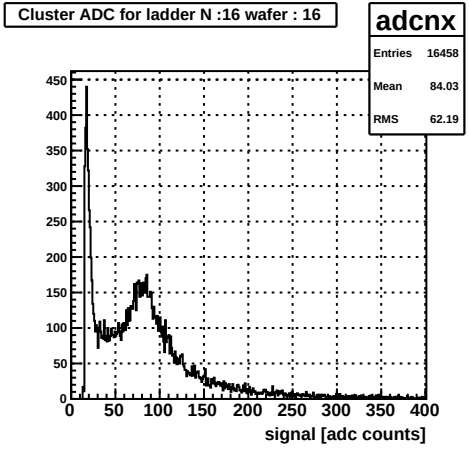

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 30588
Mean 61.87
RMS 58.18
signal [adc counts]

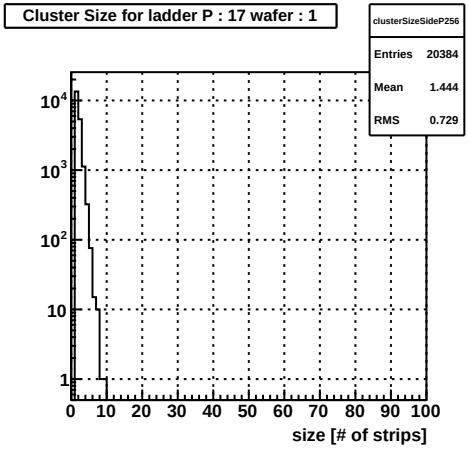

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 14209
Mean 1.394
RMS 0.7122
size [# of strips]

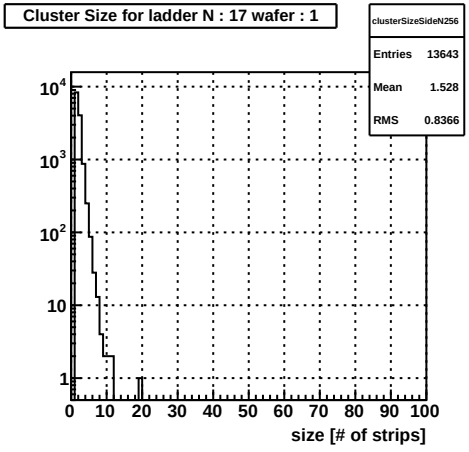

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 16458
Mean 1.694
RMS 0.88
size [# of strips]

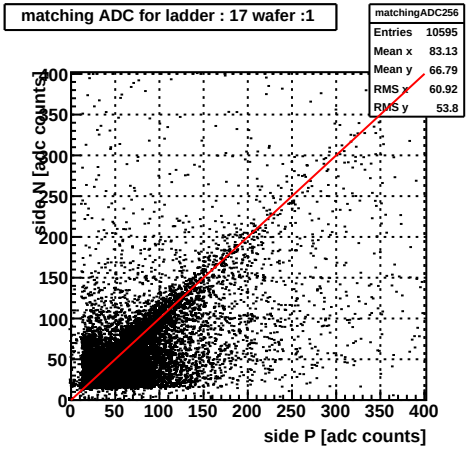

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 10907
Mean x 100.5
Mean y 100.6
RMS x 62.75
RMS y 57.38
side N [adc counts]
side P [adc counts]

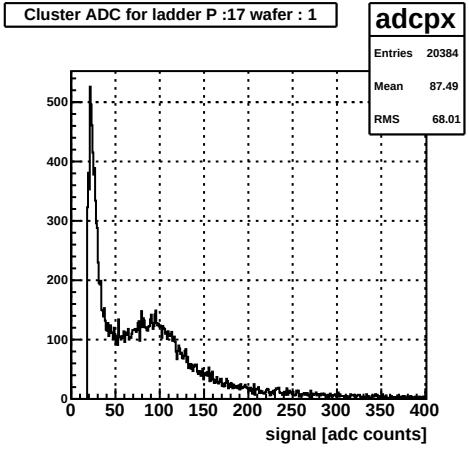

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 14209
Mean 77
RMS 57.82
signal [adc counts]

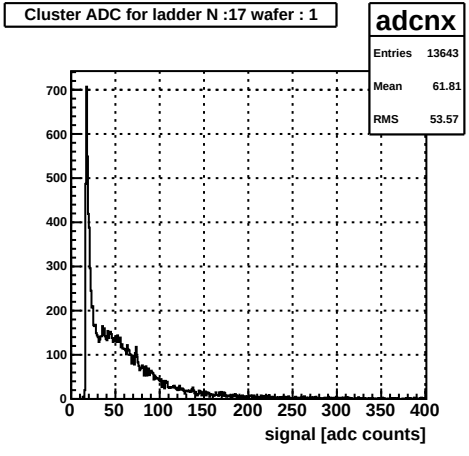

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 16458
Mean 84.03
RMS 62.19
signal [adc counts]

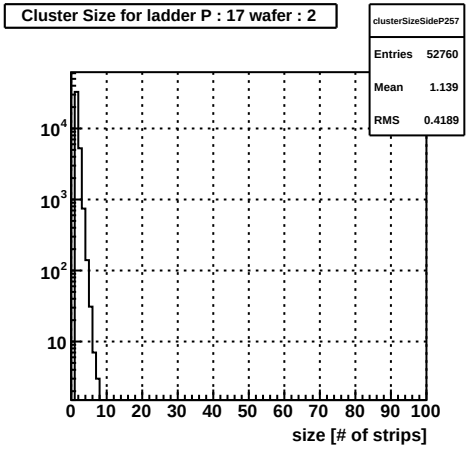

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 20384
Mean 1.444
RMS 0.729
size [# of strips]

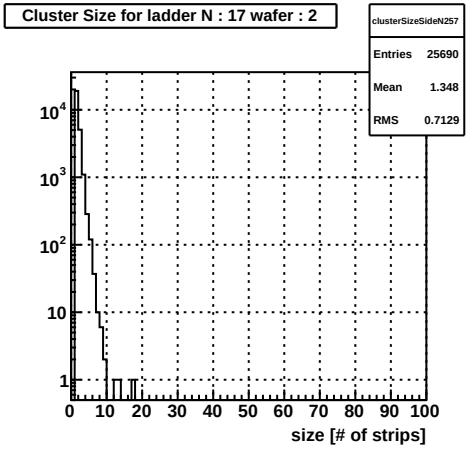

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 13643
Mean 1.528
RMS 0.8366
size [# of strips]

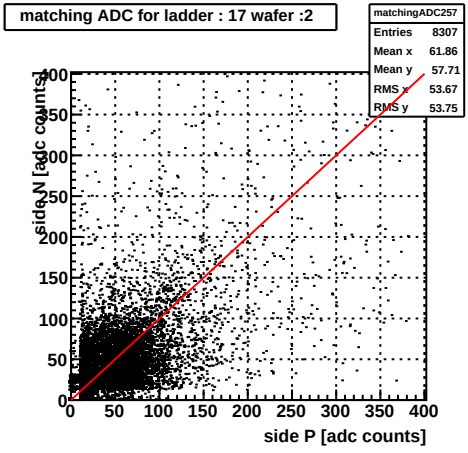

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 10595
Mean x 83.13
Mean y 66.79
RMS x 60.92
RMS y 53.8
side N [adc counts]
side P [adc counts]

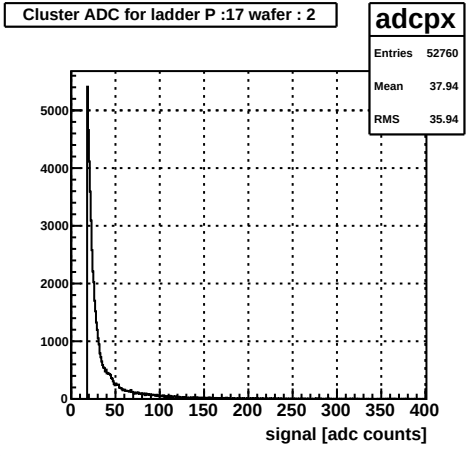

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 20384
Mean 87.49
RMS 68.01
signal [adc counts]

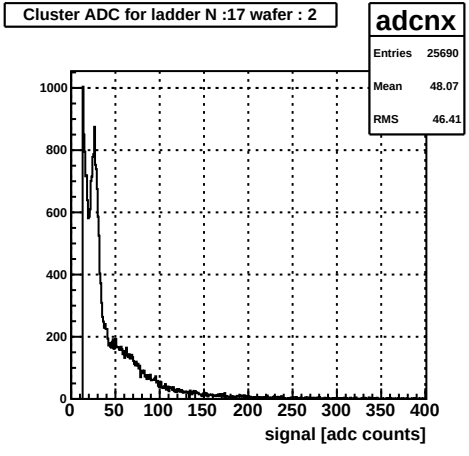

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 13643
Mean 61.81
RMS 53.57
signal [adc counts]

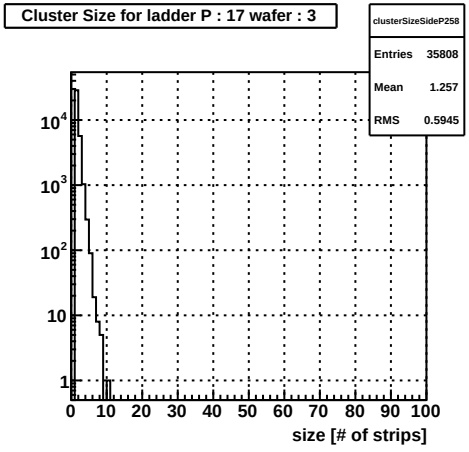

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 52760
Mean 1.139
RMS 0.4189
size [# of strips]

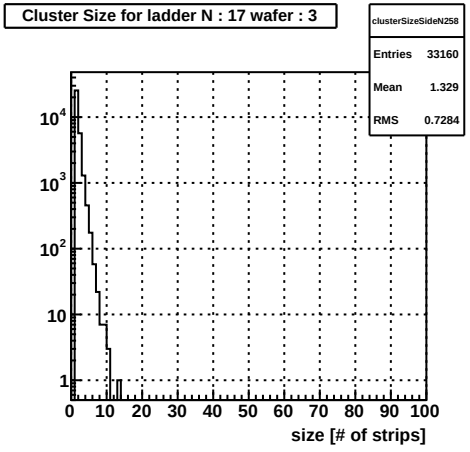

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 25690
Mean 1.348
RMS 0.7129
size [# of strips]

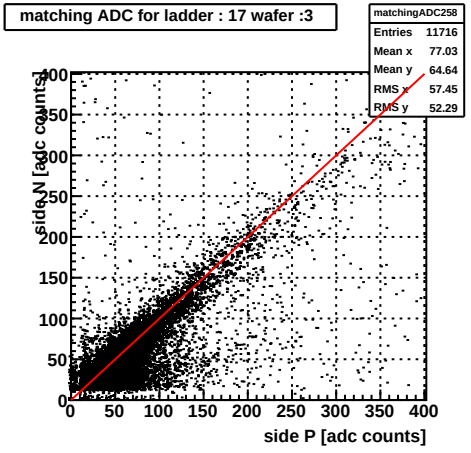

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 8307
Mean x 61.86
Mean y 57.71
RMS x 53.67
RMS y 53.75
side N [adc counts]
side P [adc counts]

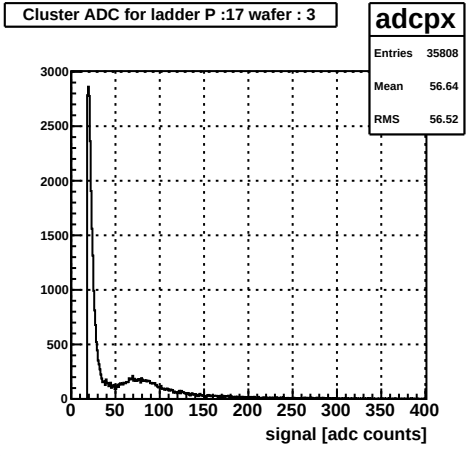

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 52760
Mean 37.94
RMS 35.94
signal [adc counts]

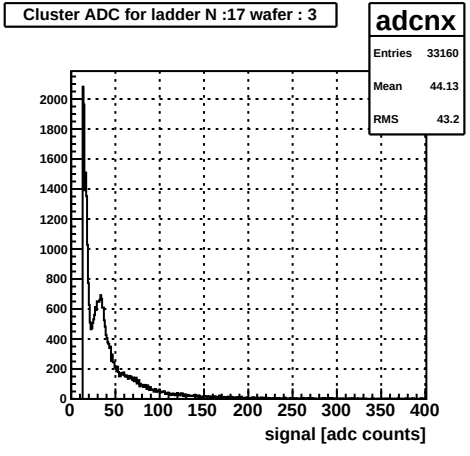

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 25690
Mean 48.07
RMS 46.41
signal [adc counts]

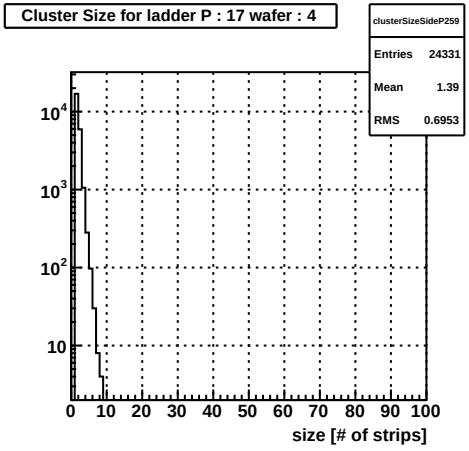

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 35808
Mean 1.257
RMS 0.5945
size [# of strips]

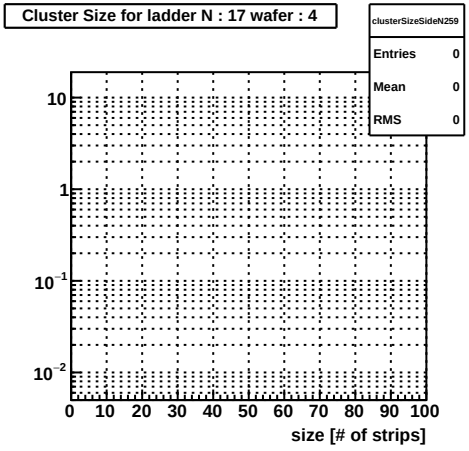

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 33160
Mean 1.329
RMS 0.7284
size [# of strips]

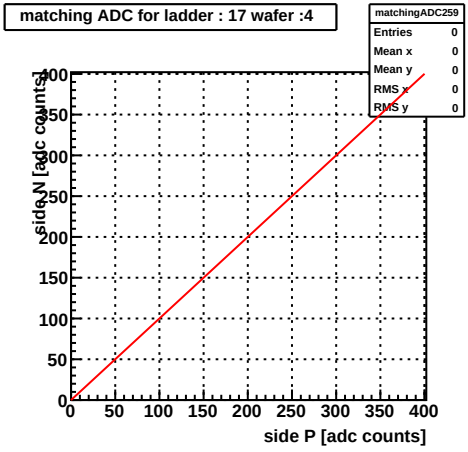

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 11716
Mean x 77.03
Mean y 64.64
RMS x 57.45
RMS y 52.29
side N [adc counts]
side P [adc counts]

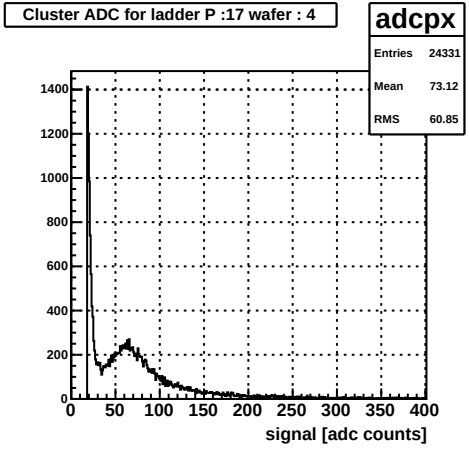

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 35808
Mean 56.64
RMS 56.52
signal [adc counts]

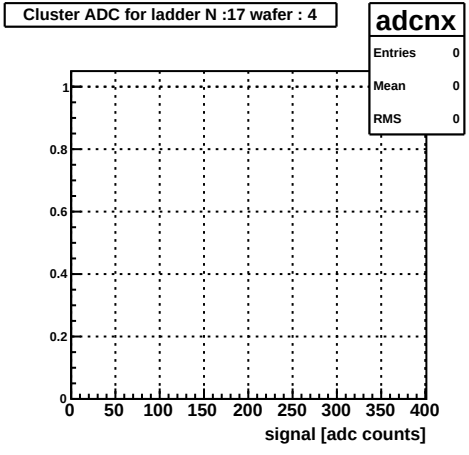

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 33160
Mean 44.13
RMS 43.2
signal [adc counts]

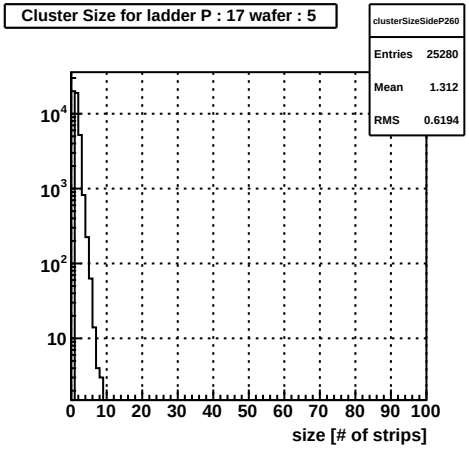

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 24331
Mean 1.39
RMS 0.6953
size [# of strips]

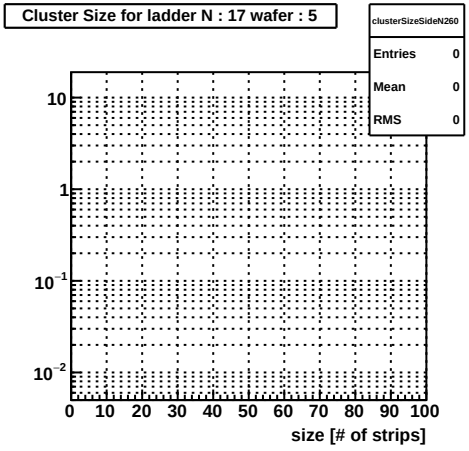

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

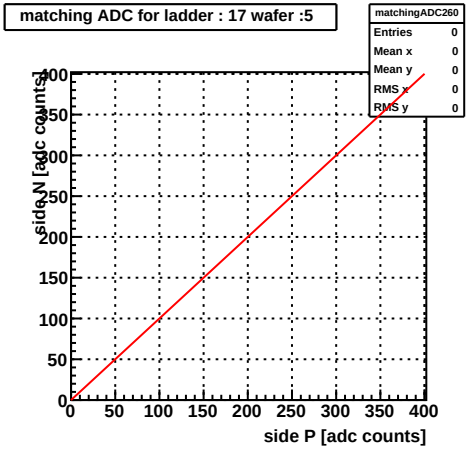

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

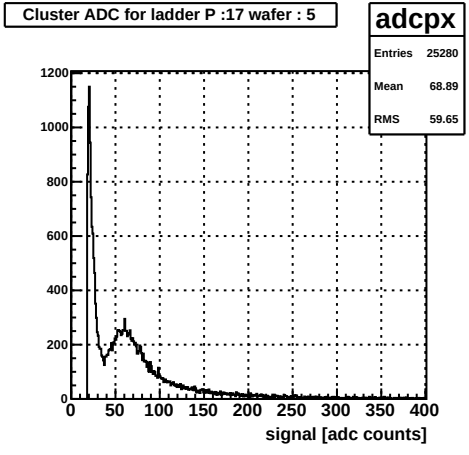

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 24331
Mean 73.12
RMS 60.85
signal [adc counts]

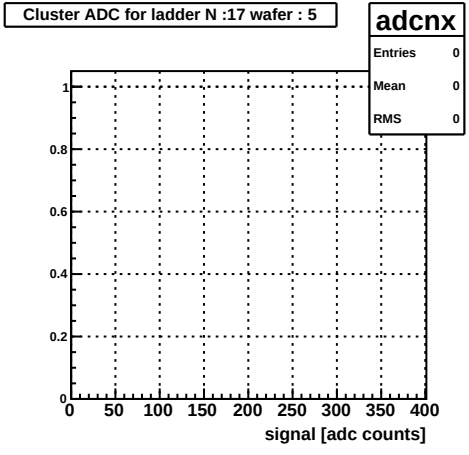

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

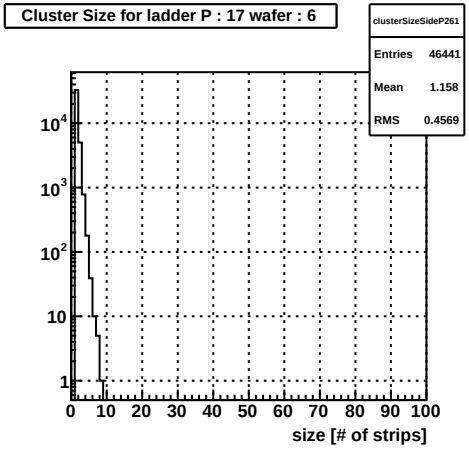

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 25280
Mean 1.312
RMS 0.6194
size [# of strips]

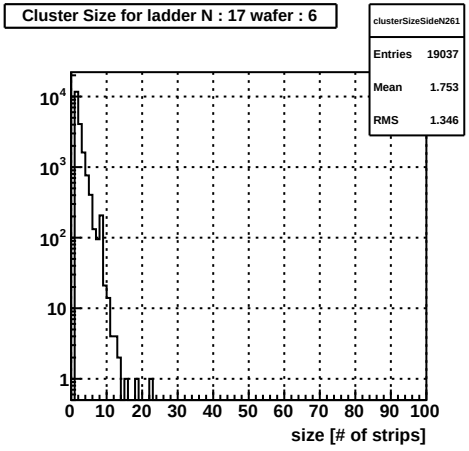

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

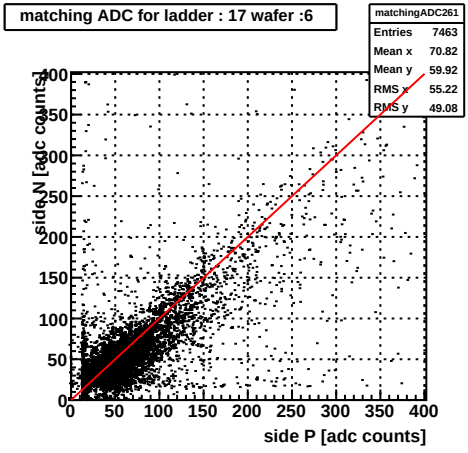

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

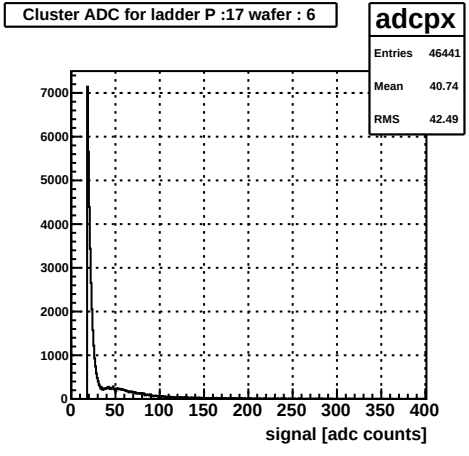

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 25280
Mean 68.89
RMS 59.65
signal [adc counts]

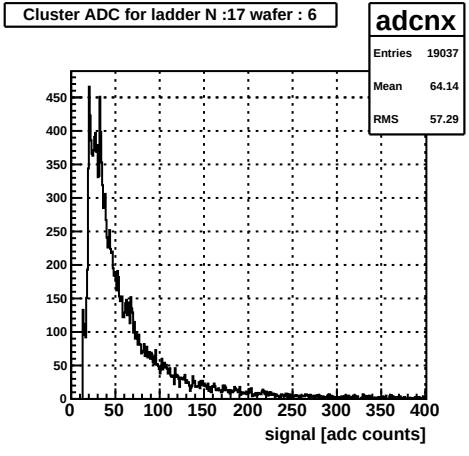

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

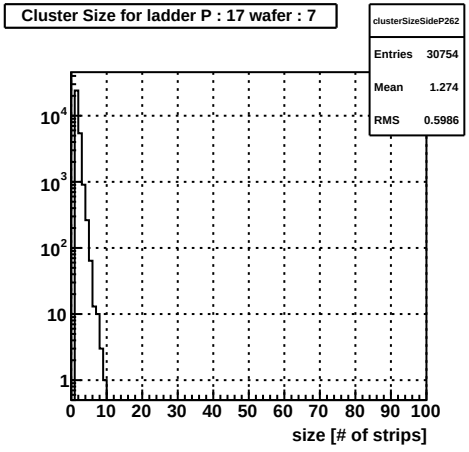

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 46441
Mean 1.158
RMS 0.4569
size [# of strips]

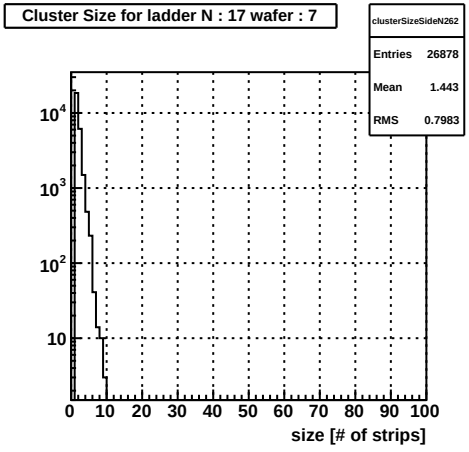

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 19037
Mean 1.753
RMS 1.346
size [# of strips]

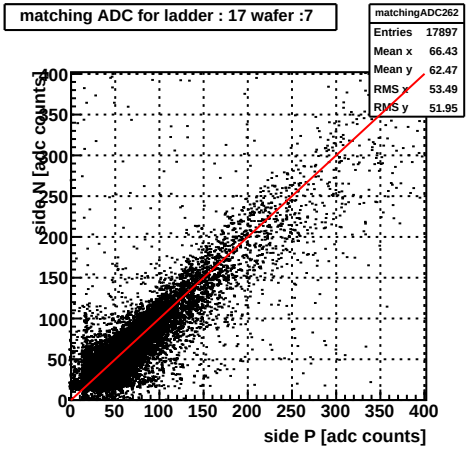

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 7463
Mean x 70.82
Mean y 59.92
RMS x 55.22
RMS y 49.08
side N [adc counts]
side P [adc counts]

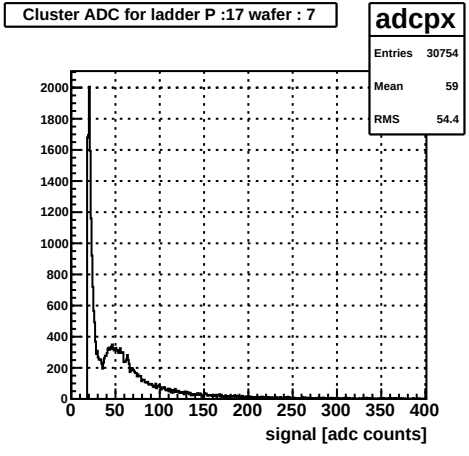

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 46441
Mean 40.74
RMS 42.49
signal [adc counts]

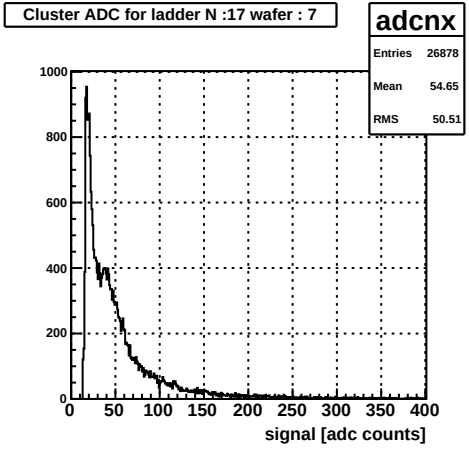

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 19037
Mean 64.14
RMS 57.29
signal [adc counts]

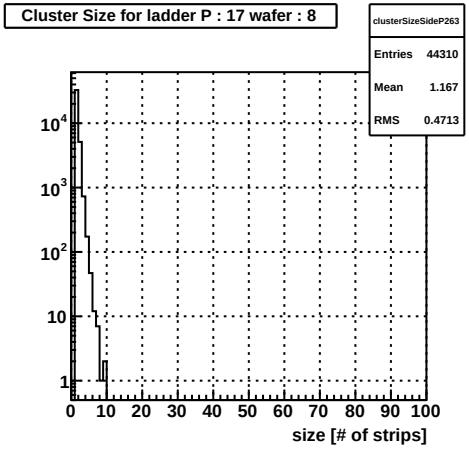

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 30754
Mean 1.274
RMS 0.5986
size [# of strips]

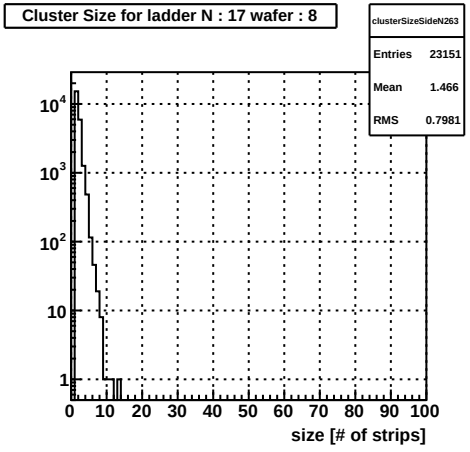

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 26878
Mean 1.443
RMS 0.7983
size [# of strips]

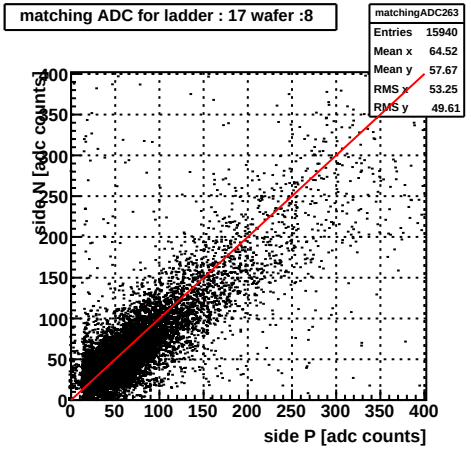

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 17897
Mean x 66.43
Mean y 62.47
RMS x 53.49
RMS y 51.95
side N [adc counts]
side P [adc counts]

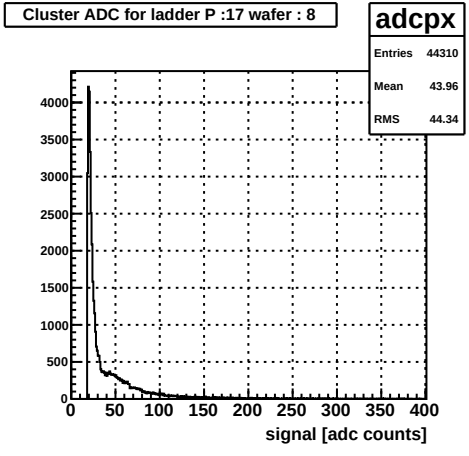

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 30754
Mean 59
RMS 54.4
signal [adc counts]

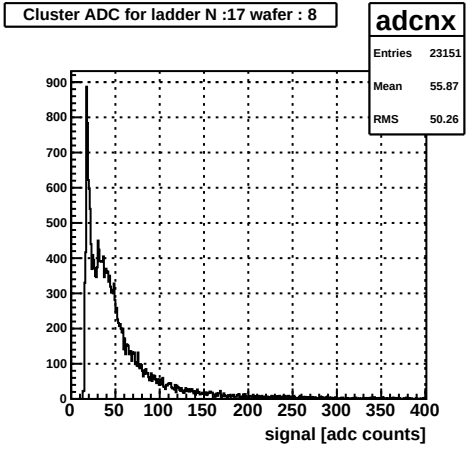

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 26878
Mean 54.65
RMS 50.51
signal [adc counts]

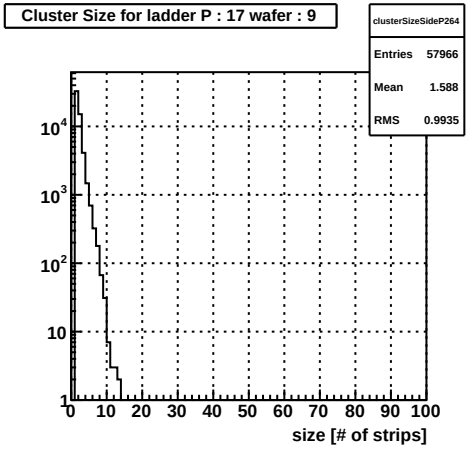

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 44310
Mean 1.167
RMS 0.4713
size [# of strips]

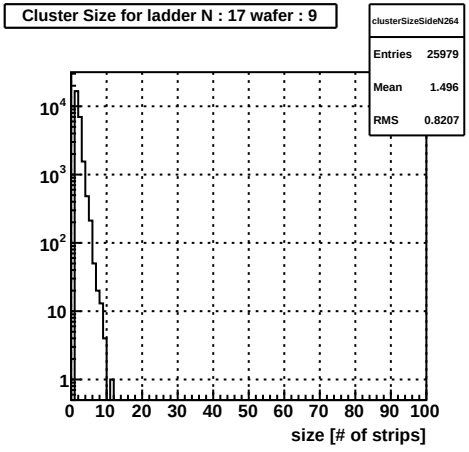

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 23151
Mean 1.466
RMS 0.7981
size [# of strips]

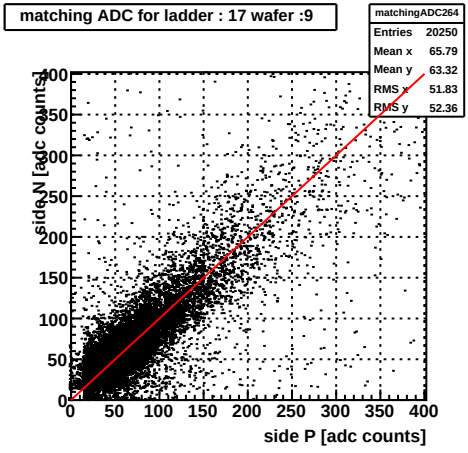

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 15940
Mean x 64.52
Mean y 57.67
RMS x 53.25
RMS y 49.61
side N [adc counts]
side P [adc counts]

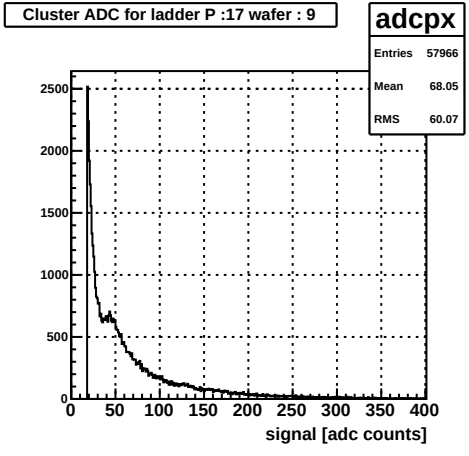

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 44310
Mean 43.96
RMS 44.34
signal [adc counts]

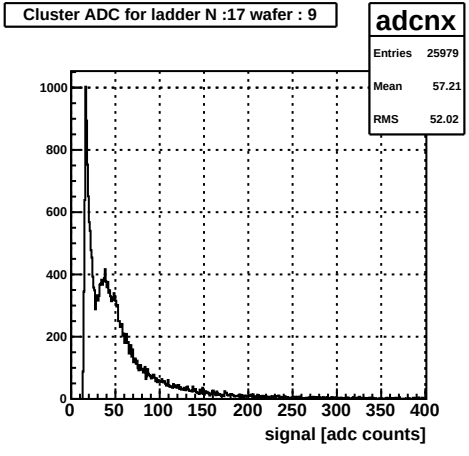

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 23151
Mean 55.87
RMS 50.26
signal [adc counts]

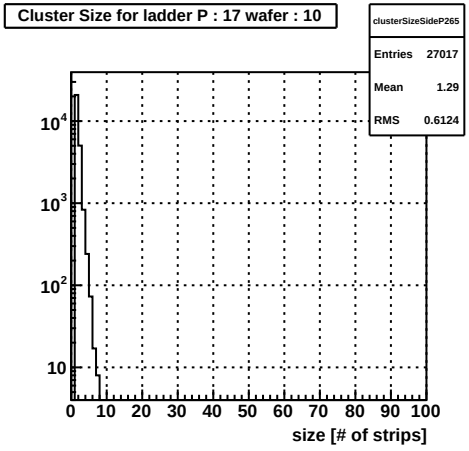

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 57966
Mean 1.588
RMS 0.9935
size [# of strips]

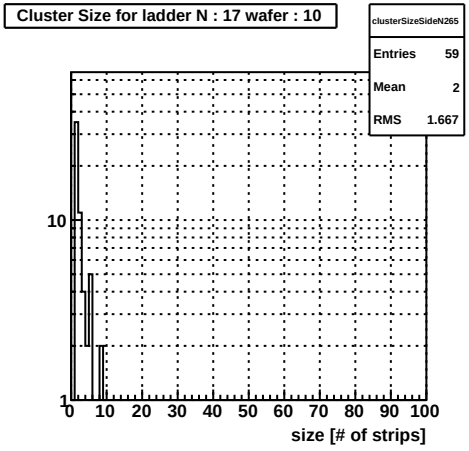

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 25979
Mean 1.496
RMS 0.8207
size [# of strips]

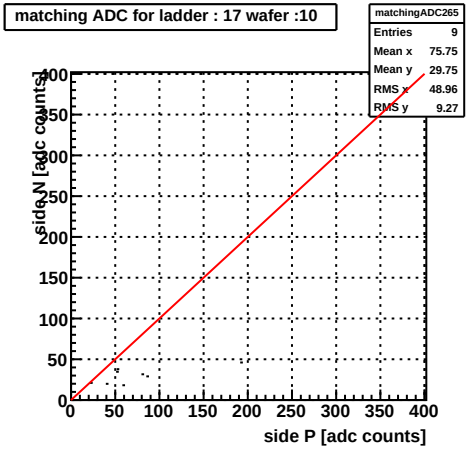

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 20250
Mean x 65.79
Mean y 63.32
RMS x 51.83
RMS y 52.36
side N [adc counts]
side P [adc counts]

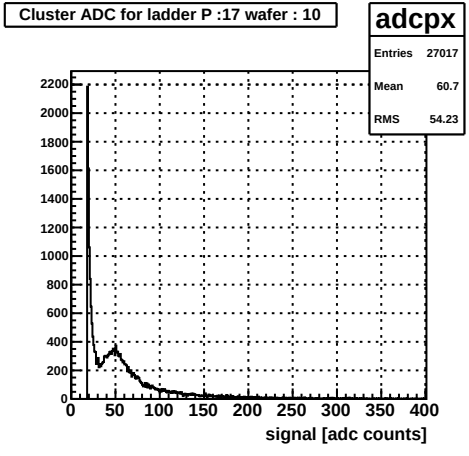

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 57966
Mean 68.05
RMS 60.07
signal [adc counts]

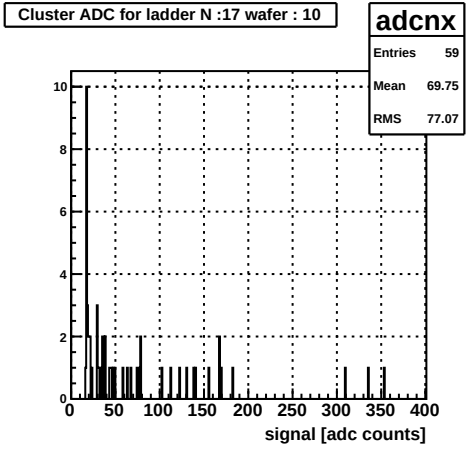

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 25979
Mean 57.21
RMS 52.02
signal [adc counts]

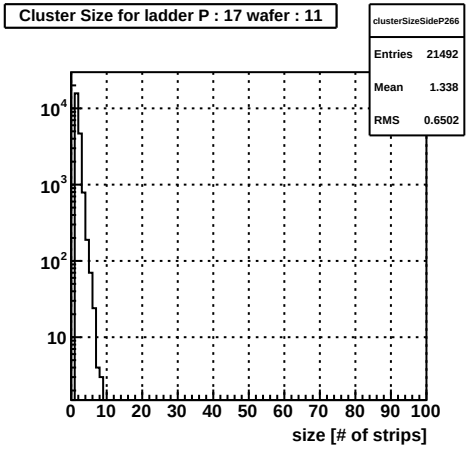

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 27017
Mean 1.29
RMS 0.6124
size [# of strips]

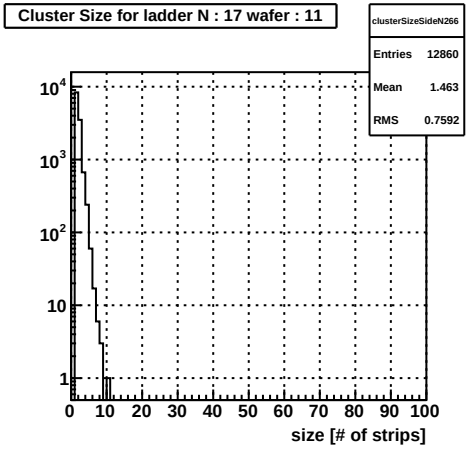

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 59
Mean 2
RMS 1.667
size [# of strips]

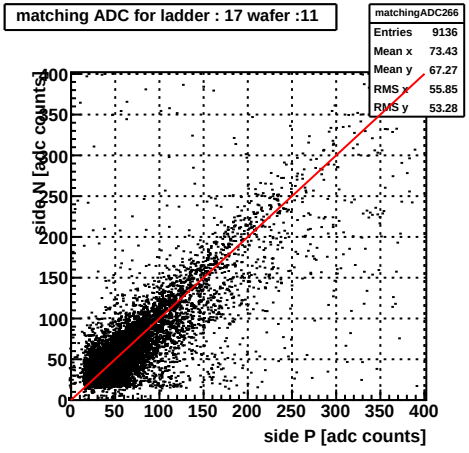

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 9
Mean x 75.75
Mean y 29.75
RMS x 48.96
RMS y 9.27
side N [adc counts]
side P [adc counts]

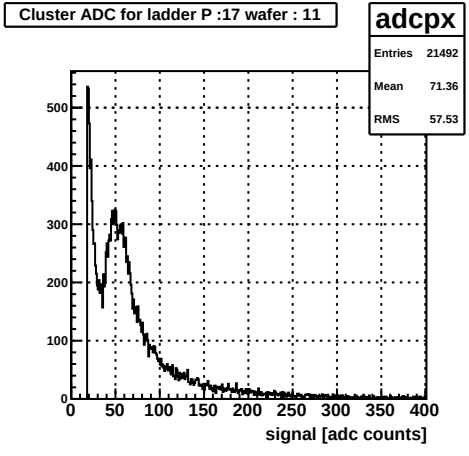

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 27017
Mean 60.7
RMS 54.23
signal [adc counts]

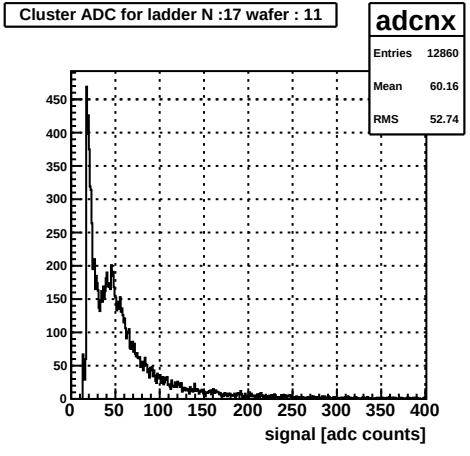

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 59
Mean 69.75
RMS 77.07
signal [adc counts]

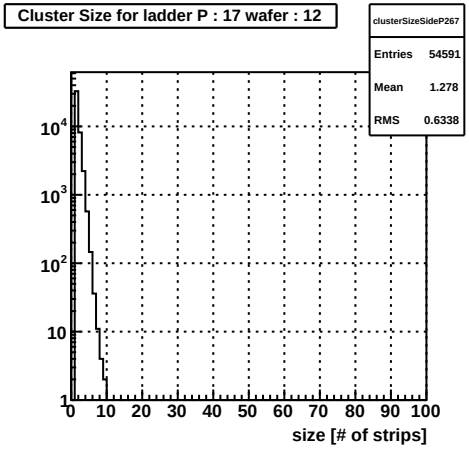

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 21492
Mean 1.338
RMS 0.6502
size [# of strips]

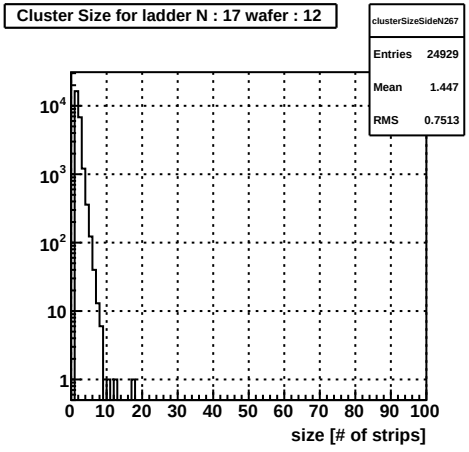

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 12860
Mean 1.463
RMS 0.7592
size [# of strips]

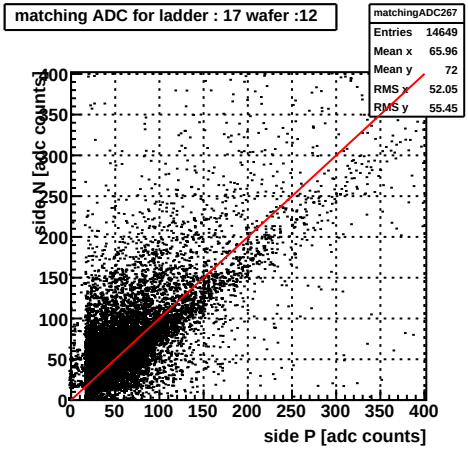

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 9136
Mean x 73.43
Mean y 67.27
RMS x 55.85
RMS y 53.28
side N [adc counts]
side P [adc counts]

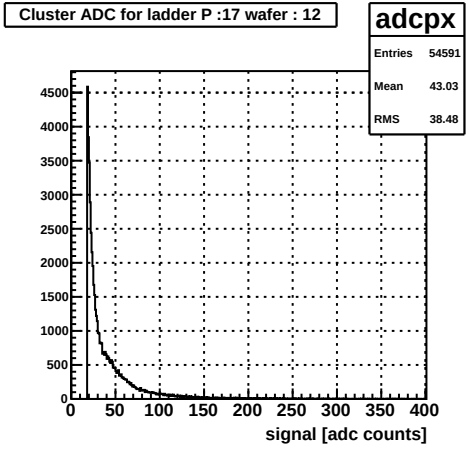

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 21492
Mean 71.36
RMS 57.53
signal [adc counts]

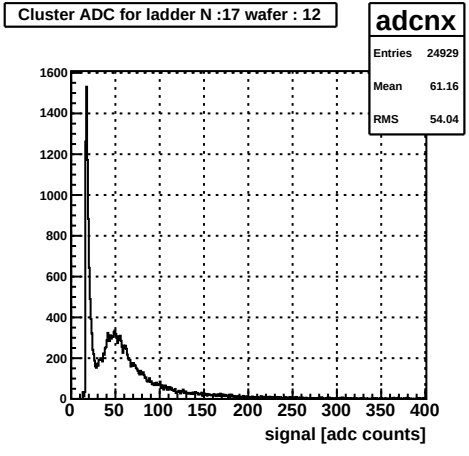

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 12860
Mean 60.16
RMS 52.74
signal [adc counts]

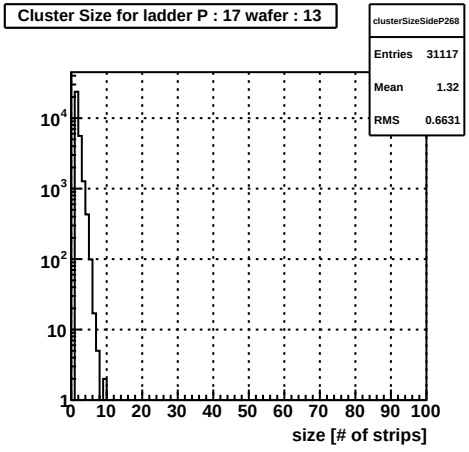

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 54591
Mean 1.278
RMS 0.6338
size [# of strips]

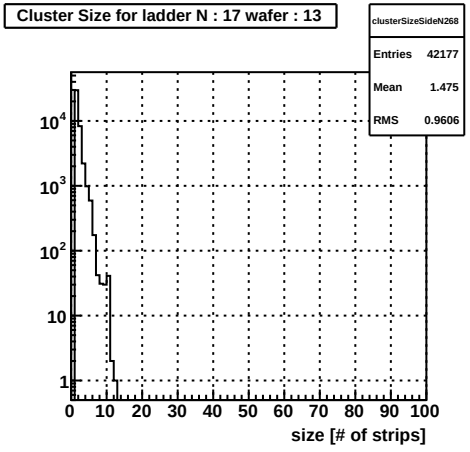

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 24929
Mean 1.447
RMS 0.7513
size [# of strips]

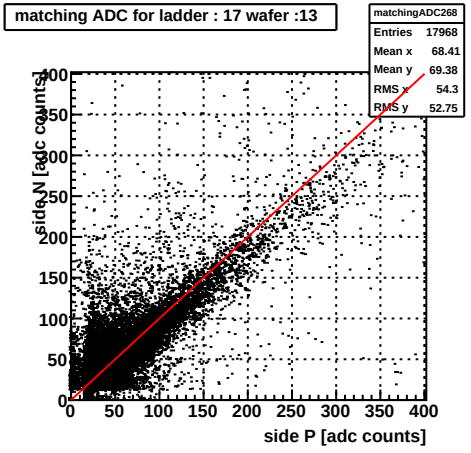

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 14649
Mean x 65.96
Mean y 72
RMS x 52.05
RMS y 55.45
side N [adc counts]
side P [adc counts]

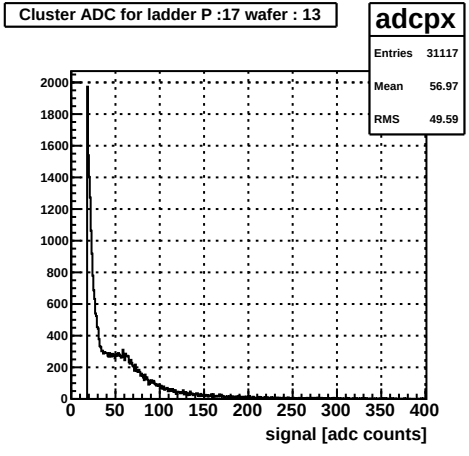

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 54591
Mean 43.03
RMS 38.48
signal [adc counts]

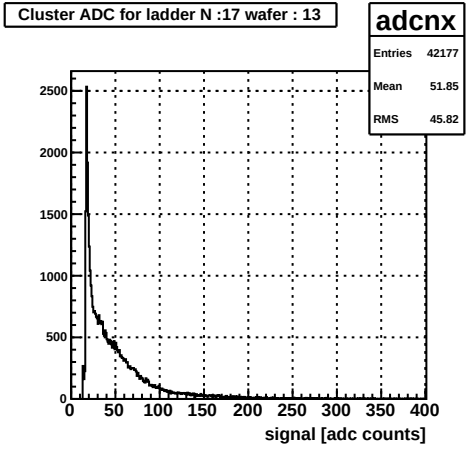

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 24929
Mean 61.16
RMS 54.04
signal [adc counts]

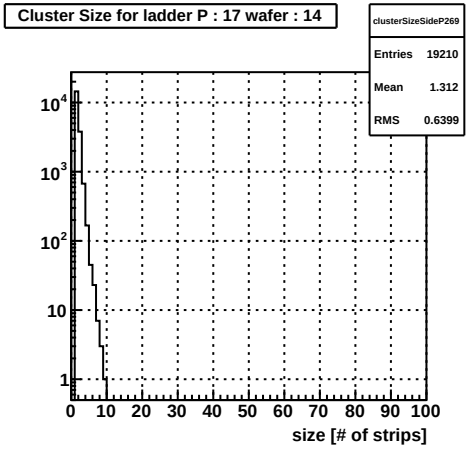

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 31117
Mean 1.32
RMS 0.6631
size [# of strips]

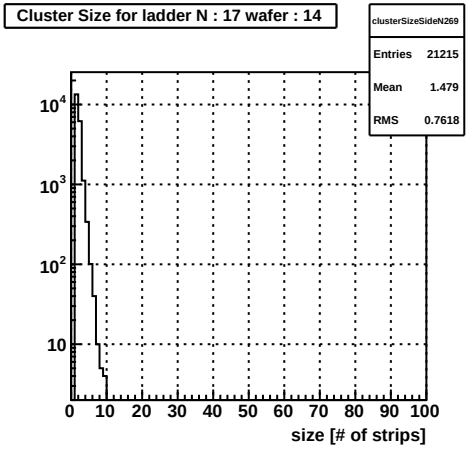

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 42177
Mean 1.475
RMS 0.9606
size [# of strips]

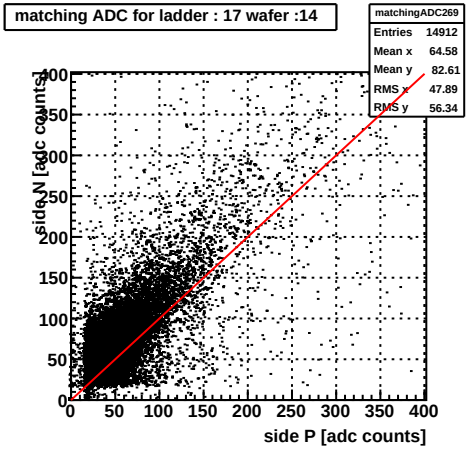

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 17968
Mean x 68.41
Mean y 69.38
RMS x 54.3
RMS y 52.75
side N [adc counts]
side P [adc counts]

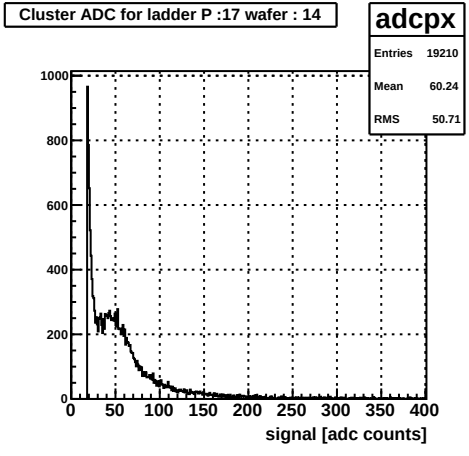

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 31117
Mean 56.97
RMS 49.59
signal [adc counts]

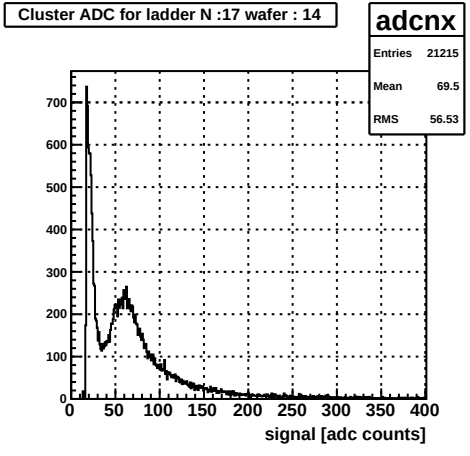

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 42177
Mean 51.85
RMS 45.82
signal [adc counts]

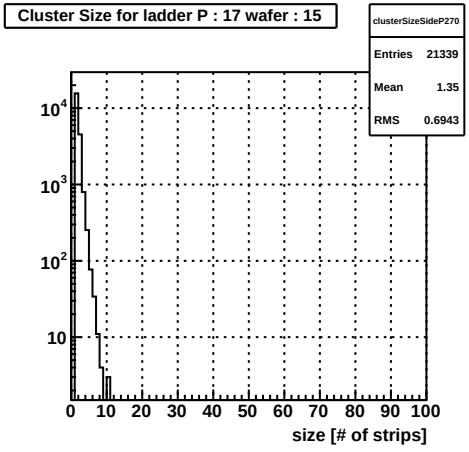

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 19210
Mean 1.312
RMS 0.6399
size [# of strips]

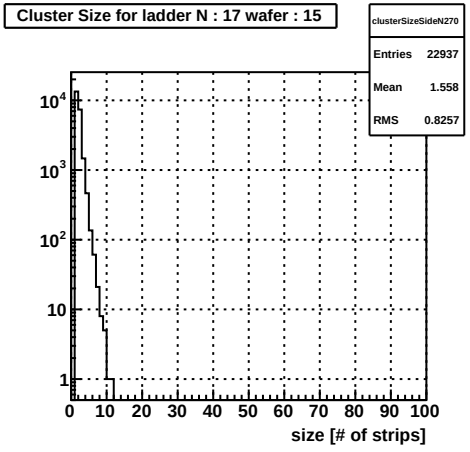

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 21215
Mean 1.479
RMS 0.7618
size [# of strips]

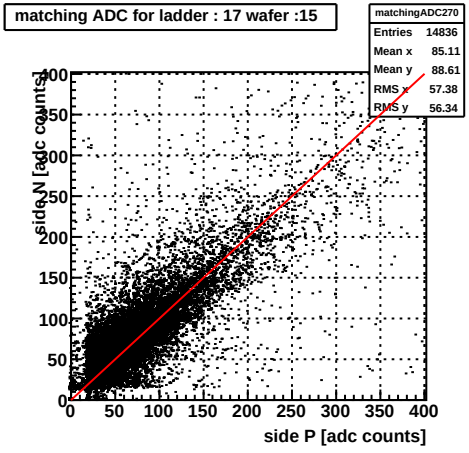

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 14912
Mean x 64.58
Mean y 82.61
RMS x 47.89
RMS y 56.34
side N [adc counts]
side P [adc counts]

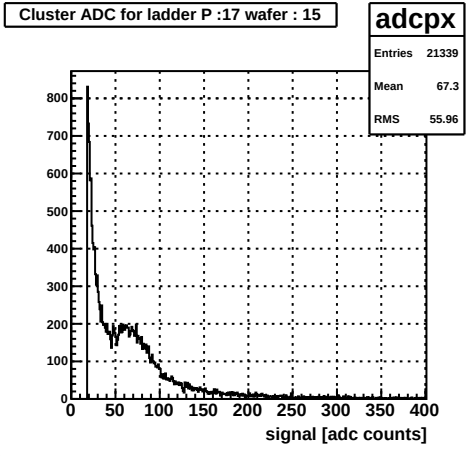

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 19210
Mean 60.24
RMS 50.71
signal [adc counts]

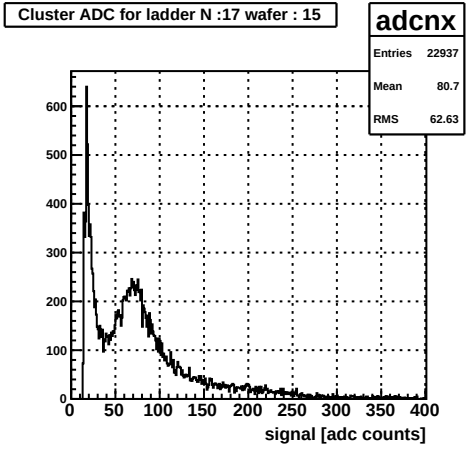

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 21215
Mean 69.5
RMS 56.53
signal [adc counts]

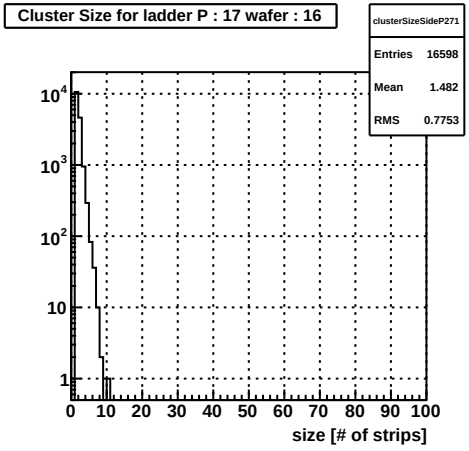

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 21339
Mean 1.35
RMS 0.6943
size [# of strips]

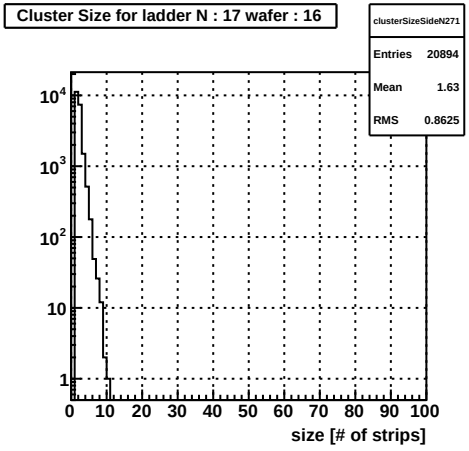

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 22937
Mean 1.558
RMS 0.8257
size [# of strips]

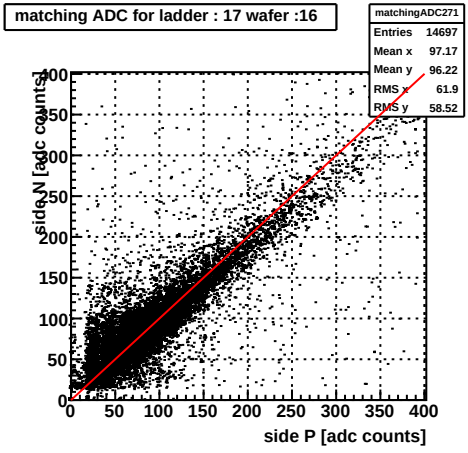

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 14836
Mean x 85.11
Mean y 88.61
RMS x 57.38
RMS y 56.34
side N [adc counts]
side P [adc counts]

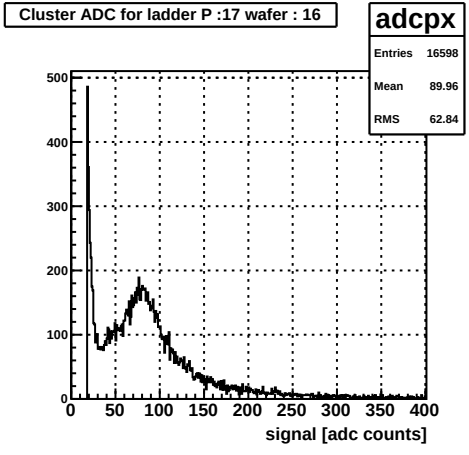

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 21339
Mean 67.3
RMS 55.96
signal [adc counts]

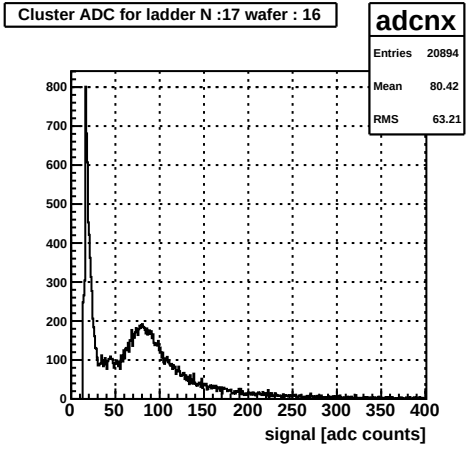

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 22937
Mean 80.7
RMS 62.63
signal [adc counts]

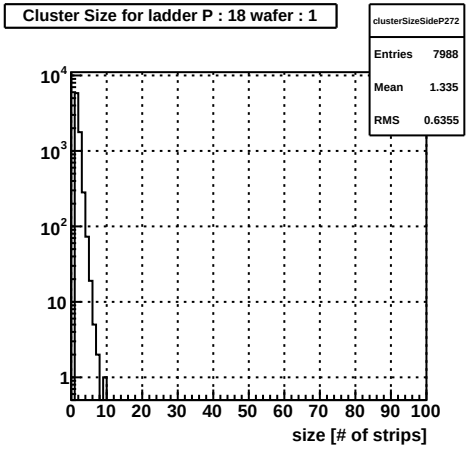

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 16598
Mean 1.482
RMS 0.7753
size [# of strips]

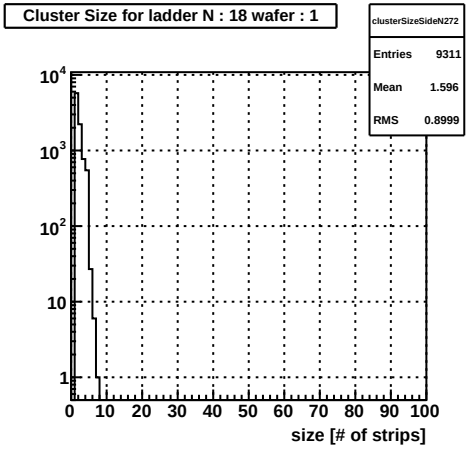

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 20894
Mean 1.63
RMS 0.8625
size [# of strips]

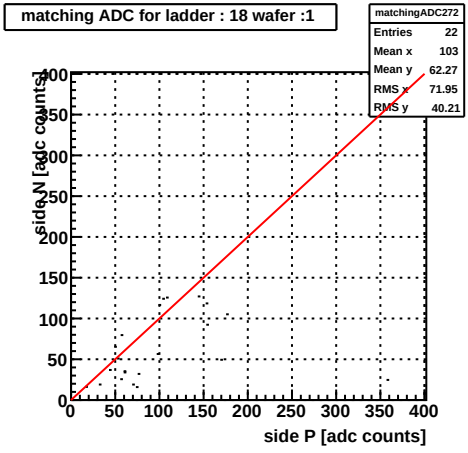

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 14697
Mean x 97.17
Mean y 96.22
RMS x 61.9
RMS y 58.52
side N [adc counts]
side P [adc counts]

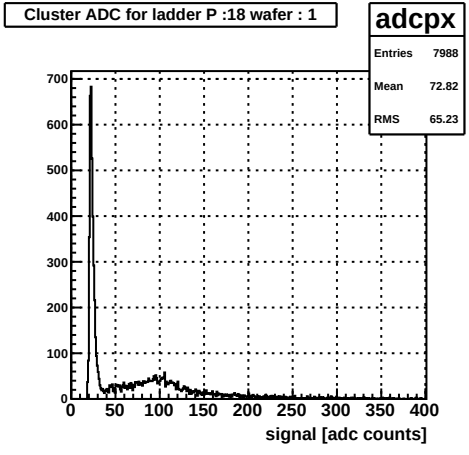

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 16598
Mean 89.96
RMS 62.84
signal [adc counts]

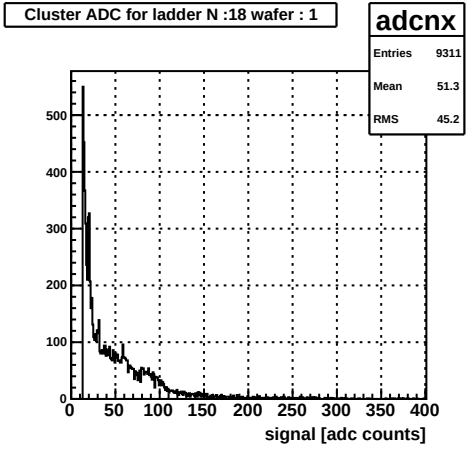

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 20894
Mean 80.42
RMS 63.21
signal [adc counts]

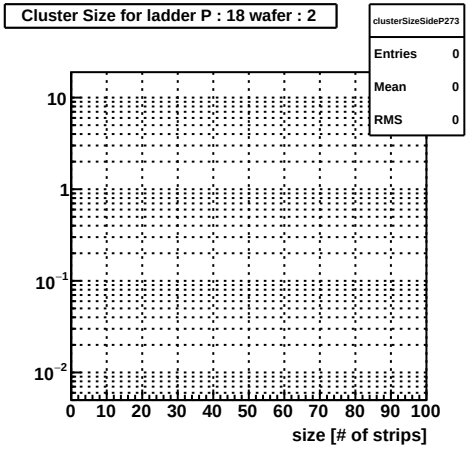

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 7988
Mean 1.335
RMS 0.6355
size [# of strips]

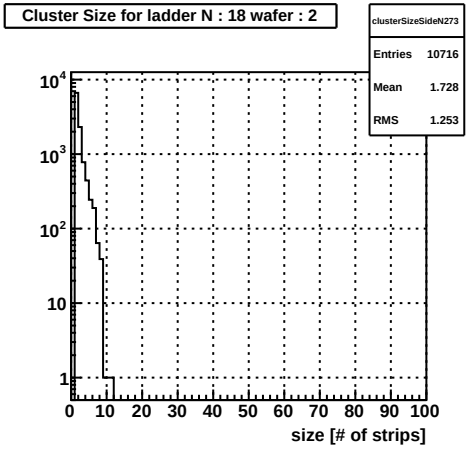

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 9311
Mean 1.596
RMS 0.8999
size [# of strips]

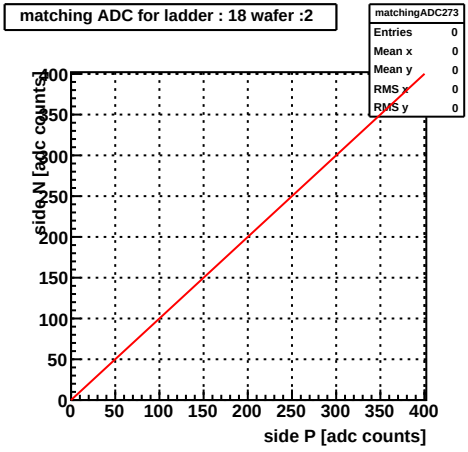

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 22
Mean x 103
Mean y 62.27
RMS x 71.95
RMS y 40.21
side N [adc counts]
side P [adc counts]

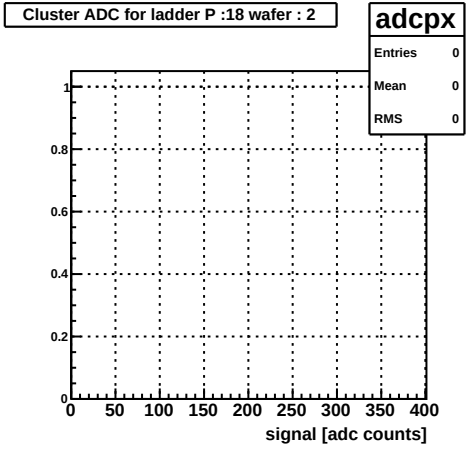

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 7988
Mean 72.82
RMS 65.23
signal [adc counts]

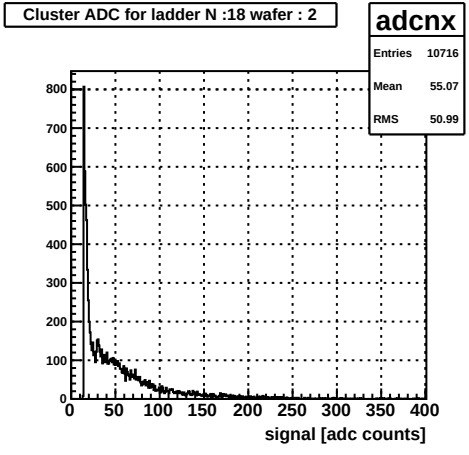

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 9311
Mean 51.3
RMS 45.2
signal [adc counts]

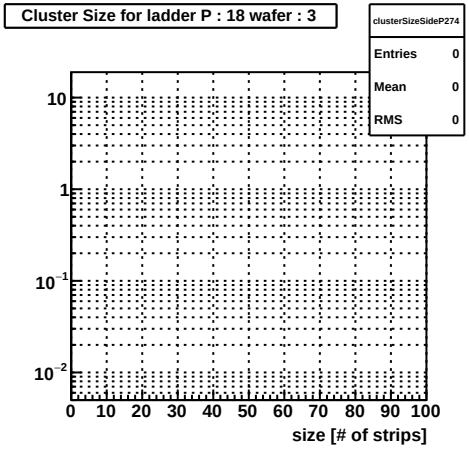

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

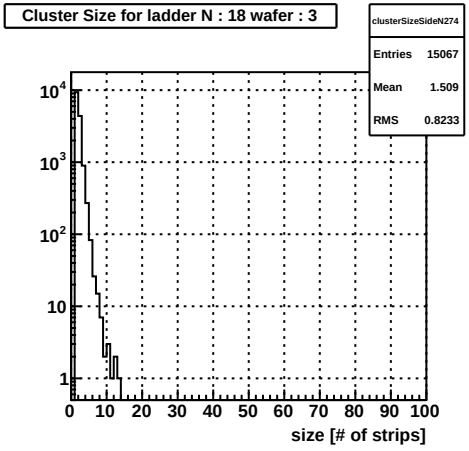

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 10716
Mean 1.728
RMS 1.253
size [# of strips]

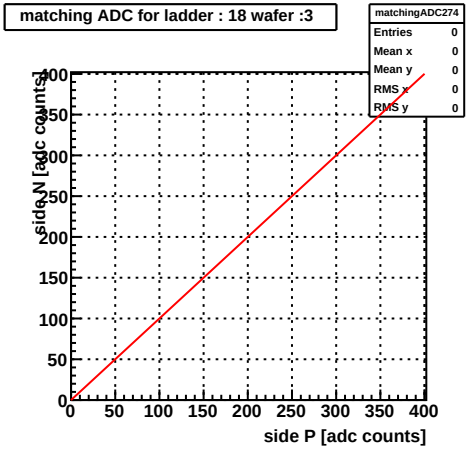

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

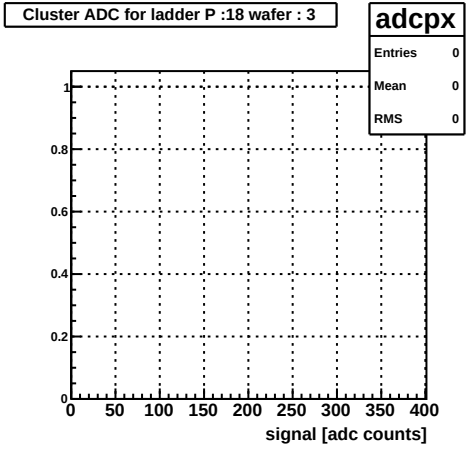

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

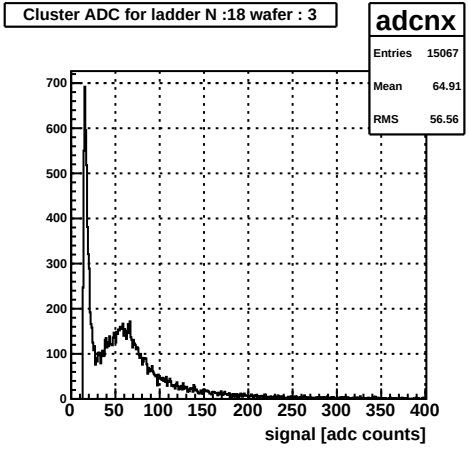

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 10716
Mean 55.07
RMS 50.99
signal [adc counts]

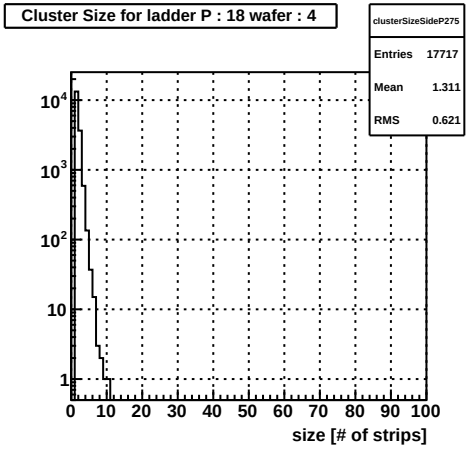

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

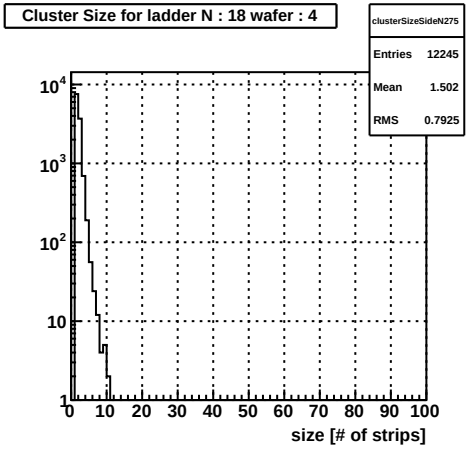

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 15067
Mean 1.509
RMS 0.8233
size [# of strips]

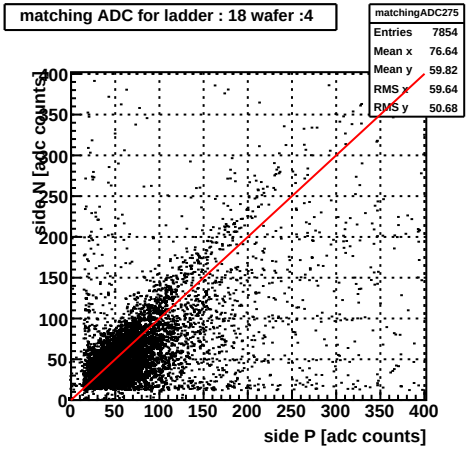

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

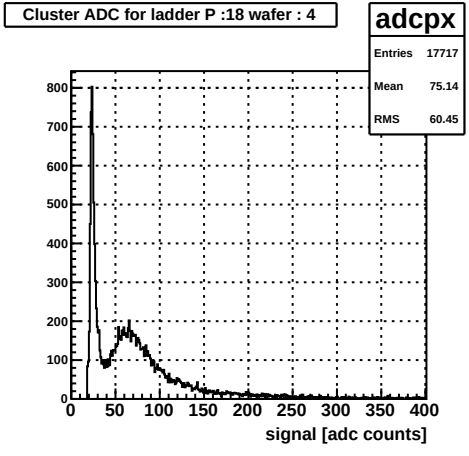

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

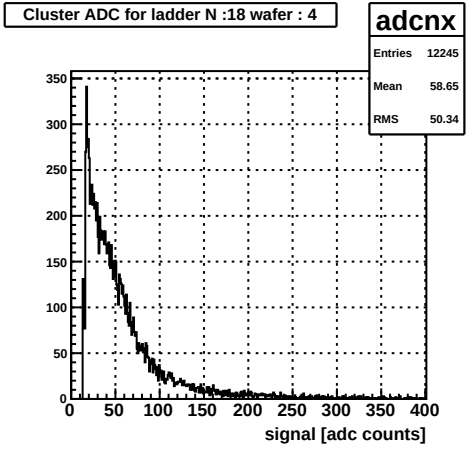

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 15067
Mean 64.91
RMS 56.56
signal [adc counts]

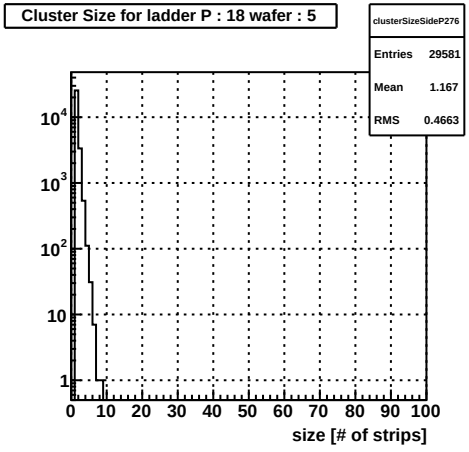

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 17717
Mean 1.311
RMS 0.621
size [# of strips]

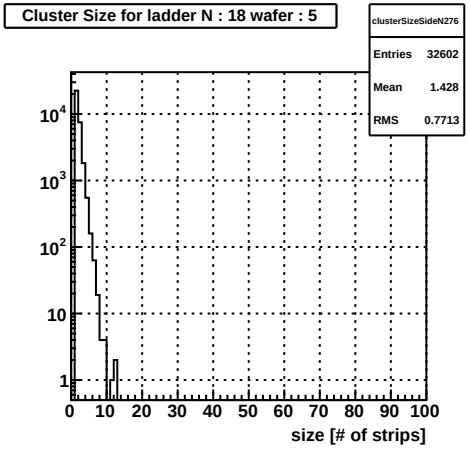

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 12245
Mean 1.502
RMS 0.7925
size [# of strips]

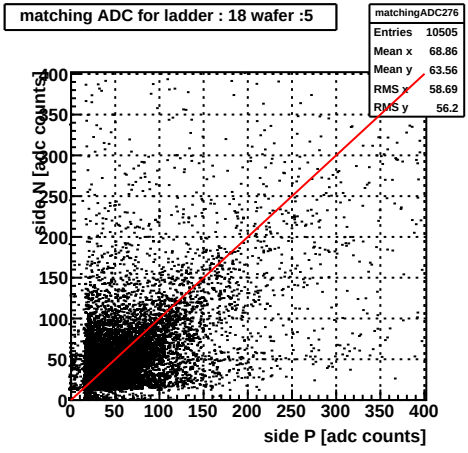

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 7854
Mean x 76.64
Mean y 59.82
RMS x 59.64
RMS y 50.68
side N [adc counts]
side P [adc counts]

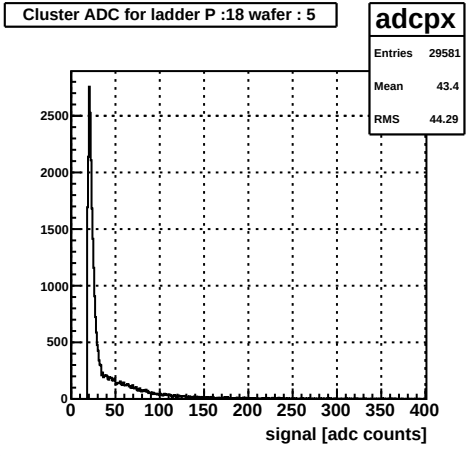

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 17717
Mean 75.14
RMS 60.45
signal [adc counts]

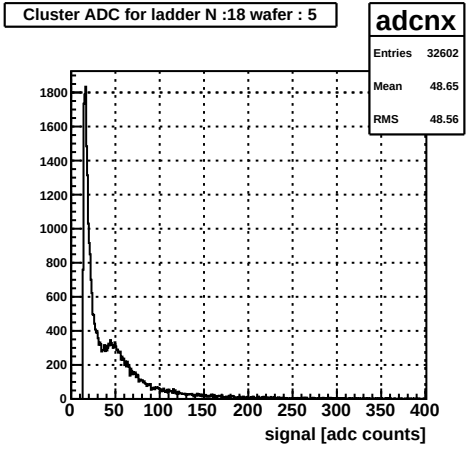

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 12245
Mean 58.65
RMS 50.34
signal [adc counts]

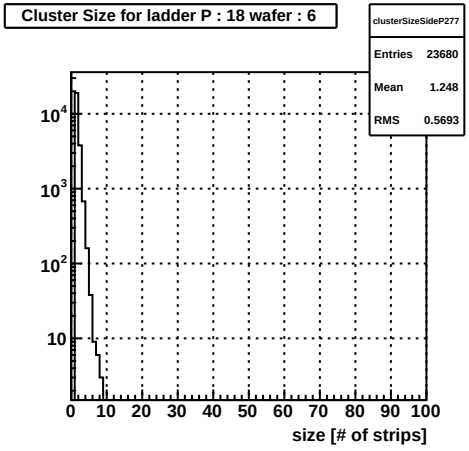

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 29581
Mean 1.167
RMS 0.4663
size [# of strips]

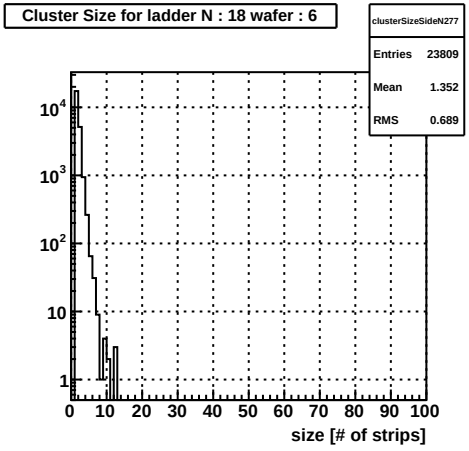

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 32602
Mean 1.428
RMS 0.7713
size [# of strips]

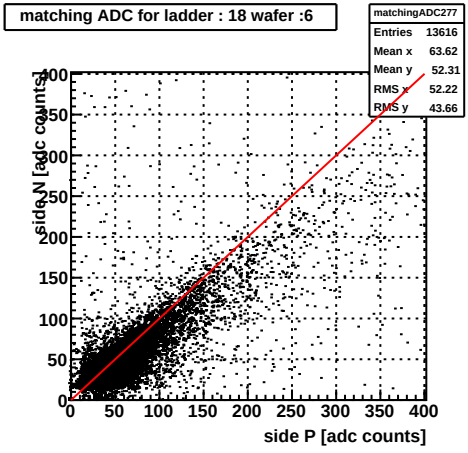

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 10505
Mean x 68.86
Mean y 63.56
RMS x 58.69
RMS y 56.2
side N [adc counts]
side P [adc counts]

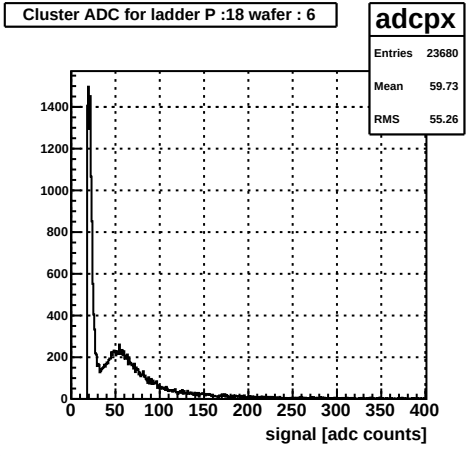

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 29581
Mean 43.4
RMS 44.29
signal [adc counts]

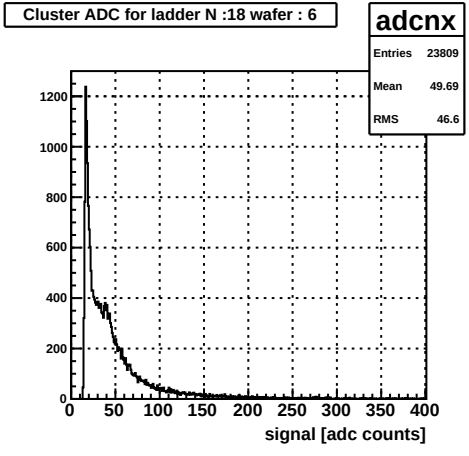

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 32602
Mean 48.65
RMS 48.56
signal [adc counts]

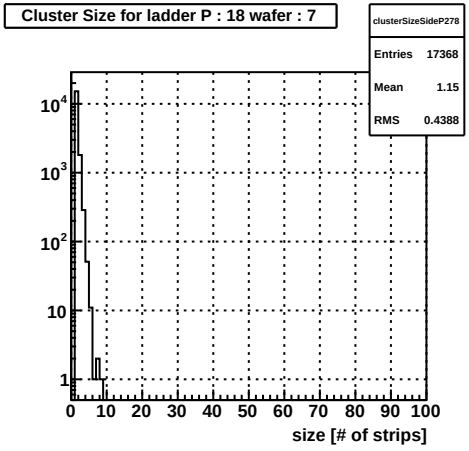

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 23680
Mean 1.248
RMS 0.5693
size [# of strips]

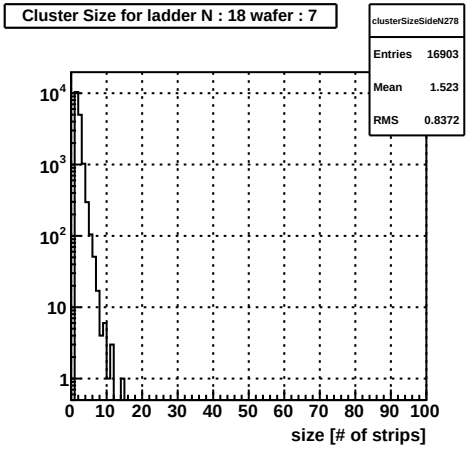

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 23809
Mean 1.352
RMS 0.689
size [# of strips]

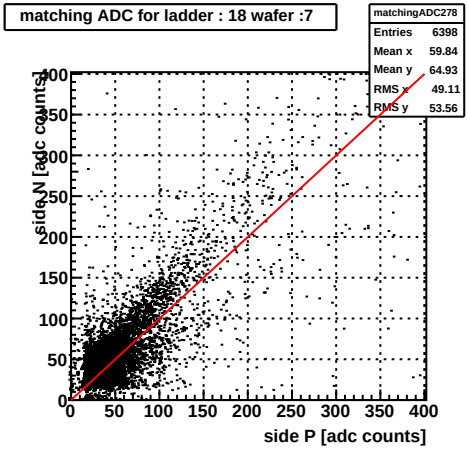

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 13616
Mean x 63.62
Mean y 52.31
RMS x 52.22
RMS y 43.66
side N [adc counts]
side P [adc counts]

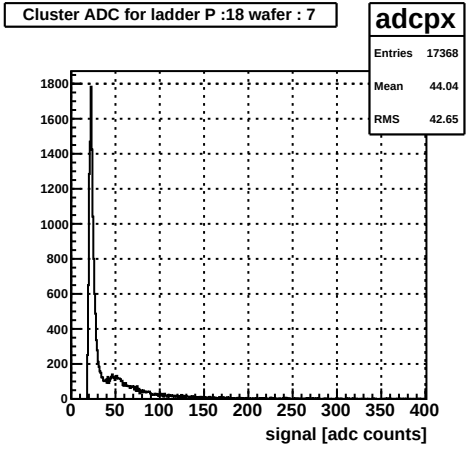

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 23680
Mean 59.73
RMS 55.26
signal [adc counts]

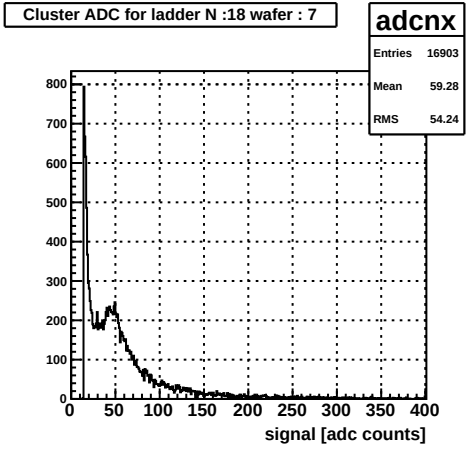

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 23809
Mean 49.69
RMS 46.6
signal [adc counts]

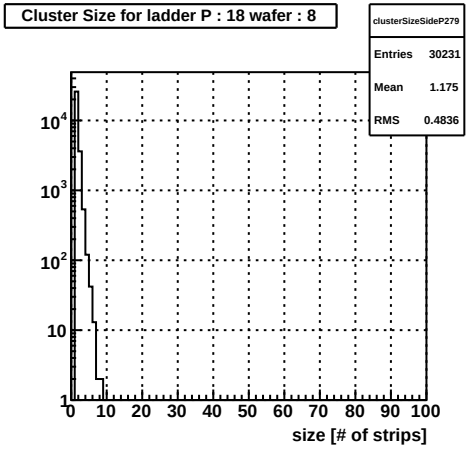

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 17368
Mean 1.15
RMS 0.4388
size [# of strips]

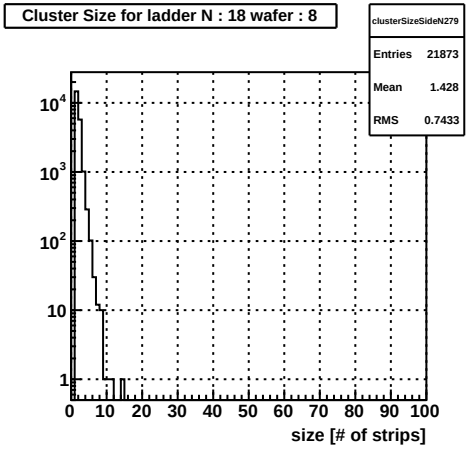

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 16903
Mean 1.523
RMS 0.8372
size [# of strips]

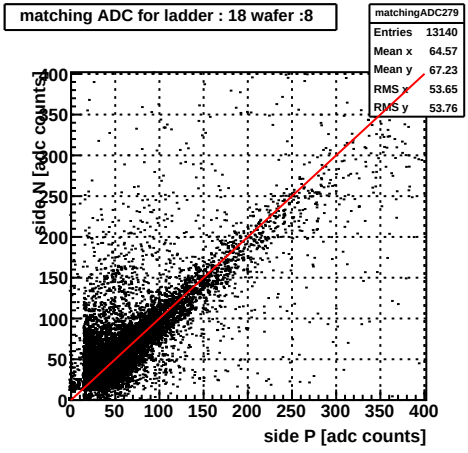

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 6398
Mean x 59.84
Mean y 64.93
RMS x 49.11
RMS y 53.56
side N [adc counts]
side P [adc counts]

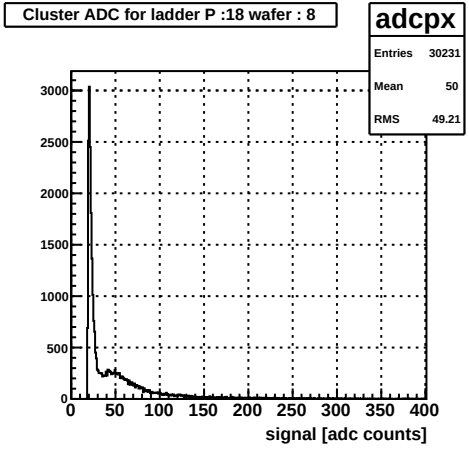

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 17368
Mean 44.04
RMS 42.65
signal [adc counts]

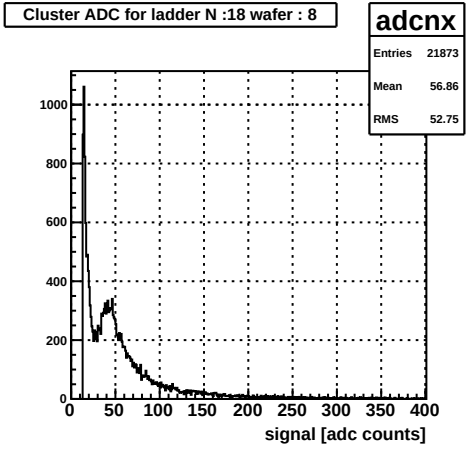

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 16903
Mean 59.28
RMS 54.24
signal [adc counts]

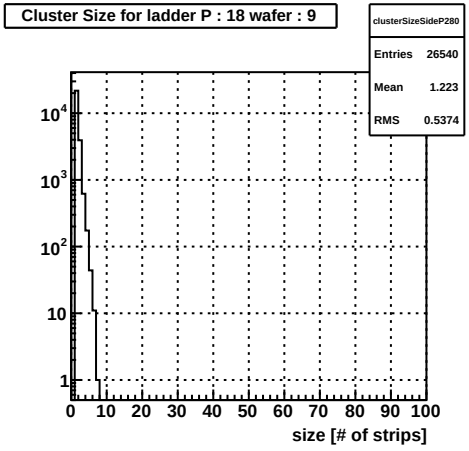

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 30231
Mean 1.175
RMS 0.4836
size [# of strips]

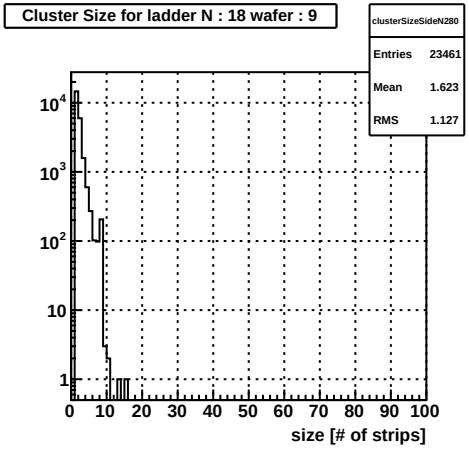

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 21873
Mean 1.428
RMS 0.7433
size [# of strips]

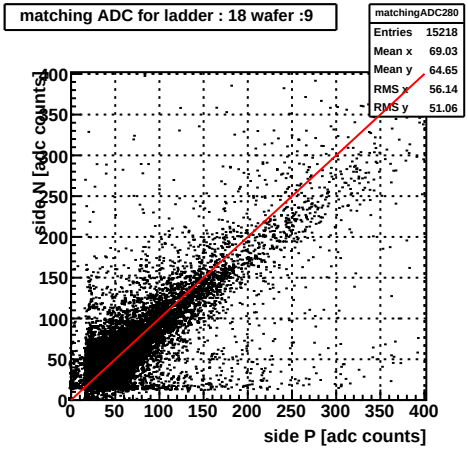

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 13140
Mean x 64.57
Mean y 67.23
RMS x 53.65
RMS y 53.76
side N [adc counts]
side P [adc counts]

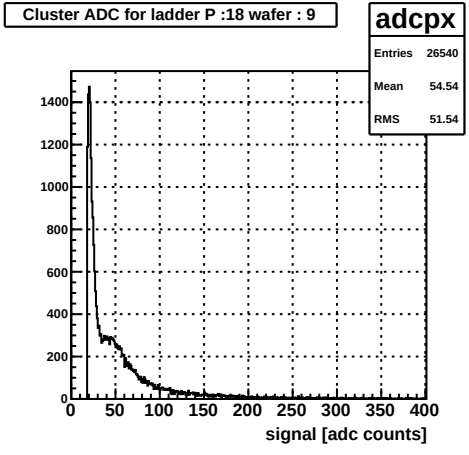

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 30231
Mean 50
RMS 49.21
signal [adc counts]

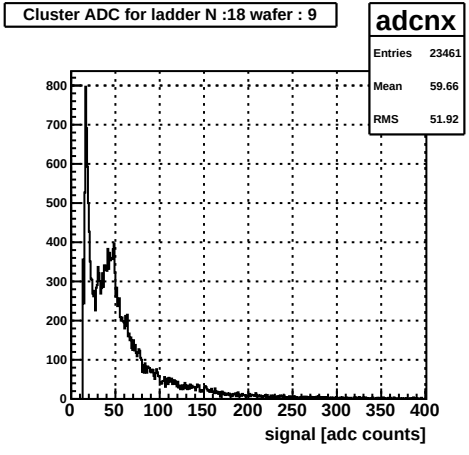

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 21873
Mean 56.86
RMS 52.75
signal [adc counts]

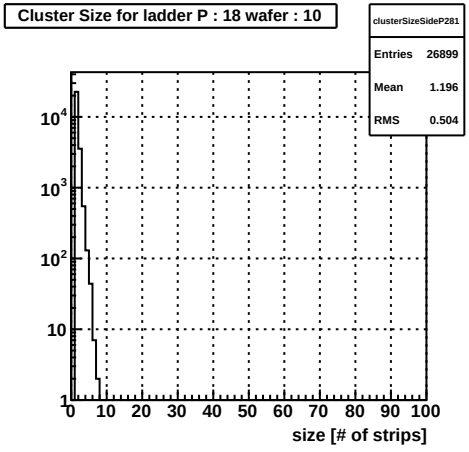

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 26540
Mean 1.223
RMS 0.5374
size [# of strips]

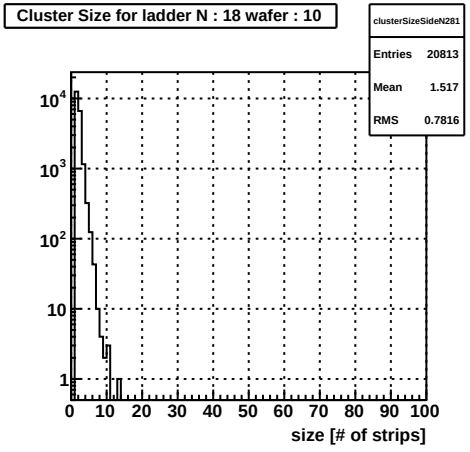

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 23461
Mean 1.623
RMS 1.127
size [# of strips]

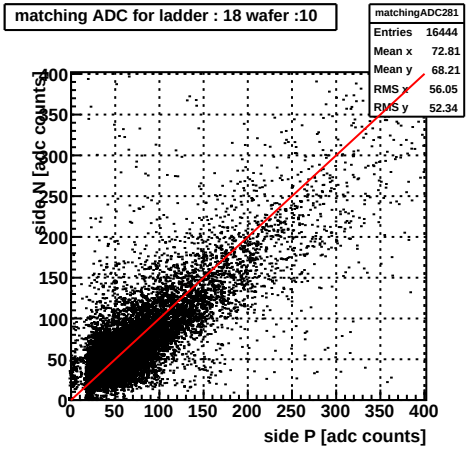

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 15218
Mean x 69.03
Mean y 64.65
RMS x 56.14
RMS y 51.06
side N [adc counts]
side P [adc counts]

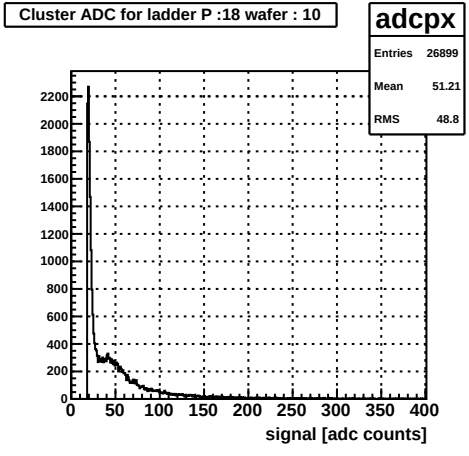

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 26540
Mean 54.54
RMS 51.54
signal [adc counts]

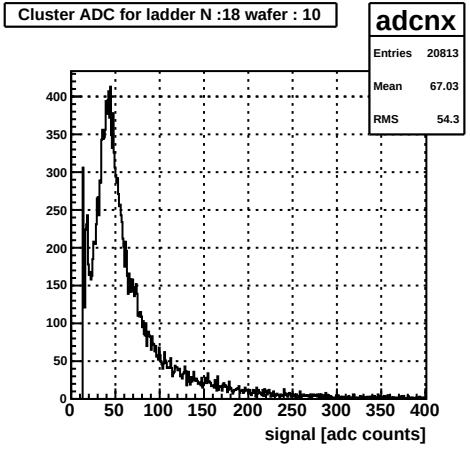

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 23461
Mean 59.66
RMS 51.92
signal [adc counts]

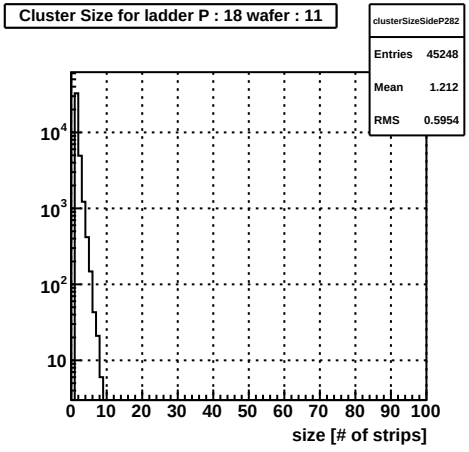

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 26899
Mean 1.196
RMS 0.504
size [# of strips]

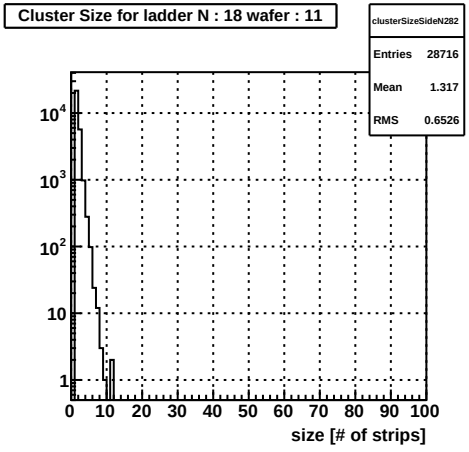

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 20813
Mean 1.517
RMS 0.7816
size [# of strips]

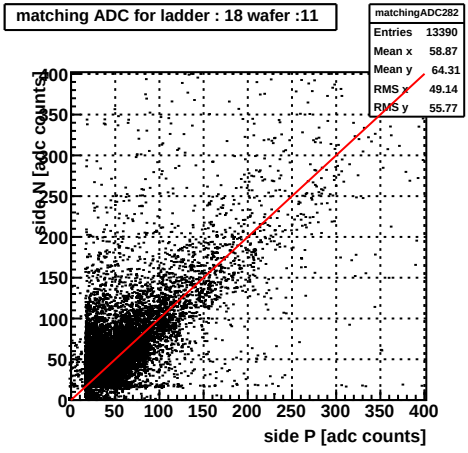

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 16444
Mean x 72.81
Mean y 68.21
RMS x 56.05
RMS y 52.34
side N [adc counts]
side P [adc counts]

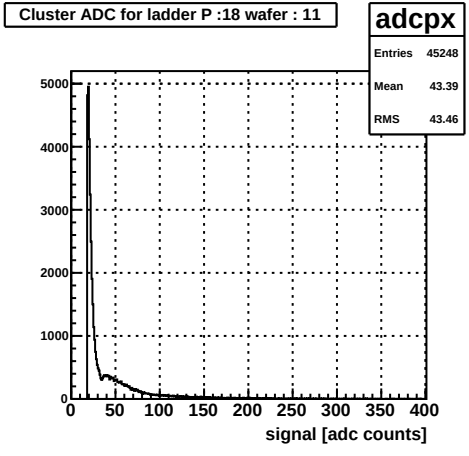

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 26899
Mean 51.21
RMS 48.8
signal [adc counts]

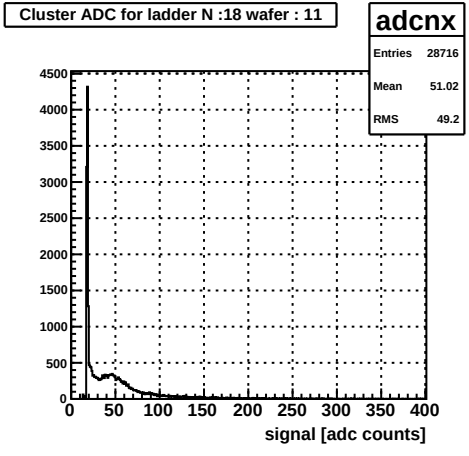

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 20813
Mean 67.03
RMS 54.3
signal [adc counts]

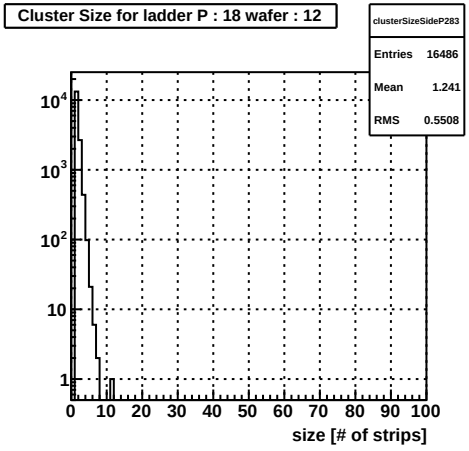

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 45248
Mean 1.212
RMS 0.5954
size [# of strips]

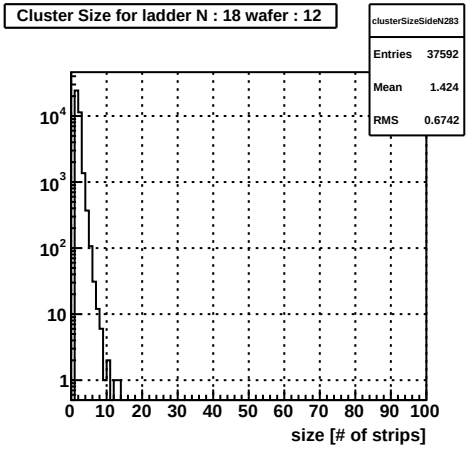

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 28716
Mean 1.317
RMS 0.6526
size [# of strips]

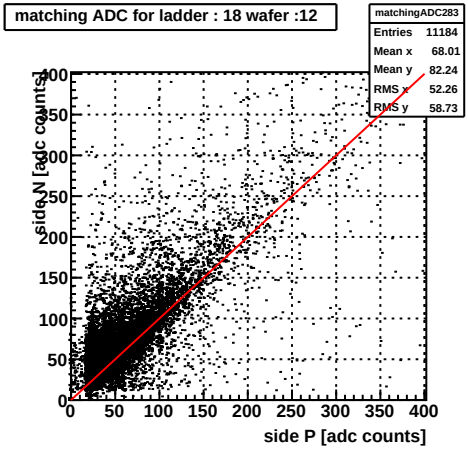

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 13390
Mean x 58.87
Mean y 64.31
RMS x 49.14
RMS y 55.77
side N [adc counts]
side P [adc counts]

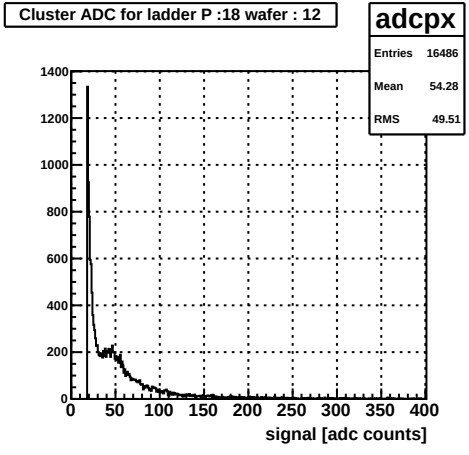

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 45248
Mean 43.39
RMS 43.46
signal [adc counts]

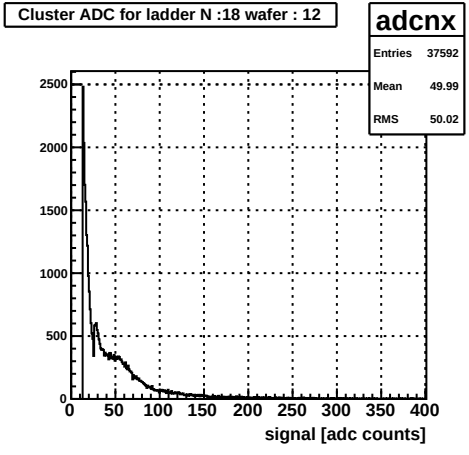

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 28716
Mean 51.02
RMS 49.2
signal [adc counts]

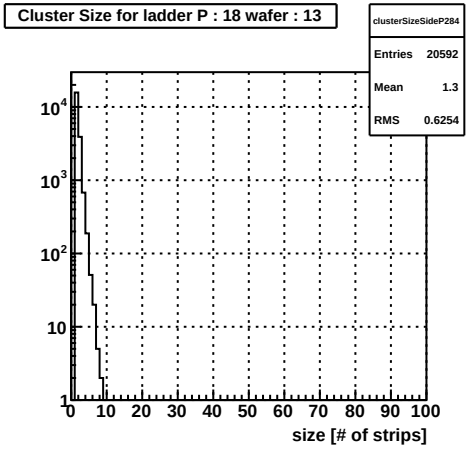

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 16486
Mean 1.241
RMS 0.5508
size [# of strips]

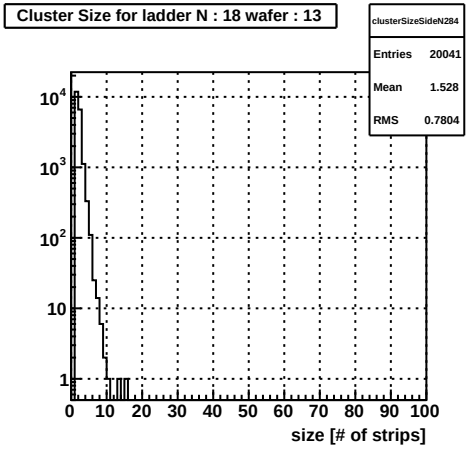

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 37592
Mean 1.424
RMS 0.6742
size [# of strips]

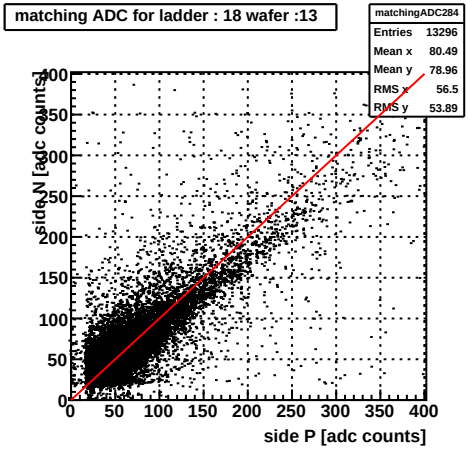

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 11184
Mean x 68.01
Mean y 82.24
RMS x 52.26
RMS y 58.73
side N [adc counts]
side P [adc counts]

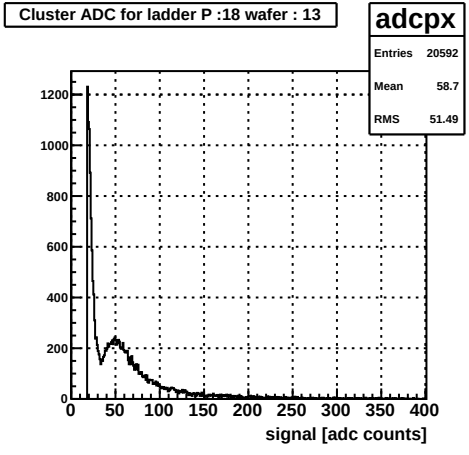

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 16486
Mean 54.28
RMS 49.51
signal [adc counts]

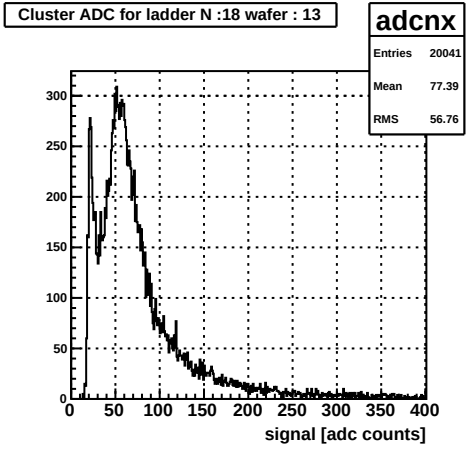

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 37592
Mean 49.99
RMS 50.02
signal [adc counts]

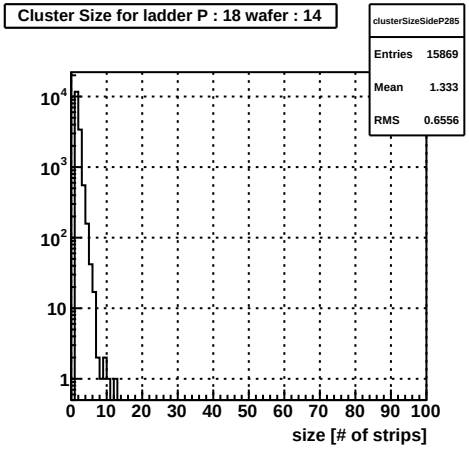

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 20592
Mean 1.3
RMS 0.6254
size [# of strips]

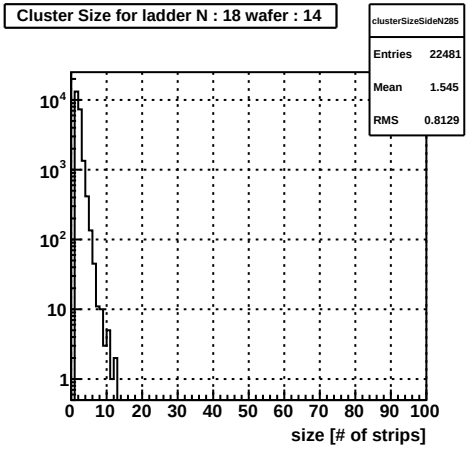

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 20041
Mean 1.528
RMS 0.7804
size [# of strips]

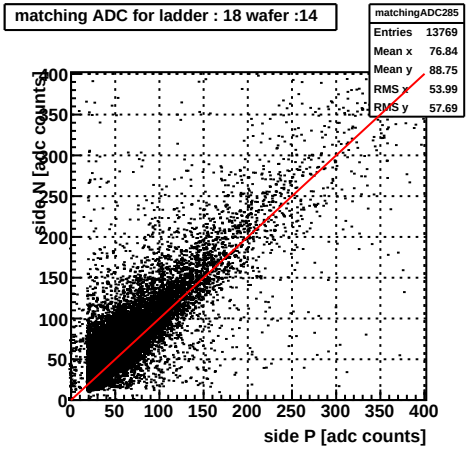

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 13296
Mean x 80.49
Mean y 78.96
RMS x 56.5
RMS y 53.89
side N [adc counts]
side P [adc counts]

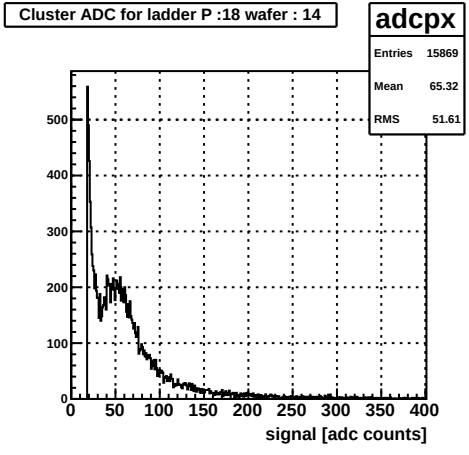

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 20592
Mean 58.7
RMS 51.49
signal [adc counts]

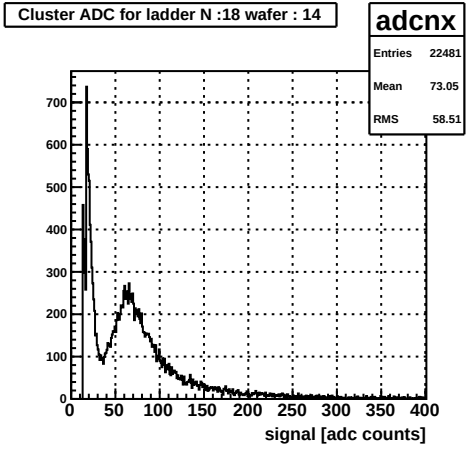

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 20041
Mean 77.39
RMS 56.76
signal [adc counts]

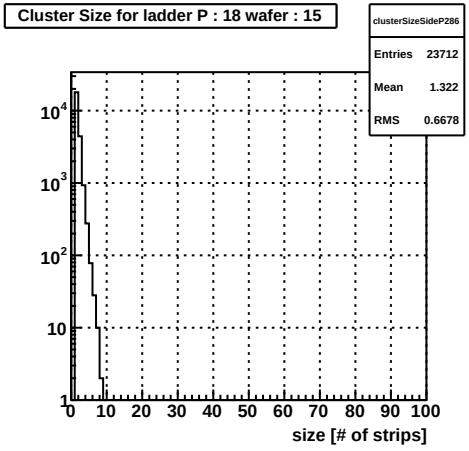

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 15869
Mean 1.333
RMS 0.6556
size [# of strips]

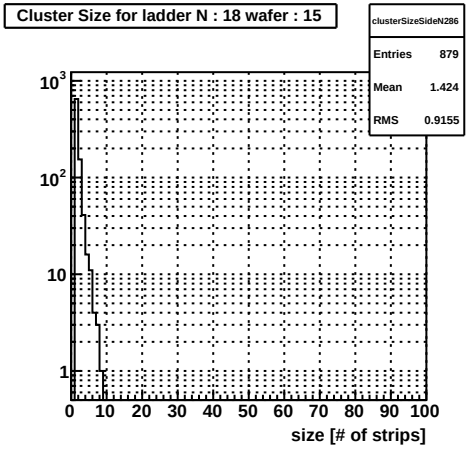

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 22481
Mean 1.545
RMS 0.8129
size [# of strips]

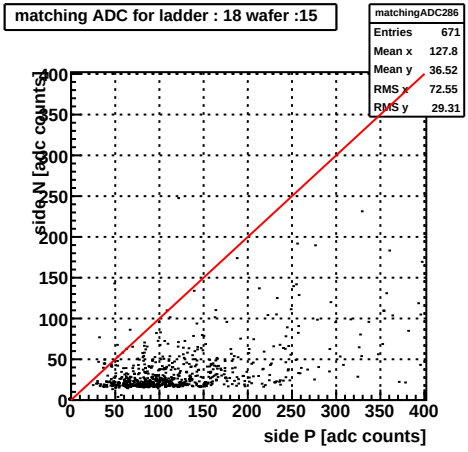

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 13769
Mean x 76.84
Mean y 88.75
RMS x 53.99
RMS y 57.69
side N [adc counts]
side P [adc counts]

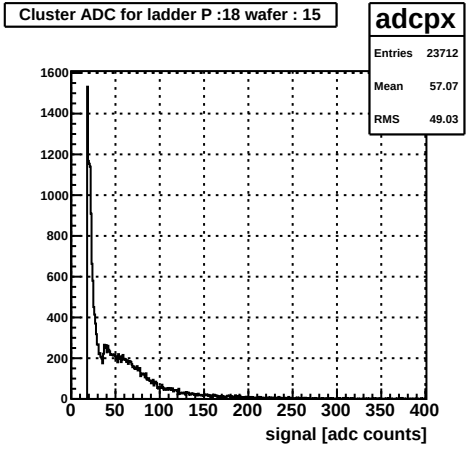

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 15869
Mean 65.32
RMS 51.61
signal [adc counts]

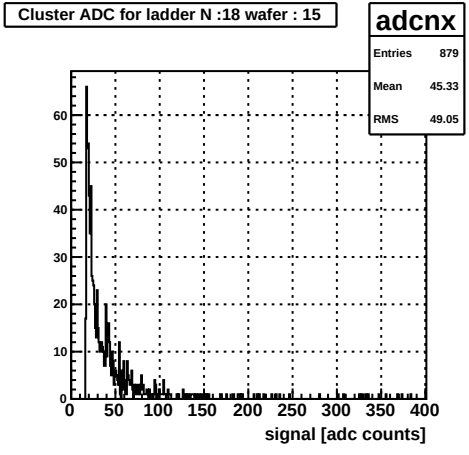

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 22481
Mean 73.05
RMS 58.51
signal [adc counts]

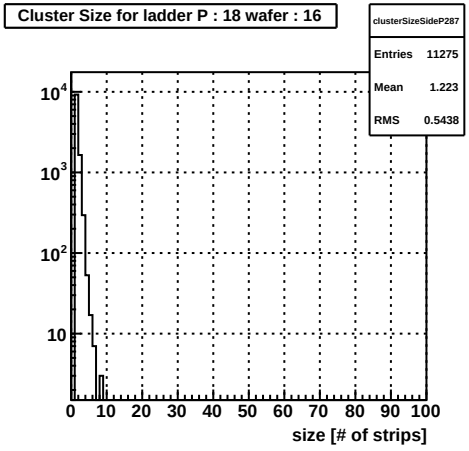

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 23712
Mean 1.322
RMS 0.6678
size [# of strips]

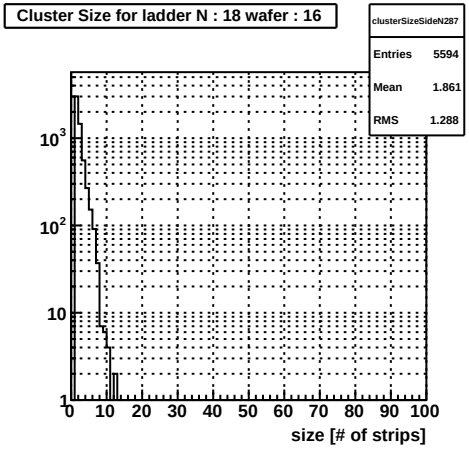

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 879
Mean 1.424
RMS 0.9155
size [# of strips]

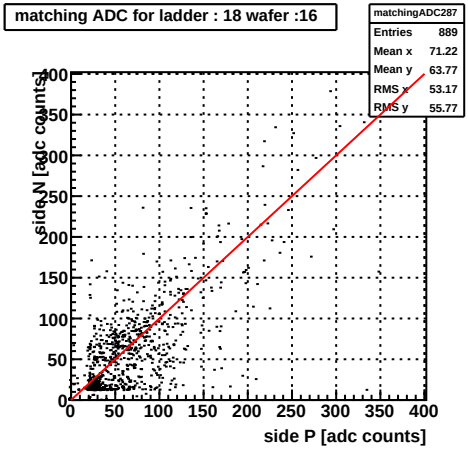

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 671
Mean x 127.8
Mean y 36.52
RMS x 72.55
RMS y 29.31
side N [adc counts]
side P [adc counts]

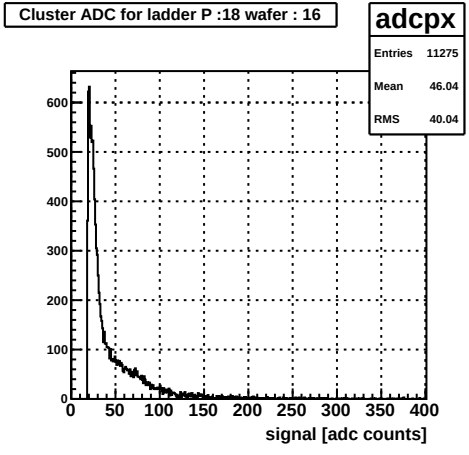

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 23712
Mean 57.07
RMS 49.03
signal [adc counts]

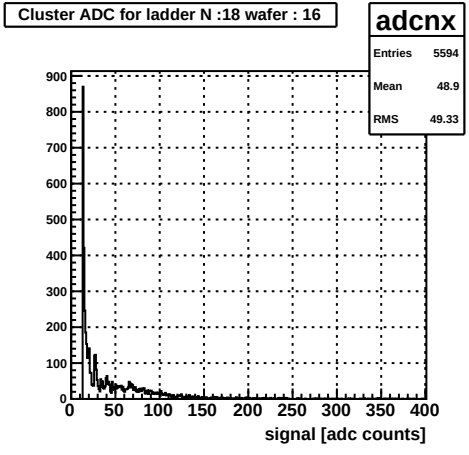

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 879
Mean 45.33
RMS 49.05
signal [adc counts]

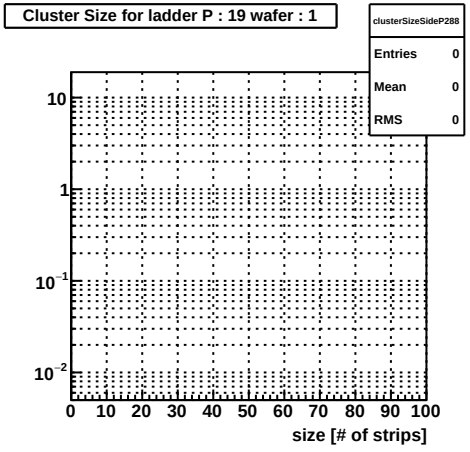

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 11275
Mean 1.223
RMS 0.5438
size [# of strips]

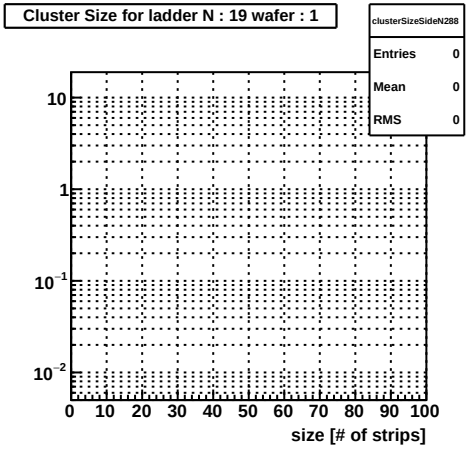

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 5594
Mean 1.861
RMS 1.288
size [# of strips]

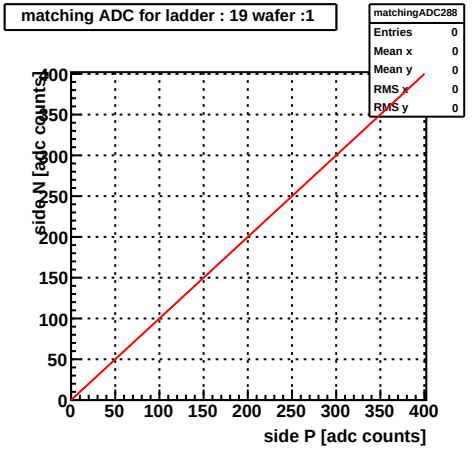

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 889
Mean x 71.22
Mean y 63.77
RMS x 53.17
RMS y 55.77
side N [adc counts]
side P [adc counts]

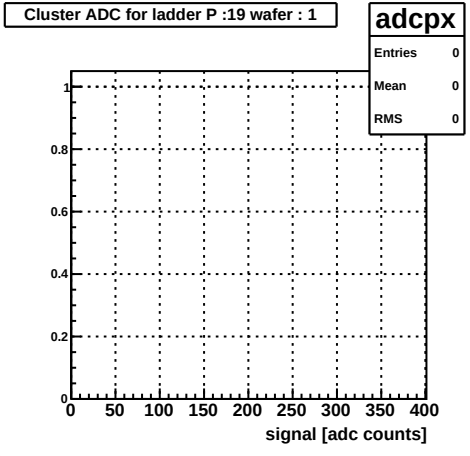

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 11275
Mean 46.04
RMS 40.04
signal [adc counts]

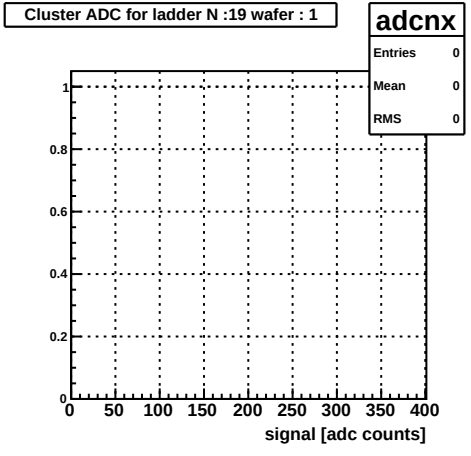

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 5594
Mean 48.9
RMS 49.33
signal [adc counts]

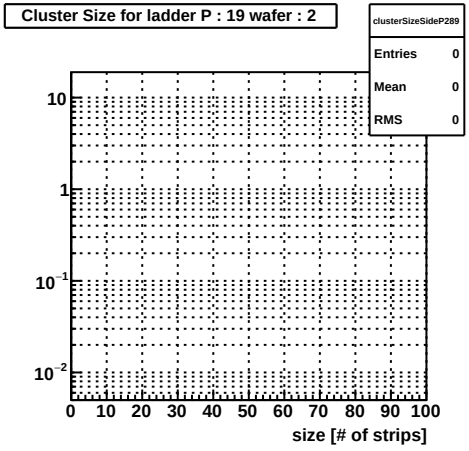

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

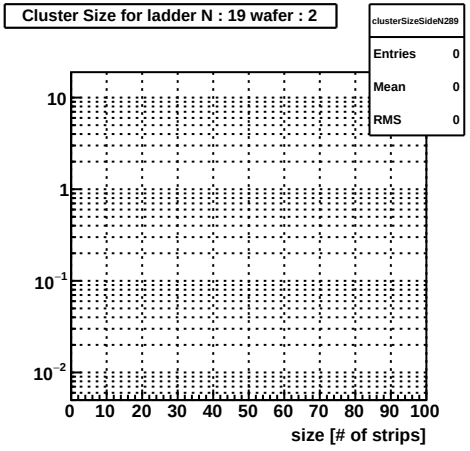

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

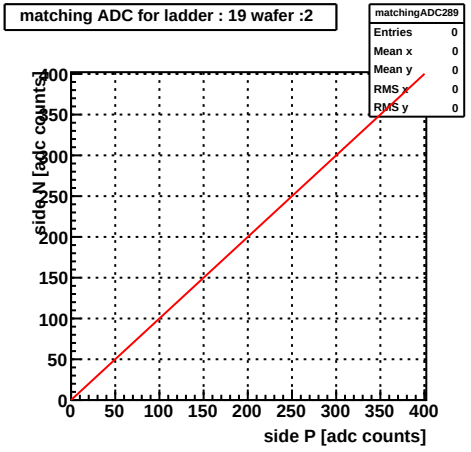

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

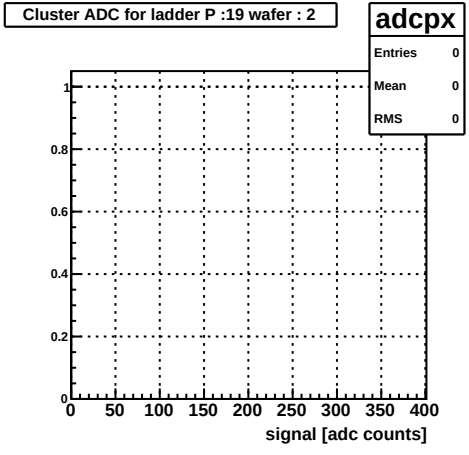

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

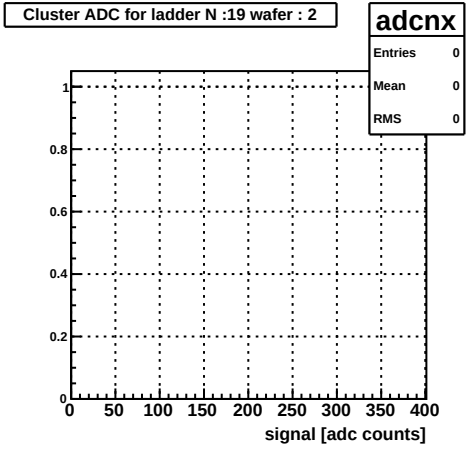

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

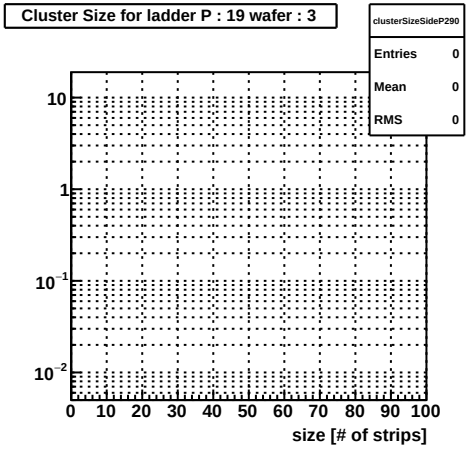

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

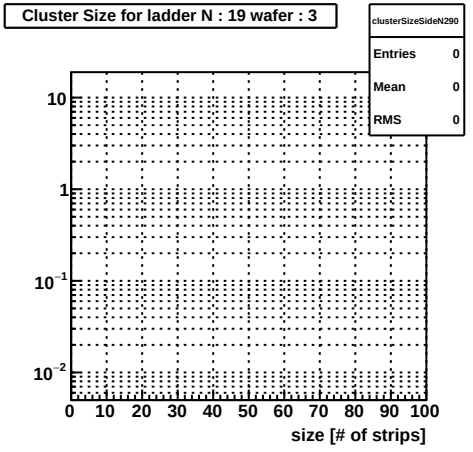

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

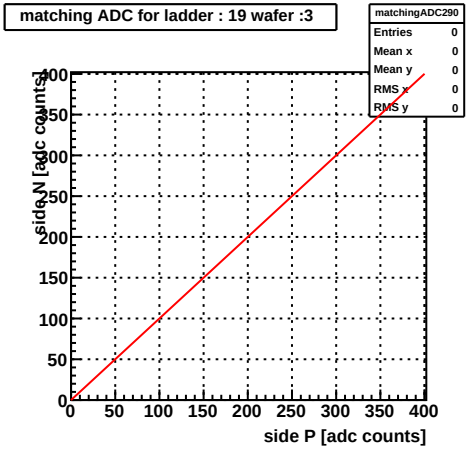

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

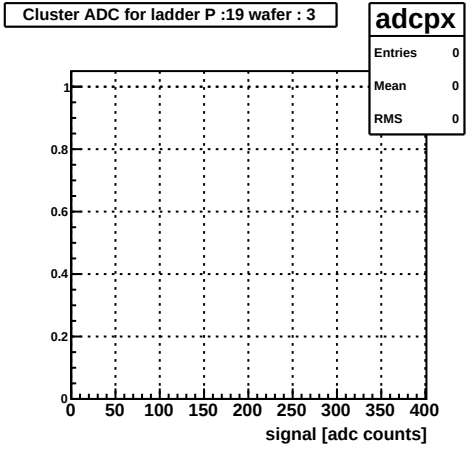

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

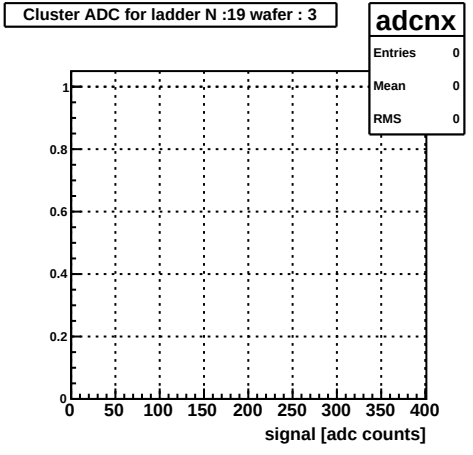

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

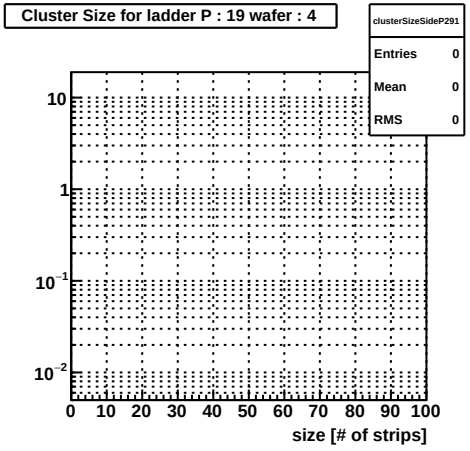

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

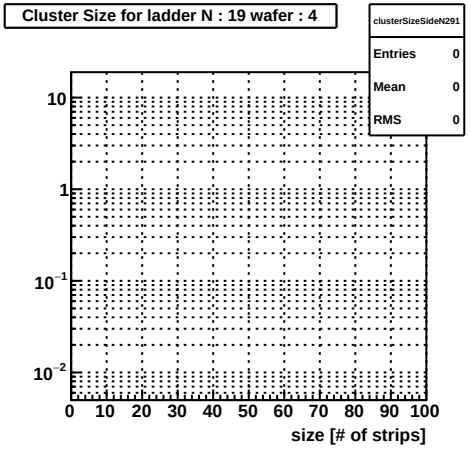

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

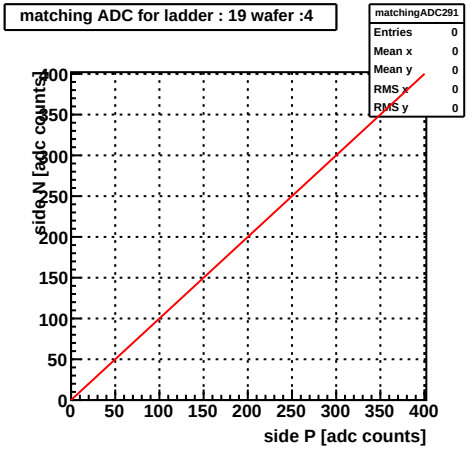

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

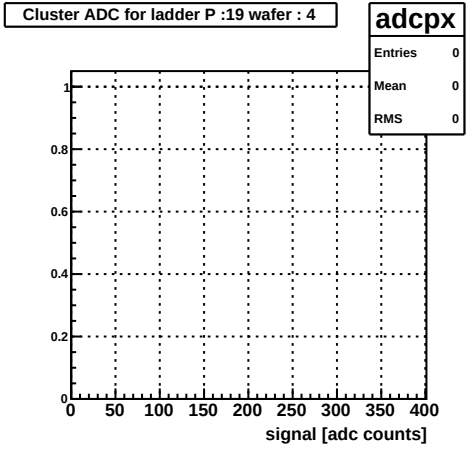

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

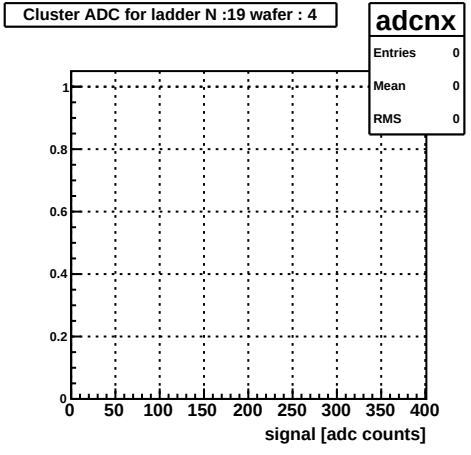

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

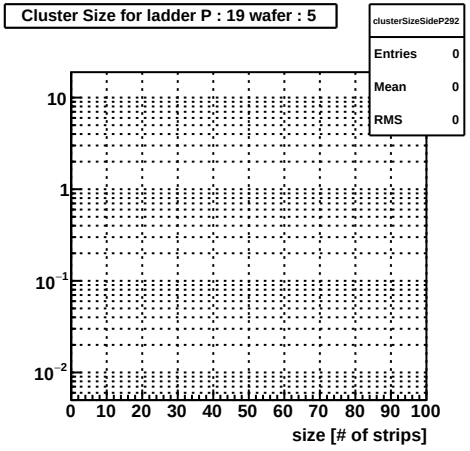

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

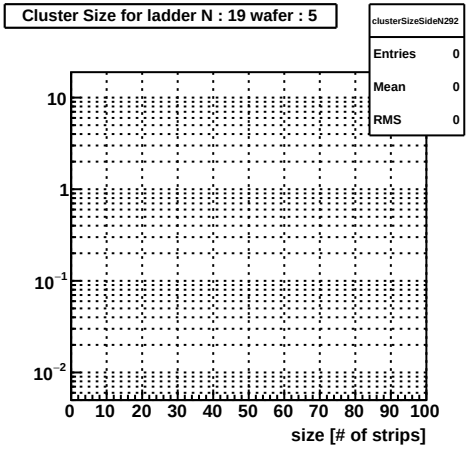

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

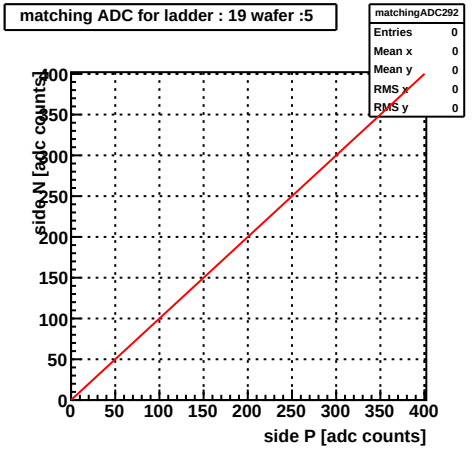

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

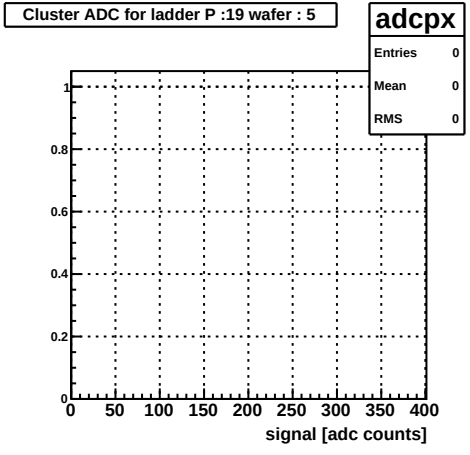

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

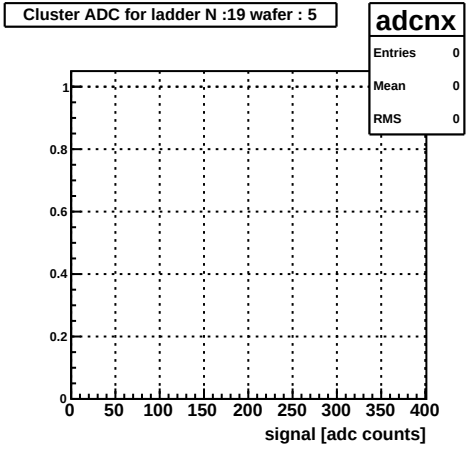

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

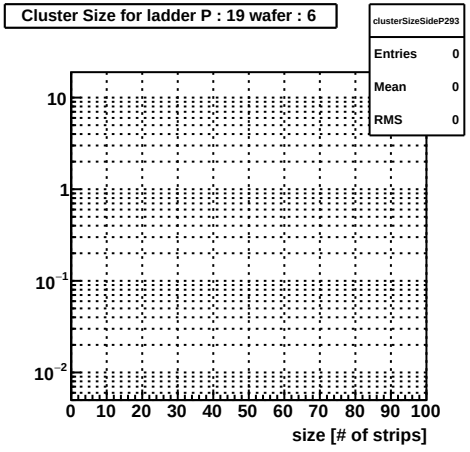

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

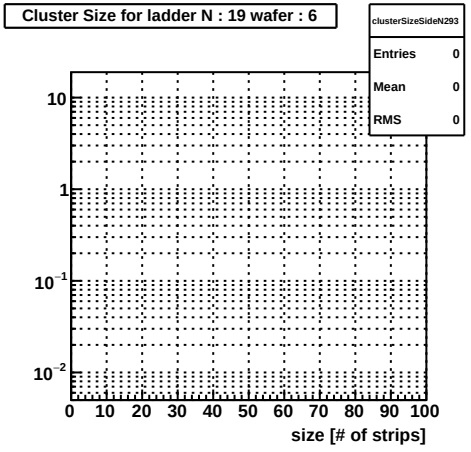

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

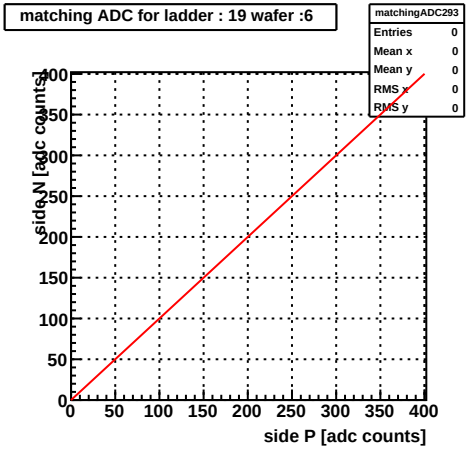

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

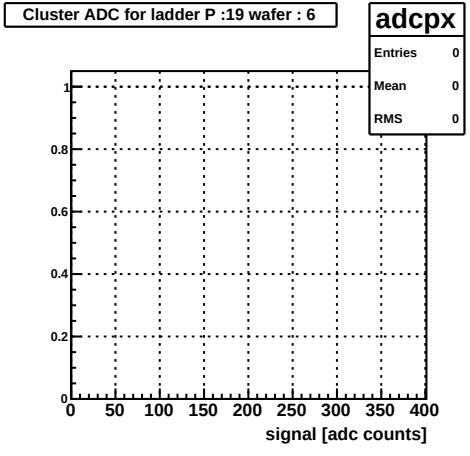

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

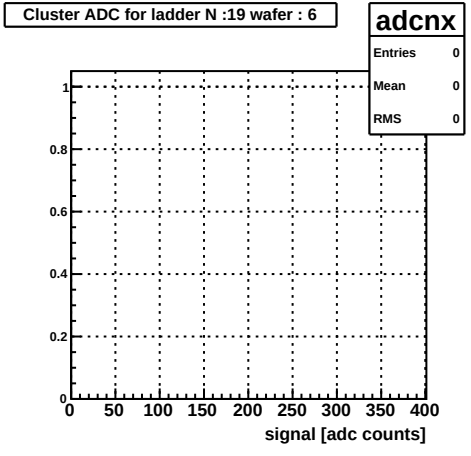

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

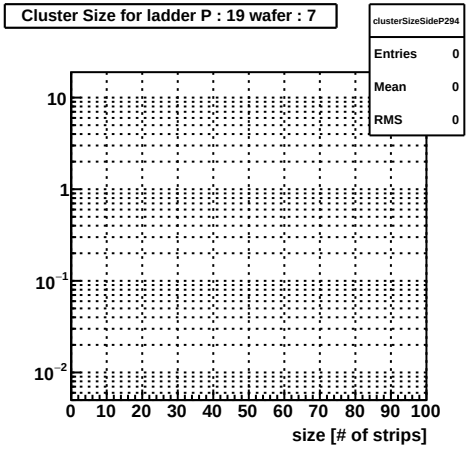

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

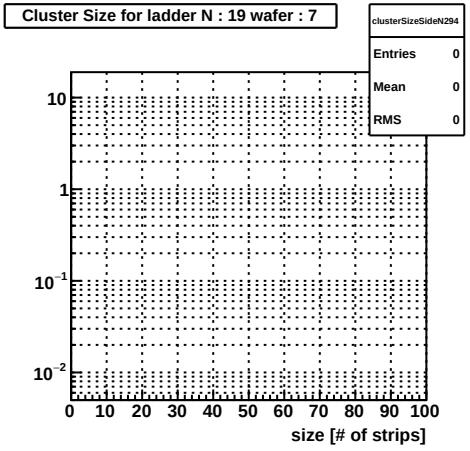

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

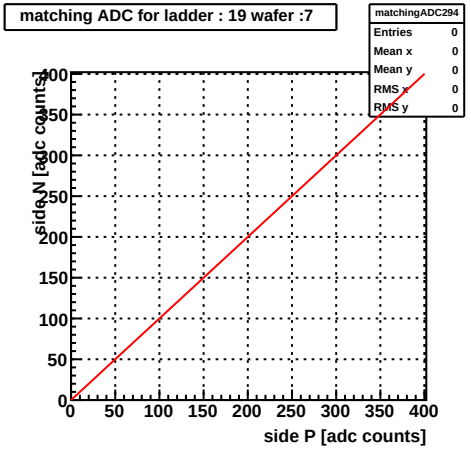

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

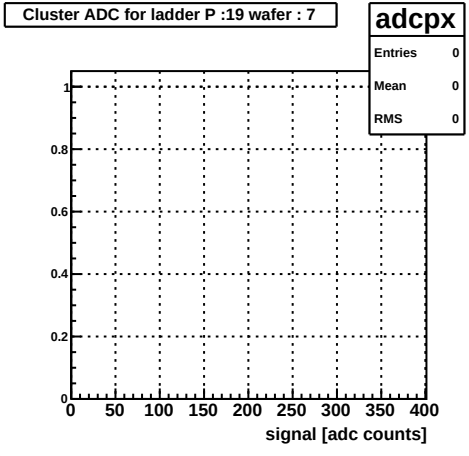

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

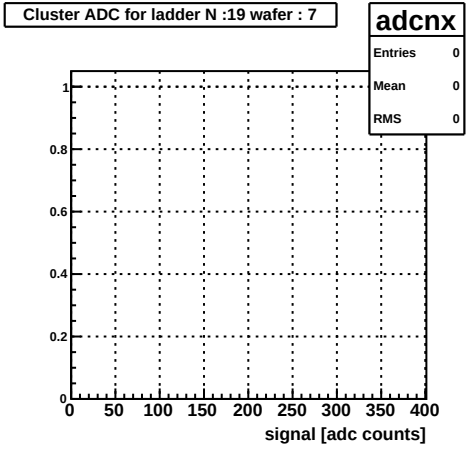

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

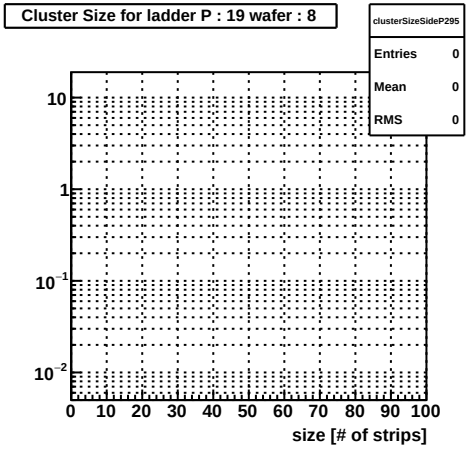

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

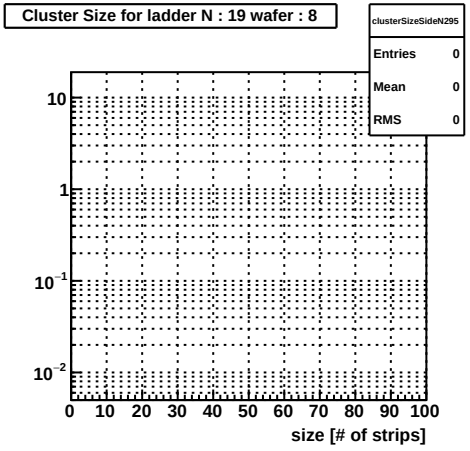

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

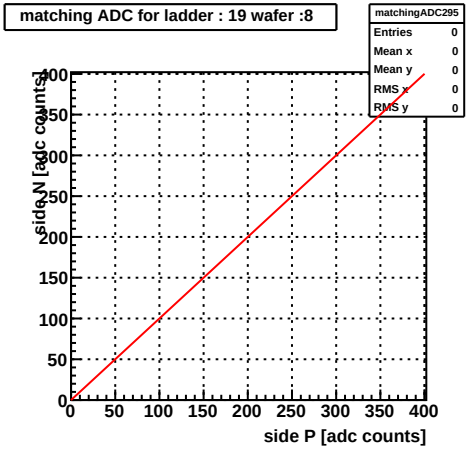

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

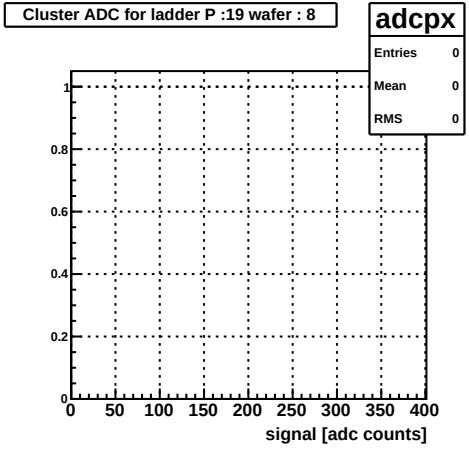

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

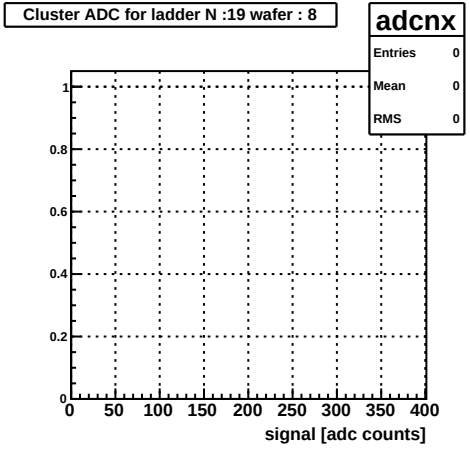

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

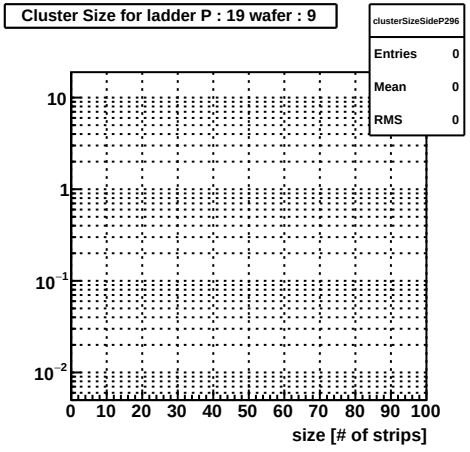

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

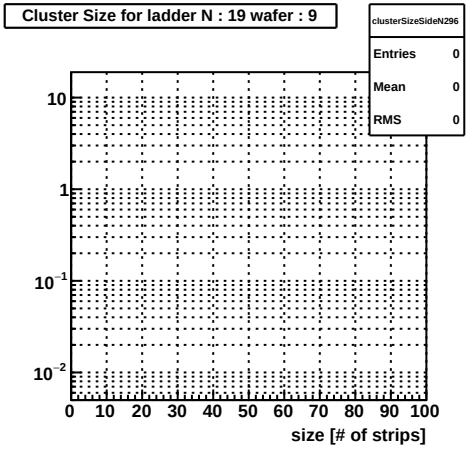

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

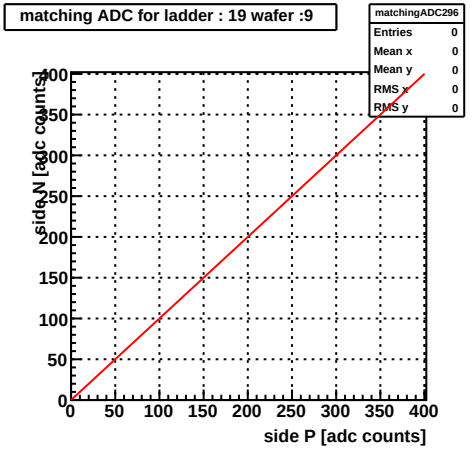

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

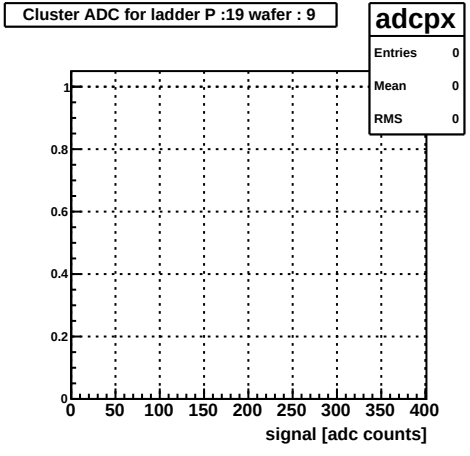

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

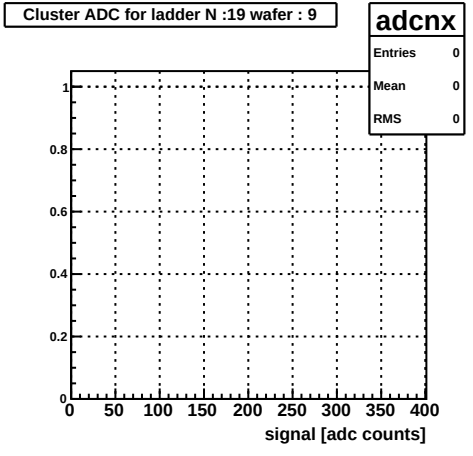

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

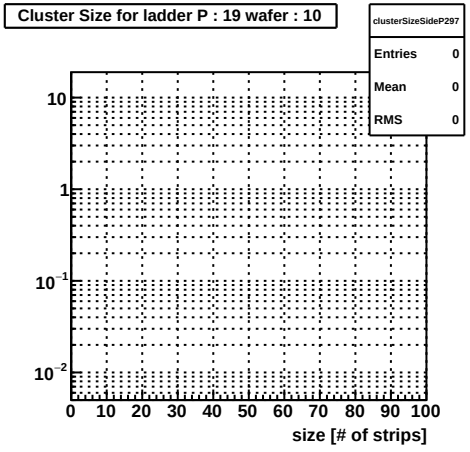

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

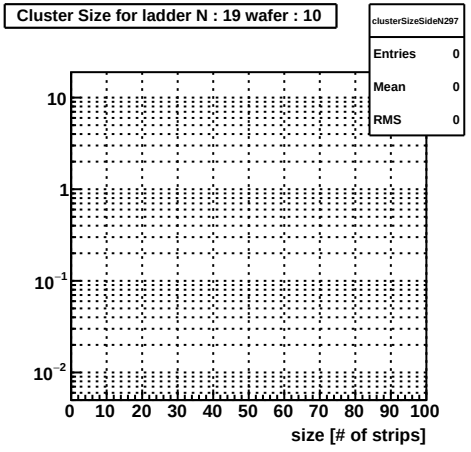

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

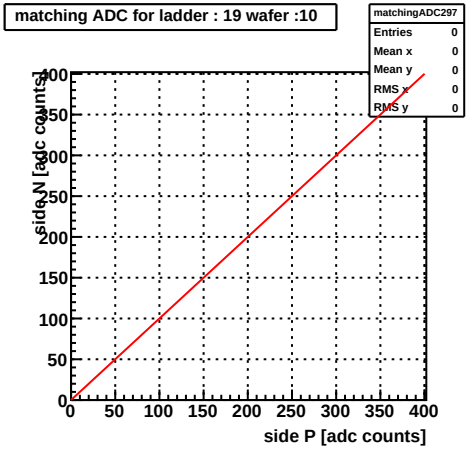

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

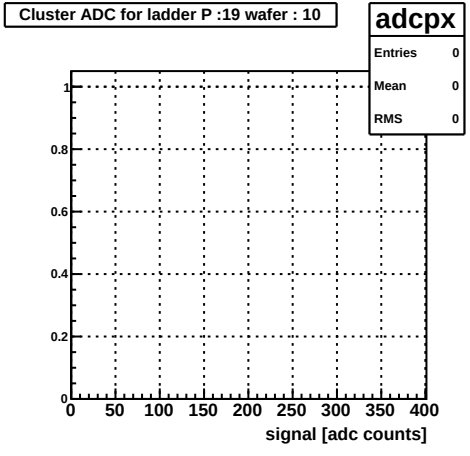

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

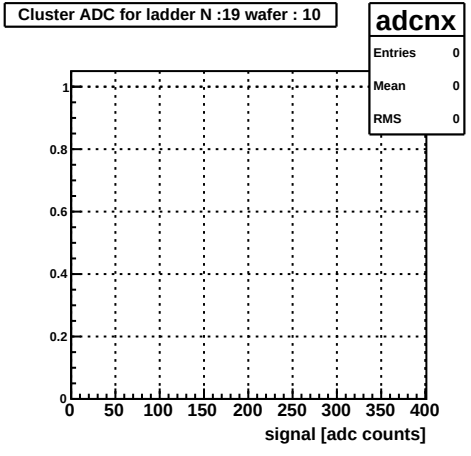

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

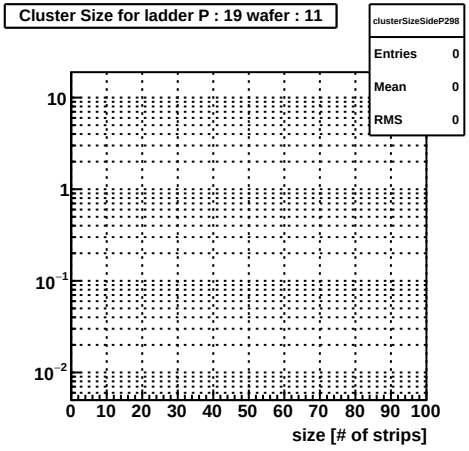

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

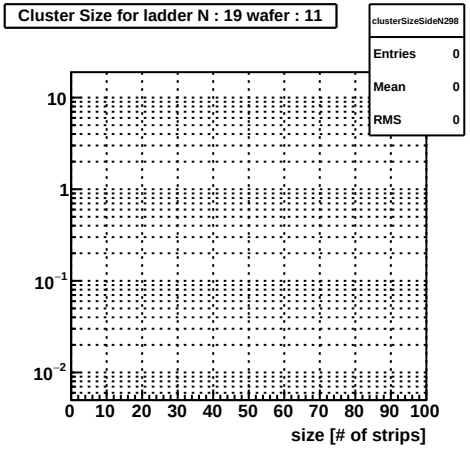

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

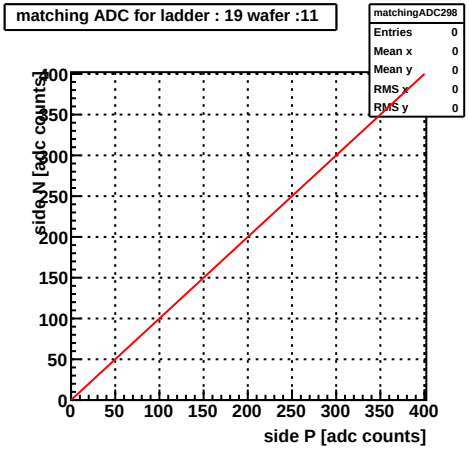

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

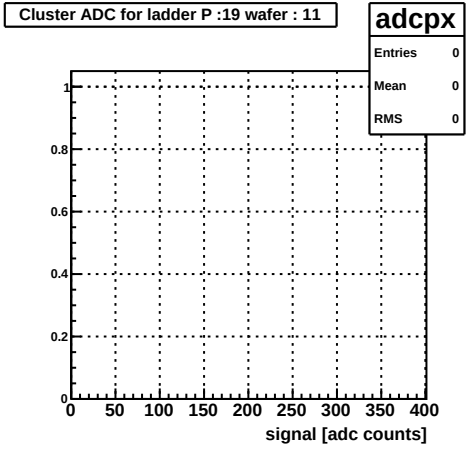

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

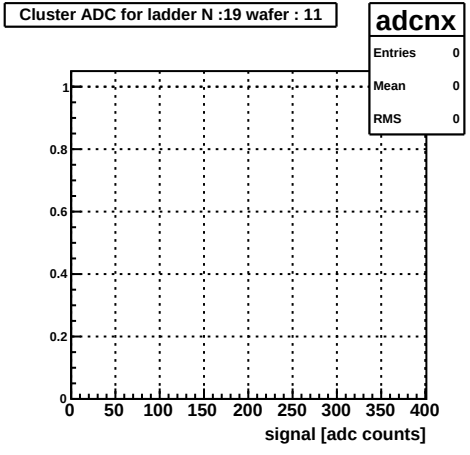

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

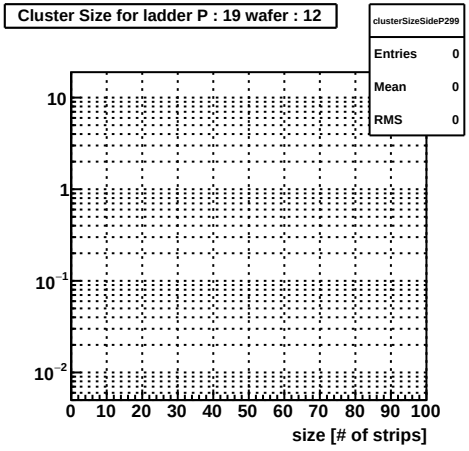

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

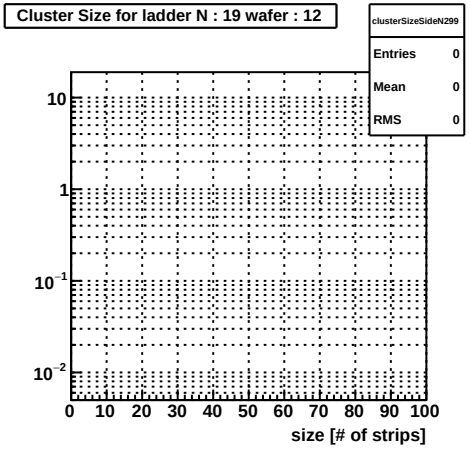

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

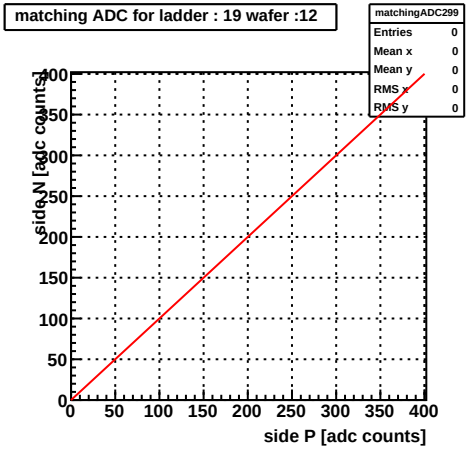

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

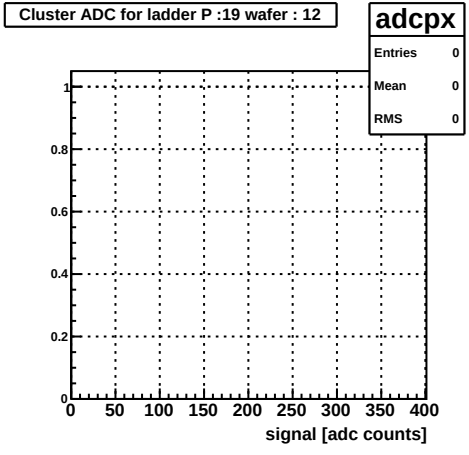

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

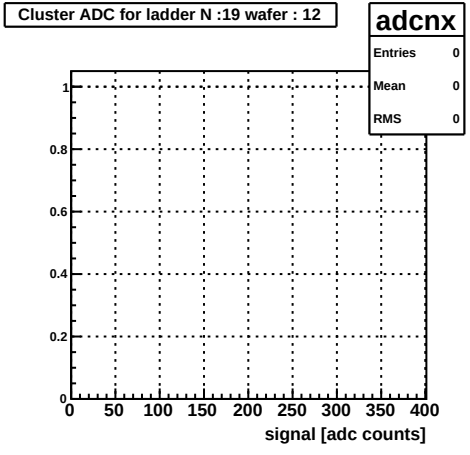

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

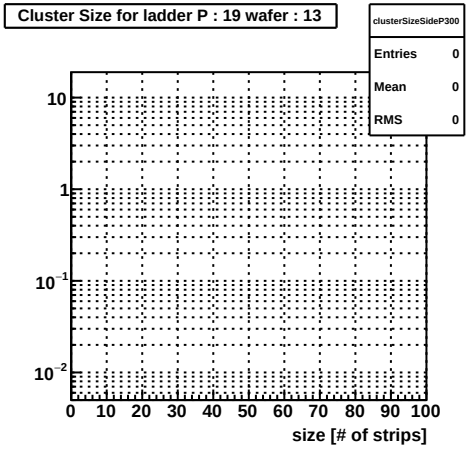

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

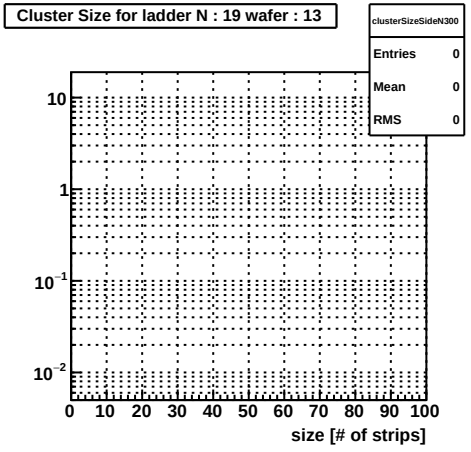

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

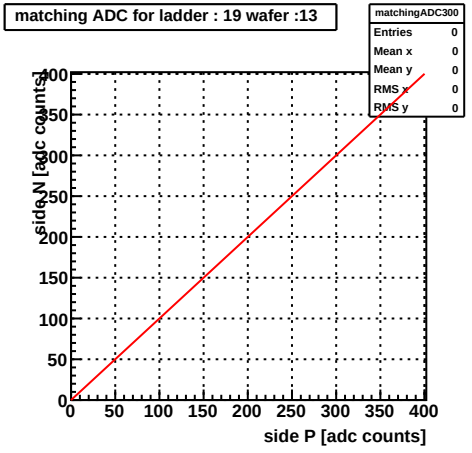

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

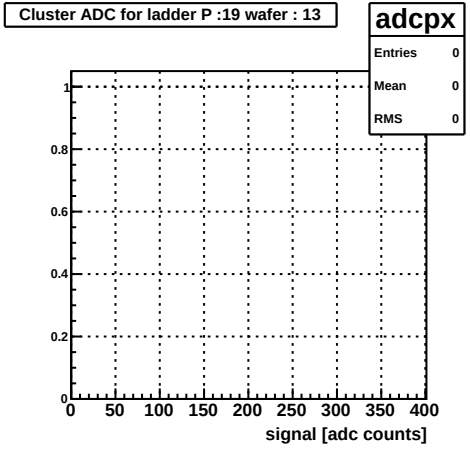

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

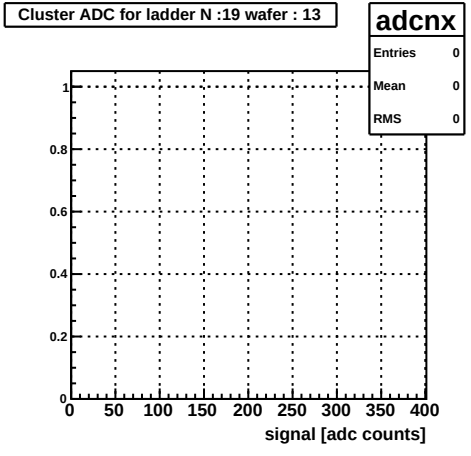

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

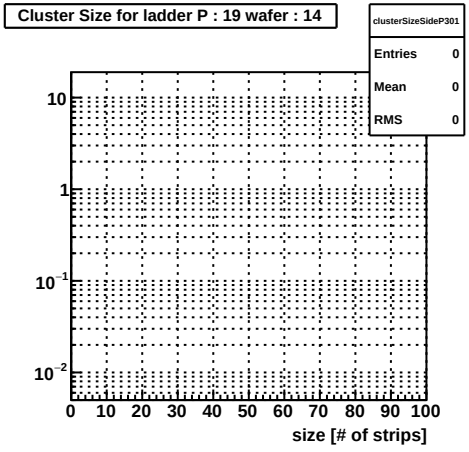

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

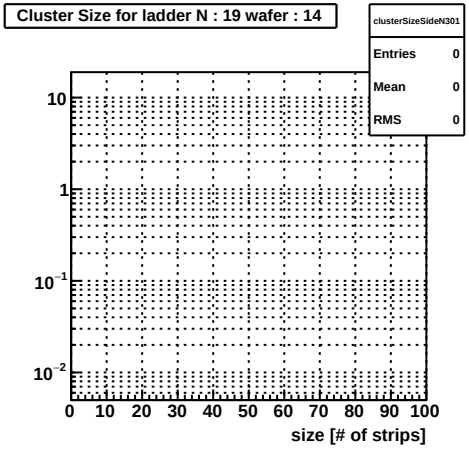

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

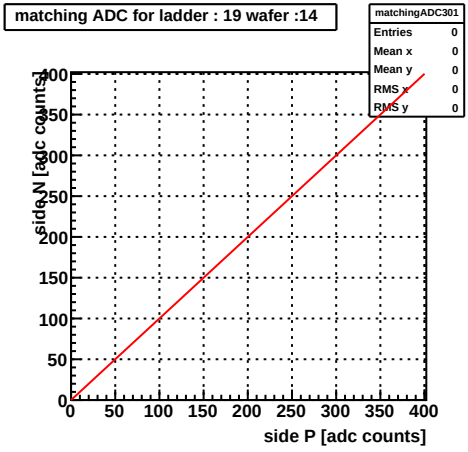

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

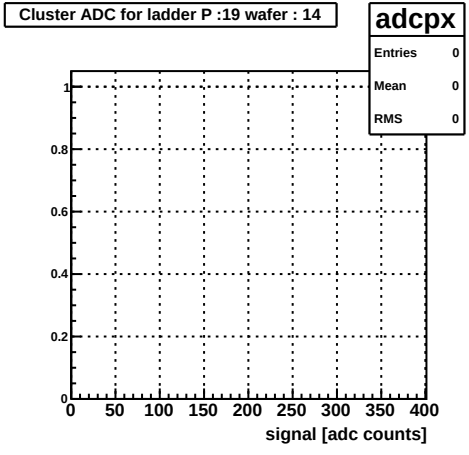

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

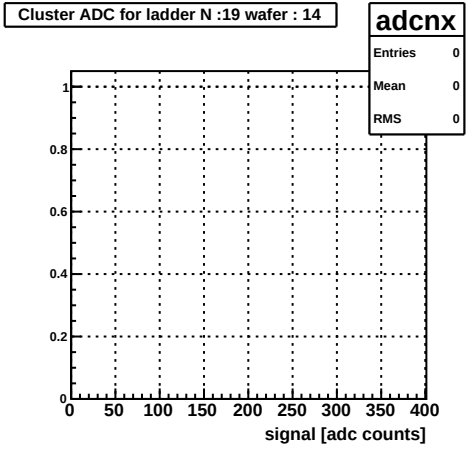

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

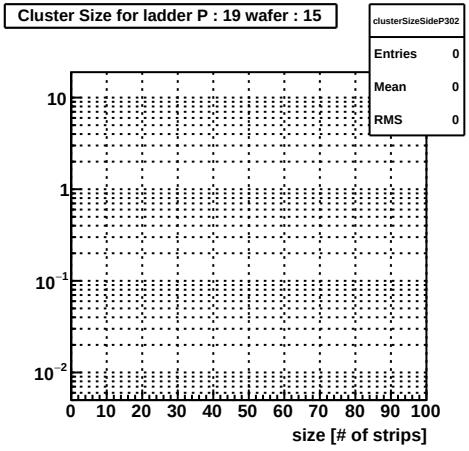

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

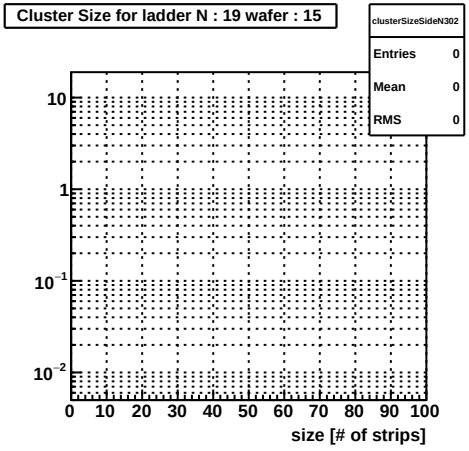

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

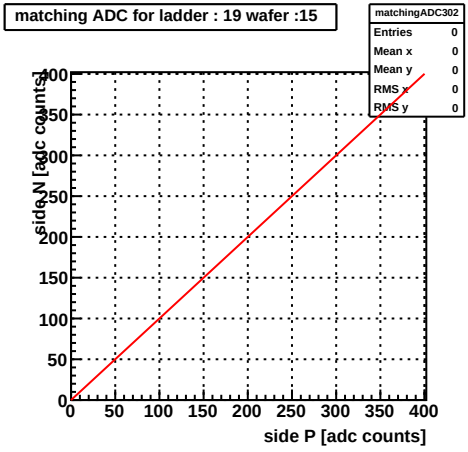

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

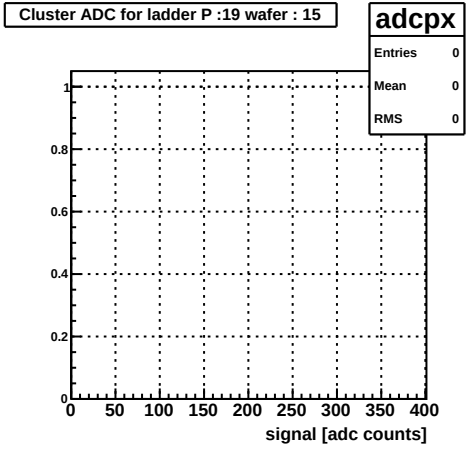

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

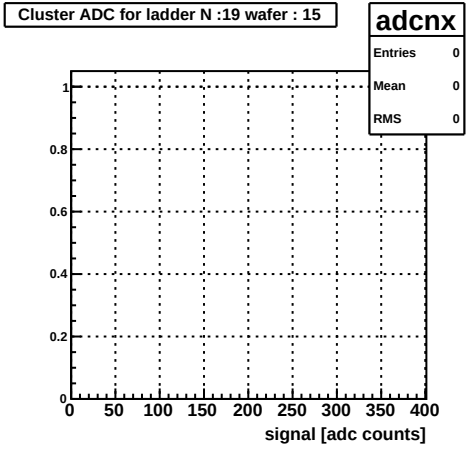

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

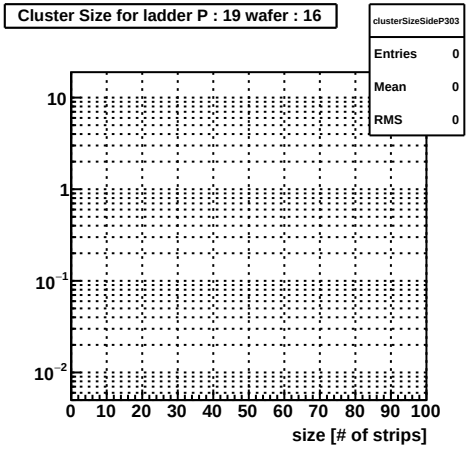

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

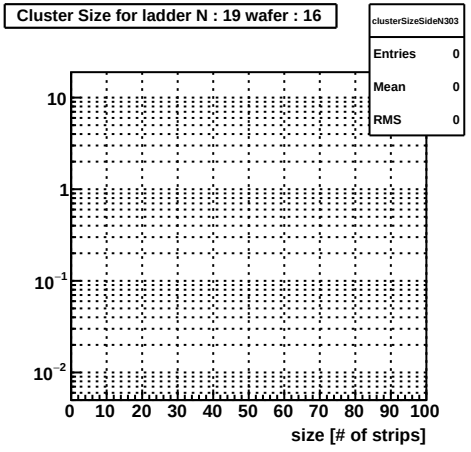

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

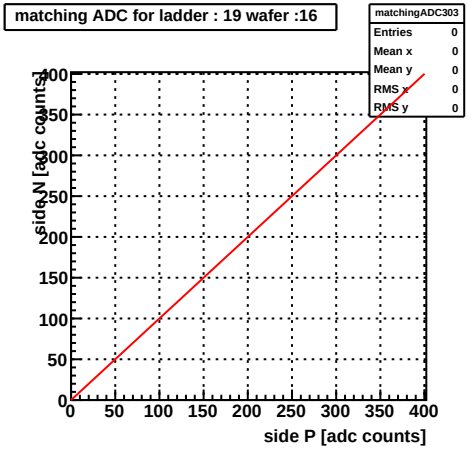

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

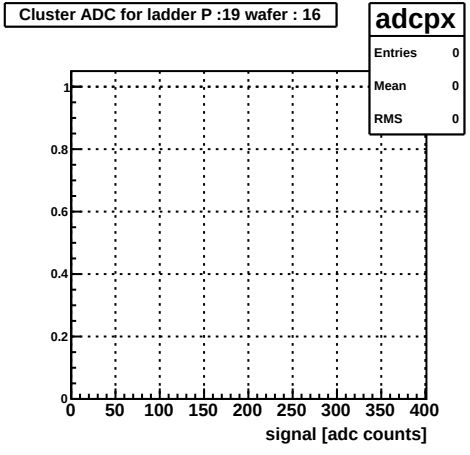

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

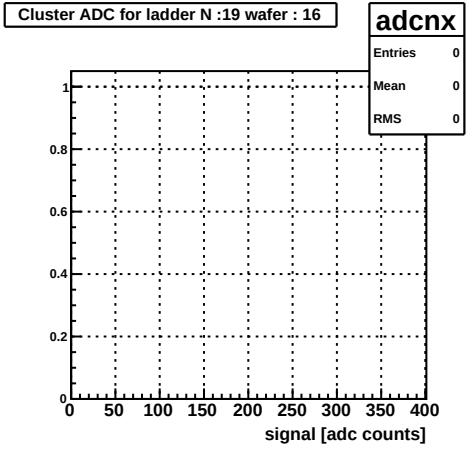

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

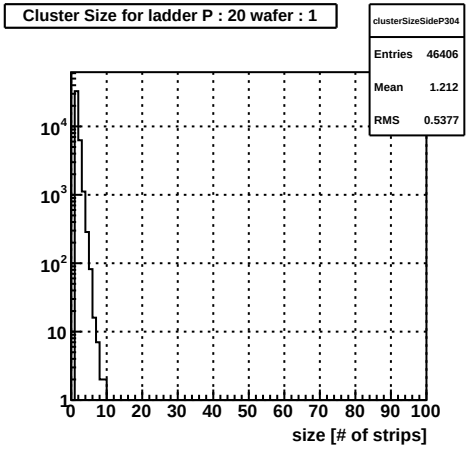

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

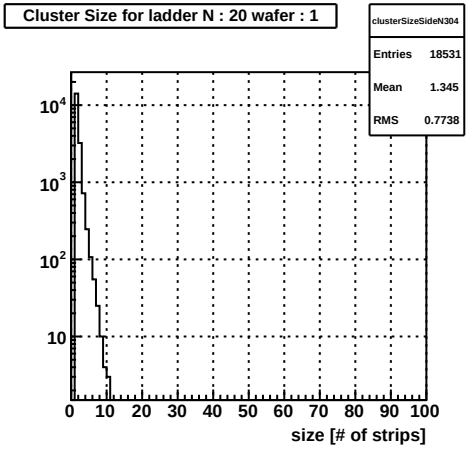

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

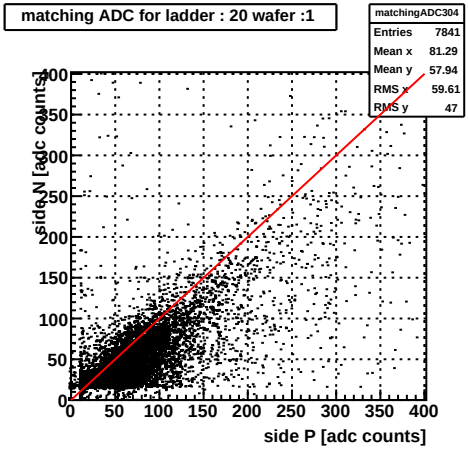

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

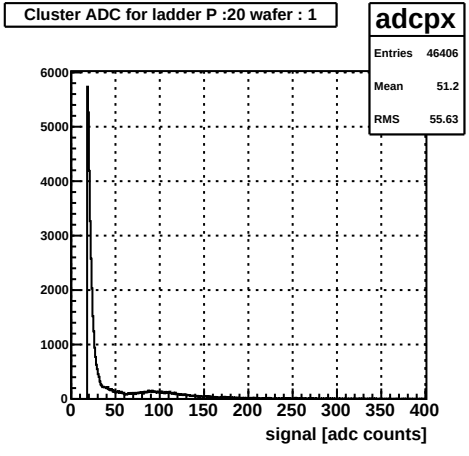

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

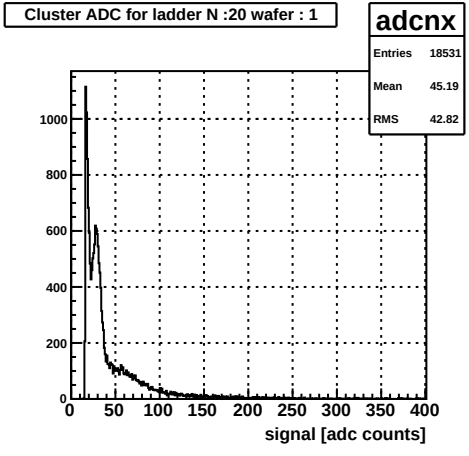

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

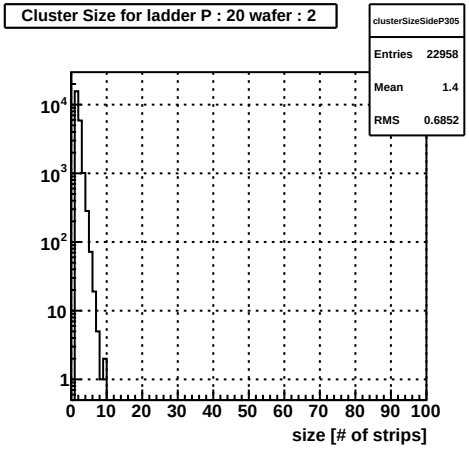

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 46406
Mean 1.212
RMS 0.5377
size [# of strips]

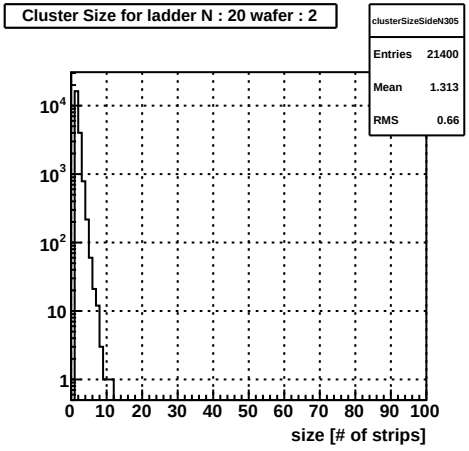

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 18531
Mean 1.345
RMS 0.7738
size [# of strips]

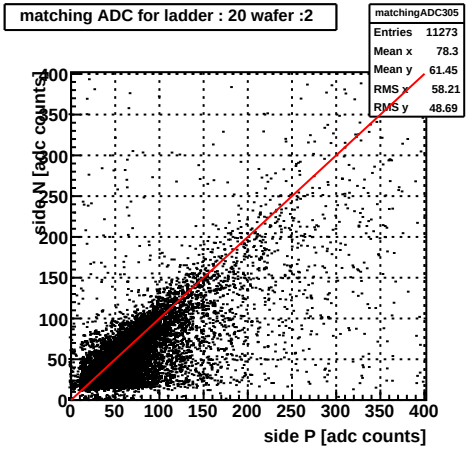

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 7841
Mean x 81.29
Mean y 57.94
RMS x 59.61
RMS y 47
side N [adc counts]
side P [adc counts]

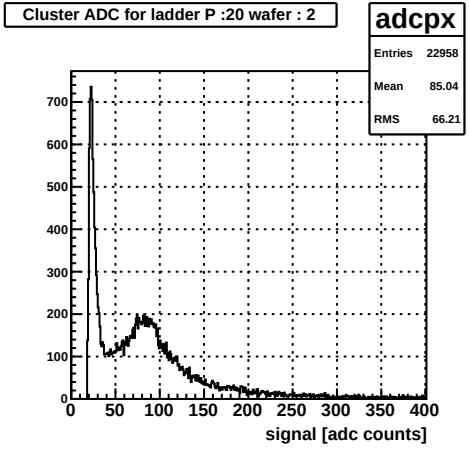

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 46406
Mean 51.2
RMS 55.63
signal [adc counts]

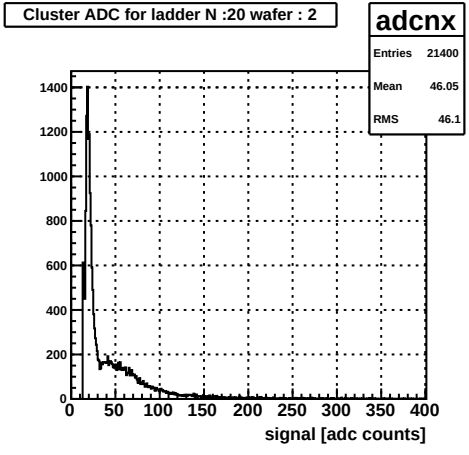

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 18531
Mean 45.19
RMS 42.82
signal [adc counts]

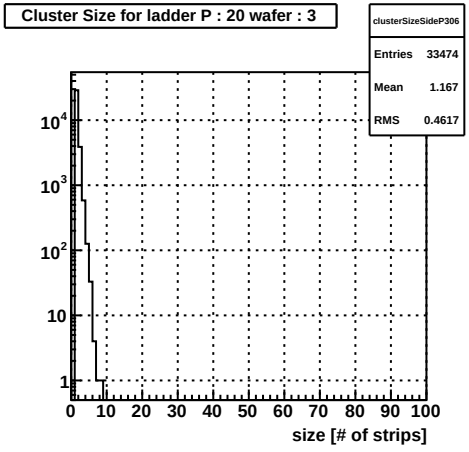

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 22958
Mean 1.4
RMS 0.6852
size [# of strips]

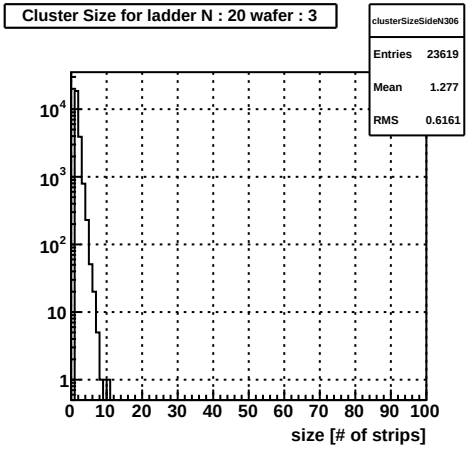

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 21400
Mean 1.313
RMS 0.66
size [# of strips]

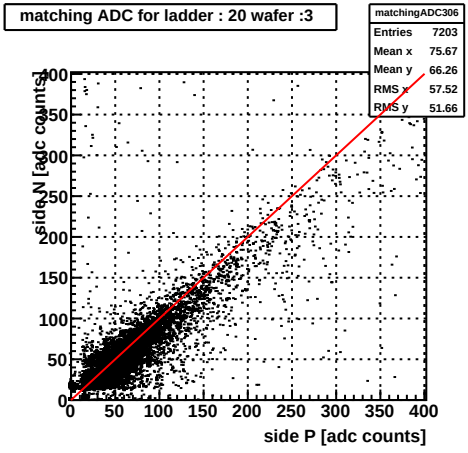

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 11273
Mean x 78.3
Mean y 61.45
RMS x 58.21
RMS y 48.69
side N [adc counts]
side P [adc counts]

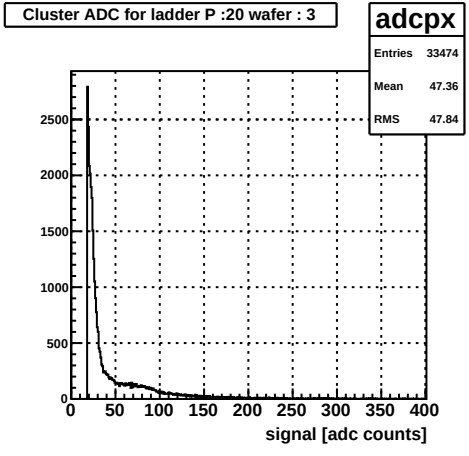

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 22958
Mean 85.04
RMS 66.21
signal [adc counts]

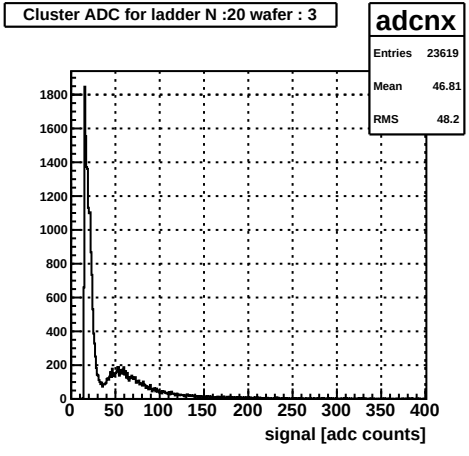

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 21400
Mean 46.05
RMS 46.1
signal [adc counts]

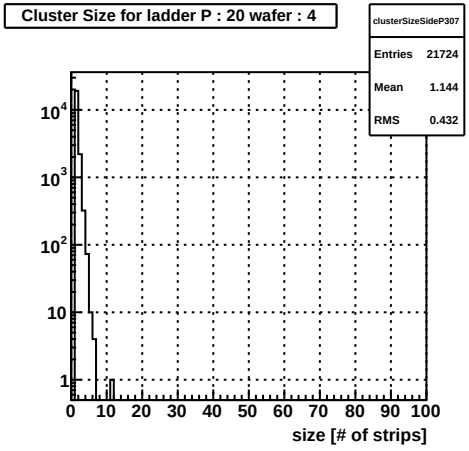

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 33474
Mean 1.167
RMS 0.4617
size [# of strips]

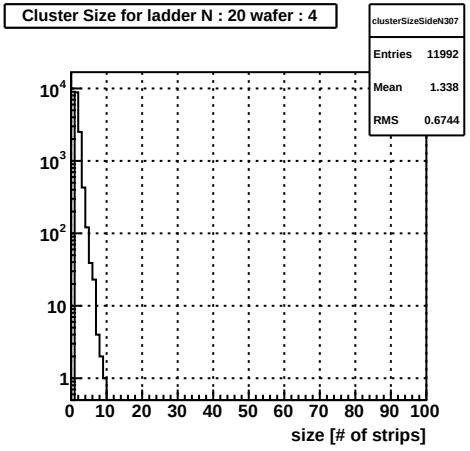

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 23619
Mean 1.277
RMS 0.6161
size [# of strips]

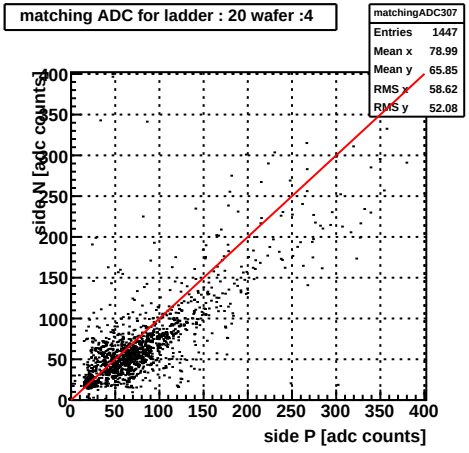

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 7203
Mean x 75.67
Mean y 66.26
RMS x 57.52
RMS y 51.66
side N [adc counts]
side P [adc counts]

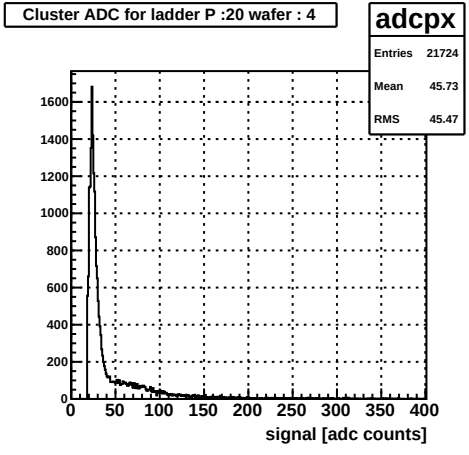

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 33474
Mean 47.36
RMS 47.84
signal [adc counts]

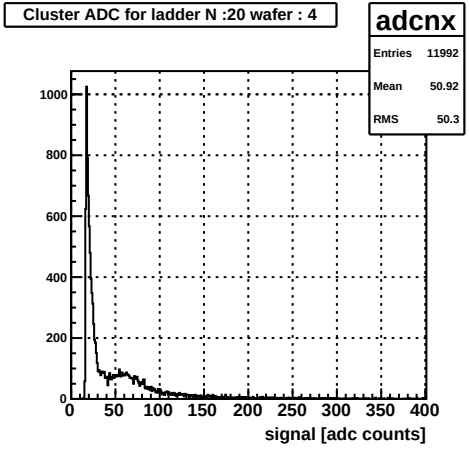

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 23619
Mean 46.81
RMS 48.2
signal [adc counts]

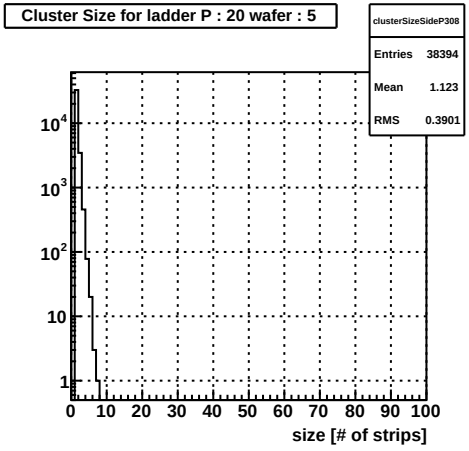

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 21724
Mean 1.144
RMS 0.432
size [# of strips]

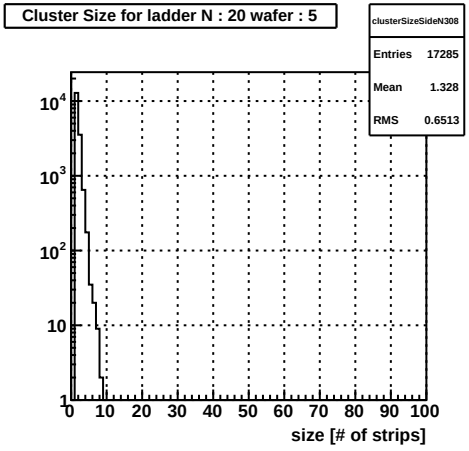

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 11992
Mean 1.338
RMS 0.6744
size [# of strips]

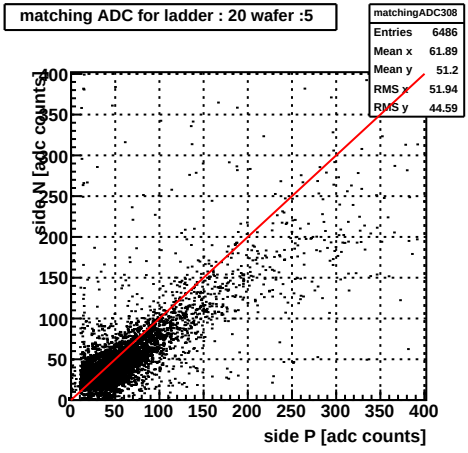

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1447
Mean x 78.99
Mean y 65.85
RMS x 58.62
RMS y 52.08
side N [adc counts]
side P [adc counts]

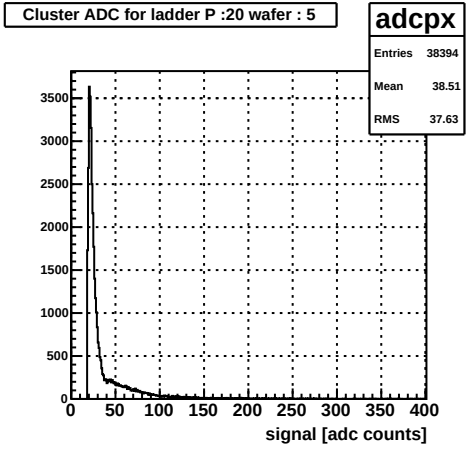

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 21724
Mean 45.73
RMS 45.47
signal [adc counts]

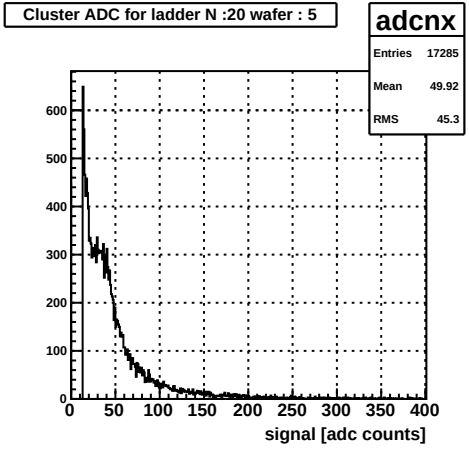

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 11992
Mean 50.92
RMS 50.3
signal [adc counts]

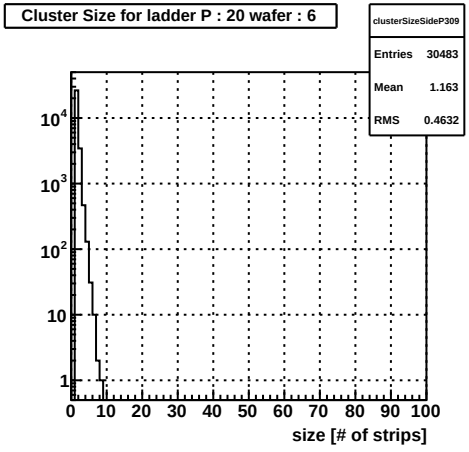

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 38394
Mean 1.123
RMS 0.3901
size [# of strips]

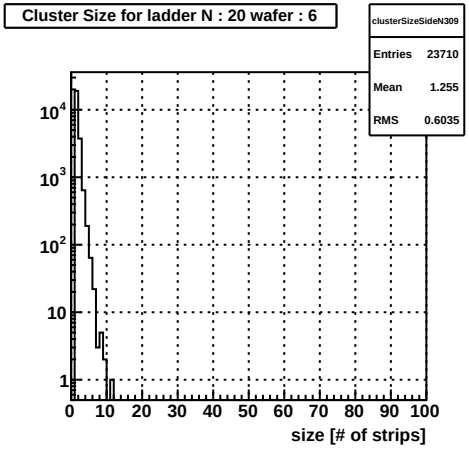

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 17285
Mean 1.328
RMS 0.6513
size [# of strips]

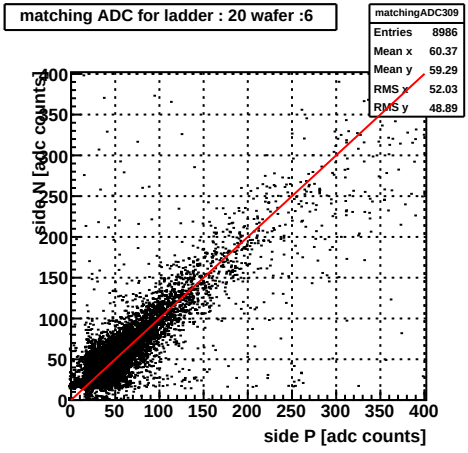

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 6486
Mean x 61.89
Mean y 51.2
RMS x 51.94
RMS y 44.59
side N [adc counts]
side P [adc counts]

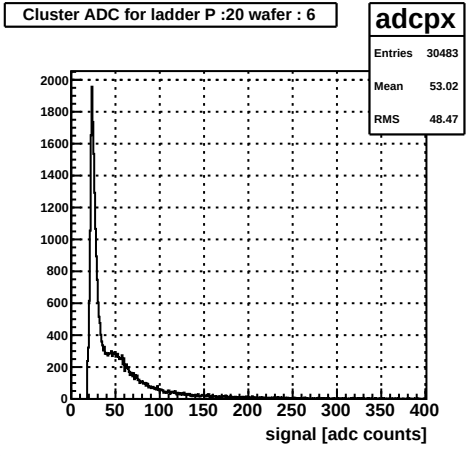

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 38394
Mean 38.51
RMS 37.63
signal [adc counts]

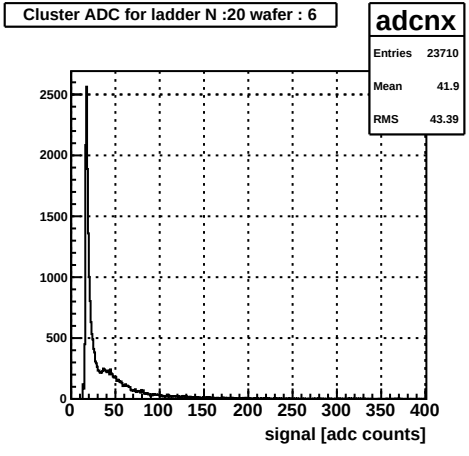

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 17285
Mean 49.92
RMS 45.3
signal [adc counts]

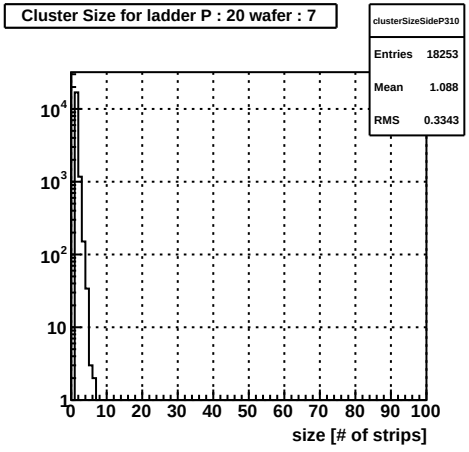

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 30483
Mean 1.163
RMS 0.4632
size [# of strips]

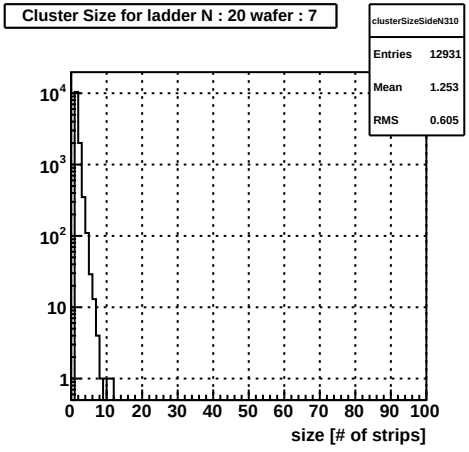

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 23710
Mean 1.255
RMS 0.6035
size [# of strips]

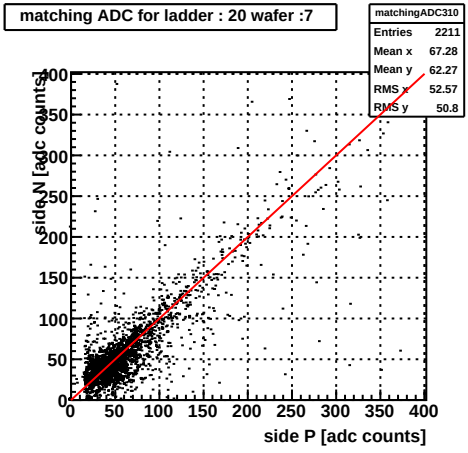

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 8986
Mean x 60.37
Mean y 59.29
RMS x 52.03
RMS y 48.89
side N [adc counts]
side P [adc counts]

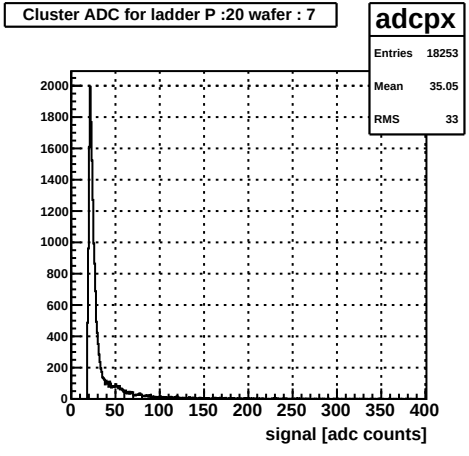

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 30483
Mean 53.02
RMS 48.47
signal [adc counts]

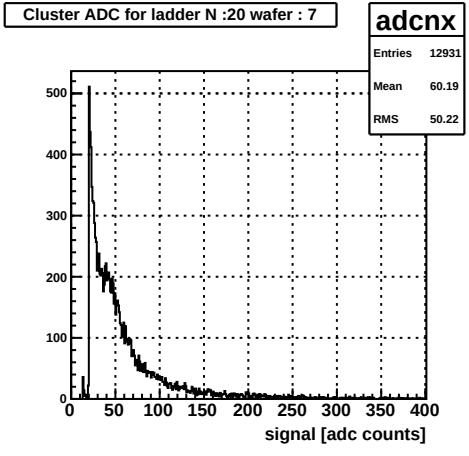

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 23710
Mean 41.9
RMS 43.39
signal [adc counts]

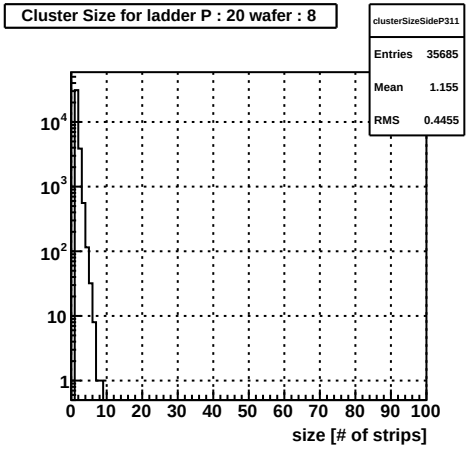

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 18253
Mean 1.088
RMS 0.3343
size [# of strips]

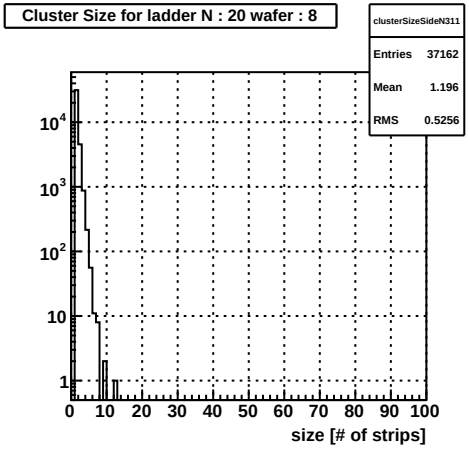

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 12931
Mean 1.253
RMS 0.605
size [# of strips]

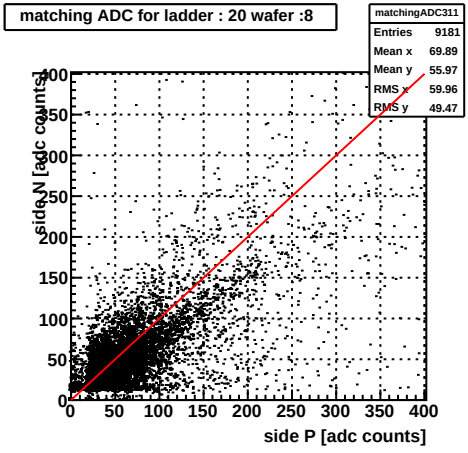

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 2211
Mean x 67.28
Mean y 62.27
RMS x 52.57
RMS y 50.8
side N [adc counts]
side P [adc counts]

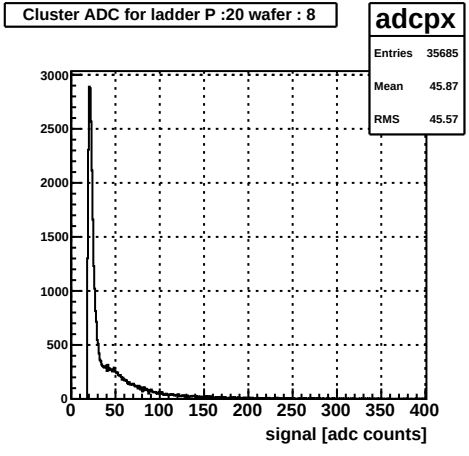

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 18253
Mean 35.05
RMS 33
signal [adc counts]

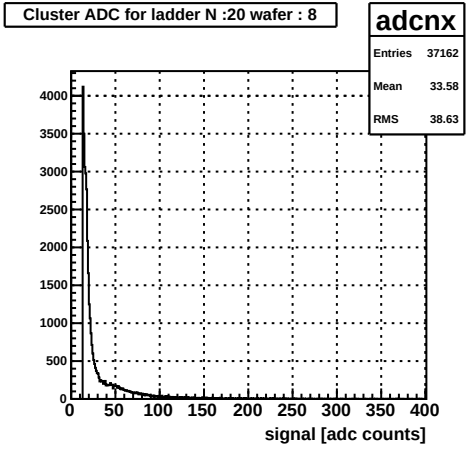

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 12931
Mean 60.19
RMS 50.22
signal [adc counts]

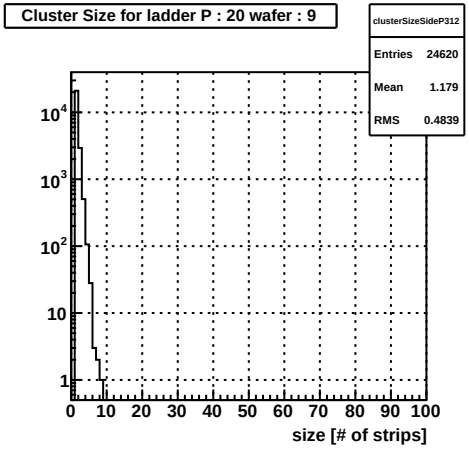

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 35685
Mean 1.155
RMS 0.4455
size [# of strips]

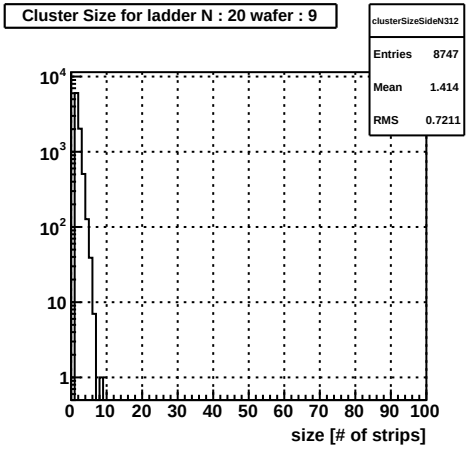

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 37162
Mean 1.196
RMS 0.5256
size [# of strips]

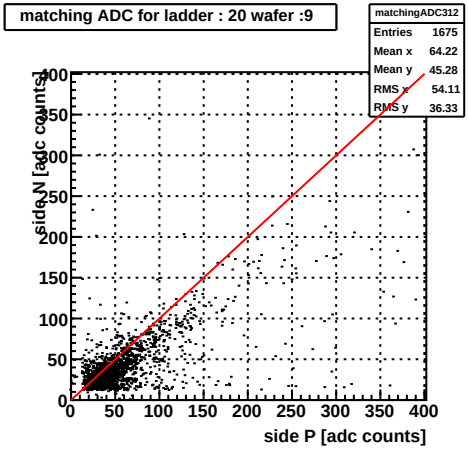

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 9181
Mean x 69.89
Mean y 55.97
RMS x 59.96
RMS y 49.47
side N [adc counts]
side P [adc counts]

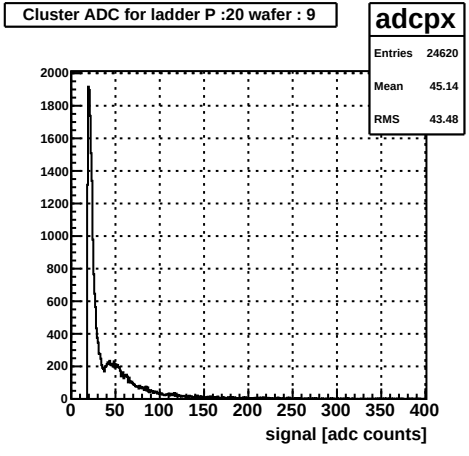

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 35685
Mean 45.87
RMS 45.57
signal [adc counts]

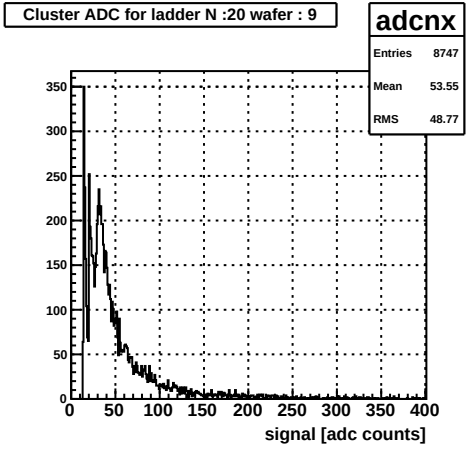

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 37162
Mean 33.58
RMS 38.63
signal [adc counts]

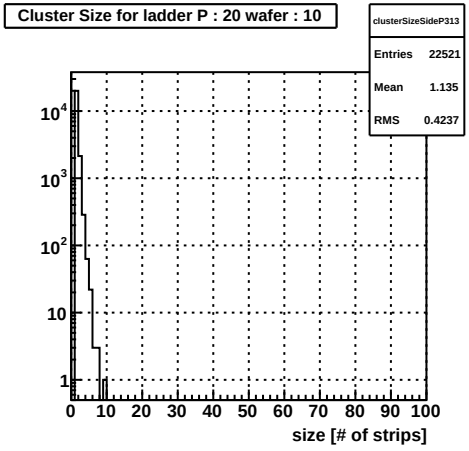

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 24620
Mean 1.179
RMS 0.4839
size [# of strips]

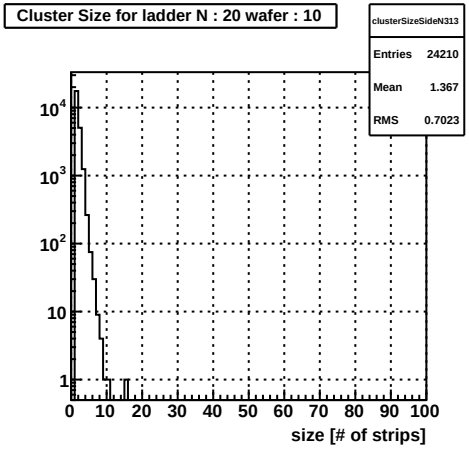

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 8747
Mean 1.414
RMS 0.7211
size [# of strips]

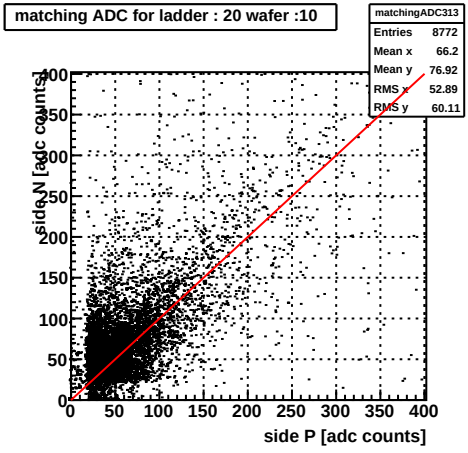

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1675
Mean x 64.22
Mean y 45.28
RMS x 54.11
RMS y 36.33
side N [adc counts]
side P [adc counts]

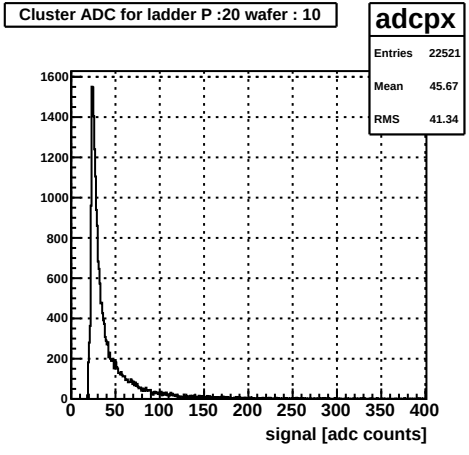

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 24620
Mean 45.14
RMS 43.48
signal [adc counts]

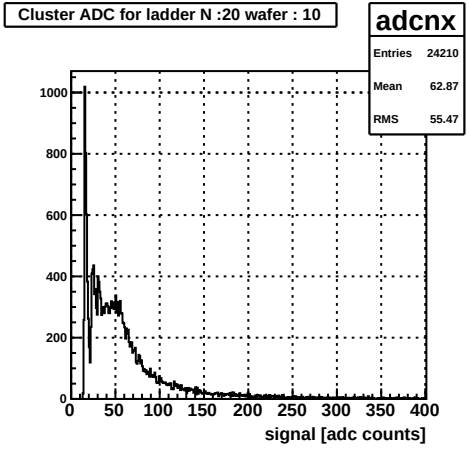

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 8747
Mean 53.55
RMS 48.77
signal [adc counts]

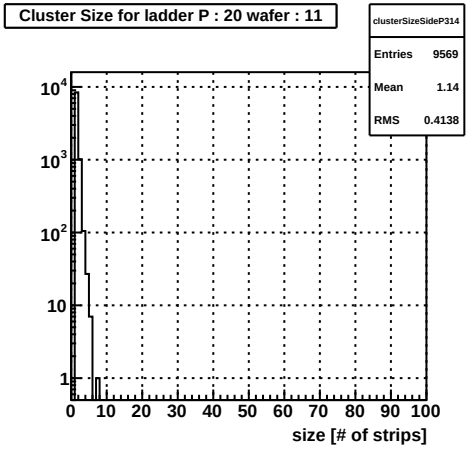

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 22521
Mean 1.135
RMS 0.4237
size [# of strips]

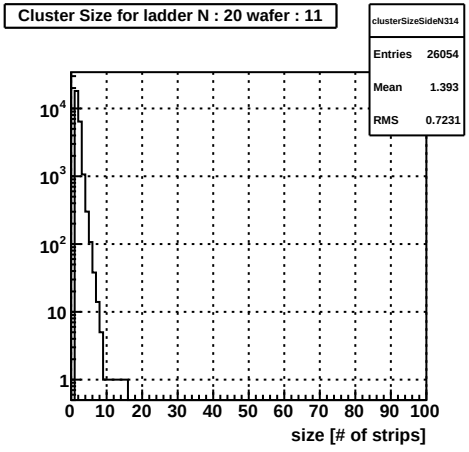

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 24210
Mean 1.367
RMS 0.7023
size [# of strips]

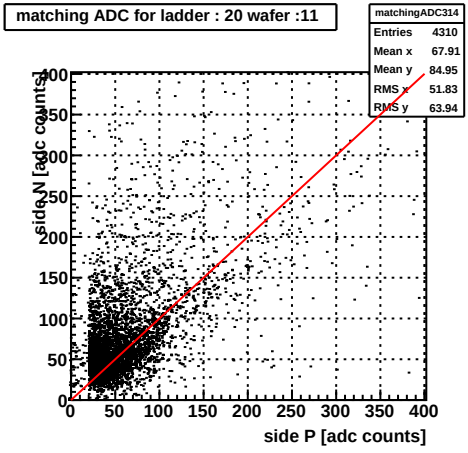

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 8772
Mean x 66.2
Mean y 76.92
RMS x 52.89
RMS y 60.11
side N [adc counts]
side P [adc counts]

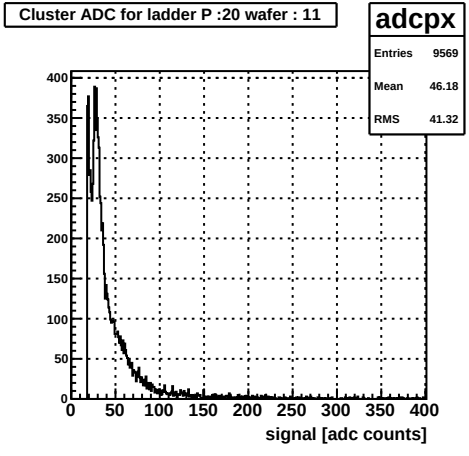

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 22521
Mean 45.67
RMS 41.34
signal [adc counts]

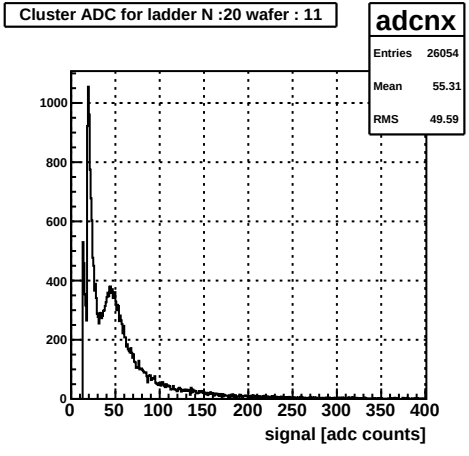

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 24210
Mean 62.87
RMS 55.47
signal [adc counts]

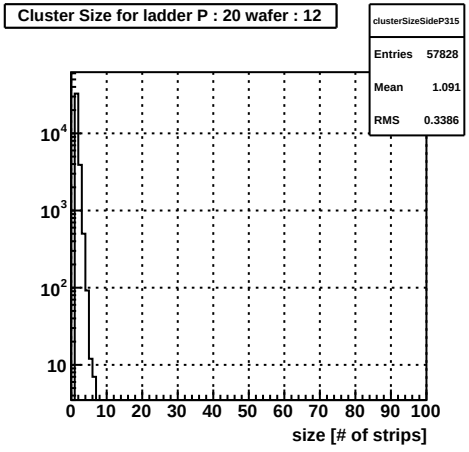

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9569
Mean 1.14
RMS 0.4138
size [# of strips]

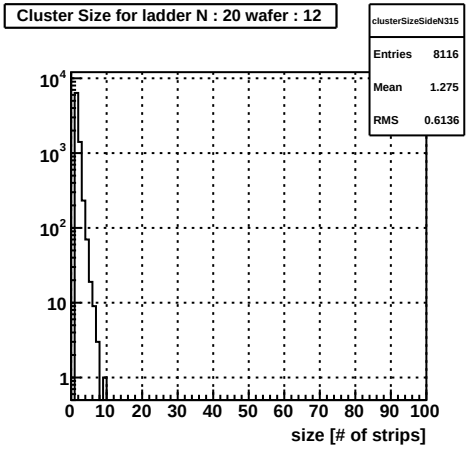

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 26054
Mean 1.393
RMS 0.7231
size [# of strips]

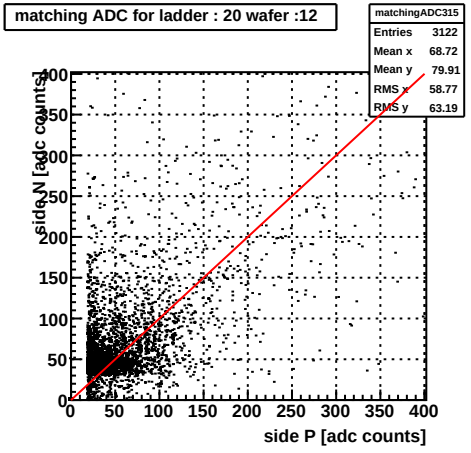

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 4310
Mean x 67.91
Mean y 84.95
RMS x 51.83
RMS y 63.94
side N [adc counts]
side P [adc counts]

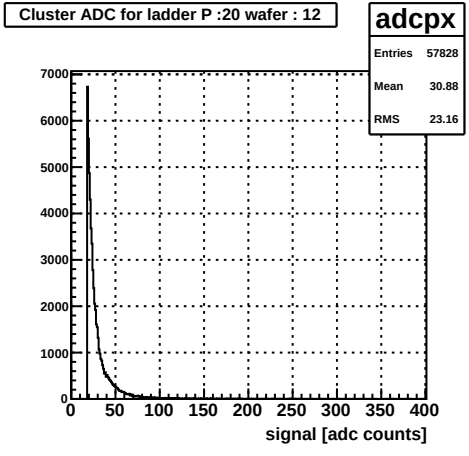

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9569
Mean 46.18
RMS 41.32
signal [adc counts]

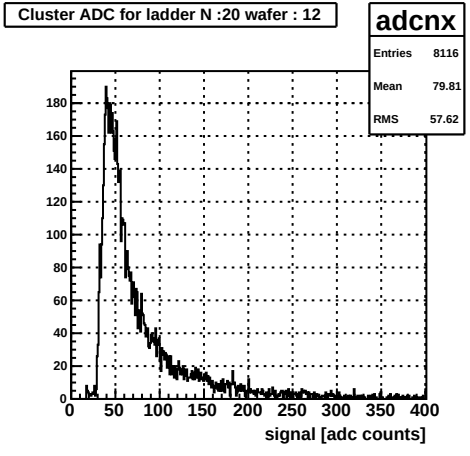

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 26054
Mean 55.31
RMS 49.59
signal [adc counts]

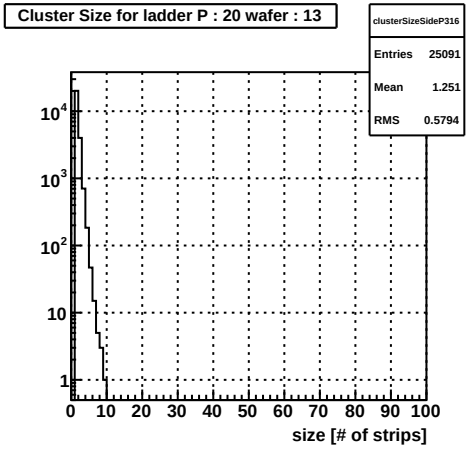

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 57828
Mean 1.091
RMS 0.3386
size [# of strips]

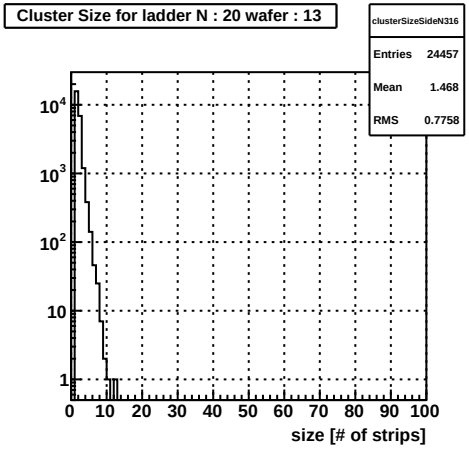

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 8116
Mean 1.275
RMS 0.6136
size [# of strips]

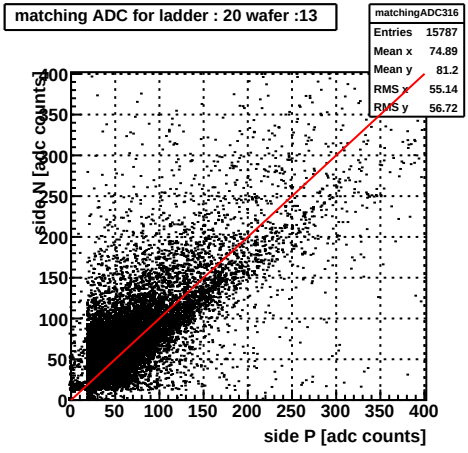

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3122
Mean x 68.72
Mean y 79.91
RMS x 58.77
RMS y 63.19
side N [adc counts]
side P [adc counts]

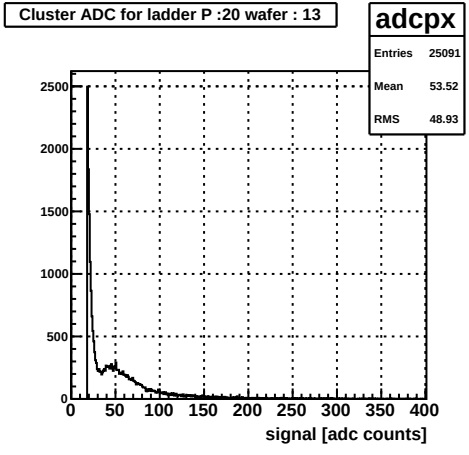

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 57828
Mean 30.88
RMS 23.16
signal [adc counts]

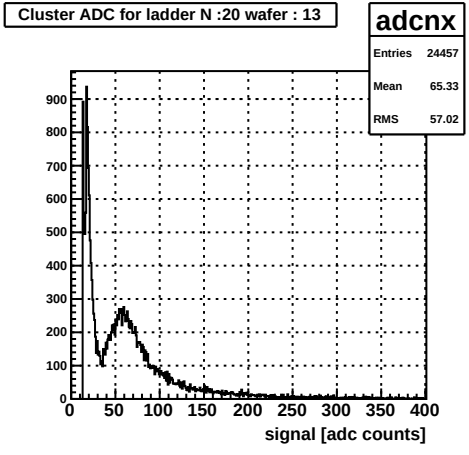

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 8116
Mean 79.81
RMS 57.62
signal [adc counts]

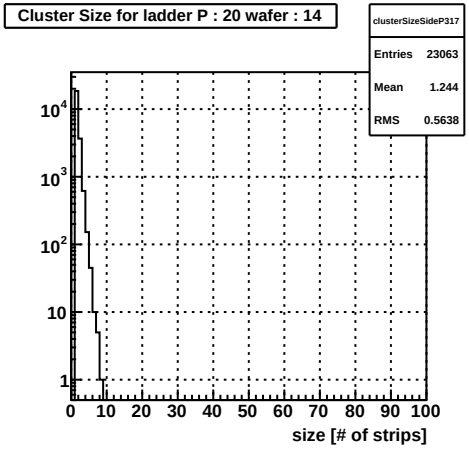

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 25091
Mean 1.251
RMS 0.5794
size [# of strips]

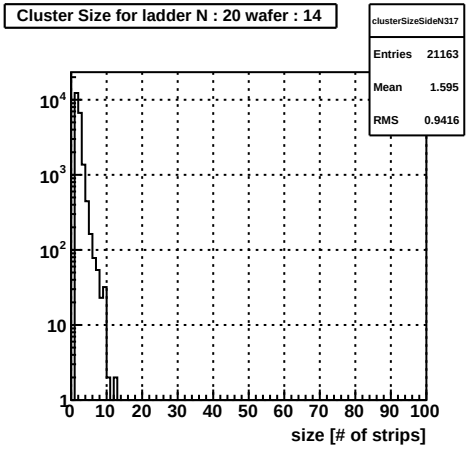

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 24457
Mean 1.468
RMS 0.7758
size [# of strips]

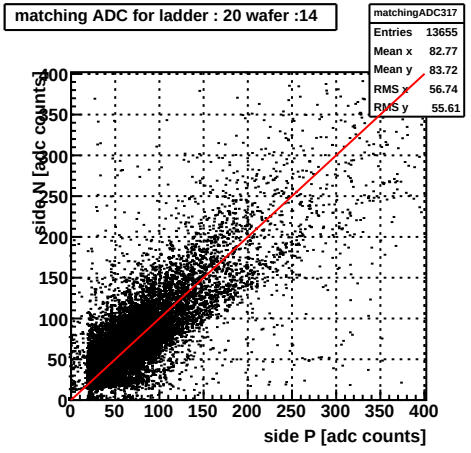

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 15787
Mean x 74.89
Mean y 81.2
RMS x 55.14
RMS y 56.72
side N [adc counts]
side P [adc counts]

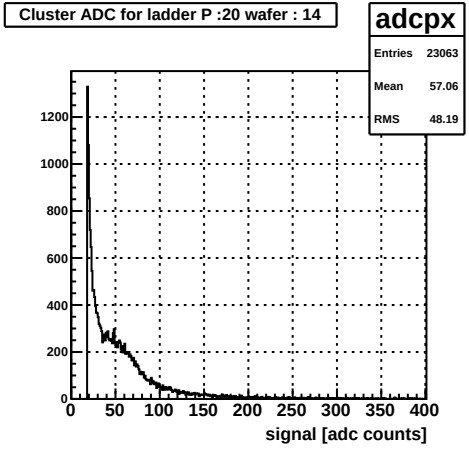

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 25091
Mean 53.52
RMS 48.93
signal [adc counts]

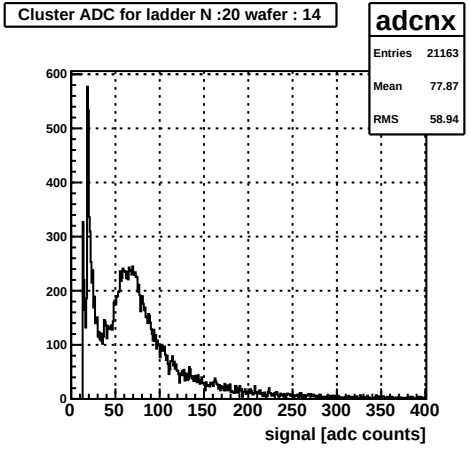

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 24457
Mean 65.33
RMS 57.02
signal [adc counts]

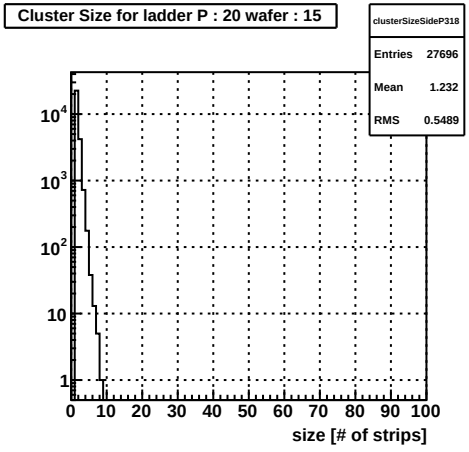

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 23063
Mean 1.244
RMS 0.5638
size [# of strips]

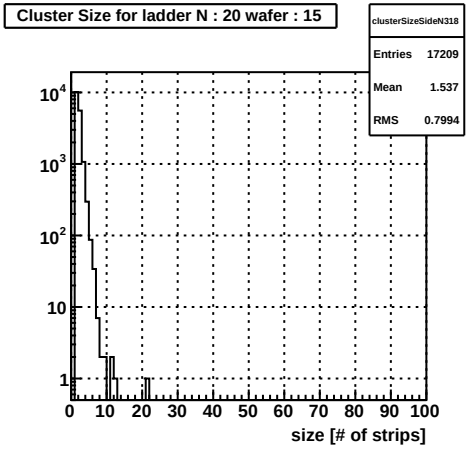

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 21163
Mean 1.595
RMS 0.9416
size [# of strips]

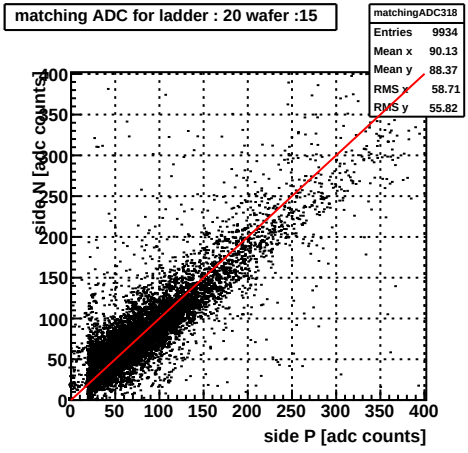

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 13655
Mean x 82.77
Mean y 83.72
RMS x 56.74
RMS y 55.61
side N [adc counts]
side P [adc counts]

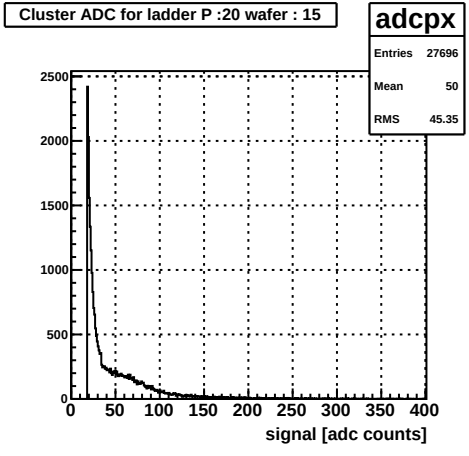

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 23063
Mean 57.06
RMS 48.19
signal [adc counts]

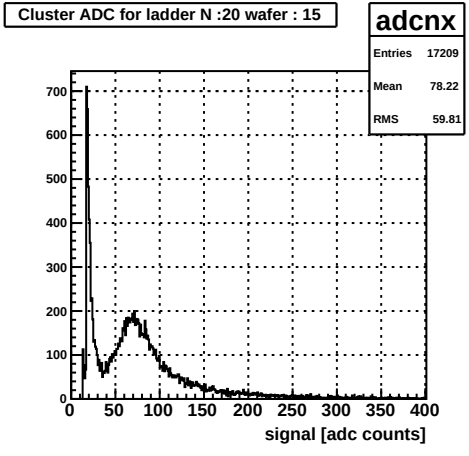

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 21163
Mean 77.87
RMS 58.94
signal [adc counts]

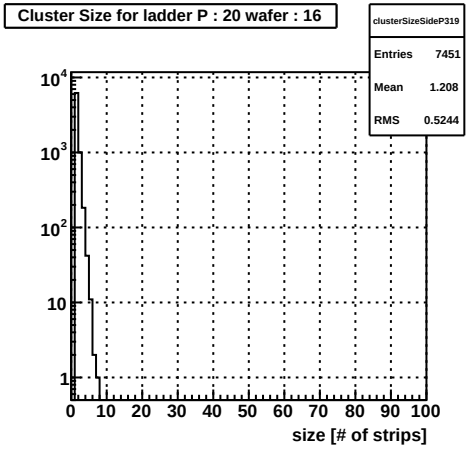

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 27696
Mean 1.232
RMS 0.5489
size [# of strips]

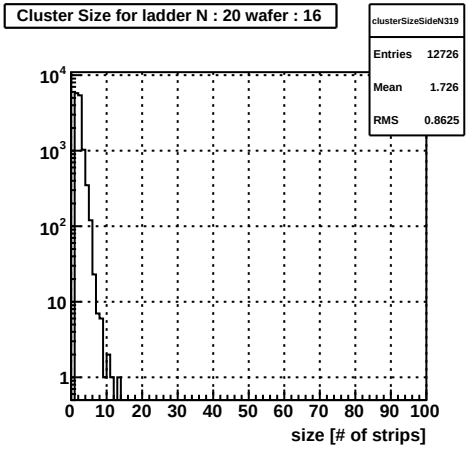

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 17209
Mean 1.537
RMS 0.7994
size [# of strips]

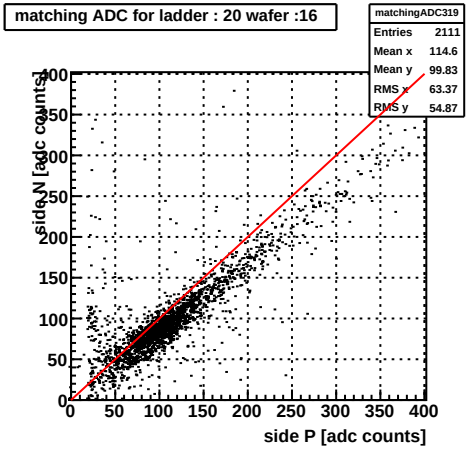

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 9934
Mean x 90.13
Mean y 88.37
RMS x 58.71
RMS y 55.82
side N [adc counts]
side P [adc counts]

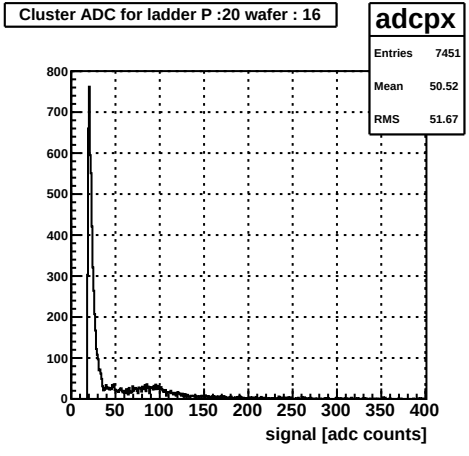

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 27696
Mean 50
RMS 45.35
signal [adc counts]

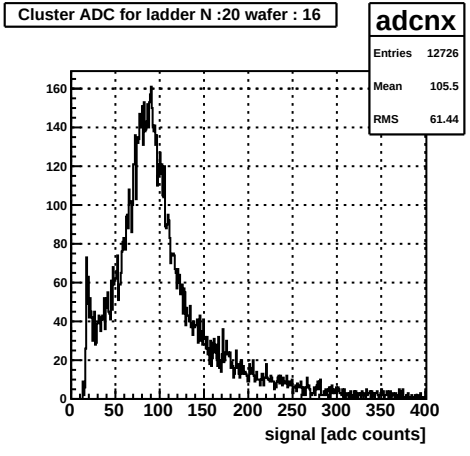

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 17209
Mean 78.22
RMS 59.81
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 7451
Mean 1.208
RMS 0.5244
size [# of strips]

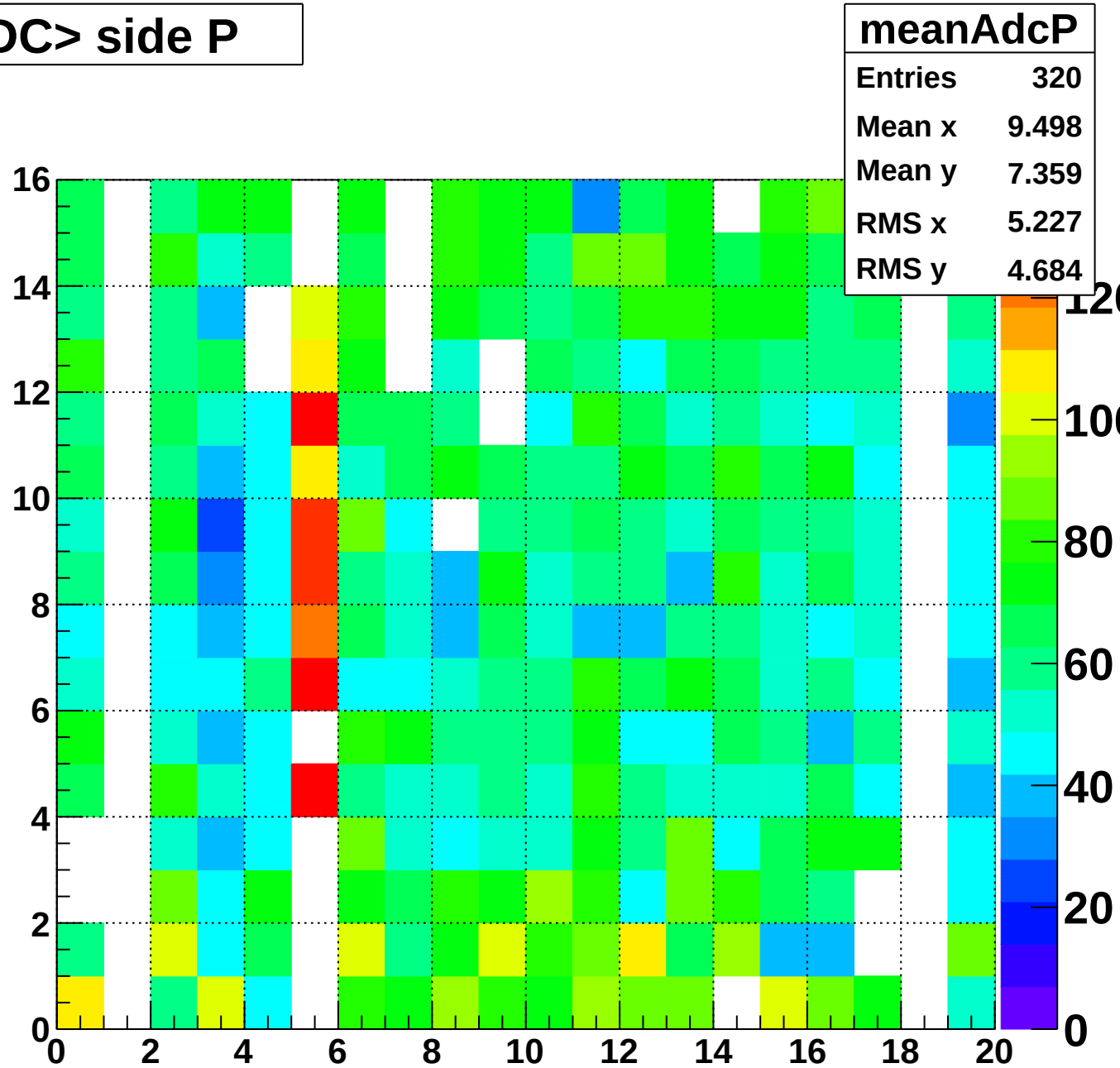

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 12726
Mean 1.726
RMS 0.8625
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2111
Mean x 114.6
Mean y 99.83
RMS x 63.37
RMS y 54.87
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 7451
Mean 50.52
RMS 51.67
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 12726
Mean 105.5
RMS 61.44
signal [adc counts]

<ADC> side P



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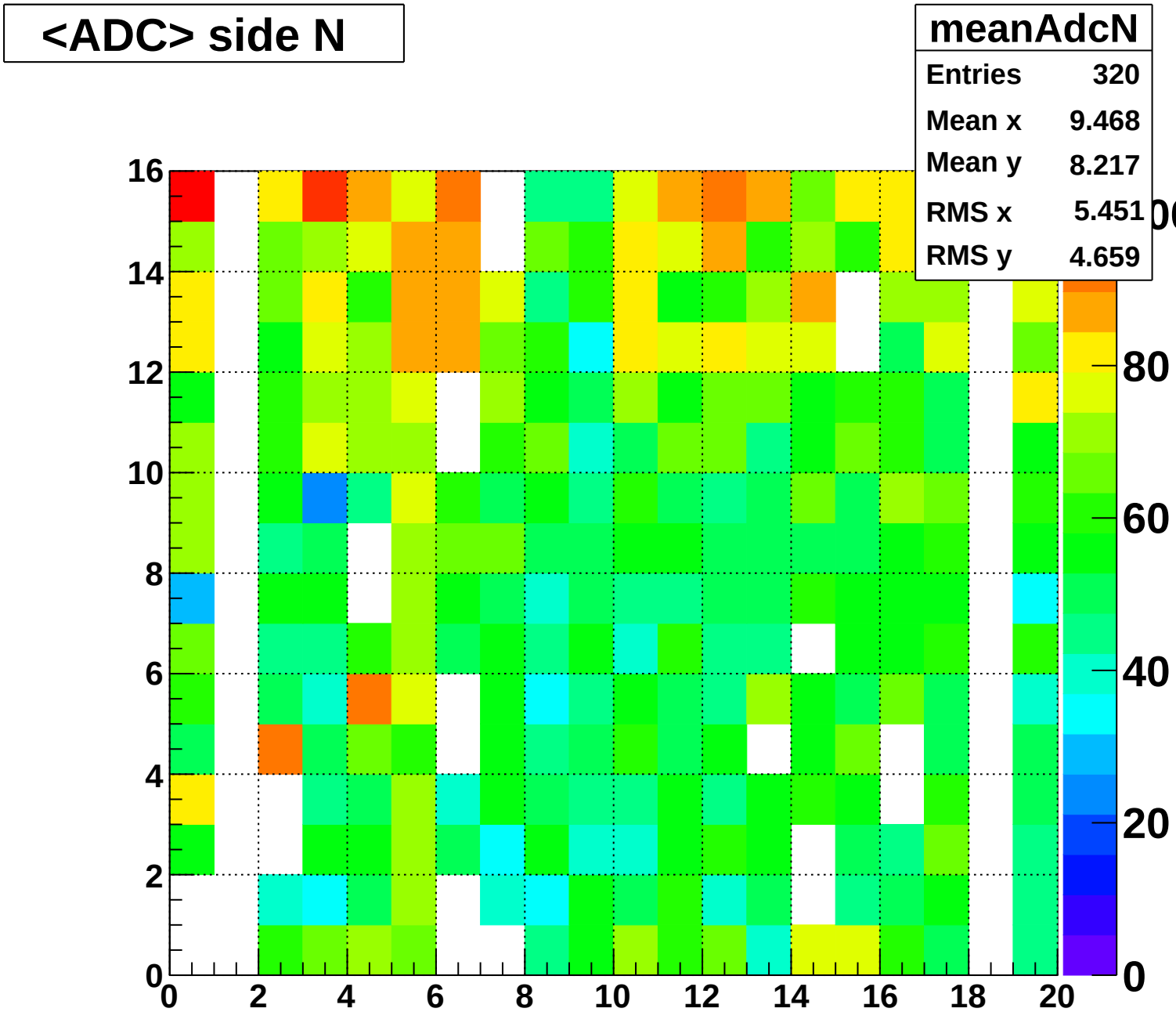

2016-06-19 02:13:01