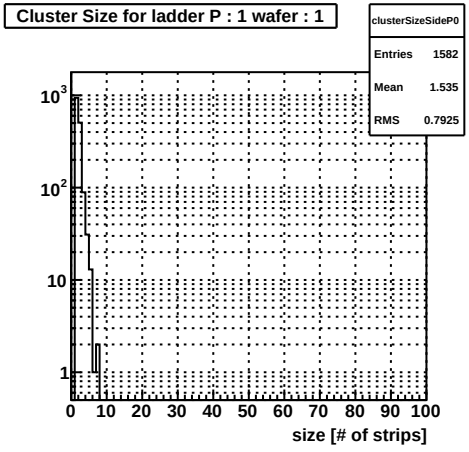
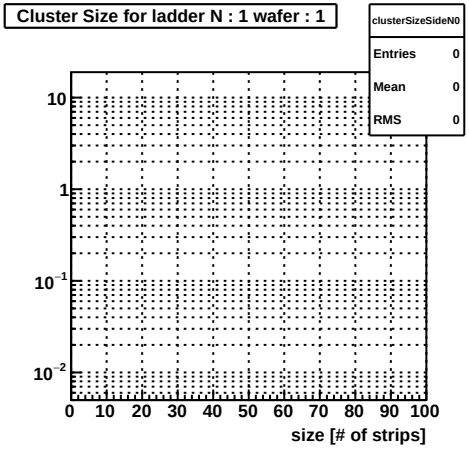
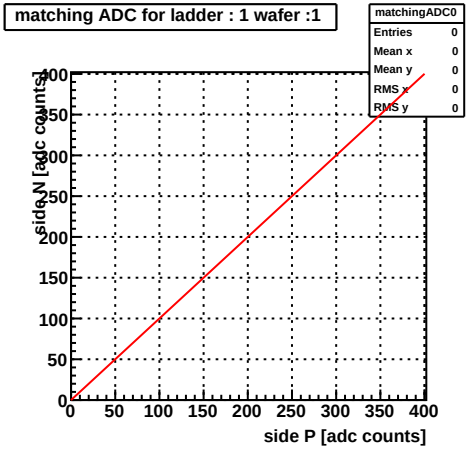
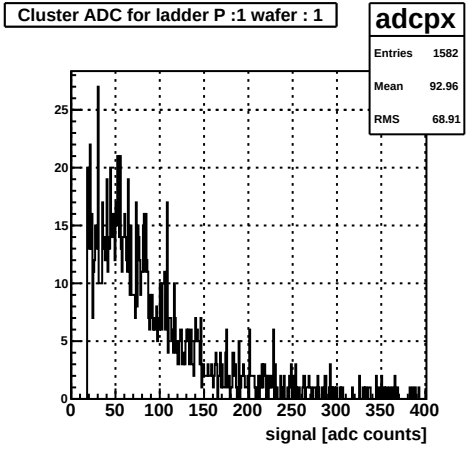
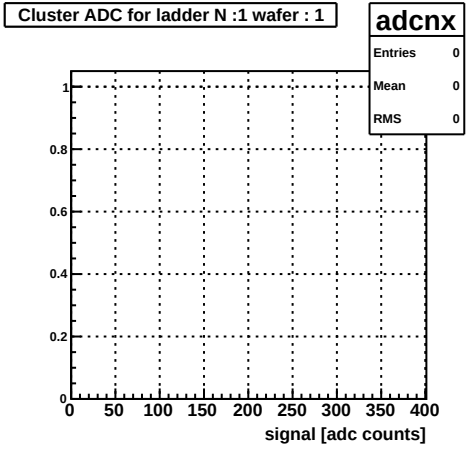
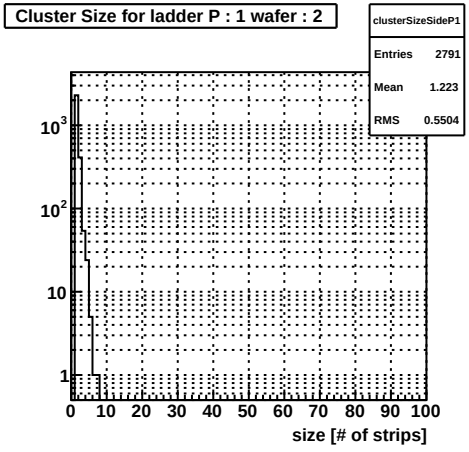

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1582
Mean 1.535
RMS 0.7925
size [# of strips]

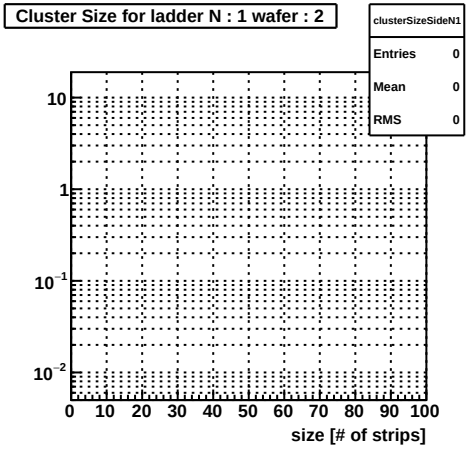

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

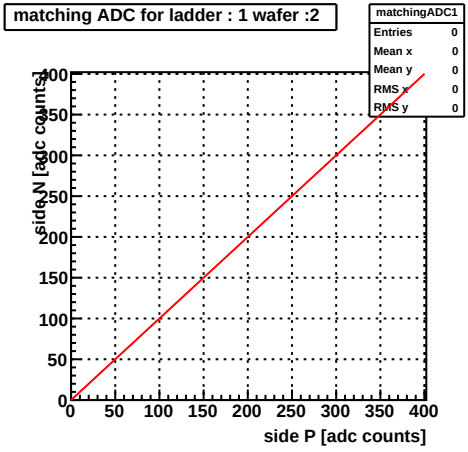

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

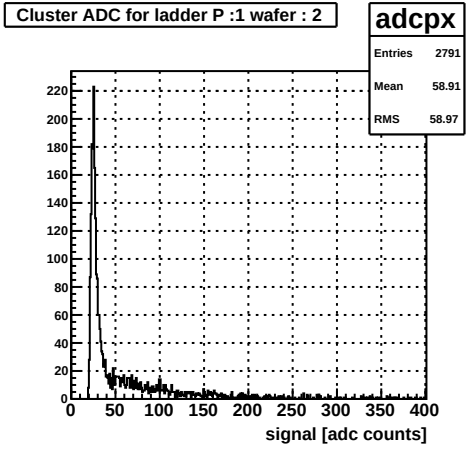

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1582
Mean 92.96
RMS 68.91
signal [adc counts]

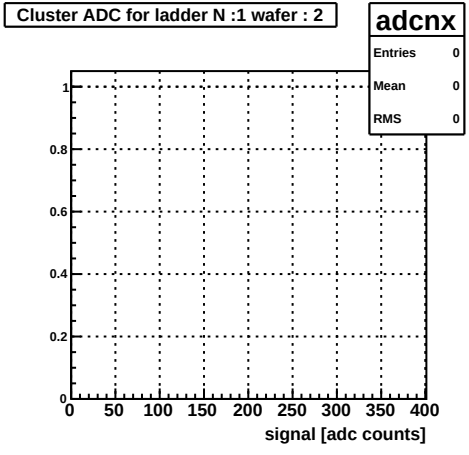

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

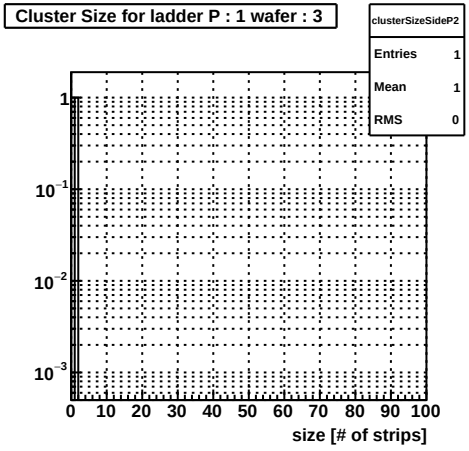

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2791
Mean 1.223
RMS 0.5504
size [# of strips]

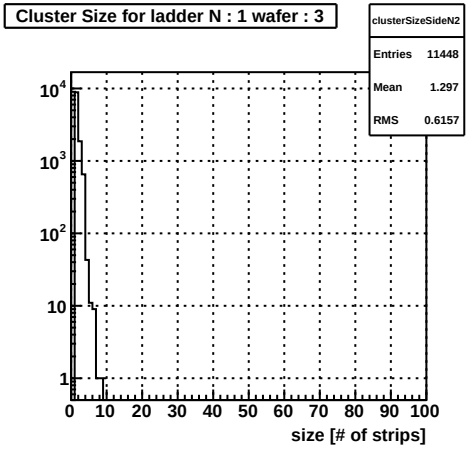

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

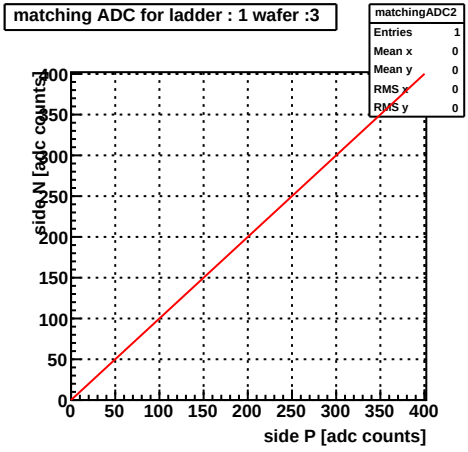

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

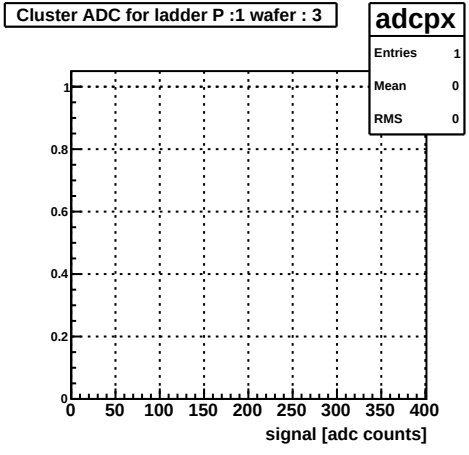

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2791
Mean 58.91
RMS 58.97
signal [adc counts]

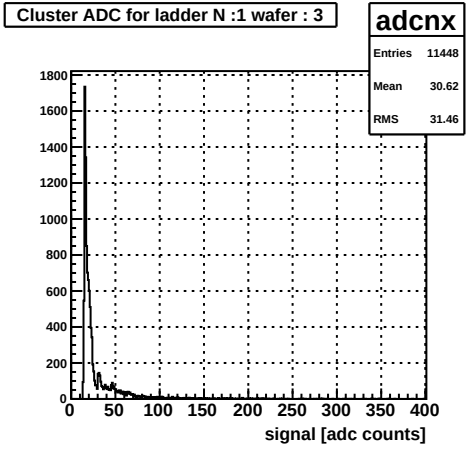

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

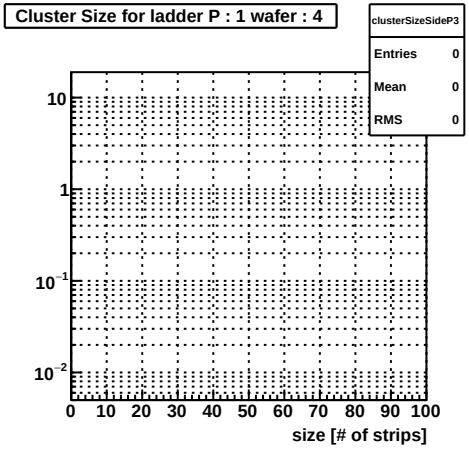

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

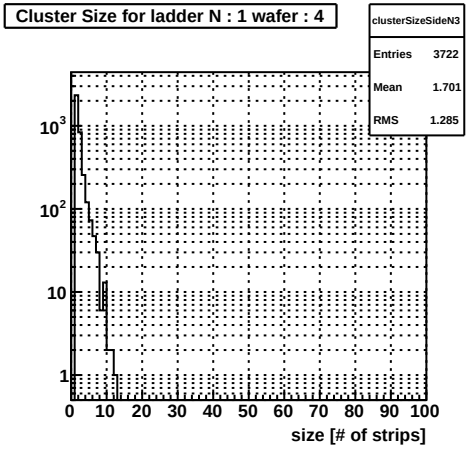

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 11448
Mean 1.297
RMS 0.6157
size [# of strips]

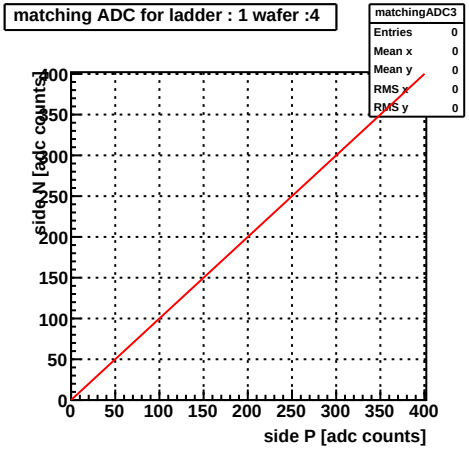

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

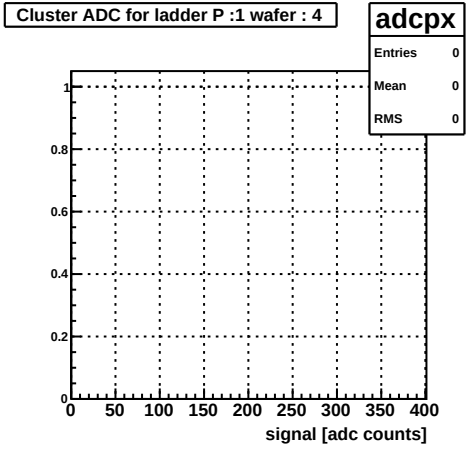

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

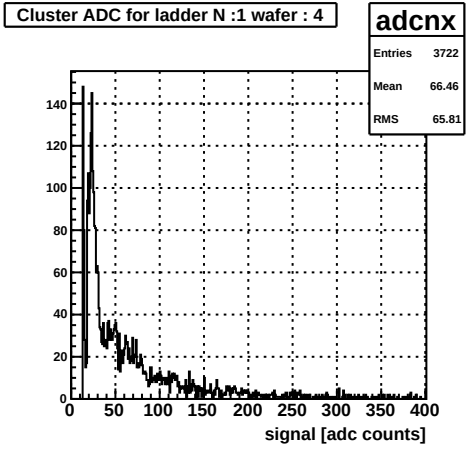

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 11448
Mean 30.62
RMS 31.46
signal [adc counts]

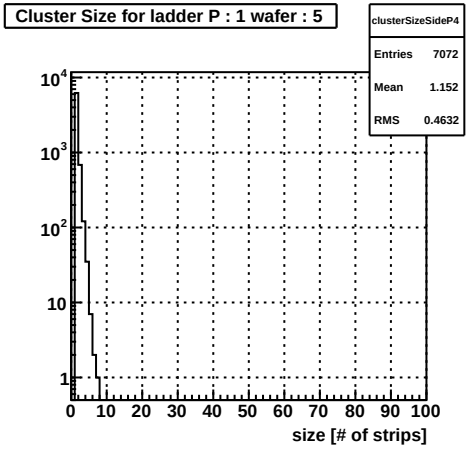

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

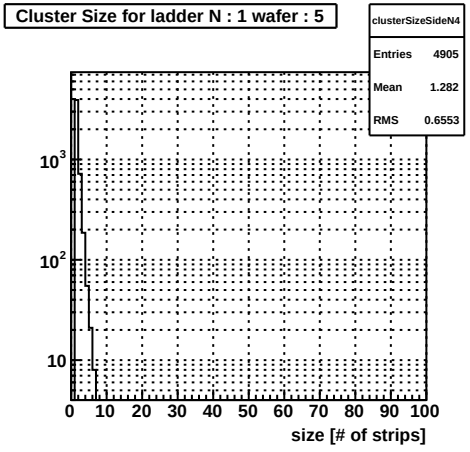

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3722
Mean 1.701
RMS 1.285
size [# of strips]

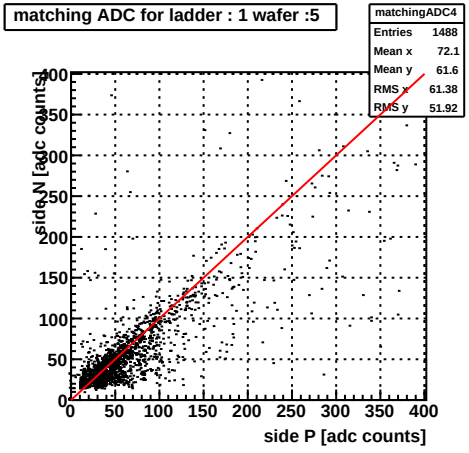

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

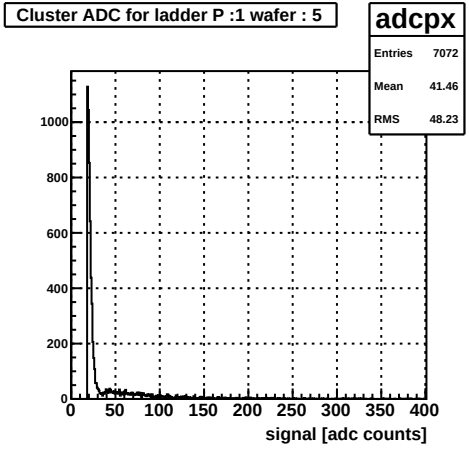

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

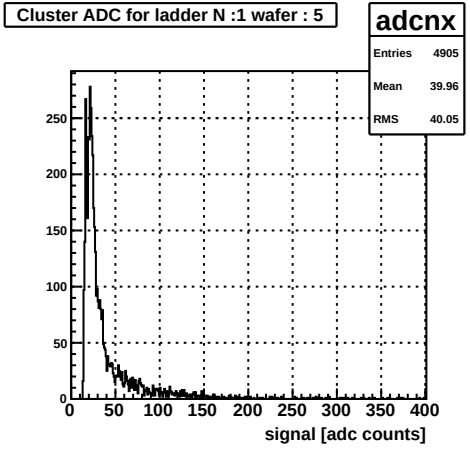

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3722
Mean 66.46
RMS 65.81
signal [adc counts]

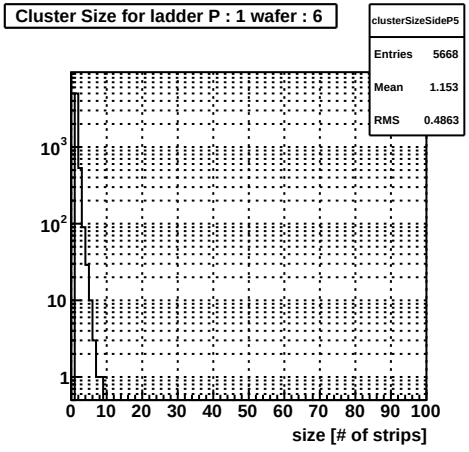

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7072
Mean 1.152
RMS 0.4632
size [# of strips]

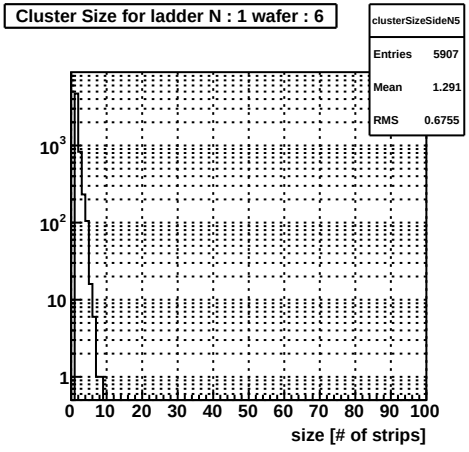

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4905
Mean 1.282
RMS 0.6553
size [# of strips]

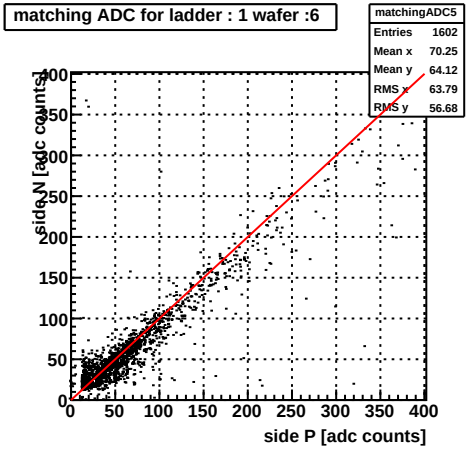

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1488
Mean x 72.1
Mean y 61.6
RMS x 61.38
RMS y 51.92
side N [adc counts]
side P [adc counts]

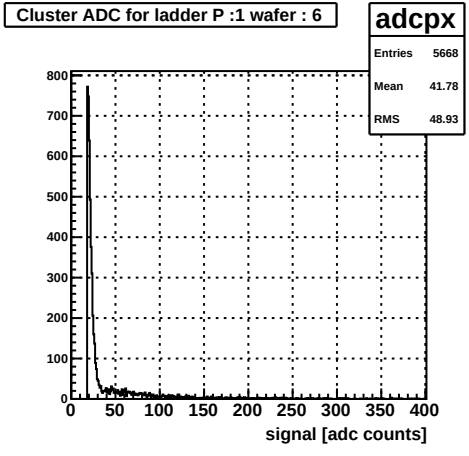

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7072
Mean 41.46
RMS 48.23
signal [adc counts]

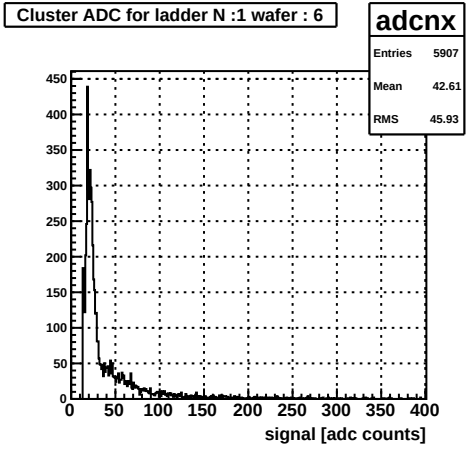

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4905
Mean 39.96
RMS 40.05
signal [adc counts]

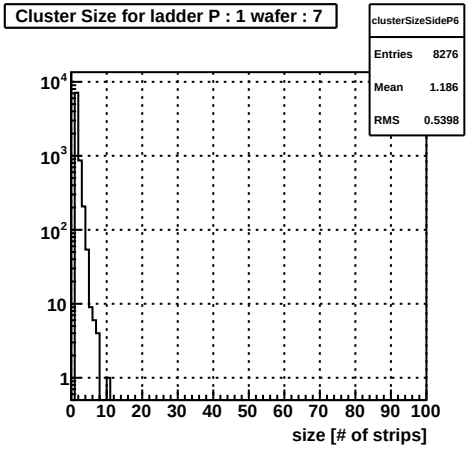

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5668
Mean 1.153
RMS 0.4863
size [# of strips]

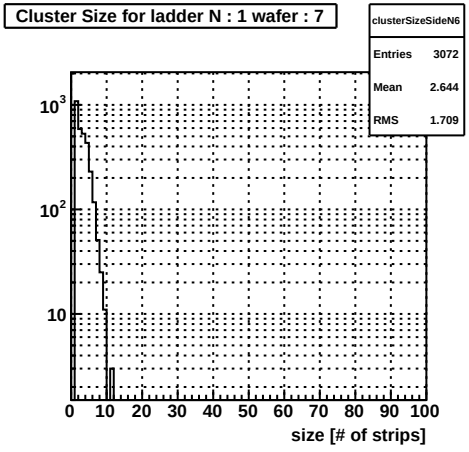

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5907
Mean 1.291
RMS 0.6755
size [# of strips]

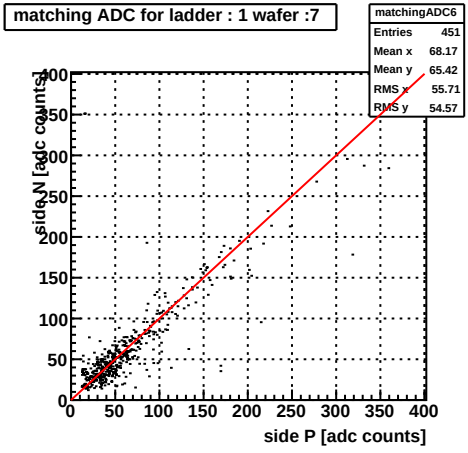

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1602
Mean x 70.25
Mean y 64.12
RMS x 63.79
RMS y 56.68
side N [adc counts]
side P [adc counts]

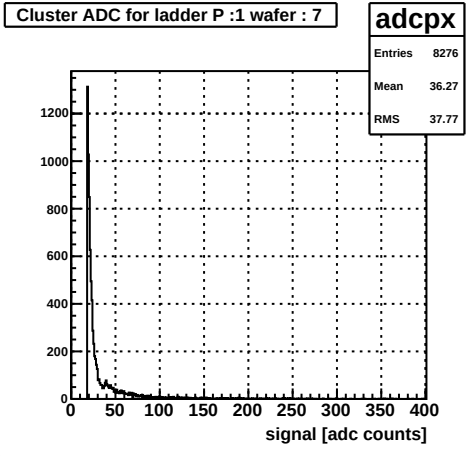

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5668
Mean 41.78
RMS 48.93
signal [adc counts]

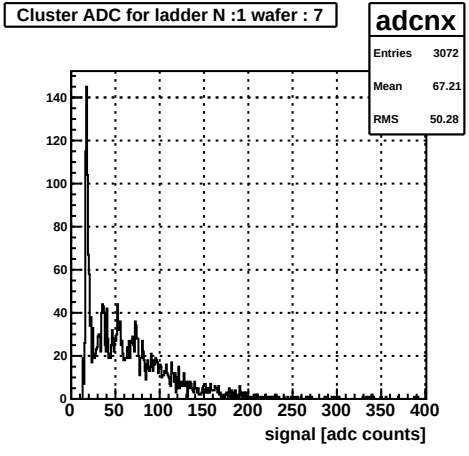

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5907
Mean 42.61
RMS 45.93
signal [adc counts]

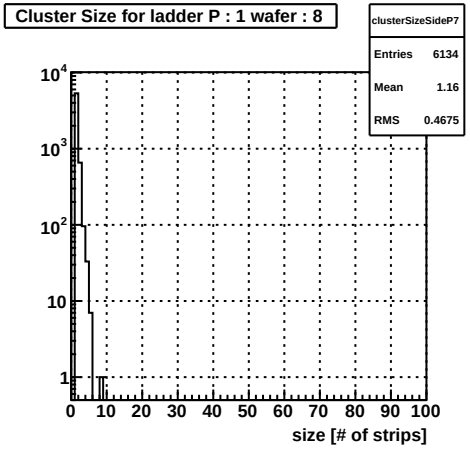

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8276
Mean 1.186
RMS 0.5398
size [# of strips]

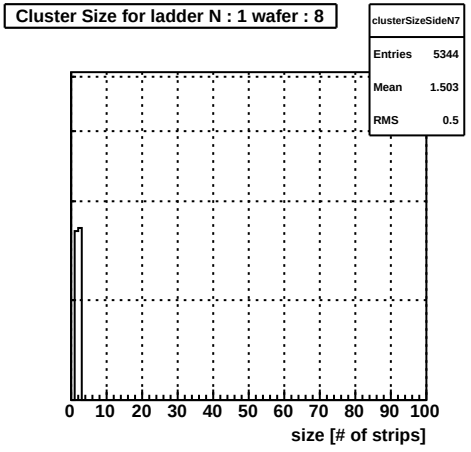

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 3072
Mean 2.644
RMS 1.709
size [# of strips]

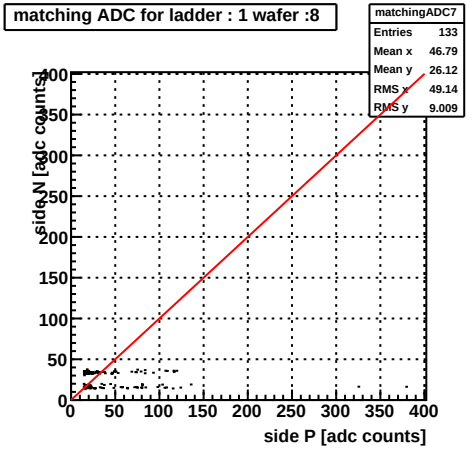

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 451
Mean x 68.17
Mean y 65.42
RMS x 55.71
RMS y 54.57
side N [adc counts]
side P [adc counts]

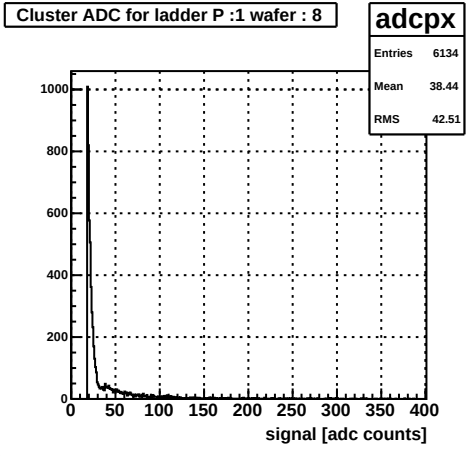

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8276
Mean 36.27
RMS 37.77
signal [adc counts]

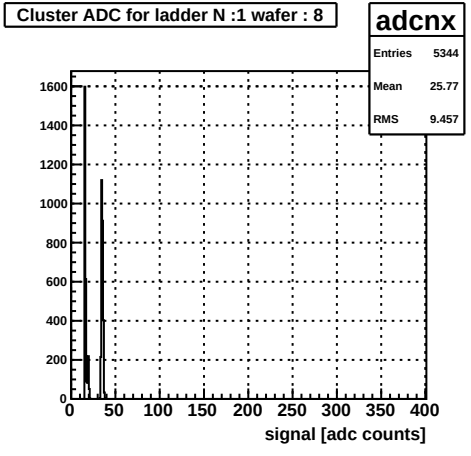

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 3072
Mean 67.21
RMS 50.28
signal [adc counts]

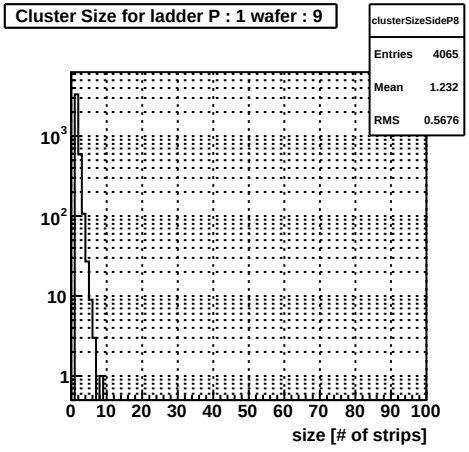

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6134
Mean 1.16
RMS 0.4675
size [# of strips]

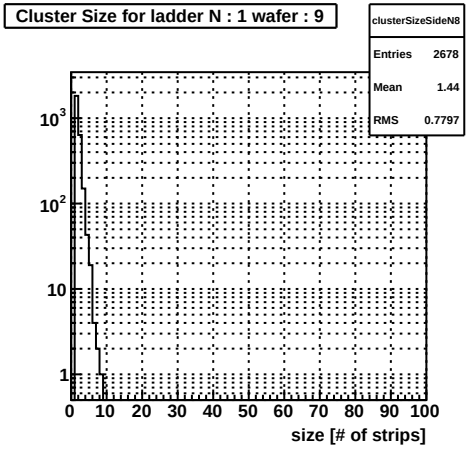

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5344
Mean 1.503
RMS 0.5
size [# of strips]

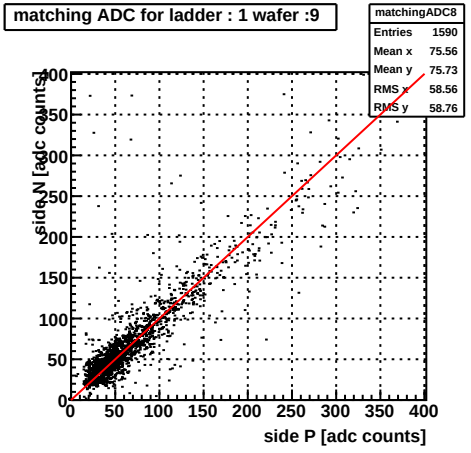

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 133
Mean x 46.79
Mean y 26.12
RMS x 49.14
RMS y 9.009
side N [adc counts]
side P [adc counts]

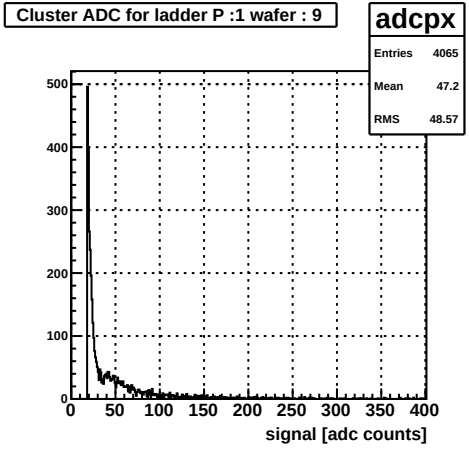

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6134
Mean 38.44
RMS 42.51
signal [adc counts]

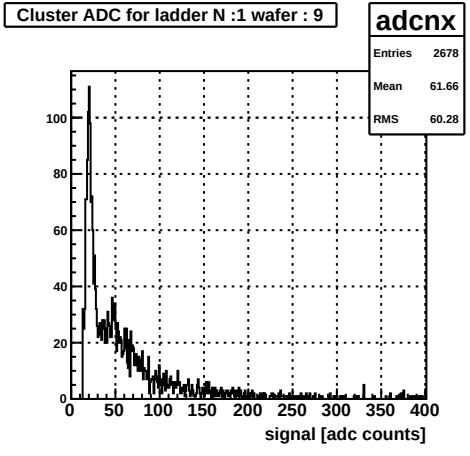

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5344
Mean 25.77
RMS 9.457
signal [adc counts]

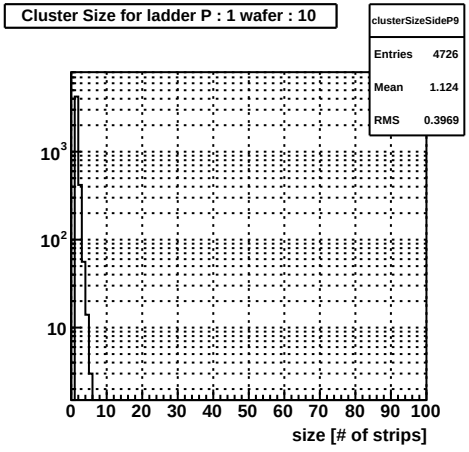

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4065
Mean 1.232
RMS 0.5676
size [# of strips]

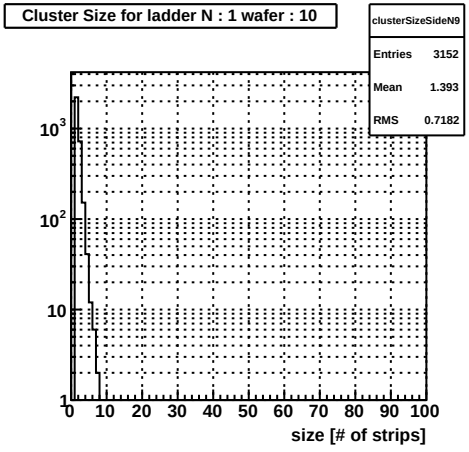

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2678
Mean 1.44
RMS 0.7797
size [# of strips]

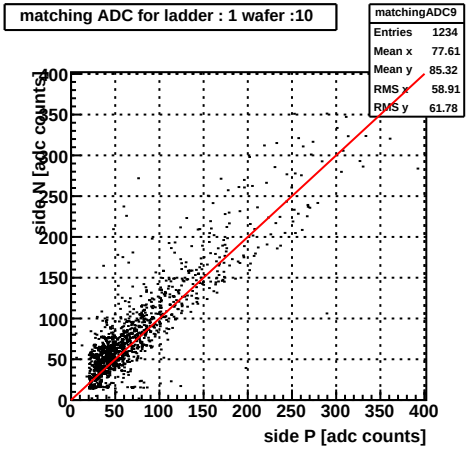

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1590
Mean x 75.56
Mean y 75.73
RMS x 58.56
RMS y 58.76
side N [adc counts]
side P [adc counts]

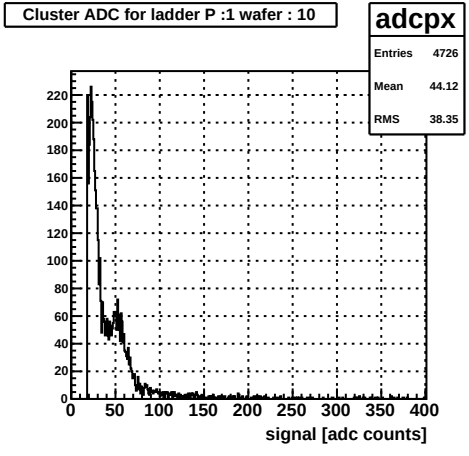

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4065
Mean 47.2
RMS 48.57
signal [adc counts]

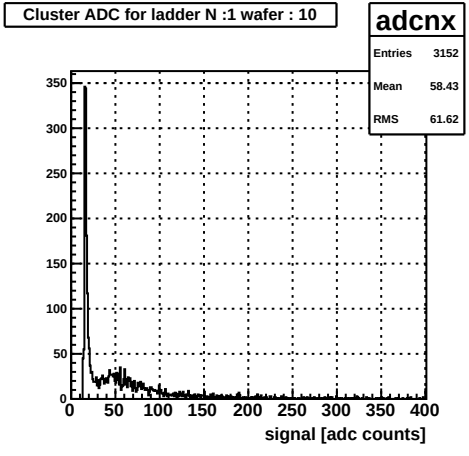

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2678
Mean 61.66
RMS 60.28
signal [adc counts]

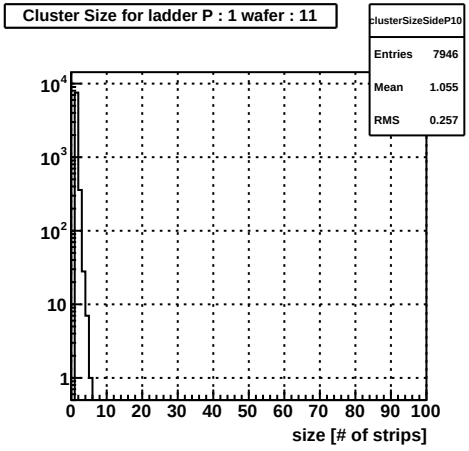

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4726
Mean 1.124
RMS 0.3969
size [# of strips]

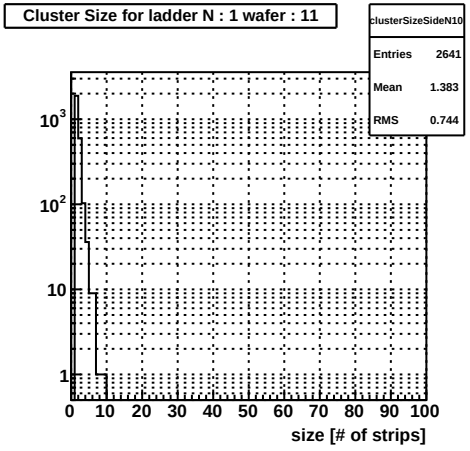

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3152
Mean 1.393
RMS 0.7182
size [# of strips]

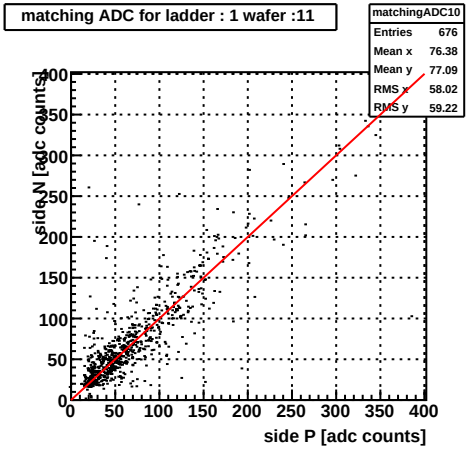

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1234
Mean x 77.61
Mean y 85.32
RMS x 58.91
RMS y 61.78
side N [adc counts]
side P [adc counts]

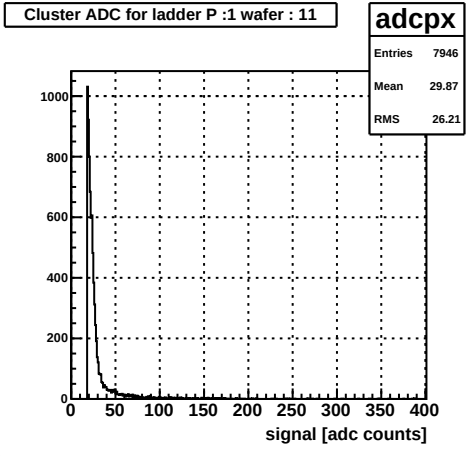

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4726
Mean 44.12
RMS 38.35
signal [adc counts]

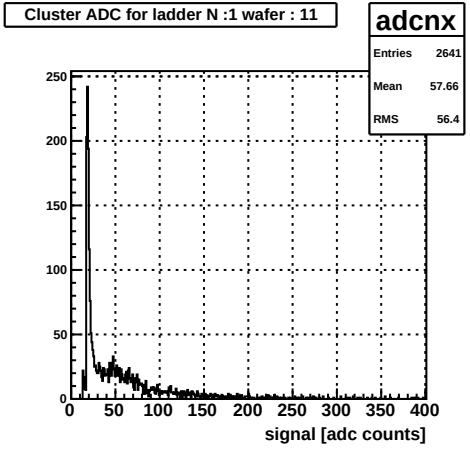

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3152
Mean 58.43
RMS 61.62
signal [adc counts]

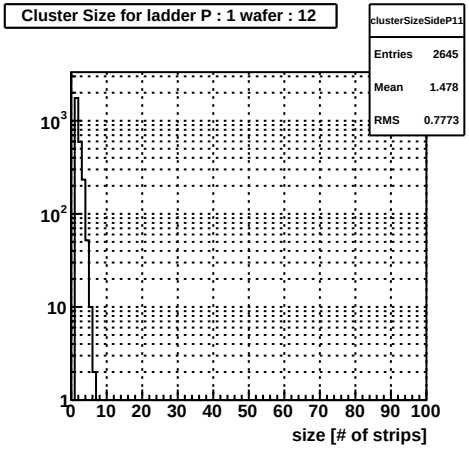

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7946
Mean 1.055
RMS 0.257
size [# of strips]

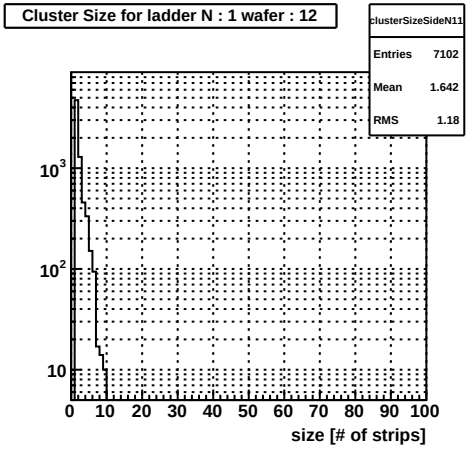

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2641
Mean 1.383
RMS 0.744
size [# of strips]

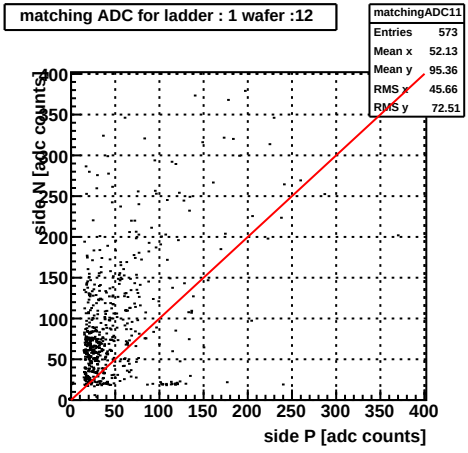

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 676
Mean x 76.38
Mean y 77.09
RMS x 58.02
RMS y 59.22
side N [adc counts]
side P [adc counts]

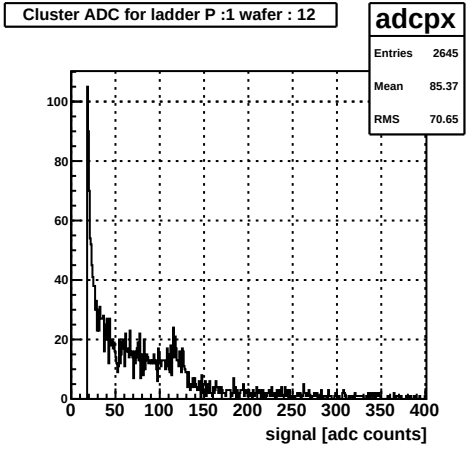

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7946
Mean 29.87
RMS 26.21
signal [adc counts]

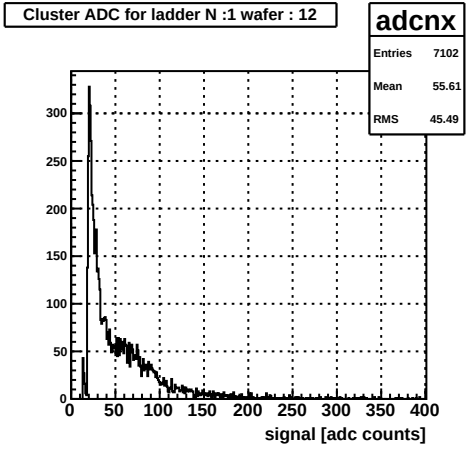

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2641
Mean 57.66
RMS 56.4
signal [adc counts]

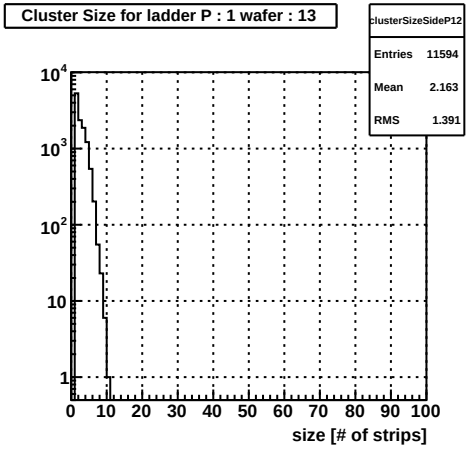

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2645
Mean 1.478
RMS 0.7773
size [# of strips]

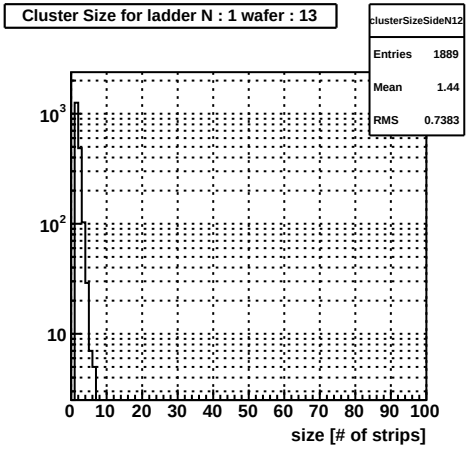

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7102
Mean 1.642
RMS 1.18
size [# of strips]

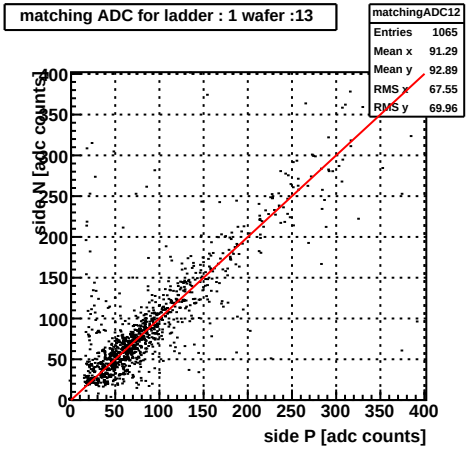

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 573
Mean x 52.13
Mean y 95.36
RMS x 45.66
RMS y 72.51
side N [adc counts]
side P [adc counts]

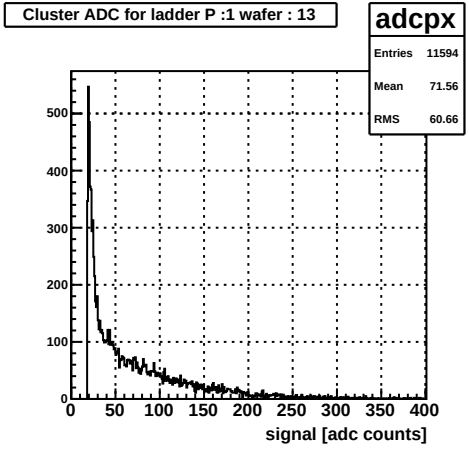

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2645
Mean 85.37
RMS 70.65
signal [adc counts]

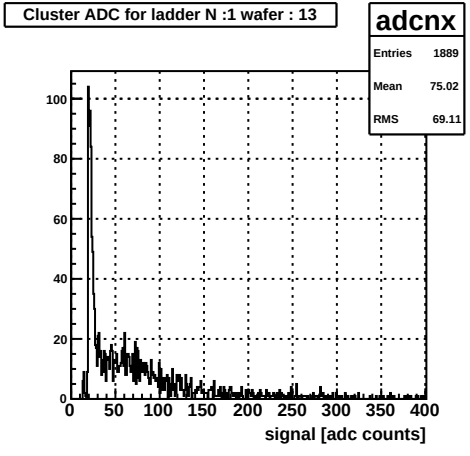

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7102
Mean 55.61
RMS 45.49
signal [adc counts]

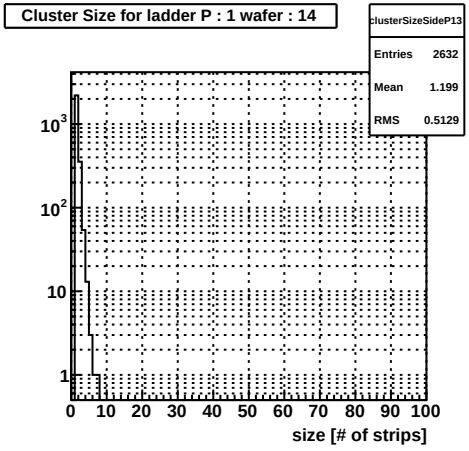

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11594
Mean 2.163
RMS 1.391
size [# of strips]

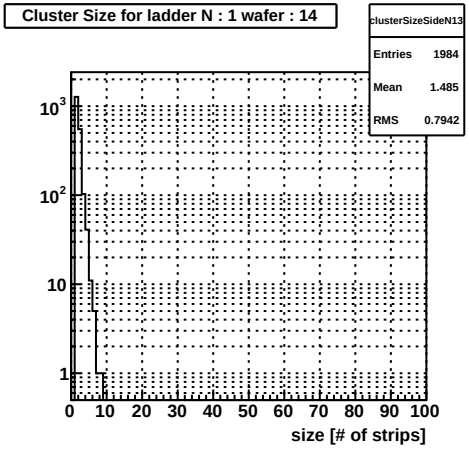

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1889
Mean 1.44
RMS 0.7383
size [# of strips]

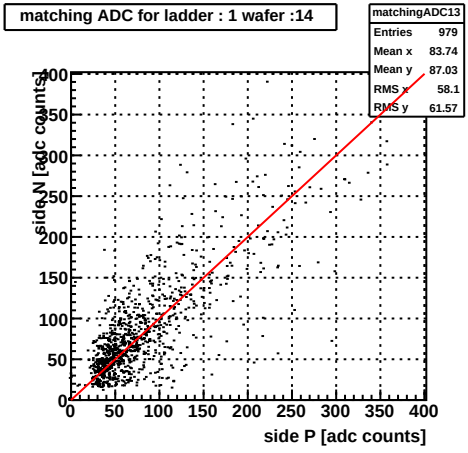

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1065
Mean x 91.29
Mean y 92.89
RMS x 67.55
RMS y 69.96
side N [adc counts]
side P [adc counts]

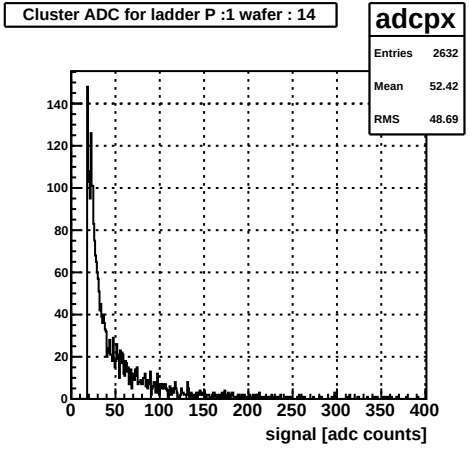

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11594
Mean 71.56
RMS 60.66
signal [adc counts]

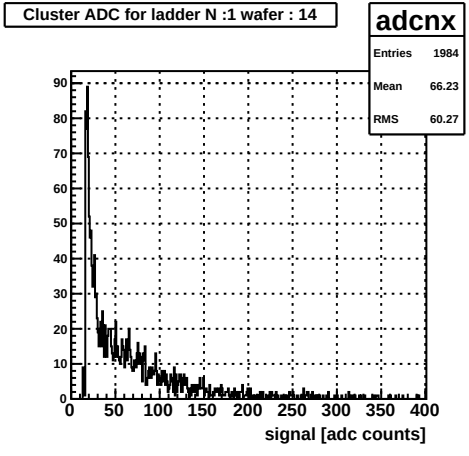

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1889
Mean 75.02
RMS 69.11
signal [adc counts]

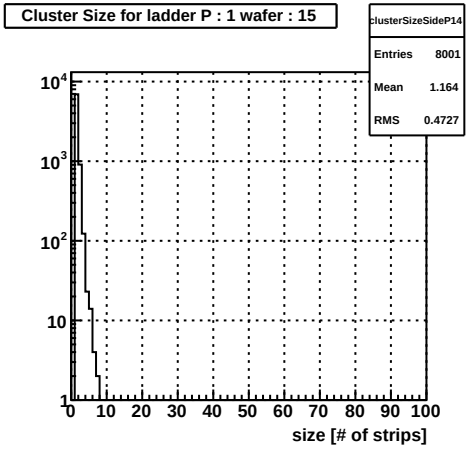

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2632
Mean 1.199
RMS 0.5129
size [# of strips]

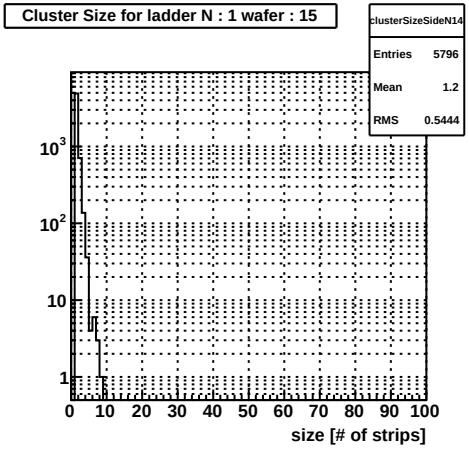

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1984
Mean 1.485
RMS 0.7942
size [# of strips]

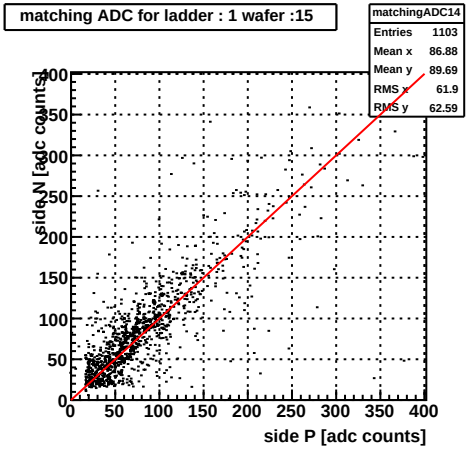

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 979
Mean x 83.74
Mean y 87.03
RMS x 58.1
RMS y 61.57
side N [adc counts]
side P [adc counts]

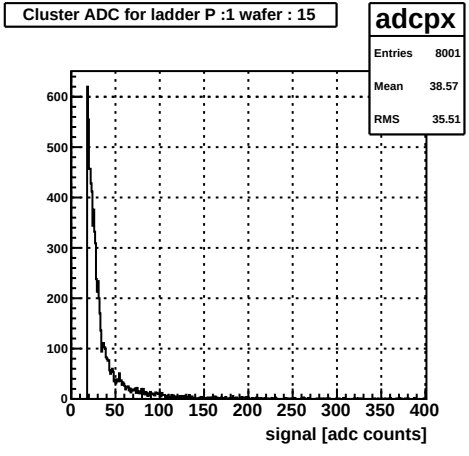

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2632
Mean 52.42
RMS 48.69
signal [adc counts]

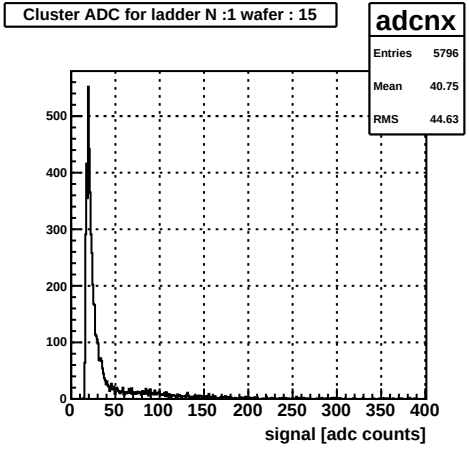

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1984
Mean 66.23
RMS 60.27
signal [adc counts]

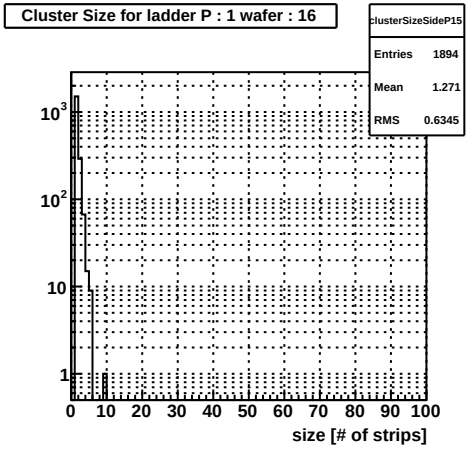

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8001
Mean 1.164
RMS 0.4727
size [# of strips]

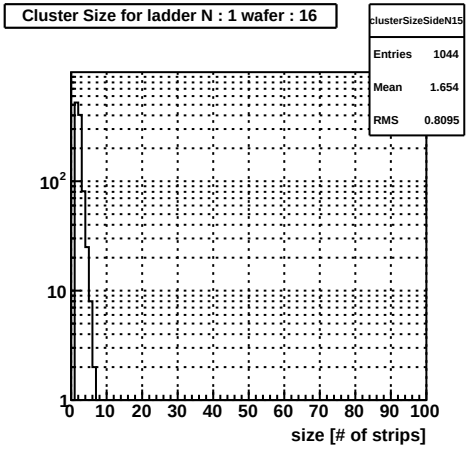

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5796
Mean 1.2
RMS 0.5444
size [# of strips]

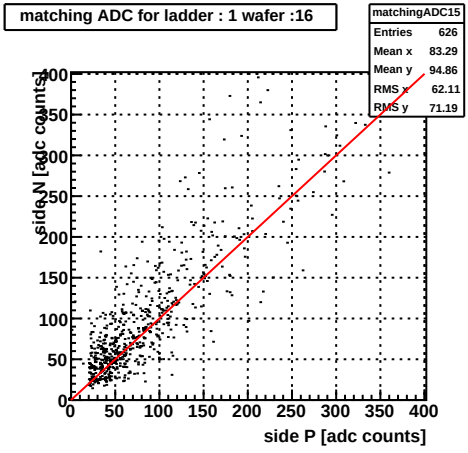

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1103
Mean x 86.88
Mean y 89.69
RMS x 61.9
RMS y 62.59
side N [adc counts]
side P [adc counts]

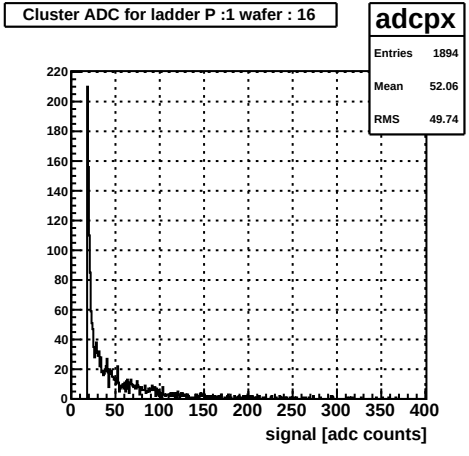

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8001
Mean 38.57
RMS 35.51
signal [adc counts]

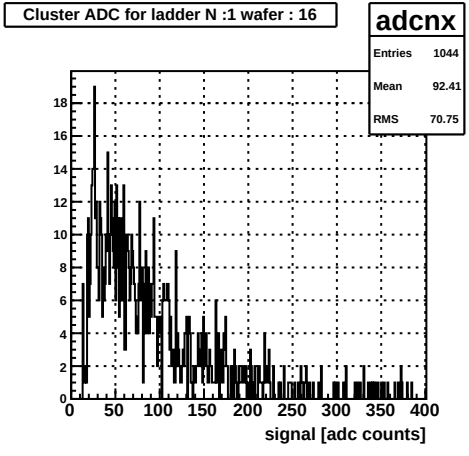

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5796
Mean 40.75
RMS 44.63
signal [adc counts]

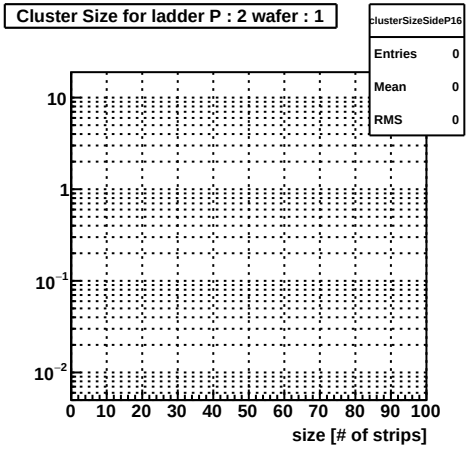

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1894
Mean 1.271
RMS 0.6345
size [# of strips]

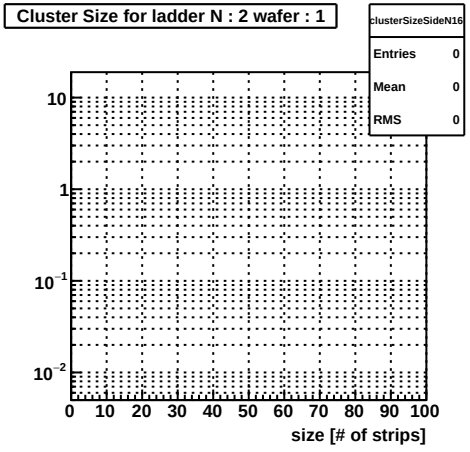

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1044
Mean 1.654
RMS 0.8095
size [# of strips]

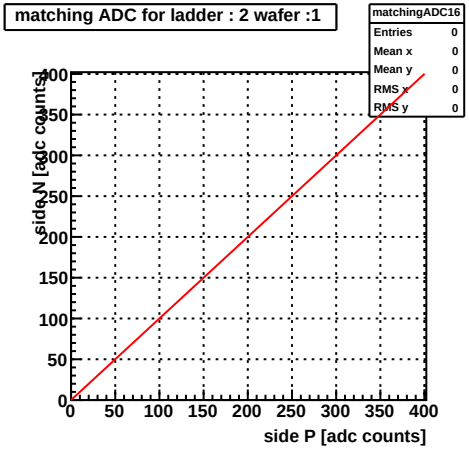

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 626
Mean x 83.29
Mean y 94.86
RMS x 62.11
RMS y 71.19
side N [adc counts]
side P [adc counts]

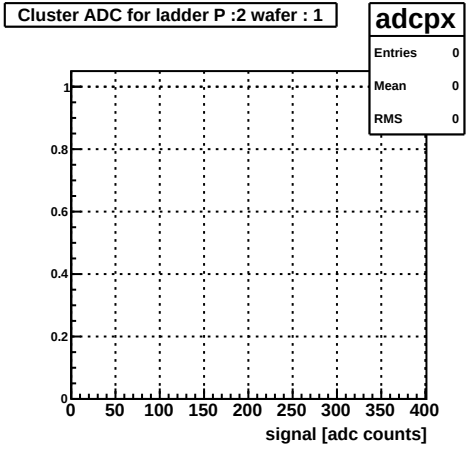

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1894
Mean 52.06
RMS 49.74
signal [adc counts]

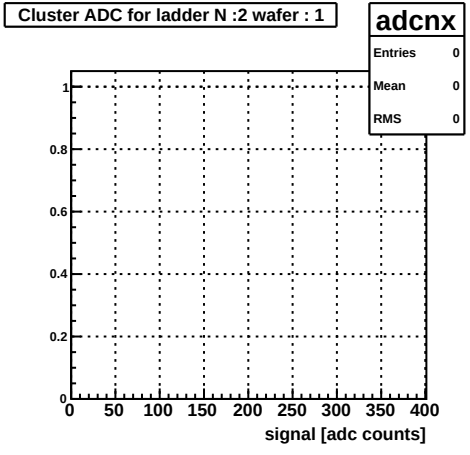

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1044
Mean 92.41
RMS 70.75
signal [adc counts]

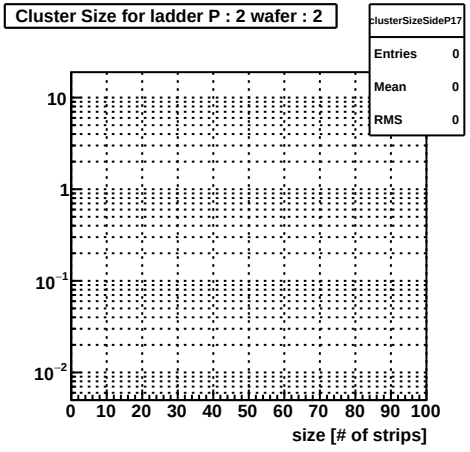

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

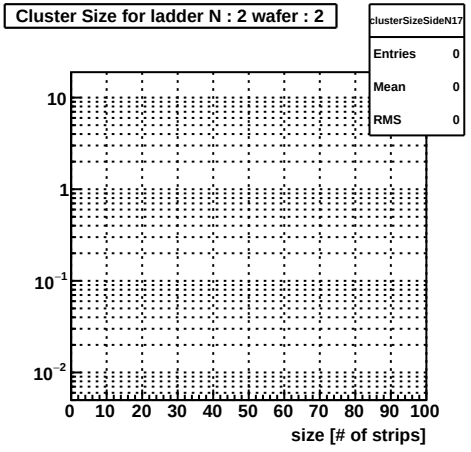

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

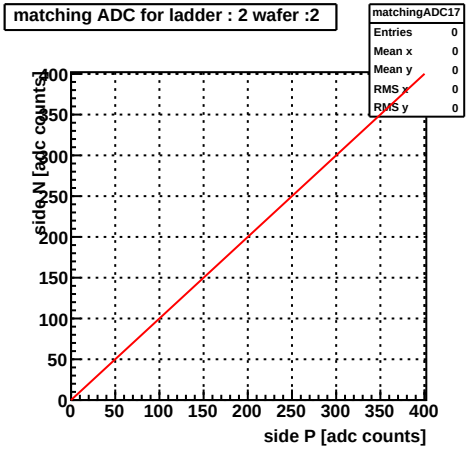

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

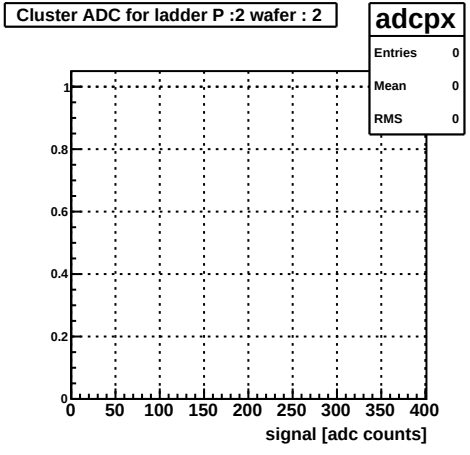

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

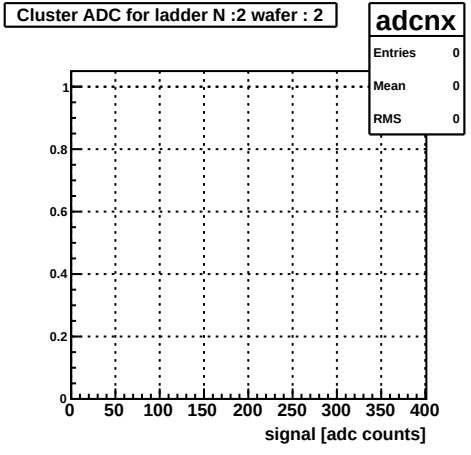

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

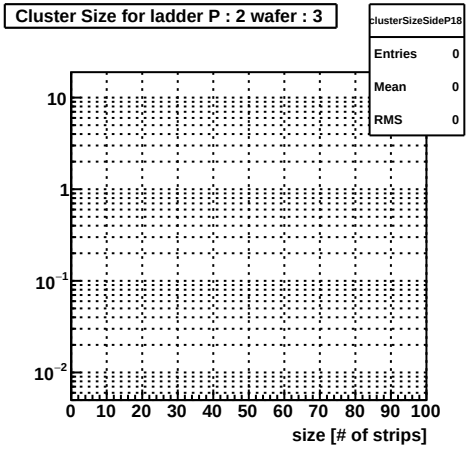

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

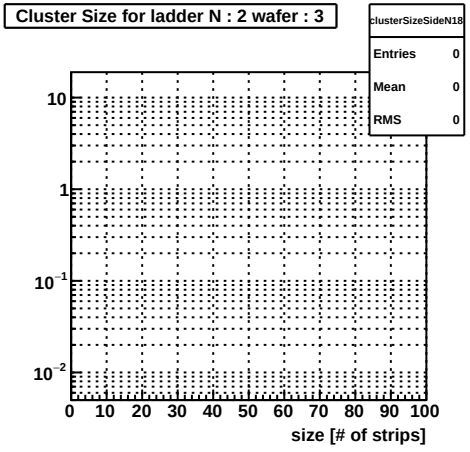

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

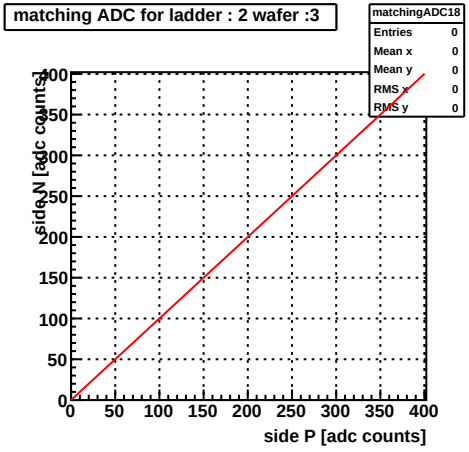

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

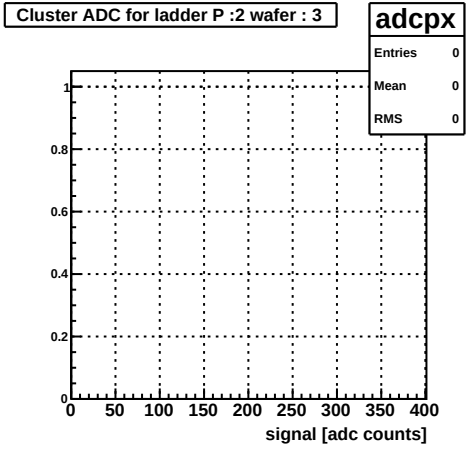

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

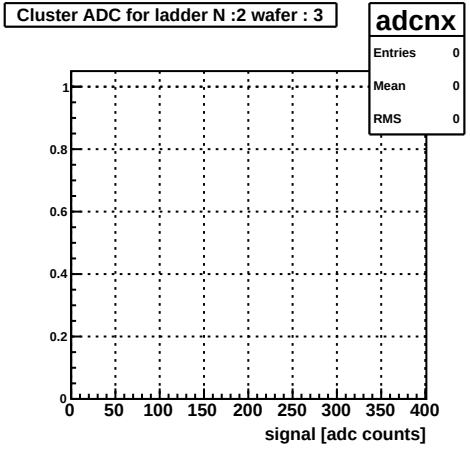

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

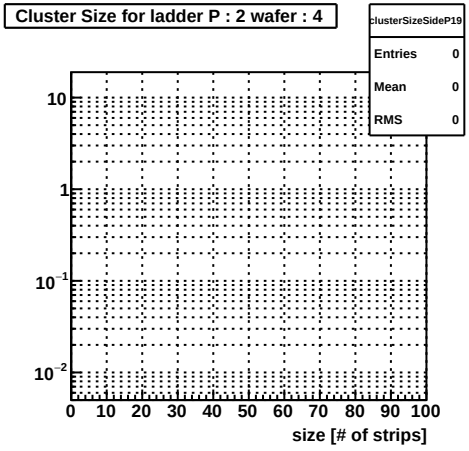

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

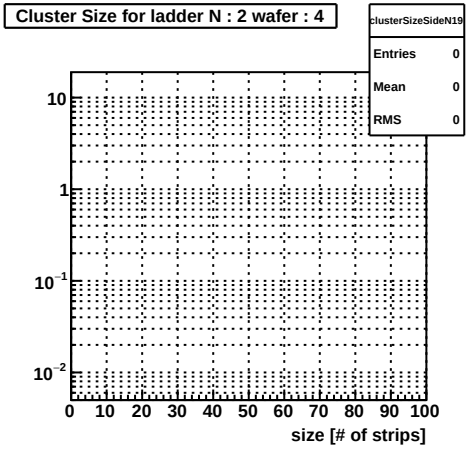

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

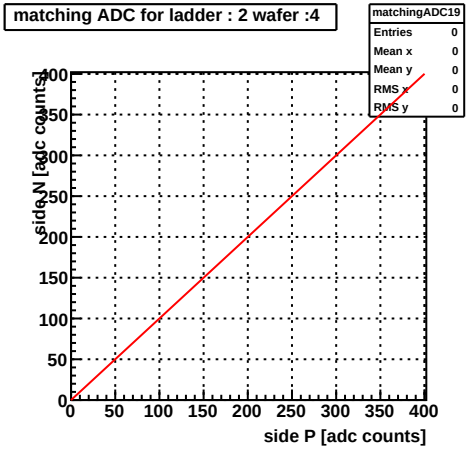

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

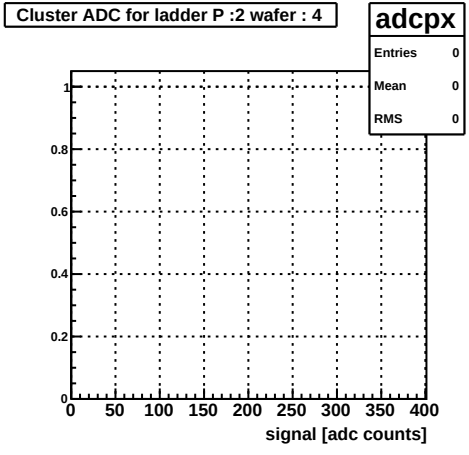

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

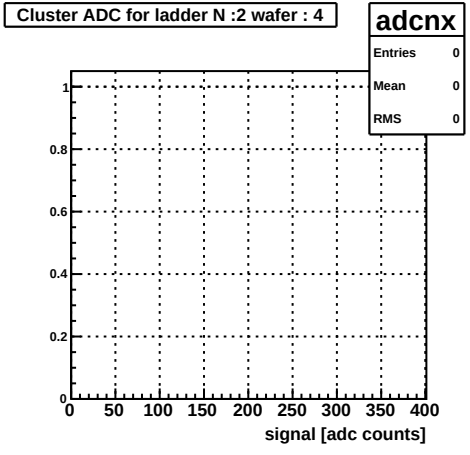

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

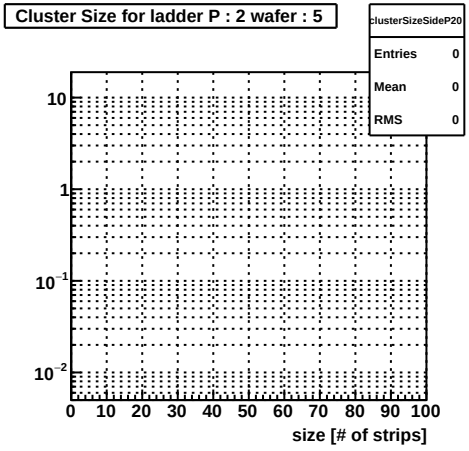

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

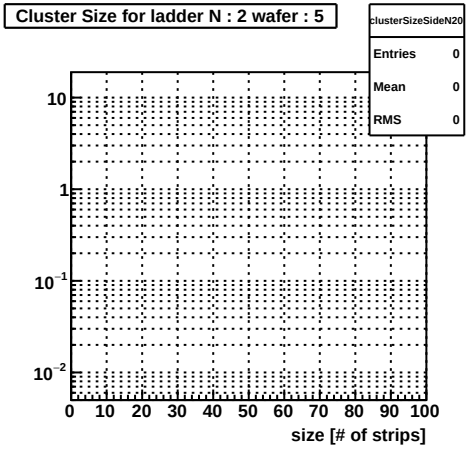

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

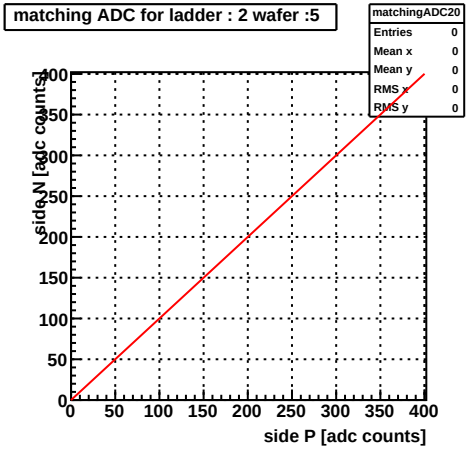

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

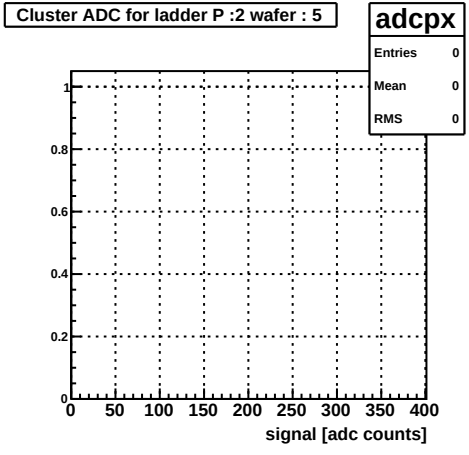

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

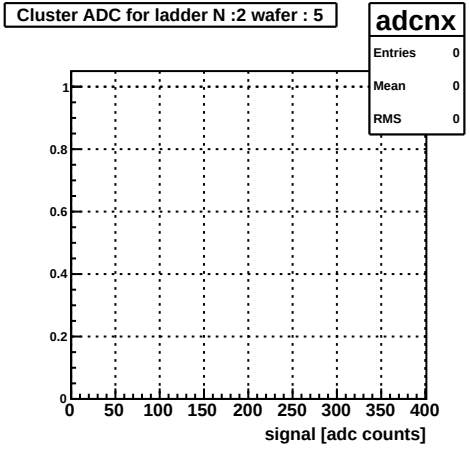

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

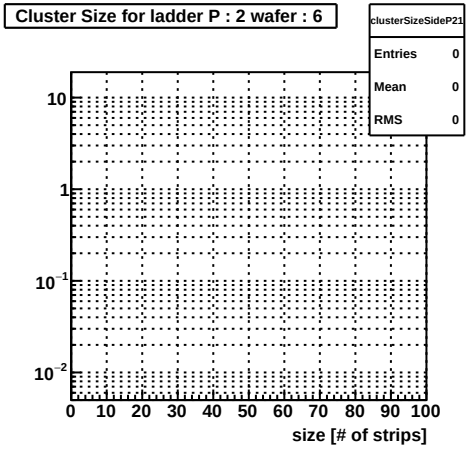

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

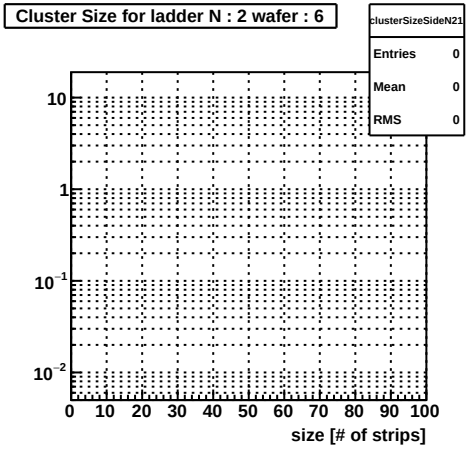

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

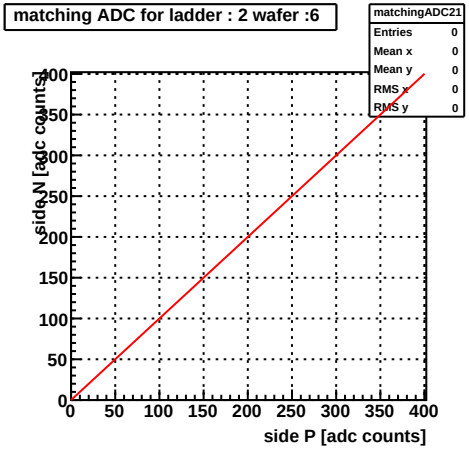

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

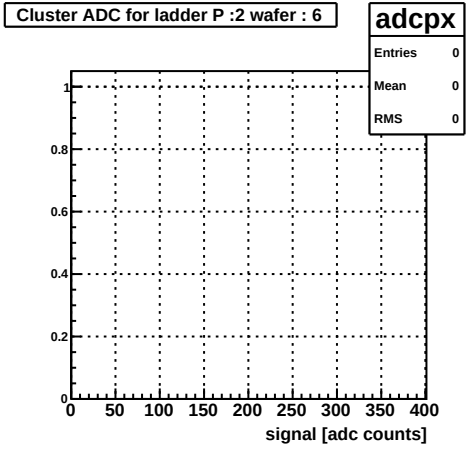

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

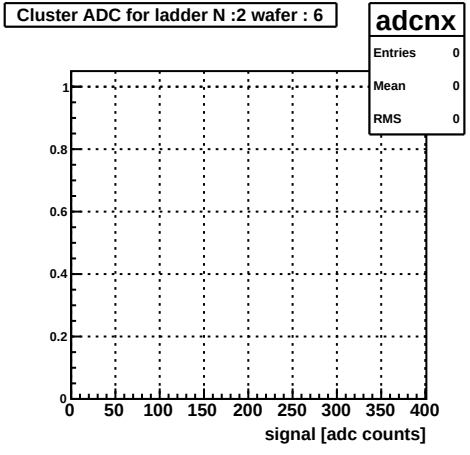

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

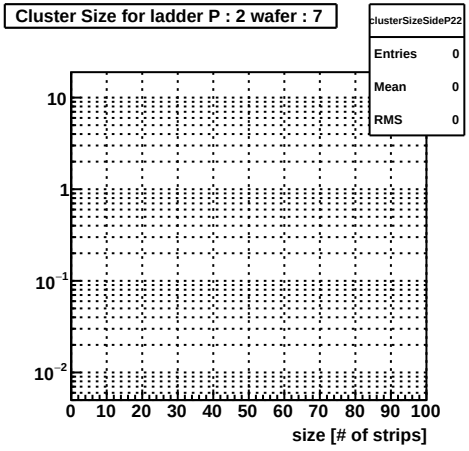

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

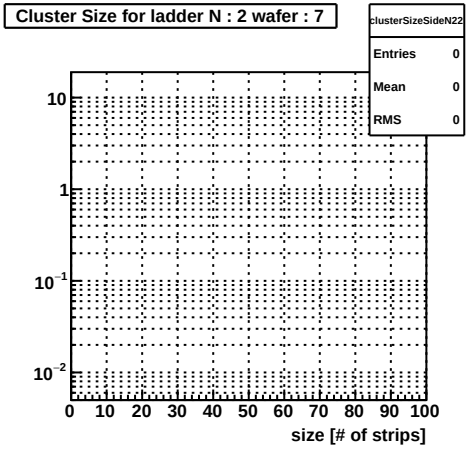

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

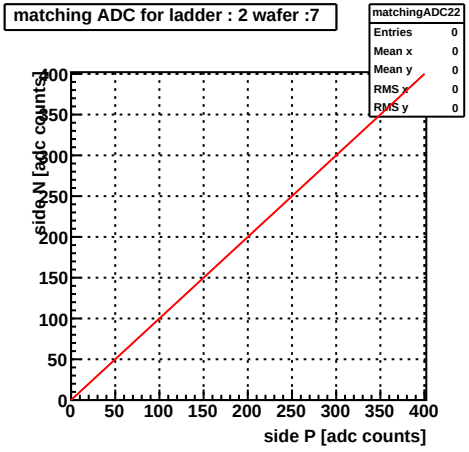

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

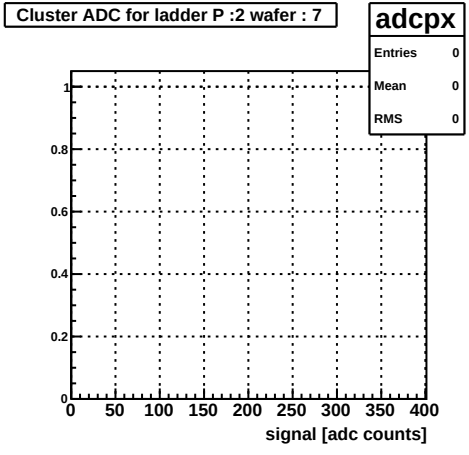

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

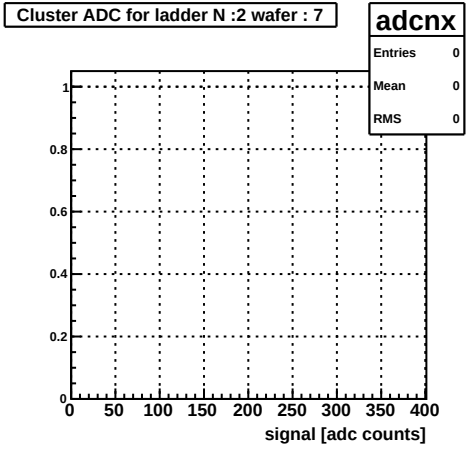

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

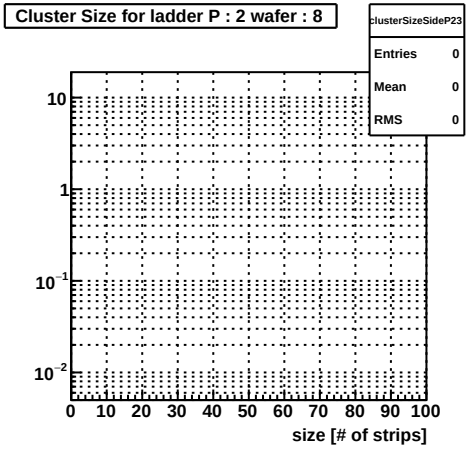

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

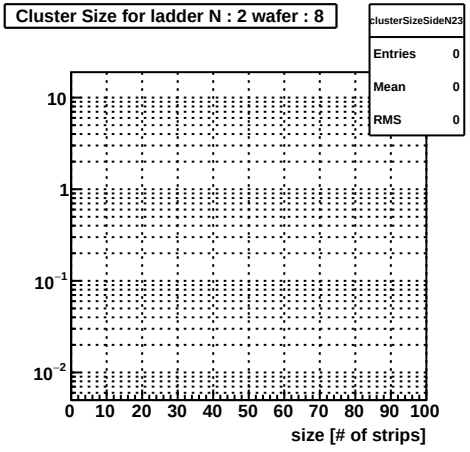

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

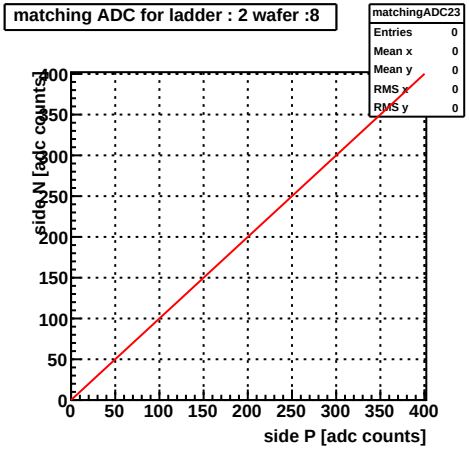

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

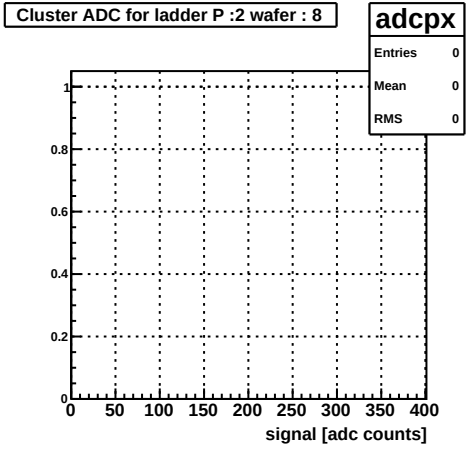

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

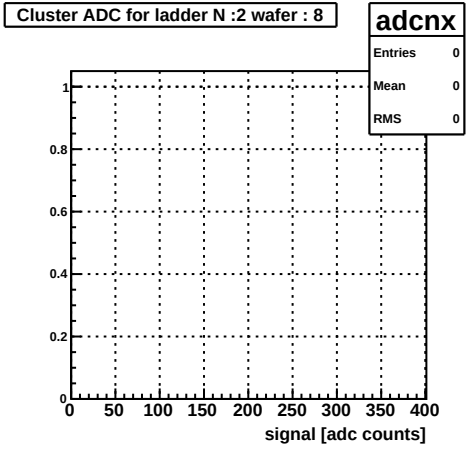

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

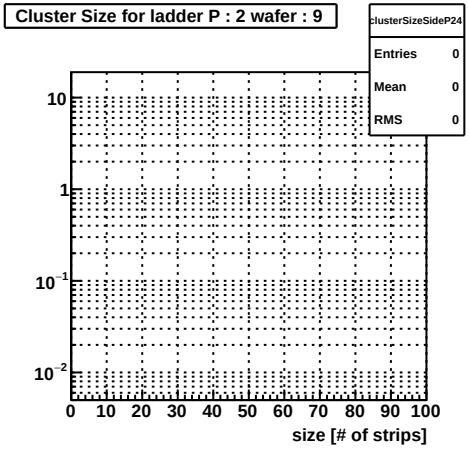

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

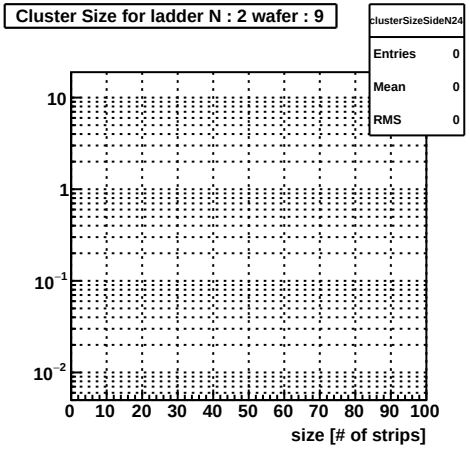

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

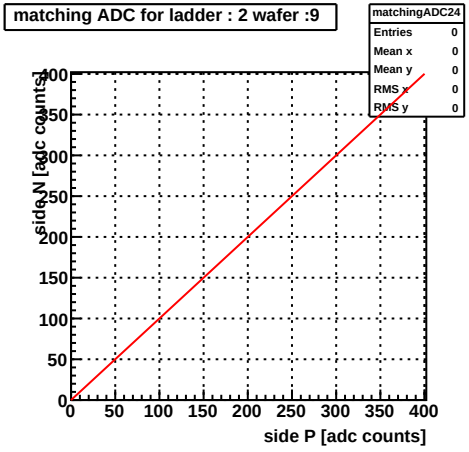

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

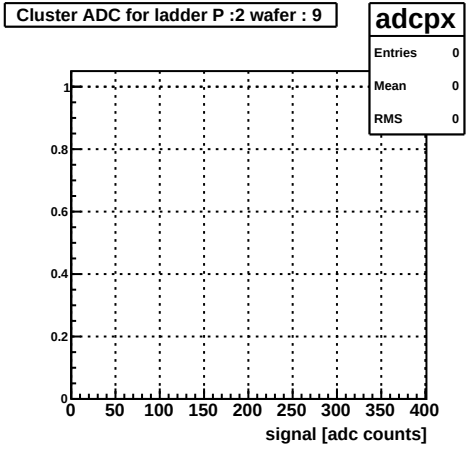

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

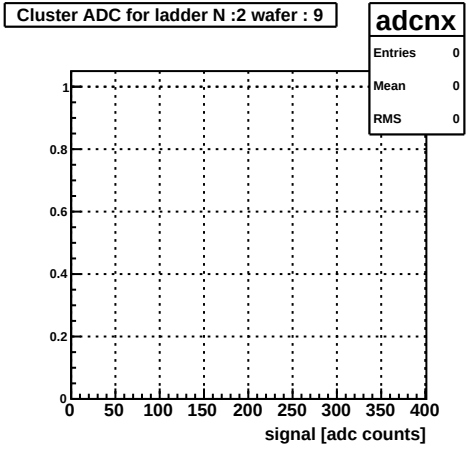

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

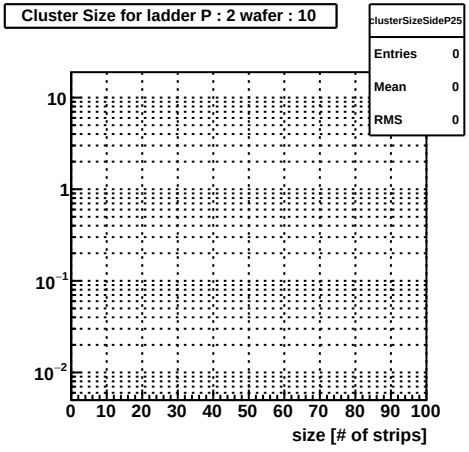

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

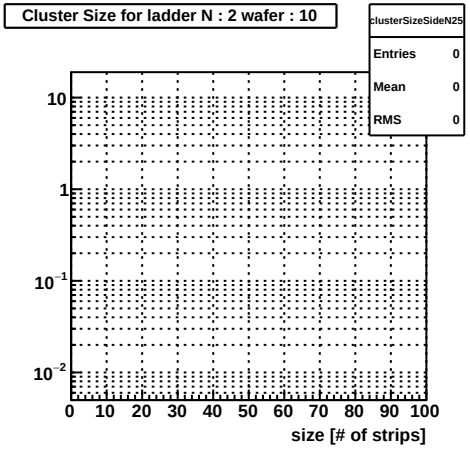

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

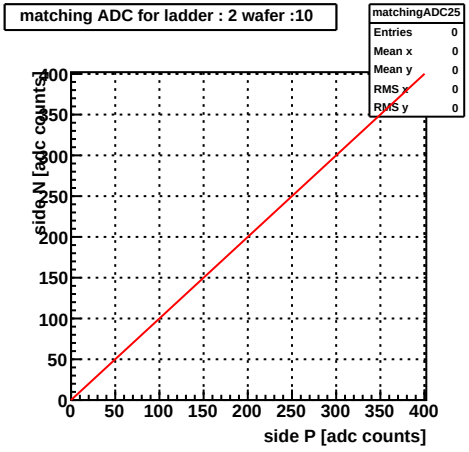

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

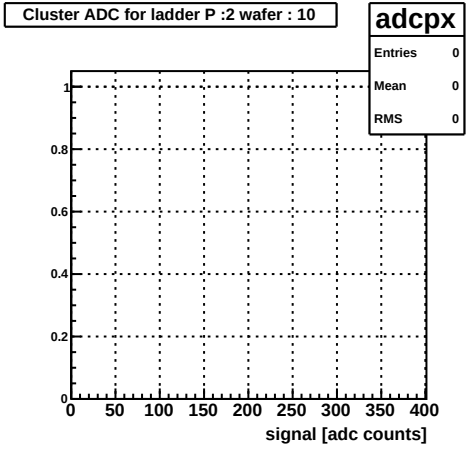

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

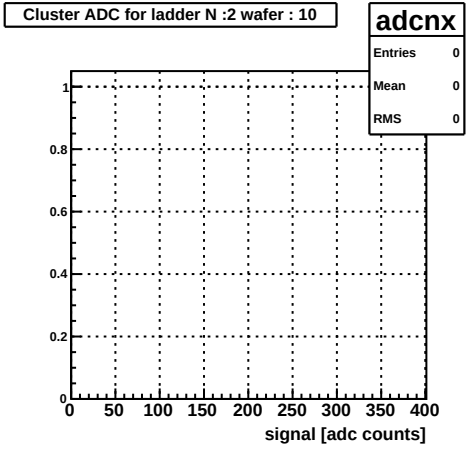

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

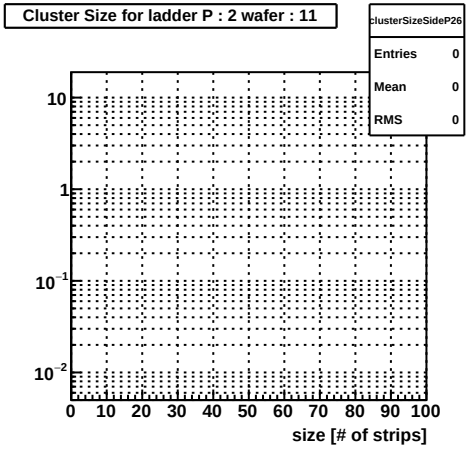

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

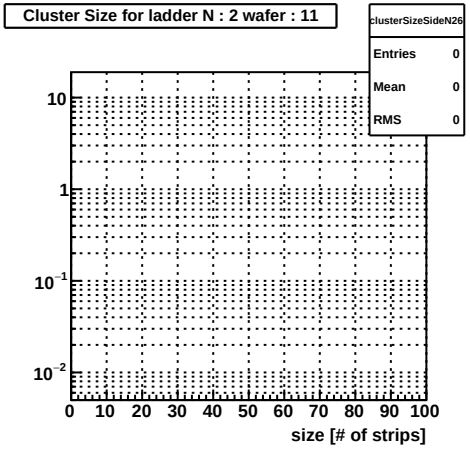

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

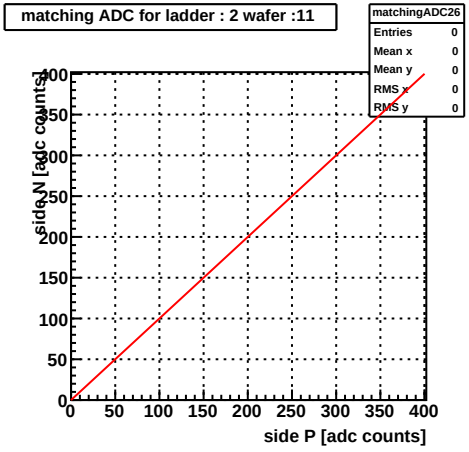

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

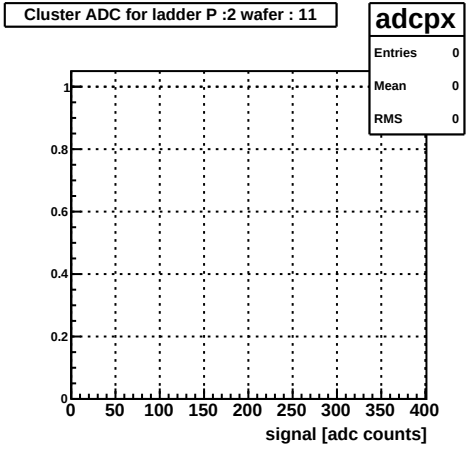

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

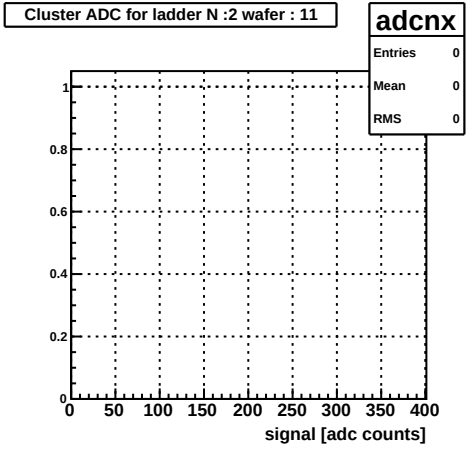

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

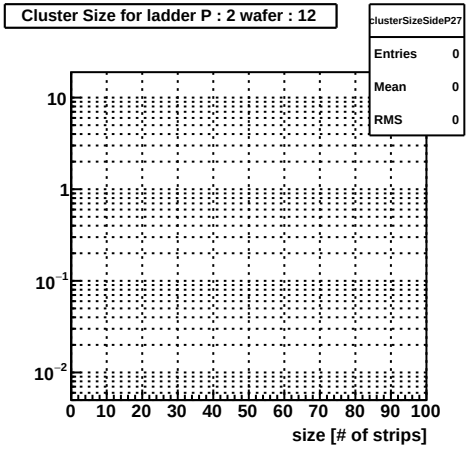

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

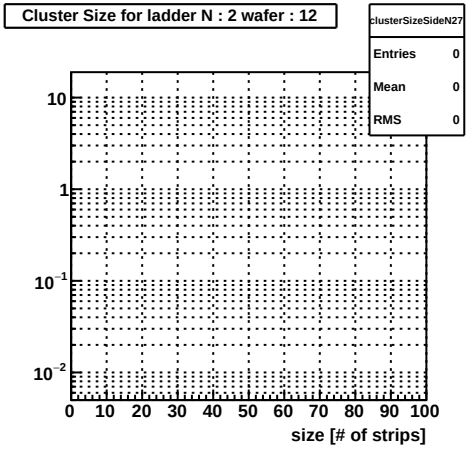

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

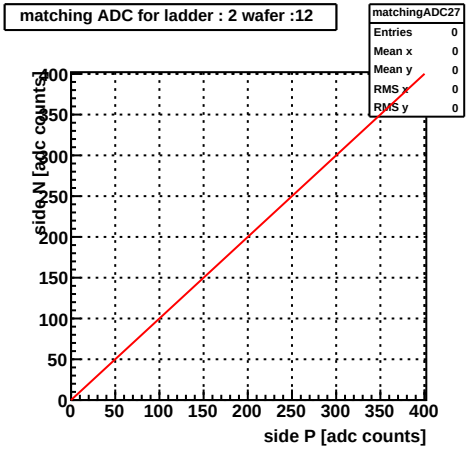

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

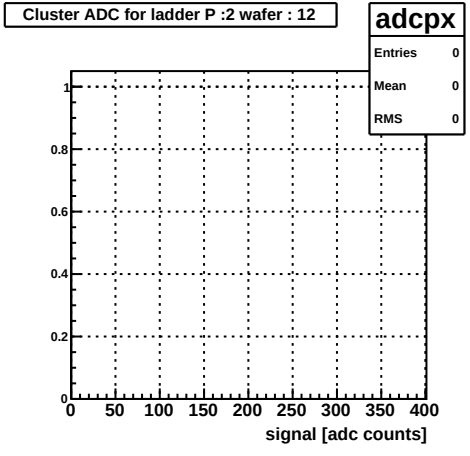

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

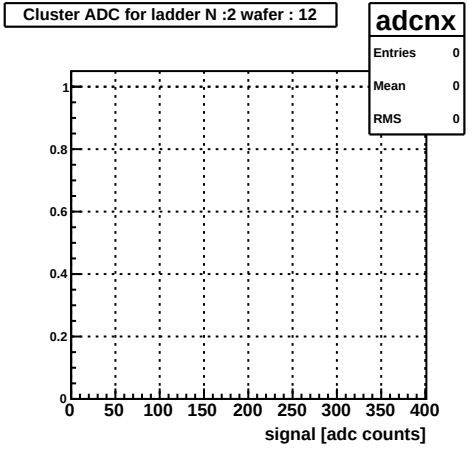

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

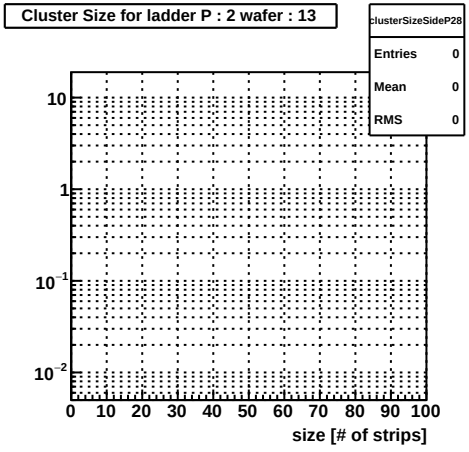

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

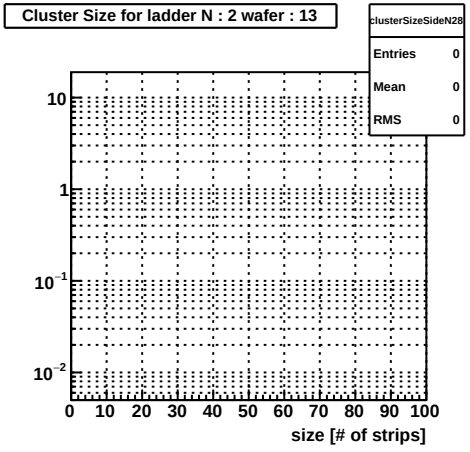

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

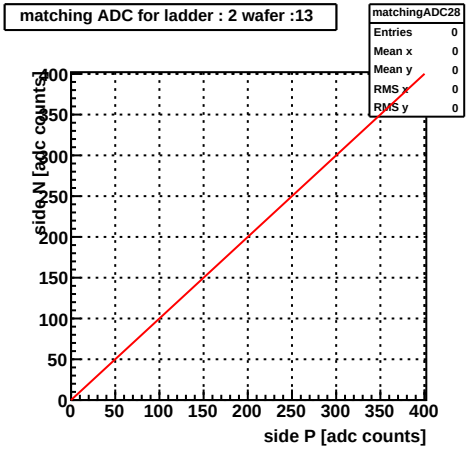

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

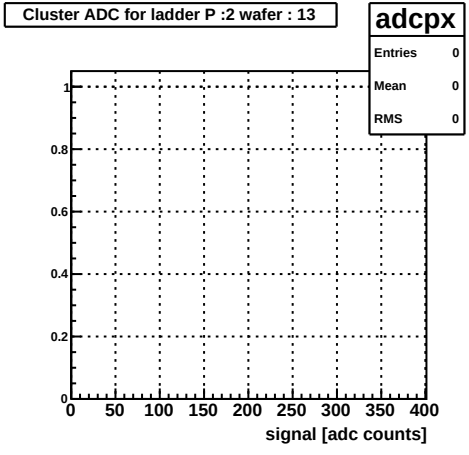

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

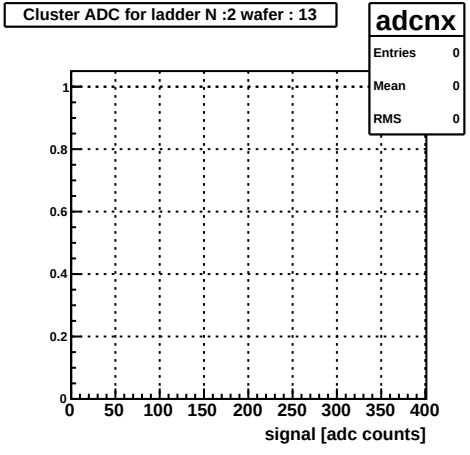

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

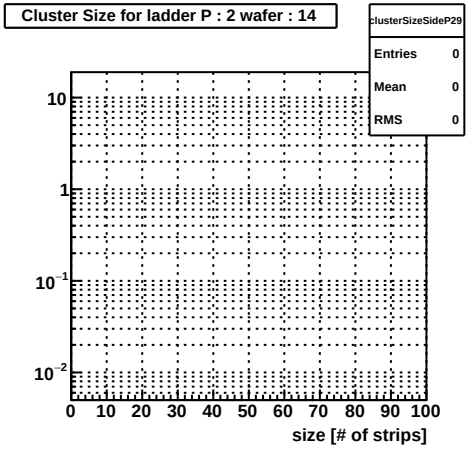

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

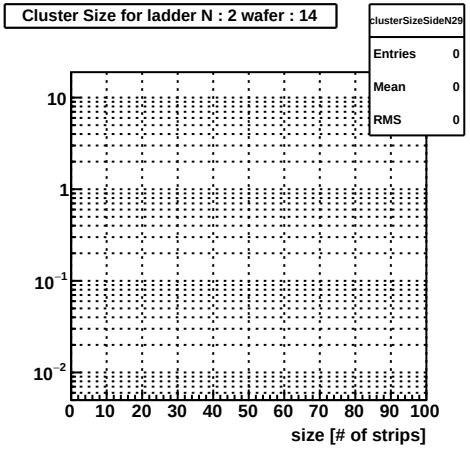

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

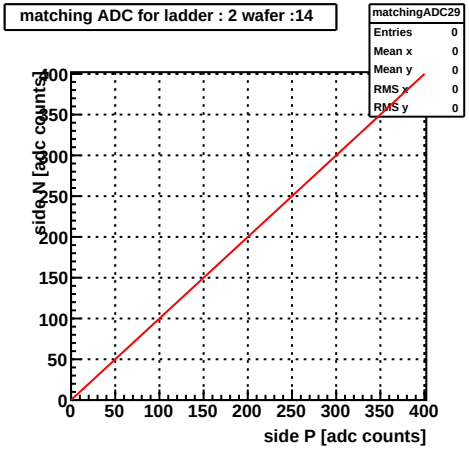

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

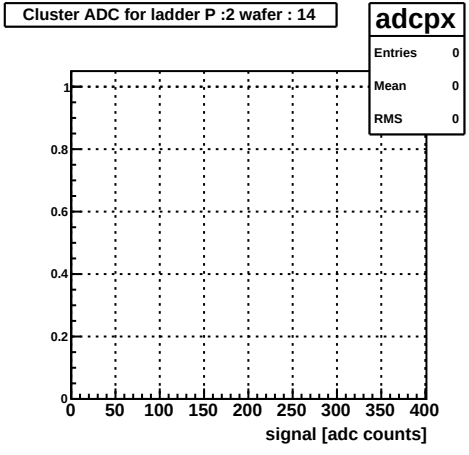

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

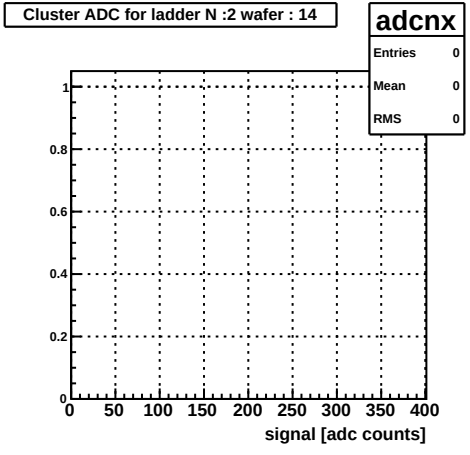

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

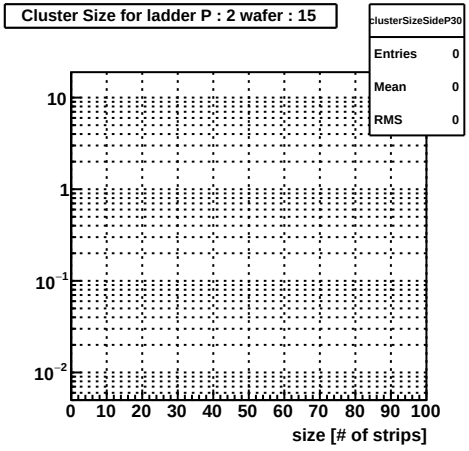

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

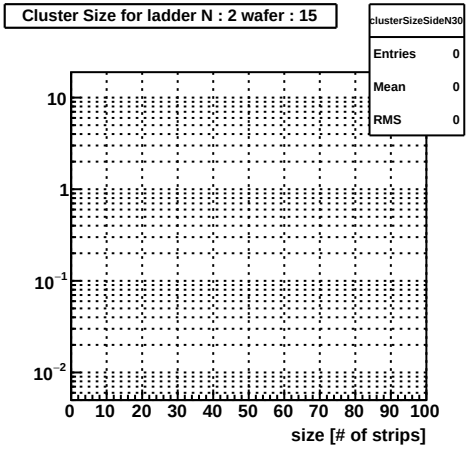

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

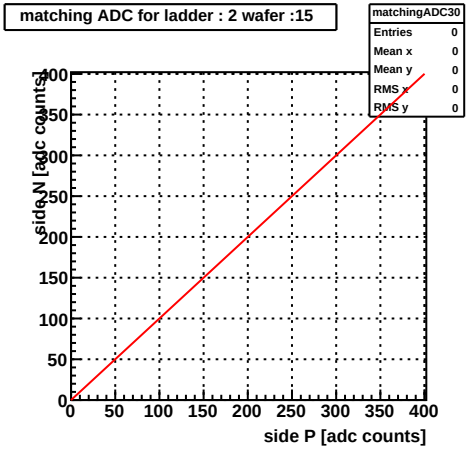

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

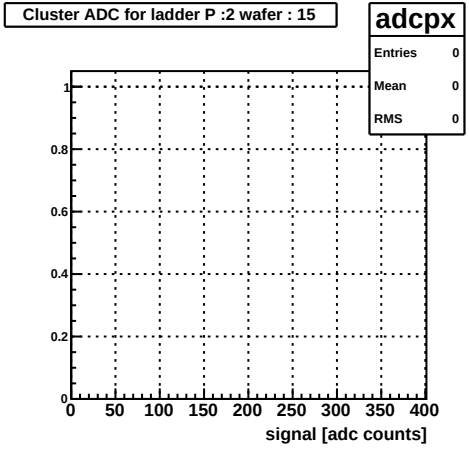

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

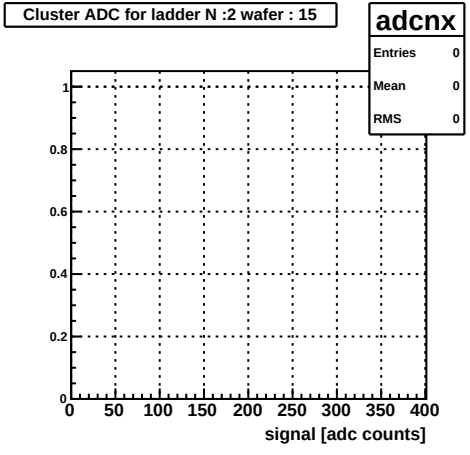

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

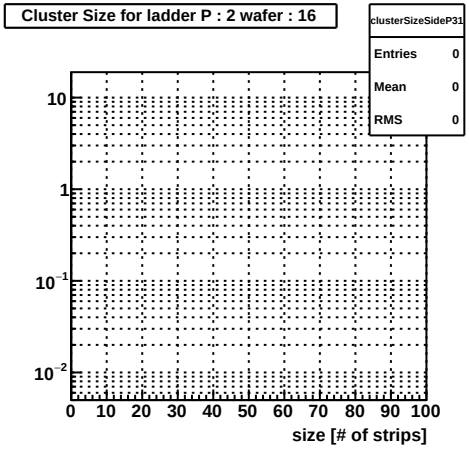

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

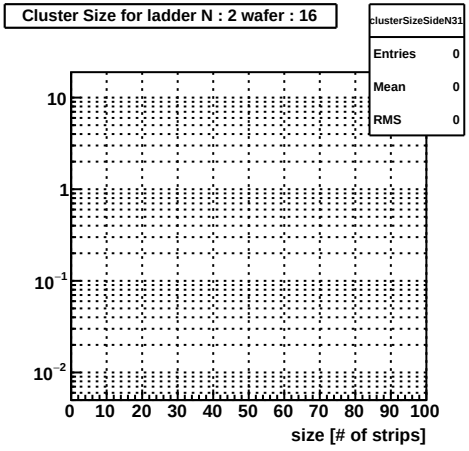

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

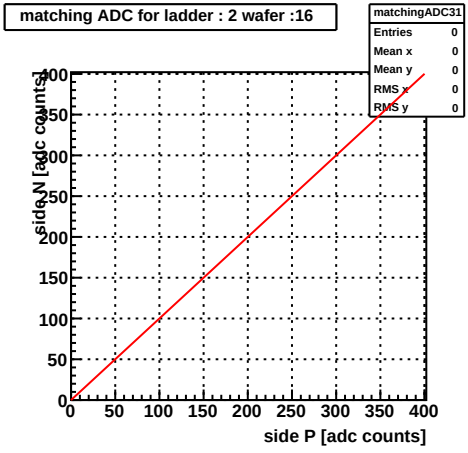

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

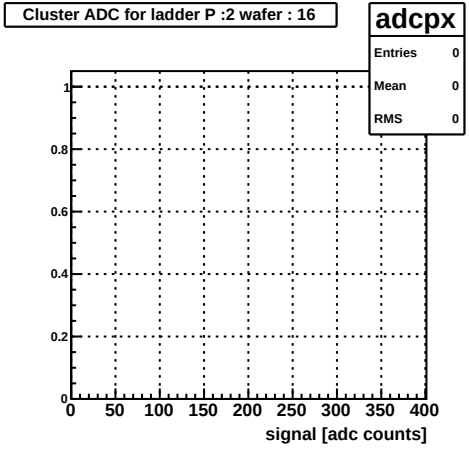

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

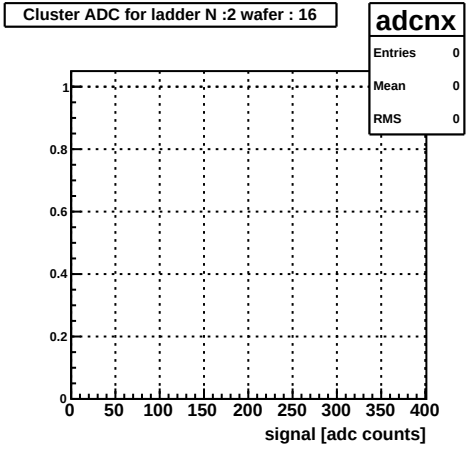

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

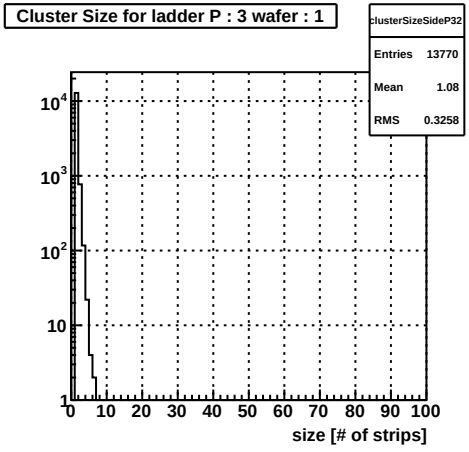

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

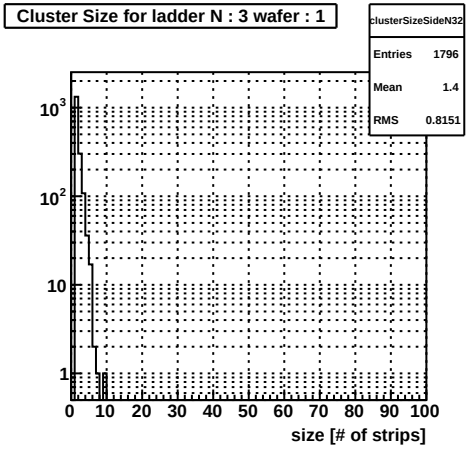

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

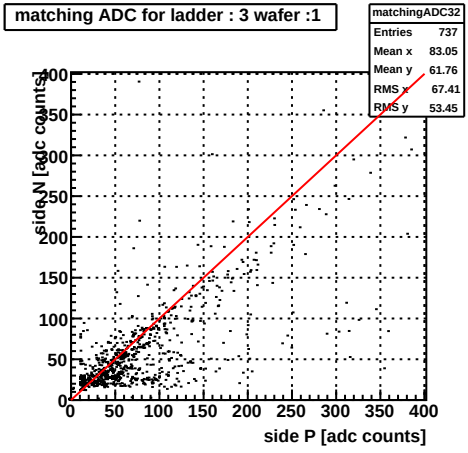

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

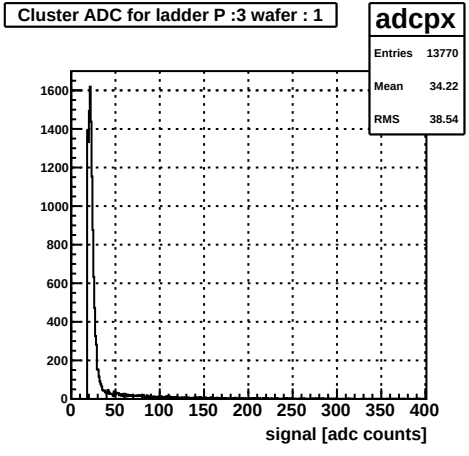

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

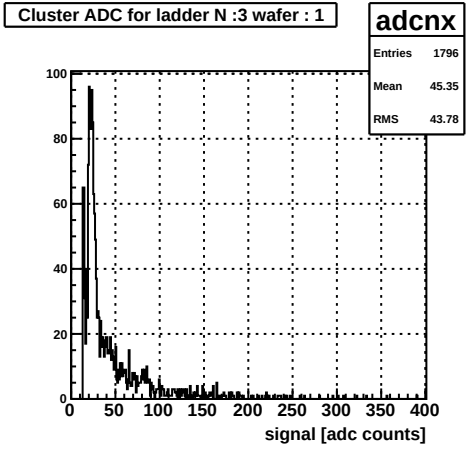

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

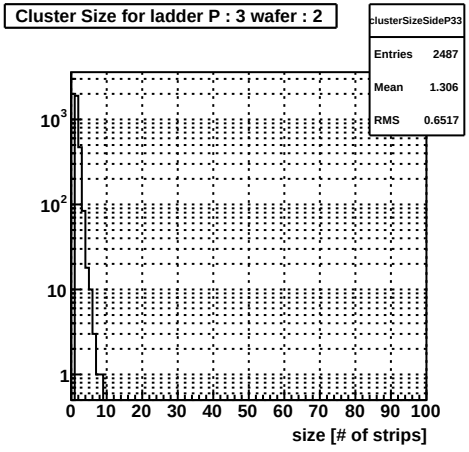

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13770
Mean 1.08
RMS 0.3258
size [# of strips]

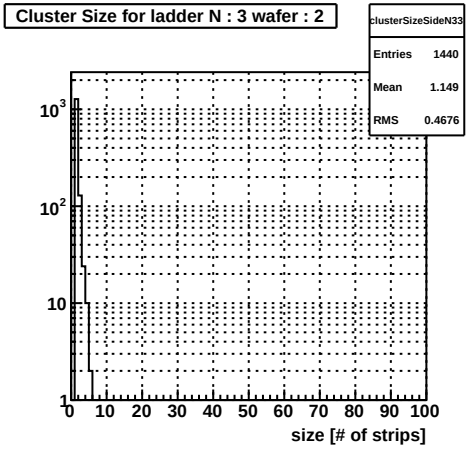

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1796
Mean 1.4
RMS 0.8151
size [# of strips]

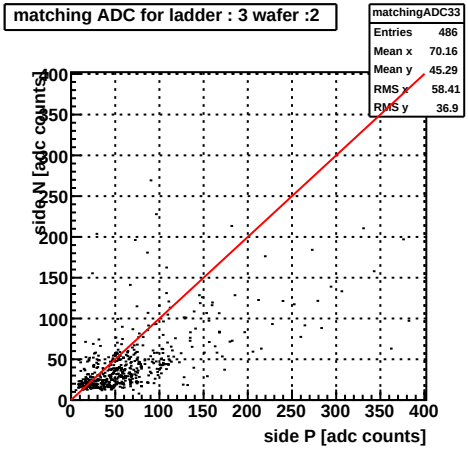

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 737
Mean x 83.05
Mean y 61.76
RMS x 67.41
RMS y 53.45
side N [adc counts]
side P [adc counts]

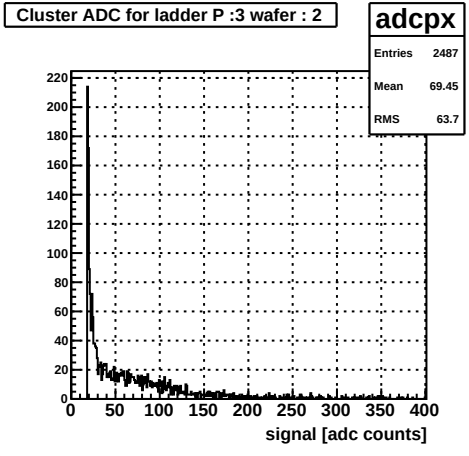

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13770
Mean 34.22
RMS 38.54
signal [adc counts]

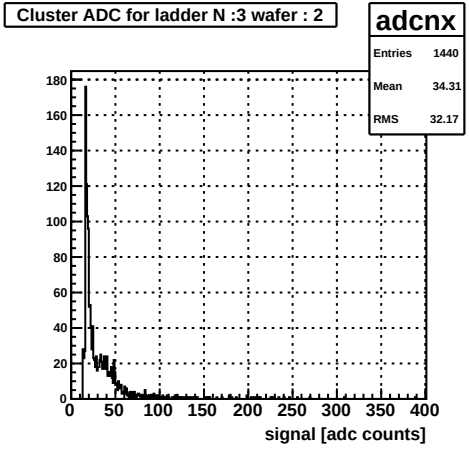

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1796
Mean 45.35
RMS 43.78
signal [adc counts]

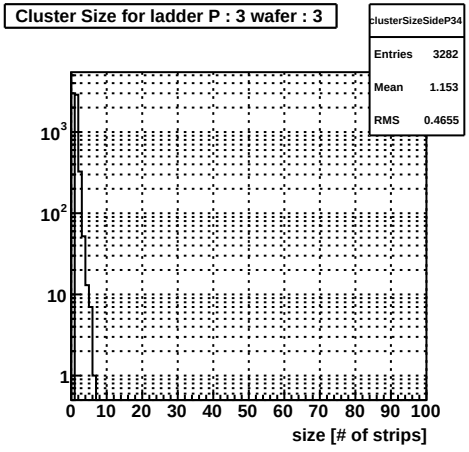

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2487
Mean 1.306
RMS 0.6517
size [# of strips]

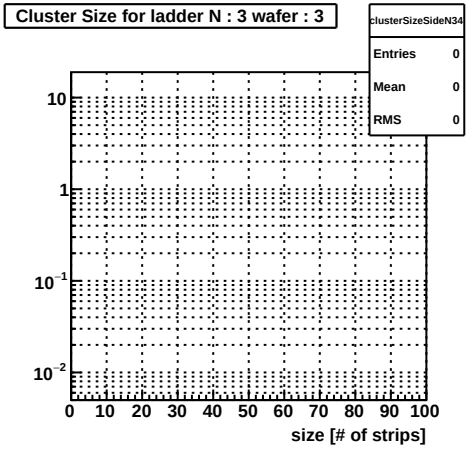

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1440
Mean 1.149
RMS 0.4676
size [# of strips]

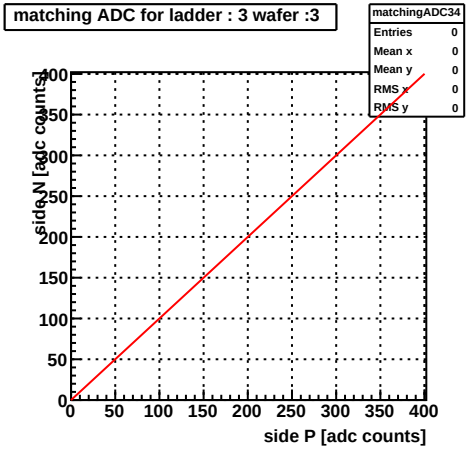

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 486
Mean x 70.16
Mean y 45.29
RMS x 58.41
RMS y 36.9
side N [adc counts]
side P [adc counts]

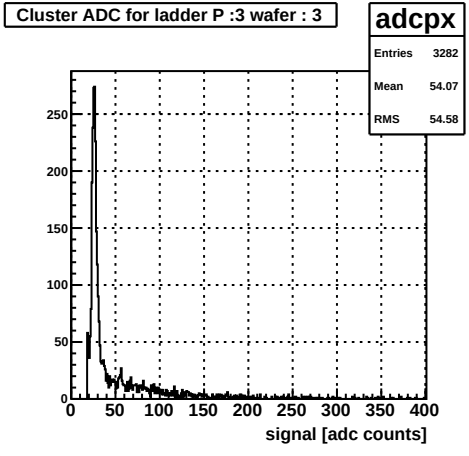

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2487
Mean 69.45
RMS 63.7
signal [adc counts]

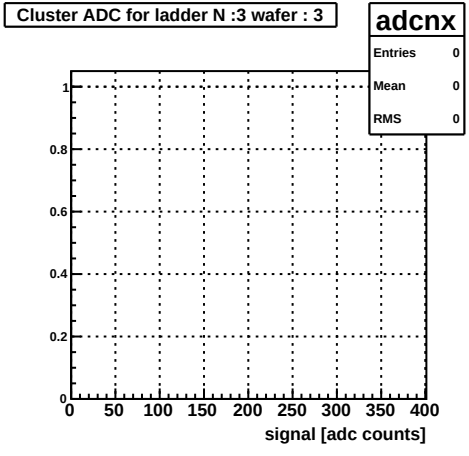

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1440
Mean 34.31
RMS 32.17
signal [adc counts]

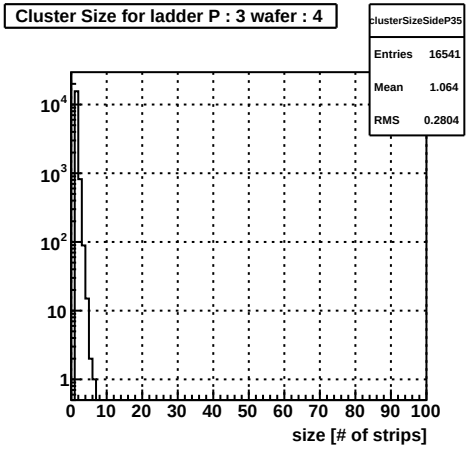

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3282
Mean 1.153
RMS 0.4655
size [# of strips]

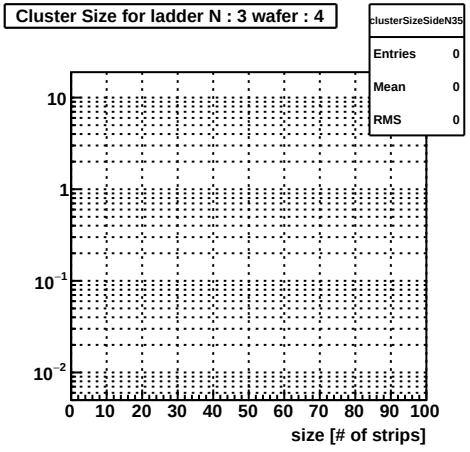

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

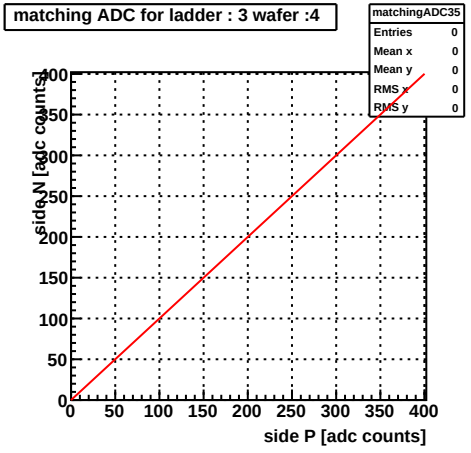

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

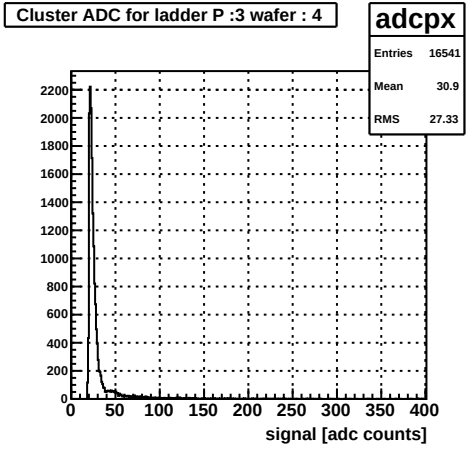

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3282
Mean 54.07
RMS 54.58
signal [adc counts]

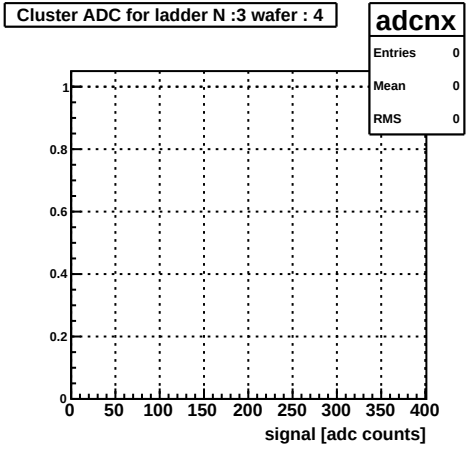

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

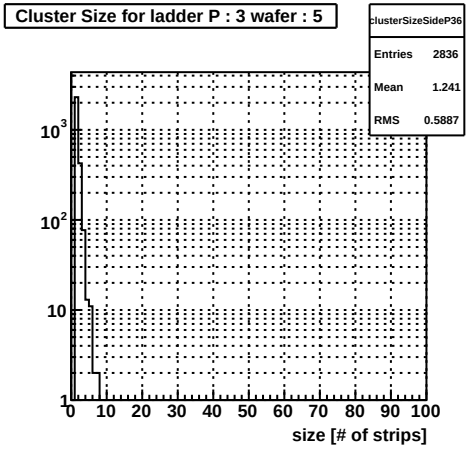

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 16541
Mean 1.064
RMS 0.2804
size [# of strips]

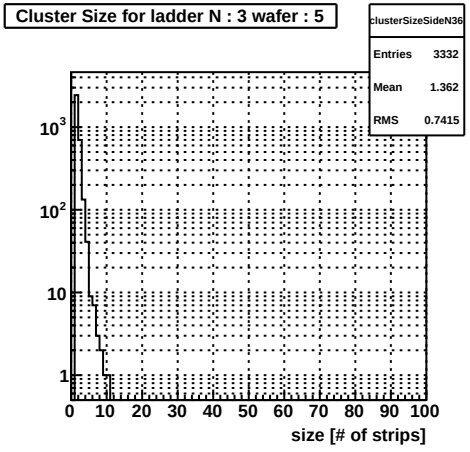

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

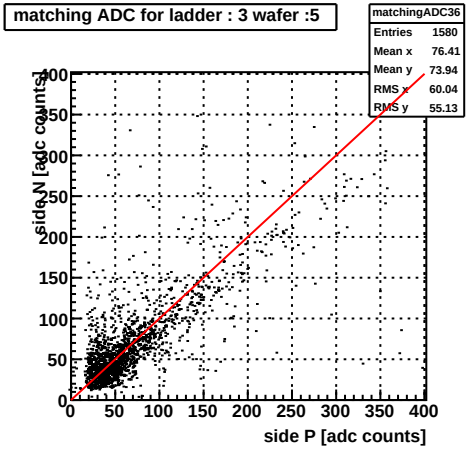

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

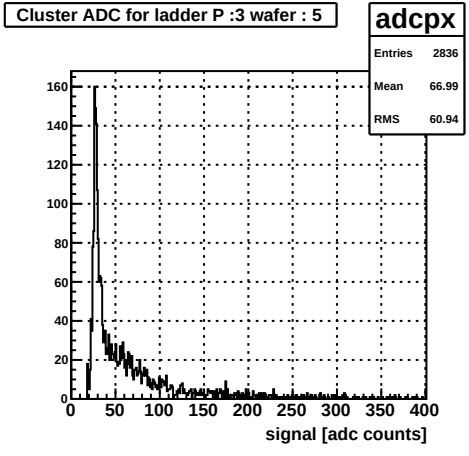

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 16541
Mean 30.9
RMS 27.33
signal [adc counts]

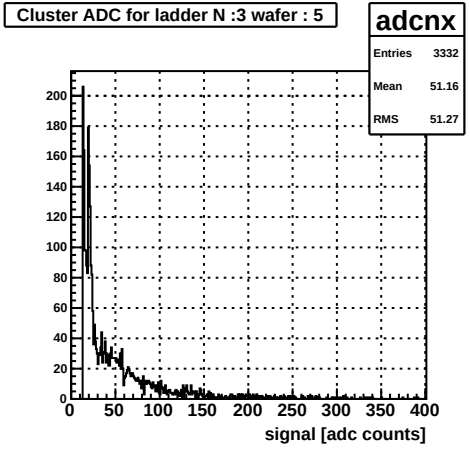

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

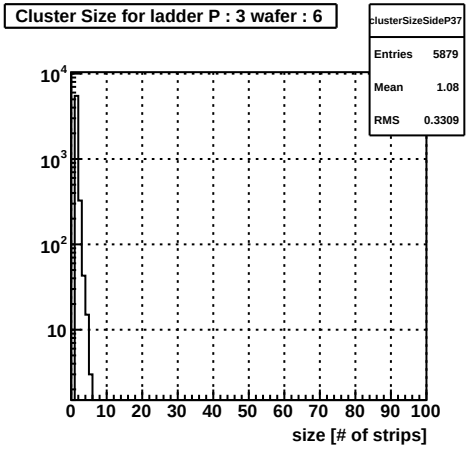

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2836
Mean 1.241
RMS 0.5887
size [# of strips]

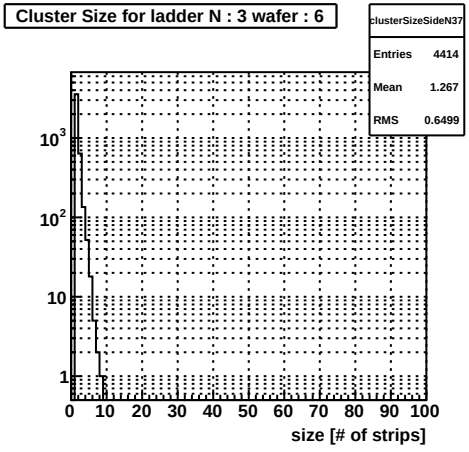

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3332
Mean 1.362
RMS 0.7415
size [# of strips]

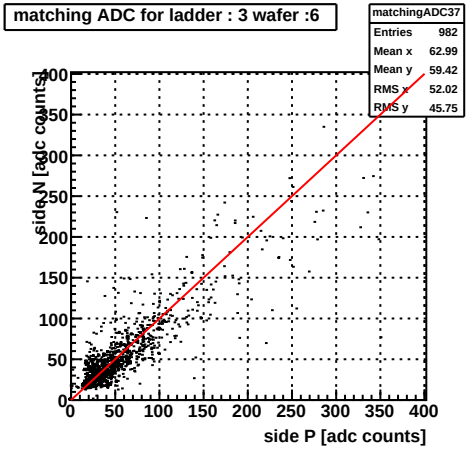

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1580
Mean x 76.41
Mean y 73.94
RMS x 60.04
RMS y 55.13
side N [adc counts]
side P [adc counts]

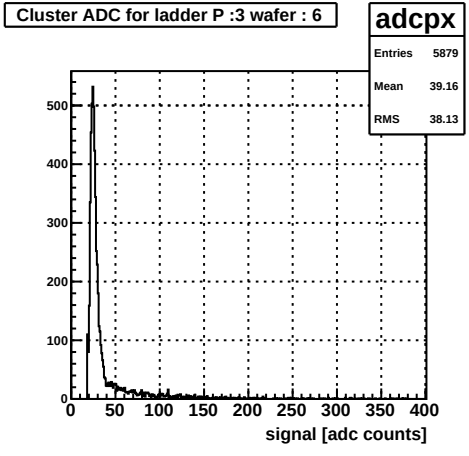

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2836
Mean 66.99
RMS 60.94
signal [adc counts]

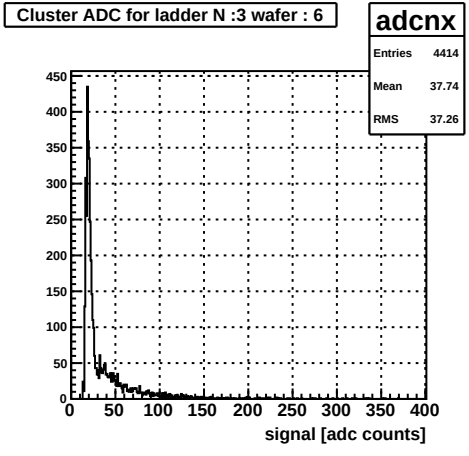

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3332
Mean 51.16
RMS 51.27
signal [adc counts]

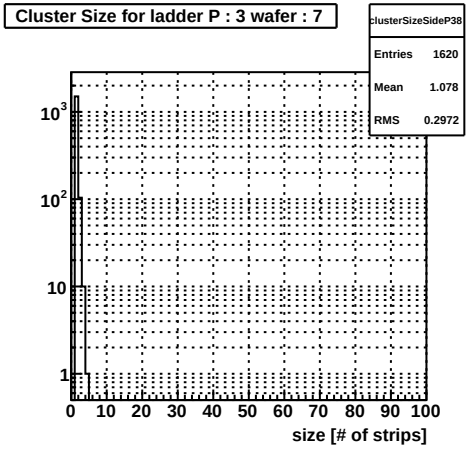

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5879
Mean 1.08
RMS 0.3309
size [# of strips]

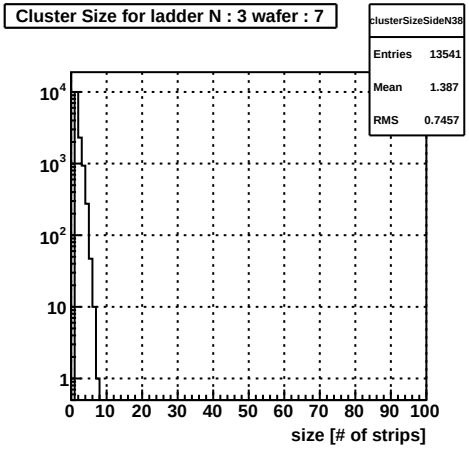

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4414
Mean 1.267
RMS 0.6499
size [# of strips]

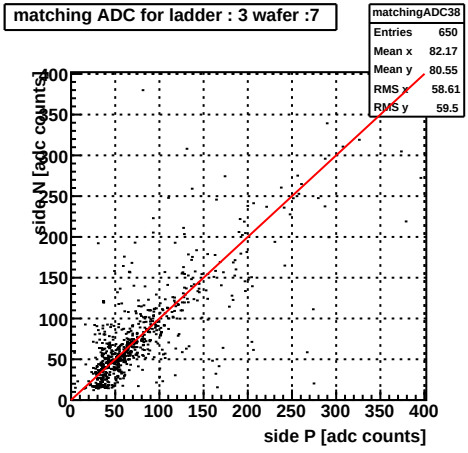

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 982
Mean x 62.99
Mean y 59.42
RMS x 52.02
RMS y 45.75
side N [adc counts]
side P [adc counts]

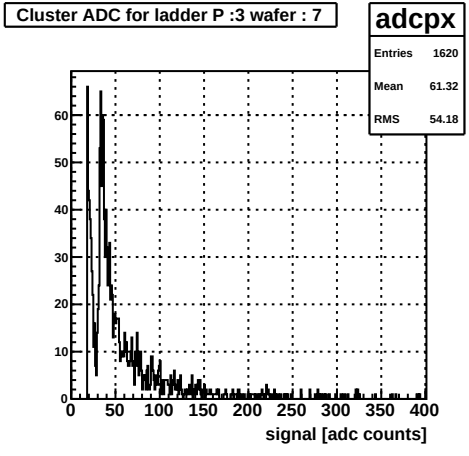

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5879
Mean 39.16
RMS 38.13
signal [adc counts]

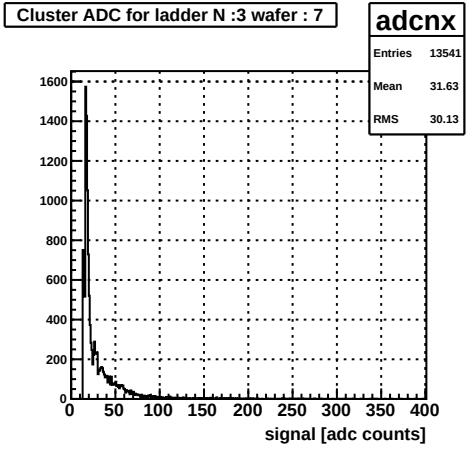

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4414
Mean 37.74
RMS 37.26
signal [adc counts]

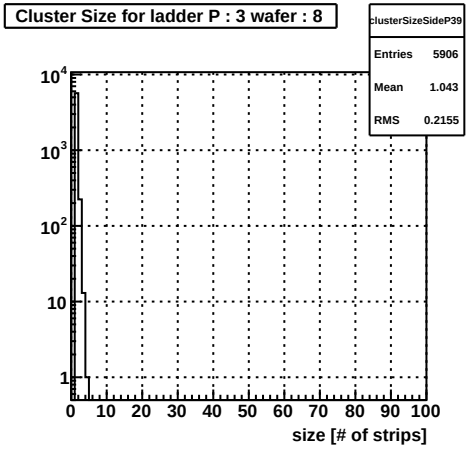

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1620
Mean 1.078
RMS 0.2972
size [# of strips]

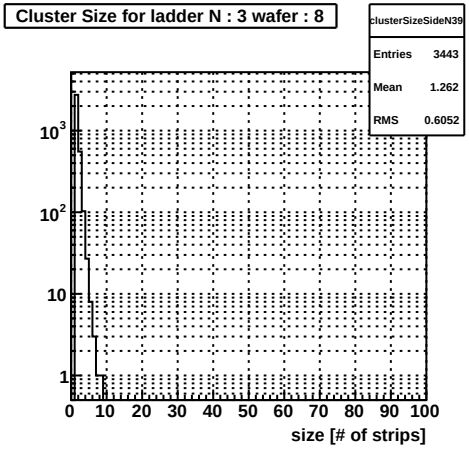

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13541
Mean 1.387
RMS 0.7457
size [# of strips]

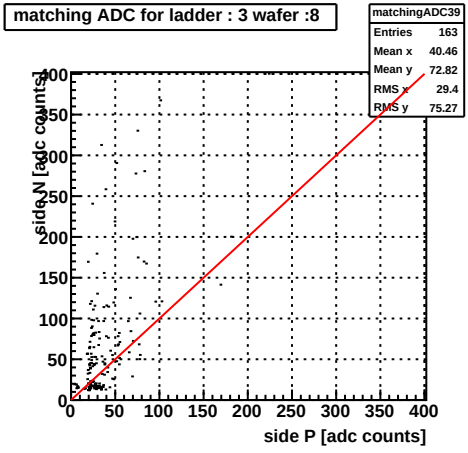

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 650
Mean x 82.17
Mean y 80.55
RMS x 58.61
RMS y 59.5
side N [adc counts]
side P [adc counts]

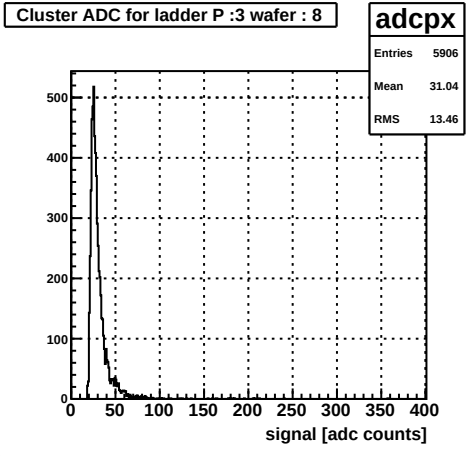

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1620
Mean 61.32
RMS 54.18
signal [adc counts]

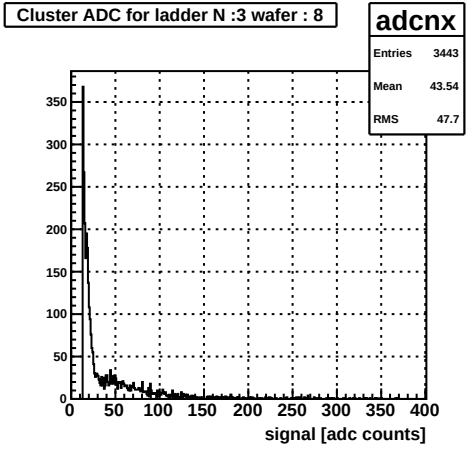

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13541
Mean 31.63
RMS 30.13
signal [adc counts]

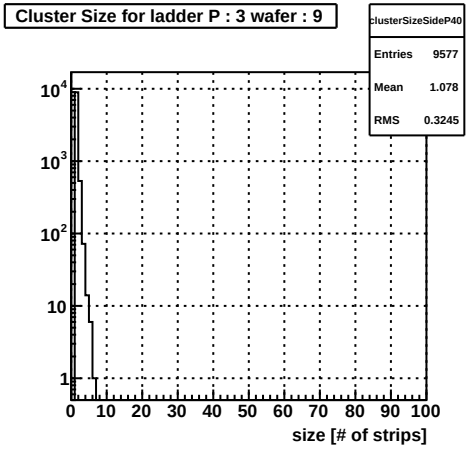

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5906
Mean 1.043
RMS 0.2155
size [# of strips]

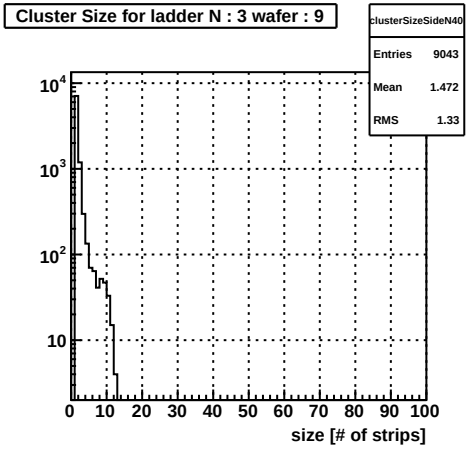

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3443
Mean 1.262
RMS 0.6052
size [# of strips]

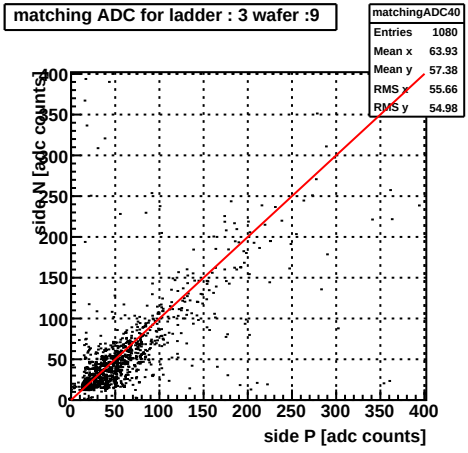

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 163
Mean x 40.46
Mean y 72.82
RMS x 29.4
RMS y 75.27
side N [adc counts]
side P [adc counts]

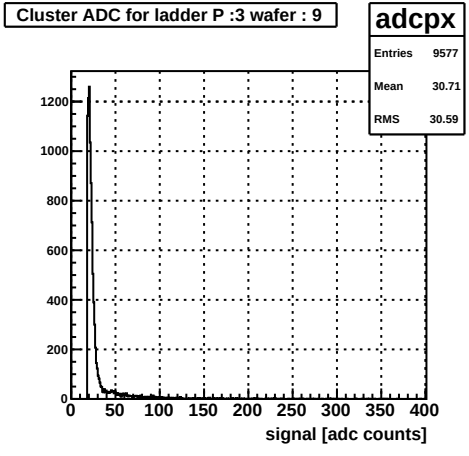

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5906
Mean 31.04
RMS 13.46
signal [adc counts]

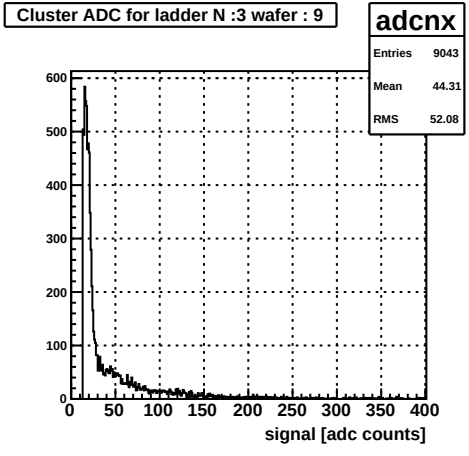

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3443
Mean 43.54
RMS 47.7
signal [adc counts]

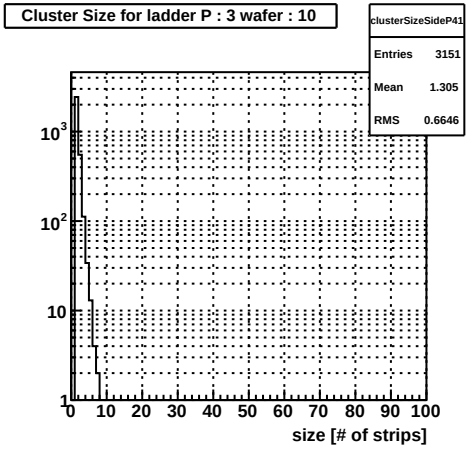

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9577
Mean 1.078
RMS 0.3245
size [# of strips]

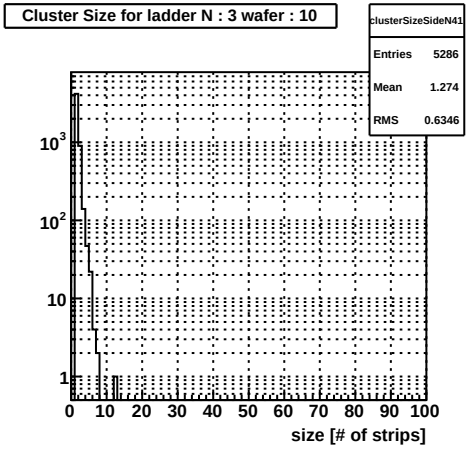

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9043
Mean 1.472
RMS 1.33
size [# of strips]

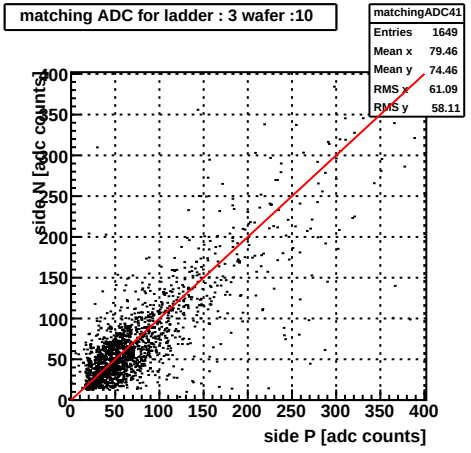

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1080
Mean x 63.93
Mean y 57.38
RMS x 55.66
RMS y 54.98
side N [adc counts]
side P [adc counts]

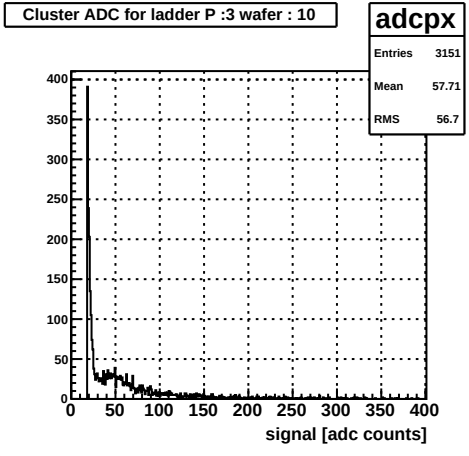

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9577
Mean 30.71
RMS 30.59
signal [adc counts]

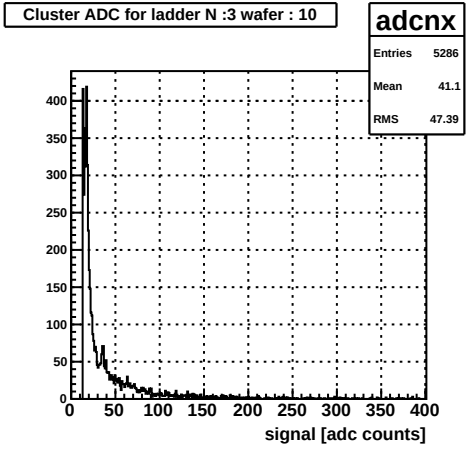

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9043
Mean 44.31
RMS 52.08
signal [adc counts]

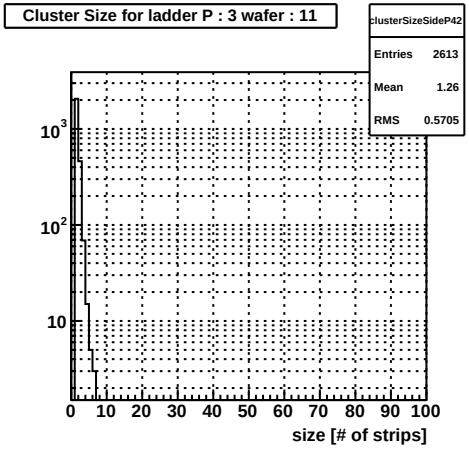

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3151
Mean 1.305
RMS 0.6646
size [# of strips]

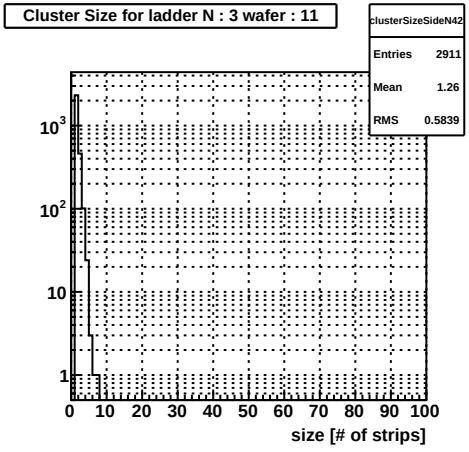

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5286
Mean 1.274
RMS 0.6346
size [# of strips]

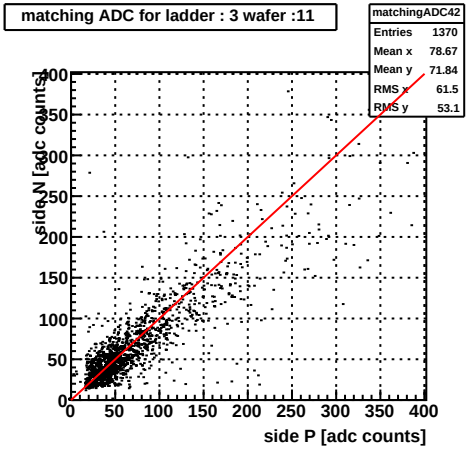

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1649
Mean x 79.46
Mean y 74.46
RMS x 61.09
RMS y 58.11
side N [adc counts]
side P [adc counts]

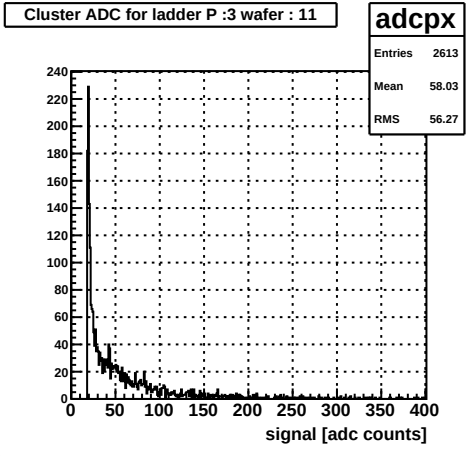

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3151
Mean 57.71
RMS 56.7
signal [adc counts]

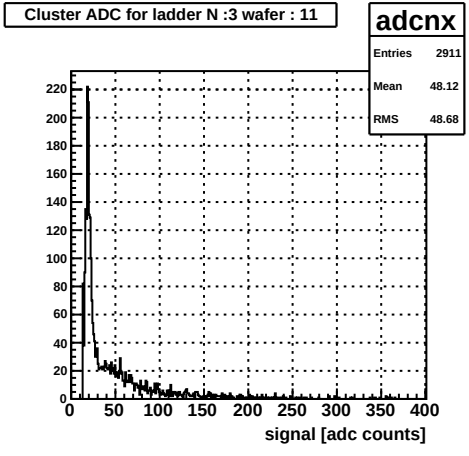

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5286
Mean 41.1
RMS 47.39
signal [adc counts]

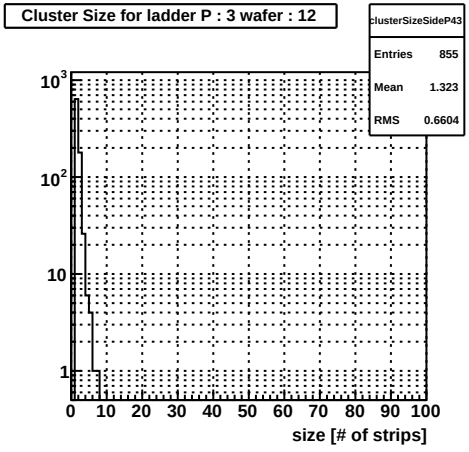

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2613
Mean 1.26
RMS 0.5705
size [# of strips]

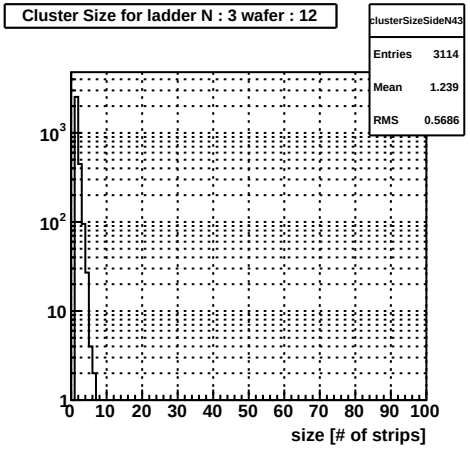

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2911
Mean 1.26
RMS 0.5839
size [# of strips]

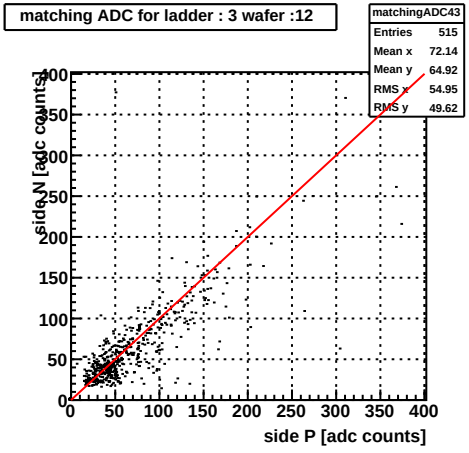

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1370
Mean x 78.67
Mean y 71.84
RMS x 61.5
RMS y 53.1
side N [adc counts]
side P [adc counts]

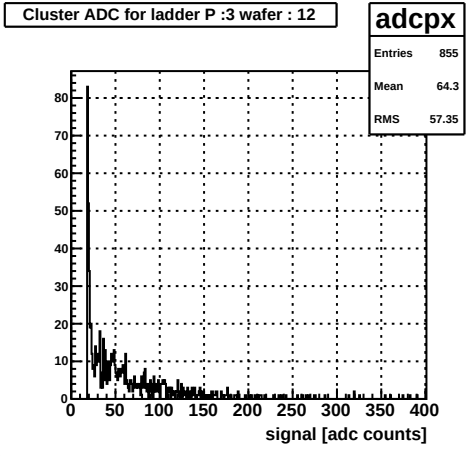

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2613
Mean 58.03
RMS 56.27
signal [adc counts]

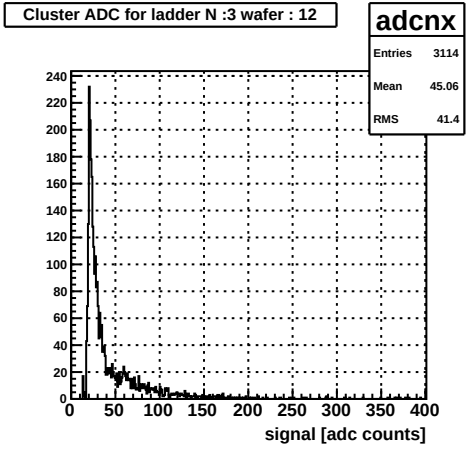

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2911
Mean 48.12
RMS 48.68
signal [adc counts]

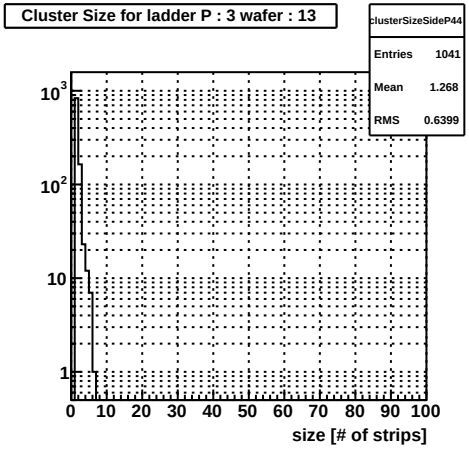

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 855
Mean 1.323
RMS 0.6604
size [# of strips]

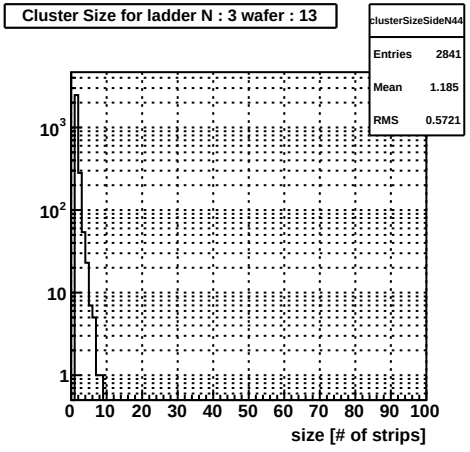

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3114
Mean 1.239
RMS 0.5686
size [# of strips]

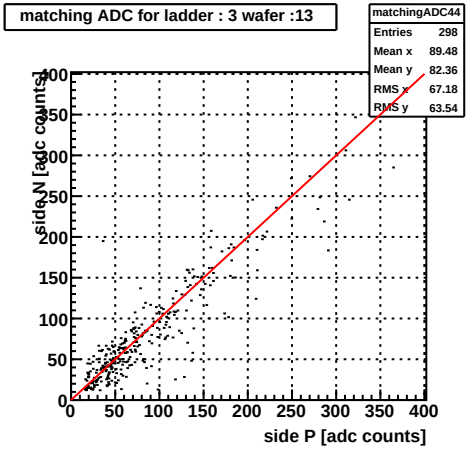

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 515
Mean x 72.14
Mean y 64.92
RMS x 54.95
RMS y 49.62
side N [adc counts]
side P [adc counts]

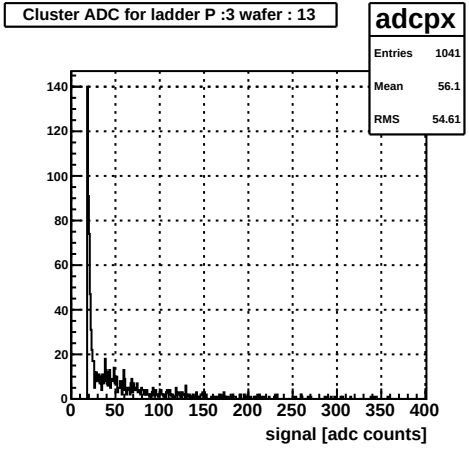

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 855
Mean 64.3
RMS 57.35
signal [adc counts]

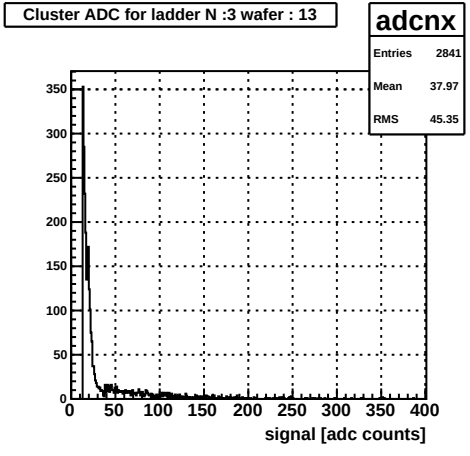

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3114
Mean 45.06
RMS 41.4
signal [adc counts]

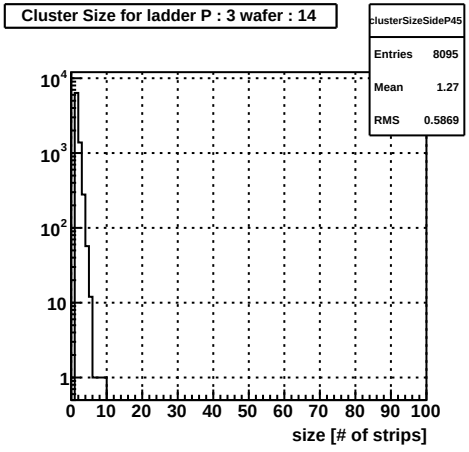

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1041
Mean 1.268
RMS 0.6399
size [# of strips]

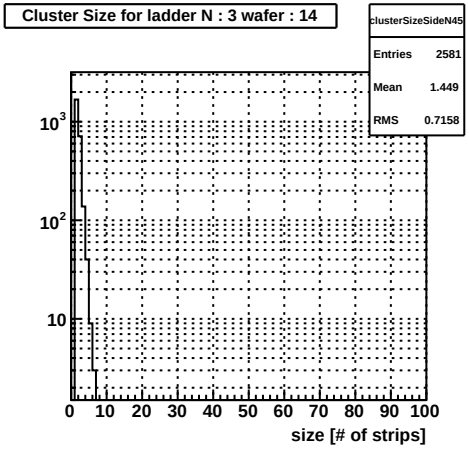

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2841
Mean 1.185
RMS 0.5721
size [# of strips]

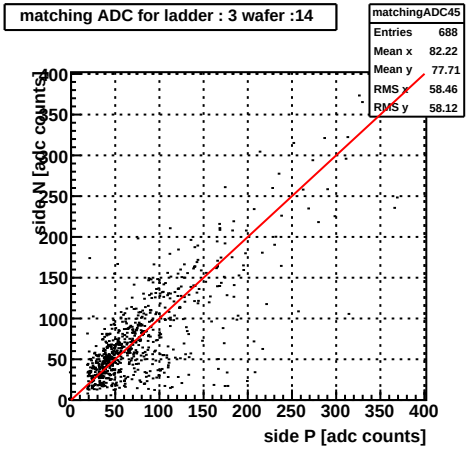

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 298
Mean x 89.48
Mean y 82.36
RMS x 67.18
RMS y 63.54
side N [adc counts]
side P [adc counts]

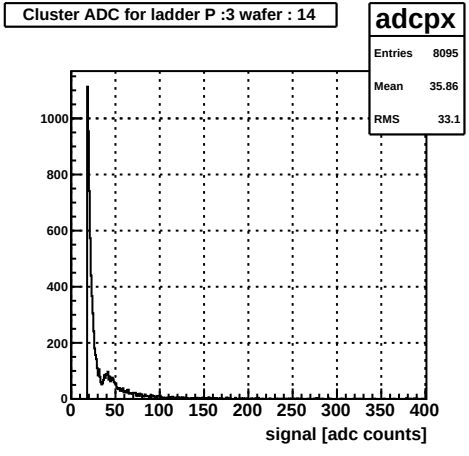

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1041
Mean 56.1
RMS 54.61
signal [adc counts]

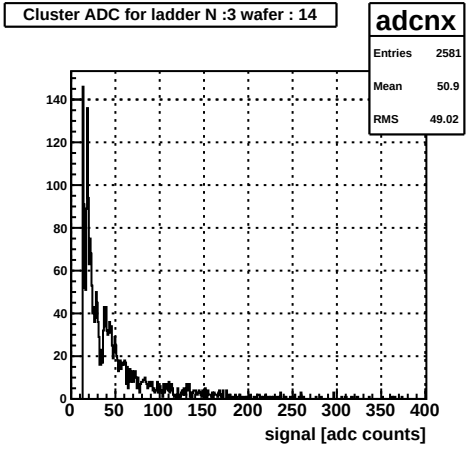

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2841
Mean 37.97
RMS 45.35
signal [adc counts]

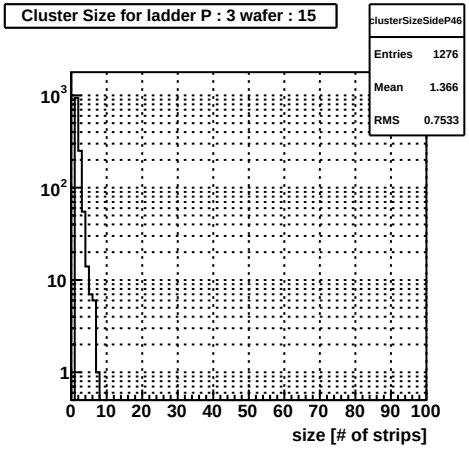

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8095
Mean 1.27
RMS 0.5869
size [# of strips]

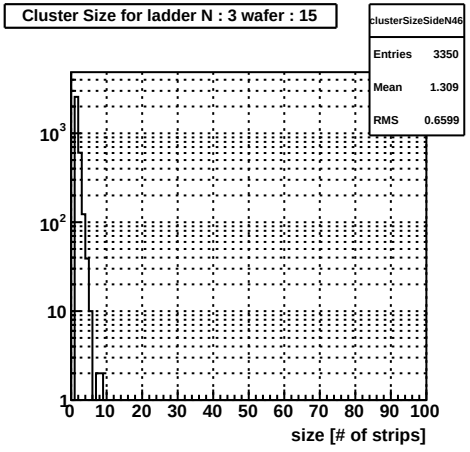

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2581
Mean 1.449
RMS 0.7158
size [# of strips]

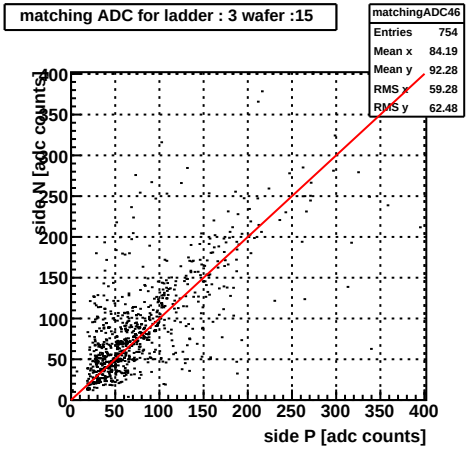

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 688
Mean x 82.22
Mean y 77.71
RMS x 58.46
RMS y 58.12
side N [adc counts]
side P [adc counts]

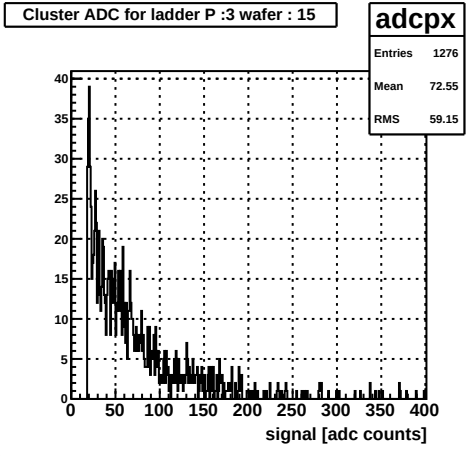

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8095
Mean 35.86
RMS 33.1
signal [adc counts]

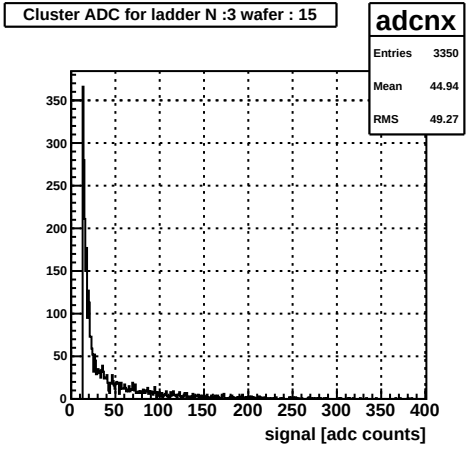

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2581
Mean 50.9
RMS 49.02
signal [adc counts]

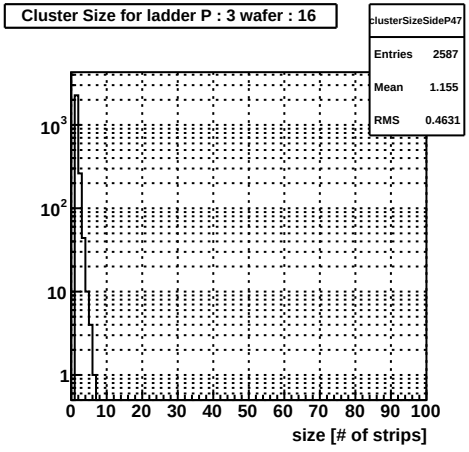

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1276
Mean 1.366
RMS 0.7533
size [# of strips]

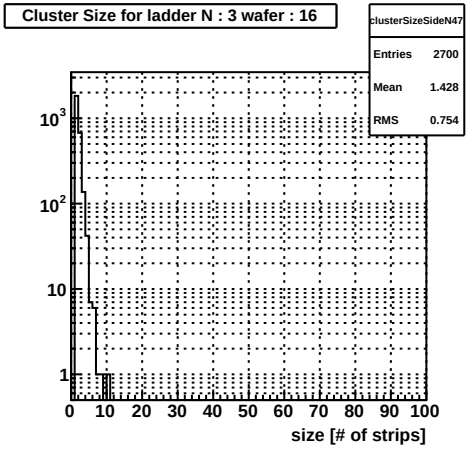

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3350
Mean 1.309
RMS 0.6599
size [# of strips]

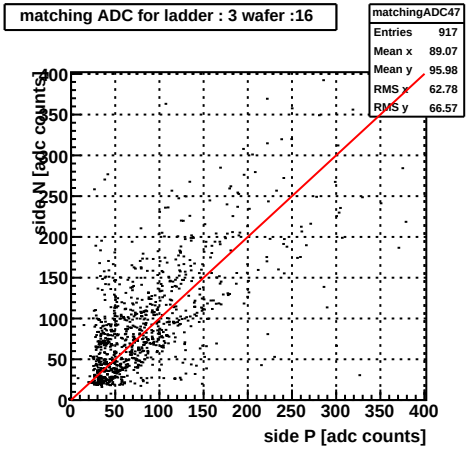

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 754
Mean x 84.19
Mean y 92.28
RMS x 59.28
RMS y 62.48
side N [adc counts]
side P [adc counts]

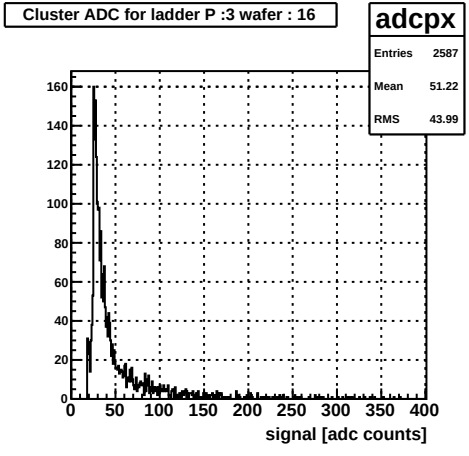

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1276
Mean 72.55
RMS 59.15
signal [adc counts]

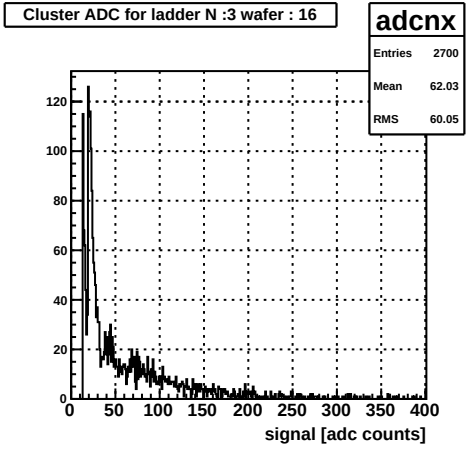

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3350
Mean 44.94
RMS 49.27
signal [adc counts]

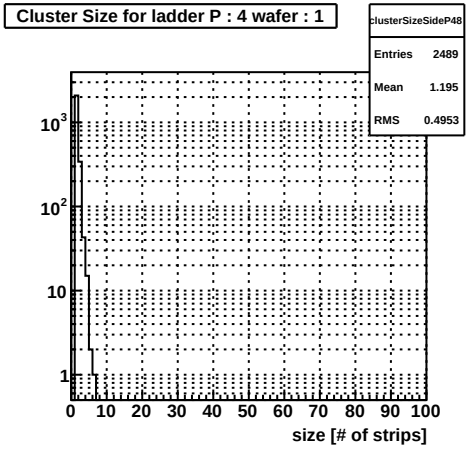

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2587
Mean 1.155
RMS 0.4631
size [# of strips]

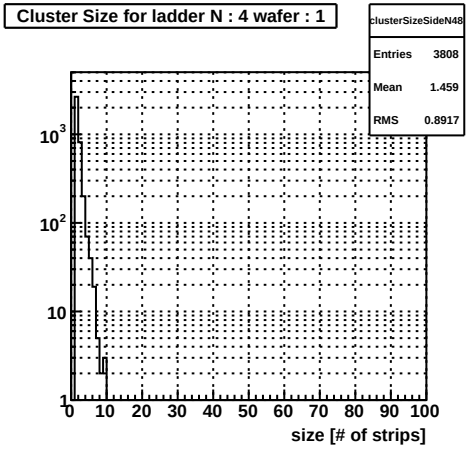

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2700
Mean 1.428
RMS 0.754
size [# of strips]

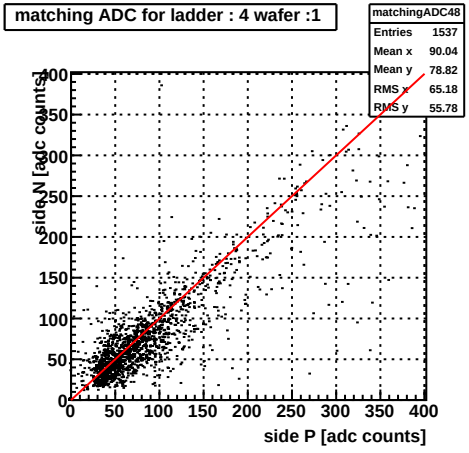

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 917
Mean x 89.07
Mean y 95.98
RMS x 62.78
RMS y 66.57
side N [adc counts]
side P [adc counts]

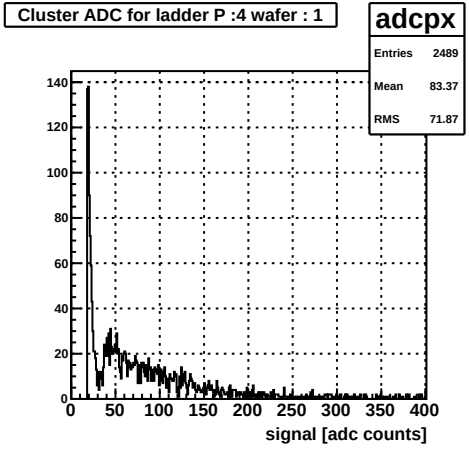

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2587
Mean 51.22
RMS 43.99
signal [adc counts]

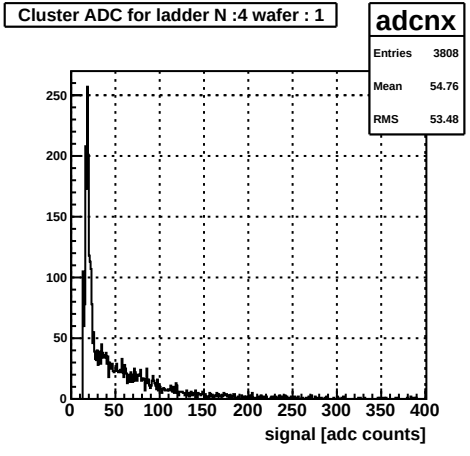

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2700
Mean 62.03
RMS 60.05
signal [adc counts]

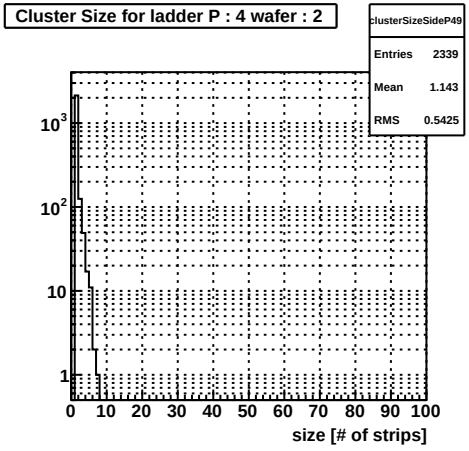

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2489
Mean 1.195
RMS 0.4953
size [# of strips]

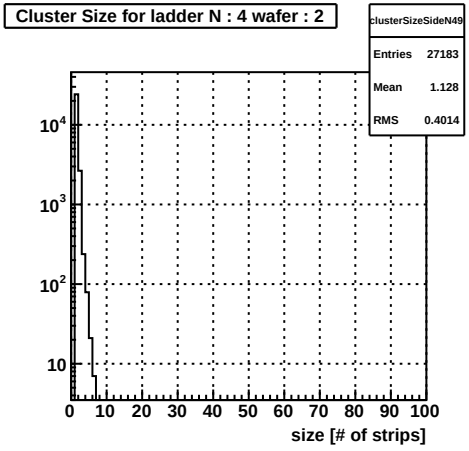

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3808
Mean 1.459
RMS 0.8917
size [# of strips]

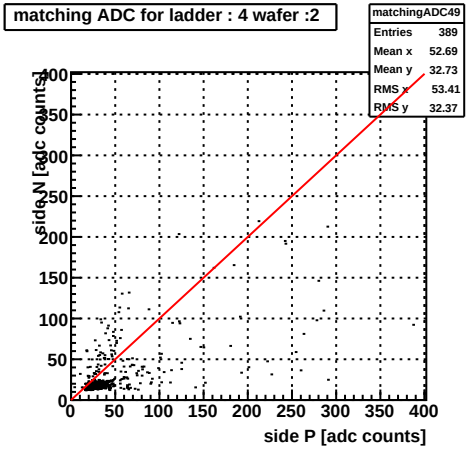

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1537
Mean x 90.04
Mean y 78.82
RMS x 65.18
RMS y 55.78
side N [adc counts]
side P [adc counts]

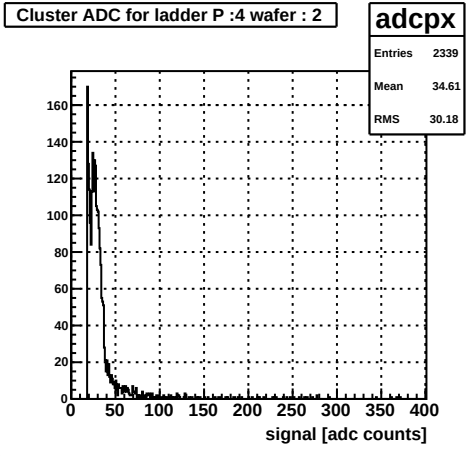

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2489
Mean 83.37
RMS 71.87
signal [adc counts]

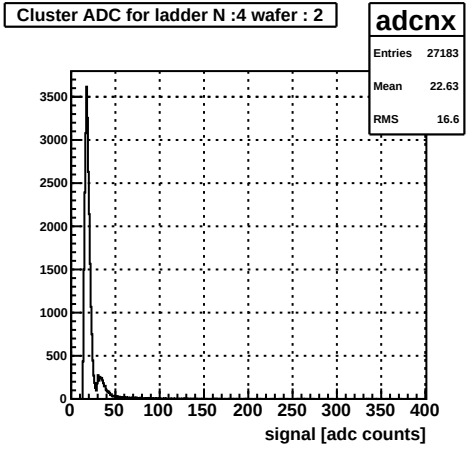

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3808
Mean 54.76
RMS 53.48
signal [adc counts]

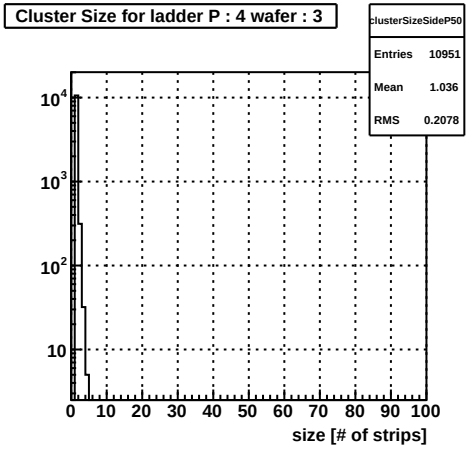

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2339
Mean 1.143
RMS 0.5425
size [# of strips]

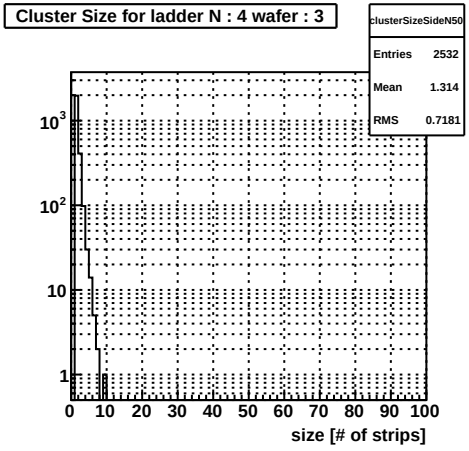

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 27183
Mean 1.128
RMS 0.4014
size [# of strips]

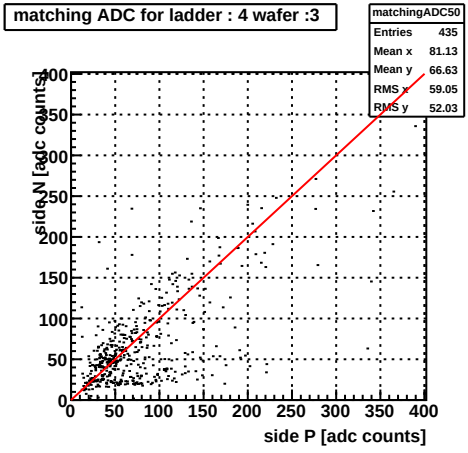

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 389
Mean x 52.69
Mean y 32.73
RMS x 53.41
RMS y 32.37
side N [adc counts]
side P [adc counts]

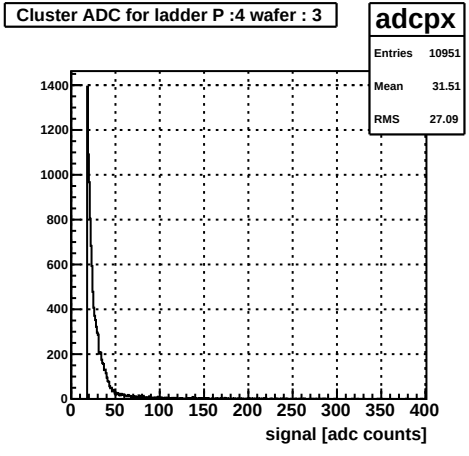

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2339
Mean 34.61
RMS 30.18
signal [adc counts]

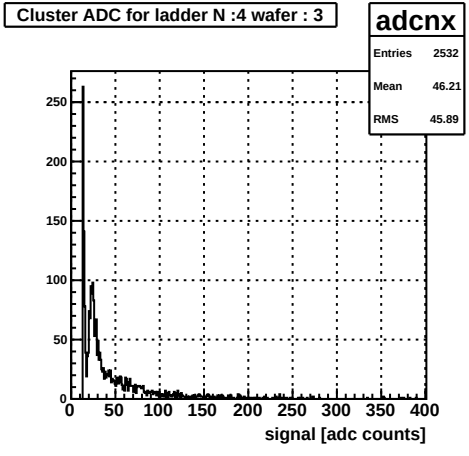

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 27183
Mean 22.63
RMS 16.6
signal [adc counts]

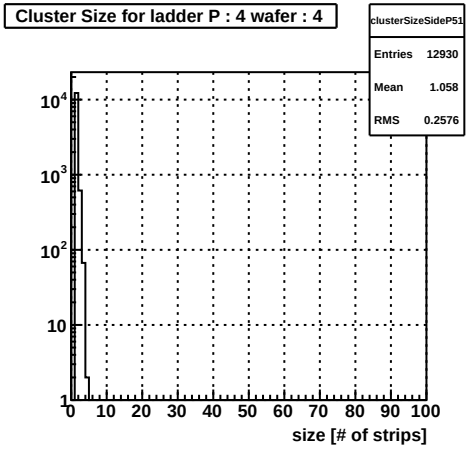

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10951
Mean 1.036
RMS 0.2078
size [# of strips]

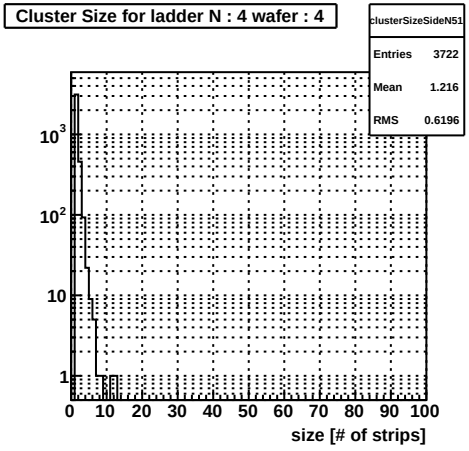

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2532
Mean 1.314
RMS 0.7181
size [# of strips]

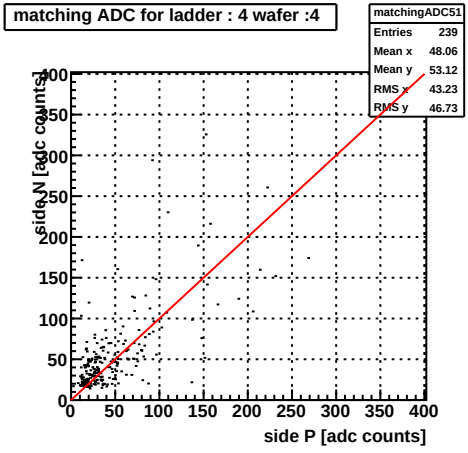

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 435
Mean x 81.13
Mean y 66.63
RMS x 59.05
RMS y 52.03
side N [adc counts]
side P [adc counts]

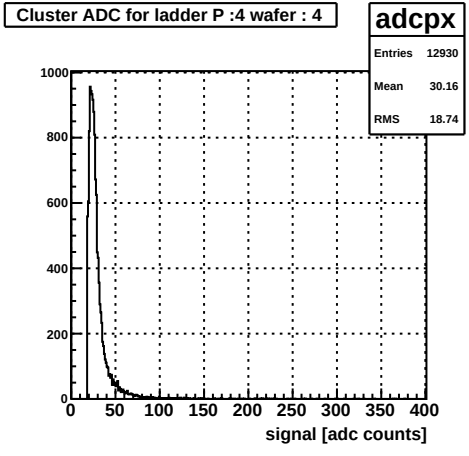

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10951
Mean 31.51
RMS 27.09
signal [adc counts]

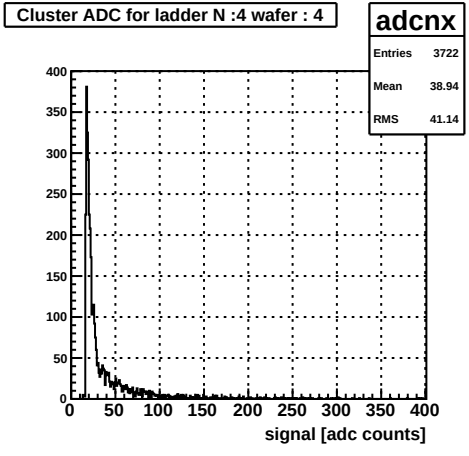

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2532
Mean 46.21
RMS 45.89
signal [adc counts]

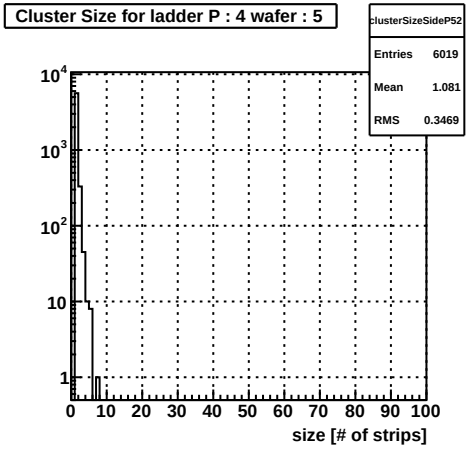

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 12930
Mean 1.058
RMS 0.2576
size [# of strips]

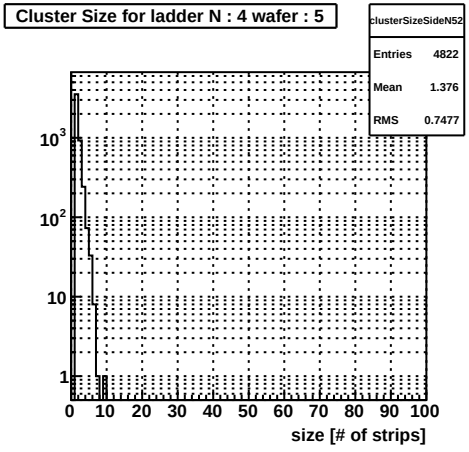

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3722
Mean 1.216
RMS 0.6196
size [# of strips]

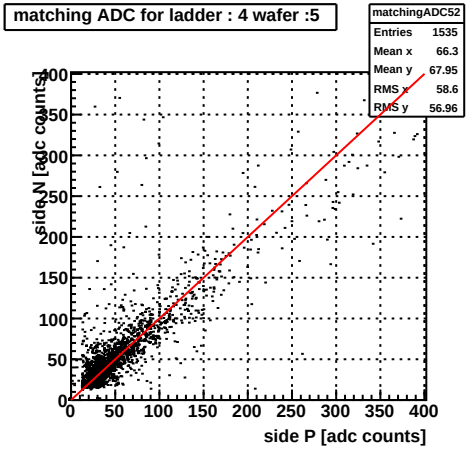

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 239
Mean x 48.06
Mean y 53.12
RMS x 43.23
RMS y 46.73
side N [adc counts]
side P [adc counts]

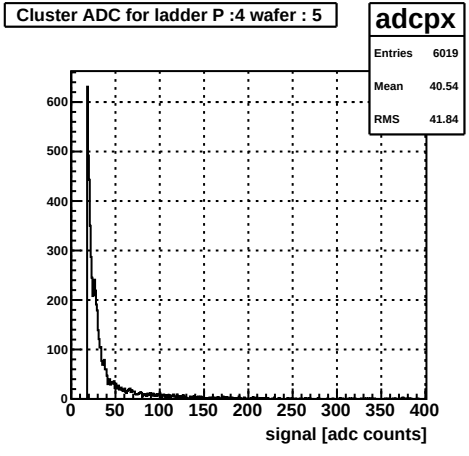

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 12930
Mean 30.16
RMS 18.74
signal [adc counts]

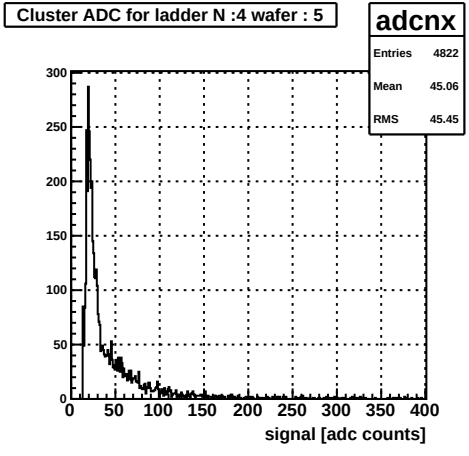

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3722
Mean 38.94
RMS 41.14
signal [adc counts]

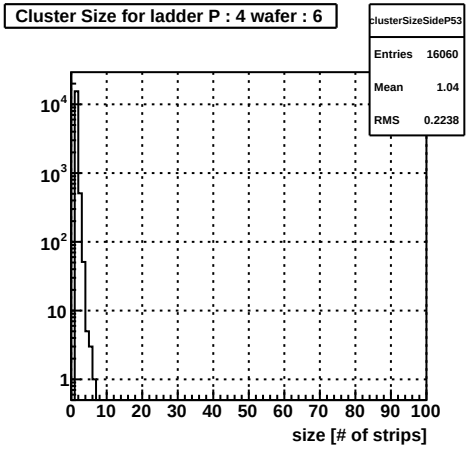

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6019
Mean 1.081
RMS 0.3469
size [# of strips]

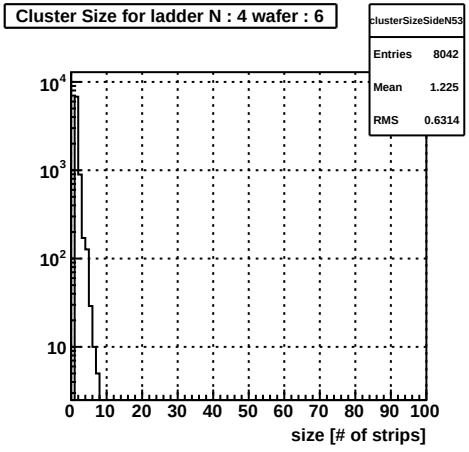

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4822
Mean 1.376
RMS 0.7477
size [# of strips]

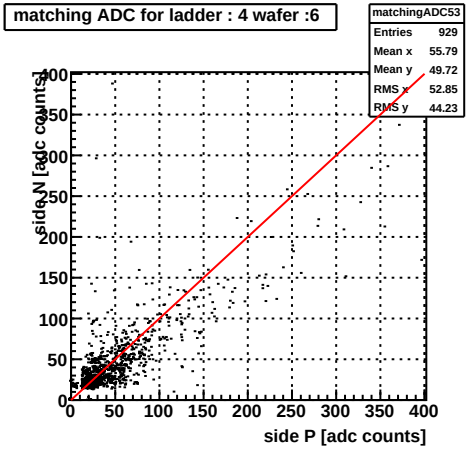

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1535
Mean x 66.3
Mean y 67.95
RMS x 58.6
RMS y 56.96
side N [adc counts]
side P [adc counts]

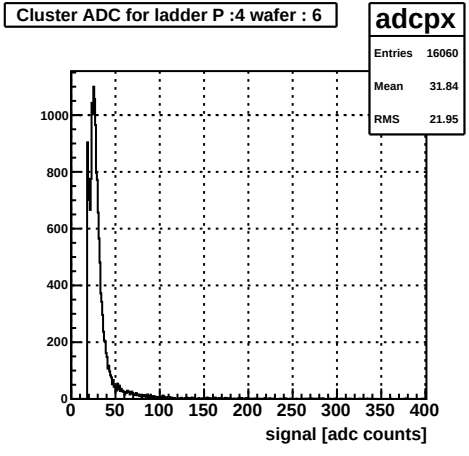

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6019
Mean 40.54
RMS 41.84
signal [adc counts]

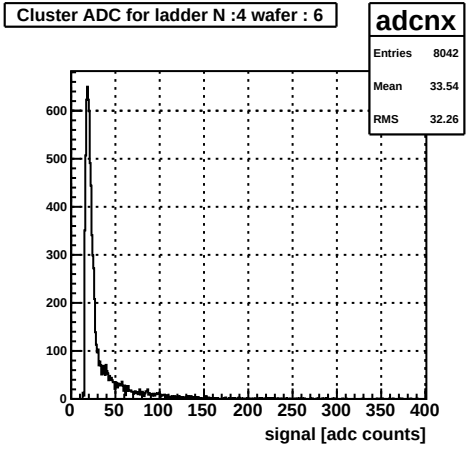

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4822
Mean 45.06
RMS 45.45
signal [adc counts]

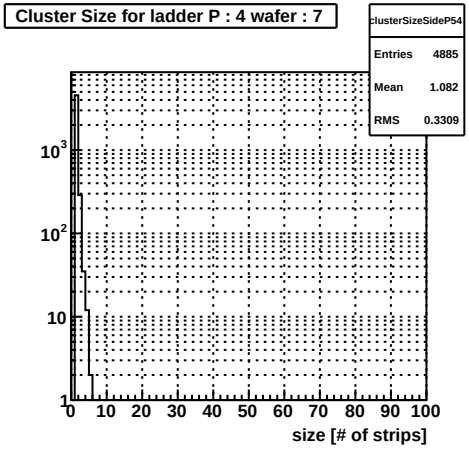

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16060
Mean 1.04
RMS 0.2238
size [# of strips]

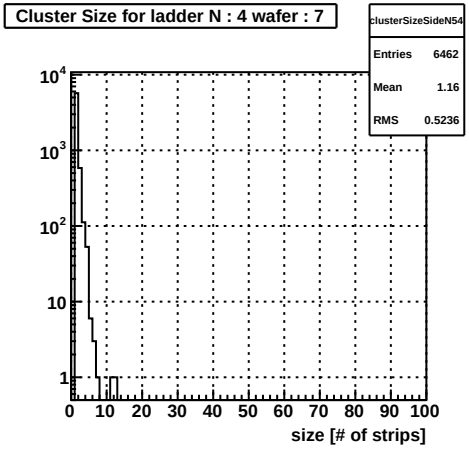

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8042
Mean 1.225
RMS 0.6314
size [# of strips]

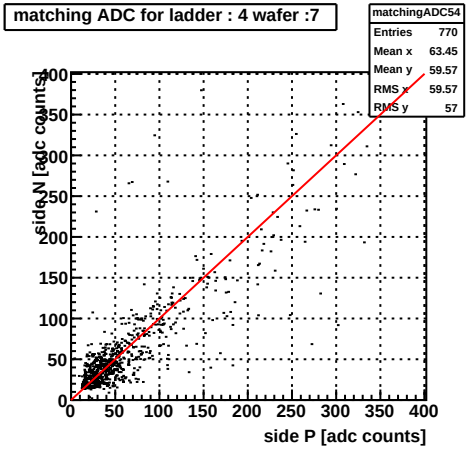

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 929
Mean x 55.79
Mean y 49.72
RMS x 52.85
RMS y 44.23
side N [adc counts]
side P [adc counts]

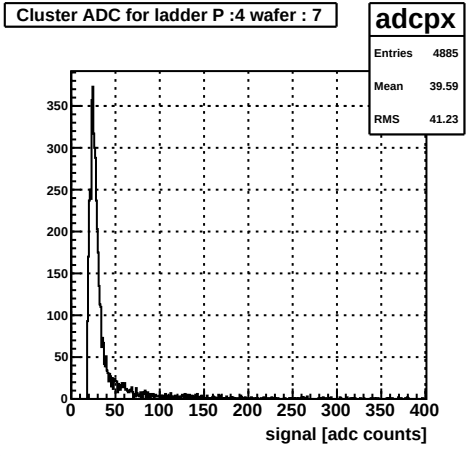

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16060
Mean 31.84
RMS 21.95
signal [adc counts]

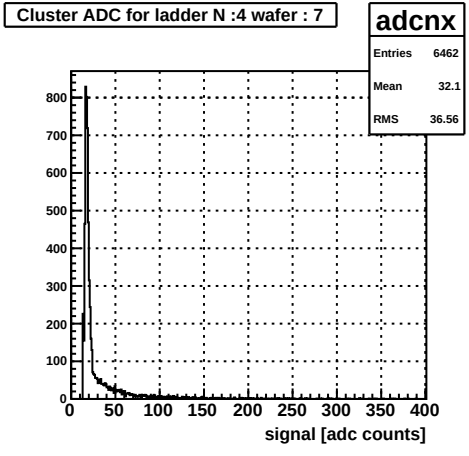

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8042
Mean 33.54
RMS 32.26
signal [adc counts]

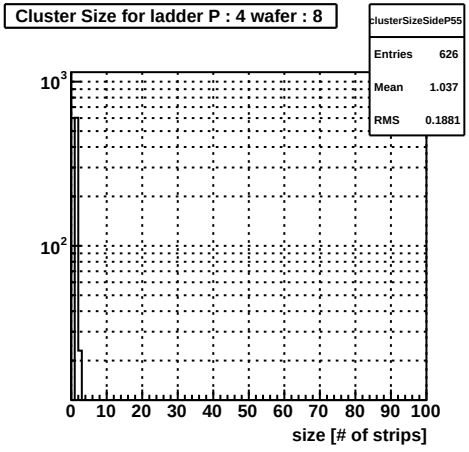

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4885
Mean 1.082
RMS 0.3309
size [# of strips]

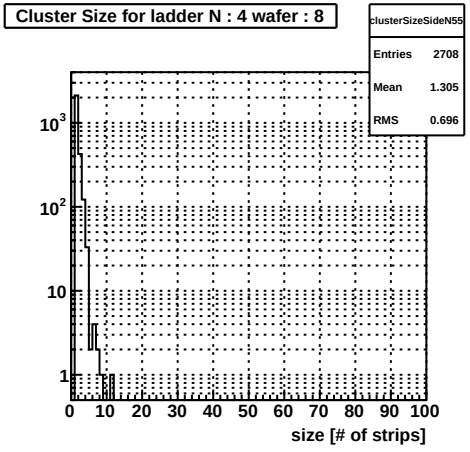

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 6462
Mean 1.16
RMS 0.5236
size [# of strips]

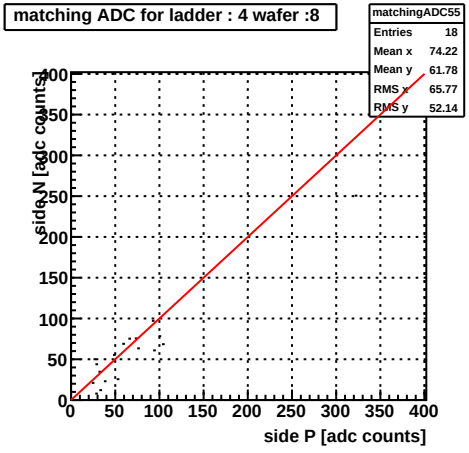

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 770
Mean x 63.45
Mean y 59.57
RMS x 59.57
RMS y 57
side N [adc counts]
side P [adc counts]

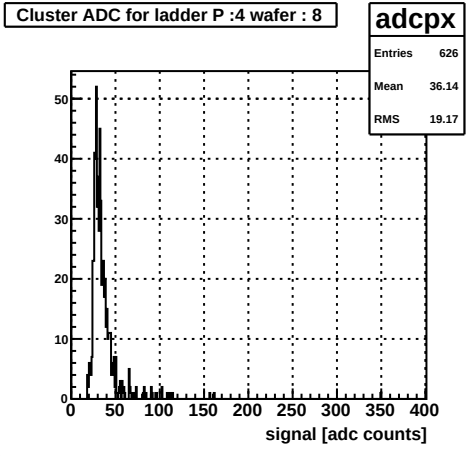

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4885
Mean 39.59
RMS 41.23
signal [adc counts]

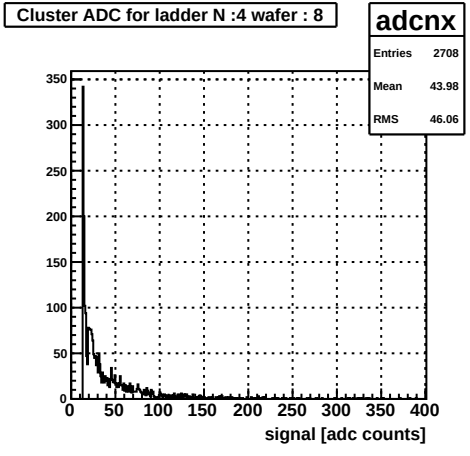

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 6462
Mean 32.1
RMS 36.56
signal [adc counts]

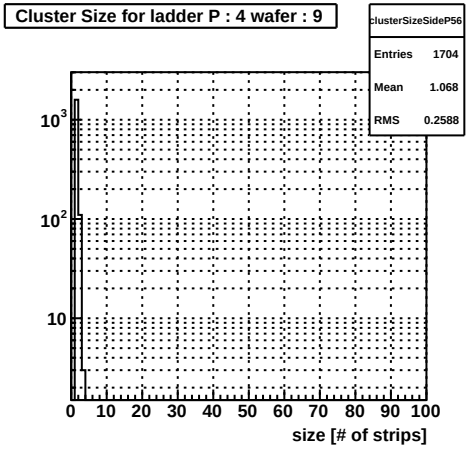

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 626
Mean 1.037
RMS 0.1881
size [# of strips]

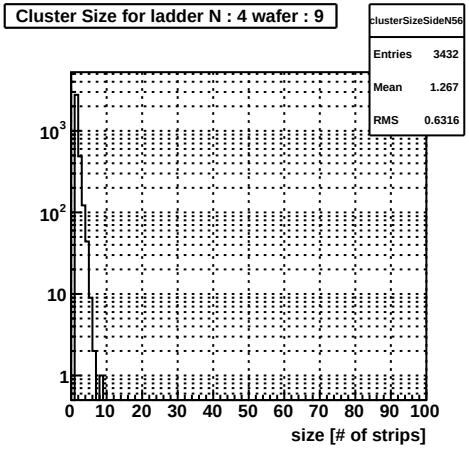

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2708
Mean 1.305
RMS 0.696
size [# of strips]

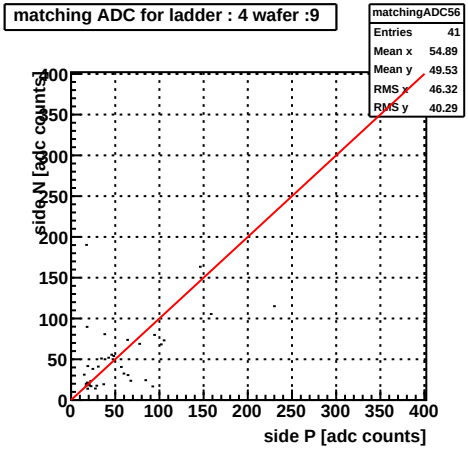

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 18
Mean x 74.22
Mean y 61.78
RMS x 65.77
RMS y 52.14
side N [adc counts]
side P [adc counts]

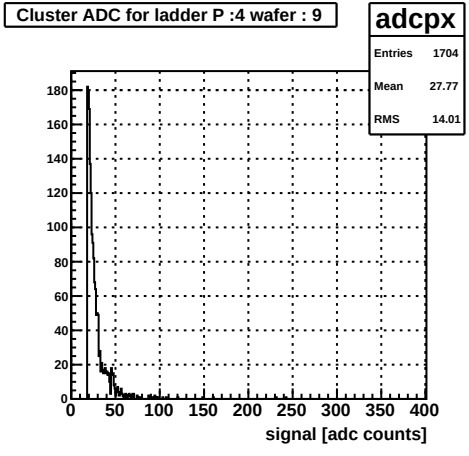

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 626
Mean 36.14
RMS 19.17
signal [adc counts]

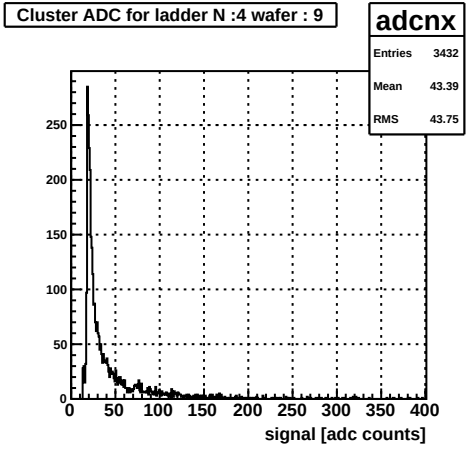

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2708
Mean 43.98
RMS 46.06
signal [adc counts]

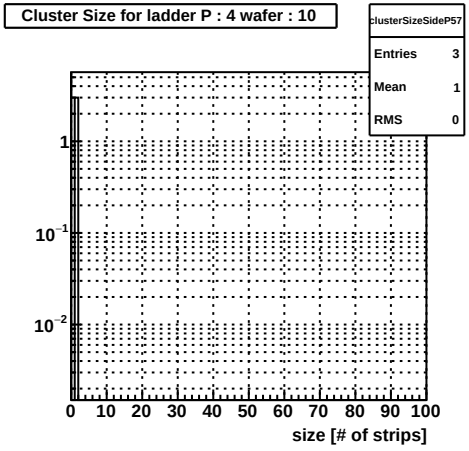

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1704
Mean 1.068
RMS 0.2588
size [# of strips]

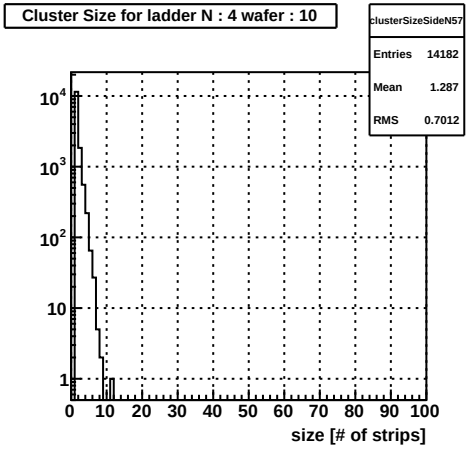

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3432
Mean 1.267
RMS 0.6316
size [# of strips]

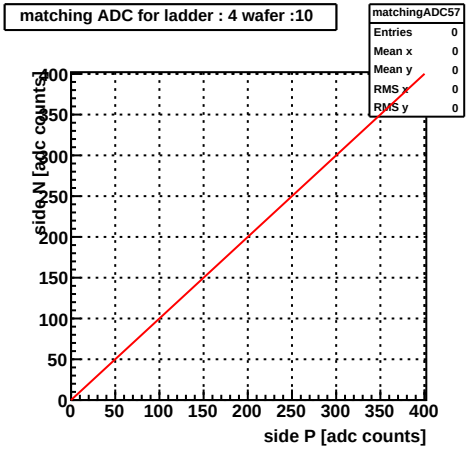

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 41
Mean x 54.89
Mean y 49.53
RMS x 46.32
RMS y 40.29
side N [adc counts]
side P [adc counts]

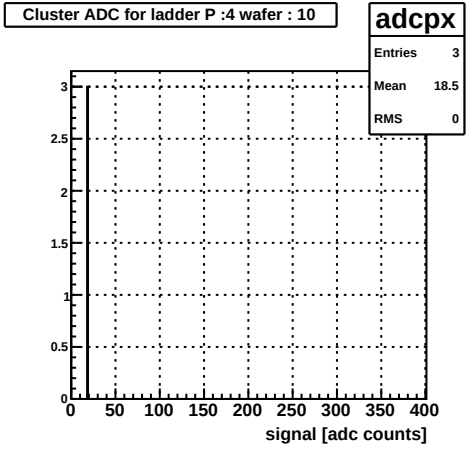

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1704
Mean 27.77
RMS 14.01
signal [adc counts]

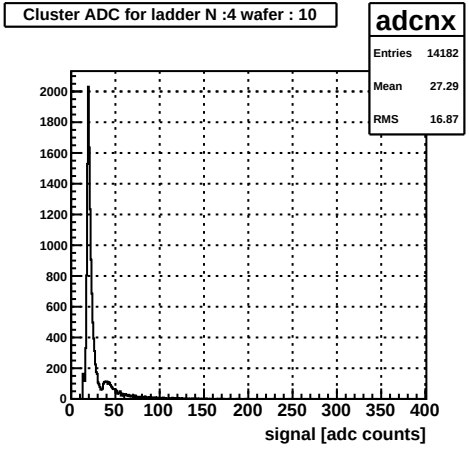

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3432
Mean 43.39
RMS 43.75
signal [adc counts]

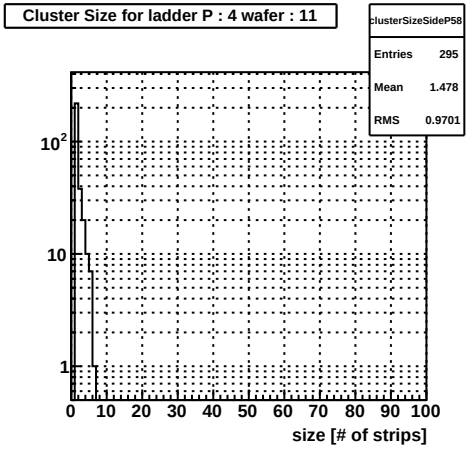

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 3
Mean 1
RMS 0
size [# of strips]

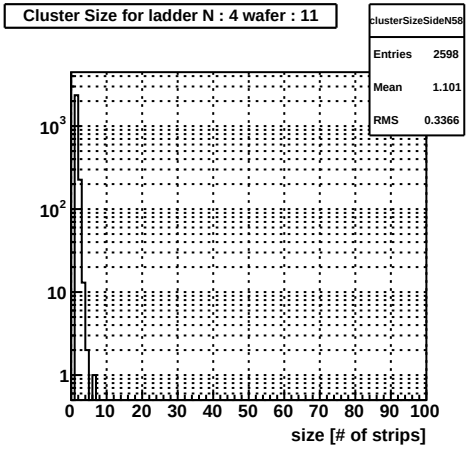

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14182
Mean 1.287
RMS 0.7012
size [# of strips]

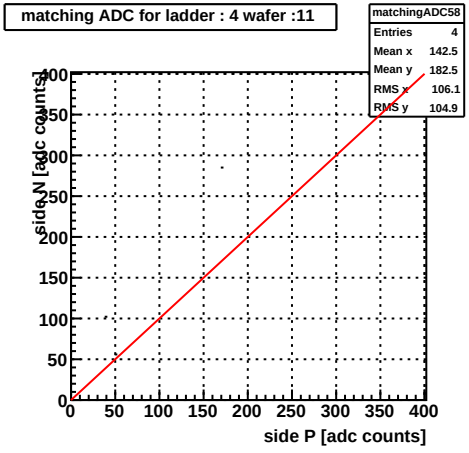

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

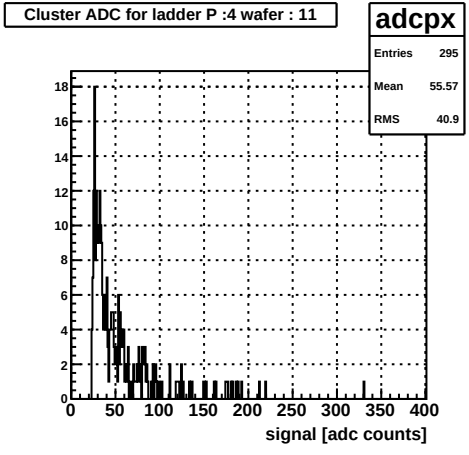

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 3
Mean 18.5
RMS 0
signal [adc counts]

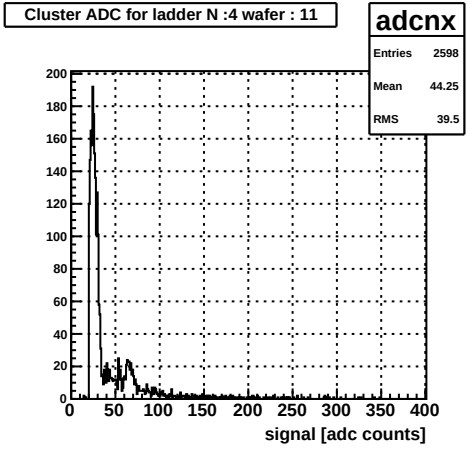

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14182
Mean 27.29
RMS 16.87
signal [adc counts]

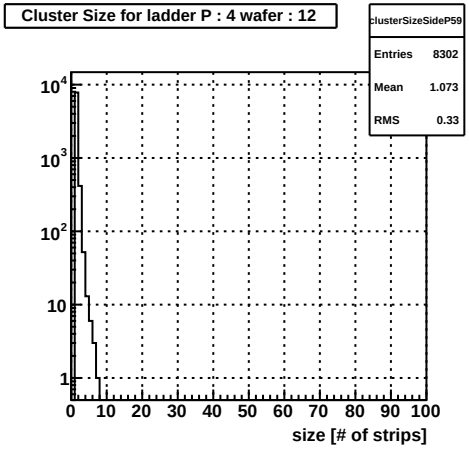

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 295
Mean 1.478
RMS 0.9701
size [# of strips]

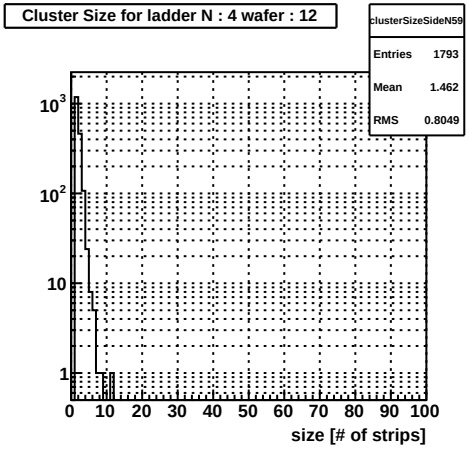

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2598
Mean 1.101
RMS 0.3366
size [# of strips]

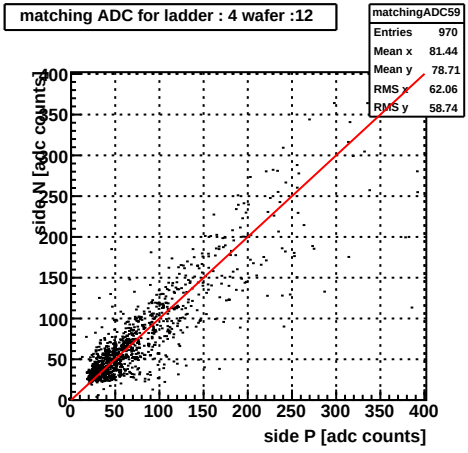

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 4
Mean x 142.5
Mean y 182.5
RMS x 106.1
RMS y 104.9
side N [adc counts]
side P [adc counts]

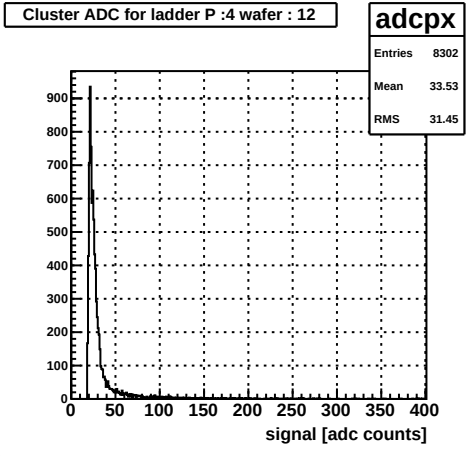

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 295
Mean 55.57
RMS 40.9
signal [adc counts]

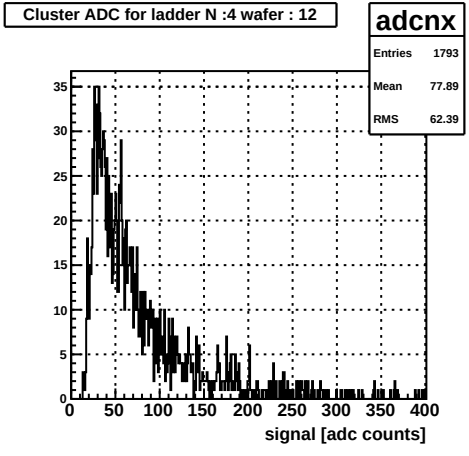

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2598
Mean 44.25
RMS 39.5
signal [adc counts]

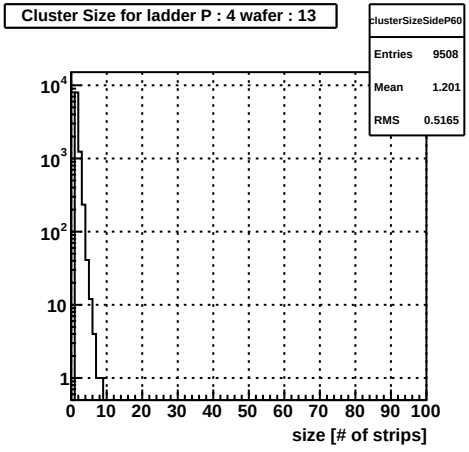

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8302
Mean 1.073
RMS 0.33
size [# of strips]

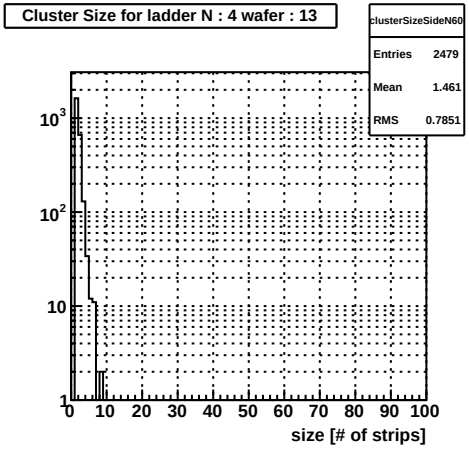

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1793
Mean 1.462
RMS 0.8049
size [# of strips]

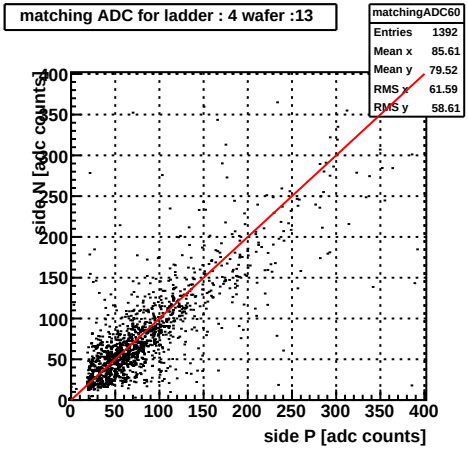

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 970
Mean x 81.44
Mean y 78.71
RMS x 62.06
RMS y 58.74
side N [adc counts]
side P [adc counts]

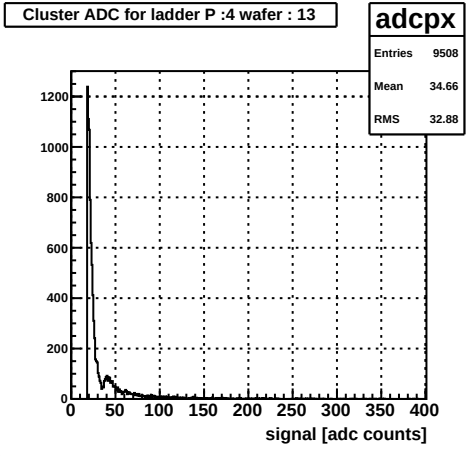

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8302
Mean 33.53
RMS 31.45
signal [adc counts]

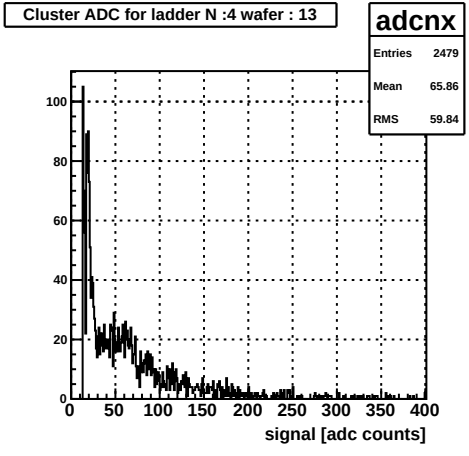

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1793
Mean 77.89
RMS 62.39
signal [adc counts]

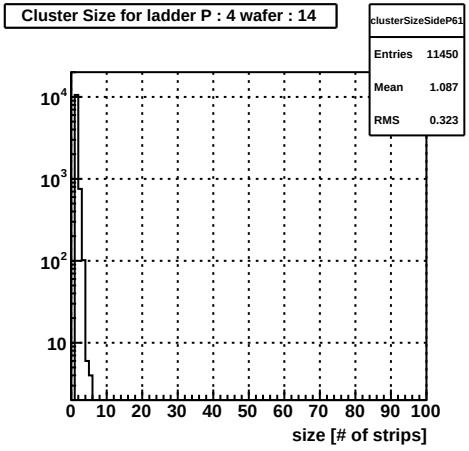

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9508
Mean 1.201
RMS 0.5165
size [# of strips]

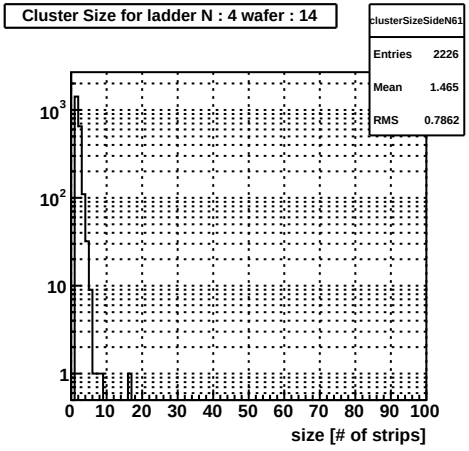

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2479
Mean 1.461
RMS 0.7851
size [# of strips]

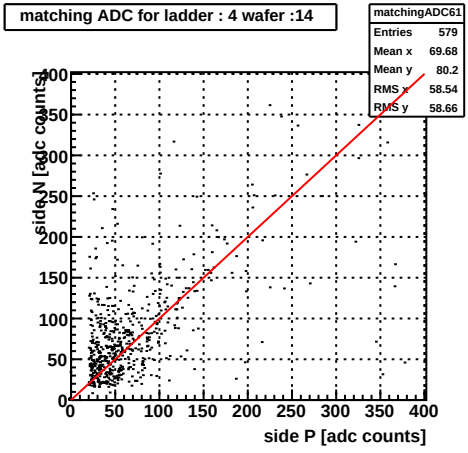

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1392
Mean x 85.61
Mean y 79.52
RMS x 61.59
RMS y 58.61
side N [adc counts]
side P [adc counts]

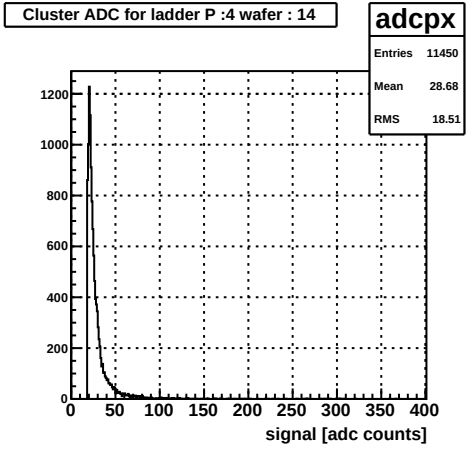

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9508
Mean 34.66
RMS 32.88
signal [adc counts]

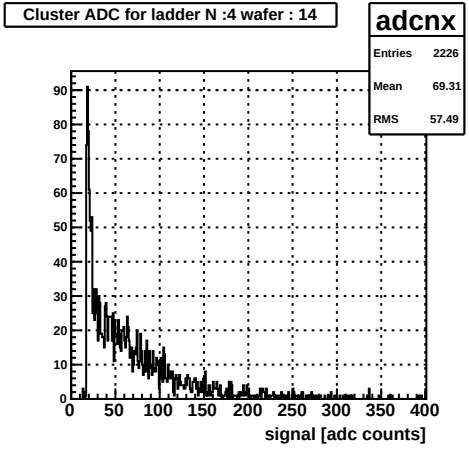

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2479
Mean 65.86
RMS 59.84
signal [adc counts]

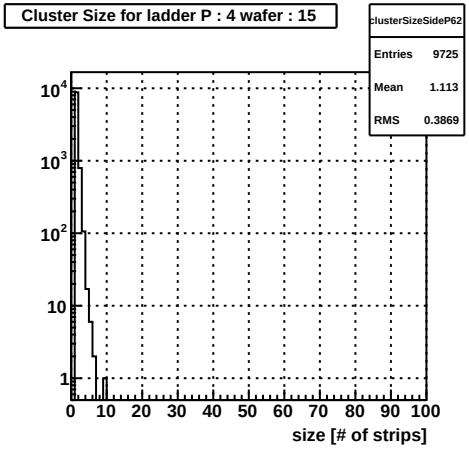

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11450
Mean 1.087
RMS 0.323
size [# of strips]

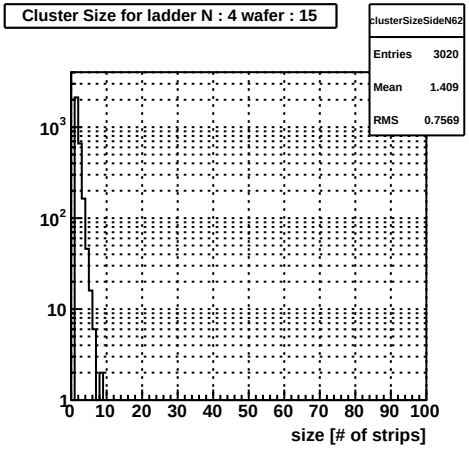

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2226
Mean 1.465
RMS 0.7862
size [# of strips]

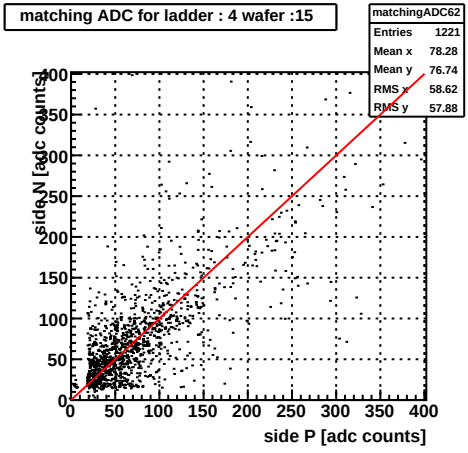

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 579
Mean x 69.68
Mean y 80.2
RMS x 58.54
RMS y 58.66
side N [adc counts]
side P [adc counts]

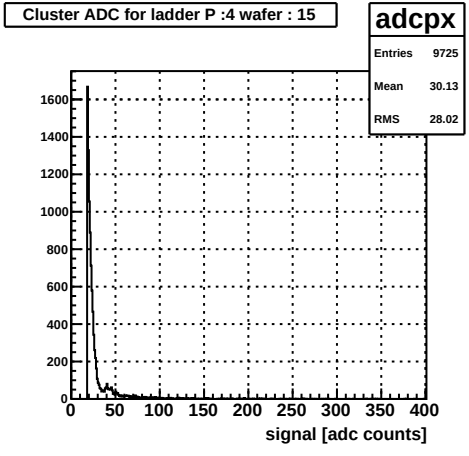

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11450
Mean 28.68
RMS 18.51
signal [adc counts]

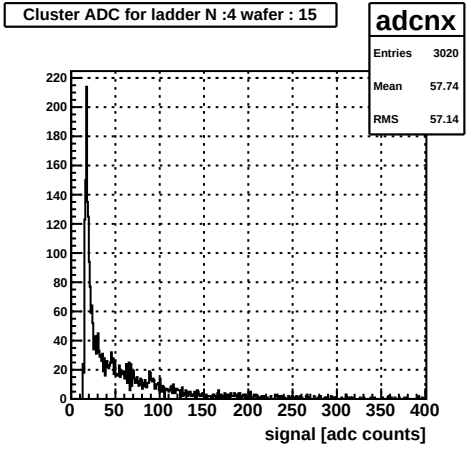

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2226
Mean 69.31
RMS 57.49
signal [adc counts]

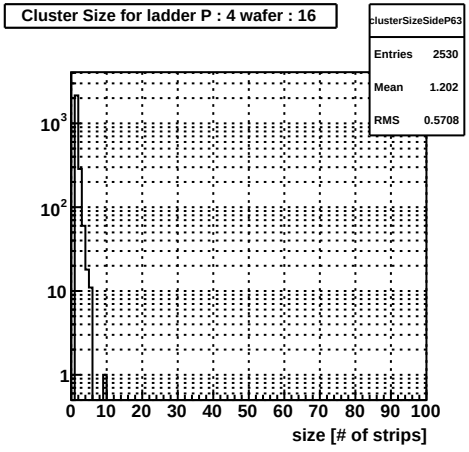

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9725
Mean 1.113
RMS 0.3869
size [# of strips]

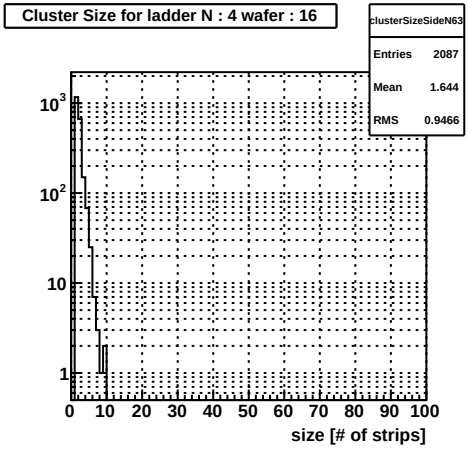

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3020
Mean 1.409
RMS 0.7569
size [# of strips]

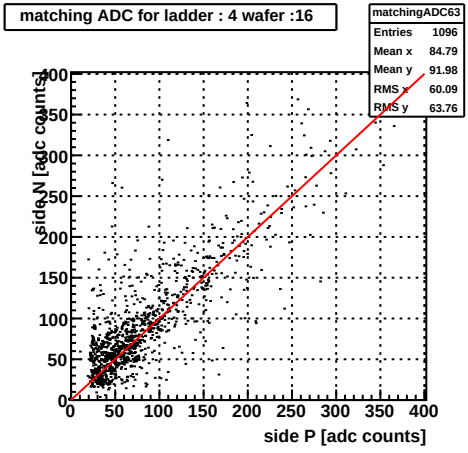

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1221
Mean x 78.28
Mean y 76.74
RMS x 58.62
RMS y 57.88
side N [adc counts]
side P [adc counts]

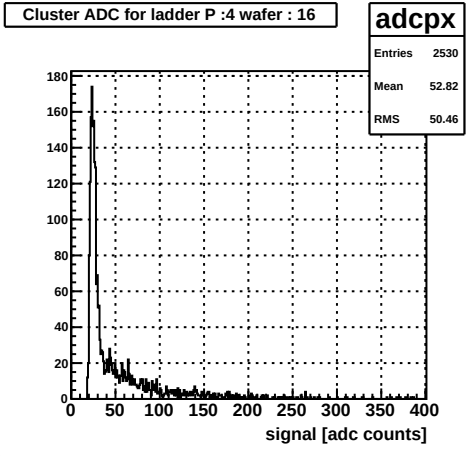

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9725
Mean 30.13
RMS 28.02
signal [adc counts]

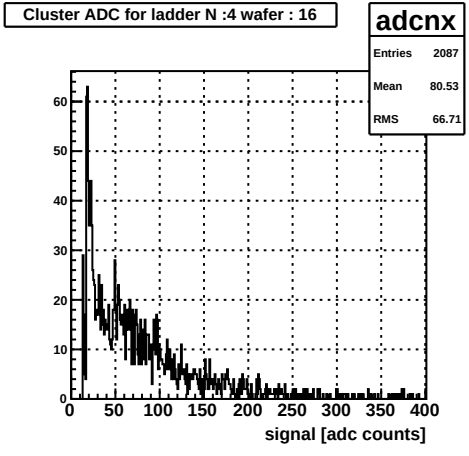

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3020
Mean 57.74
RMS 57.14
signal [adc counts]

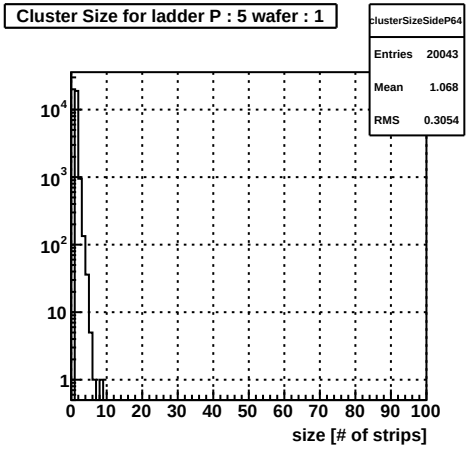

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2530
Mean 1.202
RMS 0.5708
size [# of strips]

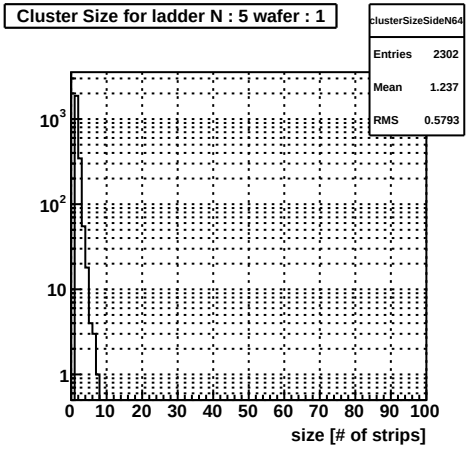

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2087
Mean 1.644
RMS 0.9466
size [# of strips]

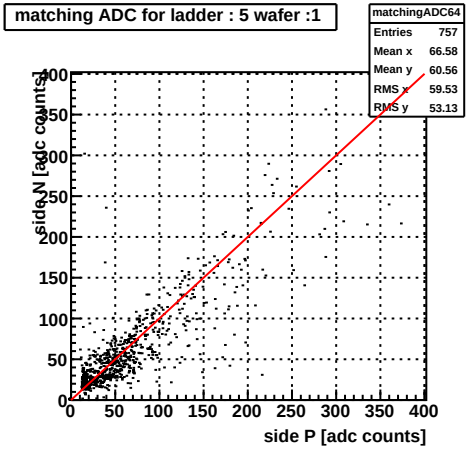

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1096
Mean x 84.79
Mean y 91.98
RMS x 60.09
RMS y 63.76
side N [adc counts]
side P [adc counts]

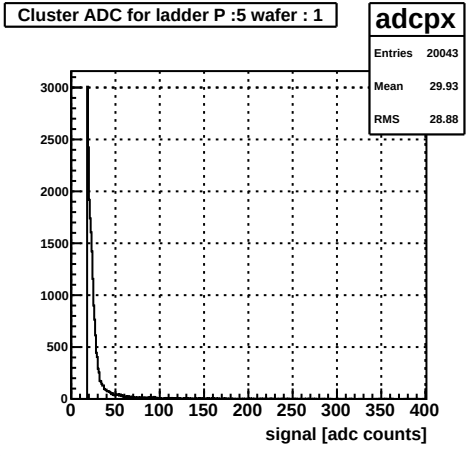

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2530
Mean 52.82
RMS 50.46
signal [adc counts]

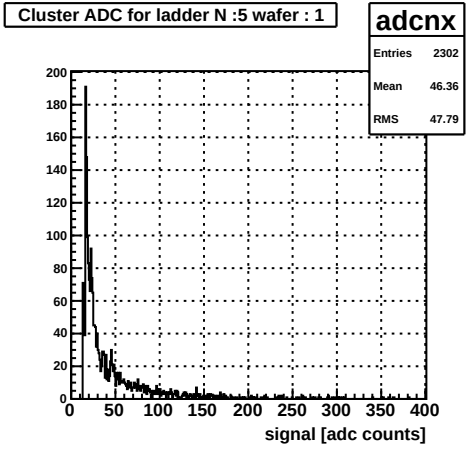

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2087
Mean 80.53
RMS 66.71
signal [adc counts]

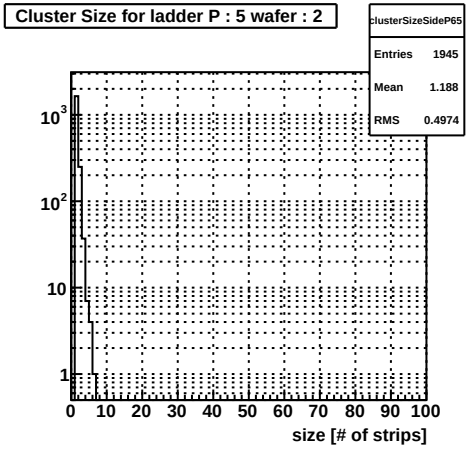

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20043
Mean 1.068
RMS 0.3054
size [# of strips]

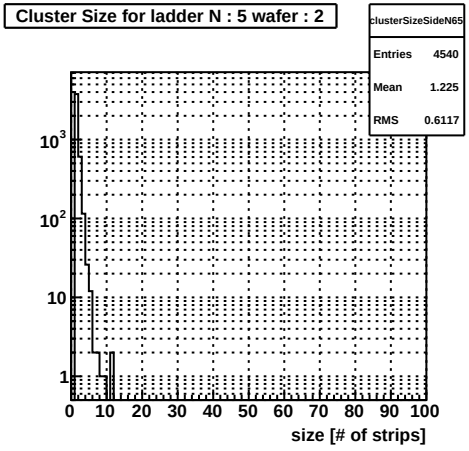

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2302
Mean 1.237
RMS 0.5793
size [# of strips]

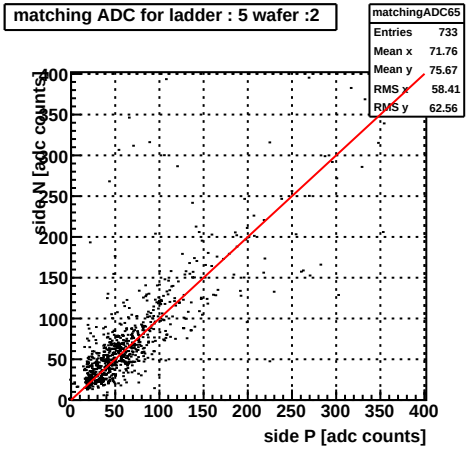

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 757
Mean x 66.58
Mean y 60.56
RMS x 59.53
RMS y 53.13
side N [adc counts]
side P [adc counts]

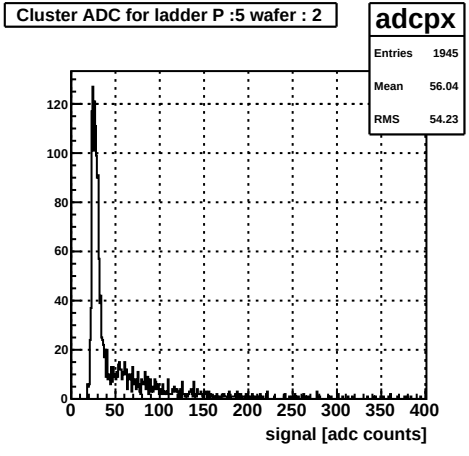

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20043
Mean 29.93
RMS 28.88
signal [adc counts]

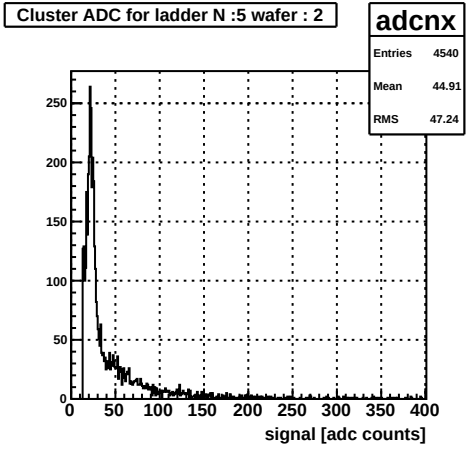

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2302
Mean 46.36
RMS 47.79
signal [adc counts]

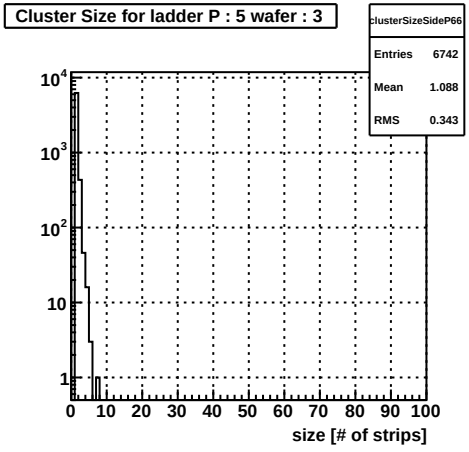

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1945
Mean 1.188
RMS 0.4974
size [# of strips]

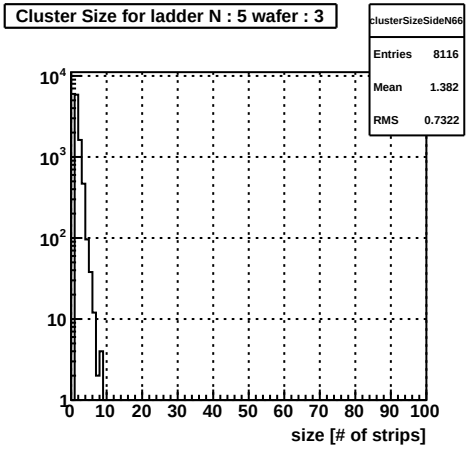

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4540
Mean 1.225
RMS 0.6117
size [# of strips]

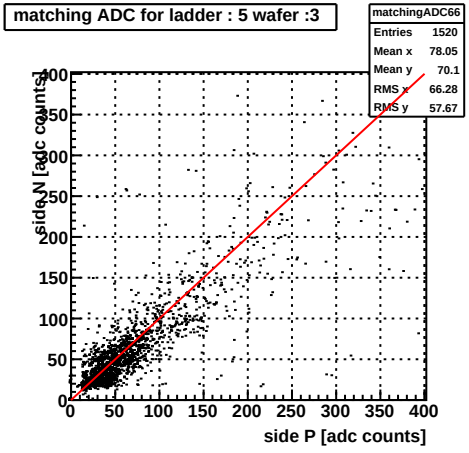

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 733
Mean x 71.76
Mean y 75.67
RMS x 58.41
RMS y 62.56
side N [adc counts]
side P [adc counts]

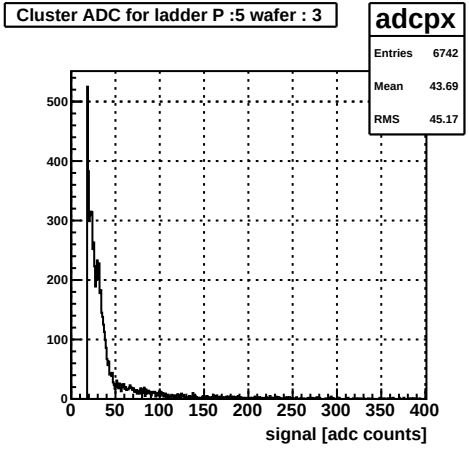

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1945
Mean 56.04
RMS 54.23
signal [adc counts]

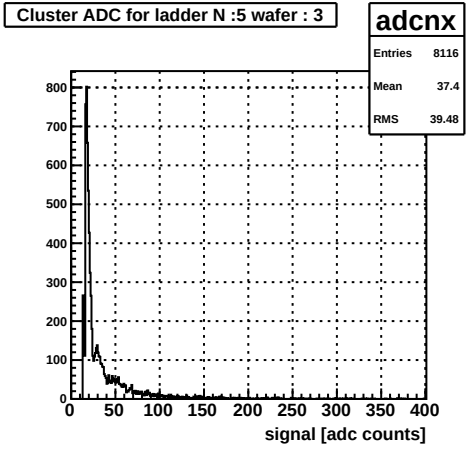

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4540
Mean 44.91
RMS 47.24
signal [adc counts]

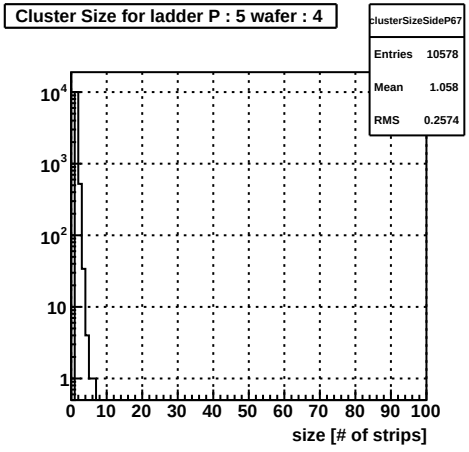

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6742
Mean 1.088
RMS 0.343
size [# of strips]

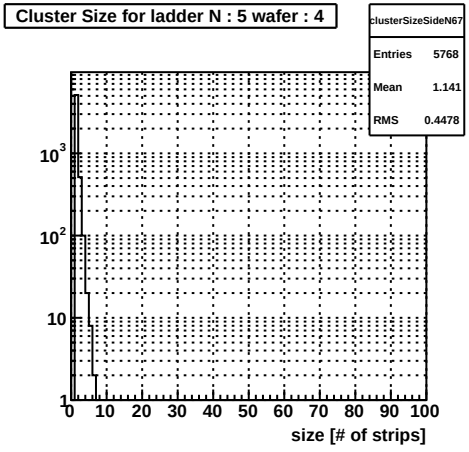

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8116
Mean 1.382
RMS 0.7322
size [# of strips]

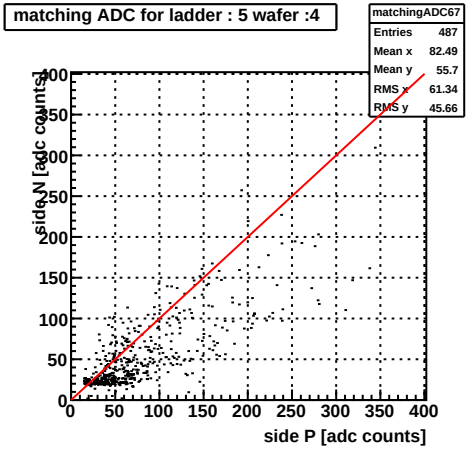

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1520
Mean x 78.05
Mean y 70.1
RMS x 66.28
RMS y 57.67
side N [adc counts]
side P [adc counts]

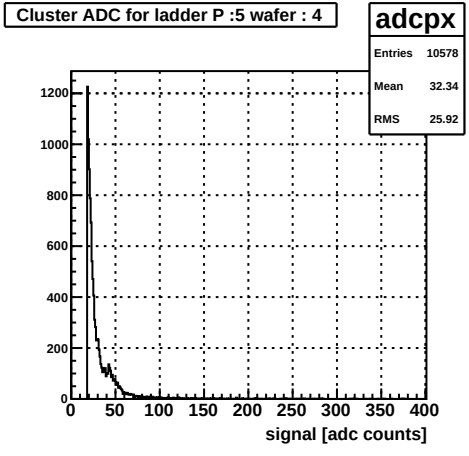

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6742
Mean 43.69
RMS 45.17
signal [adc counts]

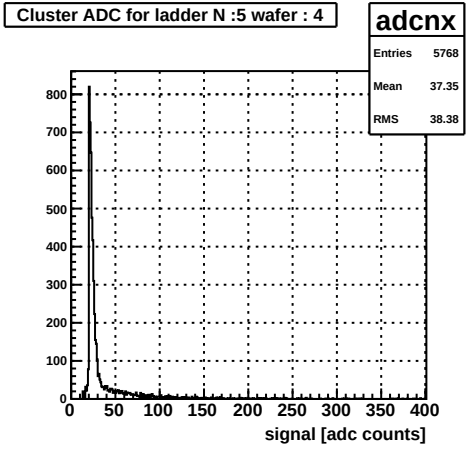

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8116
Mean 37.4
RMS 39.48
signal [adc counts]

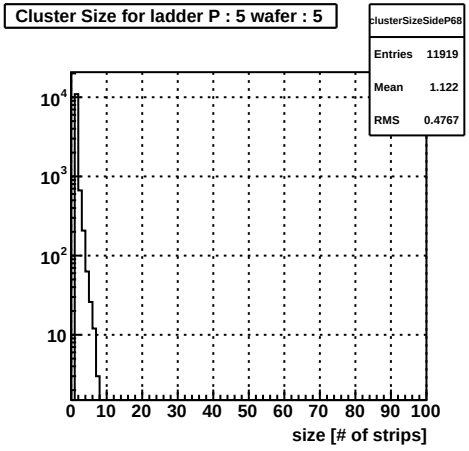

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10578
Mean 1.058
RMS 0.2574
size [# of strips]

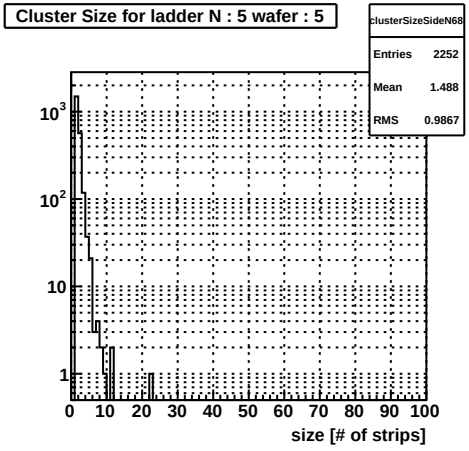

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5768
Mean 1.141
RMS 0.4478
size [# of strips]

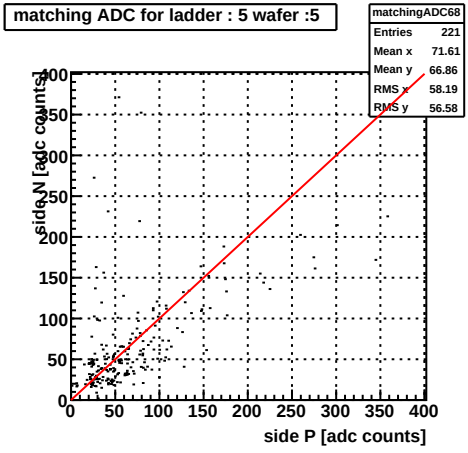

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 487
Mean x 82.49
Mean y 55.7
RMS x 61.34
RMS y 45.66
side N [adc counts]
side P [adc counts]

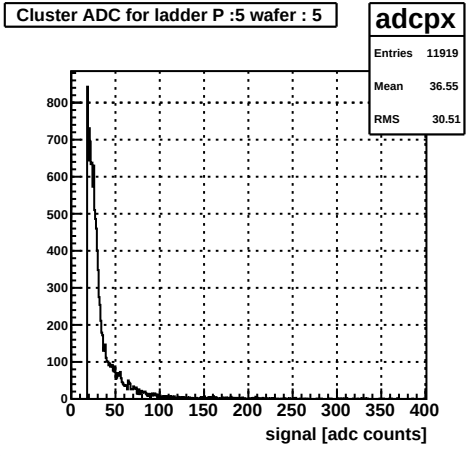

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10578
Mean 32.34
RMS 25.92
signal [adc counts]

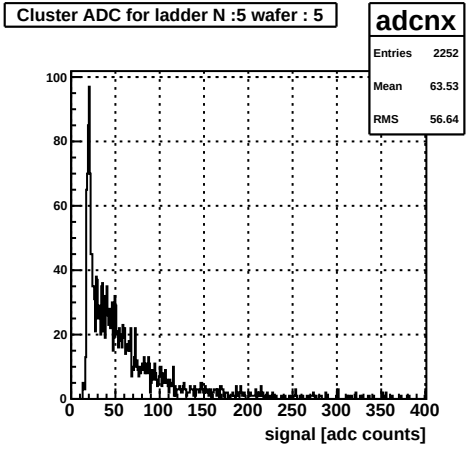

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5768
Mean 37.35
RMS 38.38
signal [adc counts]

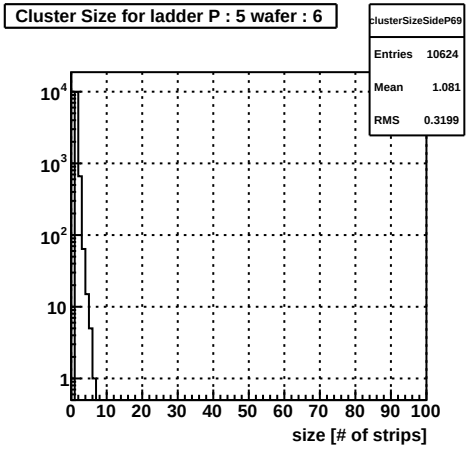

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11919
Mean 1.122
RMS 0.4767
size [# of strips]

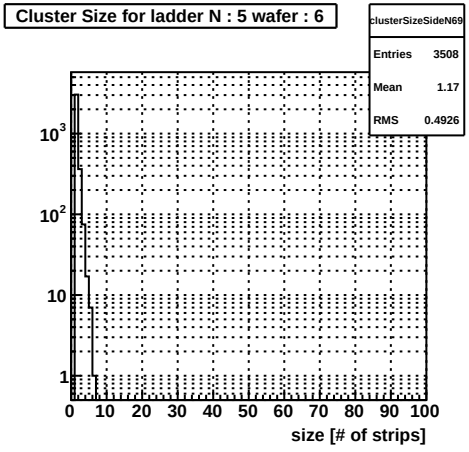

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2252
Mean 1.488
RMS 0.9867
size [# of strips]

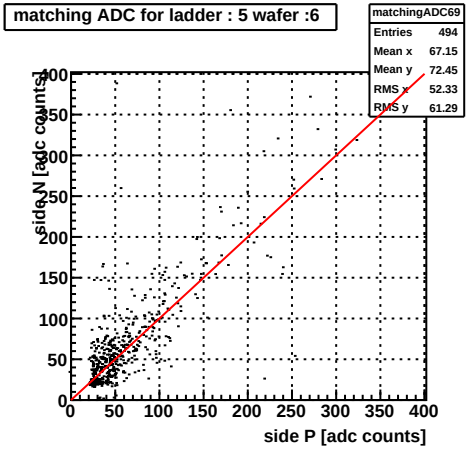

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 221
Mean x 71.61
Mean y 66.86
RMS x 58.19
RMS y 56.58
side N [adc counts]
side P [adc counts]

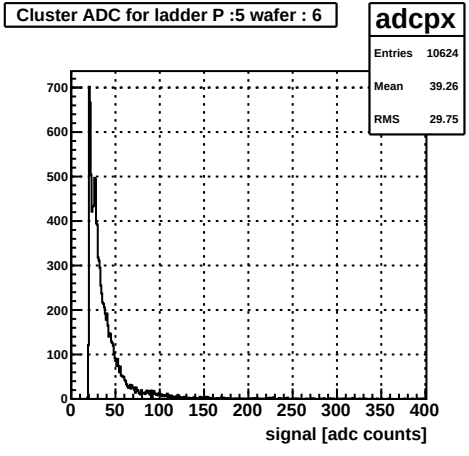

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11919
Mean 36.55
RMS 30.51
signal [adc counts]

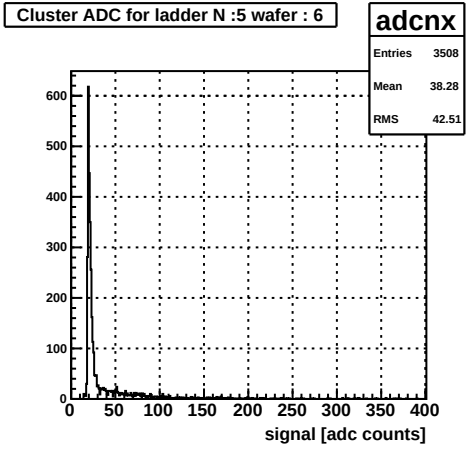

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2252
Mean 63.53
RMS 56.64
signal [adc counts]

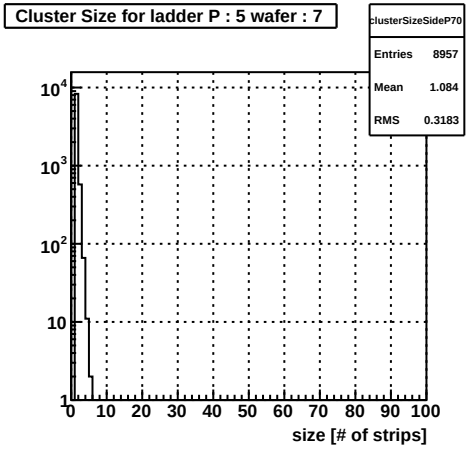

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10624
Mean 1.081
RMS 0.3199
size [# of strips]

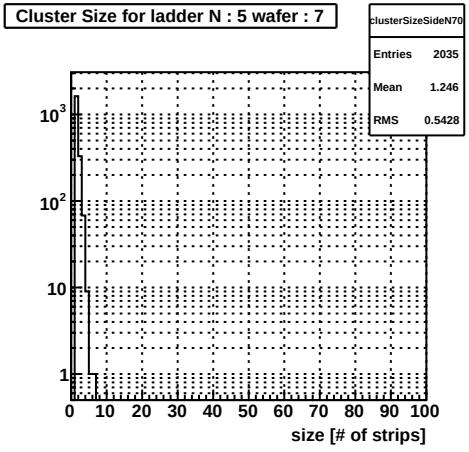

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3508
Mean 1.17
RMS 0.4926
size [# of strips]

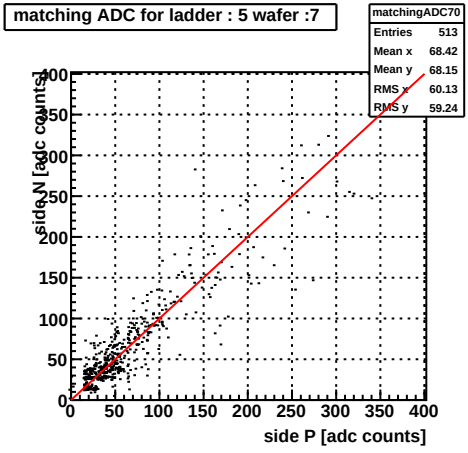

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 494
Mean x 67.15
Mean y 72.45
RMS x 52.33
RMS y 61.29
side N [adc counts]
side P [adc counts]

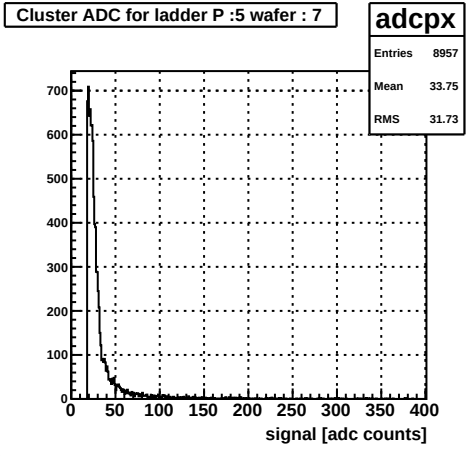

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10624
Mean 39.26
RMS 29.75
signal [adc counts]

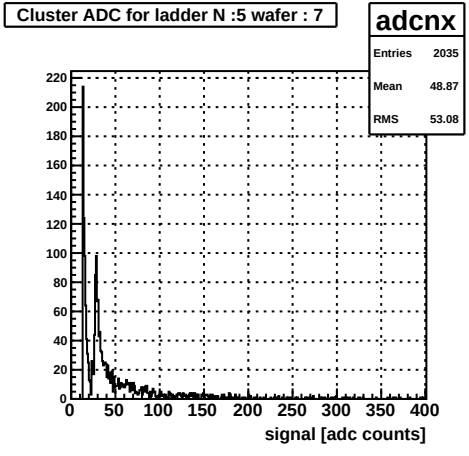

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3508
Mean 38.28
RMS 42.51
signal [adc counts]

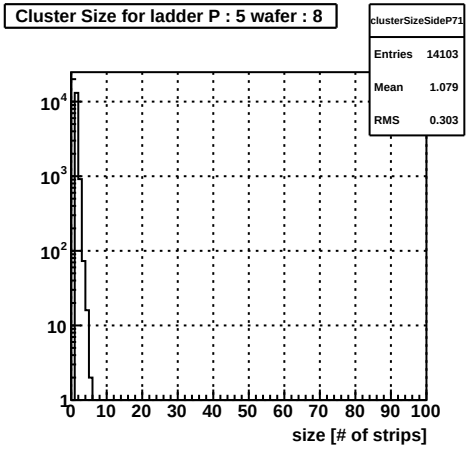

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8957
Mean 1.084
RMS 0.3183
size [# of strips]

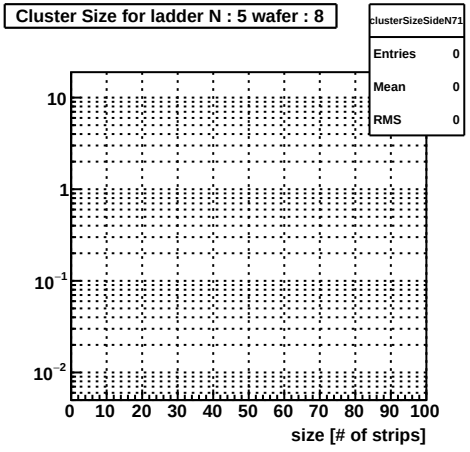

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2035
Mean 1.246
RMS 0.5428
size [# of strips]

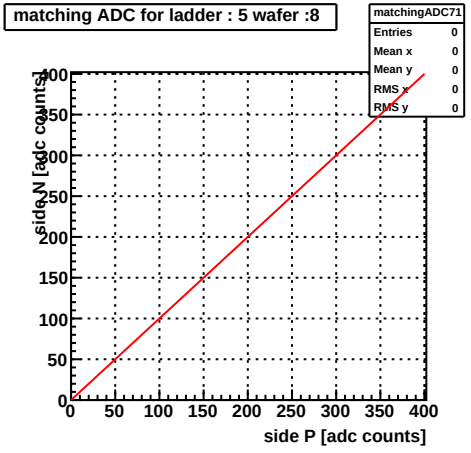

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 513
Mean x 68.42
Mean y 68.15
RMS x 60.13
RMS y 59.24
side N [adc counts]
side P [adc counts]

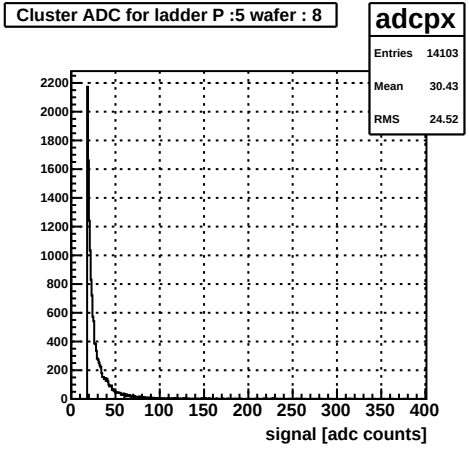

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8957
Mean 33.75
RMS 31.73
signal [adc counts]

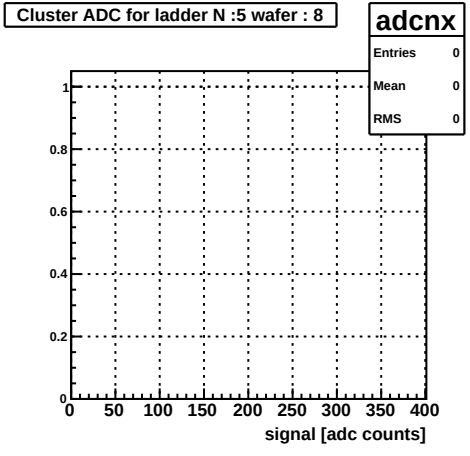

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2035
Mean 48.87
RMS 53.08
signal [adc counts]

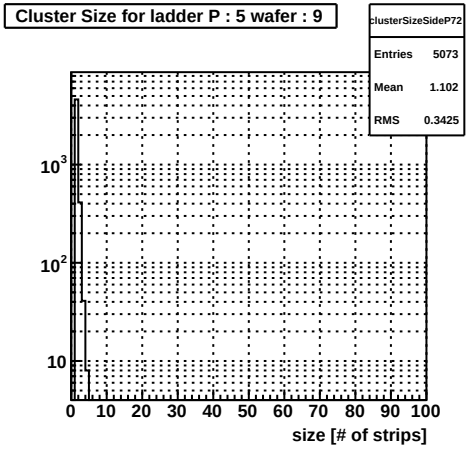

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 14103
Mean 1.079
RMS 0.303
size [# of strips]

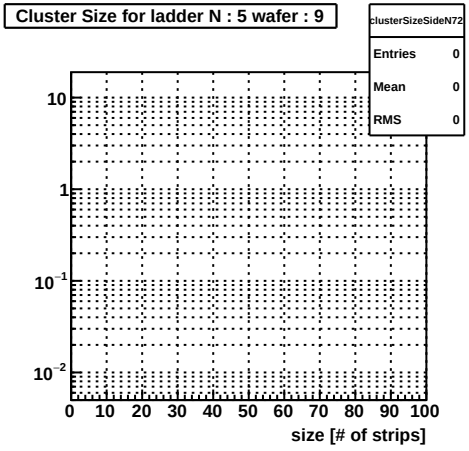

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

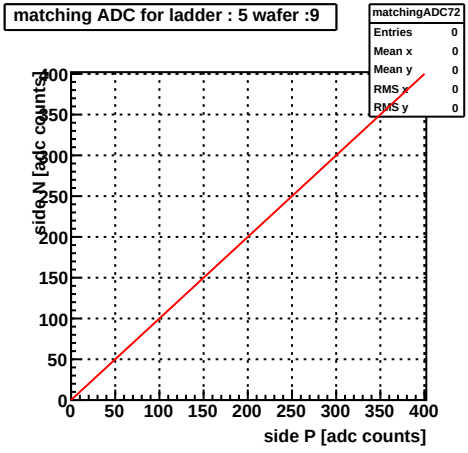

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

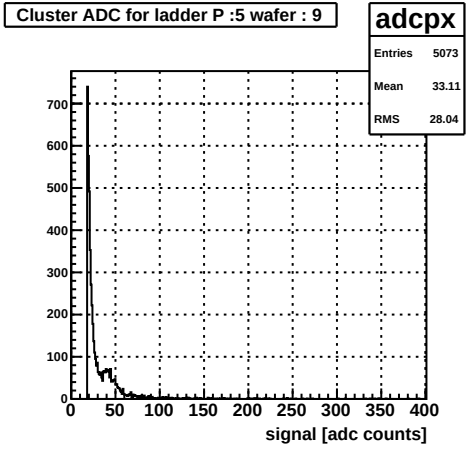

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 14103
Mean 30.43
RMS 24.52
signal [adc counts]

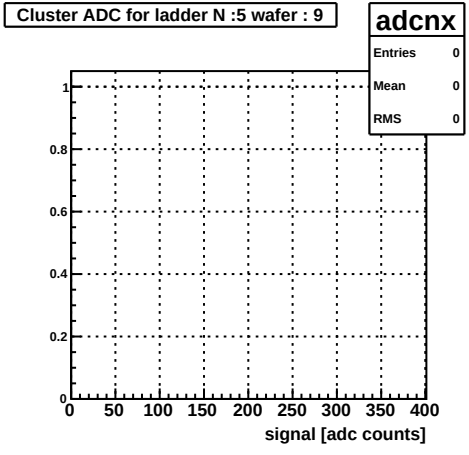

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

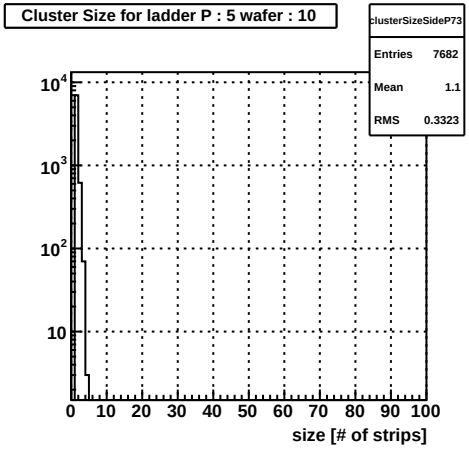

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5073
Mean 1.102
RMS 0.3425
size [# of strips]

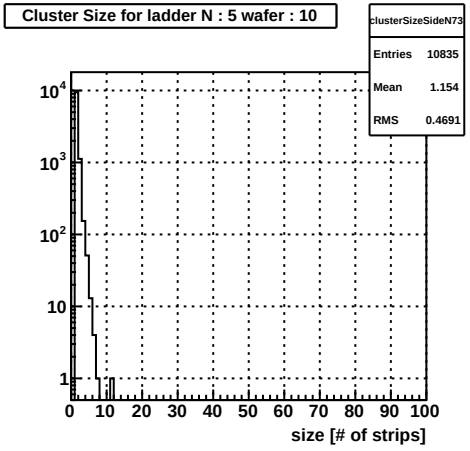

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

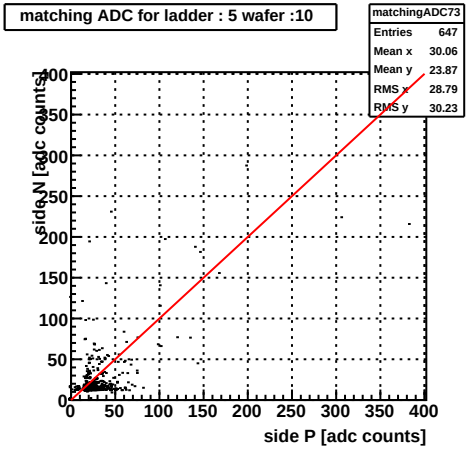

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

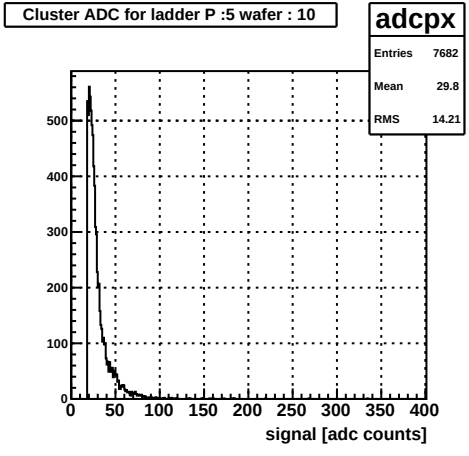

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5073
Mean 33.11
RMS 28.04
signal [adc counts]

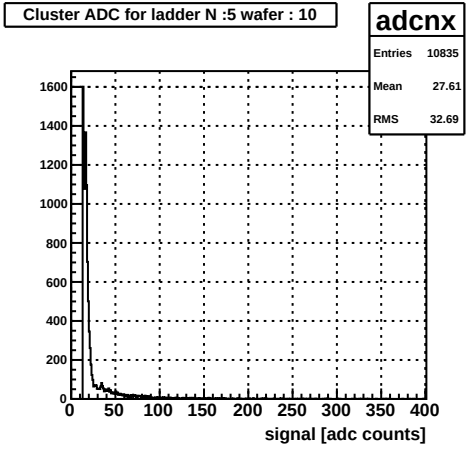

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

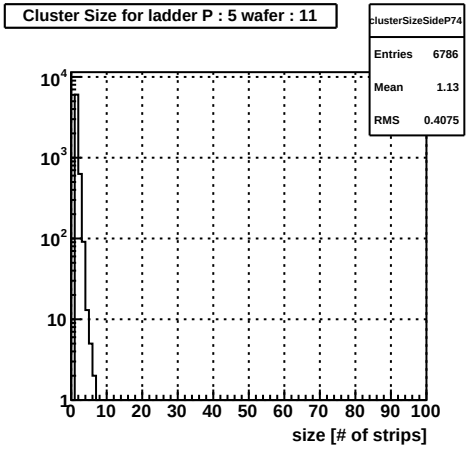

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 7682
Mean 1.1
RMS 0.3323
size [# of strips]

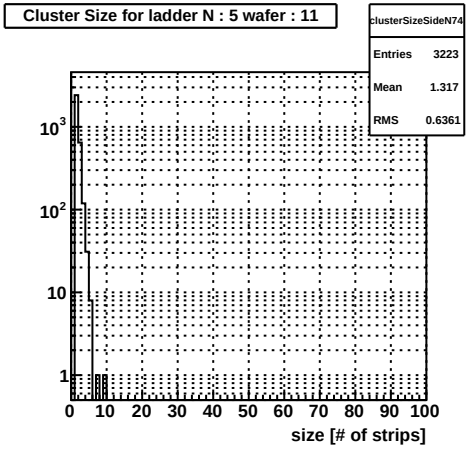

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10835
Mean 1.154
RMS 0.4691
size [# of strips]

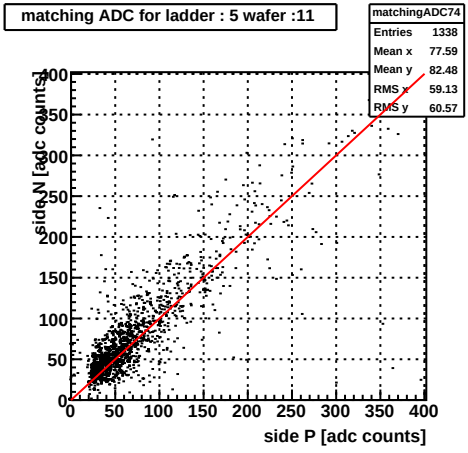

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 647
Mean x 30.06
Mean y 23.87
RMS x 28.79
RMS y 30.23
side N [adc counts]
side P [adc counts]

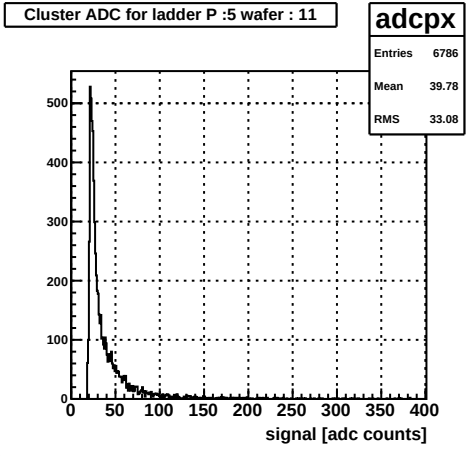

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 7682
Mean 29.8
RMS 14.21
signal [adc counts]

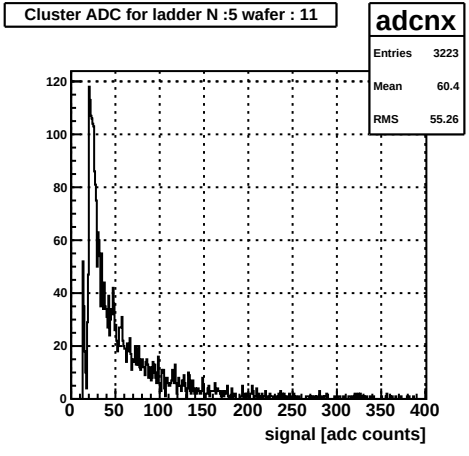

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10835
Mean 27.61
RMS 32.69
signal [adc counts]

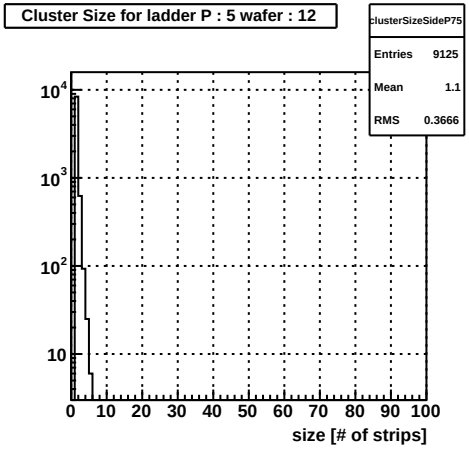

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6786
Mean 1.13
RMS 0.4075
size [# of strips]

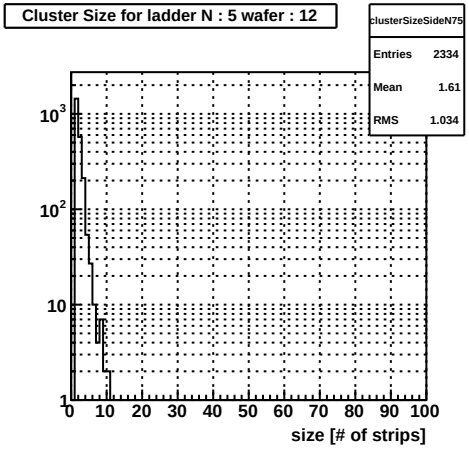

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3223
Mean 1.317
RMS 0.6361
size [# of strips]

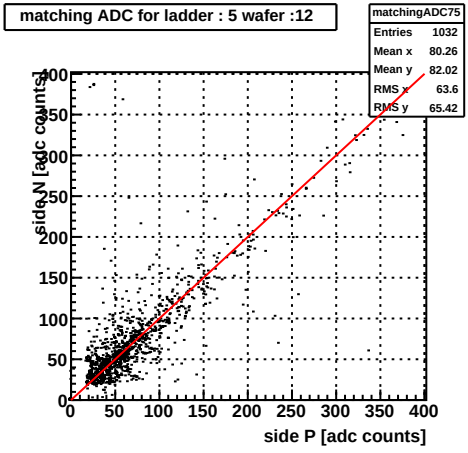

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1338
Mean x 77.59
Mean y 82.48
RMS x 59.13
RMS y 60.57
side N [adc counts]
side P [adc counts]

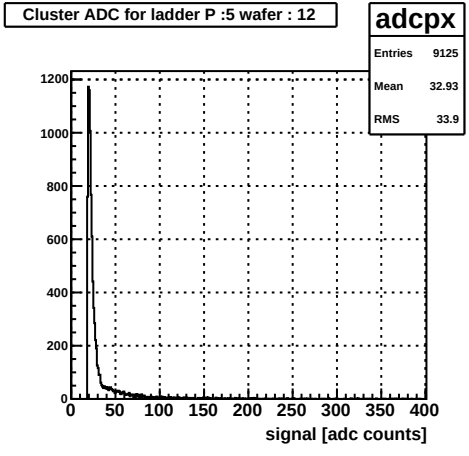

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6786
Mean 39.78
RMS 33.08
signal [adc counts]

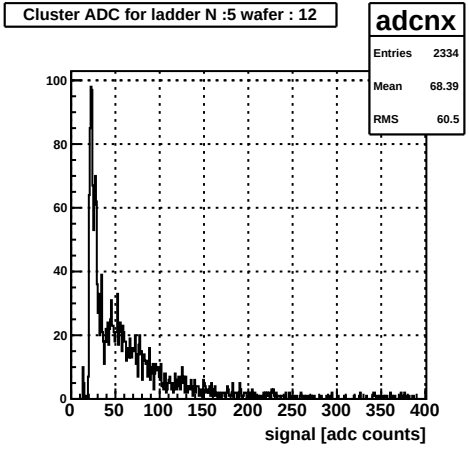

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3223
Mean 60.4
RMS 55.26
signal [adc counts]

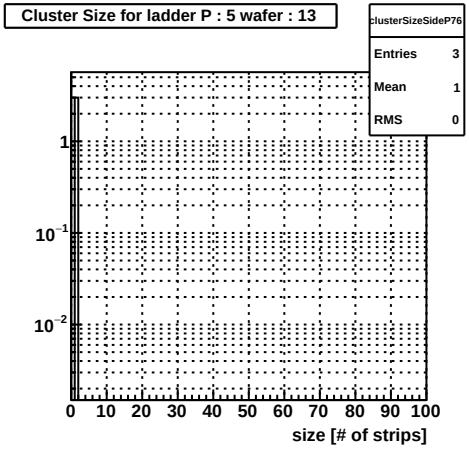

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9125
Mean 1.1
RMS 0.3666
size [# of strips]

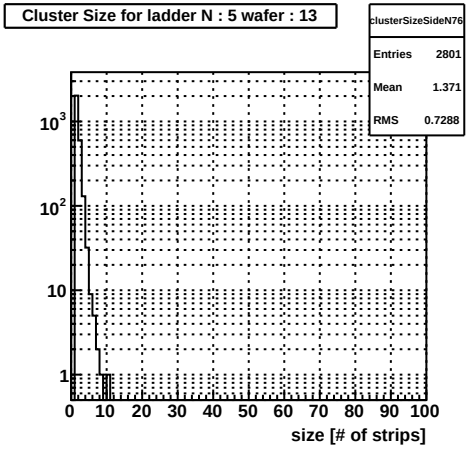

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2334
Mean 1.61
RMS 1.034
size [# of strips]

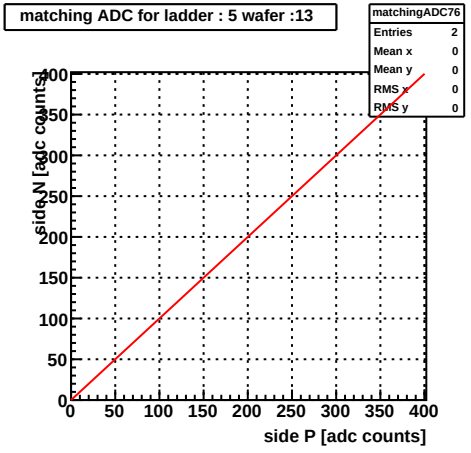

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1032
Mean x 80.26
Mean y 82.02
RMS x 63.6
RMS y 65.42
side N [adc counts]
side P [adc counts]

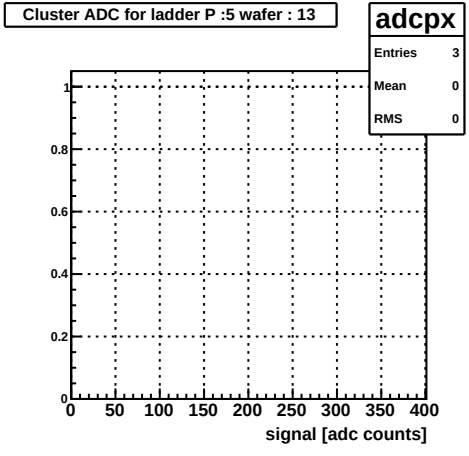

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9125
Mean 32.93
RMS 33.9
signal [adc counts]

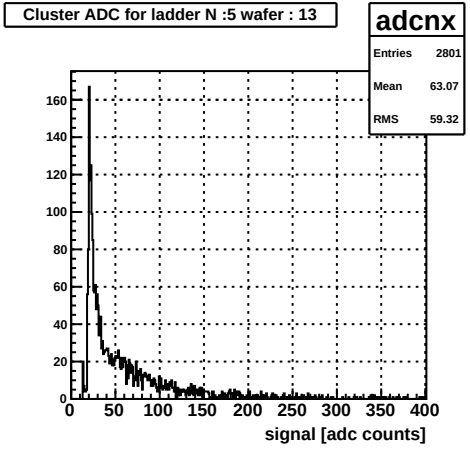

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2334
Mean 68.39
RMS 60.5
signal [adc counts]

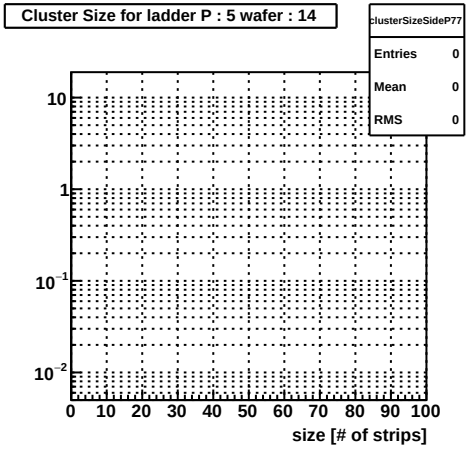

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

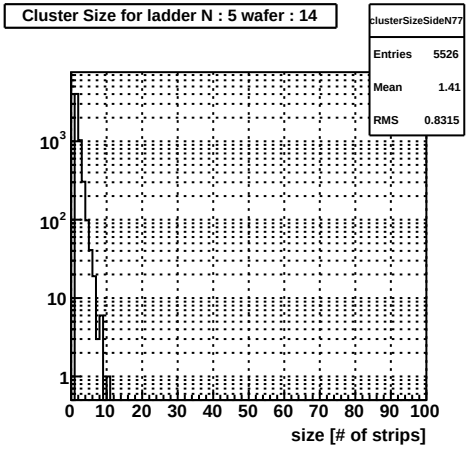

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2801
Mean 1.371
RMS 0.7288
size [# of strips]

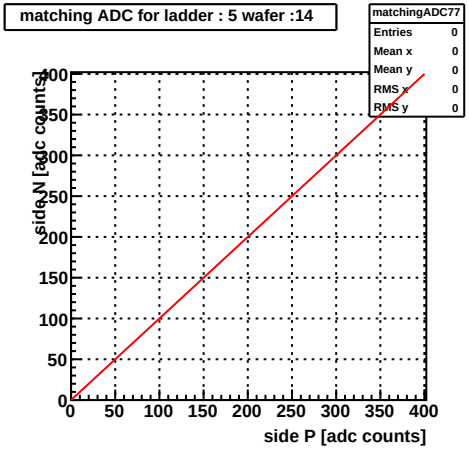

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

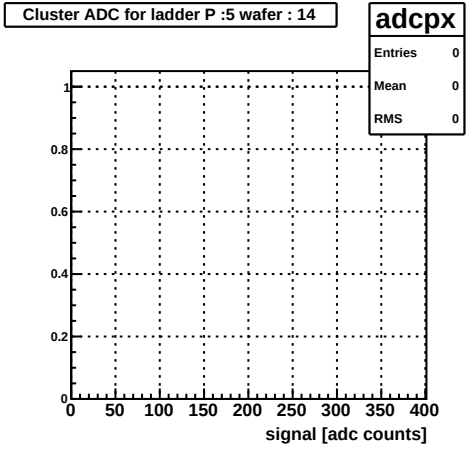

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

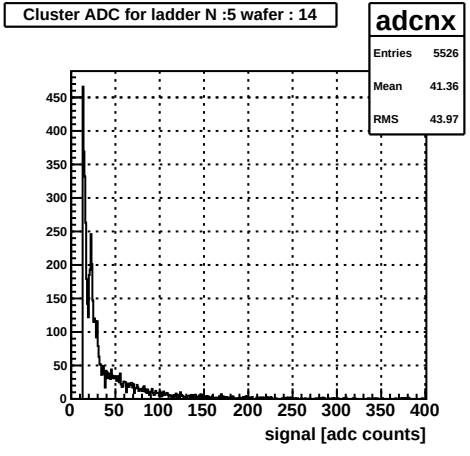

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2801
Mean 63.07
RMS 59.32
signal [adc counts]

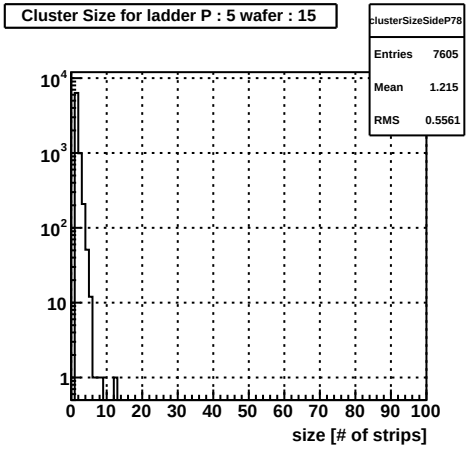

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

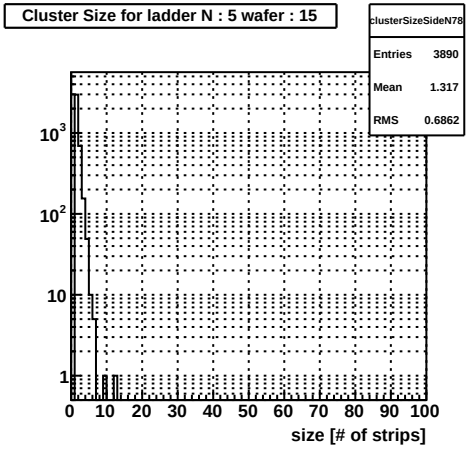

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5526
Mean 1.41
RMS 0.8315
size [# of strips]

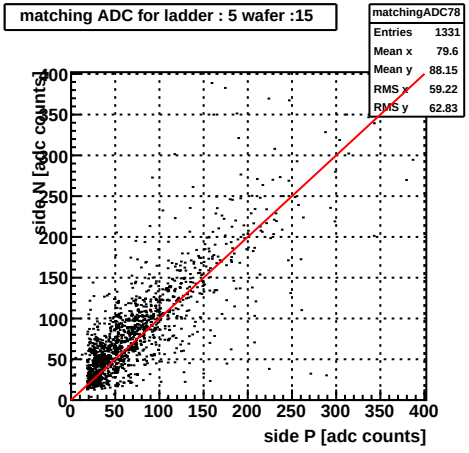

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

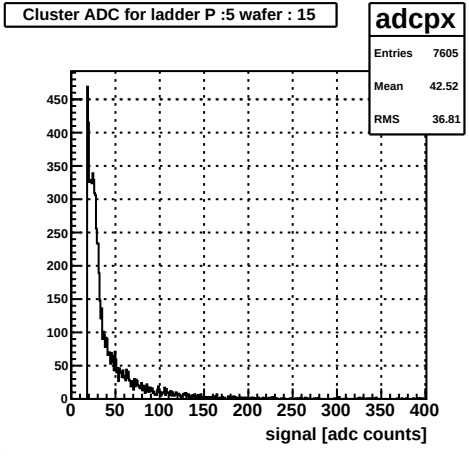

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

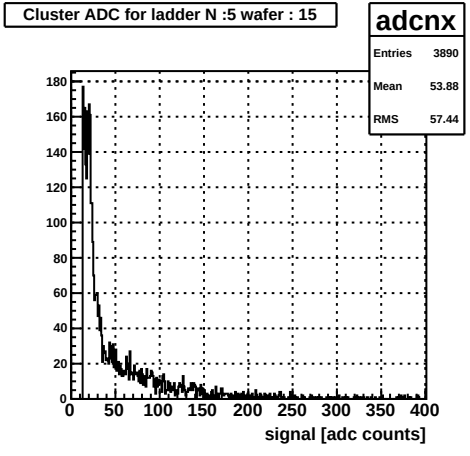

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5526
Mean 41.36
RMS 43.97
signal [adc counts]

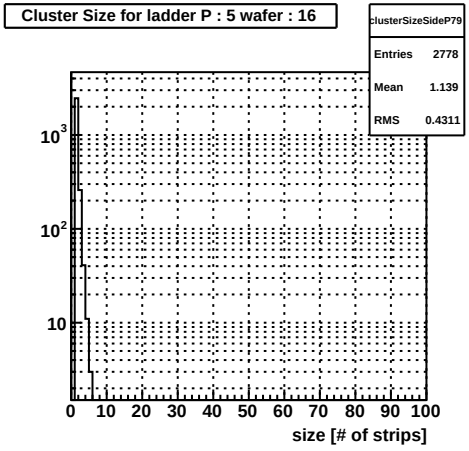

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7605
Mean 1.215
RMS 0.5561
size [# of strips]

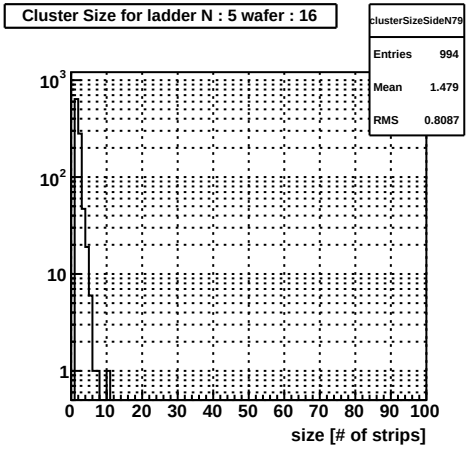

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3890
Mean 1.317
RMS 0.6862
size [# of strips]

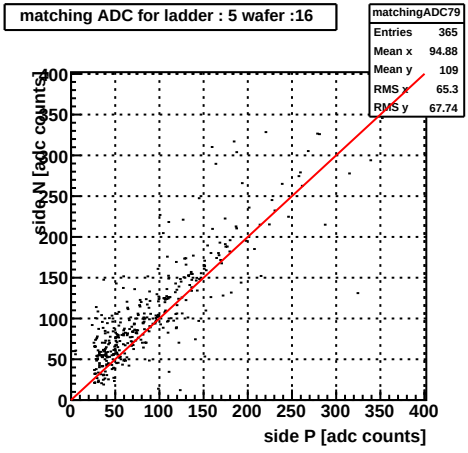

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1331
Mean x 79.6
Mean y 88.15
RMS x 59.22
RMS y 62.83
side N [adc counts]
side P [adc counts]

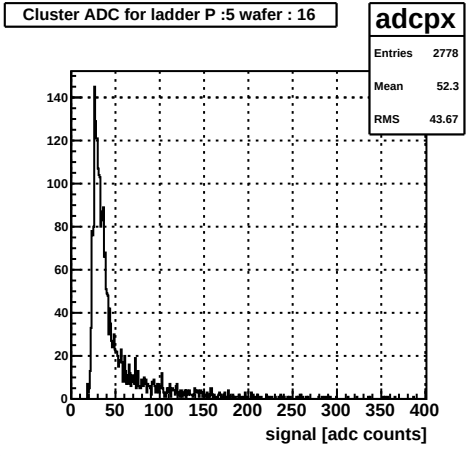

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7605
Mean 42.52
RMS 36.81
signal [adc counts]

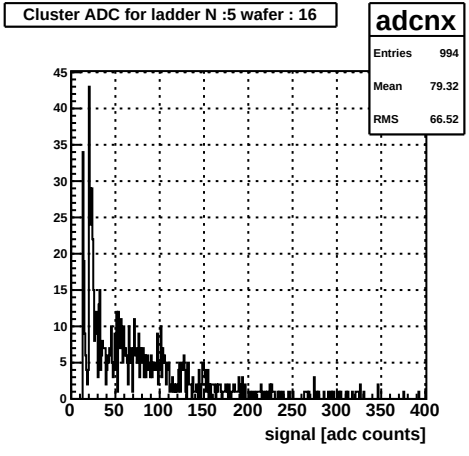

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3890
Mean 53.88
RMS 57.44
signal [adc counts]

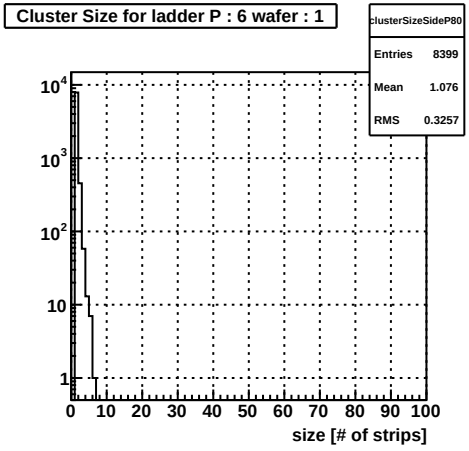

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2778
Mean 1.139
RMS 0.4311
size [# of strips]

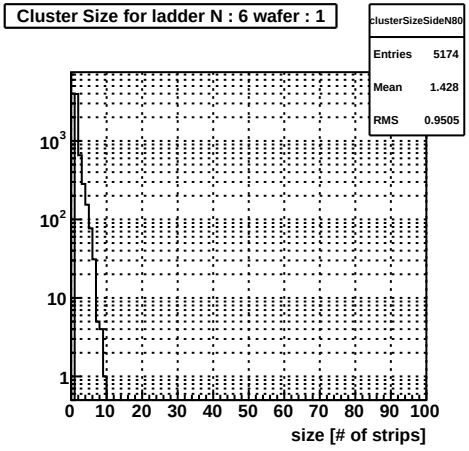

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 994
Mean 1.479
RMS 0.8087
size [# of strips]

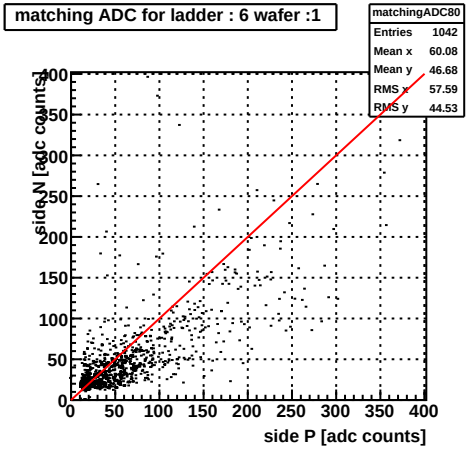

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 365
Mean x 94.88
Mean y 109
RMS x 65.3
RMS y 67.74
side N [adc counts]
side P [adc counts]

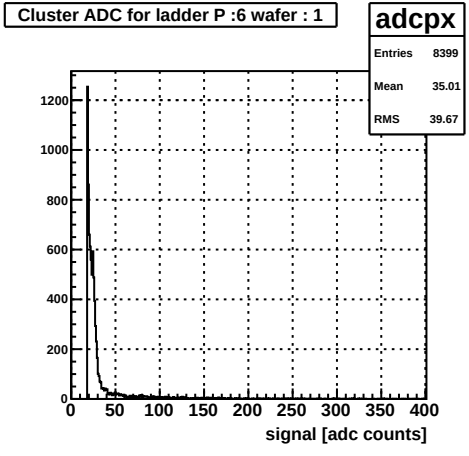

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2778
Mean 52.3
RMS 43.67
signal [adc counts]

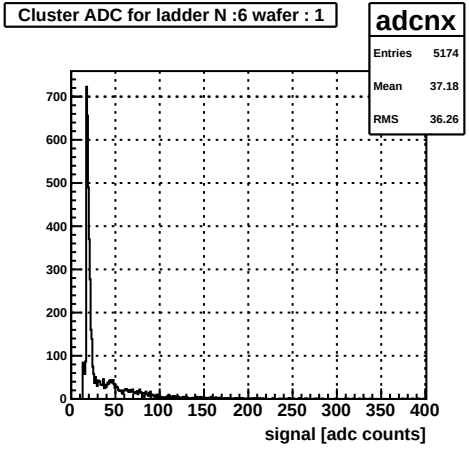

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 994
Mean 79.32
RMS 66.52
signal [adc counts]

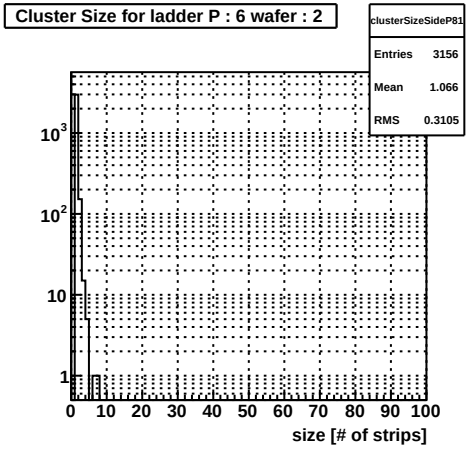

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8399
Mean 1.076
RMS 0.3257
size [# of strips]

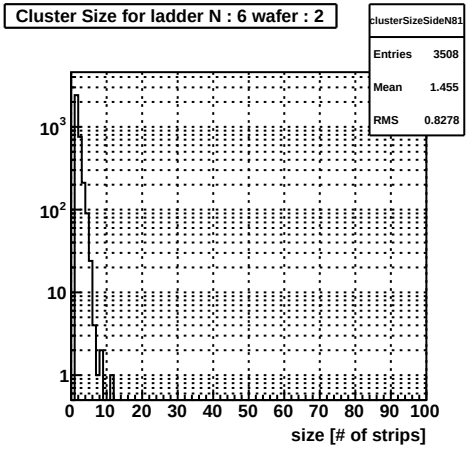

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5174
Mean 1.428
RMS 0.9505
size [# of strips]

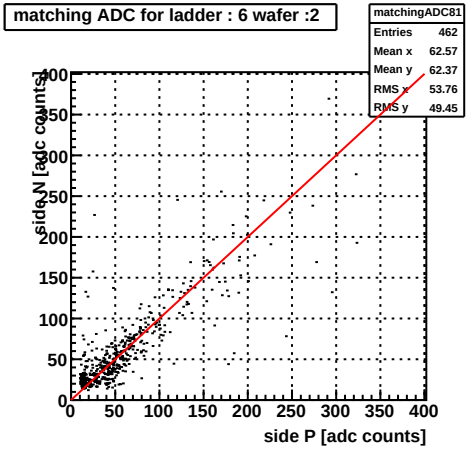

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1042
Mean x 60.08
Mean y 46.68
RMS x 57.59
RMS y 44.53
side N [adc counts]
side P [adc counts]

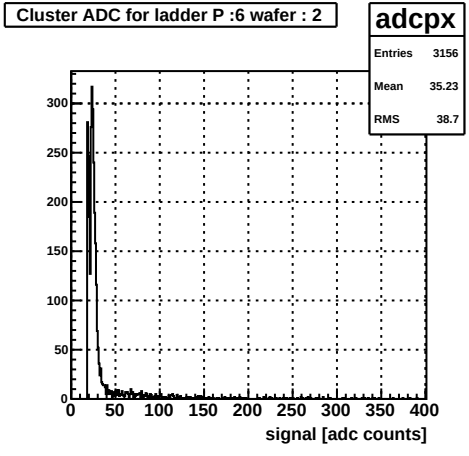

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8399
Mean 35.01
RMS 39.67
signal [adc counts]

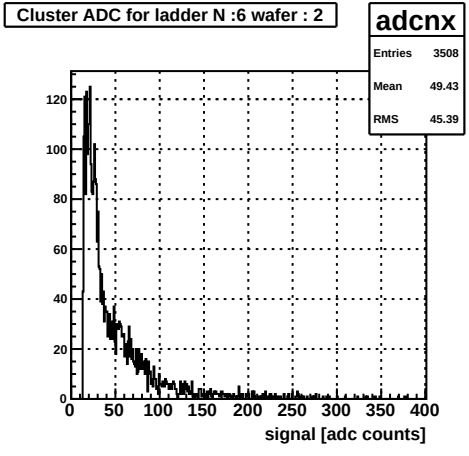

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5174
Mean 37.18
RMS 36.26
signal [adc counts]

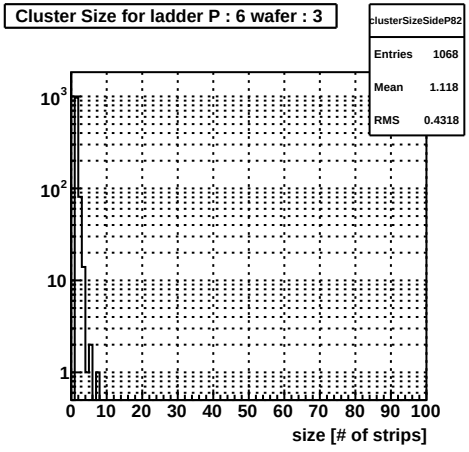

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3156
Mean 1.066
RMS 0.3105
size [# of strips]

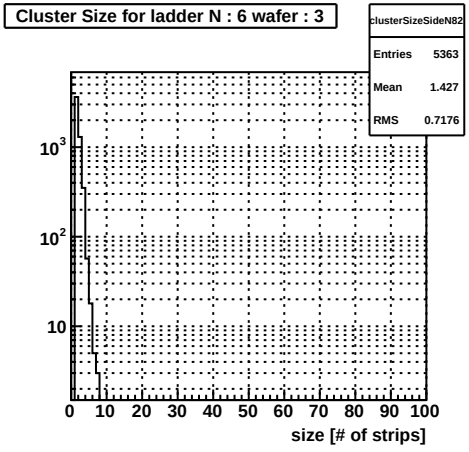

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3508
Mean 1.455
RMS 0.8278
size [# of strips]

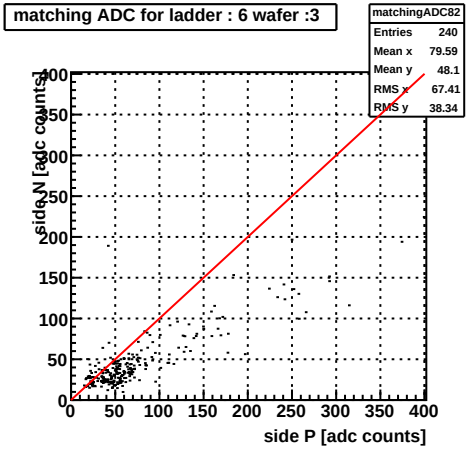

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 462
Mean x 62.57
Mean y 62.37
RMS x 53.76
RMS y 49.45
side N [adc counts]
side P [adc counts]

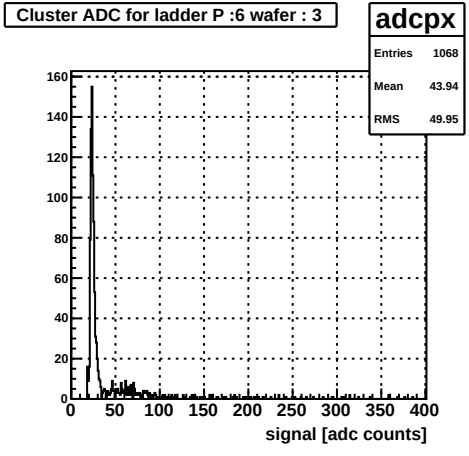

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3156
Mean 35.23
RMS 38.7
signal [adc counts]

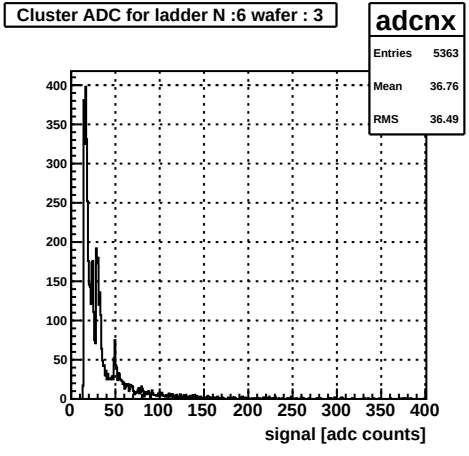

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3508
Mean 49.43
RMS 45.39
signal [adc counts]

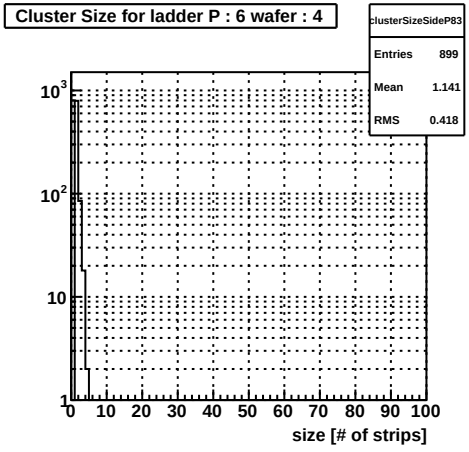

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1068
Mean 1.118
RMS 0.4318
size [# of strips]

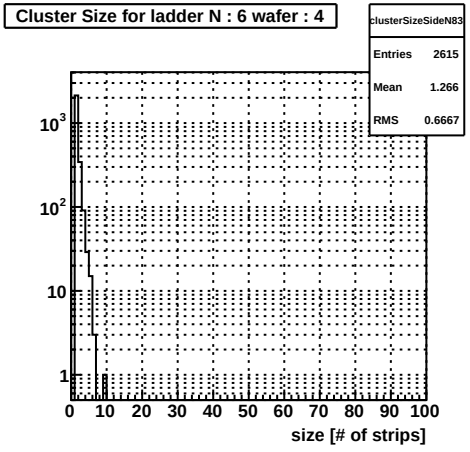

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 5363
Mean 1.427
RMS 0.7176
size [# of strips]

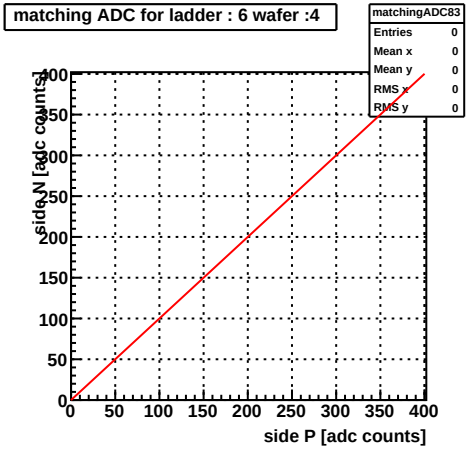

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 240
Mean x 79.59
Mean y 48.1
RMS x 67.41
RMS y 38.34
side N [adc counts]
side P [adc counts]

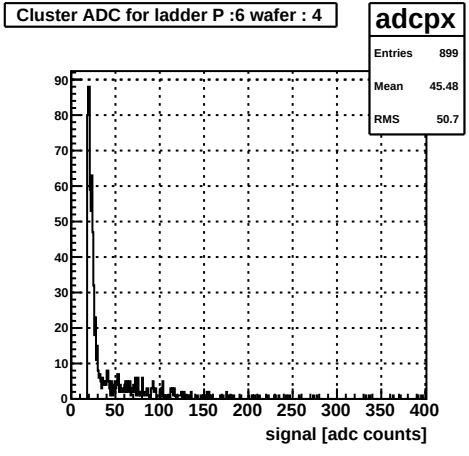

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1068
Mean 43.94
RMS 49.95
signal [adc counts]

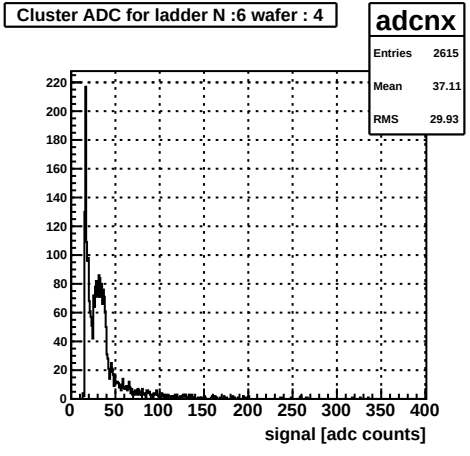

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 5363
Mean 36.76
RMS 36.49
signal [adc counts]

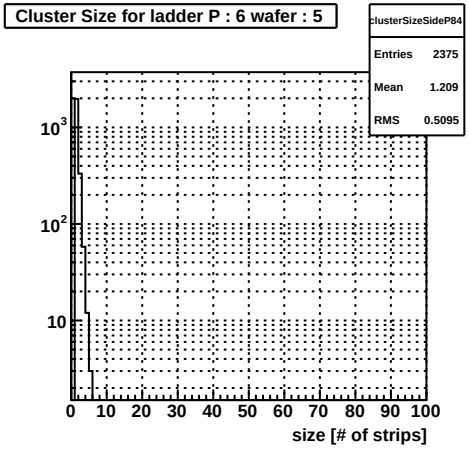

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 899
Mean 1.141
RMS 0.418
size [# of strips]

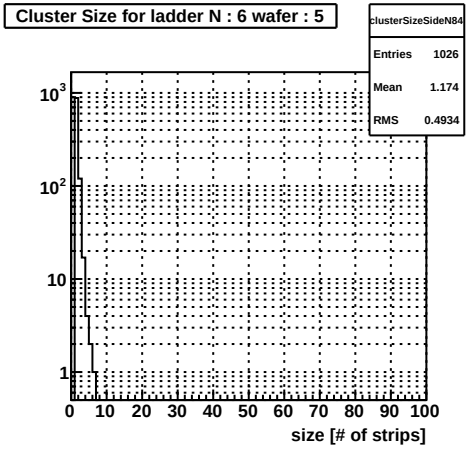

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2615
Mean 1.266
RMS 0.6667
size [# of strips]

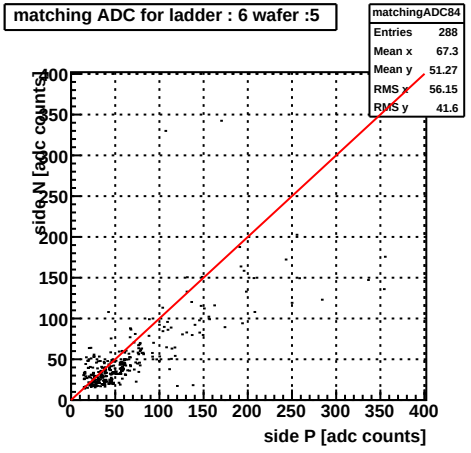

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

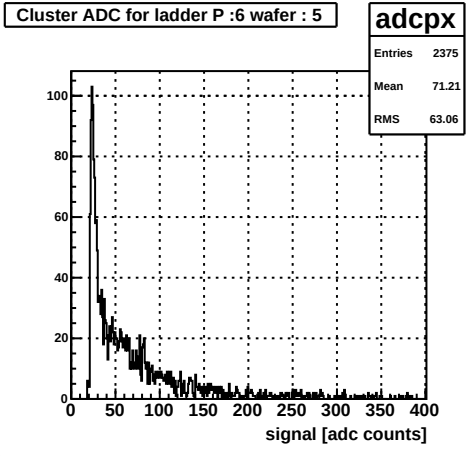

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 899
Mean 45.48
RMS 50.7
signal [adc counts]

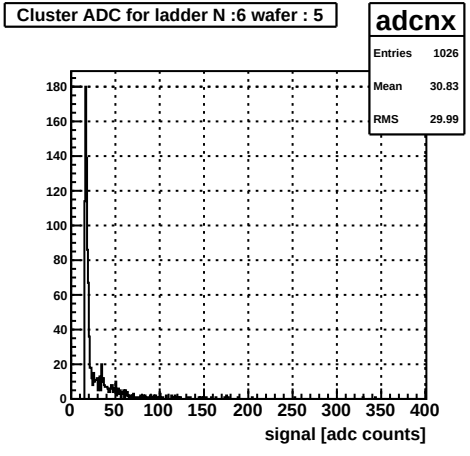

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2615
Mean 37.11
RMS 29.93
signal [adc counts]

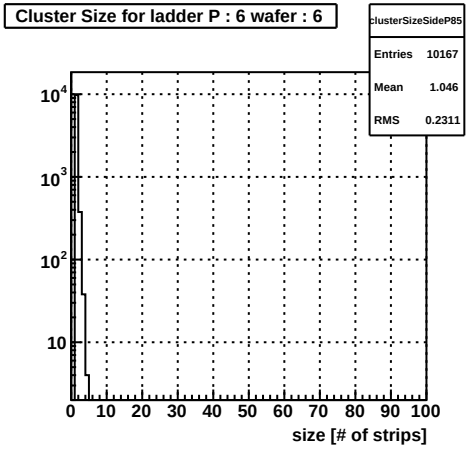

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2375
Mean 1.209
RMS 0.5095
size [# of strips]

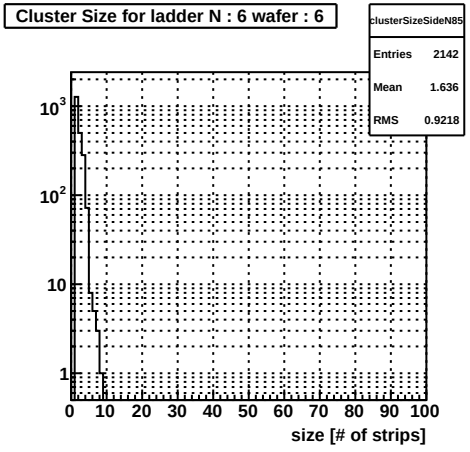

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1026
Mean 1.174
RMS 0.4934
size [# of strips]

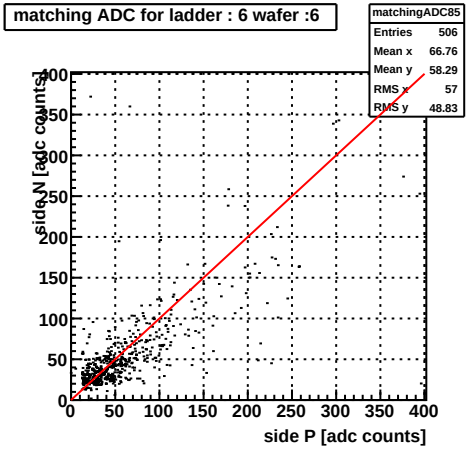

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 288
Mean x 67.3
Mean y 51.27
RMS x 56.15
RMS y 41.6
side N [adc counts]
side P [adc counts]

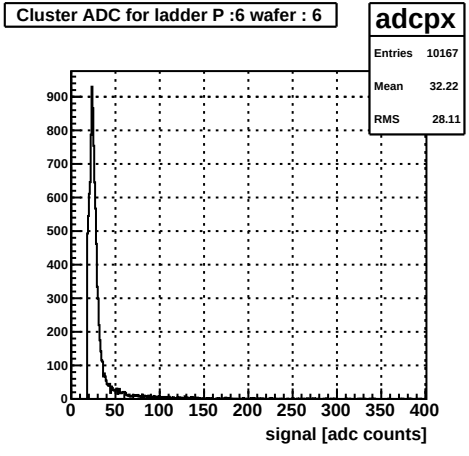

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2375
Mean 71.21
RMS 63.06
signal [adc counts]

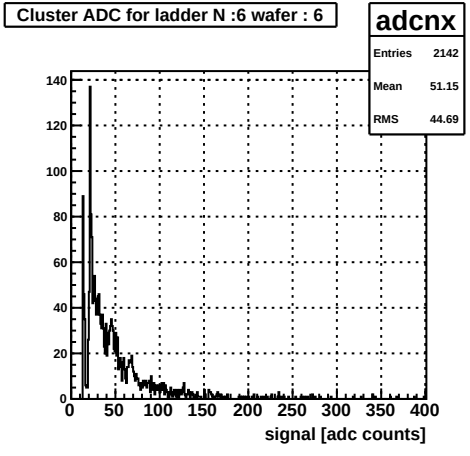

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1026
Mean 30.83
RMS 29.99
signal [adc counts]

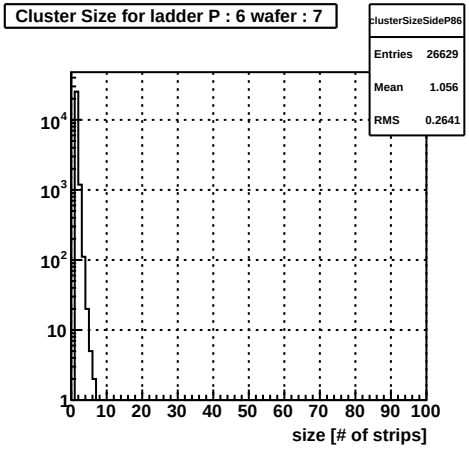

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10167
Mean 1.046
RMS 0.2311
size [# of strips]

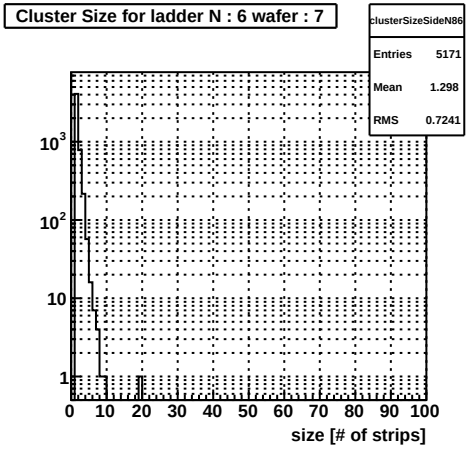

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2142
Mean 1.636
RMS 0.9218
size [# of strips]

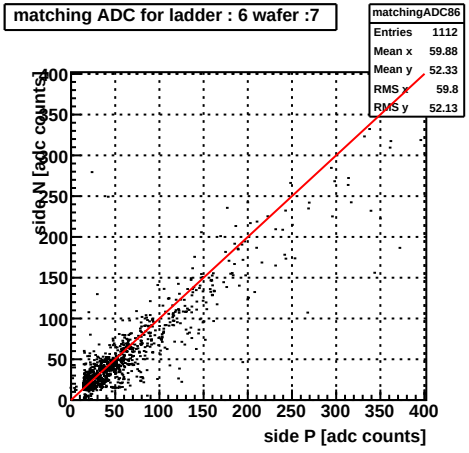

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 506
Mean x 66.76
Mean y 58.29
RMS x 57
RMS y 48.83
side N [adc counts]
side P [adc counts]

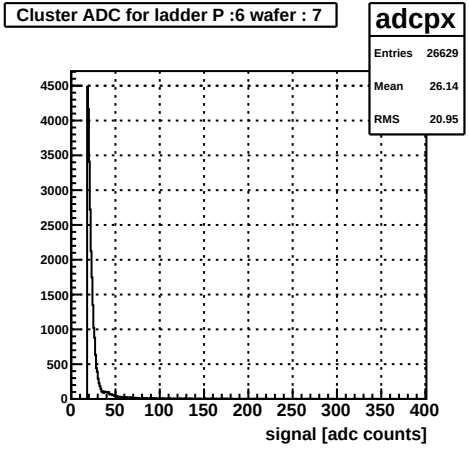

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10167
Mean 32.22
RMS 28.11
signal [adc counts]

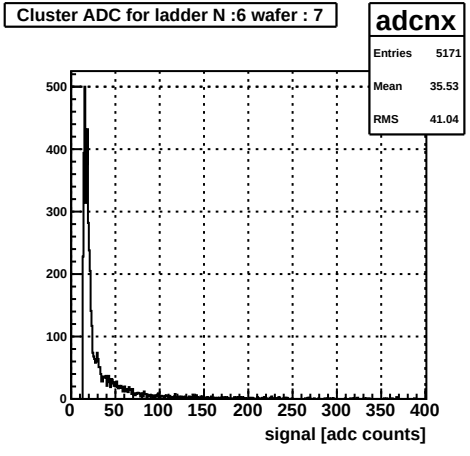

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2142
Mean 51.15
RMS 44.69
signal [adc counts]

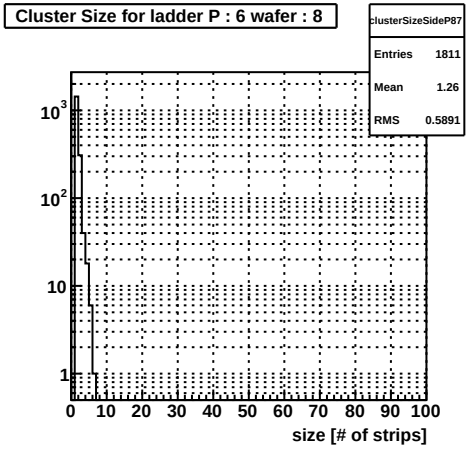

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26629
Mean 1.056
RMS 0.2641
size [# of strips]

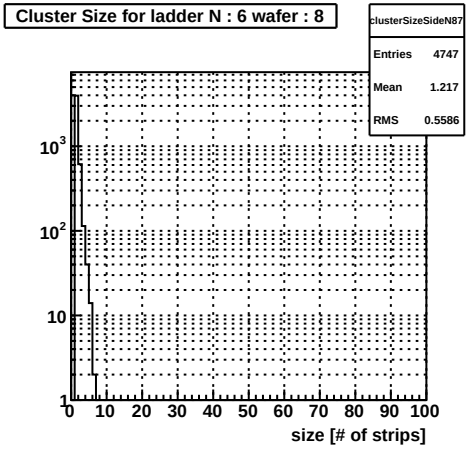

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5171
Mean 1.298
RMS 0.7241
size [# of strips]

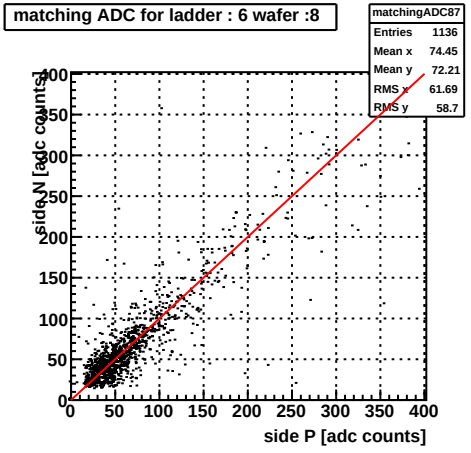

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1112
Mean x 59.88
Mean y 52.33
RMS x 59.8
RMS y 52.13
side N [adc counts]
side P [adc counts]

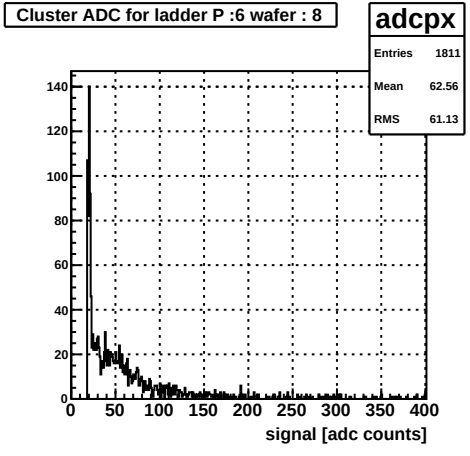

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26629
Mean 26.14
RMS 20.95
signal [adc counts]

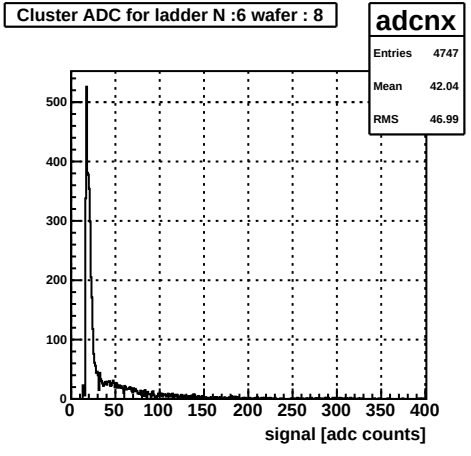

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5171
Mean 35.53
RMS 41.04
signal [adc counts]

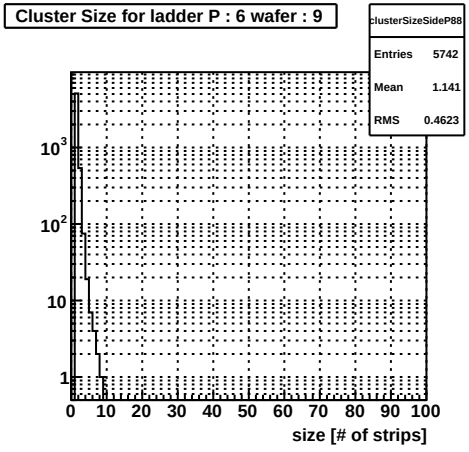

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1811
Mean 1.26
RMS 0.5891
size [# of strips]

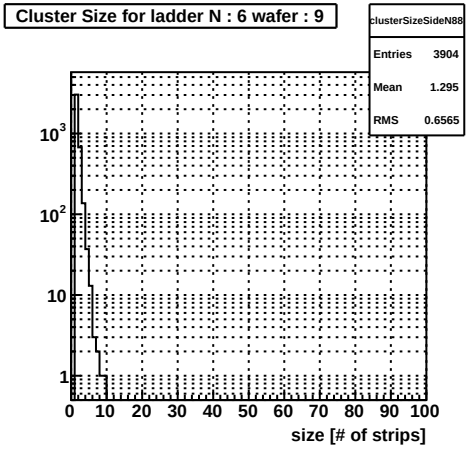

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4747
Mean 1.217
RMS 0.5586
size [# of strips]

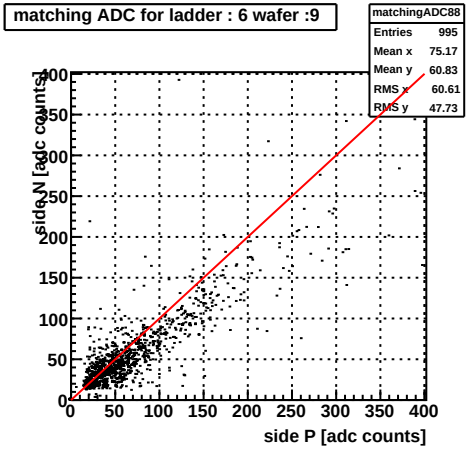

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1136
Mean x 74.45
Mean y 72.21
RMS x 61.69
RMS y 58.7
side N [adc counts]
side P [adc counts]

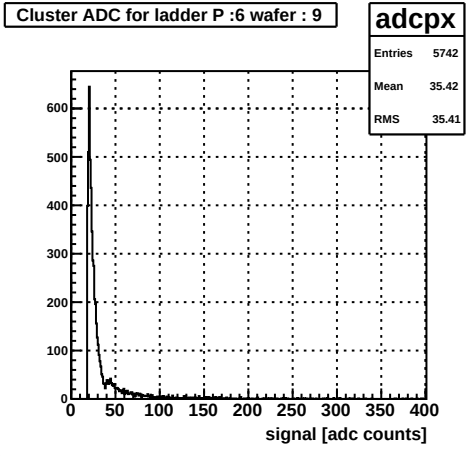

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1811
Mean 62.56
RMS 61.13
signal [adc counts]

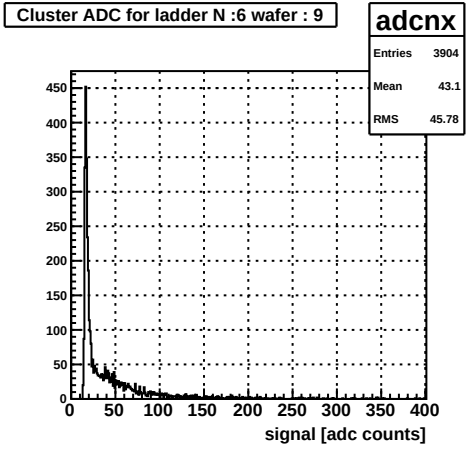

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4747
Mean 42.04
RMS 46.99
signal [adc counts]

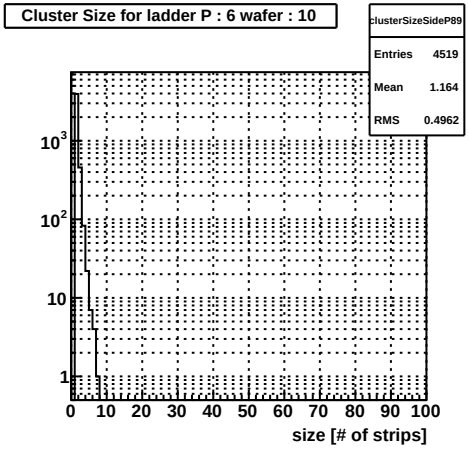

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5742
Mean 1.141
RMS 0.4623
size [# of strips]

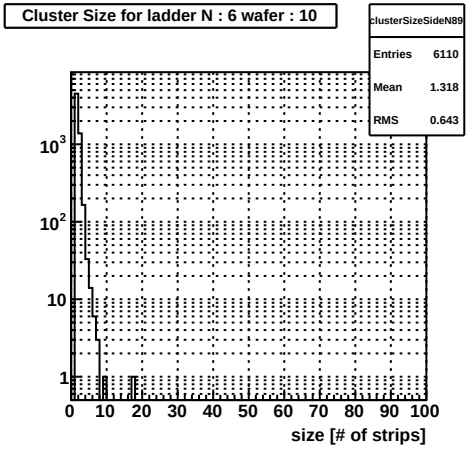

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3904
Mean 1.295
RMS 0.6565
size [# of strips]

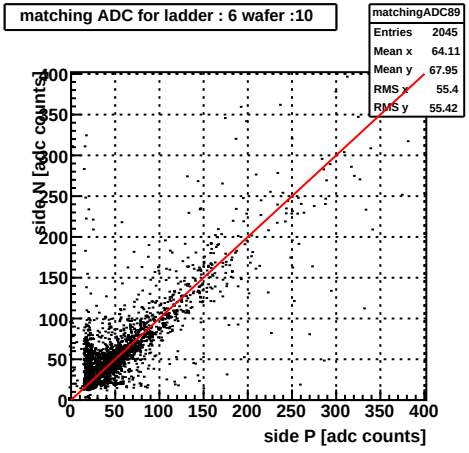

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 995
Mean x 75.17
Mean y 60.83
RMS x 60.61
RMS y 47.73
side N [adc counts]
side P [adc counts]

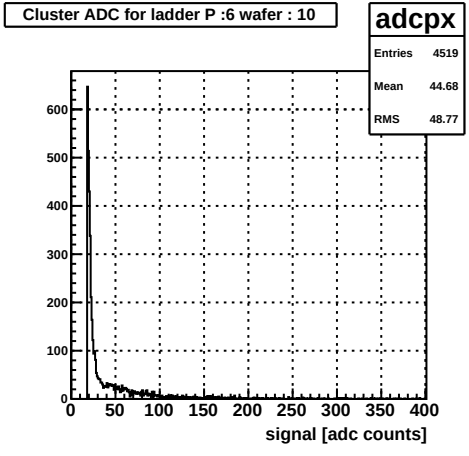

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5742
Mean 35.42
RMS 35.41
signal [adc counts]

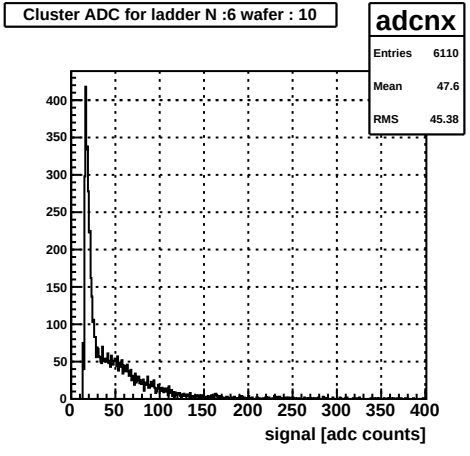

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3904
Mean 43.1
RMS 45.78
signal [adc counts]

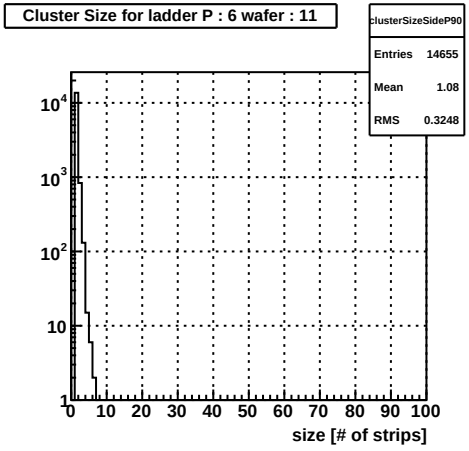

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4519
Mean 1.164
RMS 0.4962
size [# of strips]

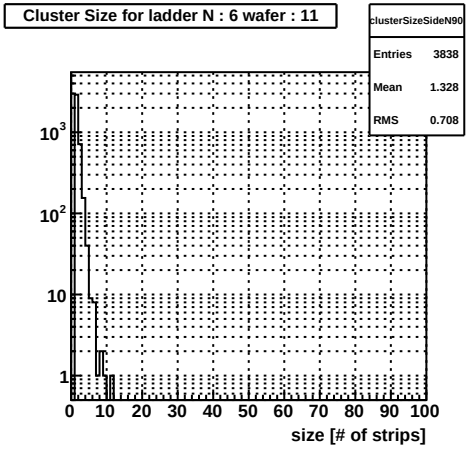

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6110
Mean 1.318
RMS 0.643
size [# of strips]

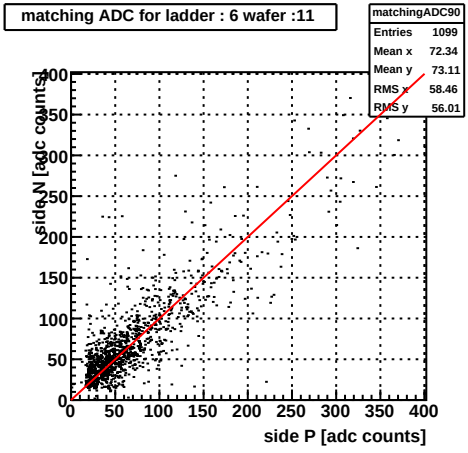

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2045
Mean x 64.11
Mean y 67.95
RMS x 55.4
RMS y 55.42
side N [adc counts]
side P [adc counts]

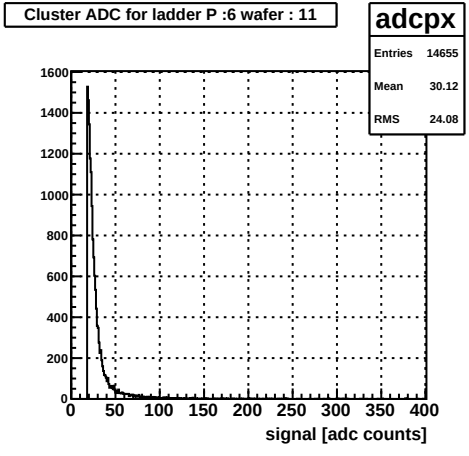

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4519
Mean 44.68
RMS 48.77
signal [adc counts]

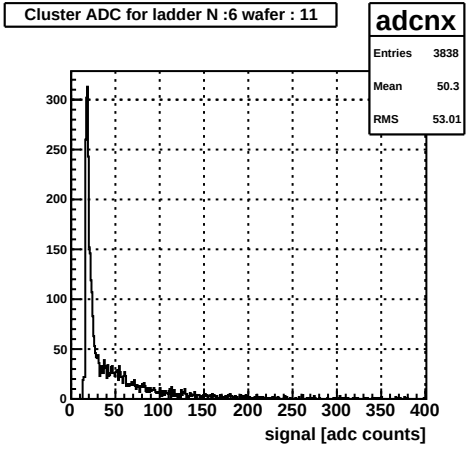

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6110
Mean 47.6
RMS 45.38
signal [adc counts]

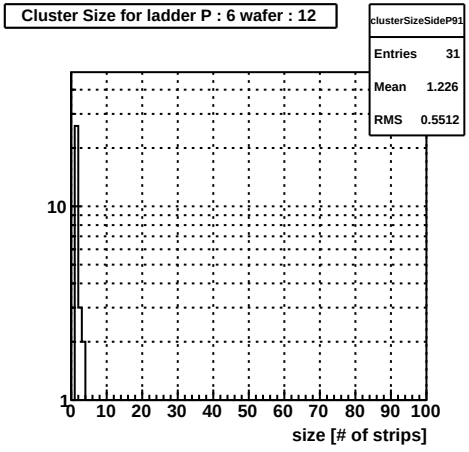

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14655
Mean 1.08
RMS 0.3248
size [# of strips]

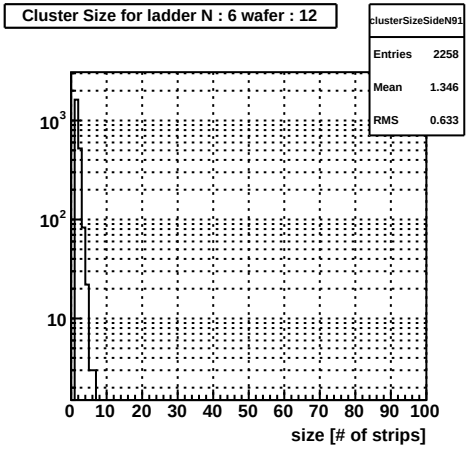

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3838
Mean 1.328
RMS 0.708
size [# of strips]

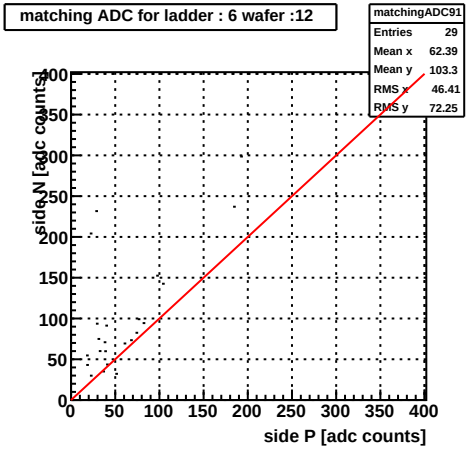

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1099
Mean x 72.34
Mean y 73.11
RMS x 58.46
RMS y 56.01
side N [adc counts]
side P [adc counts]

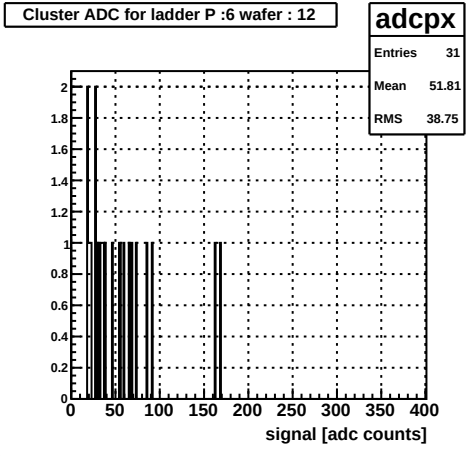

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14655
Mean 30.12
RMS 24.08
signal [adc counts]

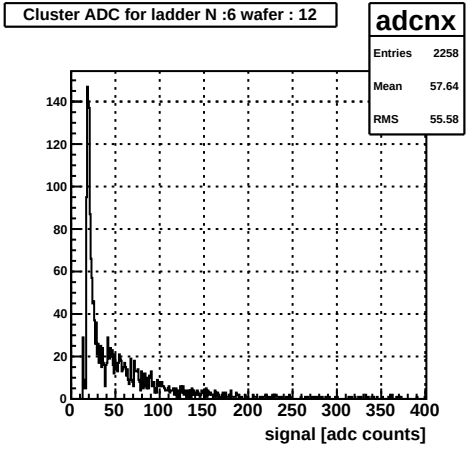

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3838
Mean 50.3
RMS 53.01
signal [adc counts]

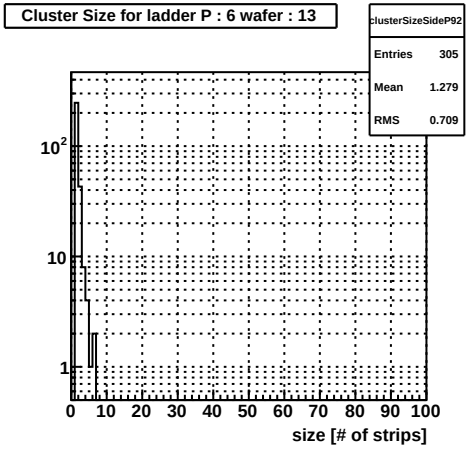

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 31
Mean 1.226
RMS 0.5512
size [# of strips]

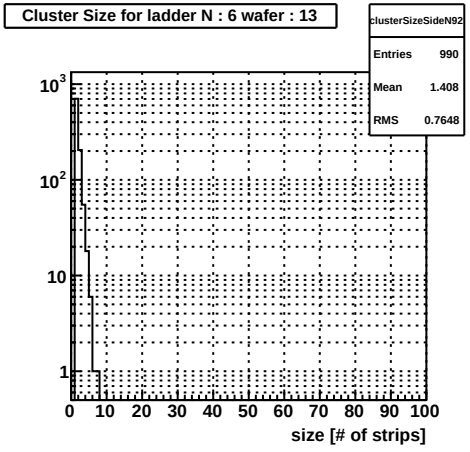

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2258
Mean 1.346
RMS 0.633
size [# of strips]

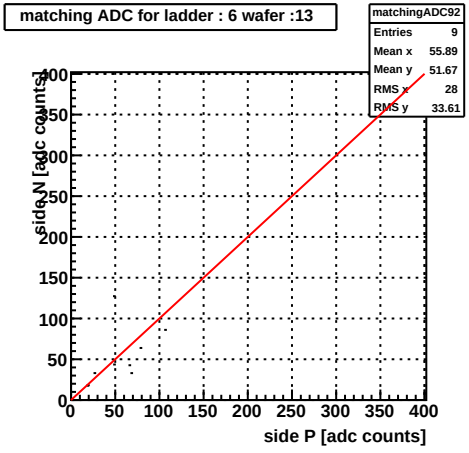

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 29
Mean x 62.39
Mean y 103.3
RMS x 46.41
RMS y 72.25
side N [adc counts]
side P [adc counts]

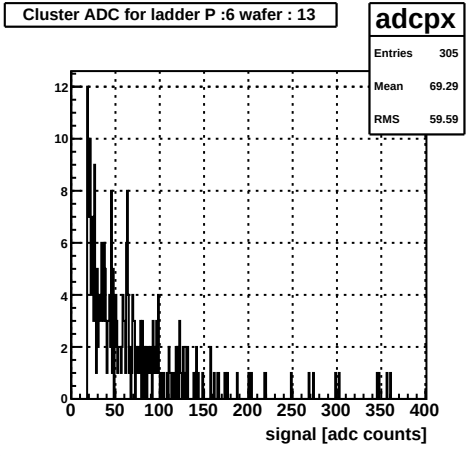

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 31
Mean 51.81
RMS 38.75
signal [adc counts]

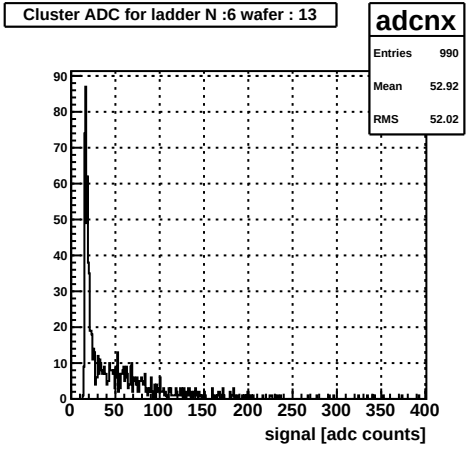

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2258
Mean 57.64
RMS 55.58
signal [adc counts]

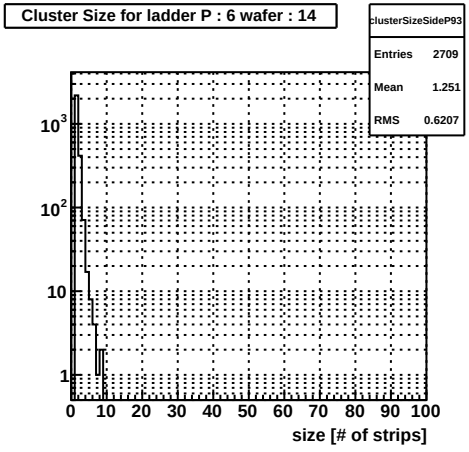

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 305
Mean 1.279
RMS 0.709
size [# of strips]

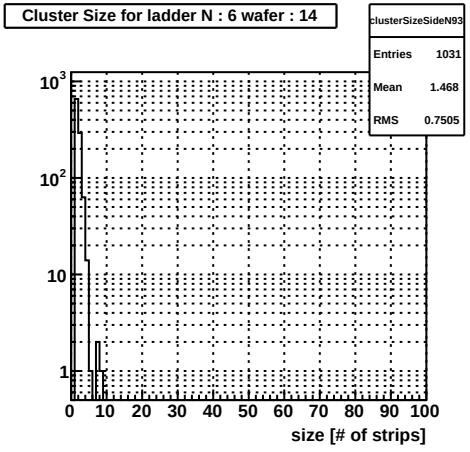

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 990
Mean 1.408
RMS 0.7648
size [# of strips]

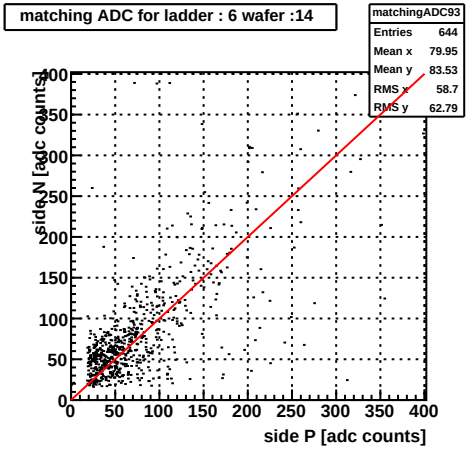

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 9
Mean x 55.89
Mean y 51.67
RMS x 28
RMS y 33.61
side N [adc counts]
side P [adc counts]

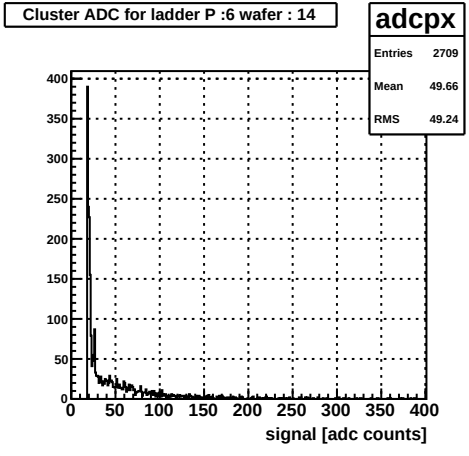

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 305
Mean 69.29
RMS 59.59
signal [adc counts]

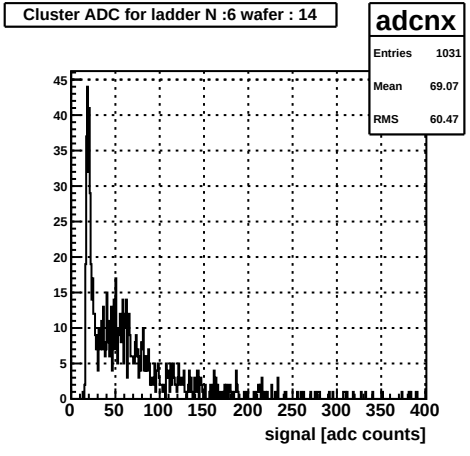

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 990
Mean 52.92
RMS 52.02
signal [adc counts]

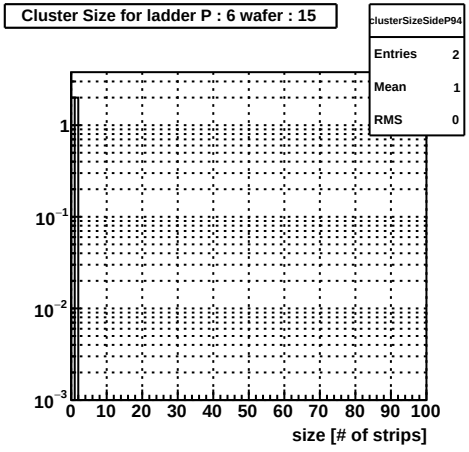

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2709
Mean 1.251
RMS 0.6207
size [# of strips]

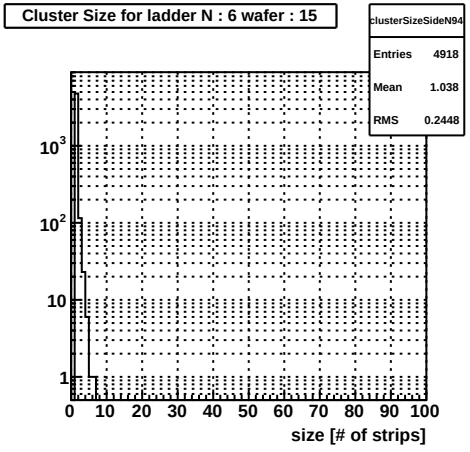

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1031
Mean 1.468
RMS 0.7505
size [# of strips]

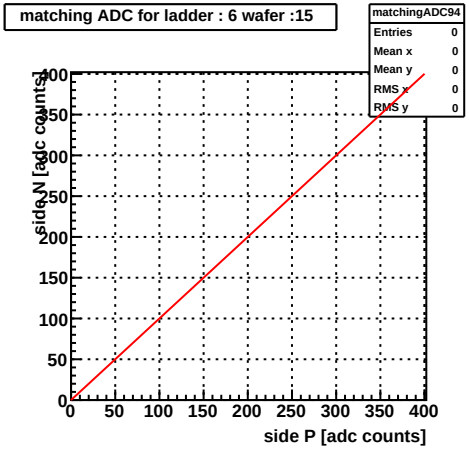

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 644
Mean x 79.95
Mean y 83.53
RMS x 58.7
RMS y 62.79
side N [adc counts]
side P [adc counts]

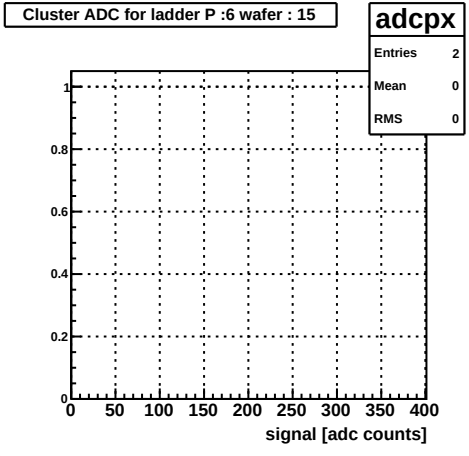

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2709
Mean 49.66
RMS 49.24
signal [adc counts]

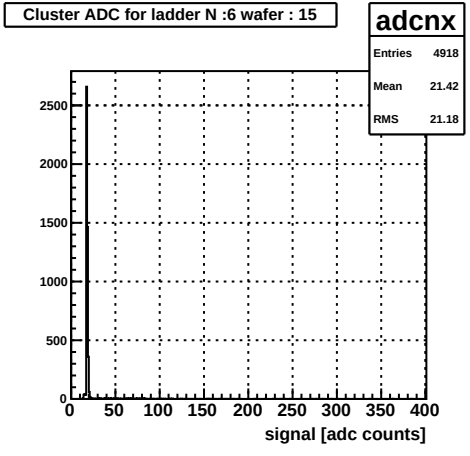

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1031
Mean 69.07
RMS 60.47
signal [adc counts]

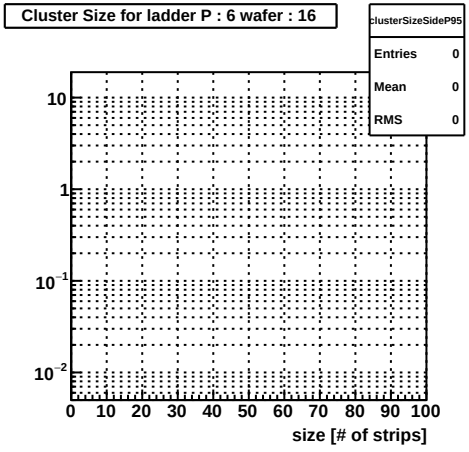

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

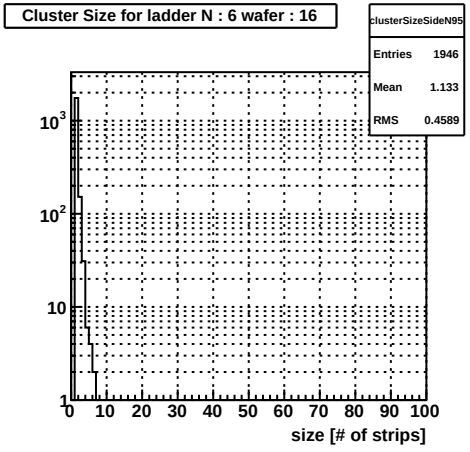

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4918
Mean 1.038
RMS 0.2448
size [# of strips]

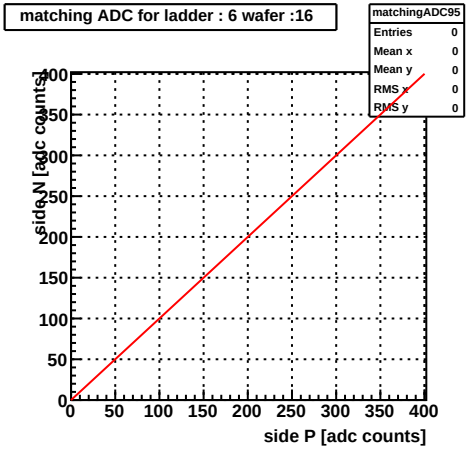

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

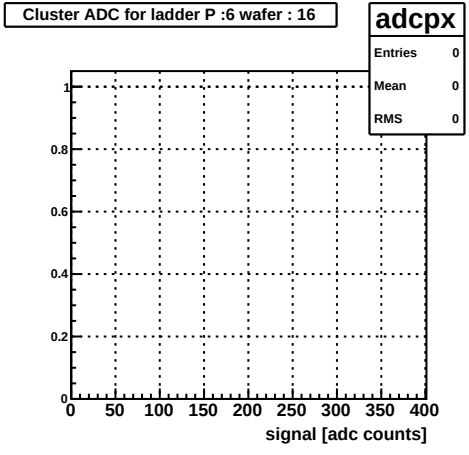

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

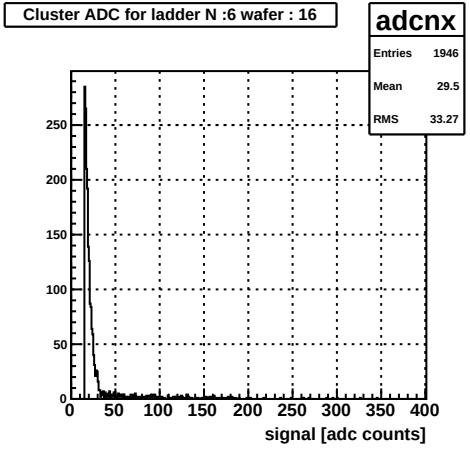

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4918
Mean 21.42
RMS 21.18
signal [adc counts]

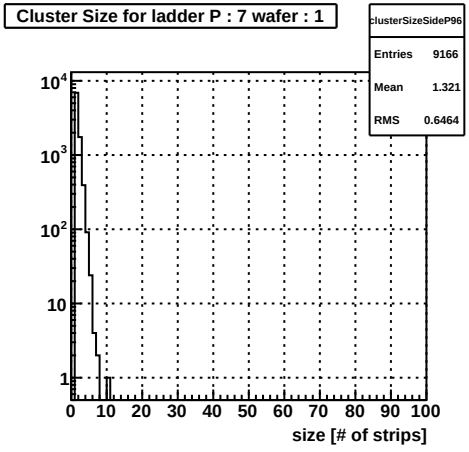

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

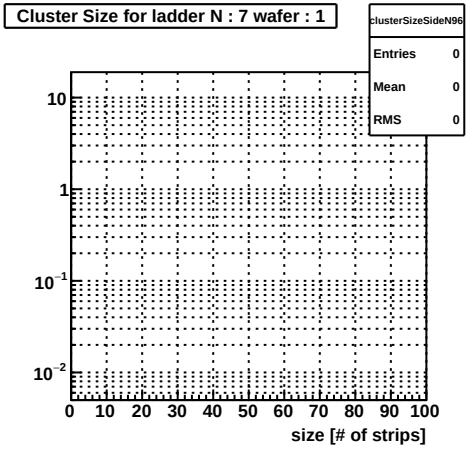

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1946
Mean 1.133
RMS 0.4589
size [# of strips]

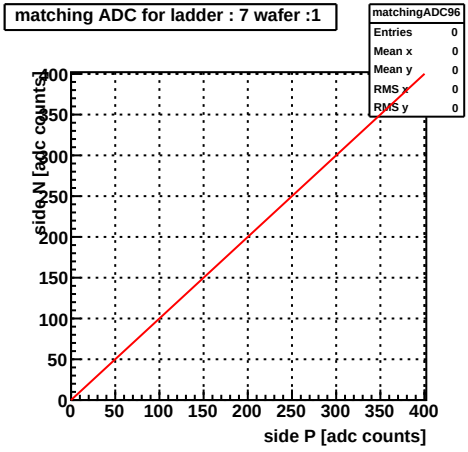

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

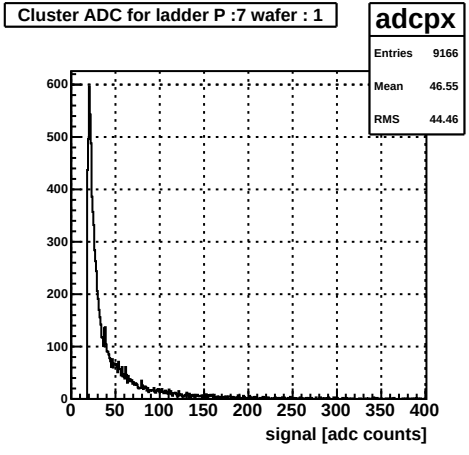

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

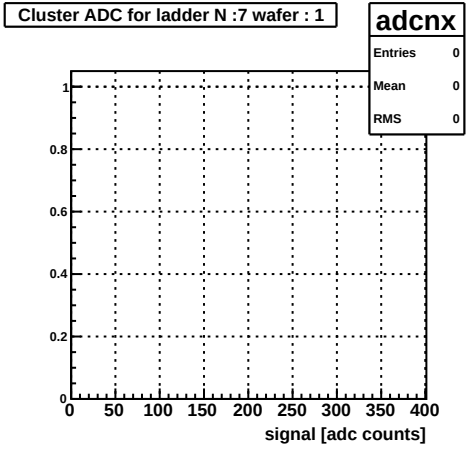

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1946
Mean 29.5
RMS 33.27
signal [adc counts]

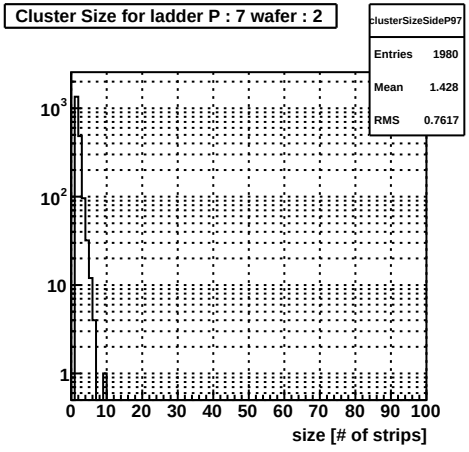

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9166
Mean 1.321
RMS 0.6464
size [# of strips]

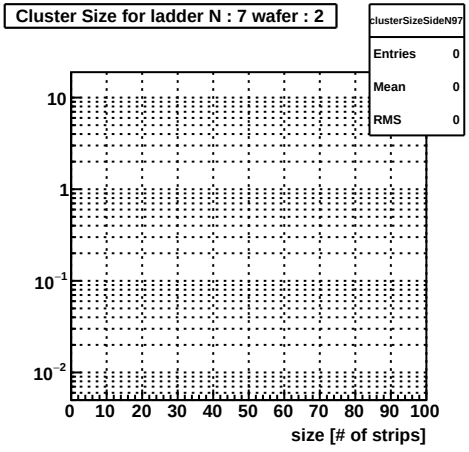

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

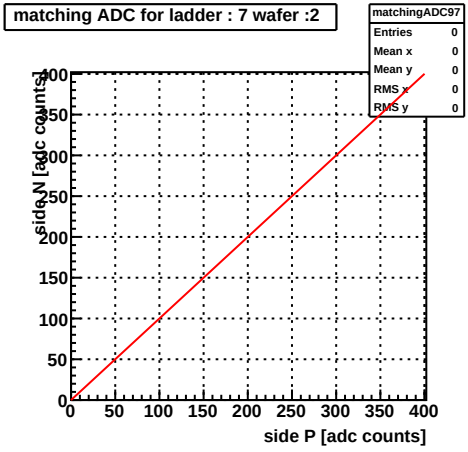

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

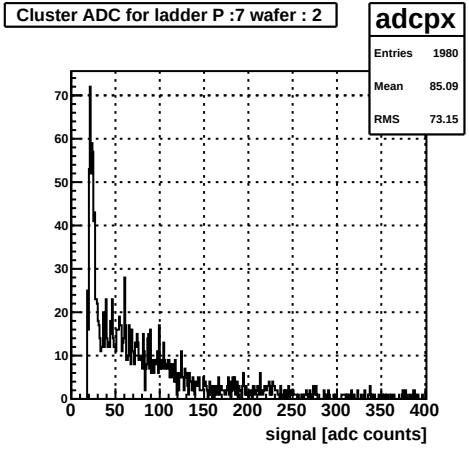

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9166
Mean 46.55
RMS 44.46
signal [adc counts]

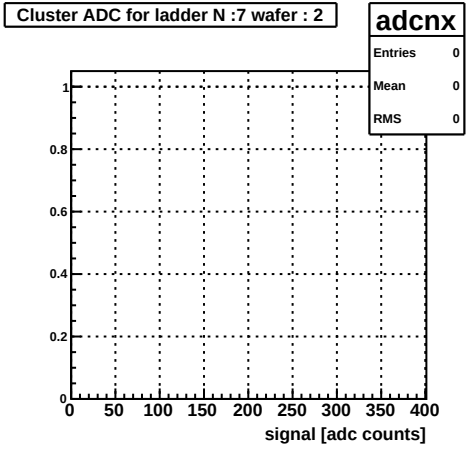

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

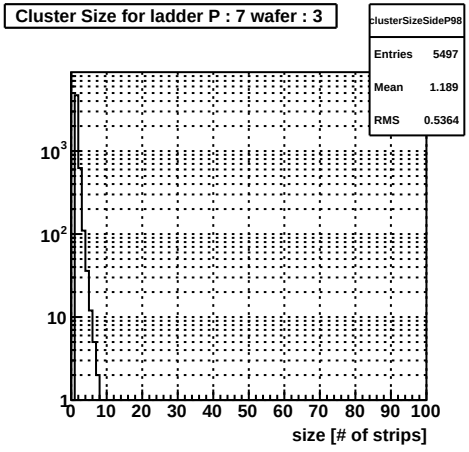

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1980
Mean 1.428
RMS 0.7617
size [# of strips]

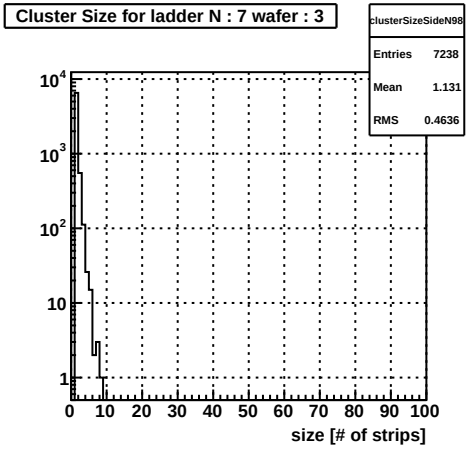

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

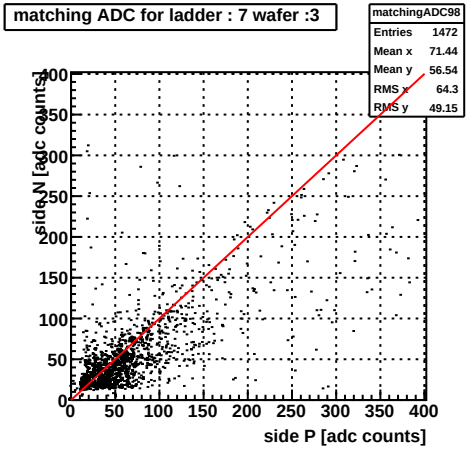

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

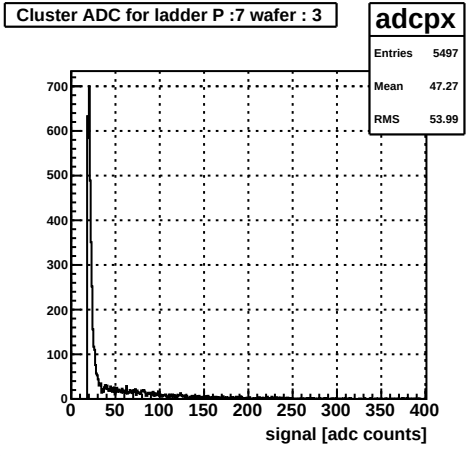

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1980
Mean 85.09
RMS 73.15
signal [adc counts]

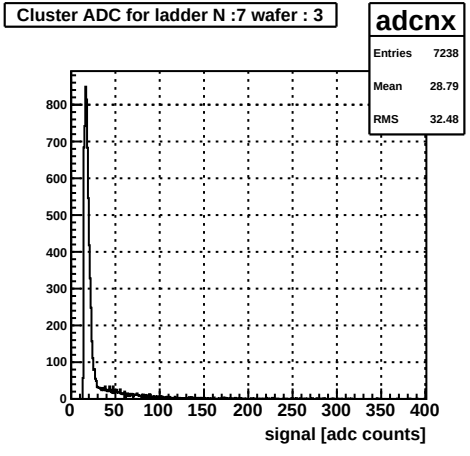

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

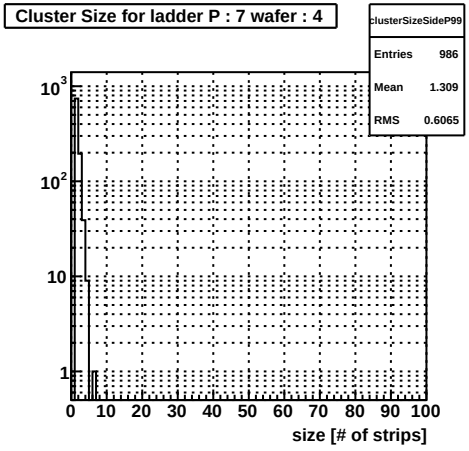

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5497
Mean 1.189
RMS 0.5364
size [# of strips]

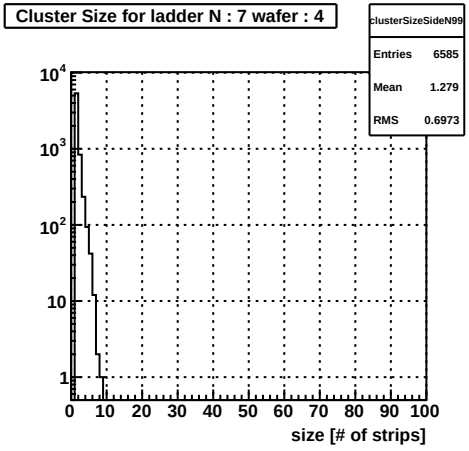

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7238
Mean 1.131
RMS 0.4636
size [# of strips]

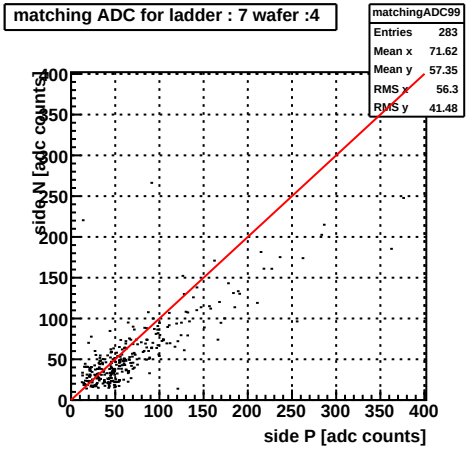

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1472
Mean x 71.44
Mean y 56.54
RMS x 64.3
RMS y 49.15
side N [adc counts]
side P [adc counts]

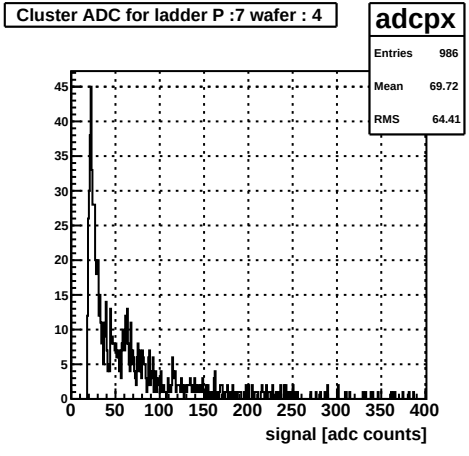

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5497
Mean 47.27
RMS 53.99
signal [adc counts]

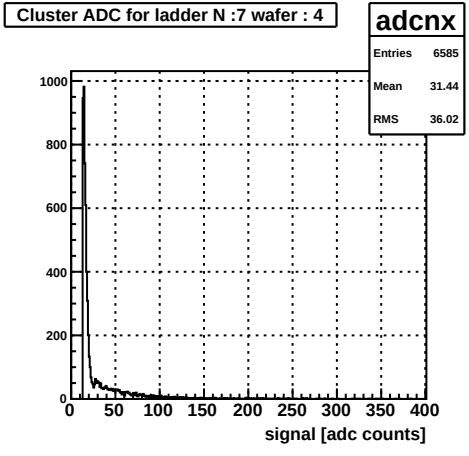

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7238
Mean 28.79
RMS 32.48
signal [adc counts]

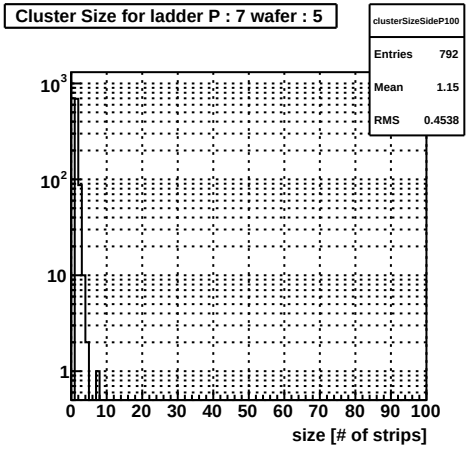

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 986
Mean 1.309
RMS 0.6065
size [# of strips]

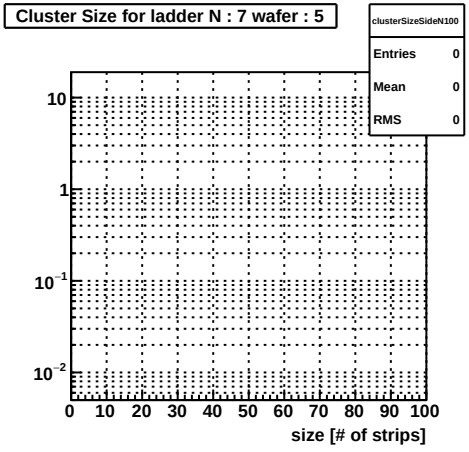

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6585
Mean 1.279
RMS 0.6973
size [# of strips]

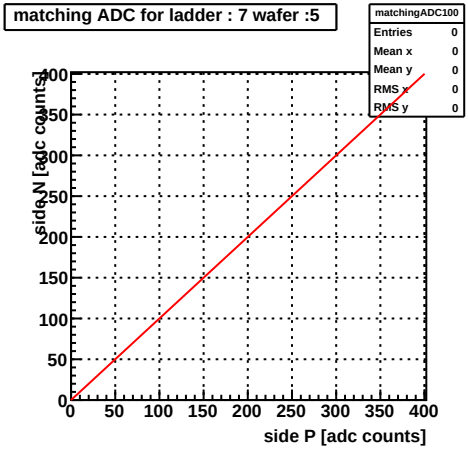

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 283
Mean x 71.62
Mean y 57.35
RMS x 56.3
RMS y 41.48
side N [adc counts]
side P [adc counts]

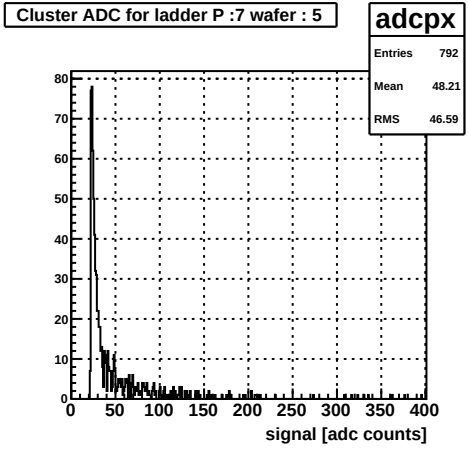

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 986
Mean 69.72
RMS 64.41
signal [adc counts]

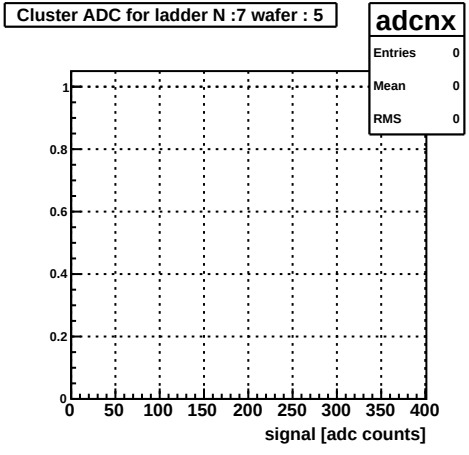

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6585
Mean 31.44
RMS 36.02
signal [adc counts]

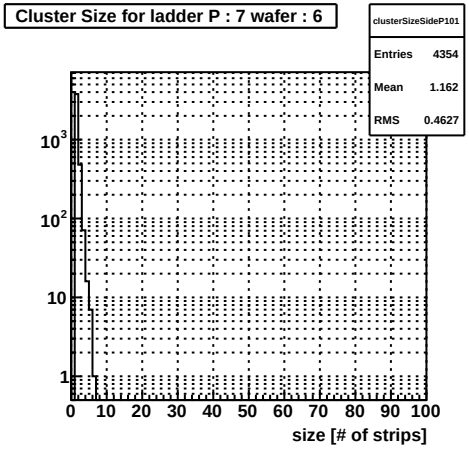

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 792
Mean 1.15
RMS 0.4538
size [# of strips]

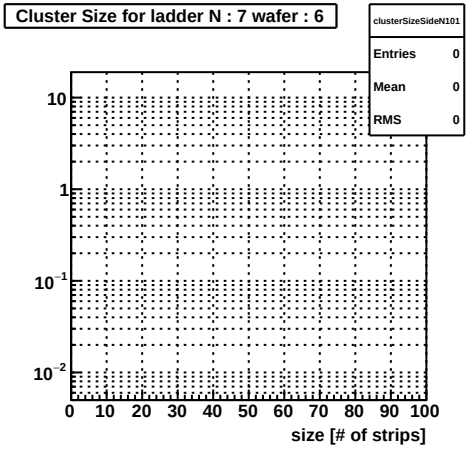

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

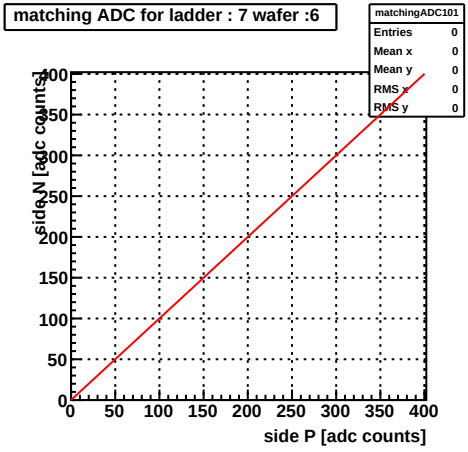

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

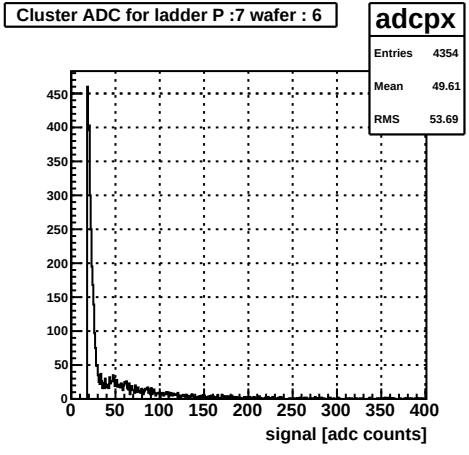

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 792
Mean 48.21
RMS 46.59
signal [adc counts]

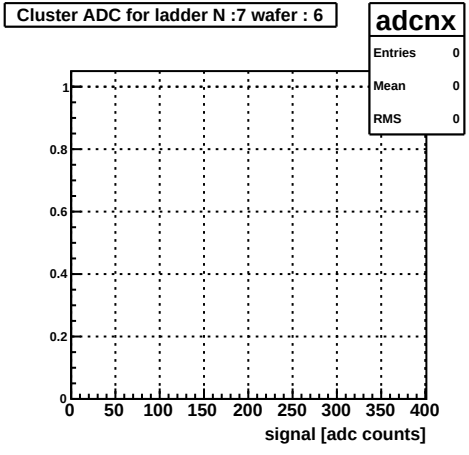

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

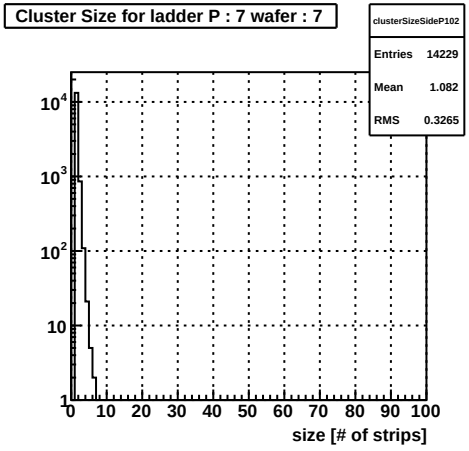

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4354
Mean 1.162
RMS 0.4627
size [# of strips]

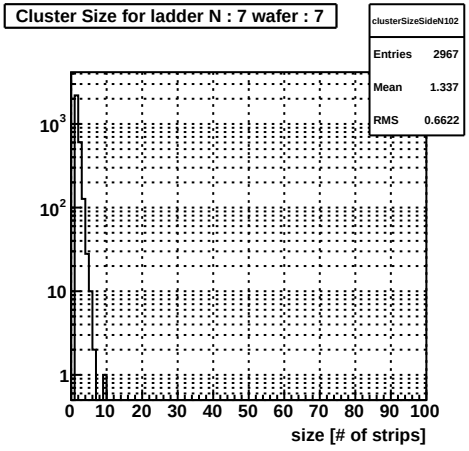

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

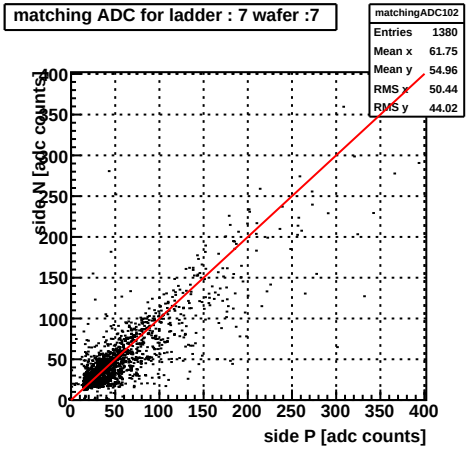

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

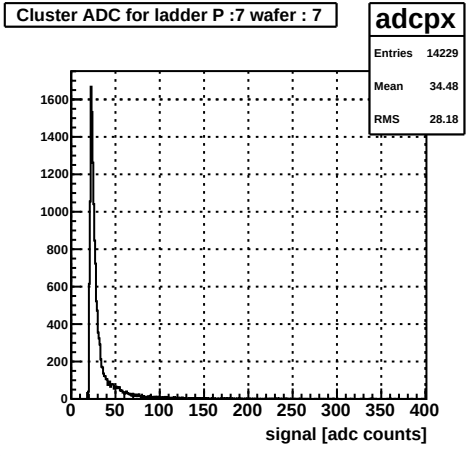

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4354
Mean 49.61
RMS 53.69
signal [adc counts]

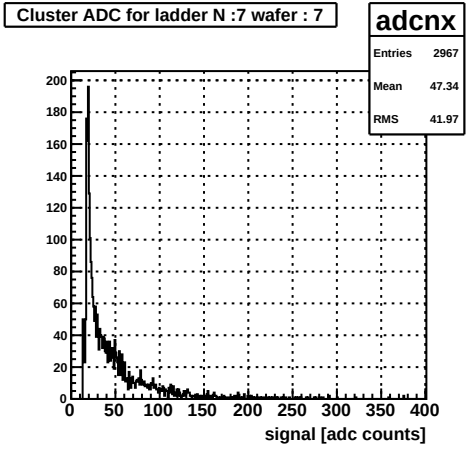

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

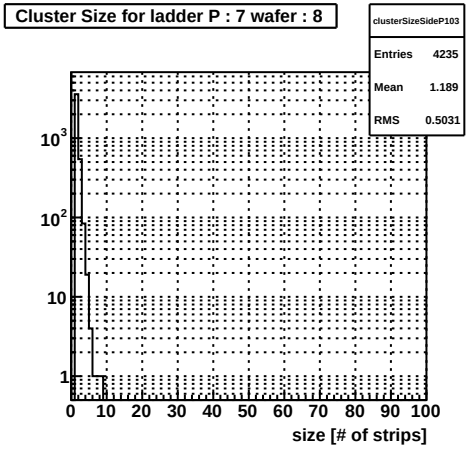

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14229
Mean 1.082
RMS 0.3265
size [# of strips]

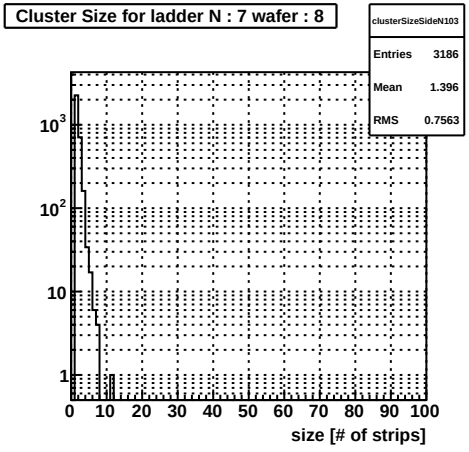

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2967
Mean 1.337
RMS 0.6622
size [# of strips]

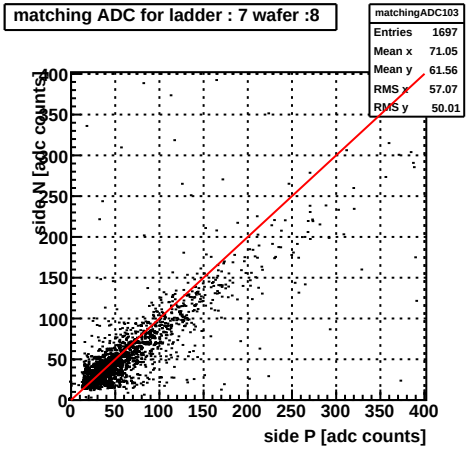

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1380
Mean x 61.75
Mean y 54.96
RMS x 50.44
RMS y 44.02
side N [adc counts]
side P [adc counts]

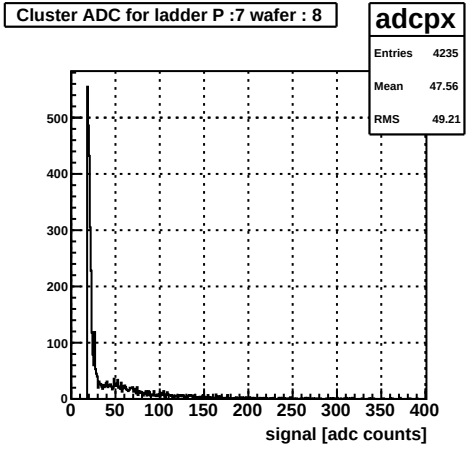

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14229
Mean 34.48
RMS 28.18
signal [adc counts]

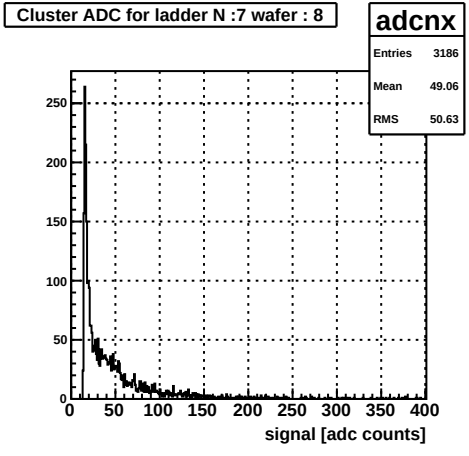

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2967
Mean 47.34
RMS 41.97
signal [adc counts]

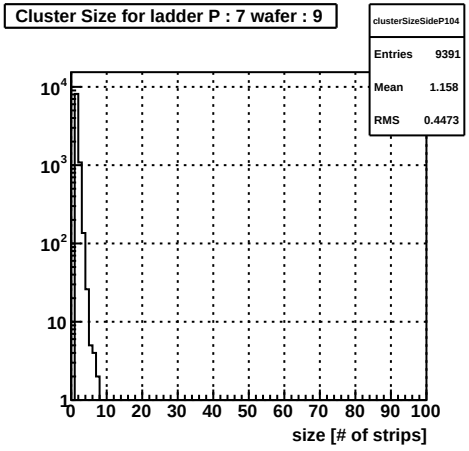

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4235
Mean 1.189
RMS 0.5031
size [# of strips]

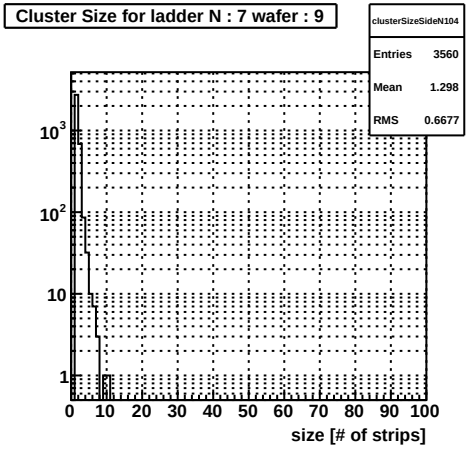

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3186
Mean 1.396
RMS 0.7563
size [# of strips]

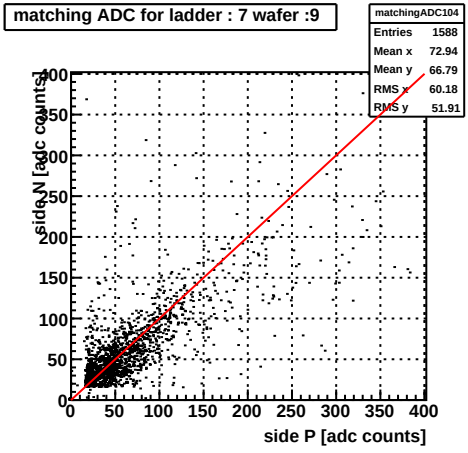

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1697
Mean x 71.05
Mean y 61.56
RMS x 57.07
RMS y 50.01
side N [adc counts]
side P [adc counts]

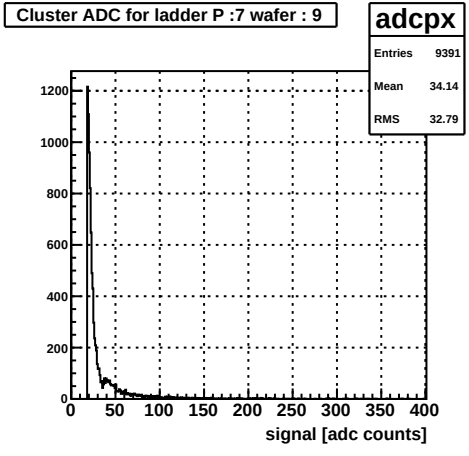

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4235
Mean 47.56
RMS 49.21
signal [adc counts]

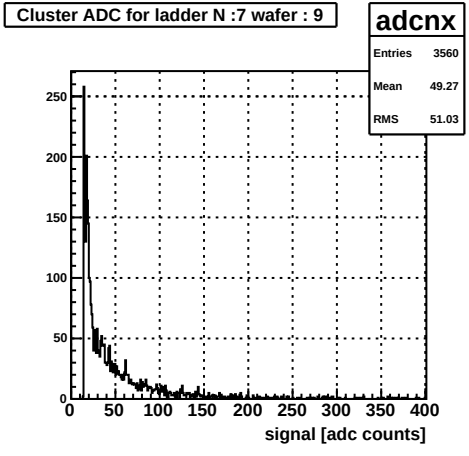

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3186
Mean 49.06
RMS 50.63
signal [adc counts]

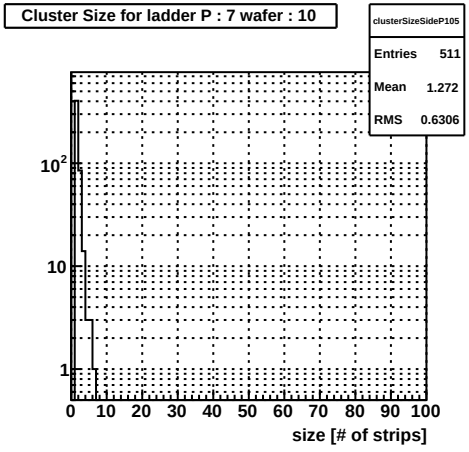

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 9391
Mean 1.158
RMS 0.4473
size [# of strips]

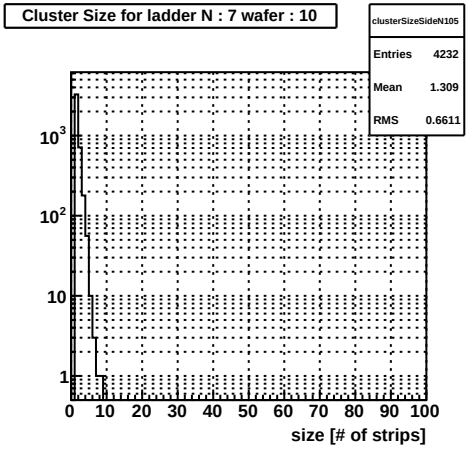

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3560
Mean 1.298
RMS 0.6677
size [# of strips]

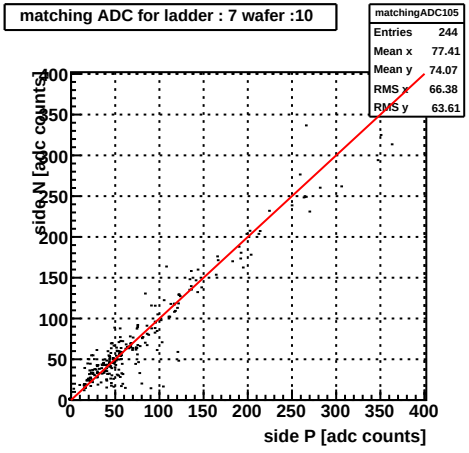

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1588
Mean x 72.94
Mean y 66.79
RMS x 60.18
RMS y 51.91
side N [adc counts]
side P [adc counts]

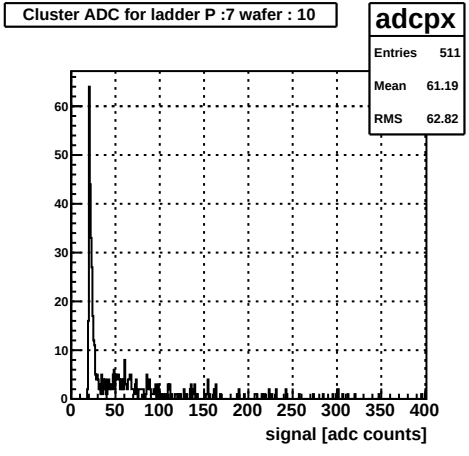

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 9391
Mean 34.14
RMS 32.79
signal [adc counts]

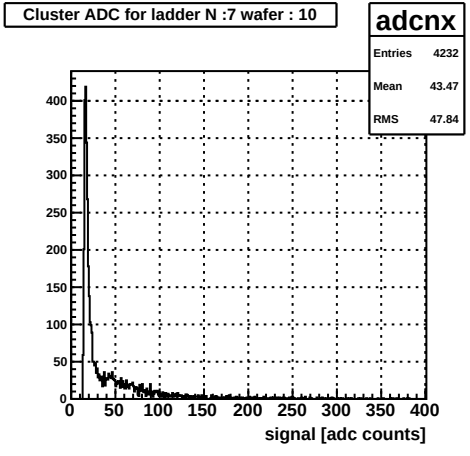

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3560
Mean 49.27
RMS 51.03
signal [adc counts]

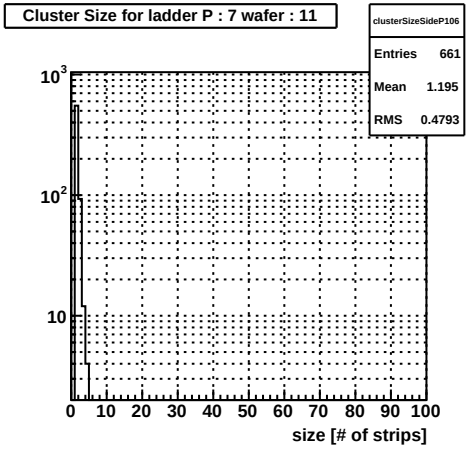

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 511
Mean 1.272
RMS 0.6306
size [# of strips]

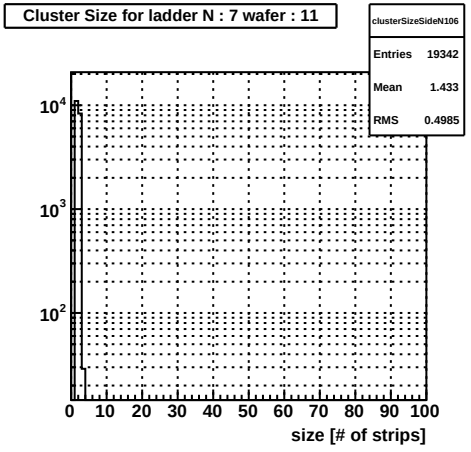

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4232
Mean 1.309
RMS 0.6611
size [# of strips]

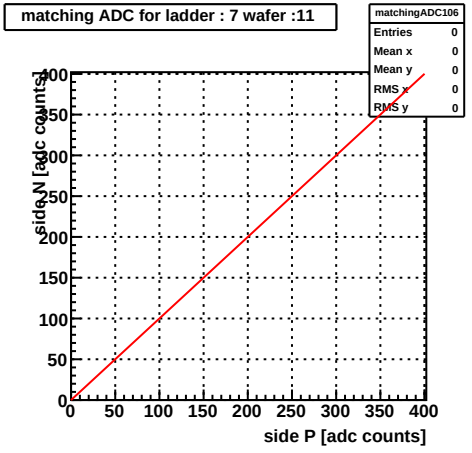

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 244
Mean x 77.41
Mean y 74.07
RMS x 66.38
RMS y 63.61
side N [adc counts]
side P [adc counts]

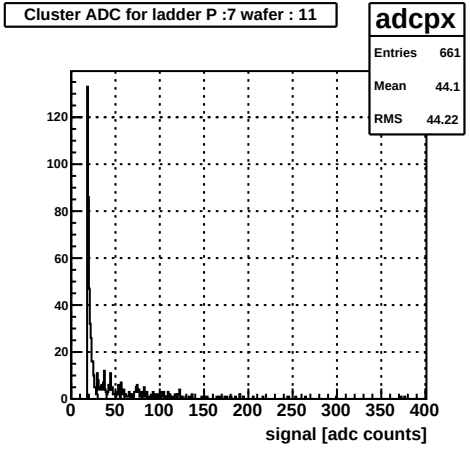

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 511
Mean 61.19
RMS 62.82
signal [adc counts]

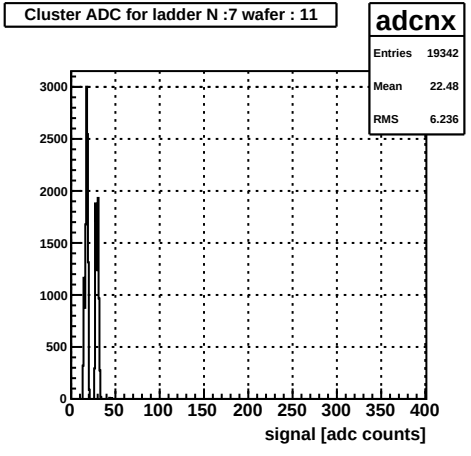

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4232
Mean 43.47
RMS 47.84
signal [adc counts]

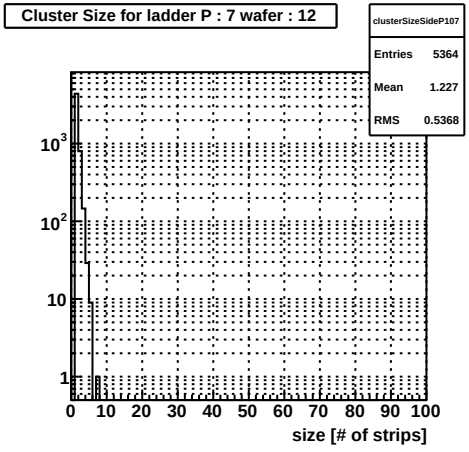

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 661
Mean 1.195
RMS 0.4793
size [# of strips]

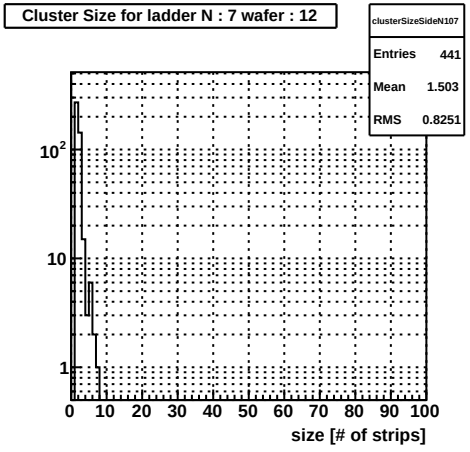

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 19342
Mean 1.433
RMS 0.4985
size [# of strips]

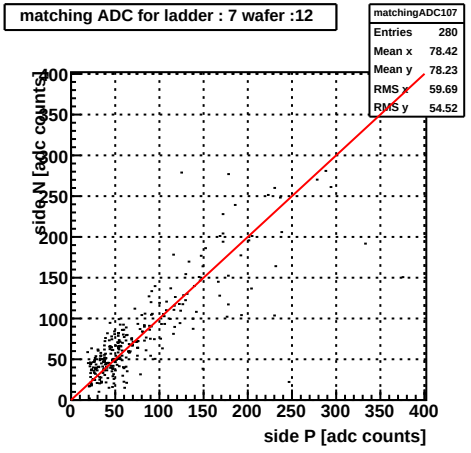

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

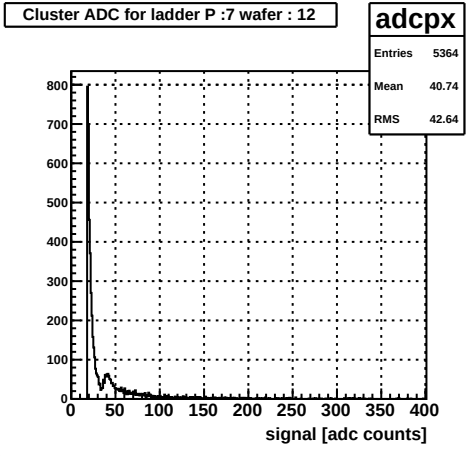

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 661
Mean 44.1
RMS 44.22
signal [adc counts]

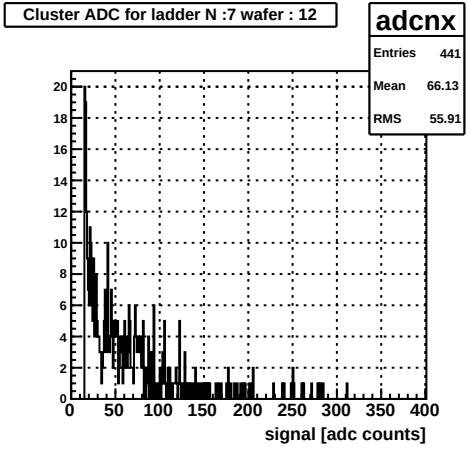

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 19342
Mean 22.48
RMS 6.236
signal [adc counts]

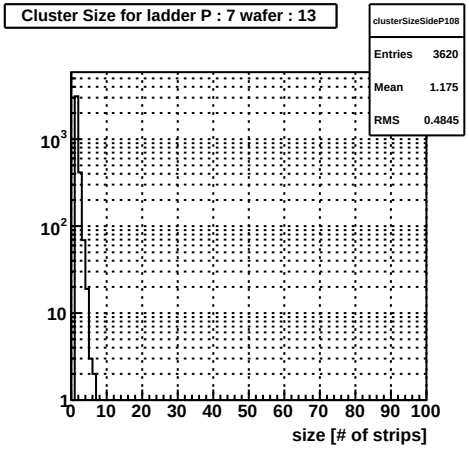

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5364
Mean 1.227
RMS 0.5368
size [# of strips]

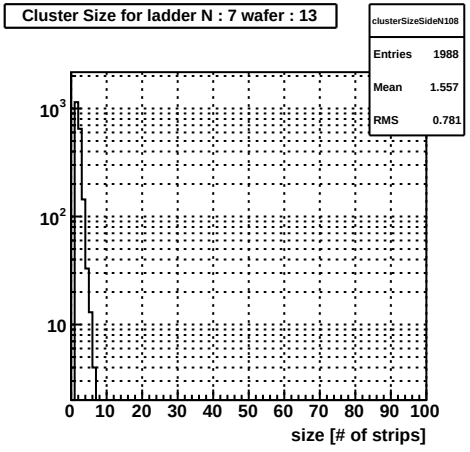

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 441
Mean 1.503
RMS 0.8251
size [# of strips]

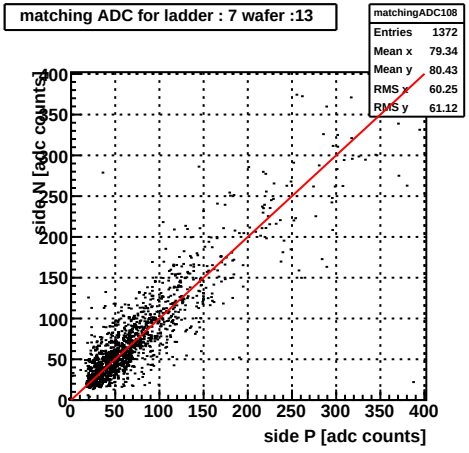

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 280
Mean x 78.42
Mean y 78.23
RMS x 59.69
RMS y 54.52
side N [adc counts]
side P [adc counts]

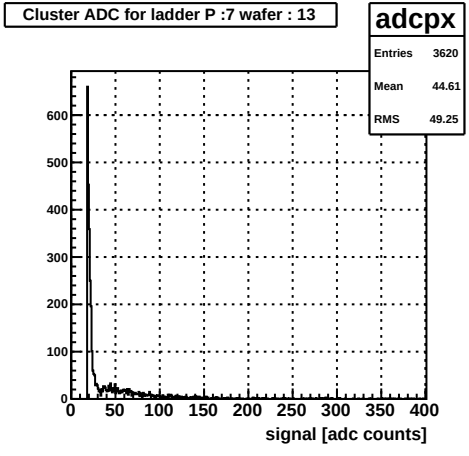

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5364
Mean 40.74
RMS 42.64
signal [adc counts]

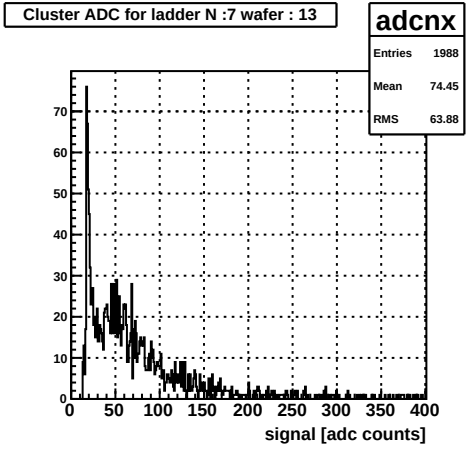

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 441
Mean 66.13
RMS 55.91
signal [adc counts]

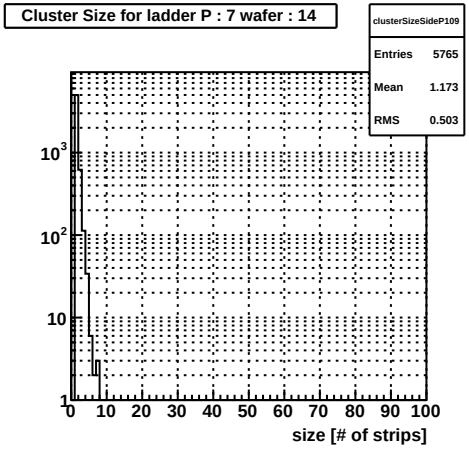

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3620
Mean 1.175
RMS 0.4845
size [# of strips]

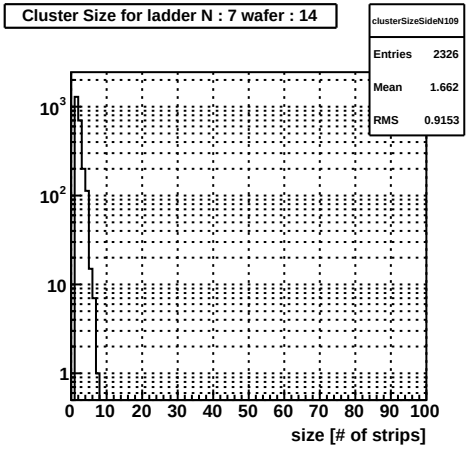

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1988
Mean 1.557
RMS 0.781
size [# of strips]

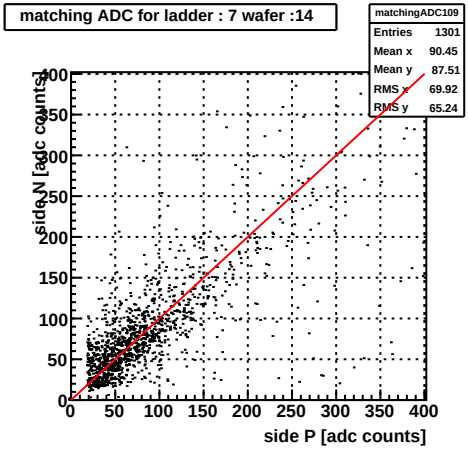

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1372
Mean x 79.34
Mean y 80.43
RMS x 60.25
RMS y 61.12
side N [adc counts]
side P [adc counts]

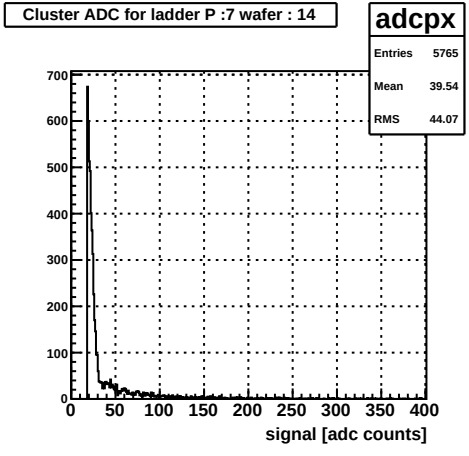

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3620
Mean 44.61
RMS 49.25
signal [adc counts]

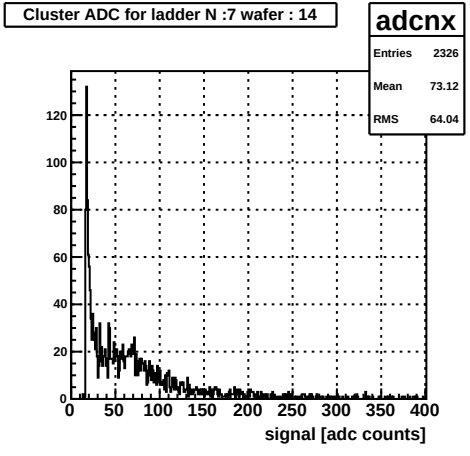

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1988
Mean 74.45
RMS 63.88
signal [adc counts]

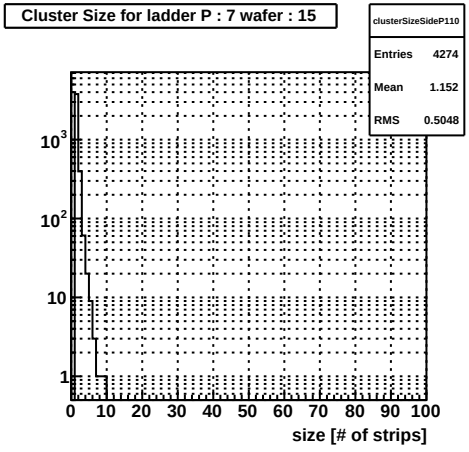

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5765
Mean 1.173
RMS 0.503
size [# of strips]

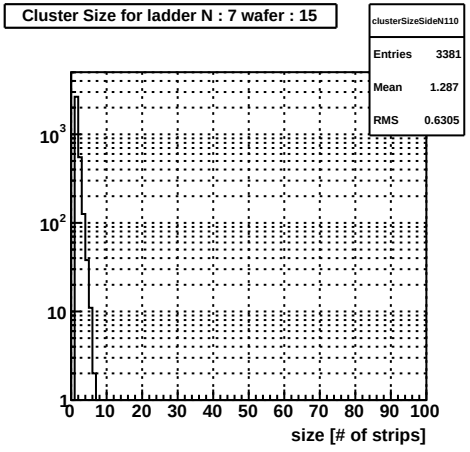

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2326
Mean 1.662
RMS 0.9153
size [# of strips]

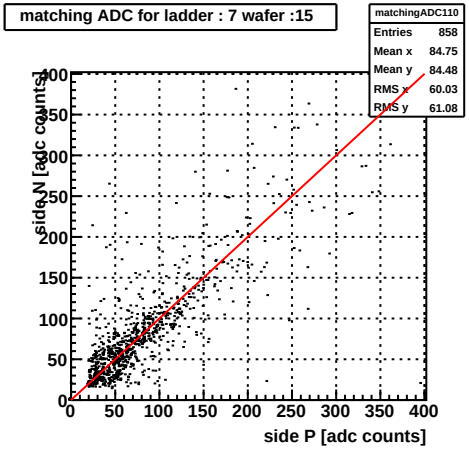

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1301
Mean x 90.45
Mean y 87.51
RMS x 69.92
RMS y 65.24
side N [adc counts]
side P [adc counts]

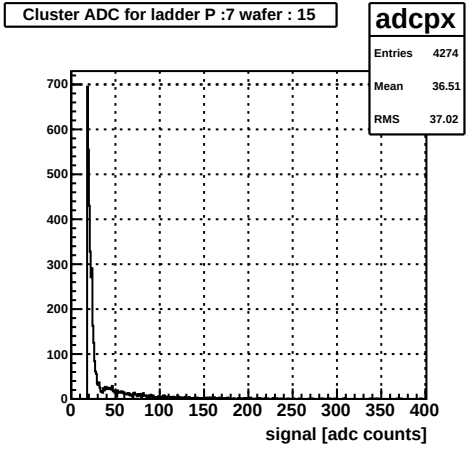

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5765
Mean 39.54
RMS 44.07
signal [adc counts]

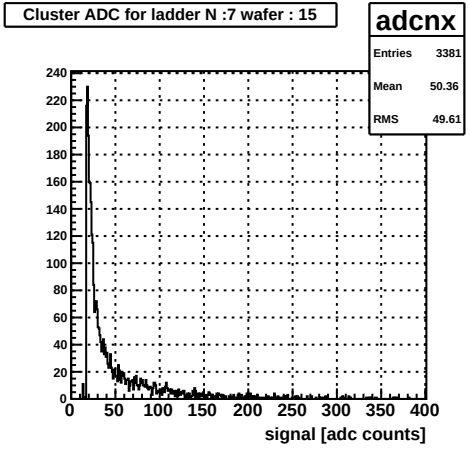

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2326
Mean 73.12
RMS 64.04
signal [adc counts]

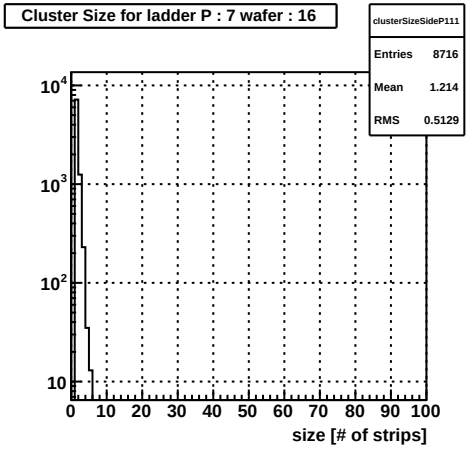

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 4274
Mean 1.152
RMS 0.5048
size [# of strips]

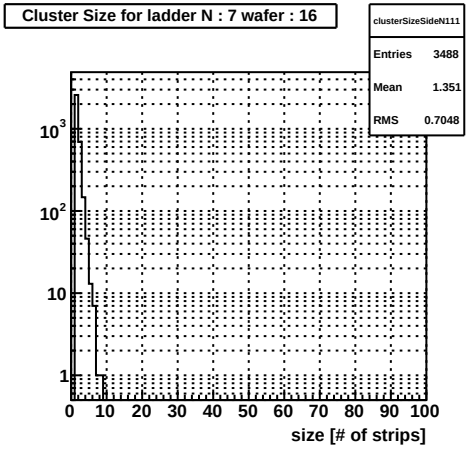

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3381
Mean 1.287
RMS 0.6305
size [# of strips]

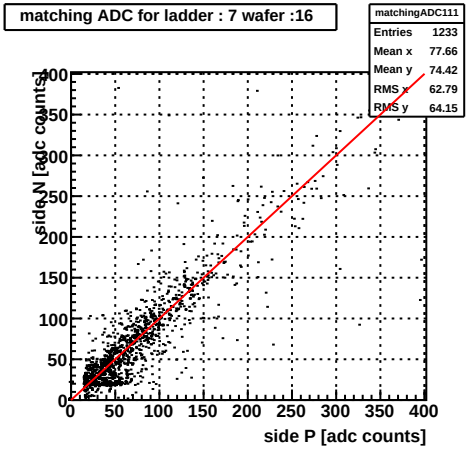

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 858
Mean x 84.75
Mean y 84.48
RMS x 60.03
RMS y 61.08
side N [adc counts]
side P [adc counts]

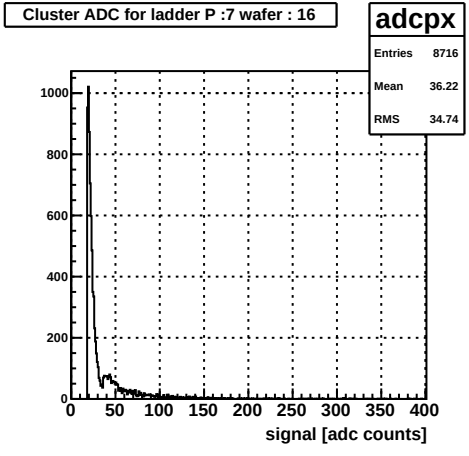

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 4274
Mean 36.51
RMS 37.02
signal [adc counts]

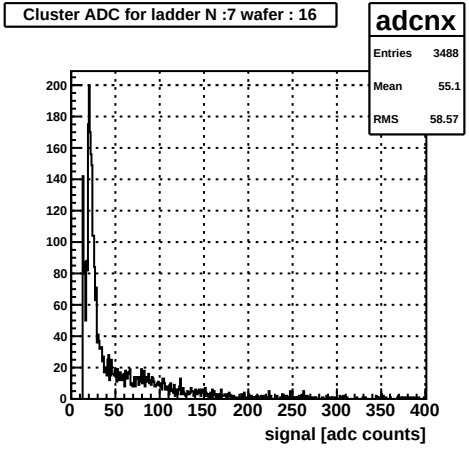

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3381
Mean 50.36
RMS 49.61
signal [adc counts]

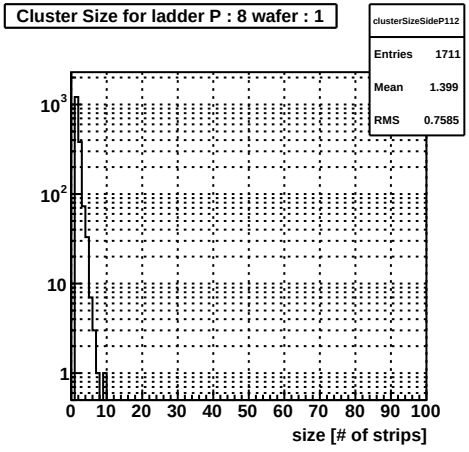

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8716
Mean 1.214
RMS 0.5129
size [# of strips]

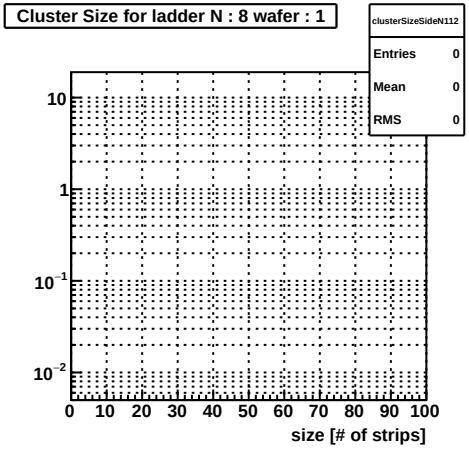

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3488
Mean 1.351
RMS 0.7048
size [# of strips]

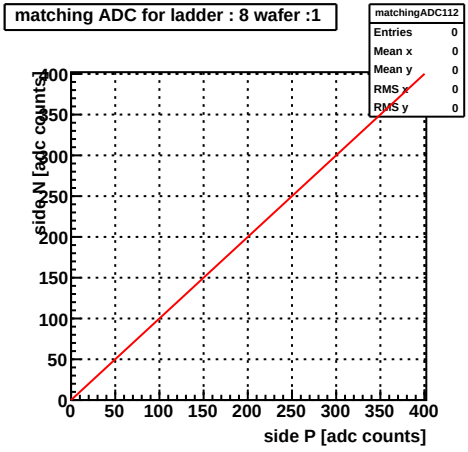

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1233
Mean x 77.66
Mean y 74.42
RMS x 62.79
RMS y 64.15
side N [adc counts]
side P [adc counts]

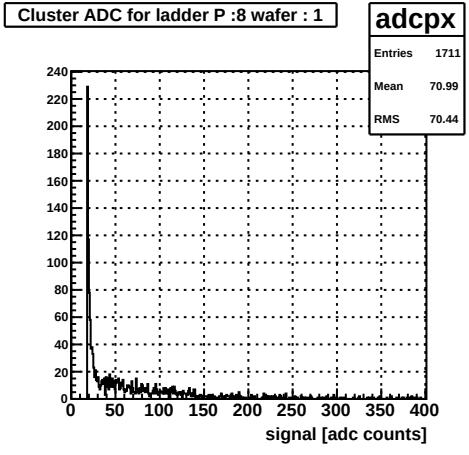

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8716
Mean 36.22
RMS 34.74
signal [adc counts]

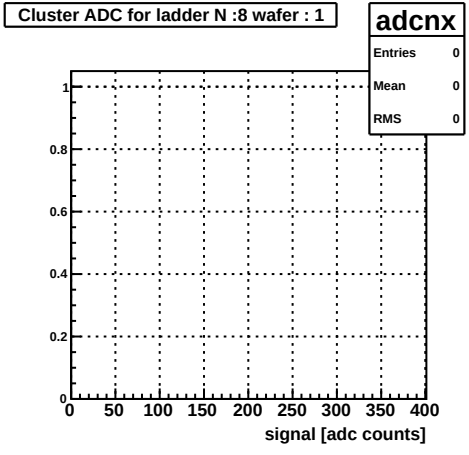

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3488
Mean 55.1
RMS 58.57
signal [adc counts]

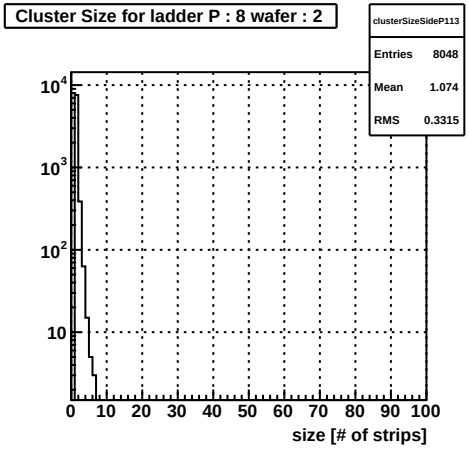

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1711
Mean 1.399
RMS 0.7585
size [# of strips]

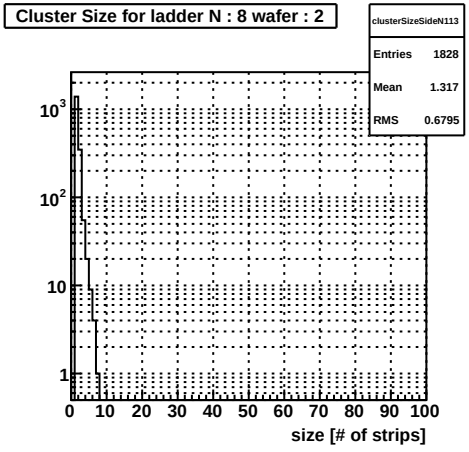

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

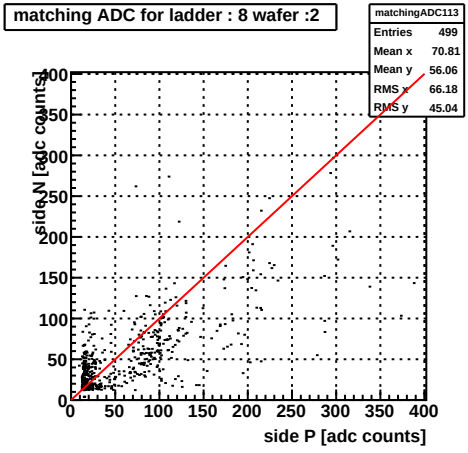

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

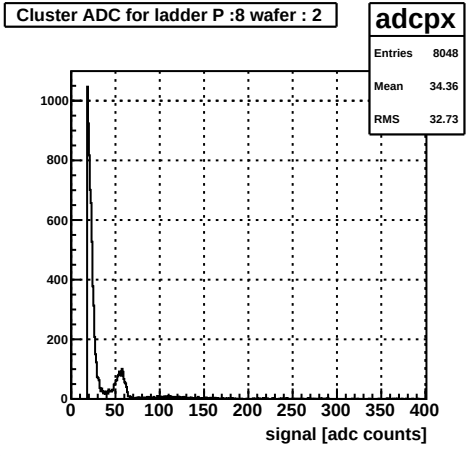

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1711
Mean 70.99
RMS 70.44
signal [adc counts]

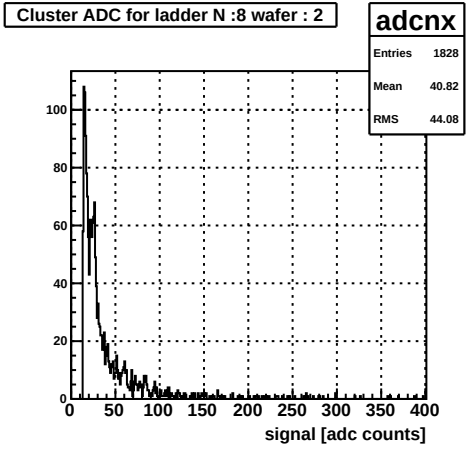

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

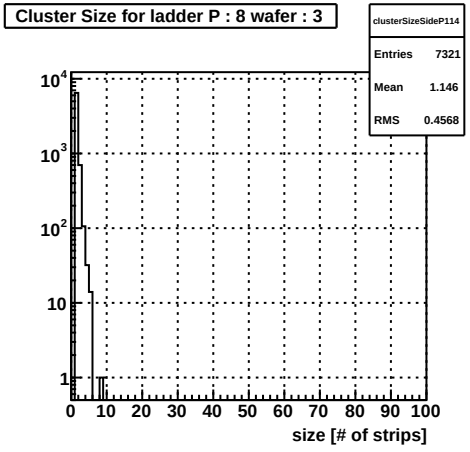

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8048
Mean 1.074
RMS 0.3315
size [# of strips]

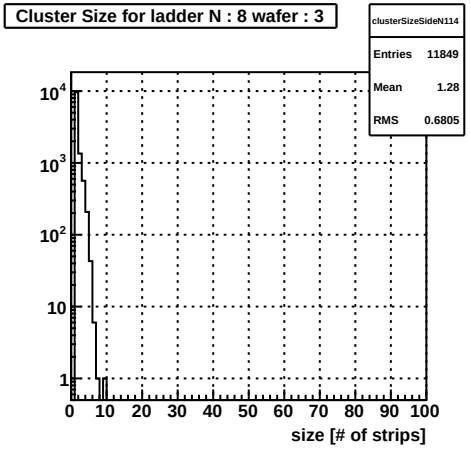

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1828
Mean 1.317
RMS 0.6795
size [# of strips]

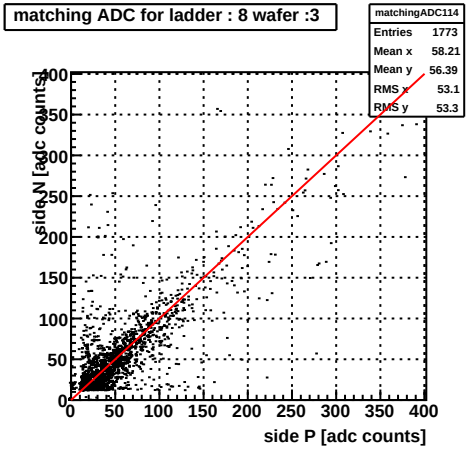

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 499
Mean x 70.81
Mean y 56.06
RMS x 66.18
RMS y 45.04
side N [adc counts]
side P [adc counts]

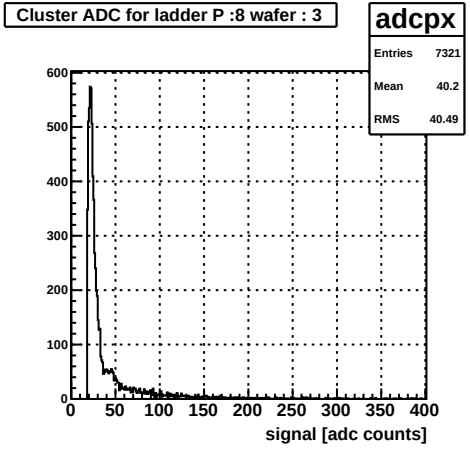

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8048
Mean 34.36
RMS 32.73
signal [adc counts]

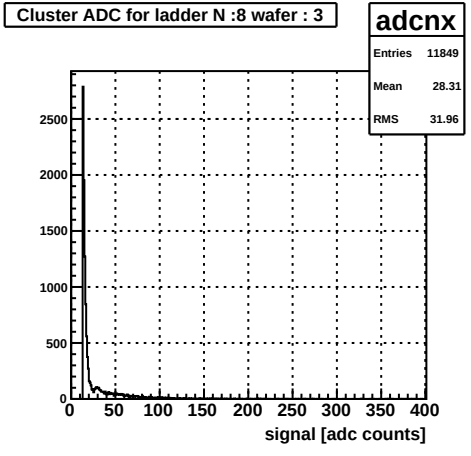

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1828
Mean 40.82
RMS 44.08
signal [adc counts]

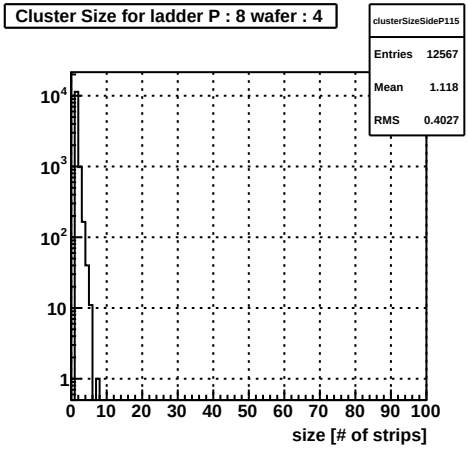

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7321
Mean 1.146
RMS 0.4568
size [# of strips]

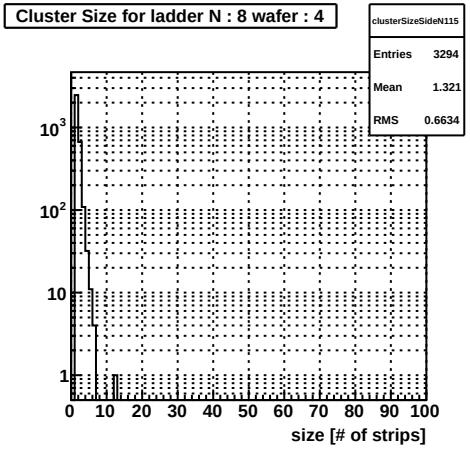

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11849
Mean 1.28
RMS 0.6805
size [# of strips]

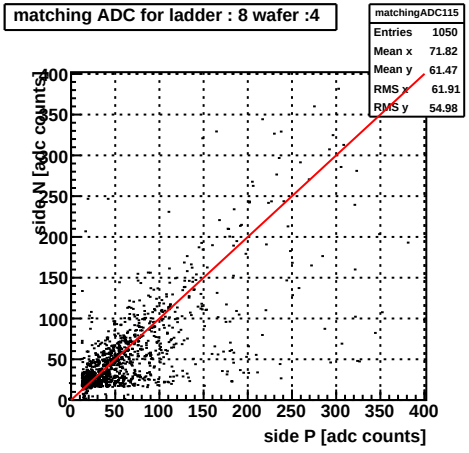

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1773
Mean x 58.21
Mean y 56.39
RMS x 53.1
RMS y 53.3
side N [adc counts]
side P [adc counts]

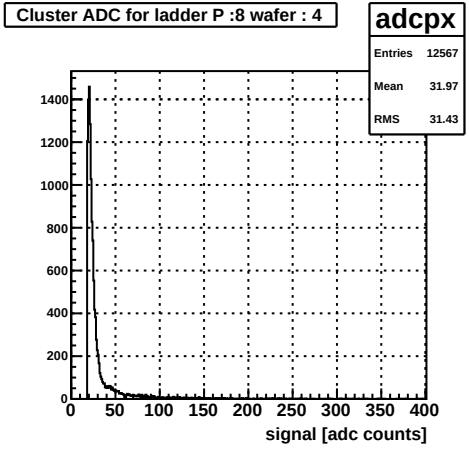

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7321
Mean 40.2
RMS 40.49
signal [adc counts]

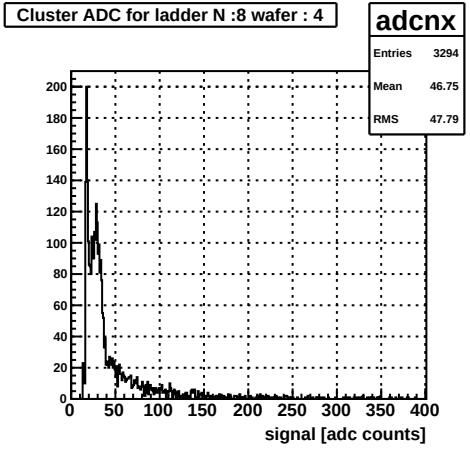

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11849
Mean 28.31
RMS 31.96
signal [adc counts]

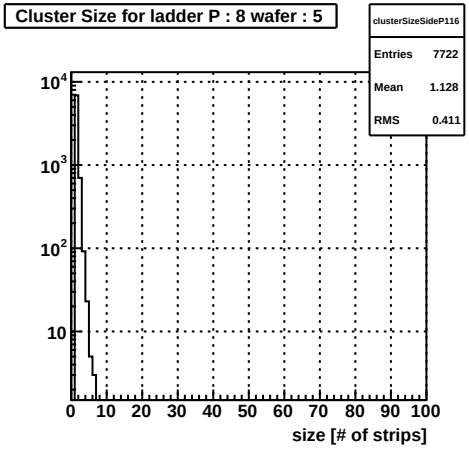

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12567
Mean 1.118
RMS 0.4027
size [# of strips]

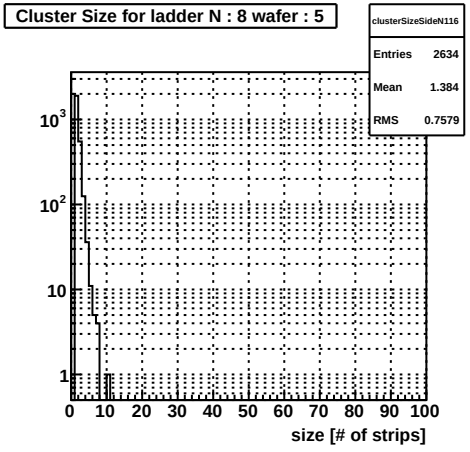

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3294
Mean 1.321
RMS 0.6634
size [# of strips]

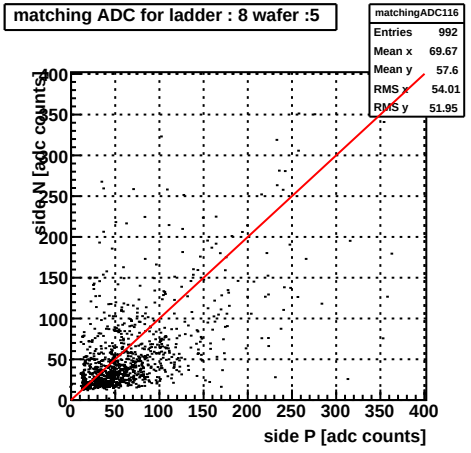

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1050
Mean x 71.82
Mean y 61.47
RMS x 61.91
RMS y 54.98
side N [adc counts]
side P [adc counts]

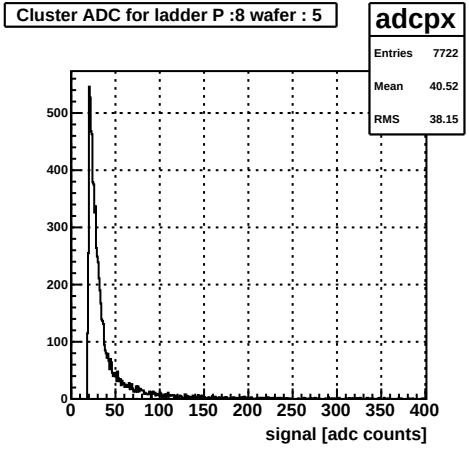

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12567
Mean 31.97
RMS 31.43
signal [adc counts]

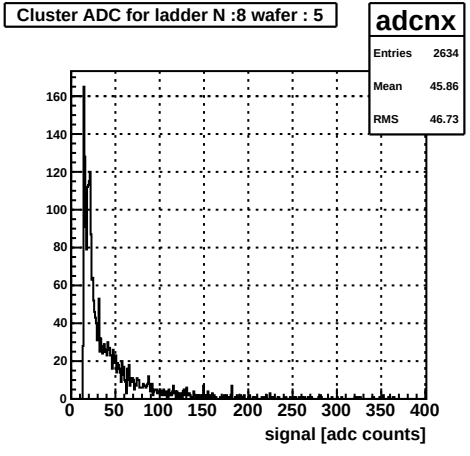

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3294
Mean 46.75
RMS 47.79
signal [adc counts]

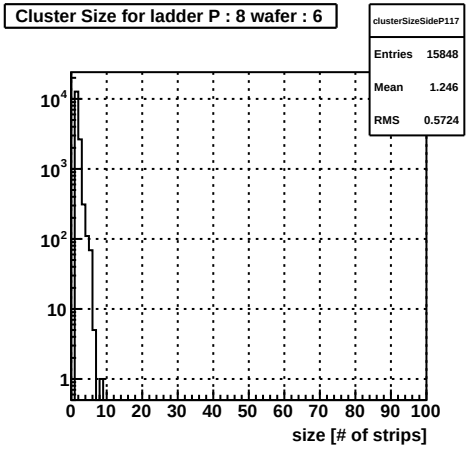

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7722
Mean 1.128
RMS 0.411
size [# of strips]

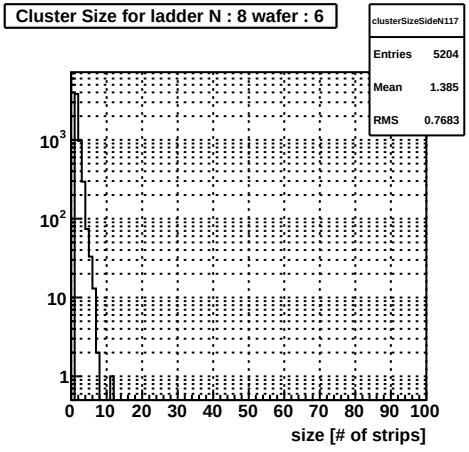

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2634
Mean 1.384
RMS 0.7579
size [# of strips]

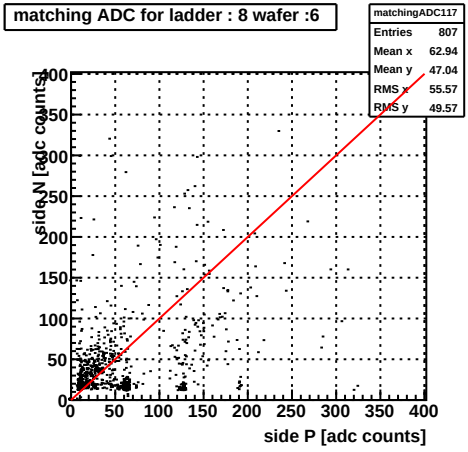

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 992
Mean x 69.67
Mean y 57.6
RMS x 54.01
RMS y 51.95
side N [adc counts]
side P [adc counts]

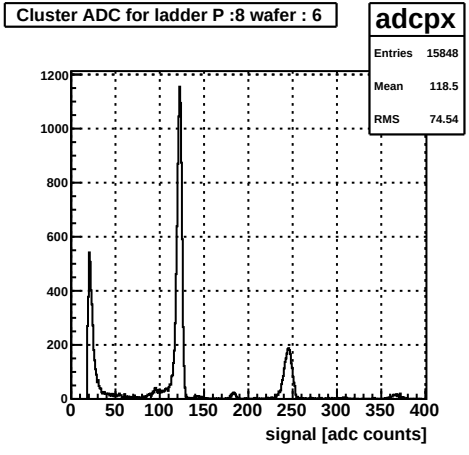

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7722
Mean 40.52
RMS 38.15
signal [adc counts]

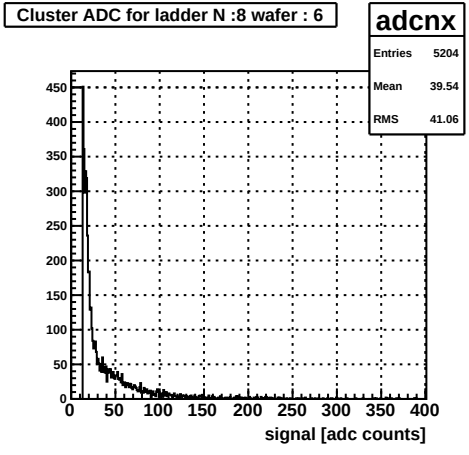

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2634
Mean 45.86
RMS 46.73
signal [adc counts]

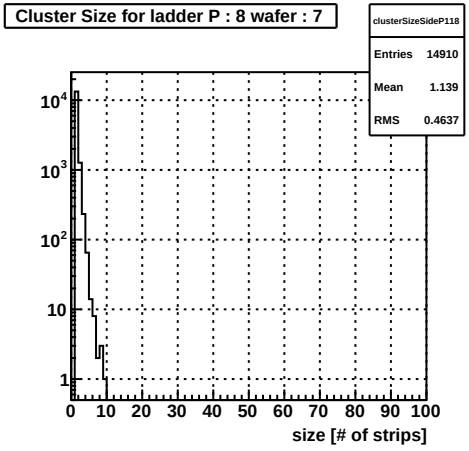

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15848
Mean 1.246
RMS 0.5724
size [# of strips]

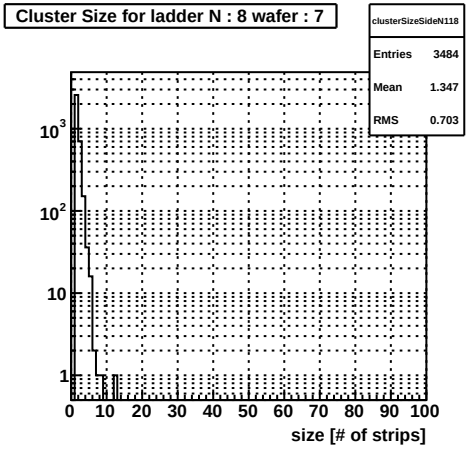

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5204
Mean 1.385
RMS 0.7683
size [# of strips]

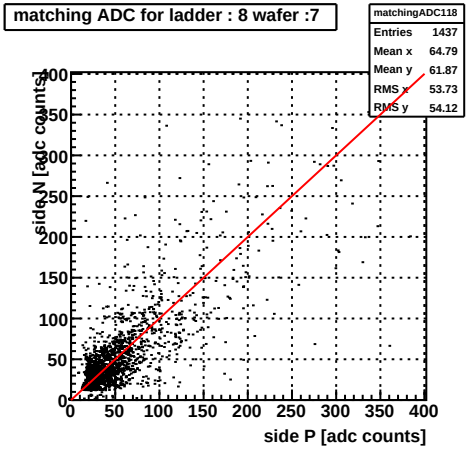

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 807
Mean x 62.94
Mean y 47.04
RMS x 55.57
RMS y 49.57
side N [adc counts]
side P [adc counts]

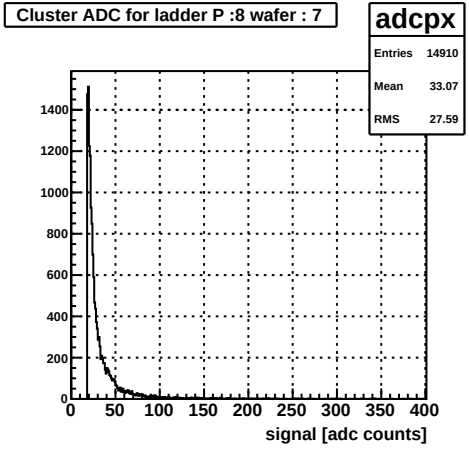

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15848
Mean 118.5
RMS 74.54
signal [adc counts]

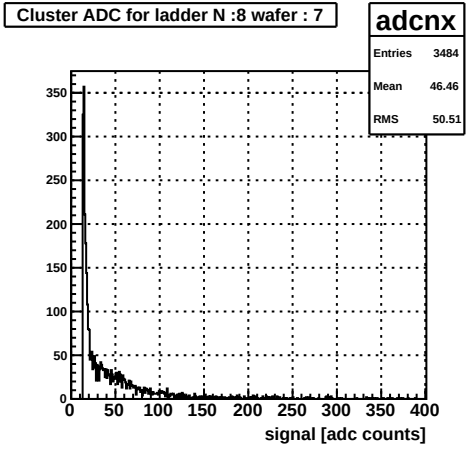

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5204
Mean 39.54
RMS 41.06
signal [adc counts]

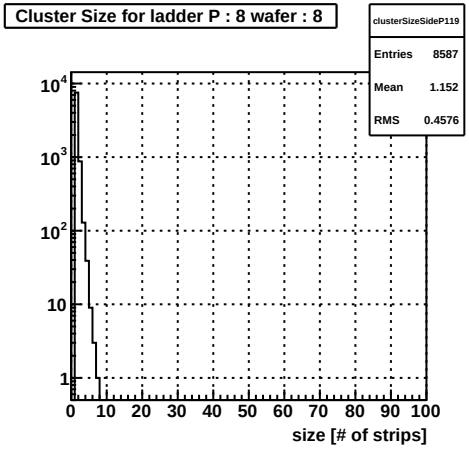

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14910
Mean 1.139
RMS 0.4637
size [# of strips]

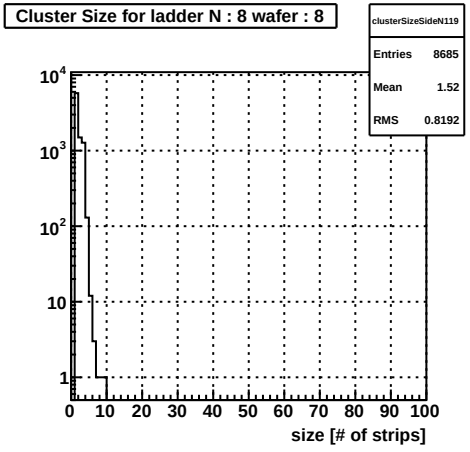

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3484
Mean 1.347
RMS 0.703
size [# of strips]

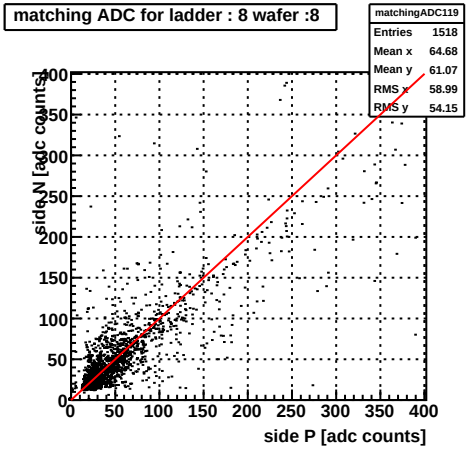

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1437
Mean x 64.79
Mean y 61.87
RMS x 53.73
RMS y 54.12
side N [adc counts]
side P [adc counts]

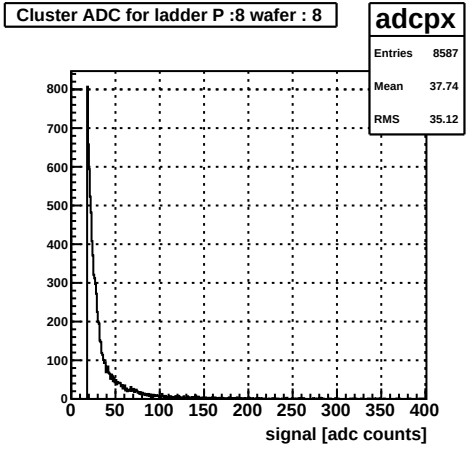

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14910
Mean 33.07
RMS 27.59
signal [adc counts]

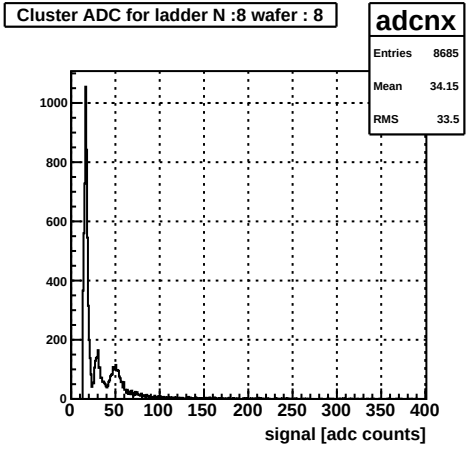

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3484
Mean 46.46
RMS 50.51
signal [adc counts]

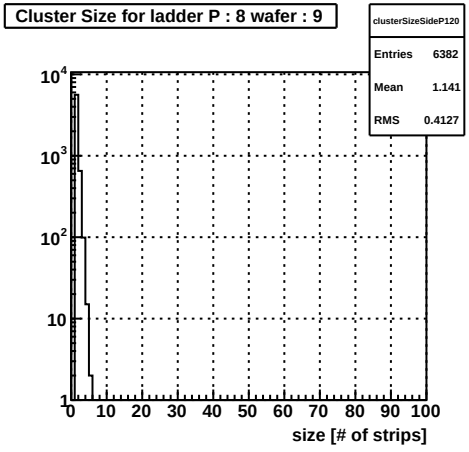

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8587
Mean 1.152
RMS 0.4576
size [# of strips]

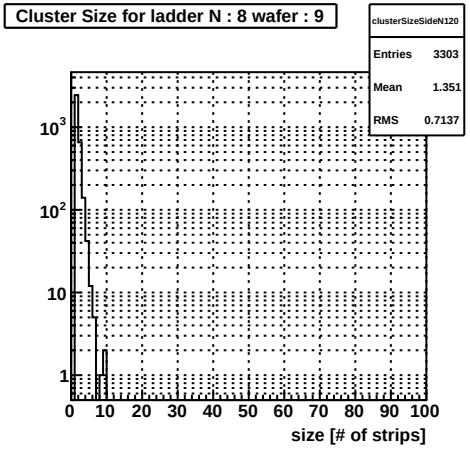

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8685
Mean 1.52
RMS 0.8192
size [# of strips]

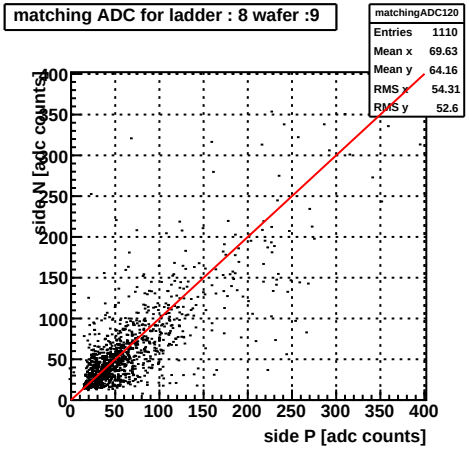

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1518
Mean x 64.68
Mean y 61.07
RMS x 58.99
RMS y 54.15
side N [adc counts]
side P [adc counts]

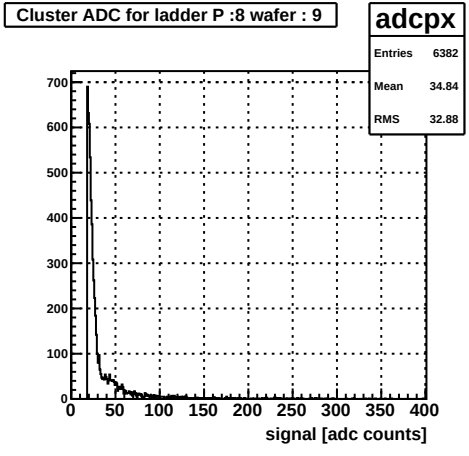

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8587
Mean 37.74
RMS 35.12
signal [adc counts]

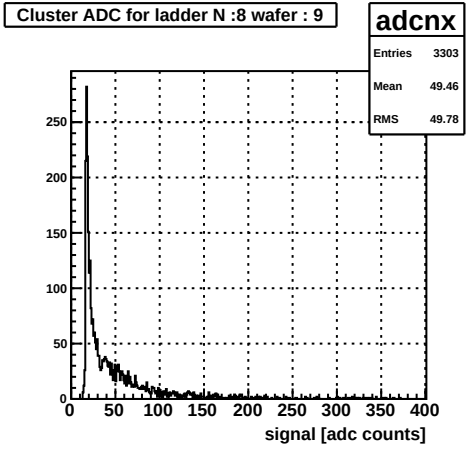

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8685
Mean 34.15
RMS 33.5
signal [adc counts]

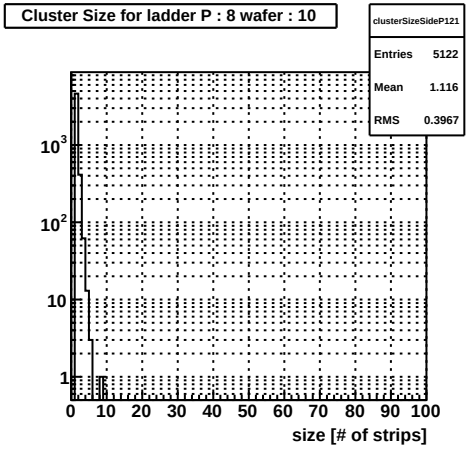

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6382
Mean 1.141
RMS 0.4127
size [# of strips]

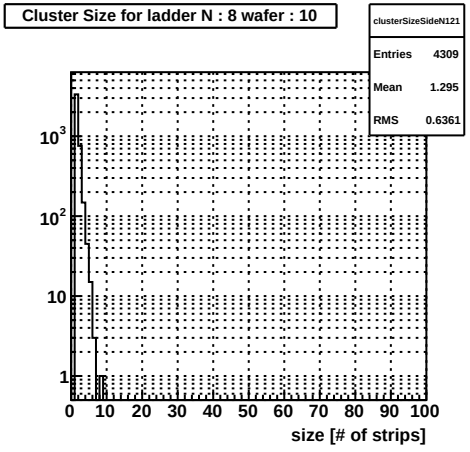

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3303
Mean 1.351
RMS 0.7137
size [# of strips]

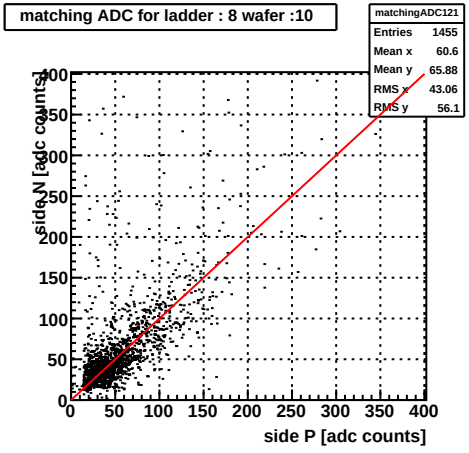

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1110
Mean x 69.63
Mean y 64.16
RMS x 54.31
RMS y 52.6
side N [adc counts]
side P [adc counts]

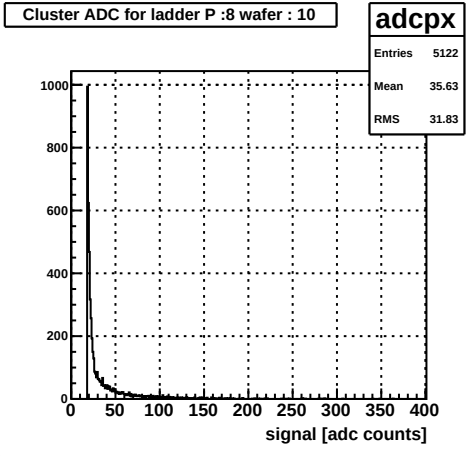

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6382
Mean 34.84
RMS 32.88
signal [adc counts]

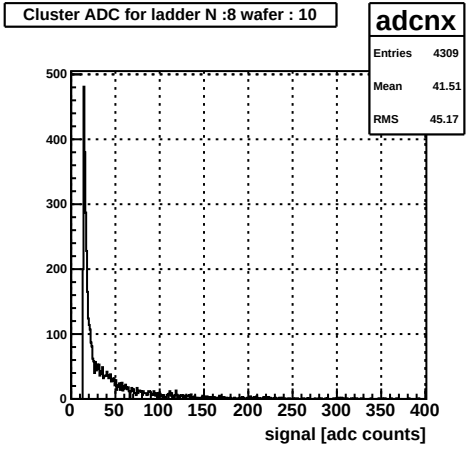

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3303
Mean 49.46
RMS 49.78
signal [adc counts]

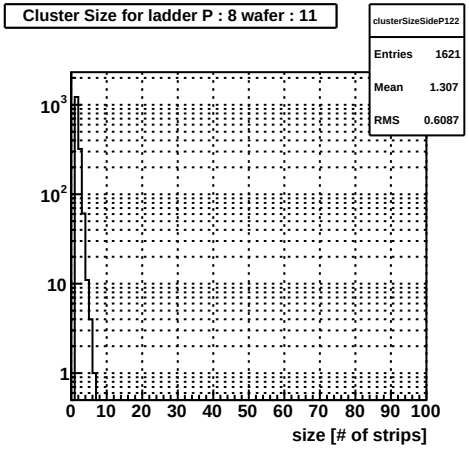

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5122
Mean 1.116
RMS 0.3967
size [# of strips]

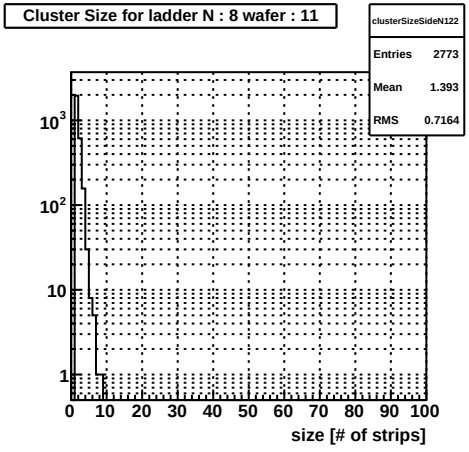

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4309
Mean 1.295
RMS 0.6361
size [# of strips]

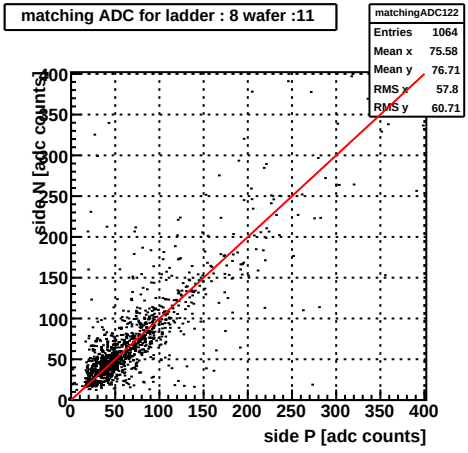

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1455
Mean x 60.6
Mean y 65.88
RMS x 43.06
RMS y 56.1
side N [adc counts]
side P [adc counts]

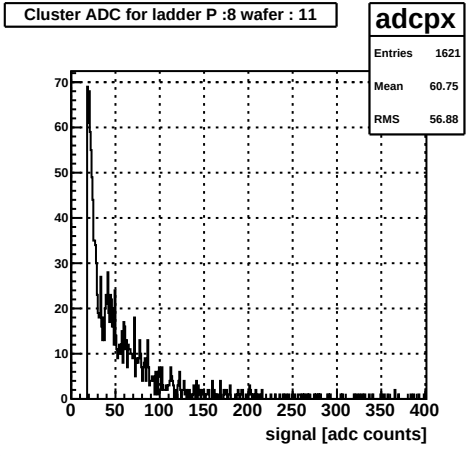

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5122
Mean 35.63
RMS 31.83
signal [adc counts]

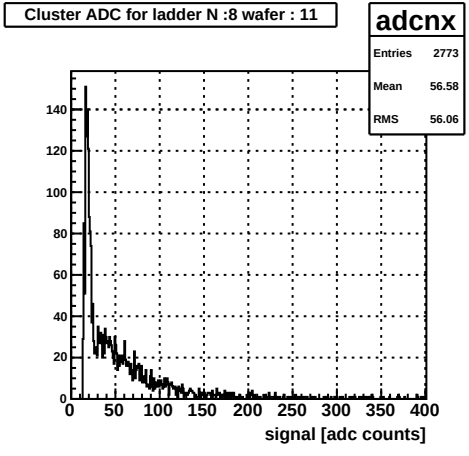

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4309
Mean 41.51
RMS 45.17
signal [adc counts]

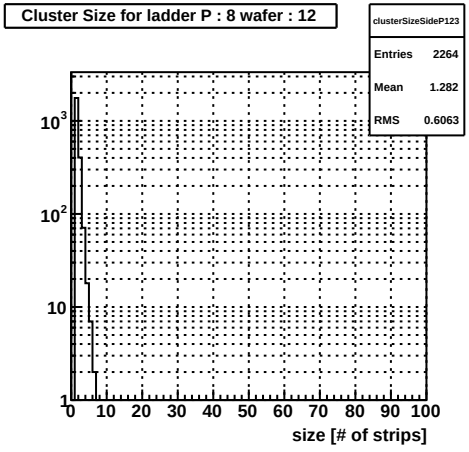

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1621
Mean 1.307
RMS 0.6087
size [# of strips]

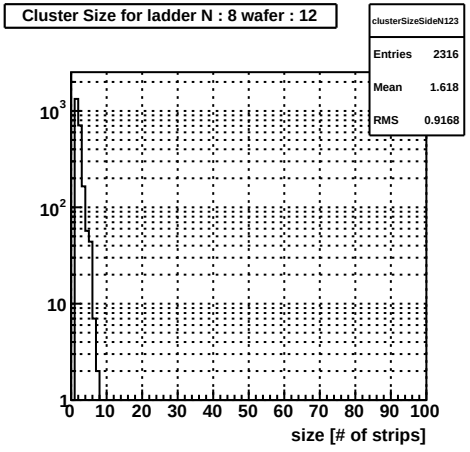

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2773
Mean 1.393
RMS 0.7164
size [# of strips]

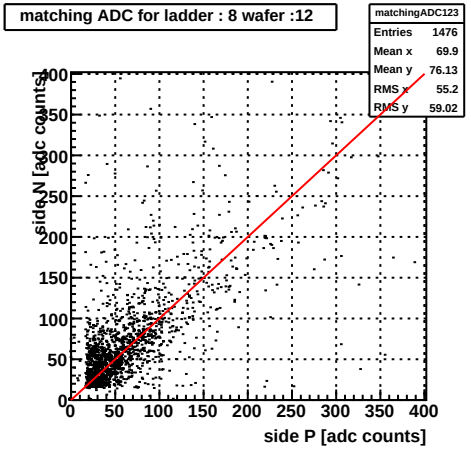

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1064
Mean x 75.58
Mean y 76.71
RMS x 57.8
RMS y 60.71
side N [adc counts]
side P [adc counts]

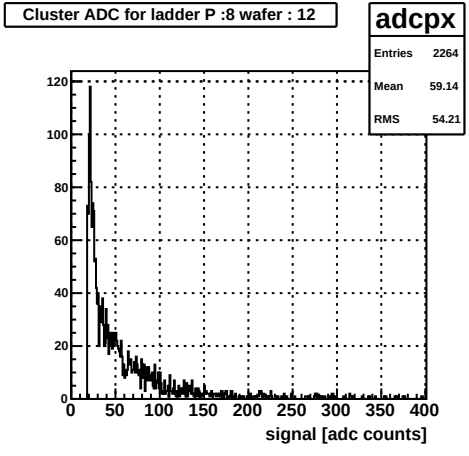

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1621
Mean 60.75
RMS 56.88
signal [adc counts]

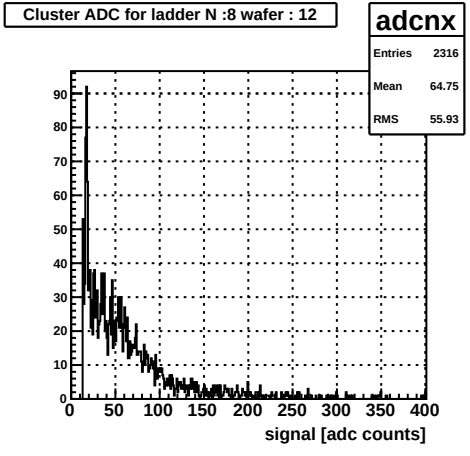

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2773
Mean 56.58
RMS 56.06
signal [adc counts]

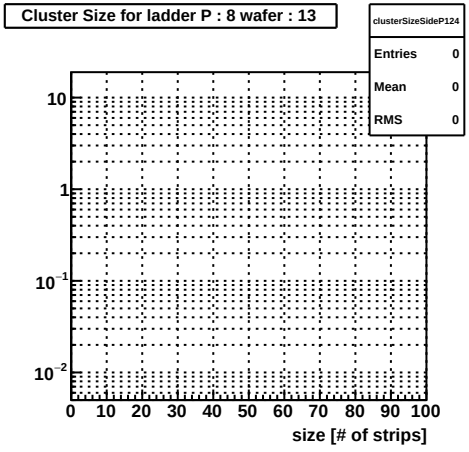

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2264
Mean 1.282
RMS 0.6063
size [# of strips]

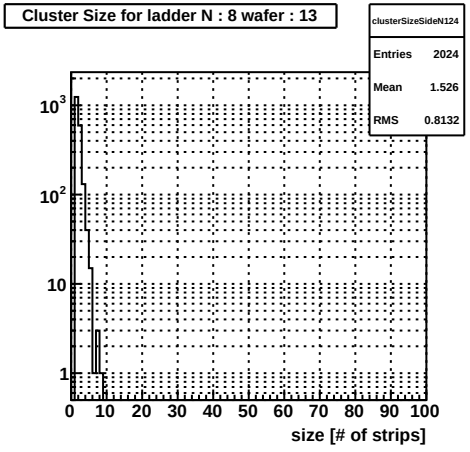

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2316
Mean 1.618
RMS 0.9168
size [# of strips]

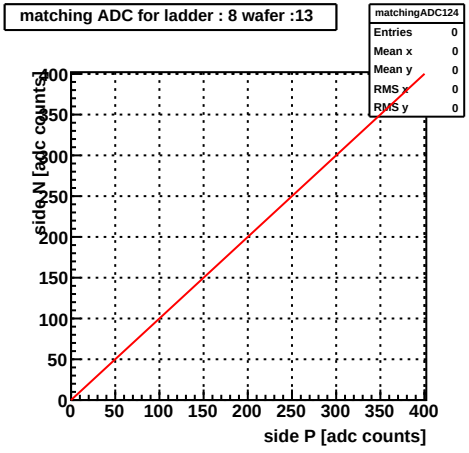

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1476
Mean x 69.9
Mean y 76.13
RMS x 55.2
RMS y 59.02
side N [adc counts]
side P [adc counts]

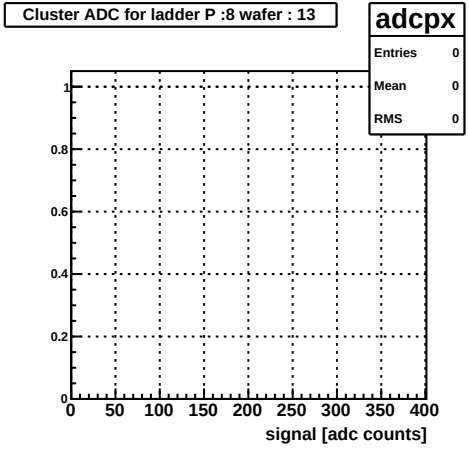

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2264
Mean 59.14
RMS 54.21
signal [adc counts]

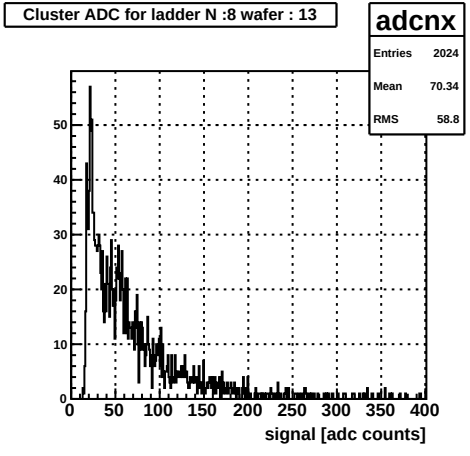

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2316
Mean 64.75
RMS 55.93
signal [adc counts]

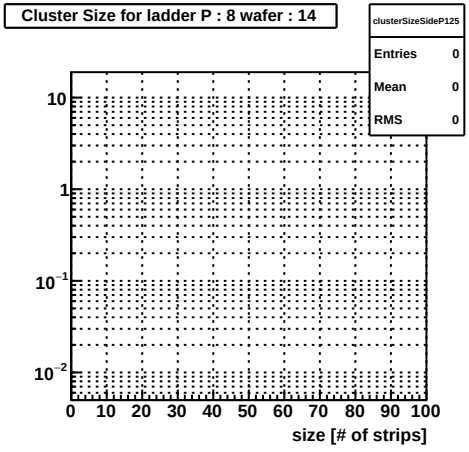

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

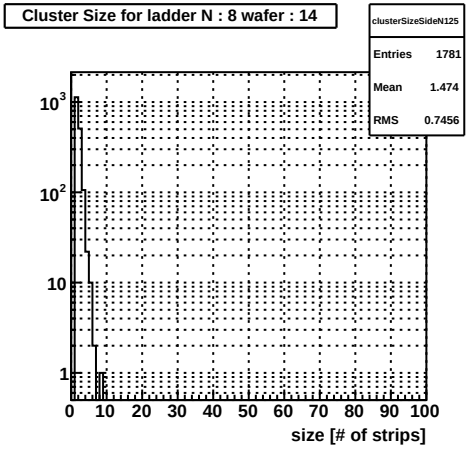

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2024
Mean 1.526
RMS 0.8132
size [# of strips]

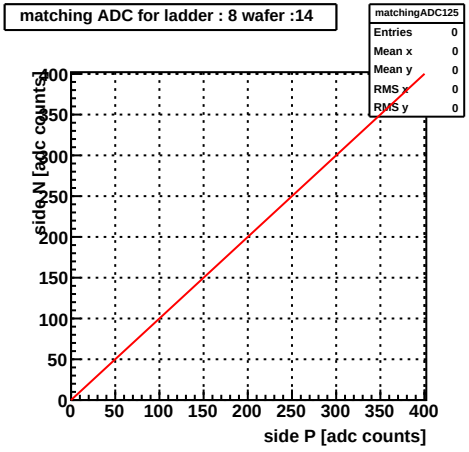

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

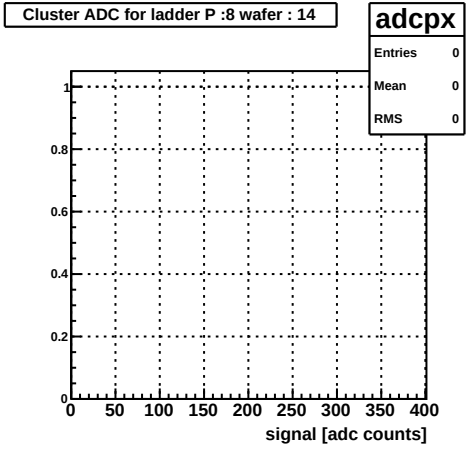

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

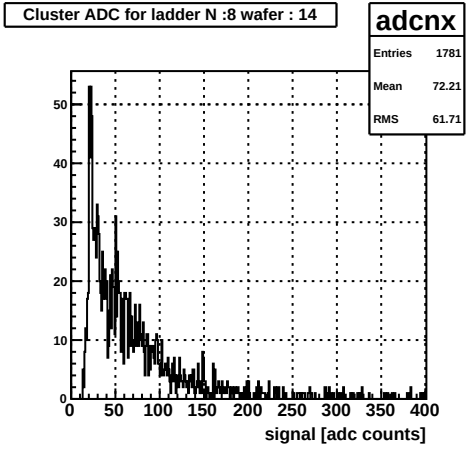

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2024
Mean 70.34
RMS 58.8
signal [adc counts]

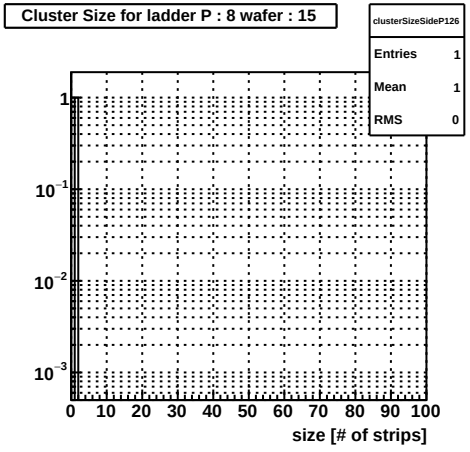

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

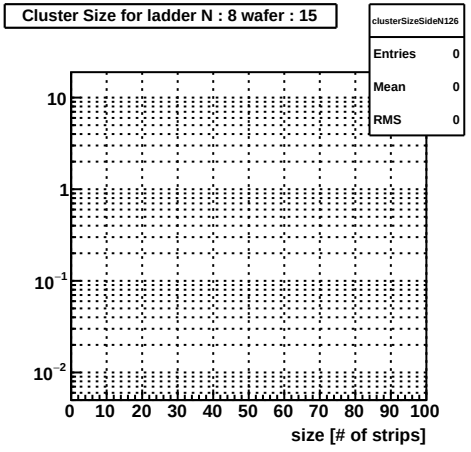

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1781
Mean 1.474
RMS 0.7456
size [# of strips]

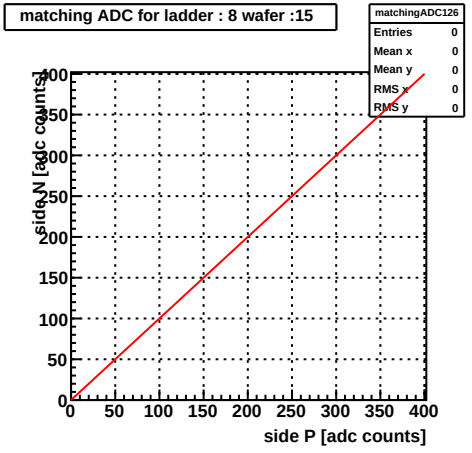

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

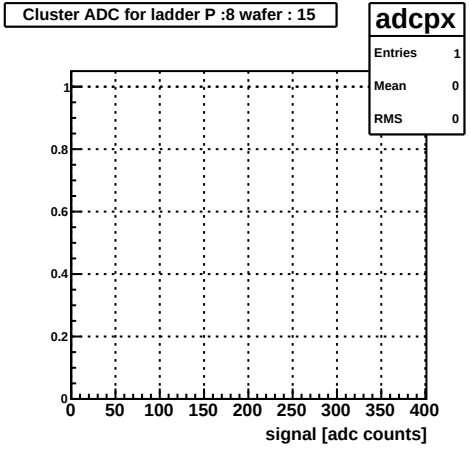

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

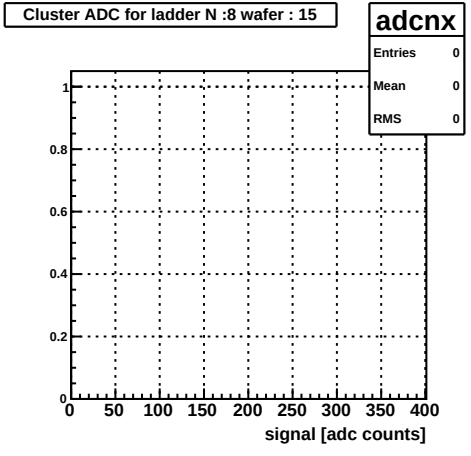

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1781
Mean 72.21
RMS 61.71
signal [adc counts]

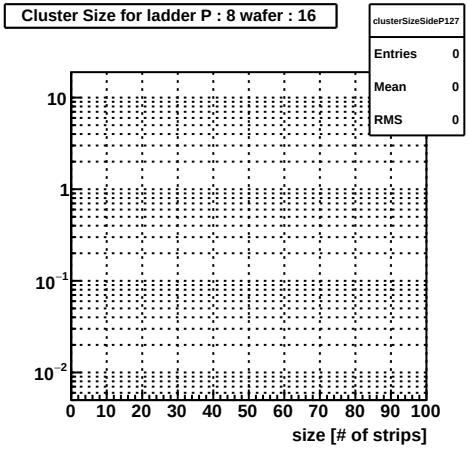

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

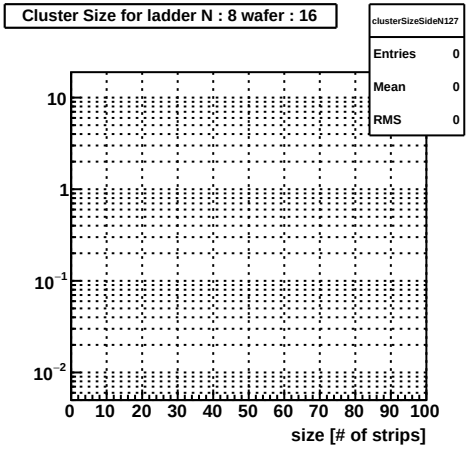

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

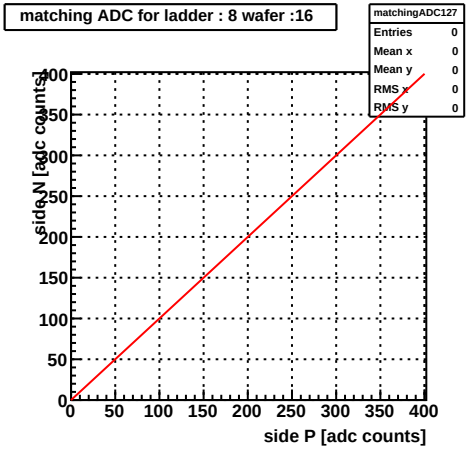

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

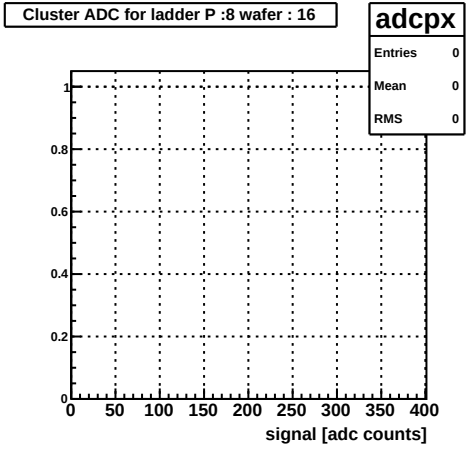

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

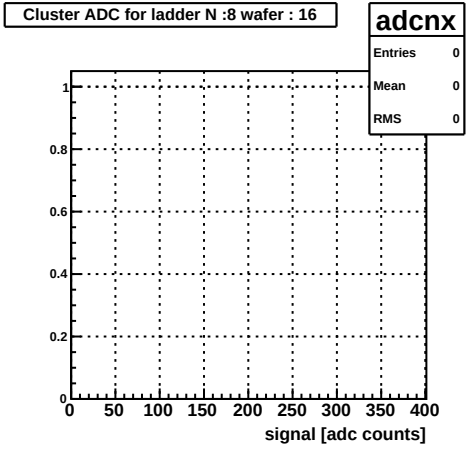

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

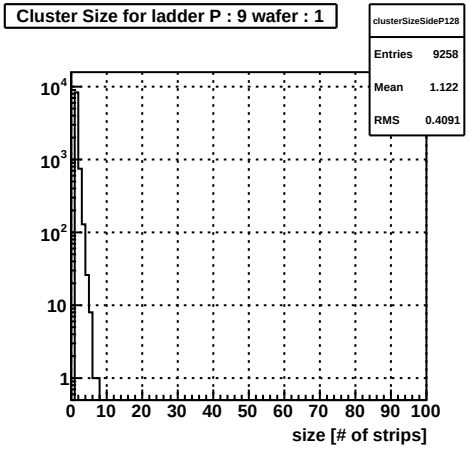

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

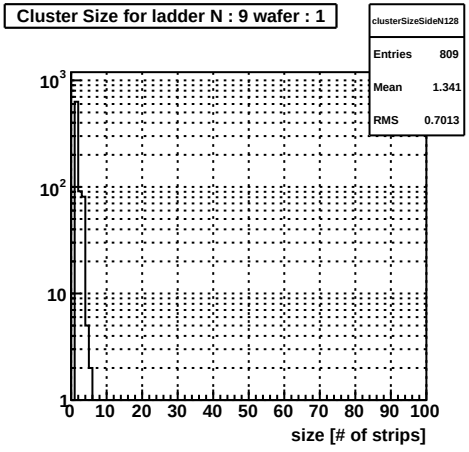

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

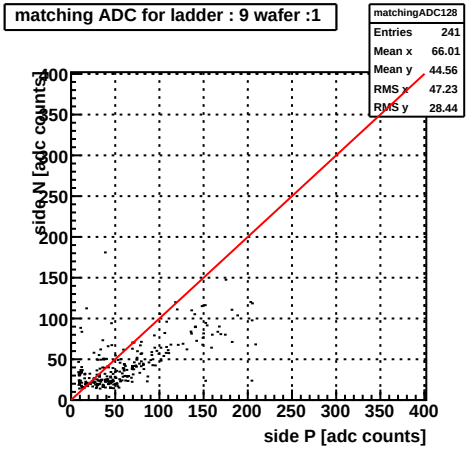

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

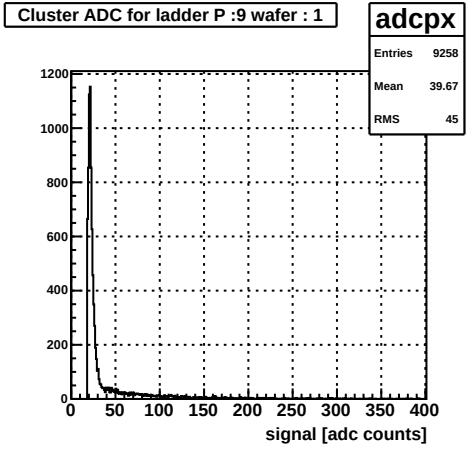

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

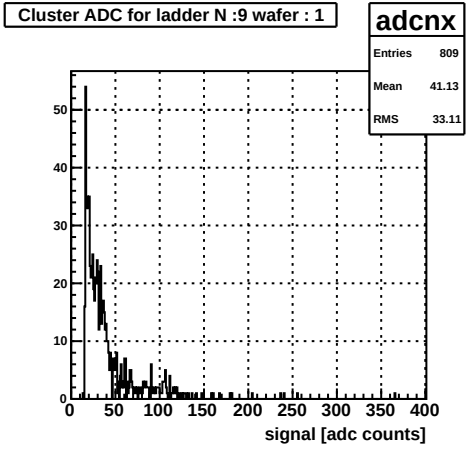

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

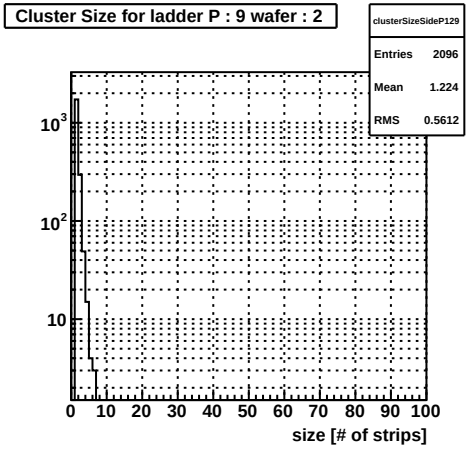

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9258
Mean 1.122
RMS 0.4091
size [# of strips]

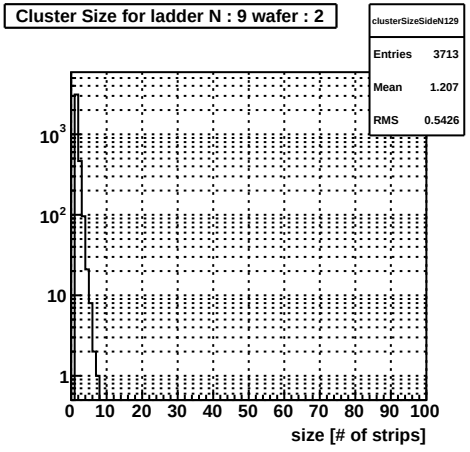

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 809
Mean 1.341
RMS 0.7013
size [# of strips]

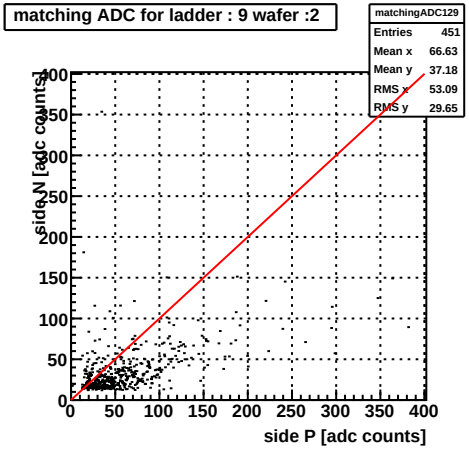

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 241
Mean x 66.01
Mean y 44.56
RMS x 47.23
RMS y 28.44
side N [adc counts]
side P [adc counts]

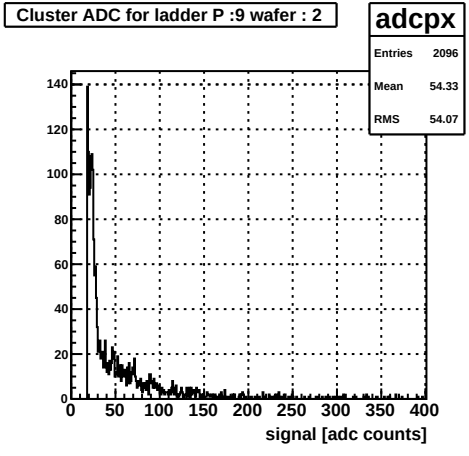

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9258
Mean 39.67
RMS 45
signal [adc counts]

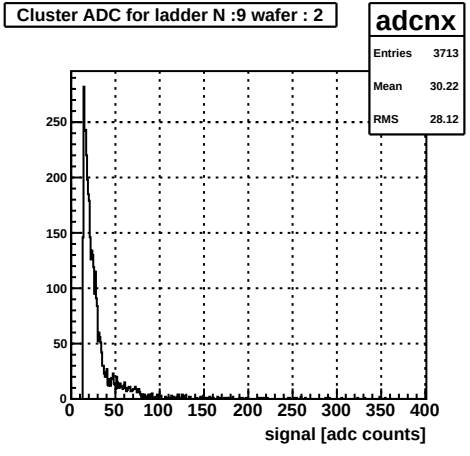

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 809
Mean 41.13
RMS 33.11
signal [adc counts]

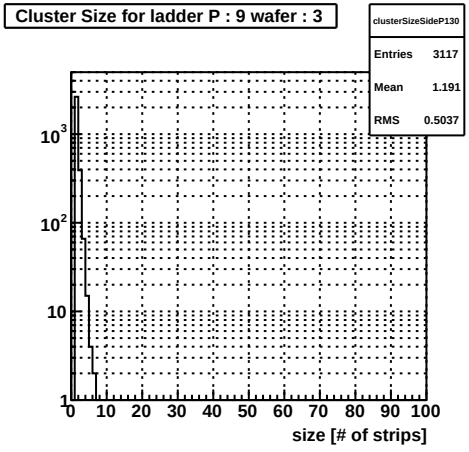

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2096
Mean 1.224
RMS 0.5612
size [# of strips]

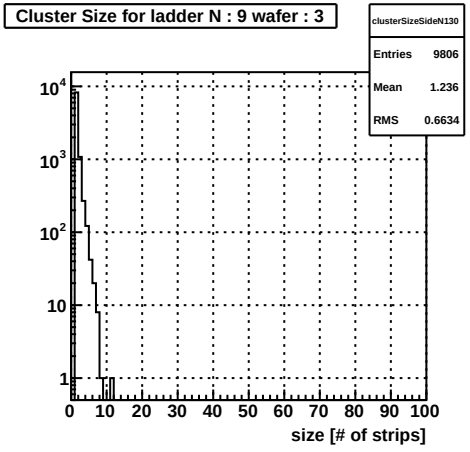

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3713
Mean 1.207
RMS 0.5426
size [# of strips]

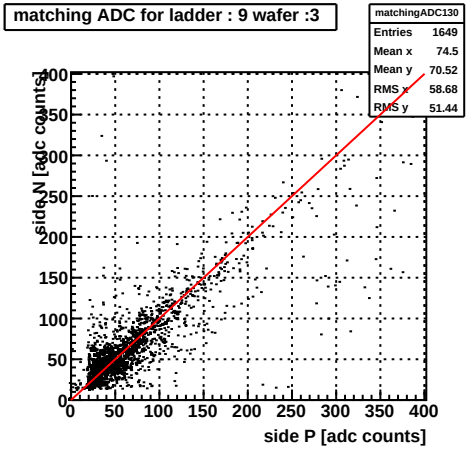

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 451
Mean x 66.63
Mean y 37.18
RMS x 53.09
RMS y 29.65
side N [adc counts]
side P [adc counts]

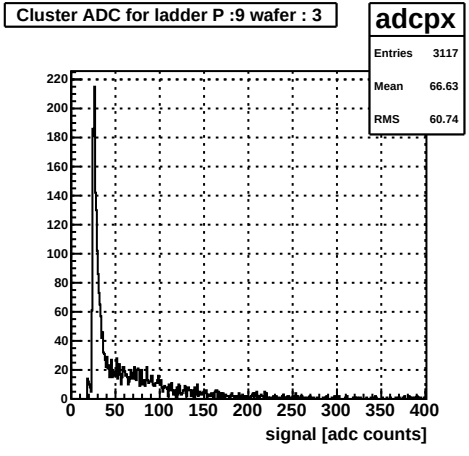

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2096
Mean 54.33
RMS 54.07
signal [adc counts]

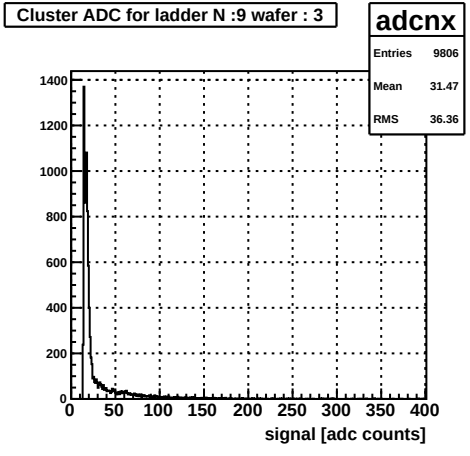

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3713
Mean 30.22
RMS 28.12
signal [adc counts]

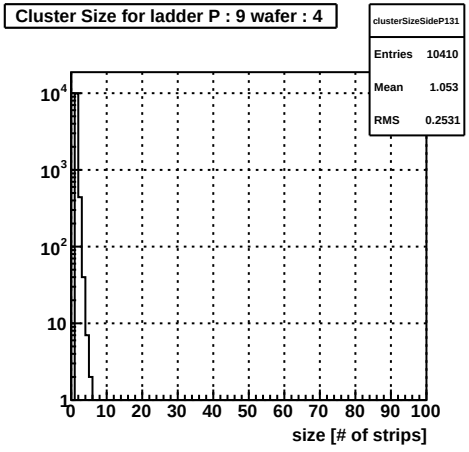

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3117
Mean 1.191
RMS 0.5037
size [# of strips]

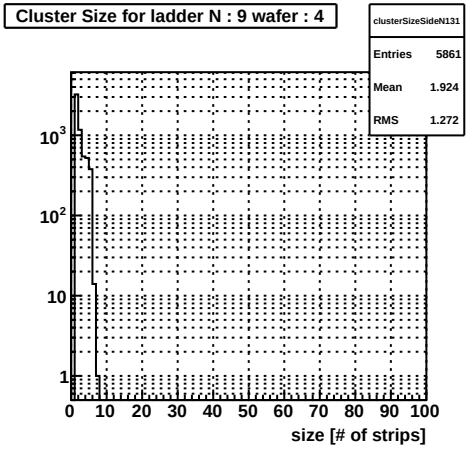

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9806
Mean 1.236
RMS 0.6634
size [# of strips]

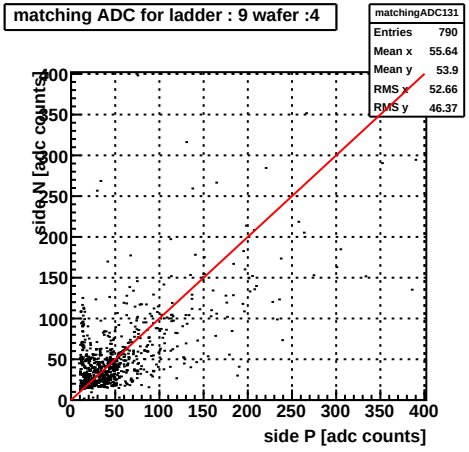

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1649
Mean x 74.5
Mean y 70.52
RMS x 58.68
RMS y 51.44
side N [adc counts]
side P [adc counts]

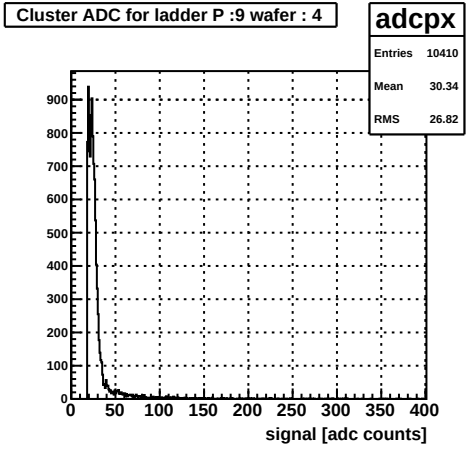

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3117
Mean 66.63
RMS 60.74
signal [adc counts]

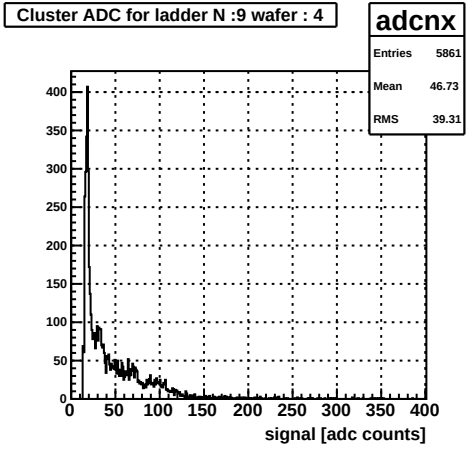

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9806
Mean 31.47
RMS 36.36
signal [adc counts]

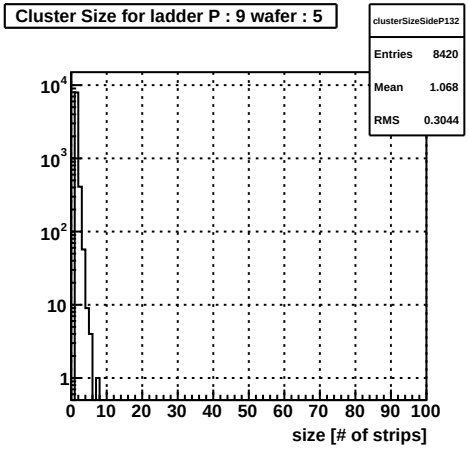

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10410
Mean 1.053
RMS 0.2531
size [# of strips]

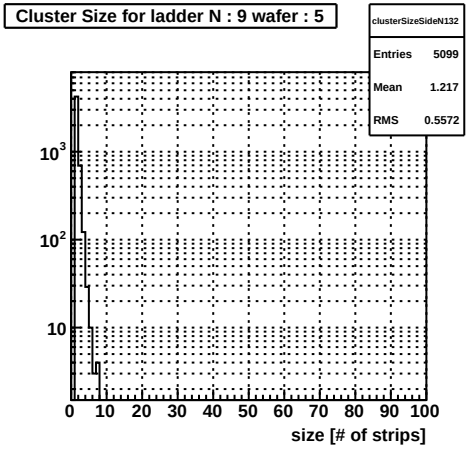

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5861
Mean 1.924
RMS 1.272
size [# of strips]

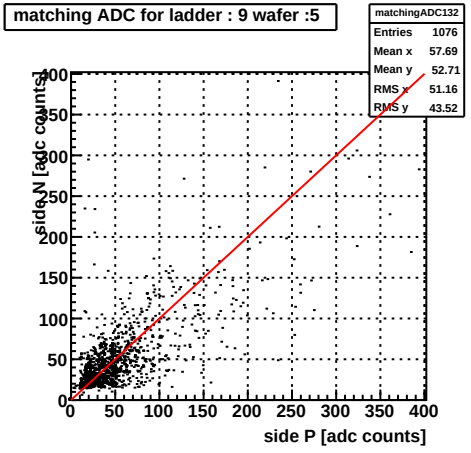

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 790
Mean x 55.64
Mean y 53.9
RMS x 52.66
RMS y 46.37
side N [adc counts]
side P [adc counts]

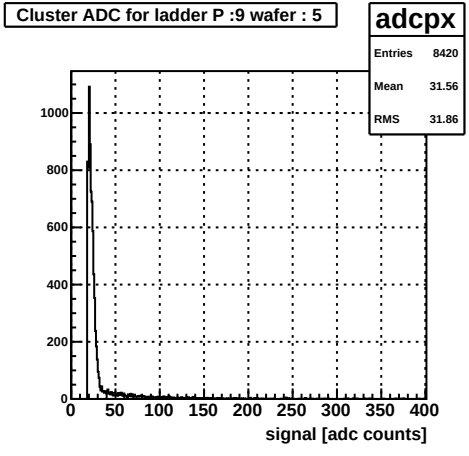

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10410
Mean 30.34
RMS 26.82
signal [adc counts]

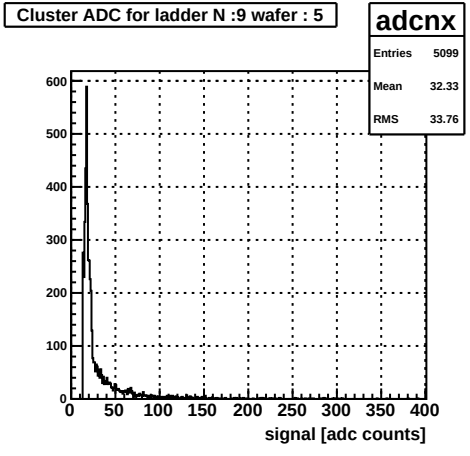

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5861
Mean 46.73
RMS 39.31
signal [adc counts]

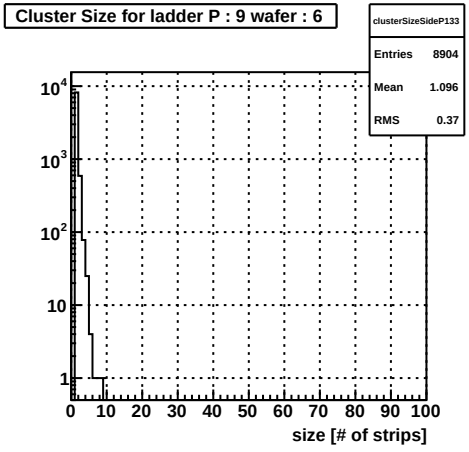

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8420
Mean 1.068
RMS 0.3044
size [# of strips]

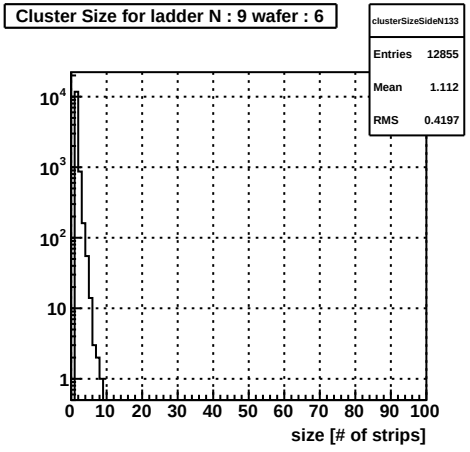

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5099
Mean 1.217
RMS 0.5572
size [# of strips]

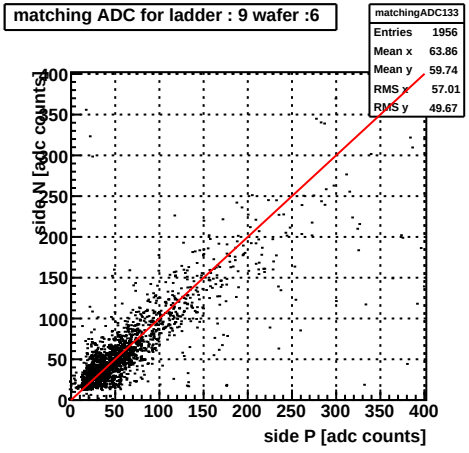

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1076
Mean x 57.69
Mean y 52.71
RMS x 51.16
RMS y 43.52
side N [adc counts]
side P [adc counts]

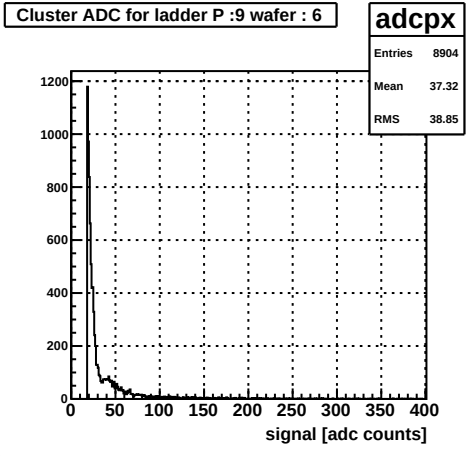

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8420
Mean 31.56
RMS 31.86
signal [adc counts]

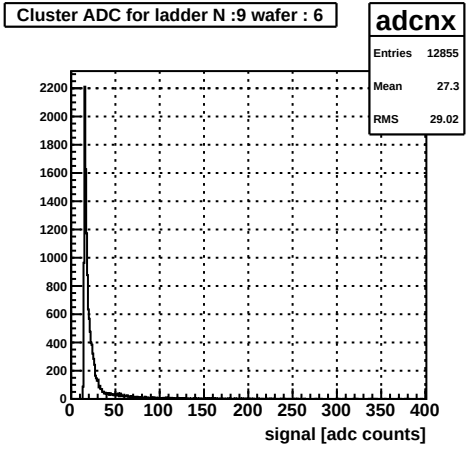

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5099
Mean 32.33
RMS 33.76
signal [adc counts]

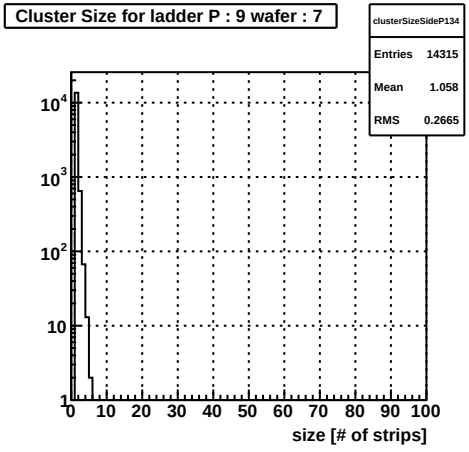

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8904
Mean 1.096
RMS 0.37
size [# of strips]

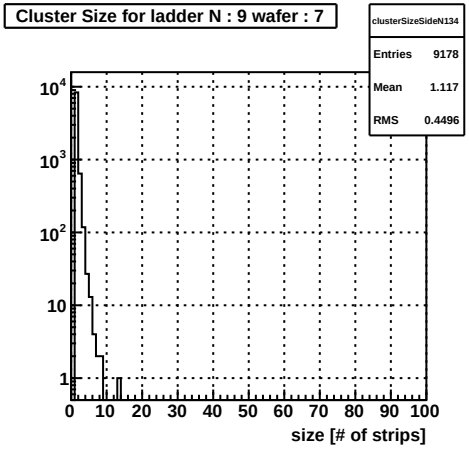

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12855
Mean 1.112
RMS 0.4197
size [# of strips]

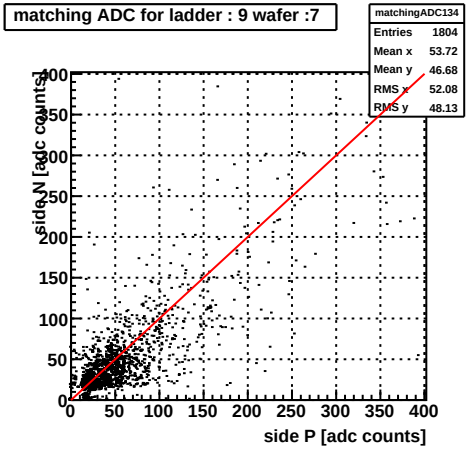

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1956
Mean x 63.86
Mean y 59.74
RMS x 57.01
RMS y 49.67
side N [adc counts]
side P [adc counts]

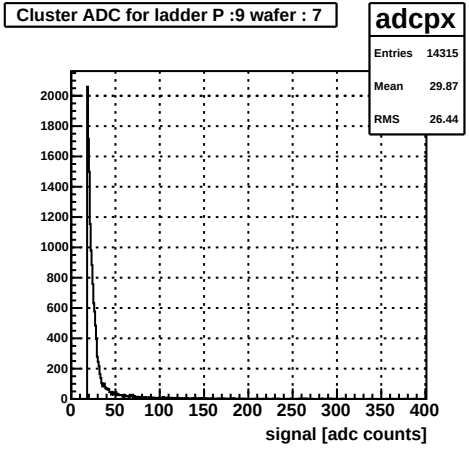

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8904
Mean 37.32
RMS 38.85
signal [adc counts]

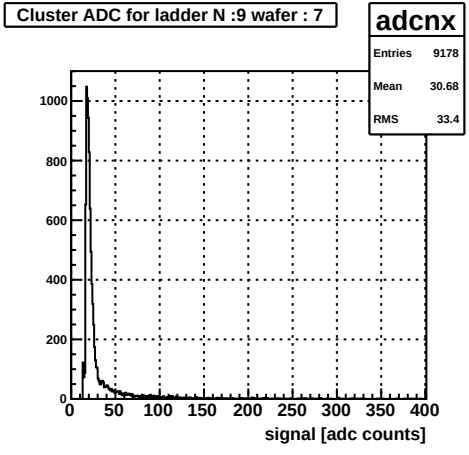

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12855
Mean 27.3
RMS 29.02
signal [adc counts]

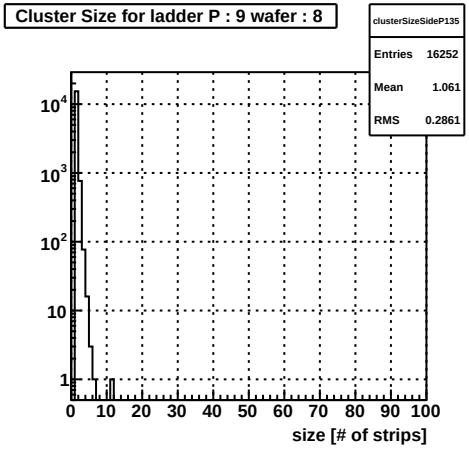

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14315
Mean 1.058
RMS 0.2665
size [# of strips]

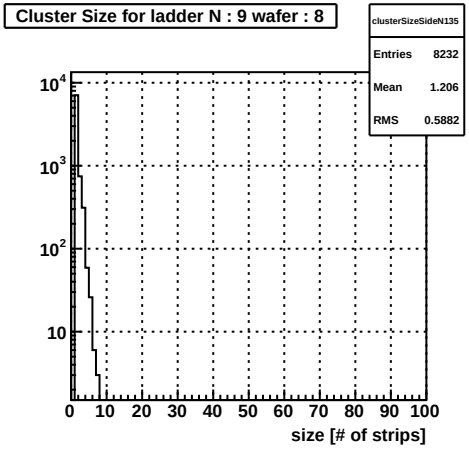

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9178
Mean 1.117
RMS 0.4496
size [# of strips]

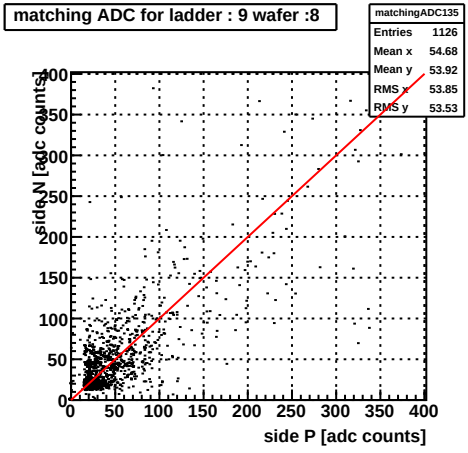

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1804
Mean x 53.72
Mean y 46.68
RMS x 52.08
RMS y 48.13
side N [adc counts]
side P [adc counts]

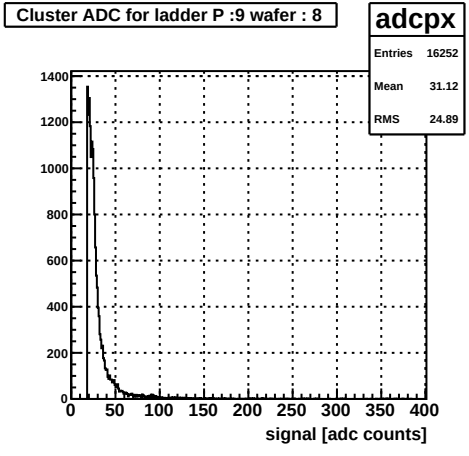

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14315
Mean 29.87
RMS 26.44
signal [adc counts]

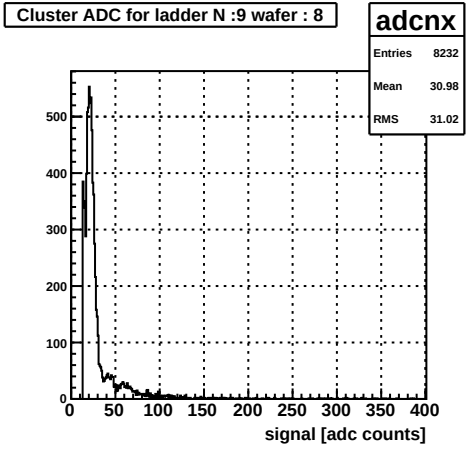

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9178
Mean 30.68
RMS 33.4
signal [adc counts]

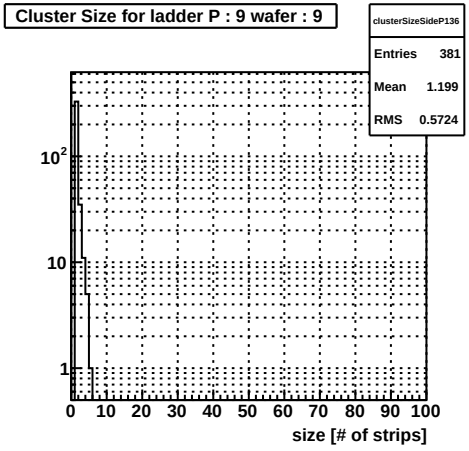

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 16252
Mean 1.061
RMS 0.2861
size [# of strips]

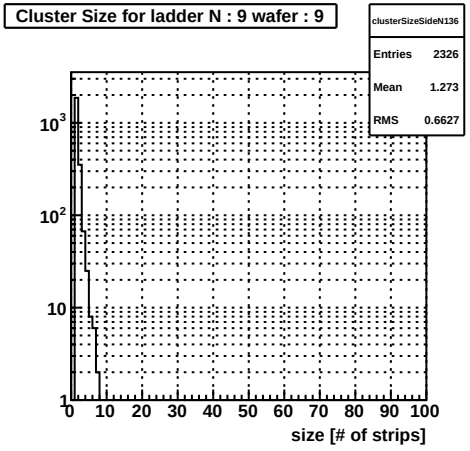

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8232
Mean 1.206
RMS 0.5882
size [# of strips]

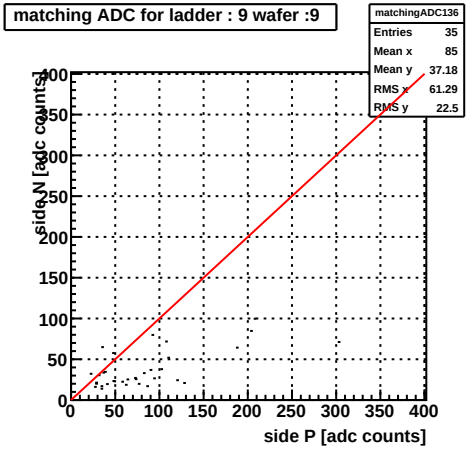

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1126
Mean x 54.68
Mean y 53.92
RMS x 53.85
RMS y 53.53
side N [adc counts]
side P [adc counts]

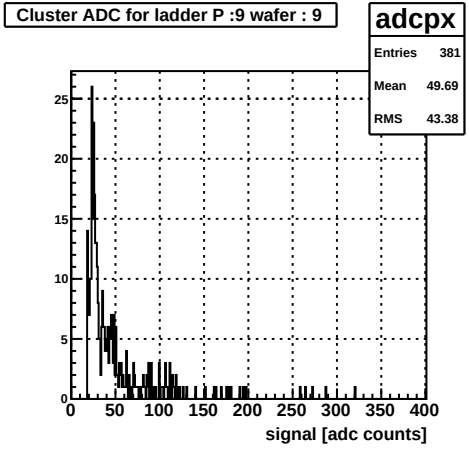

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 16252
Mean 31.12
RMS 24.89
signal [adc counts]

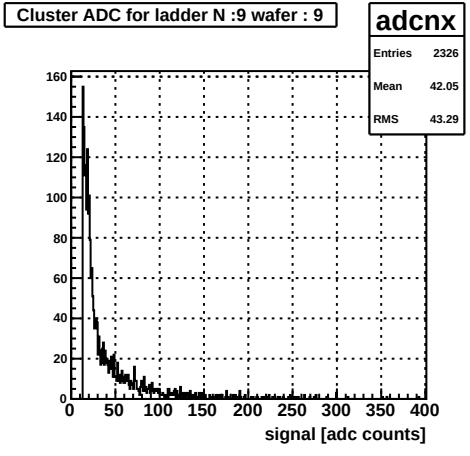

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8232
Mean 30.98
RMS 31.02
signal [adc counts]

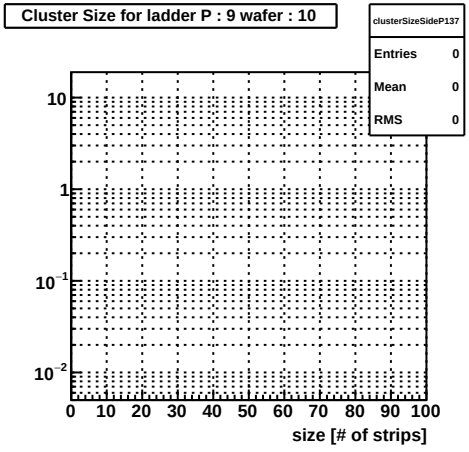

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 381
Mean 1.199
RMS 0.5724
size [# of strips]

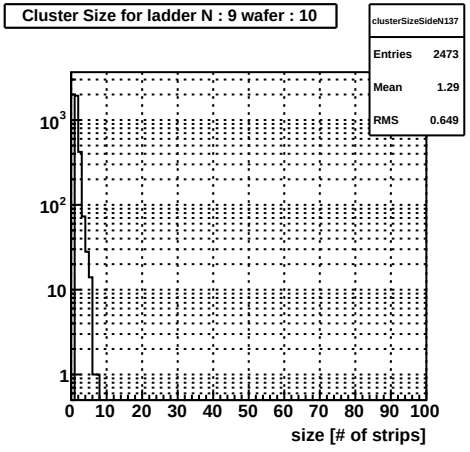

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2326
Mean 1.273
RMS 0.6627
size [# of strips]

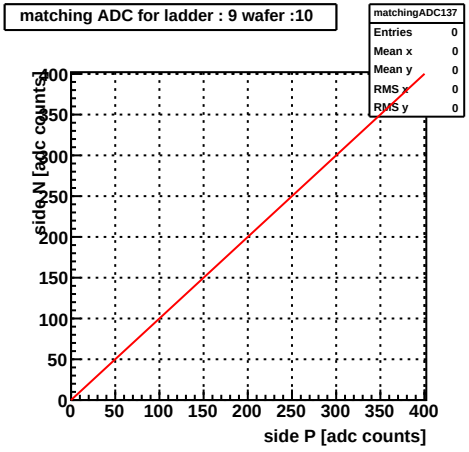

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 35
Mean x 85
Mean y 37.18
RMS x 61.29
RMS y 22.5
side N [adc counts]
side P [adc counts]

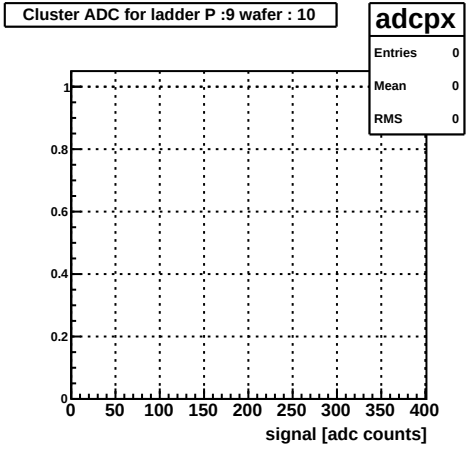

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 381
Mean 49.69
RMS 43.38
signal [adc counts]

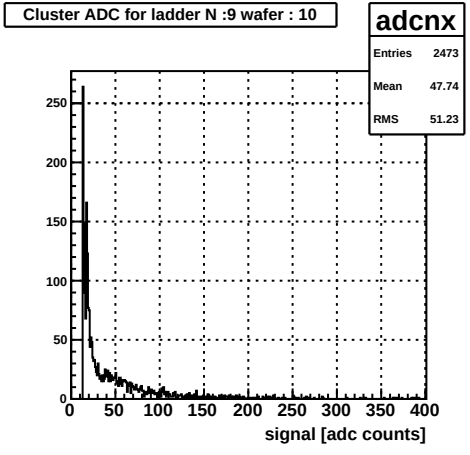

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2326
Mean 42.05
RMS 43.29
signal [adc counts]

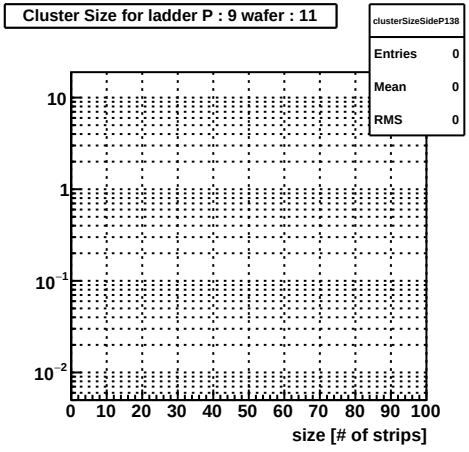

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

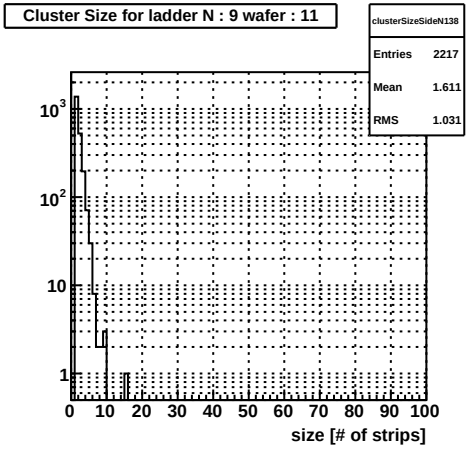

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2473
Mean 1.29
RMS 0.649
size [# of strips]

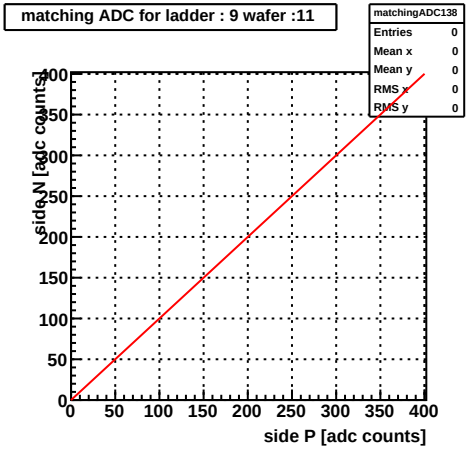

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

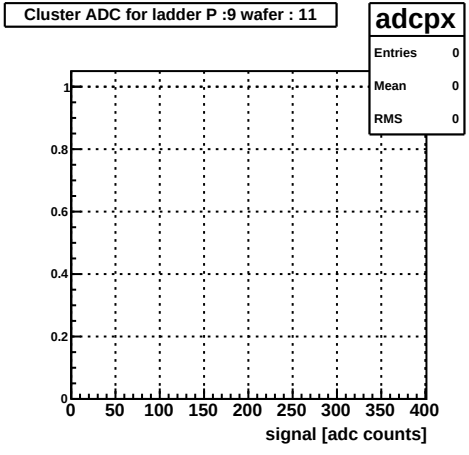

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

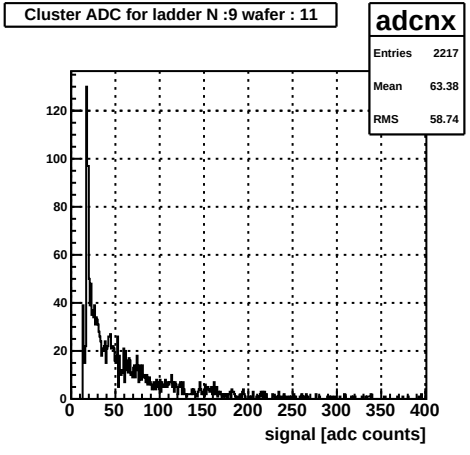

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2473
Mean 47.74
RMS 51.23
signal [adc counts]

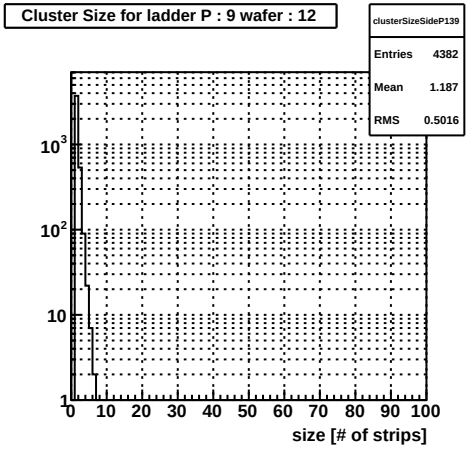

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

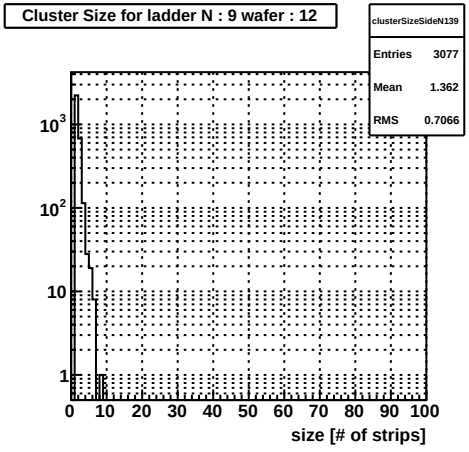

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2217
Mean 1.611
RMS 1.031
size [# of strips]

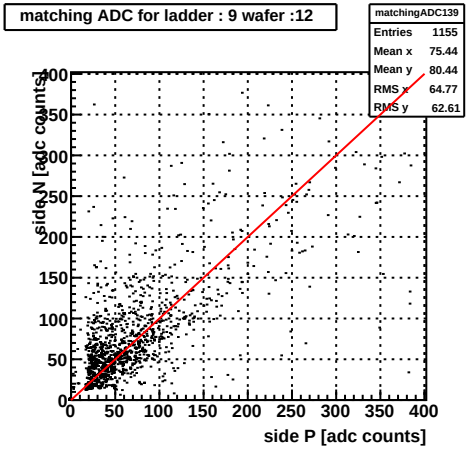

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

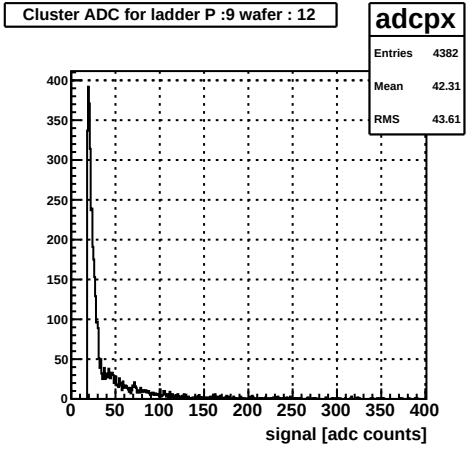

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

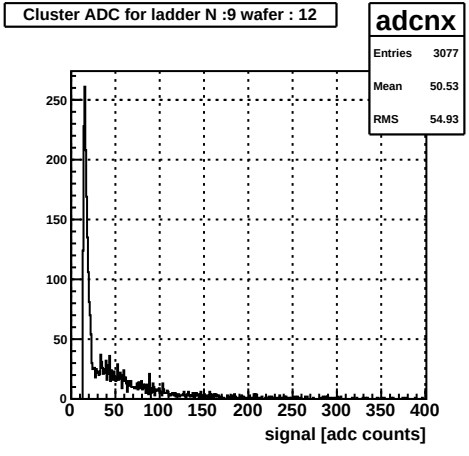

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2217
Mean 63.38
RMS 58.74
signal [adc counts]

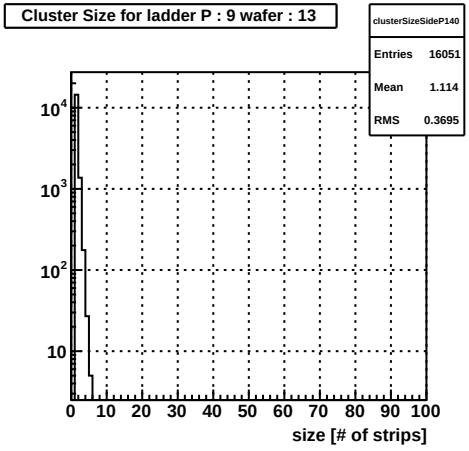

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4382
Mean 1.187
RMS 0.5016
size [# of strips]

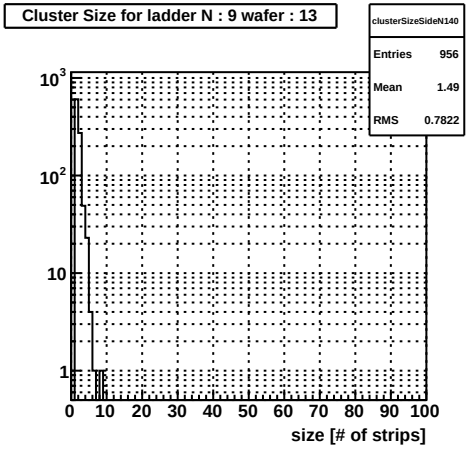

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3077
Mean 1.362
RMS 0.7066
size [# of strips]

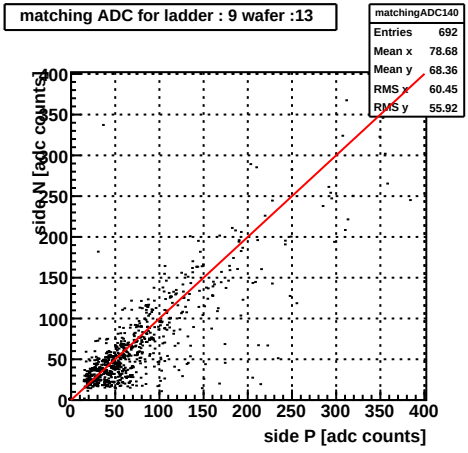

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1155
Mean x 75.44
Mean y 80.44
RMS x 64.77
RMS y 62.61
side N [adc counts]
side P [adc counts]

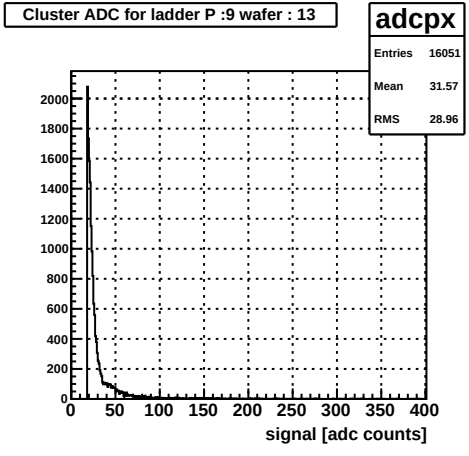

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4382
Mean 42.31
RMS 43.61
signal [adc counts]

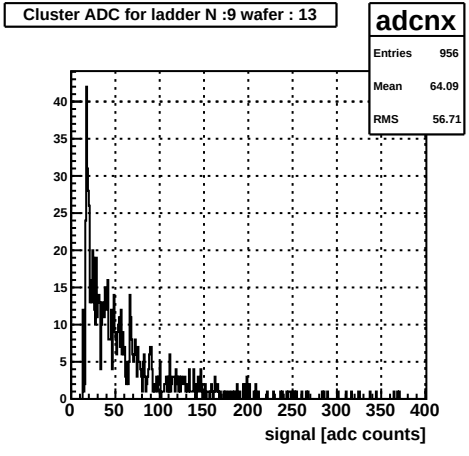

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3077
Mean 50.53
RMS 54.93
signal [adc counts]

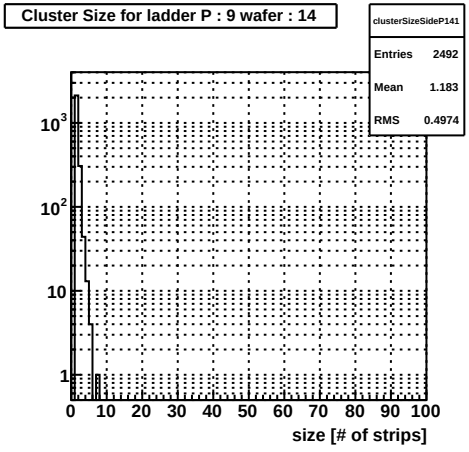

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16051
Mean 1.114
RMS 0.3695
size [# of strips]

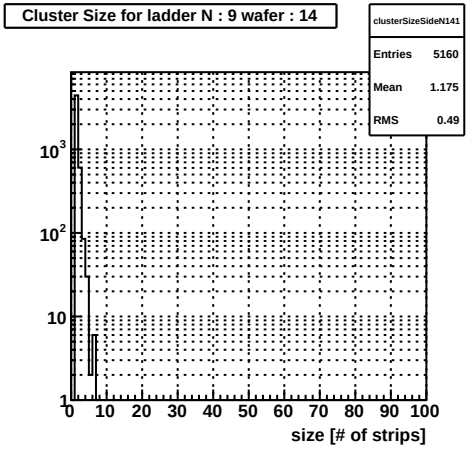

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 956
Mean 1.49
RMS 0.7822
size [# of strips]

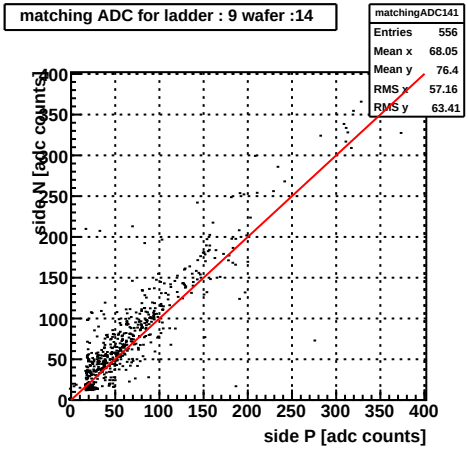

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 692
Mean x 78.68
Mean y 68.36
RMS x 60.45
RMS y 55.92
side N [adc counts]
side P [adc counts]

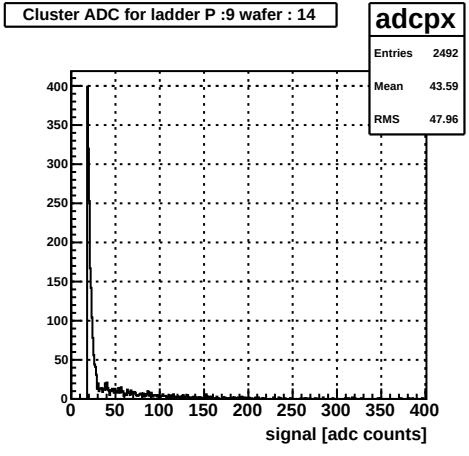

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16051
Mean 31.57
RMS 28.96
signal [adc counts]

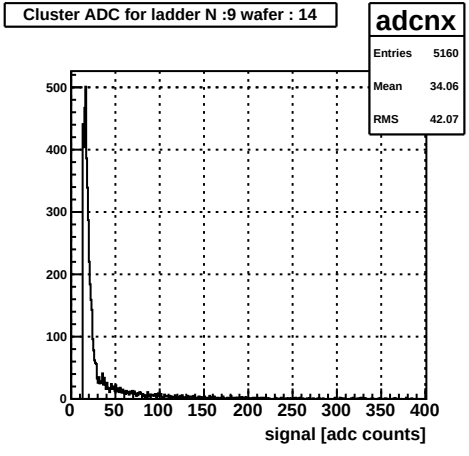

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 956
Mean 64.09
RMS 56.71
signal [adc counts]

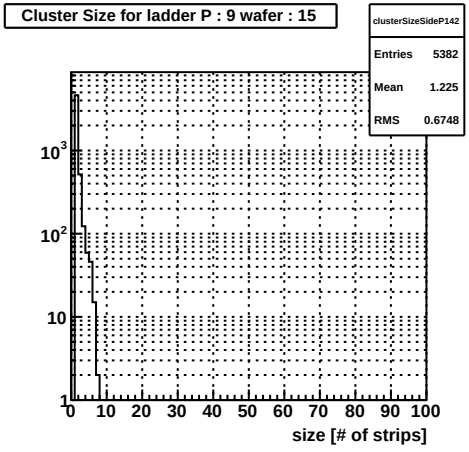

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2492
Mean 1.183
RMS 0.4974
size [# of strips]

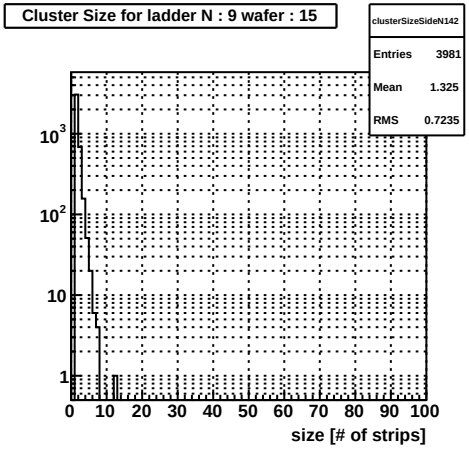

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5160
Mean 1.175
RMS 0.49
size [# of strips]

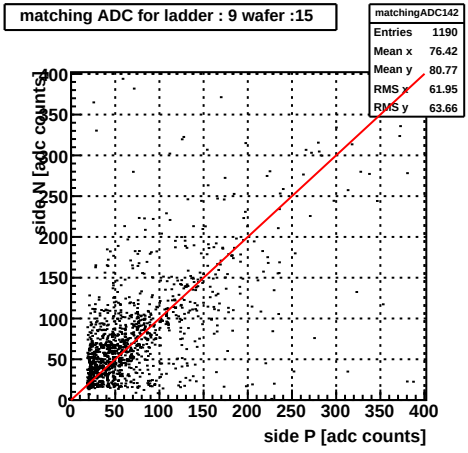

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 556
Mean x 68.05
Mean y 76.4
RMS x 57.16
RMS y 63.41
side N [adc counts]
side P [adc counts]

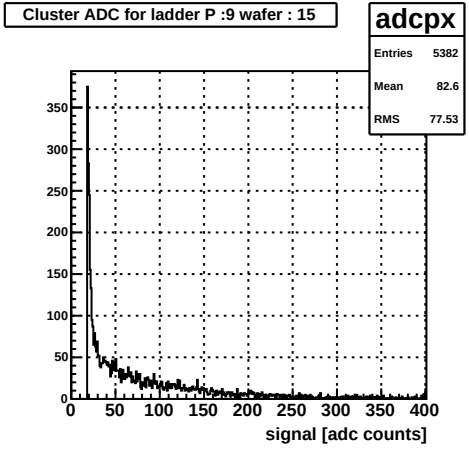

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2492
Mean 43.59
RMS 47.96
signal [adc counts]

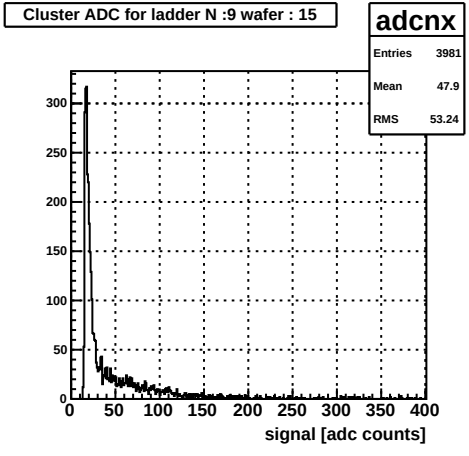

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5160
Mean 34.06
RMS 42.07
signal [adc counts]

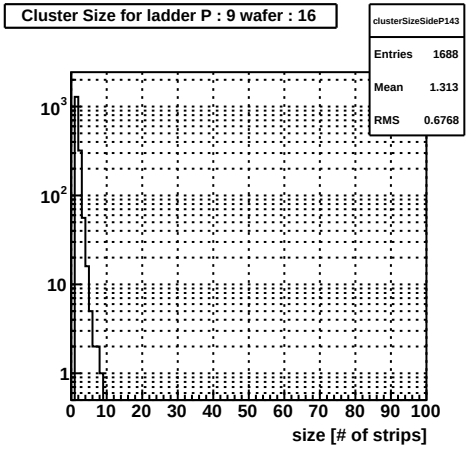

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5382
Mean 1.225
RMS 0.6748
size [# of strips]

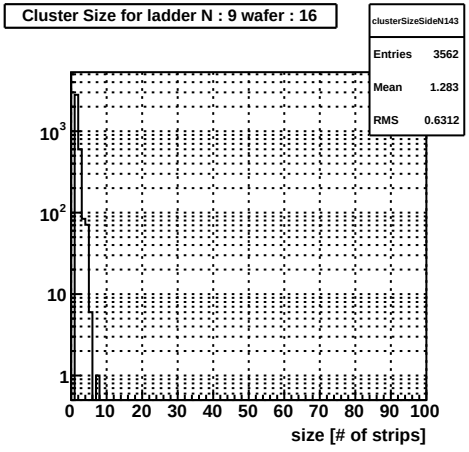

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3981
Mean 1.325
RMS 0.7235
size [# of strips]

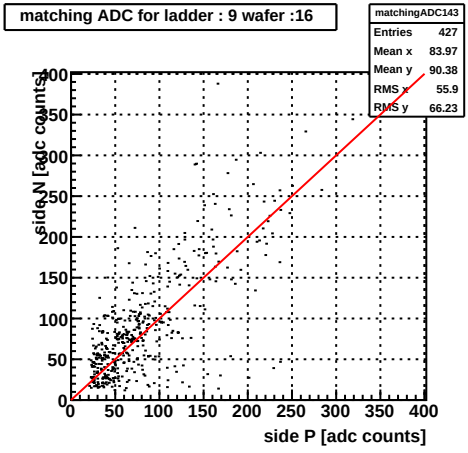

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1190
Mean x 76.42
Mean y 80.77
RMS x 61.95
RMS y 63.66
side N [adc counts]
side P [adc counts]

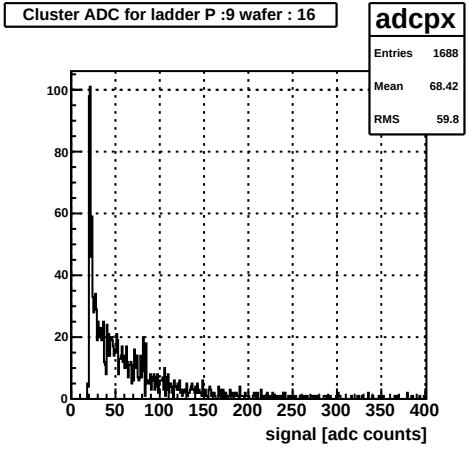

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5382
Mean 82.6
RMS 77.53
signal [adc counts]

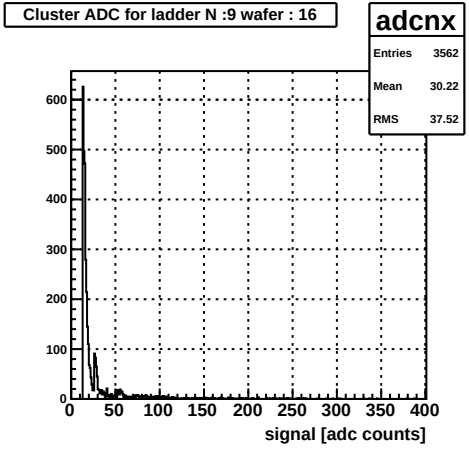

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3981
Mean 47.9
RMS 53.24
signal [adc counts]

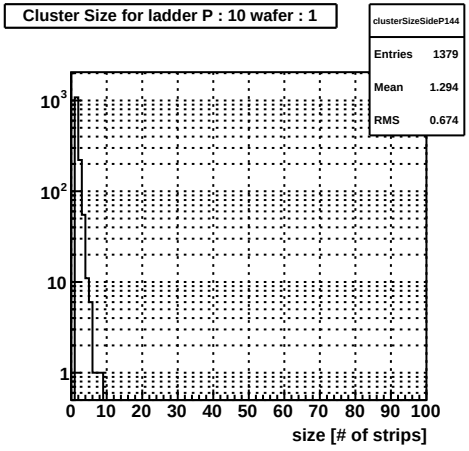

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1688
Mean 1.313
RMS 0.6768
size [# of strips]

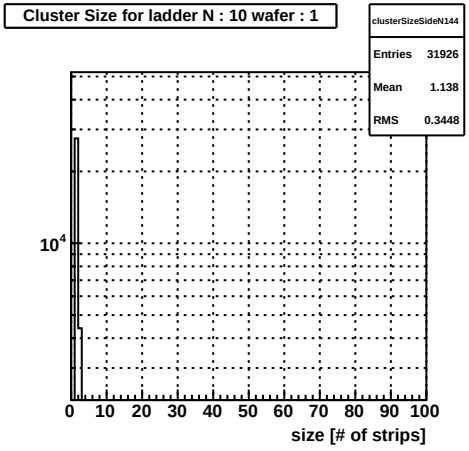

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3562
Mean 1.283
RMS 0.6312
size [# of strips]

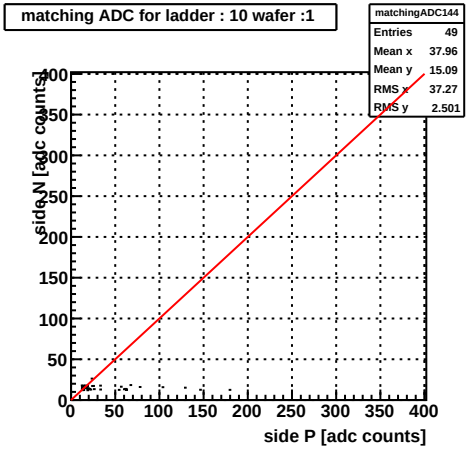

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 427
Mean x 83.97
Mean y 90.38
RMS x 55.9
RMS y 66.23
side N [adc counts]
side P [adc counts]

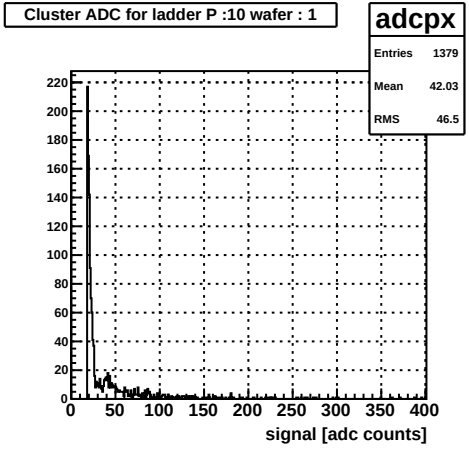

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1688
Mean 68.42
RMS 59.8
signal [adc counts]

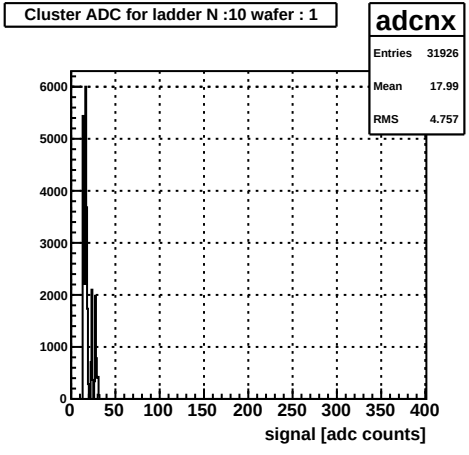

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3562
Mean 30.22
RMS 37.52
signal [adc counts]

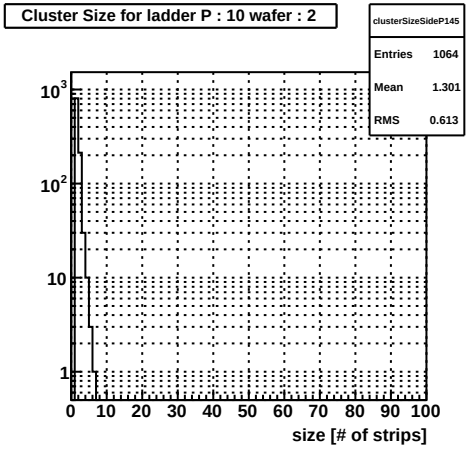

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1379
Mean 1.294
RMS 0.674
size [# of strips]

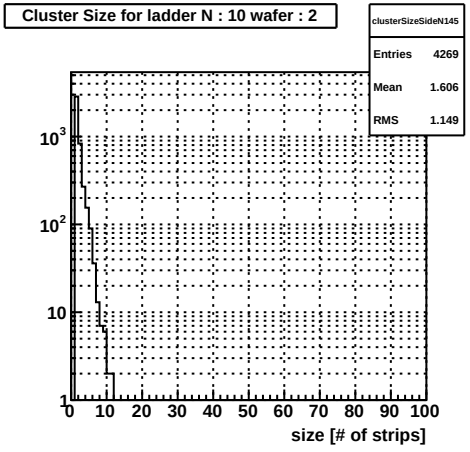

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 31926
Mean 1.138
RMS 0.3448
size [# of strips]

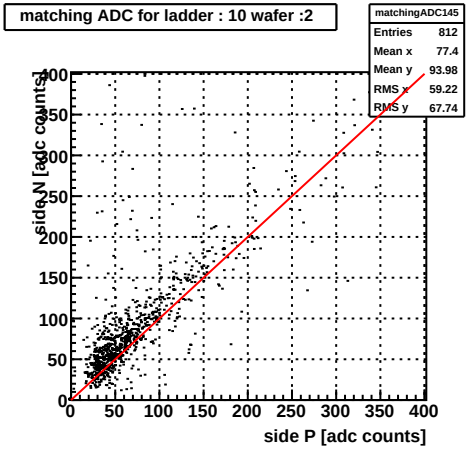

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 49
Mean x 37.96
Mean y 15.09
RMS x 37.27
RMS y 2.501
side N [adc counts]
side P [adc counts]

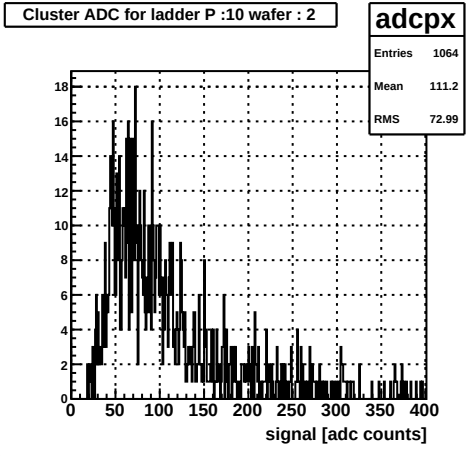

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1379
Mean 42.03
RMS 46.5
signal [adc counts]

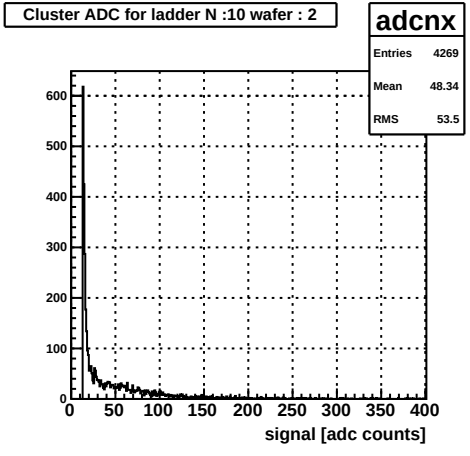

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 31926
Mean 17.99
RMS 4.757
signal [adc counts]

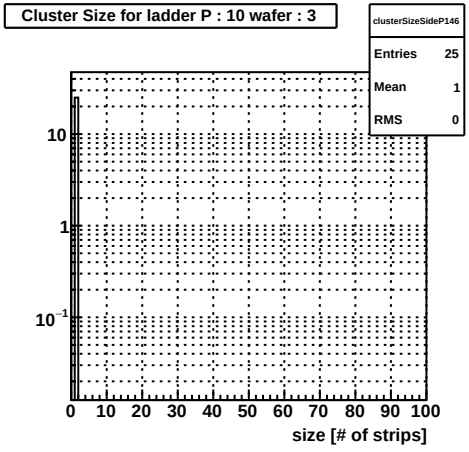

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1064
Mean 1.301
RMS 0.613
size [# of strips]

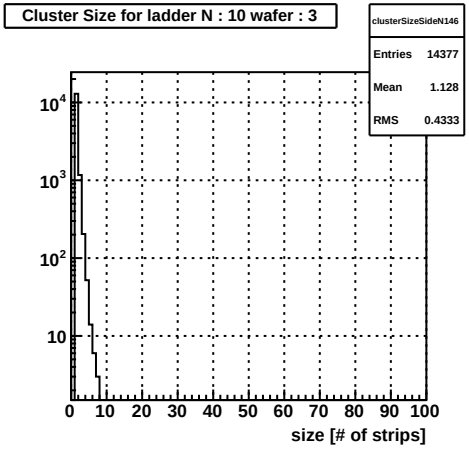

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4269
Mean 1.606
RMS 1.149
size [# of strips]

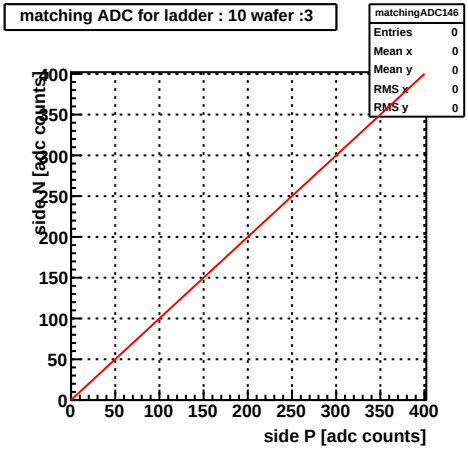

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 812
Mean x 77.4
Mean y 93.98
RMS x 59.22
RMS y 67.74
side N [adc counts]
side P [adc counts]

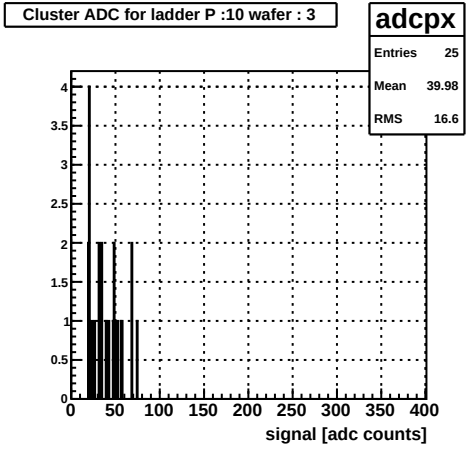

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1064
Mean 111.2
RMS 72.99
signal [adc counts]

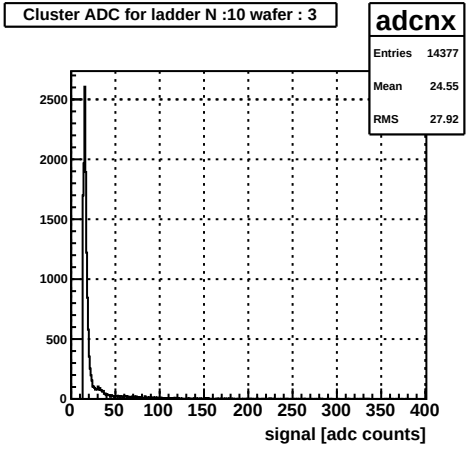

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4269
Mean 48.34
RMS 53.5
signal [adc counts]

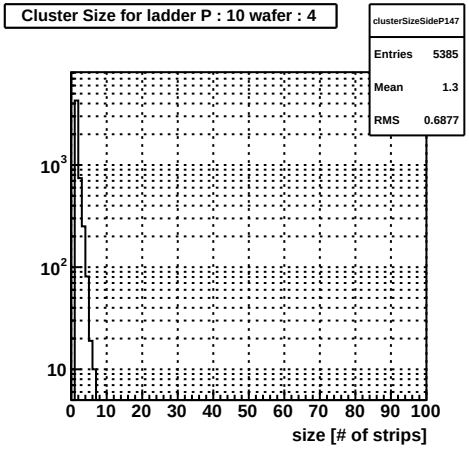

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 25
Mean 1
RMS 0
size [# of strips]

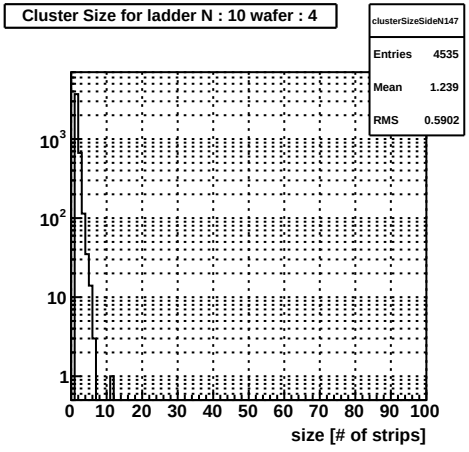

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14377
Mean 1.128
RMS 0.4333
size [# of strips]

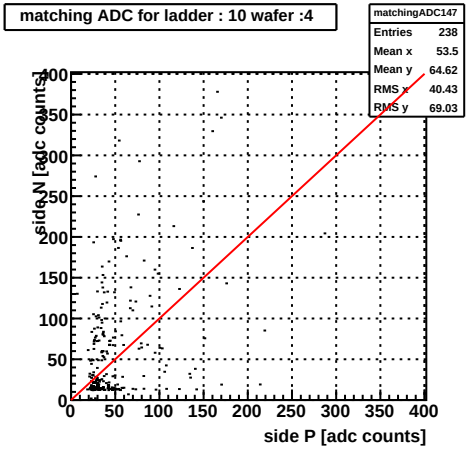

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

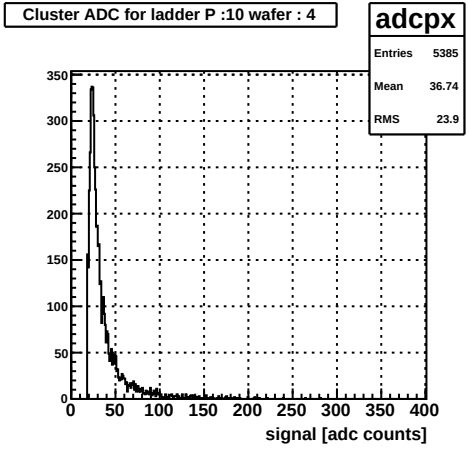

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 25
Mean 39.98
RMS 16.6
signal [adc counts]

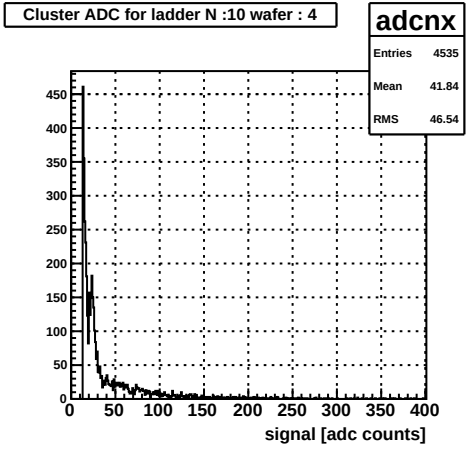

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14377
Mean 24.55
RMS 27.92
signal [adc counts]

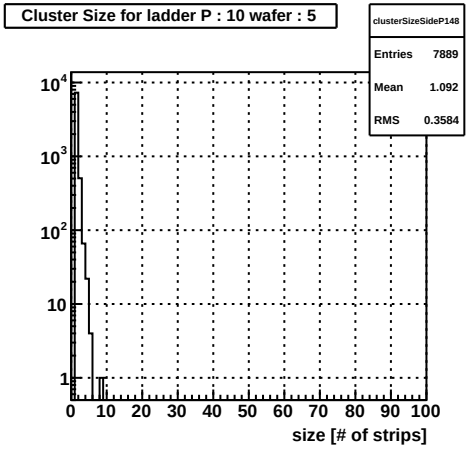

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 5385
Mean 1.3
RMS 0.6877
size [# of strips]

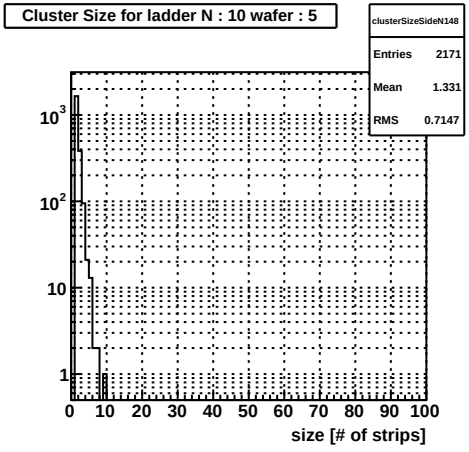

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 4535
Mean 1.239
RMS 0.5902
size [# of strips]

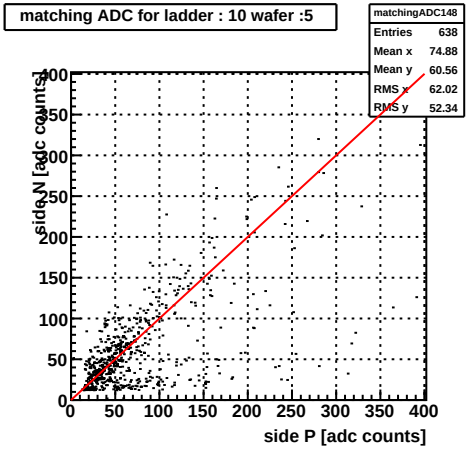

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 238
Mean x 53.5
Mean y 64.62
RMS x 40.43
RMS y 69.03
side N [adc counts]
side P [adc counts]

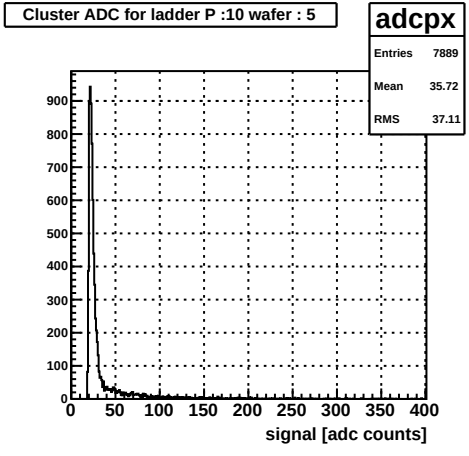

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 5385
Mean 36.74
RMS 23.9
signal [adc counts]

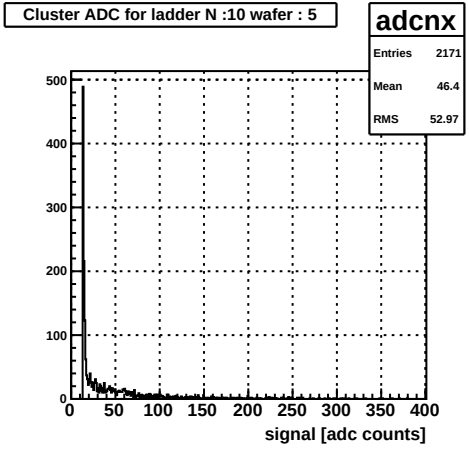

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 4535
Mean 41.84
RMS 46.54
signal [adc counts]

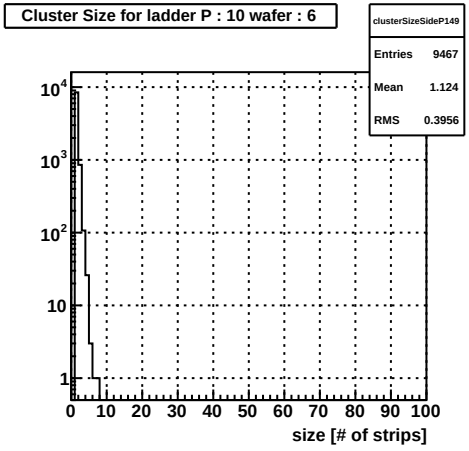

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7889
Mean 1.092
RMS 0.3584
size [# of strips]

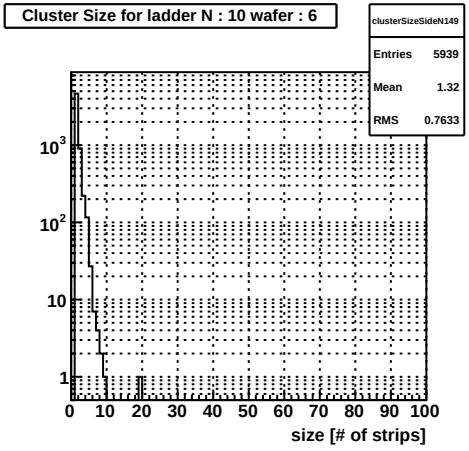

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2171
Mean 1.331
RMS 0.7147
size [# of strips]

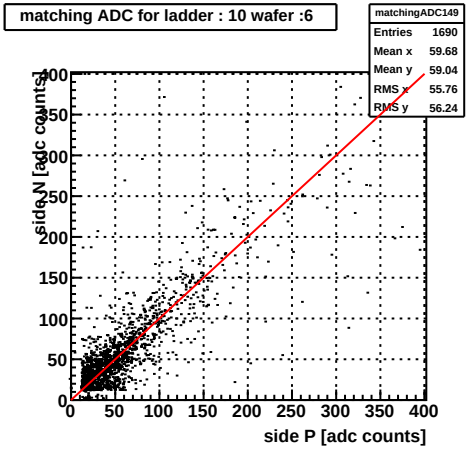

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 638
Mean x 74.88
Mean y 60.56
RMS x 62.02
RMS y 52.34
side N [adc counts]
side P [adc counts]

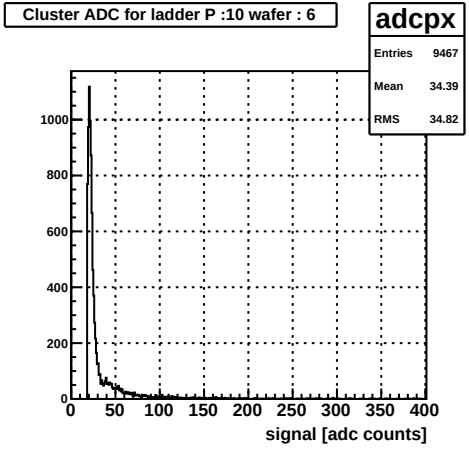

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7889
Mean 35.72
RMS 37.11
signal [adc counts]

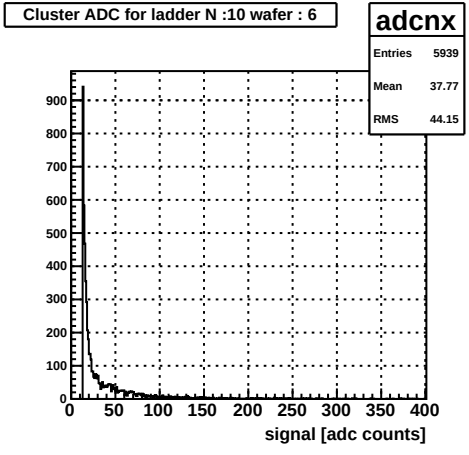

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2171
Mean 46.4
RMS 52.97
signal [adc counts]

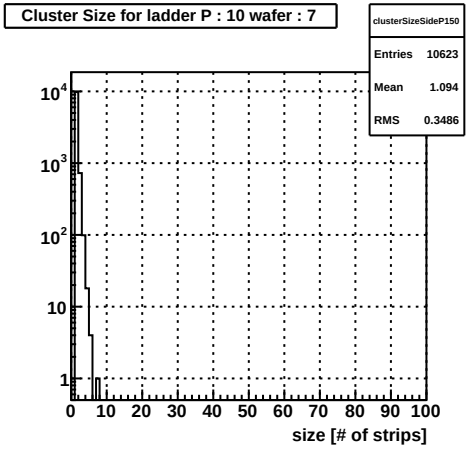

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9467
Mean 1.124
RMS 0.3956
size [# of strips]

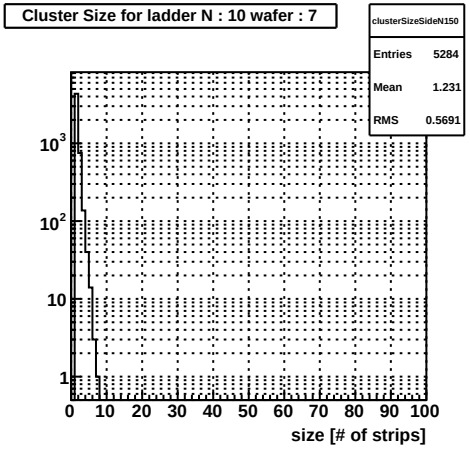

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5939
Mean 1.32
RMS 0.7633
size [# of strips]

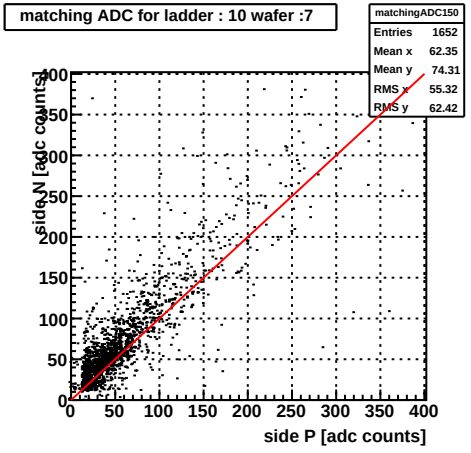

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1690
Mean x 59.68
Mean y 59.04
RMS x 55.76
RMS y 56.24
side N [adc counts]
side P [adc counts]

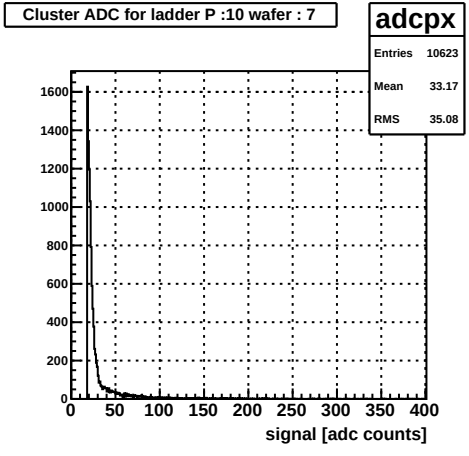

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9467
Mean 34.39
RMS 34.82
signal [adc counts]

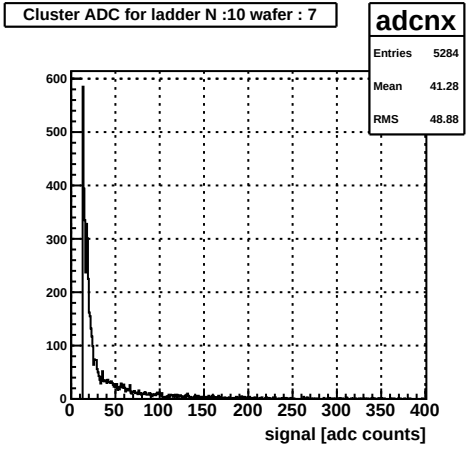

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5939
Mean 37.77
RMS 44.15
signal [adc counts]

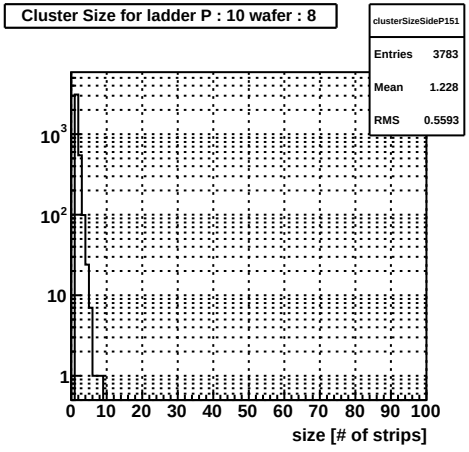

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10623
Mean 1.094
RMS 0.3486
size [# of strips]

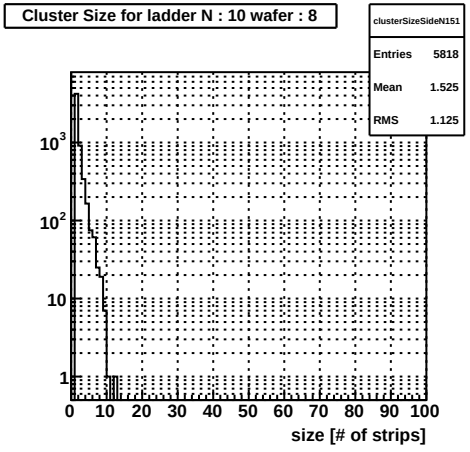

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5284
Mean 1.231
RMS 0.5691
size [# of strips]

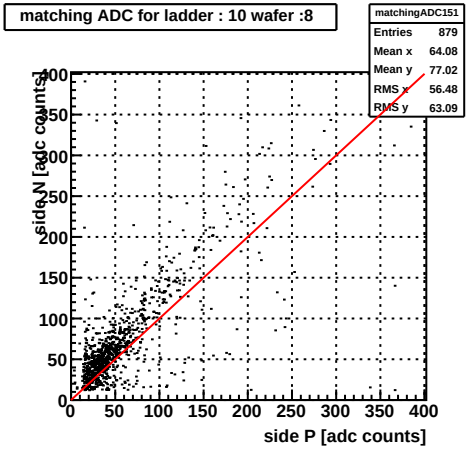

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1652
Mean x 62.35
Mean y 74.31
RMS x 55.32
RMS y 62.42
side N [adc counts]
side P [adc counts]

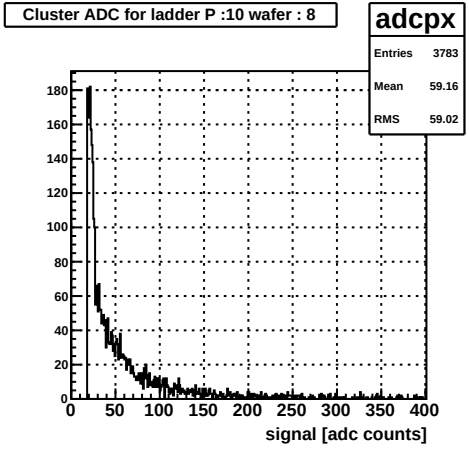

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10623
Mean 33.17
RMS 35.08
signal [adc counts]

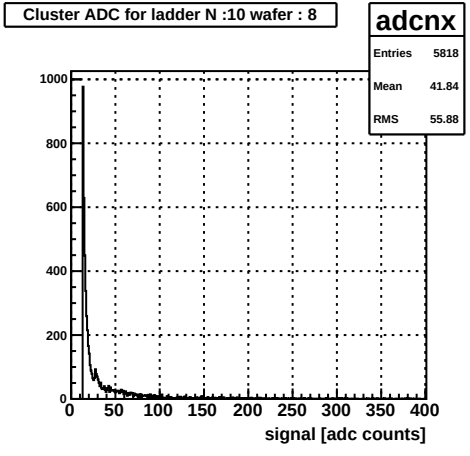

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5284
Mean 41.28
RMS 48.88
signal [adc counts]

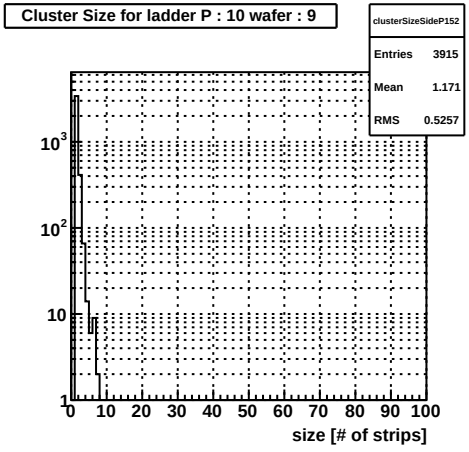

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3783
Mean 1.228
RMS 0.5593
size [# of strips]

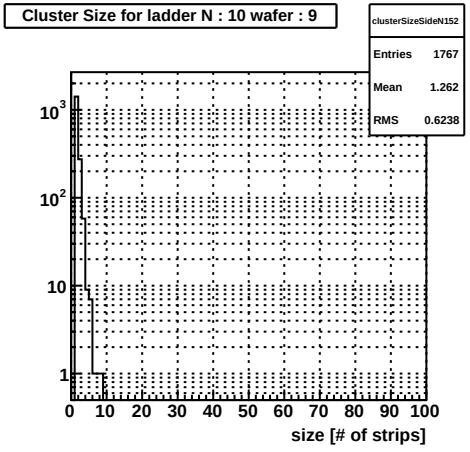

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5818
Mean 1.525
RMS 1.125
size [# of strips]

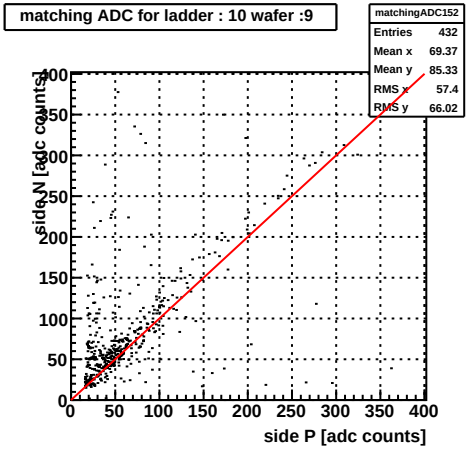

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 879
Mean x 64.08
Mean y 77.02
RMS x 56.48
RMS y 63.09
side N [adc counts]
side P [adc counts]

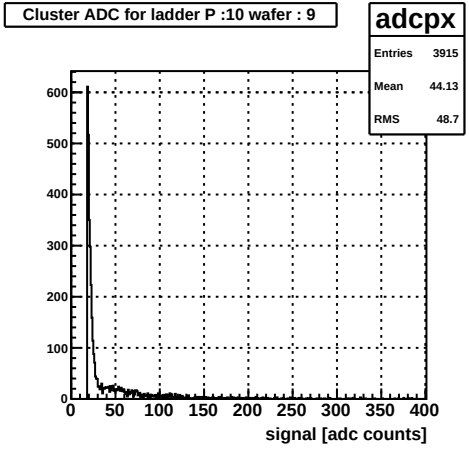

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3783
Mean 59.16
RMS 59.02
signal [adc counts]

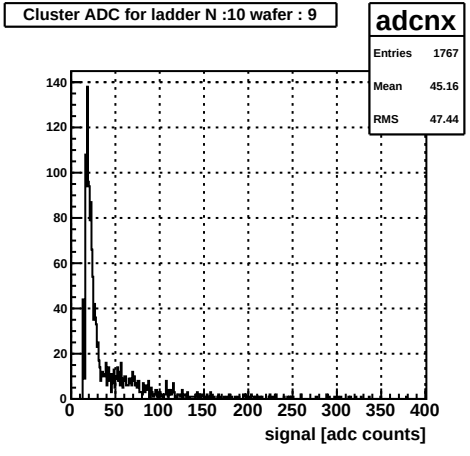

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5818
Mean 41.84
RMS 55.88
signal [adc counts]

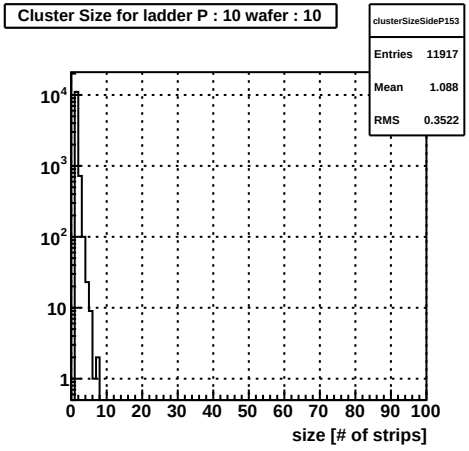

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3915
Mean 1.171
RMS 0.5257
size [# of strips]

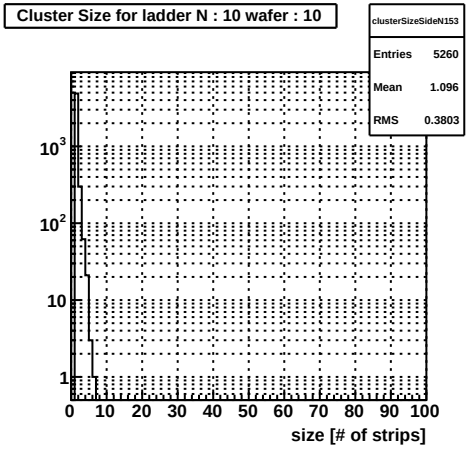

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1767
Mean 1.262
RMS 0.6238
size [# of strips]

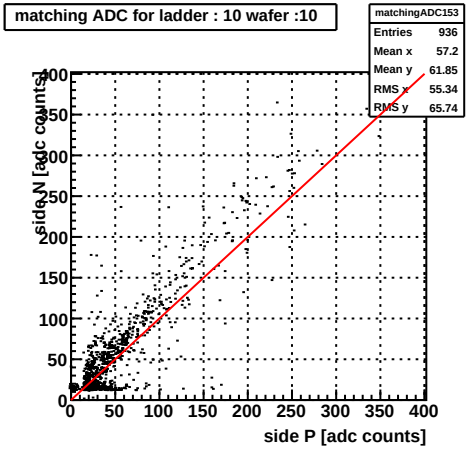

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 432
Mean x 69.37
Mean y 85.33
RMS x 57.4
RMS y 66.02
side N [adc counts]
side P [adc counts]

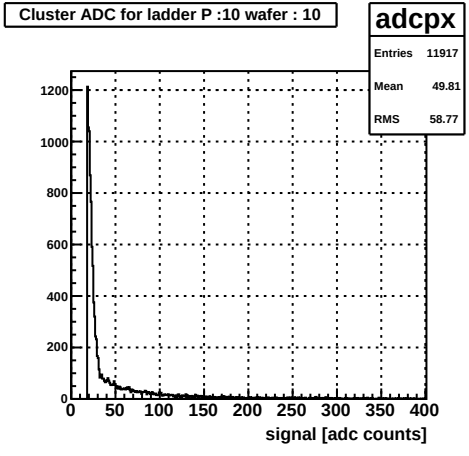

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3915
Mean 44.13
RMS 48.7
signal [adc counts]

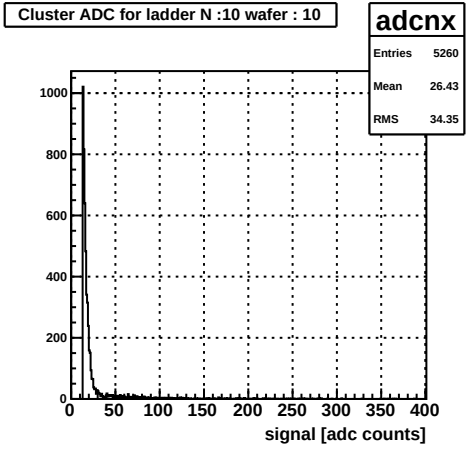

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1767
Mean 45.16
RMS 47.44
signal [adc counts]

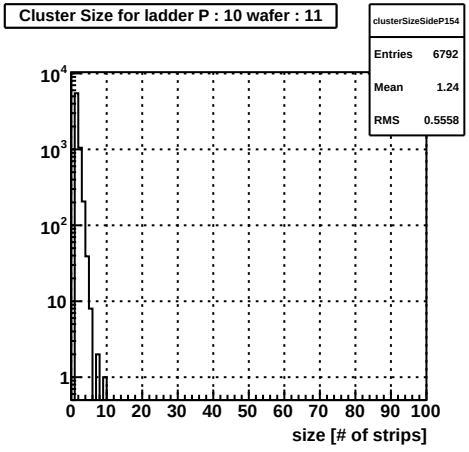

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11917
Mean 1.088
RMS 0.3522
size [# of strips]

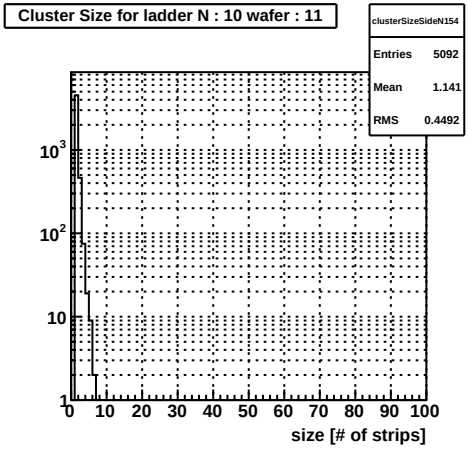

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5260
Mean 1.096
RMS 0.3803
size [# of strips]

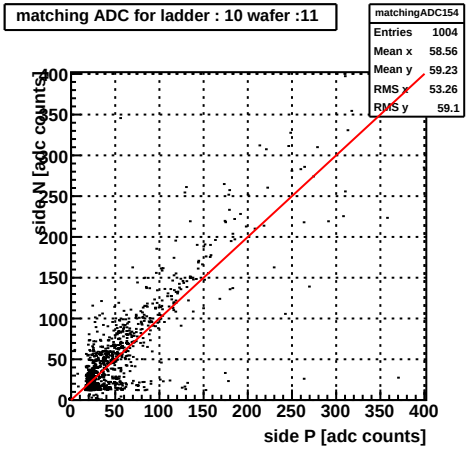

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 936
Mean x 57.2
Mean y 61.85
RMS x 55.34
RMS y 65.74
side N [adc counts]
side P [adc counts]

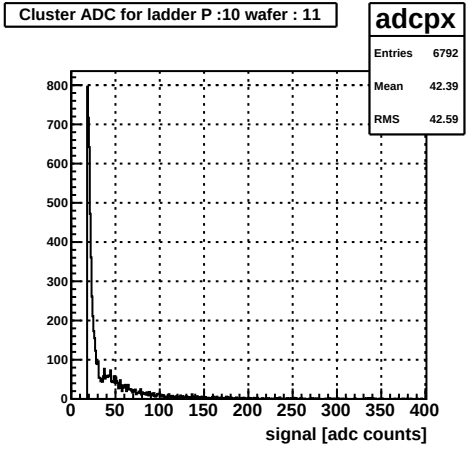

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11917
Mean 49.81
RMS 58.77
signal [adc counts]

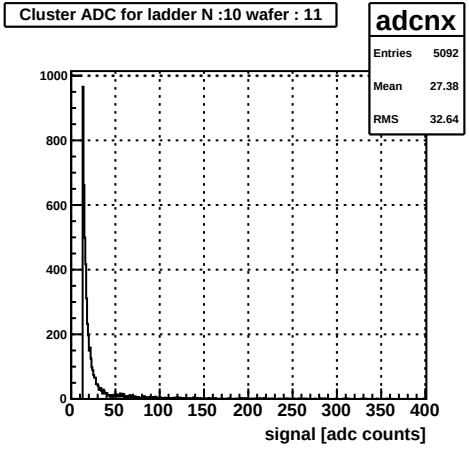

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5260
Mean 26.43
RMS 34.35
signal [adc counts]

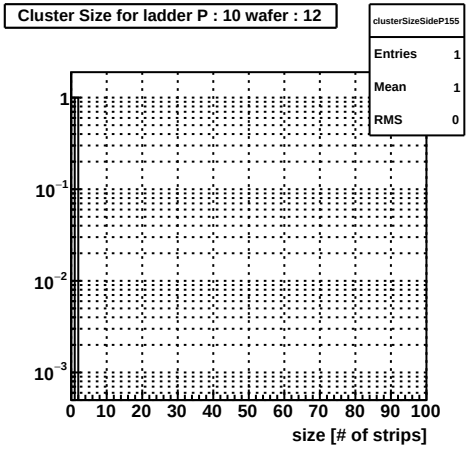

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6792
Mean 1.24
RMS 0.5558
size [# of strips]

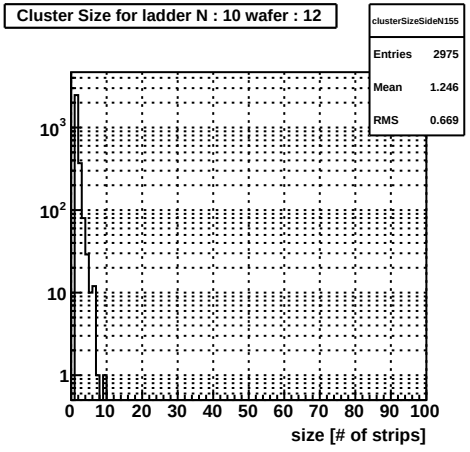

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5092
Mean 1.141
RMS 0.4492
size [# of strips]

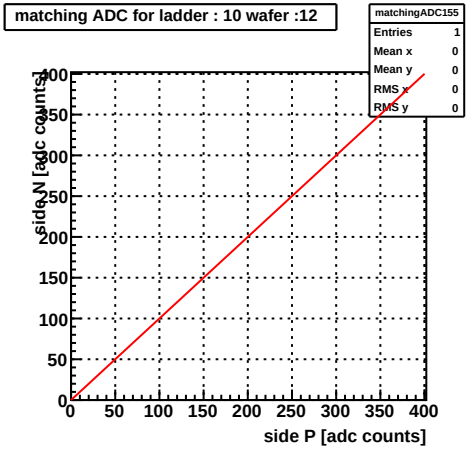

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1004
Mean x 58.56
Mean y 59.23
RMS x 53.26
RMS y 59.1
side N [adc counts]
side P [adc counts]

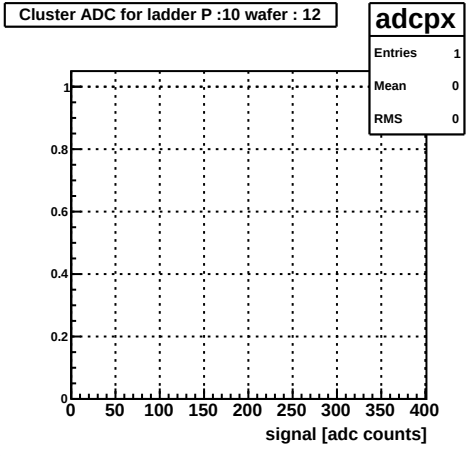

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6792
Mean 42.39
RMS 42.59
signal [adc counts]

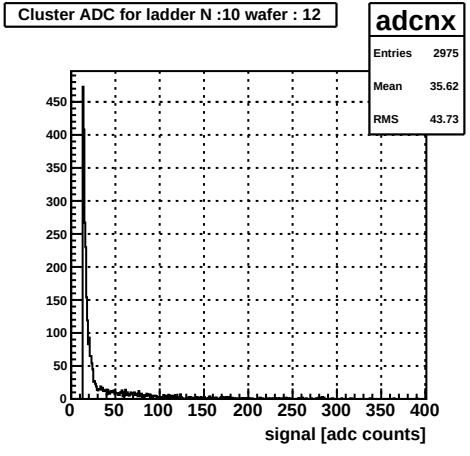

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5092
Mean 27.38
RMS 32.64
signal [adc counts]

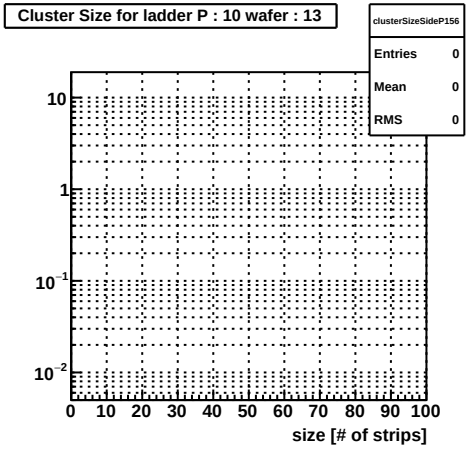

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

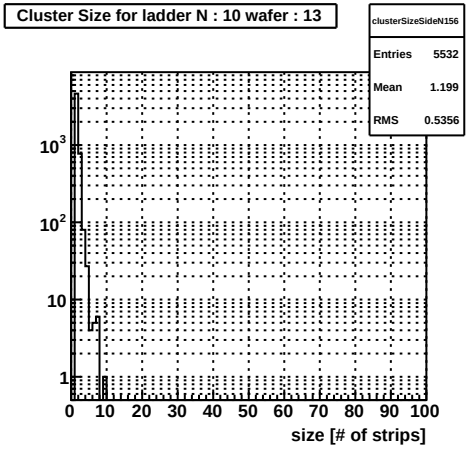

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2975
Mean 1.246
RMS 0.669
size [# of strips]

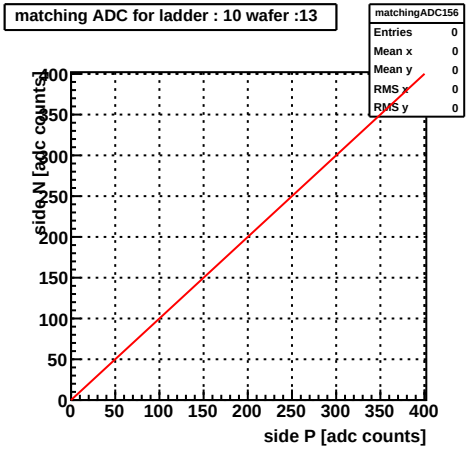

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

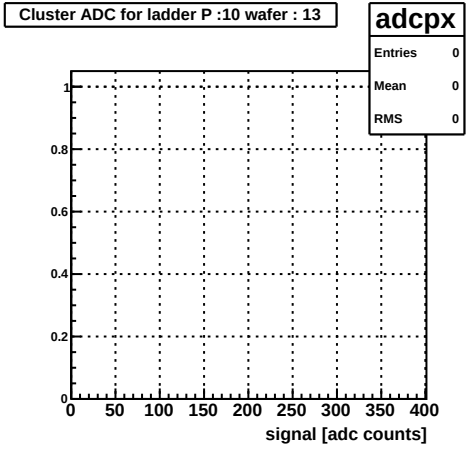

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

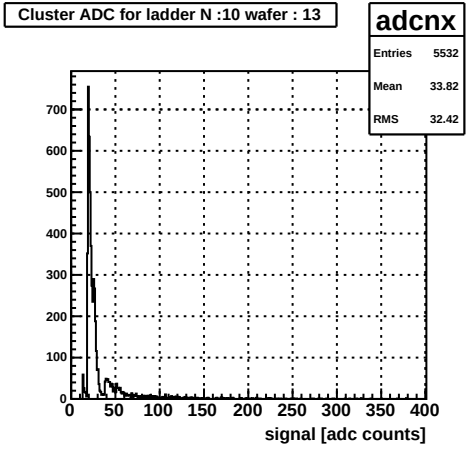

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2975
Mean 35.62
RMS 43.73
signal [adc counts]

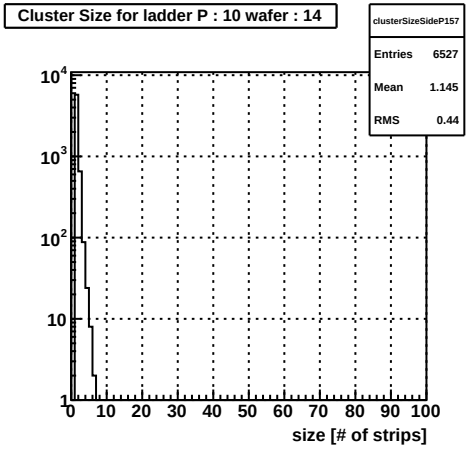

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

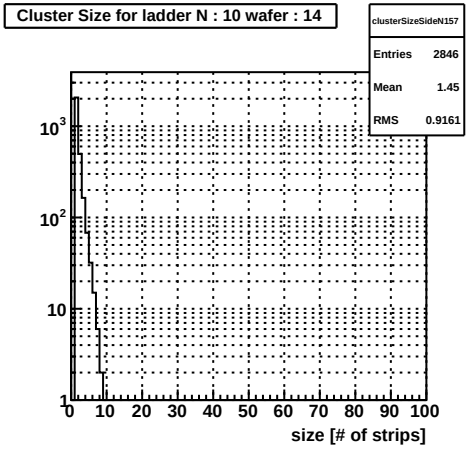

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5532
Mean 1.199
RMS 0.5356
size [# of strips]

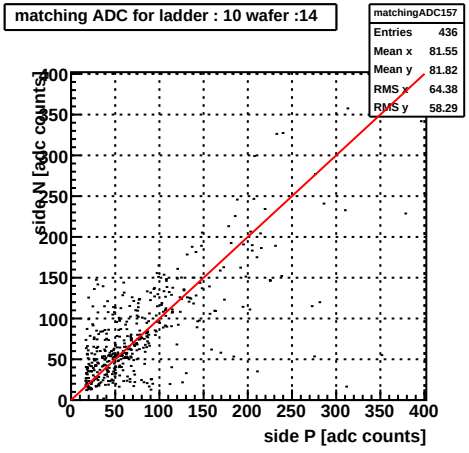

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

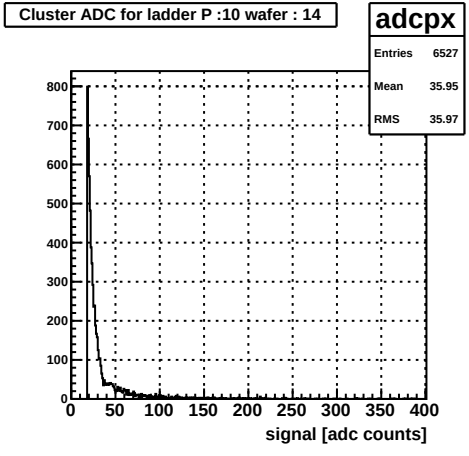

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

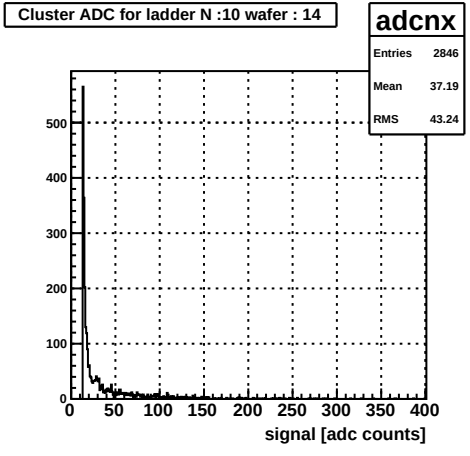

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5532
Mean 33.82
RMS 32.42
signal [adc counts]

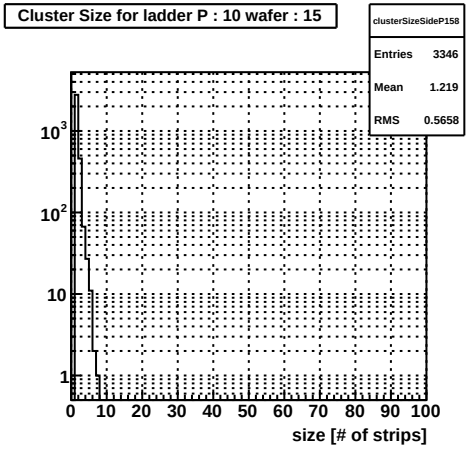

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6527
Mean 1.145
RMS 0.44
size [# of strips]

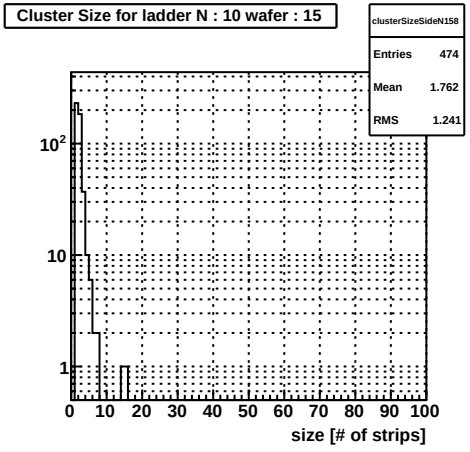

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2846
Mean 1.45
RMS 0.9161
size [# of strips]

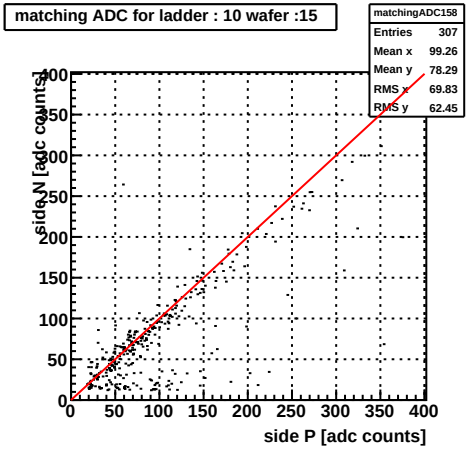

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 436
Mean x 81.55
Mean y 81.82
RMS x 64.38
RMS y 58.29
side N [adc counts]
side P [adc counts]

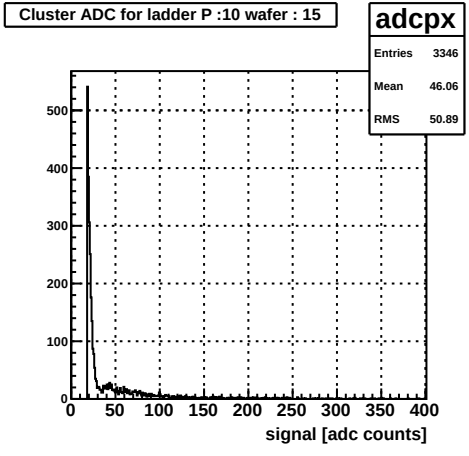

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6527
Mean 35.95
RMS 35.97
signal [adc counts]

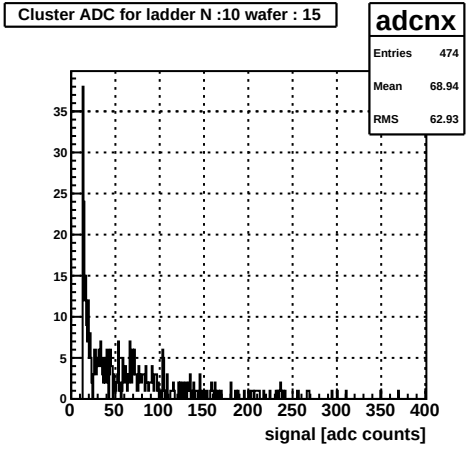

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2846
Mean 37.19
RMS 43.24
signal [adc counts]

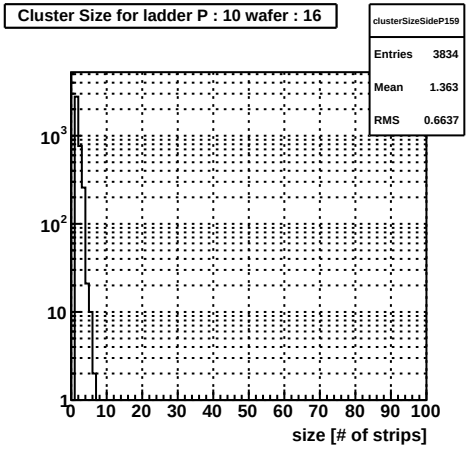

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3346
Mean 1.219
RMS 0.5658
size [# of strips]

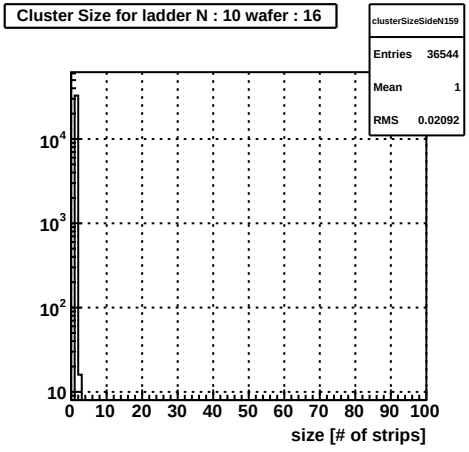

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 474
Mean 1.762
RMS 1.241
size [# of strips]

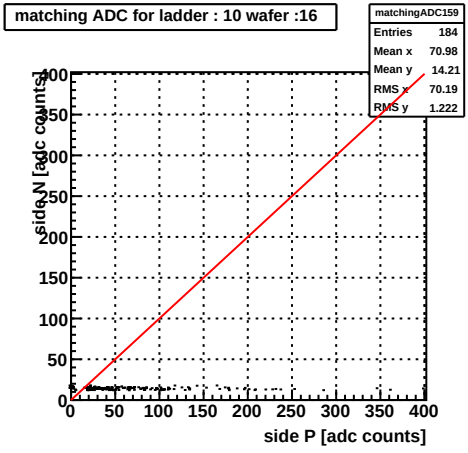

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 307
Mean x 99.26
Mean y 78.29
RMS x 69.83
RMS y 62.45
side N [adc counts]
side P [adc counts]

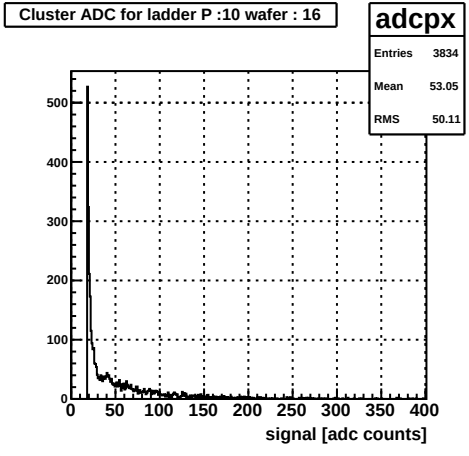

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3346
Mean 46.06
RMS 50.89
signal [adc counts]

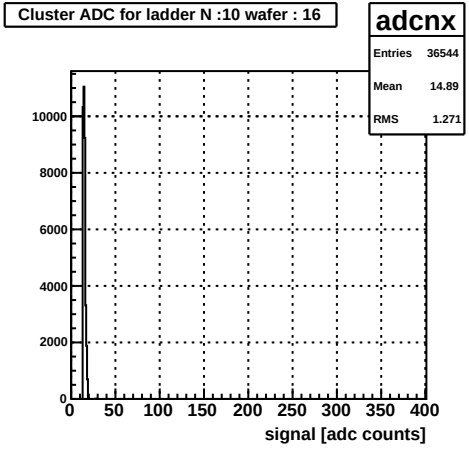

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 474
Mean 68.94
RMS 62.93
signal [adc counts]

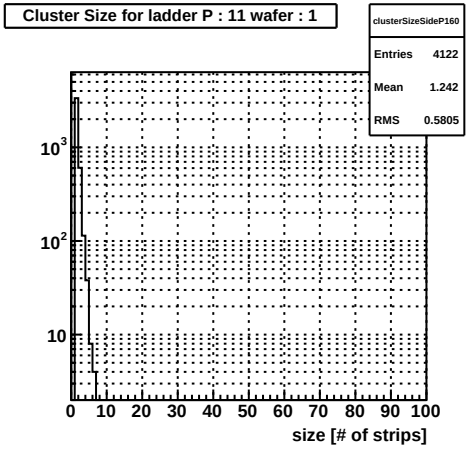

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3834
Mean 1.363
RMS 0.6637
size [# of strips]

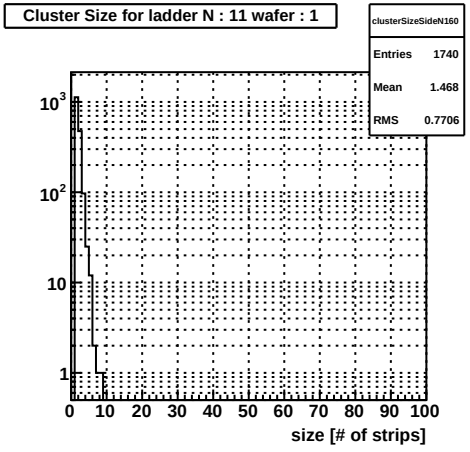

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 36544
Mean 1
RMS 0.02092
size [# of strips]

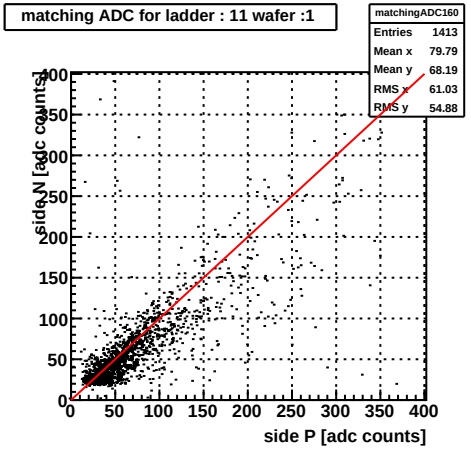

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 184
Mean x 70.98
Mean y 14.21
RMS x 70.19
RMS y 1.222
side N [adc counts]
side P [adc counts]

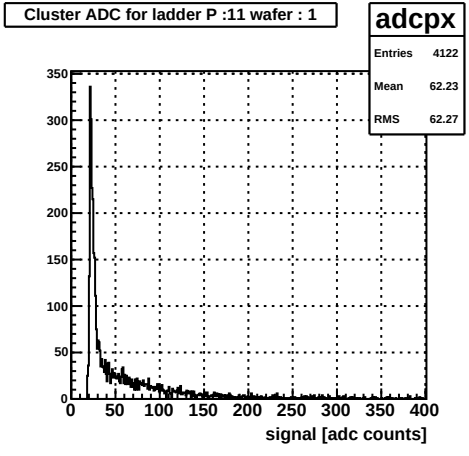

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3834
Mean 53.05
RMS 50.11
signal [adc counts]

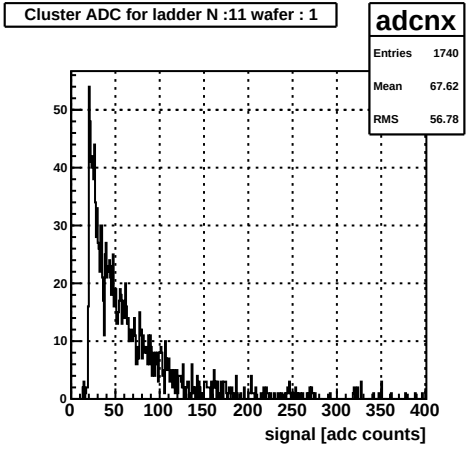

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 36544
Mean 14.89
RMS 1.271
signal [adc counts]

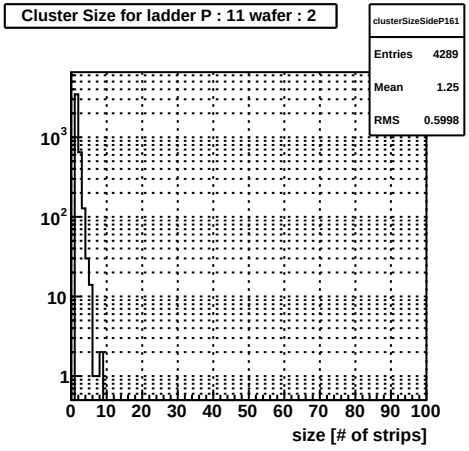

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4122
Mean 1.242
RMS 0.5805
size [# of strips]

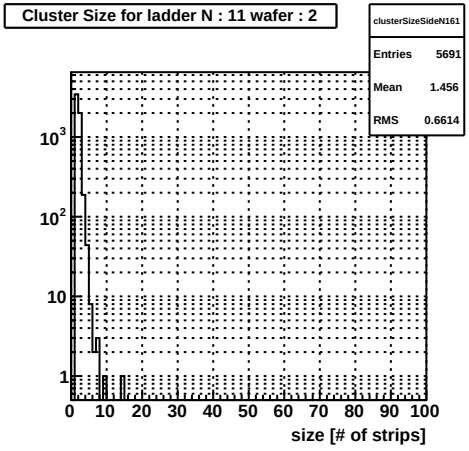

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1740
Mean 1.468
RMS 0.7706
size [# of strips]

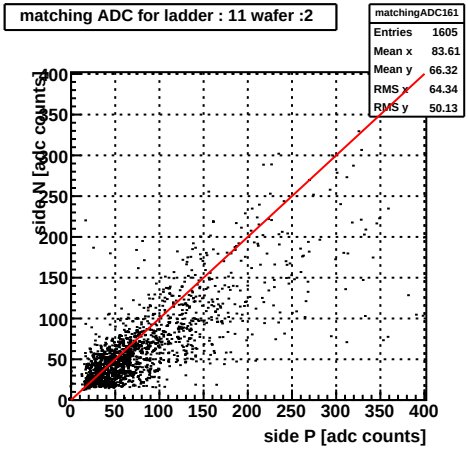

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1413
Mean x 79.79
Mean y 68.19
RMS x 61.03
RMS y 54.88
side N [adc counts]
side P [adc counts]

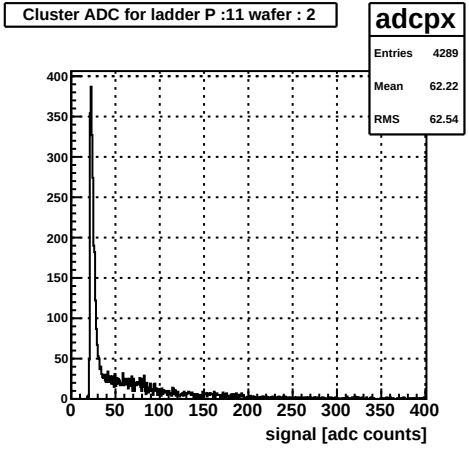

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4122
Mean 62.23
RMS 62.27
signal [adc counts]

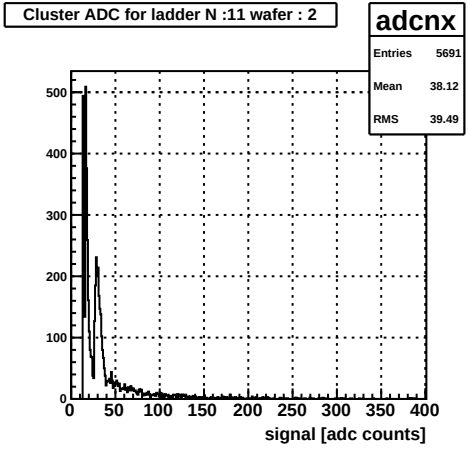

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1740
Mean 67.62
RMS 56.78
signal [adc counts]

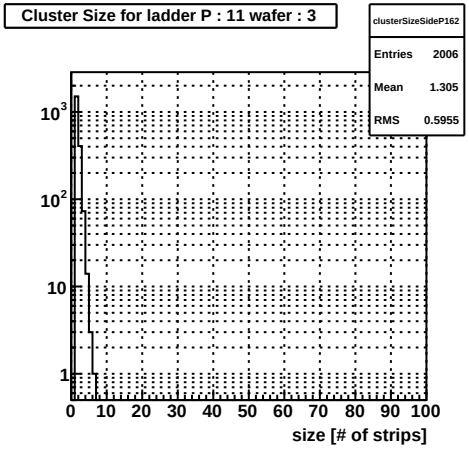

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4289
Mean 1.25
RMS 0.5998
size [# of strips]

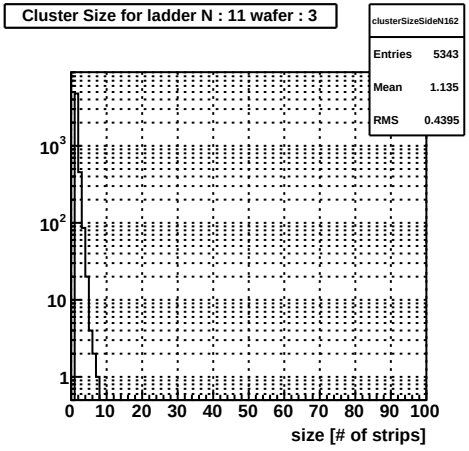

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5691
Mean 1.456
RMS 0.6614
size [# of strips]

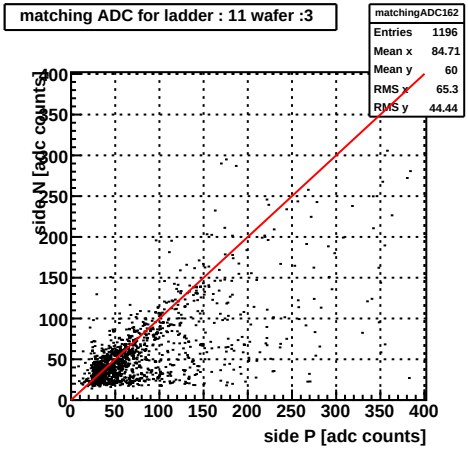

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1605
Mean x 83.61
Mean y 66.32
RMS x 64.34
RMS y 50.13
side N [adc counts]
side P [adc counts]

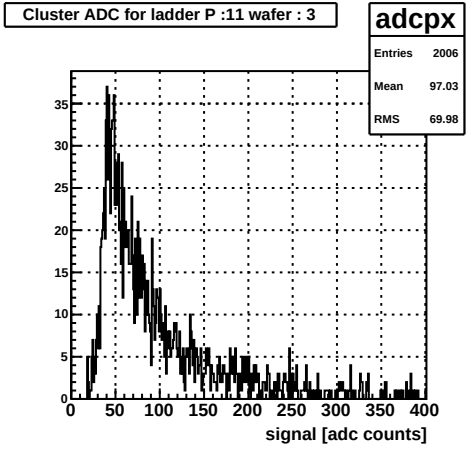

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4289
Mean 62.22
RMS 62.54
signal [adc counts]

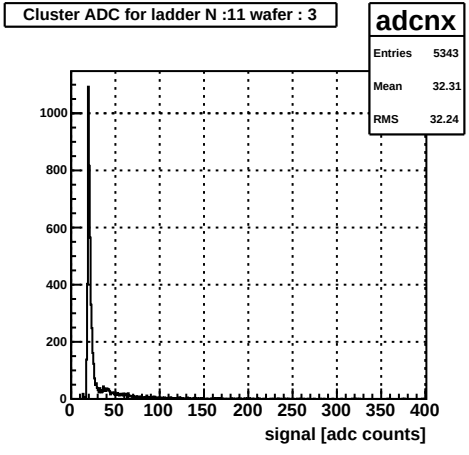

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5691
Mean 38.12
RMS 39.49
signal [adc counts]

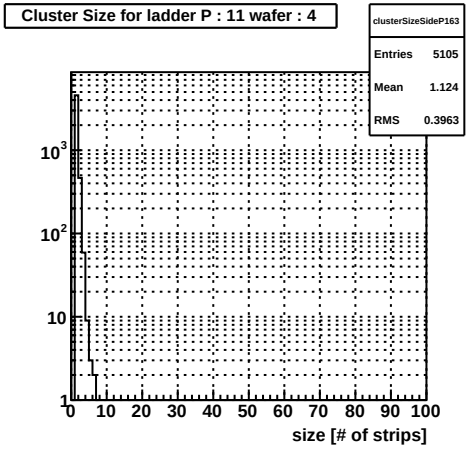

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2006
Mean 1.305
RMS 0.5955
size [# of strips]

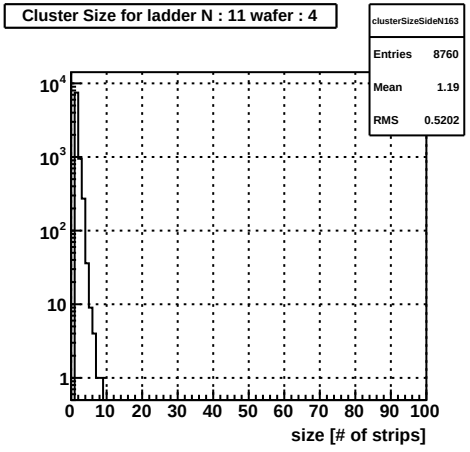

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5343
Mean 1.135
RMS 0.4395
size [# of strips]

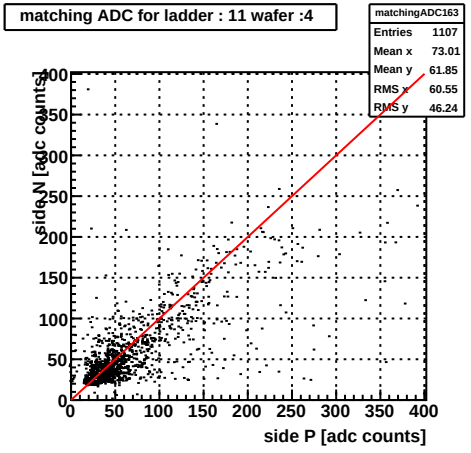

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1196
Mean x 84.71
Mean y 60
RMS x 65.3
RMS y 44.44
side N [adc counts]
side P [adc counts]

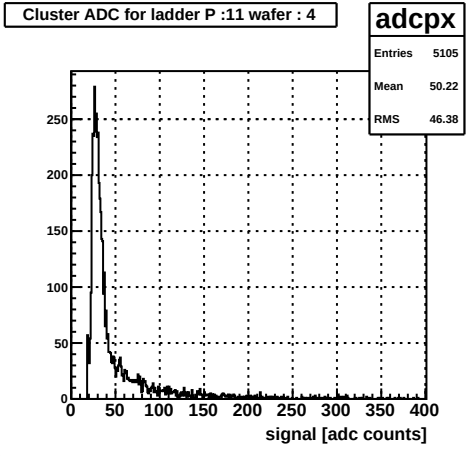

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2006
Mean 97.03
RMS 69.98
signal [adc counts]

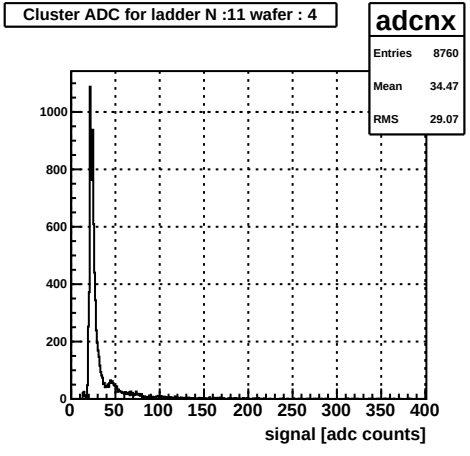

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5343
Mean 32.31
RMS 32.24
signal [adc counts]

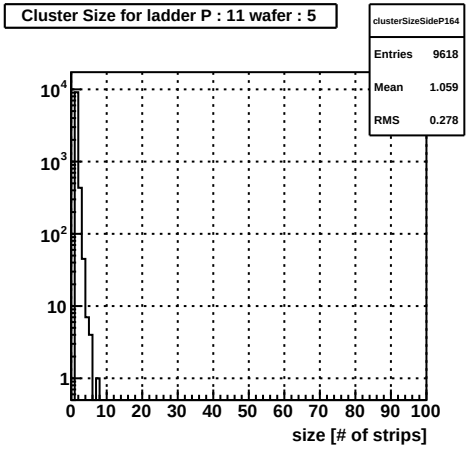

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5105
Mean 1.124
RMS 0.3963
size [# of strips]

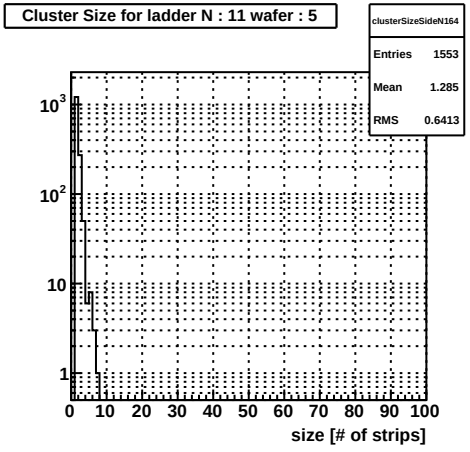

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 8760
Mean 1.19
RMS 0.5202
size [# of strips]

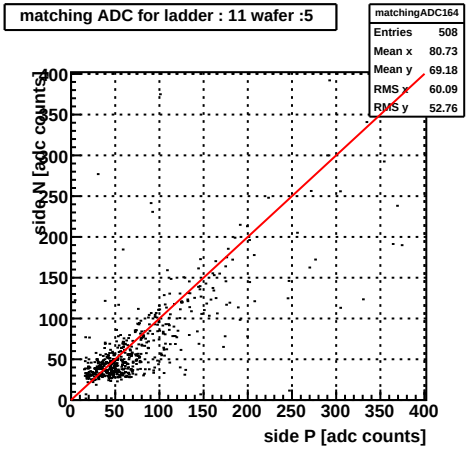

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1107
Mean x 73.01
Mean y 61.85
RMS x 60.55
RMS y 46.24
side N [adc counts]
side P [adc counts]

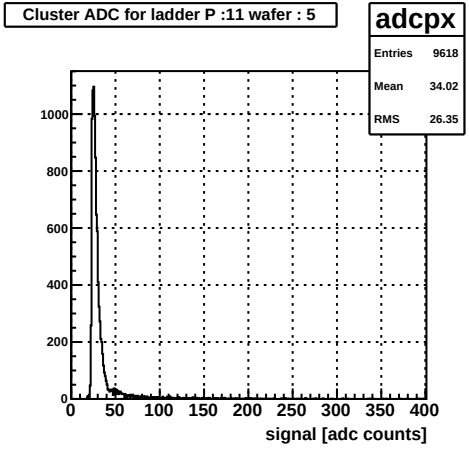

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5105
Mean 50.22
RMS 46.38
signal [adc counts]

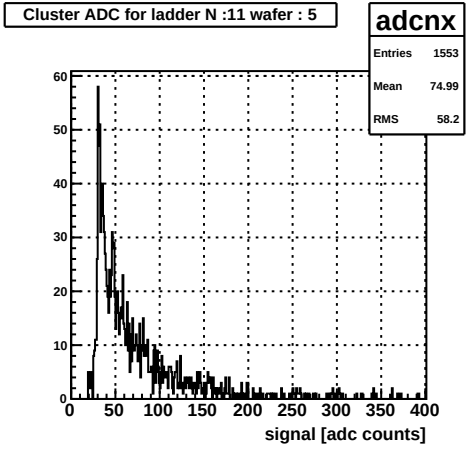

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 8760
Mean 34.47
RMS 29.07
signal [adc counts]

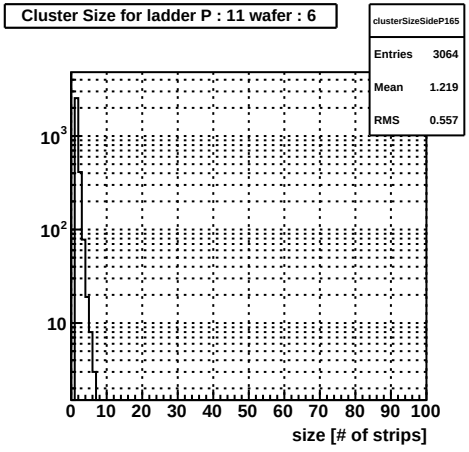

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9618
Mean 1.059
RMS 0.278
size [# of strips]

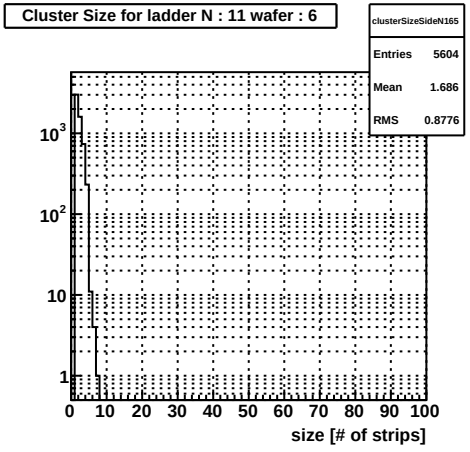

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1553
Mean 1.285
RMS 0.6413
size [# of strips]

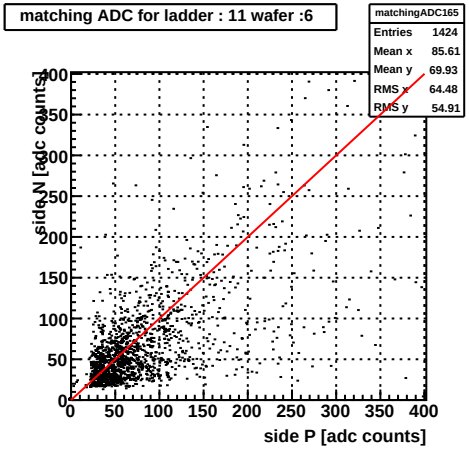

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 508
Mean x 80.73
Mean y 69.18
RMS x 60.09
RMS y 52.76
side N [adc counts]
side P [adc counts]

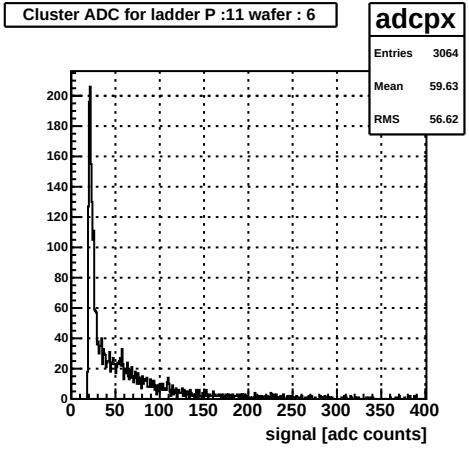

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9618
Mean 34.02
RMS 26.35
signal [adc counts]

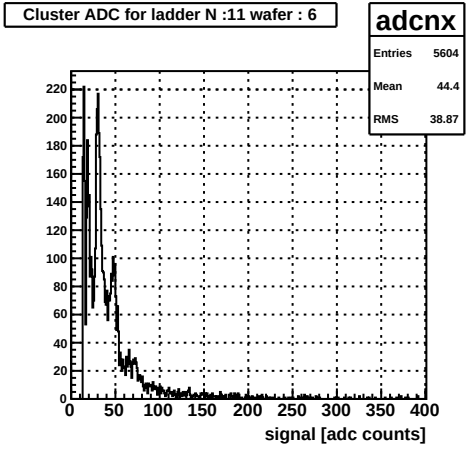

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1553
Mean 74.99
RMS 58.2
signal [adc counts]

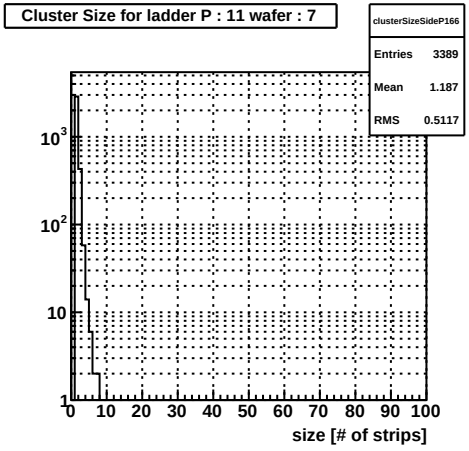

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3064
Mean 1.219
RMS 0.557
size [# of strips]

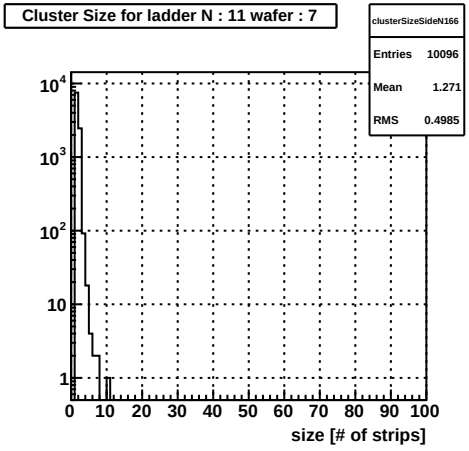

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5604
Mean 1.686
RMS 0.8776
size [# of strips]

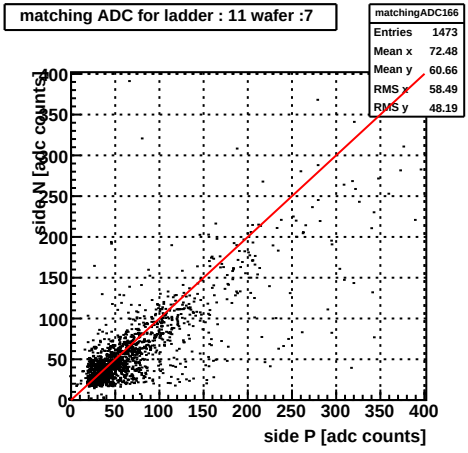

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1424
Mean x 85.61
Mean y 69.93
RMS x 64.48
RMS y 54.91
side N [adc counts]
side P [adc counts]

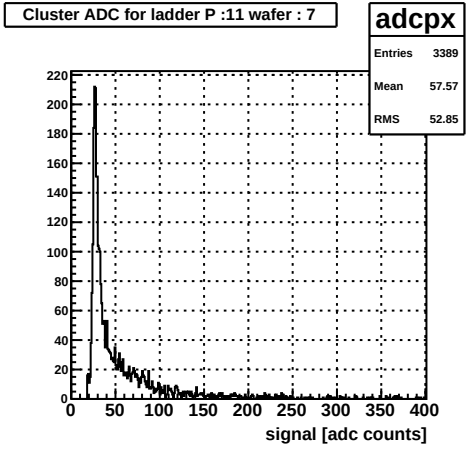

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3064
Mean 59.63
RMS 56.62
signal [adc counts]

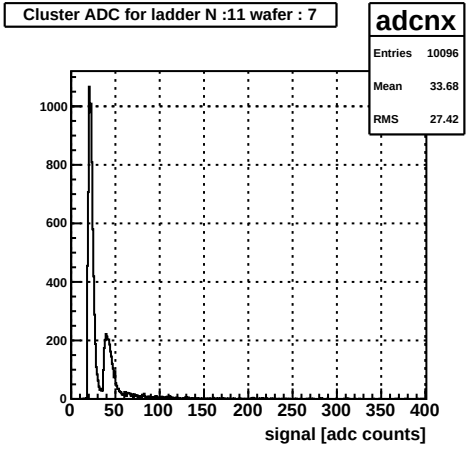

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5604
Mean 44.4
RMS 38.87
signal [adc counts]

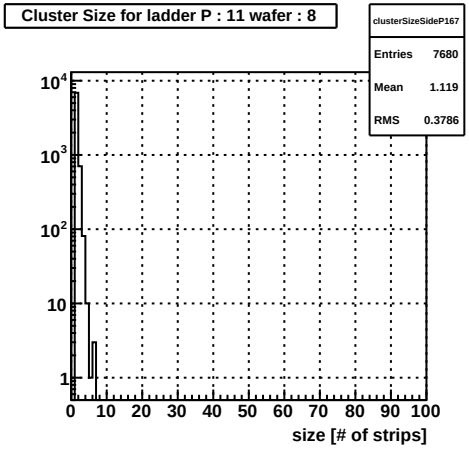

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 3389
Mean 1.187
RMS 0.5117
size [# of strips]

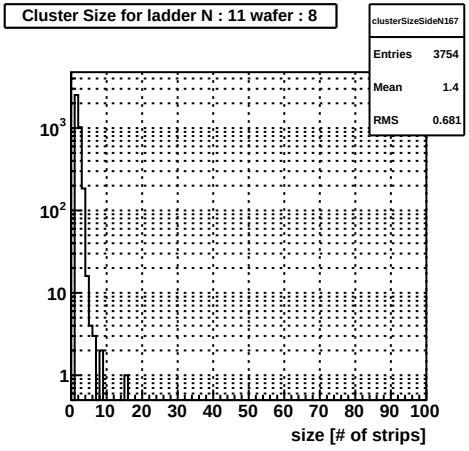

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 10096
Mean 1.271
RMS 0.4985
size [# of strips]

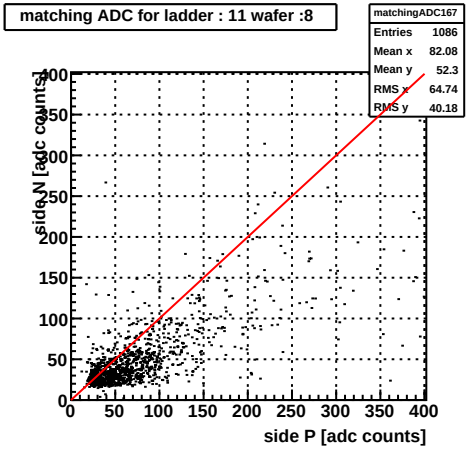

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1473
Mean x 72.48
Mean y 60.66
RMS x 58.49
RMS y 48.19
side N [adc counts]
side P [adc counts]

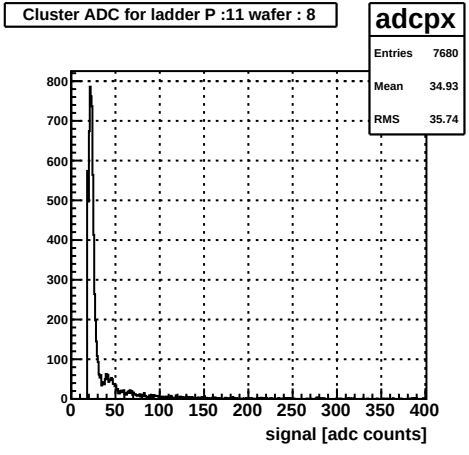

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 3389
Mean 57.57
RMS 52.85
signal [adc counts]

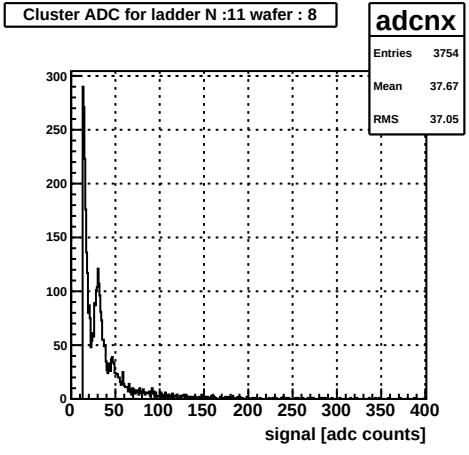

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 10096
Mean 33.68
RMS 27.42
signal [adc counts]

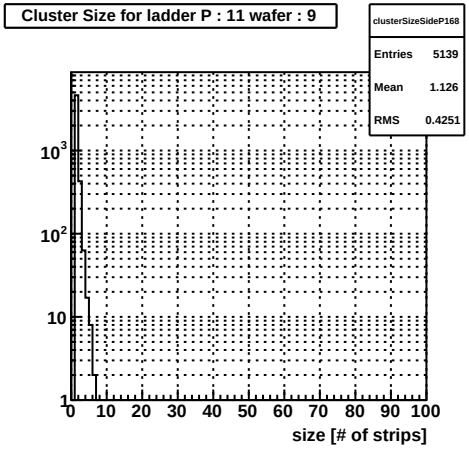

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7680
Mean 1.119
RMS 0.3786
size [# of strips]

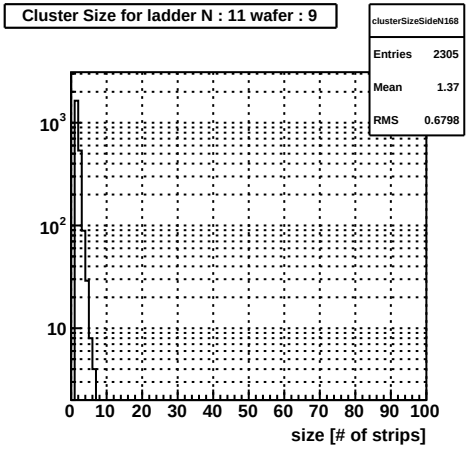

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3754
Mean 1.4
RMS 0.681
size [# of strips]

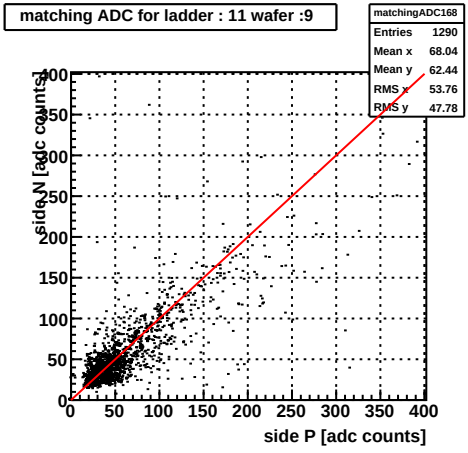

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1086
Mean x 82.08
Mean y 52.3
RMS x 64.74
RMS y 40.18
side N [adc counts]
side P [adc counts]

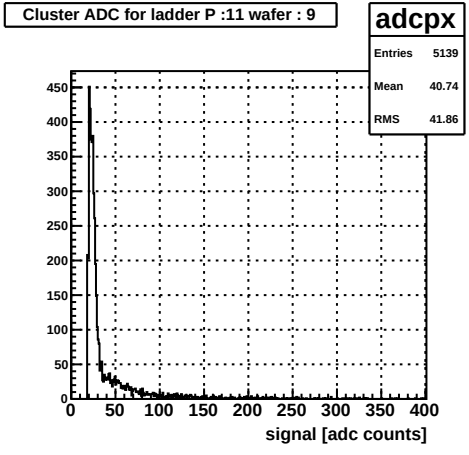

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7680
Mean 34.93
RMS 35.74
signal [adc counts]

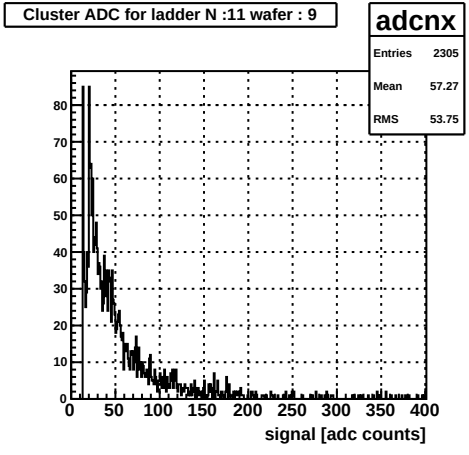

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3754
Mean 37.67
RMS 37.05
signal [adc counts]

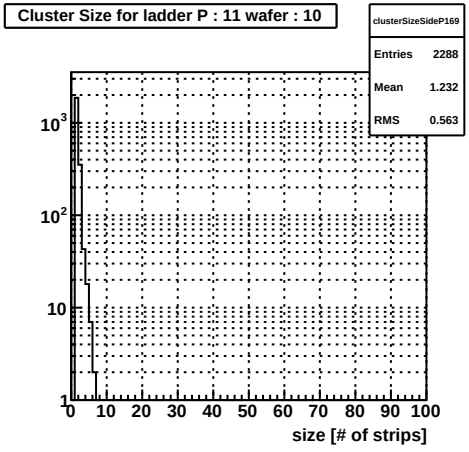

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5139
Mean 1.126
RMS 0.4251
size [# of strips]

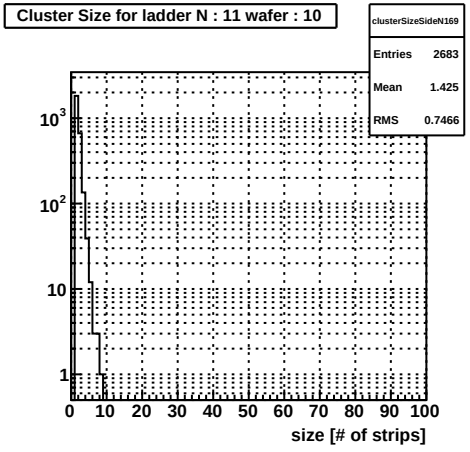

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2305
Mean 1.37
RMS 0.6798
size [# of strips]

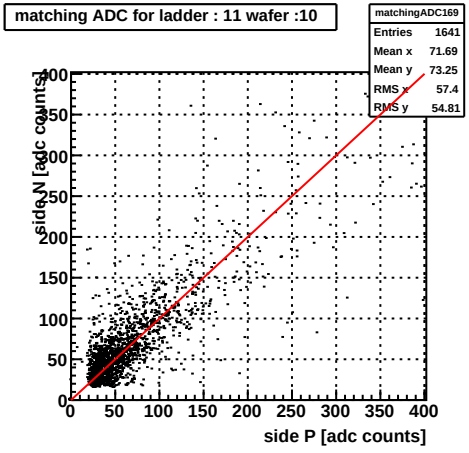

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1290
Mean x 68.04
Mean y 62.44
RMS x 53.76
RMS y 47.78
side N [adc counts]
side P [adc counts]

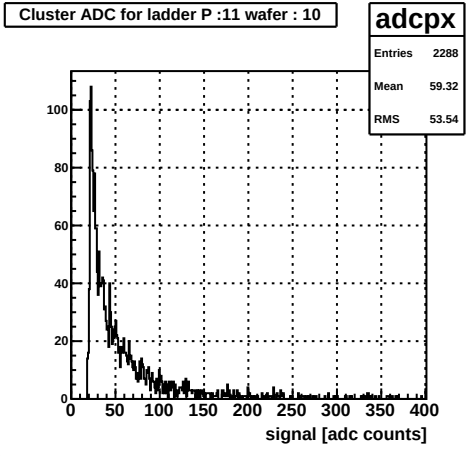

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5139
Mean 40.74
RMS 41.86
signal [adc counts]

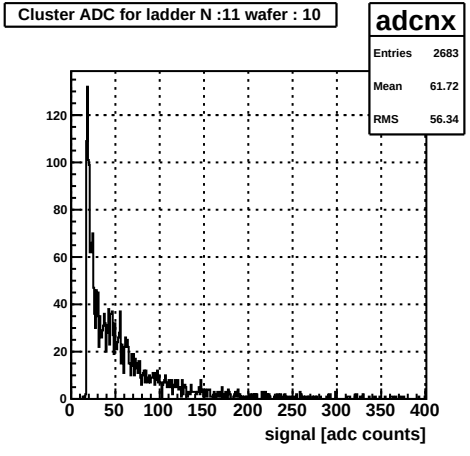

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2305
Mean 57.27
RMS 53.75
signal [adc counts]

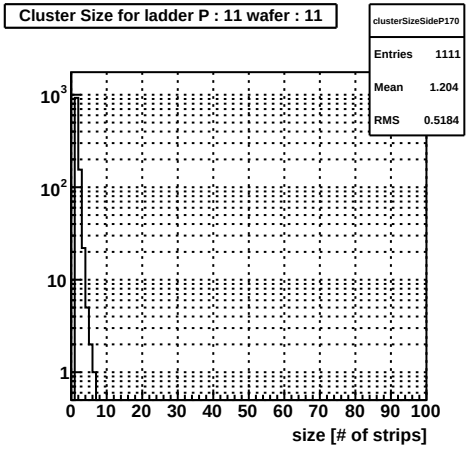

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2288
Mean 1.232
RMS 0.563
size [# of strips]

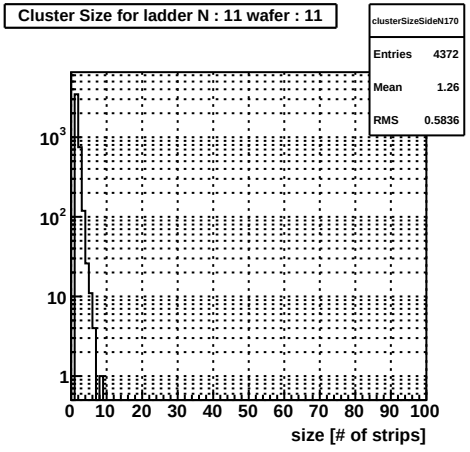

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2683
Mean 1.425
RMS 0.7466
size [# of strips]

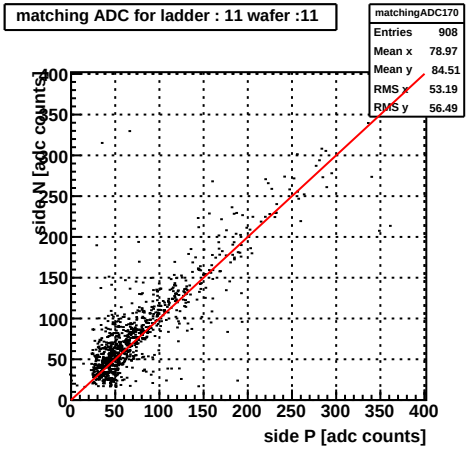

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1641
Mean x 71.69
Mean y 73.25
RMS x 57.4
RMS y 54.81
side N [adc counts]
side P [adc counts]

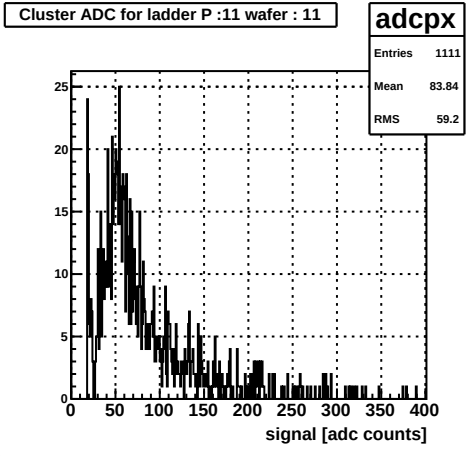

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2288
Mean 59.32
RMS 53.54
signal [adc counts]

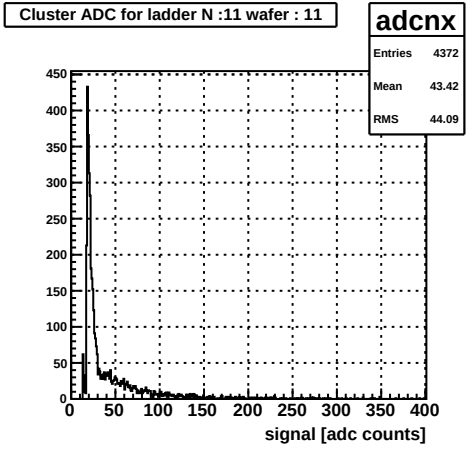

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2683
Mean 61.72
RMS 56.34
signal [adc counts]

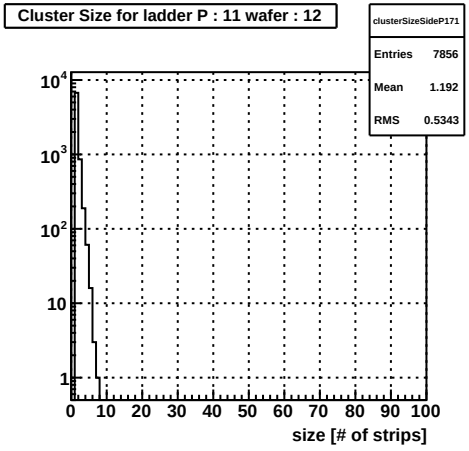

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1111
Mean 1.204
RMS 0.5184
size [# of strips]

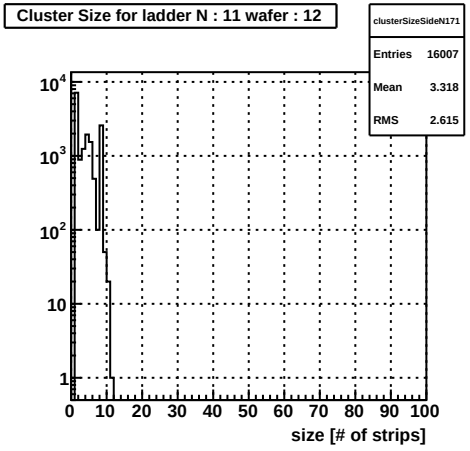

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4372
Mean 1.26
RMS 0.5836
size [# of strips]

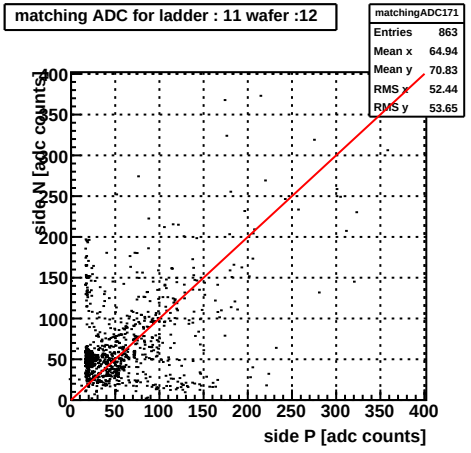

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 908
Mean x 78.97
Mean y 84.51
RMS x 53.19
RMS y 56.49
side N [adc counts]
side P [adc counts]

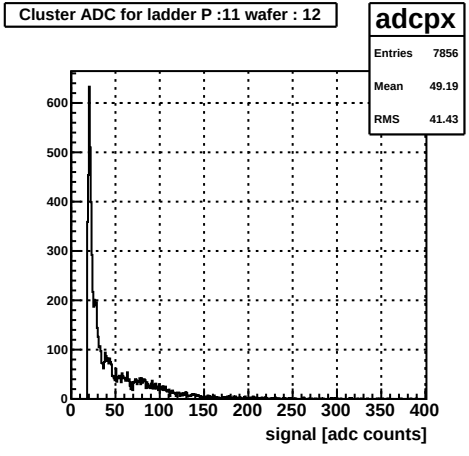

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1111
Mean 83.84
RMS 59.2
signal [adc counts]

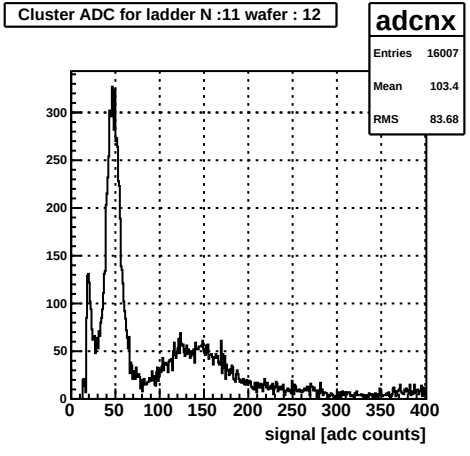

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4372
Mean 43.42
RMS 44.09
signal [adc counts]

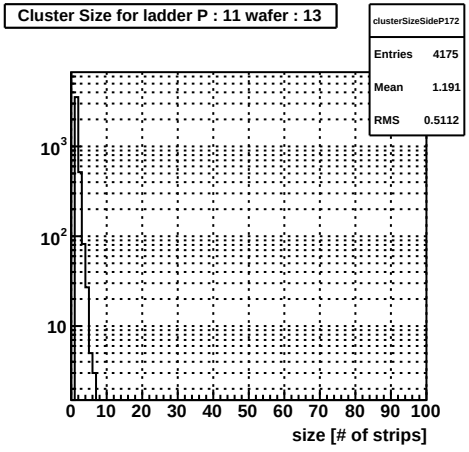

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7856
Mean 1.192
RMS 0.5343
size [# of strips]

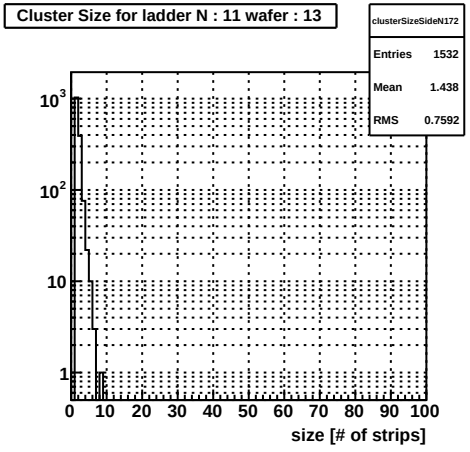

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 16007
Mean 3.318
RMS 2.615
size [# of strips]

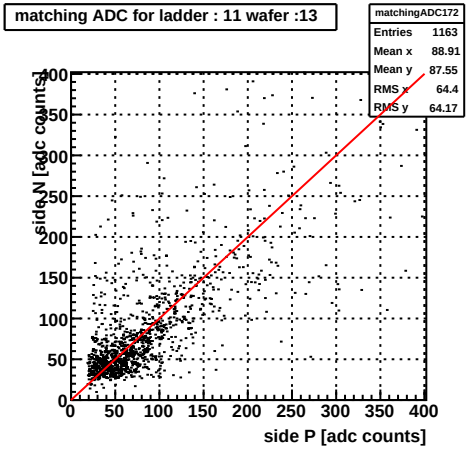

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 863
Mean x 64.94
Mean y 70.83
RMS x 52.44
RMS y 53.65
side N [adc counts]
side P [adc counts]

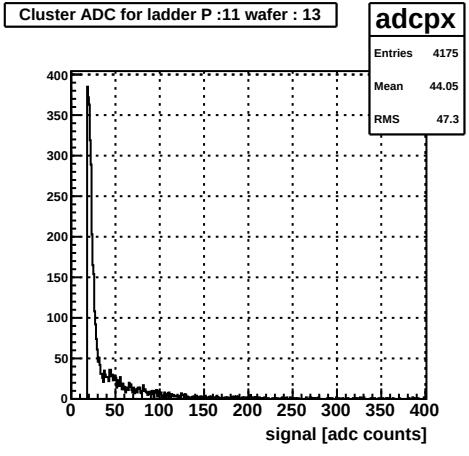

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7856
Mean 49.19
RMS 41.43
signal [adc counts]

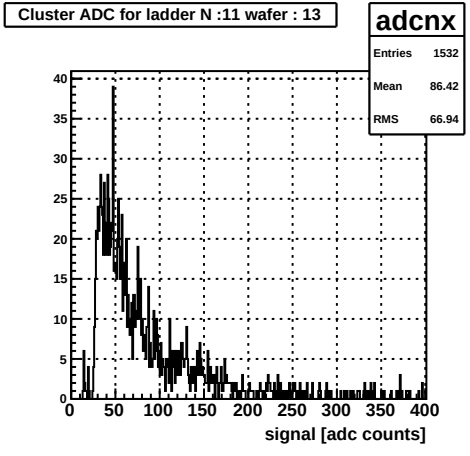

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 16007
Mean 103.4
RMS 83.68
signal [adc counts]

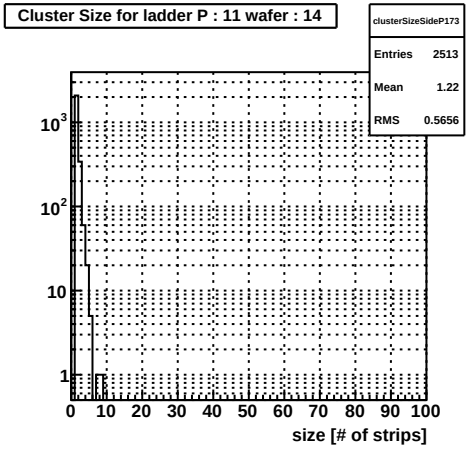

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4175
Mean 1.191
RMS 0.5112
size [# of strips]

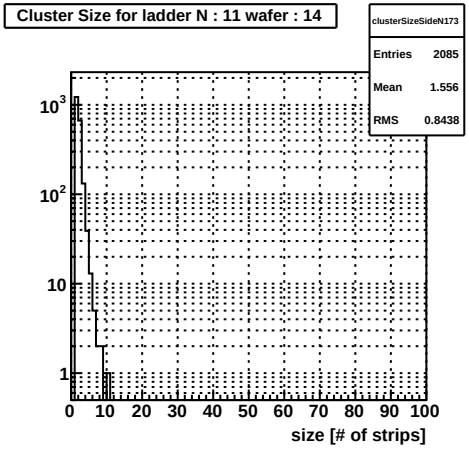

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1532
Mean 1.438
RMS 0.7592
size [# of strips]

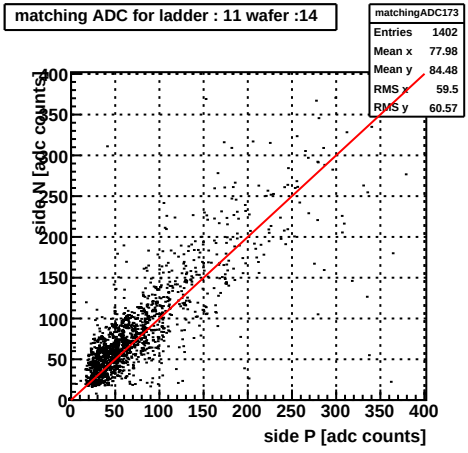

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1163
Mean x 88.91
Mean y 87.55
RMS x 64.4
RMS y 64.17
side N [adc counts]
side P [adc counts]

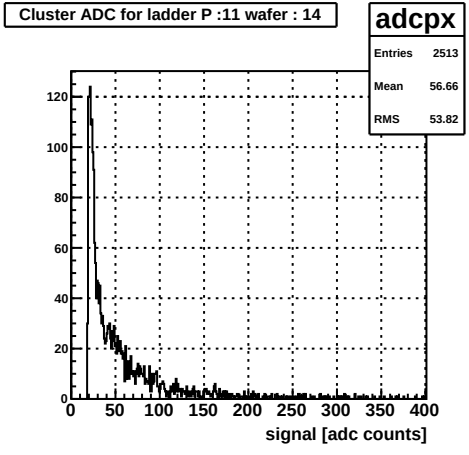

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4175
Mean 44.05
RMS 47.3
signal [adc counts]

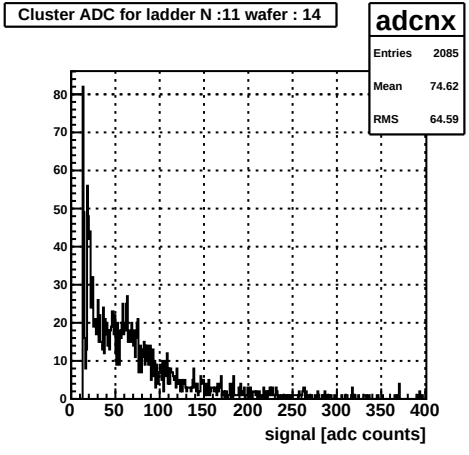

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1532
Mean 86.42
RMS 66.94
signal [adc counts]

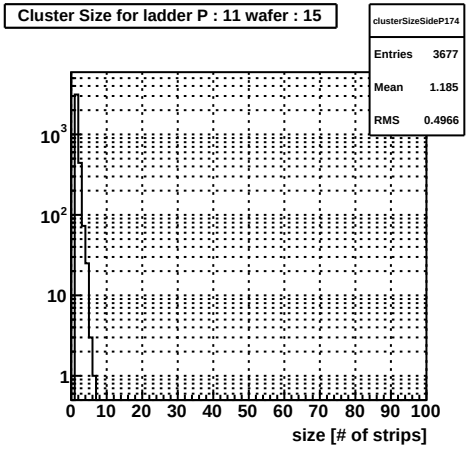

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2513
Mean 1.22
RMS 0.5656
size [# of strips]

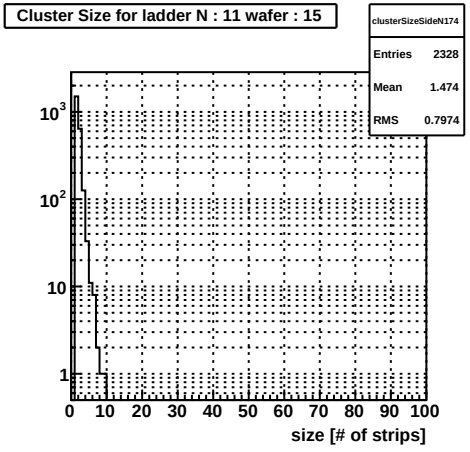

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2085
Mean 1.556
RMS 0.8438
size [# of strips]

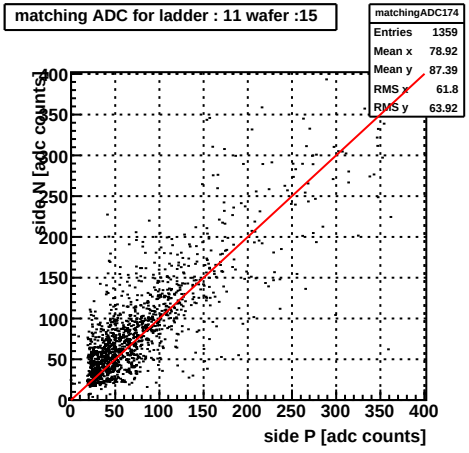

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1402
Mean x 77.98
Mean y 84.48
RMS x 59.5
RMS y 60.57
side N [adc counts]
side P [adc counts]

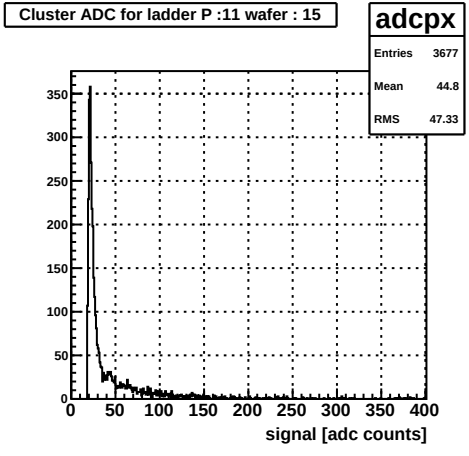

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2513
Mean 56.66
RMS 53.82
signal [adc counts]

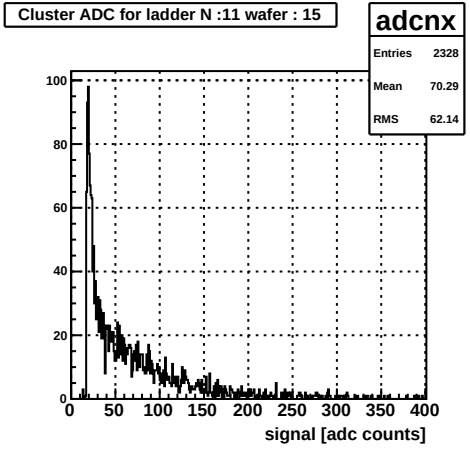

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2085
Mean 74.62
RMS 64.59
signal [adc counts]

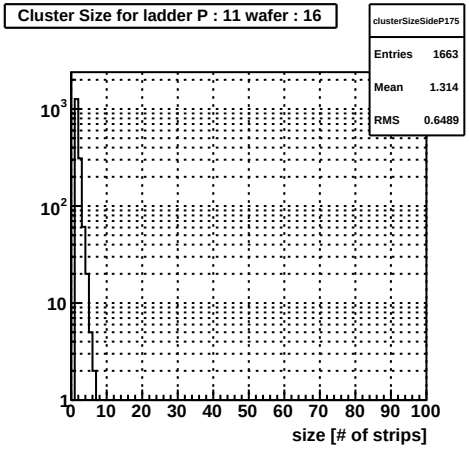

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3677
Mean 1.185
RMS 0.4966
size [# of strips]

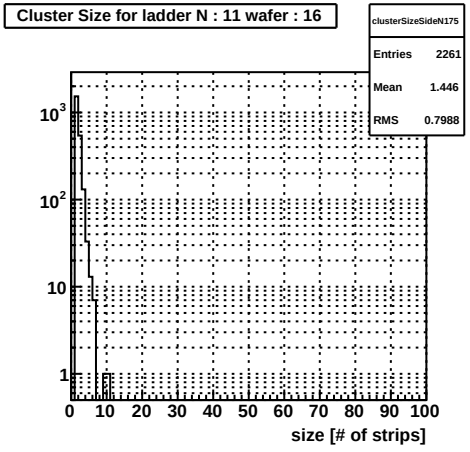

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2328
Mean 1.474
RMS 0.7974
size [# of strips]

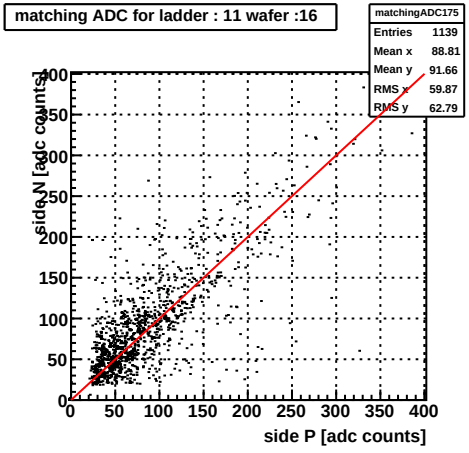

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1359
Mean x 78.92
Mean y 87.39
RMS x 61.8
RMS y 63.92
side N [adc counts]
side P [adc counts]

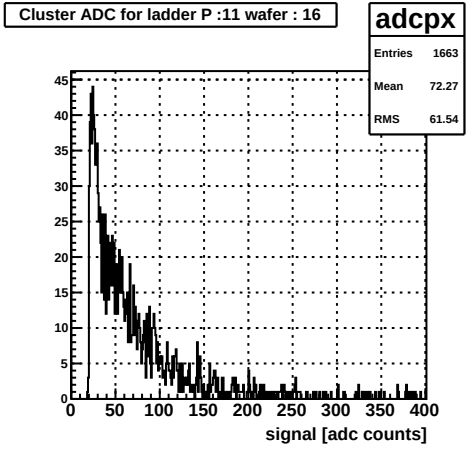

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3677
Mean 44.8
RMS 47.33
signal [adc counts]

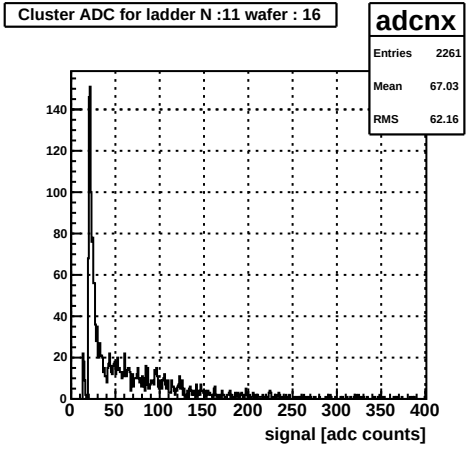

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2328
Mean 70.29
RMS 62.14
signal [adc counts]

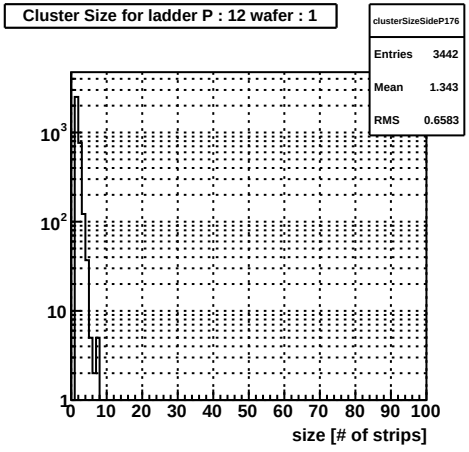

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1663
Mean 1.314
RMS 0.6489
size [# of strips]

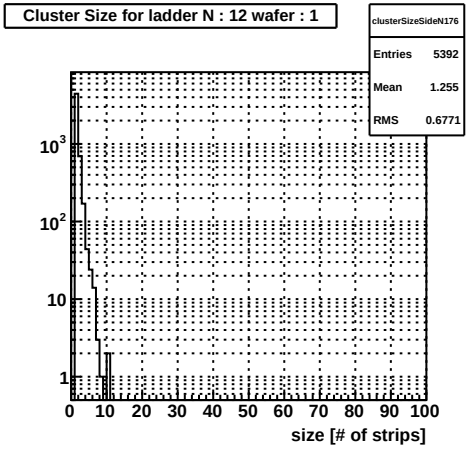

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2261
Mean 1.446
RMS 0.7988
size [# of strips]

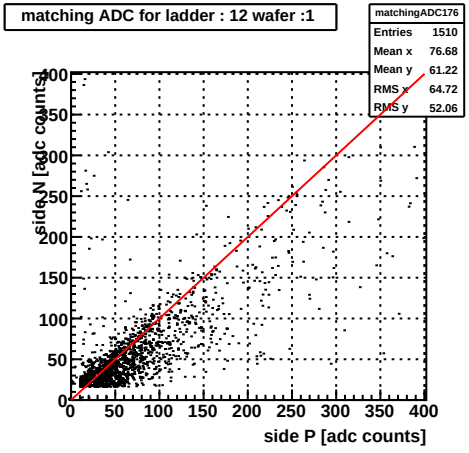

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1139
Mean x 88.81
Mean y 91.66
RMS x 59.87
RMS y 62.79
side N [adc counts]
side P [adc counts]

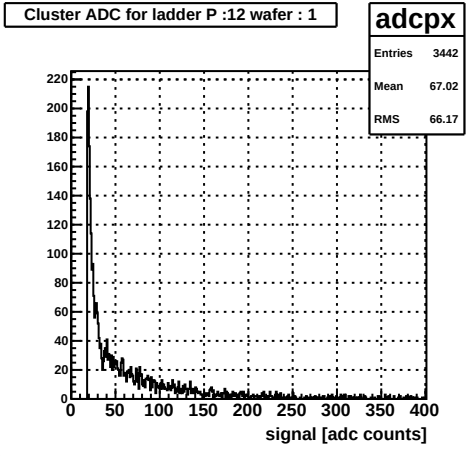

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1663
Mean 72.27
RMS 61.54
signal [adc counts]

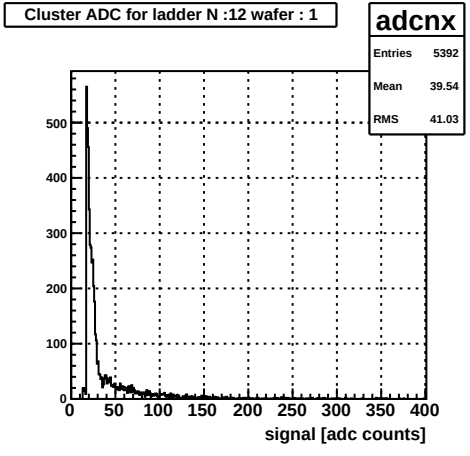

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2261
Mean 67.03
RMS 62.16
signal [adc counts]

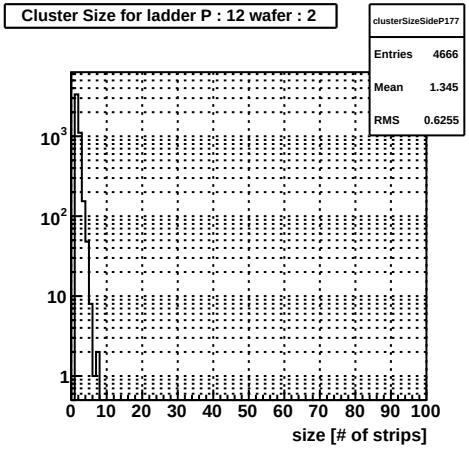

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3442
Mean 1.343
RMS 0.6583
size [# of strips]

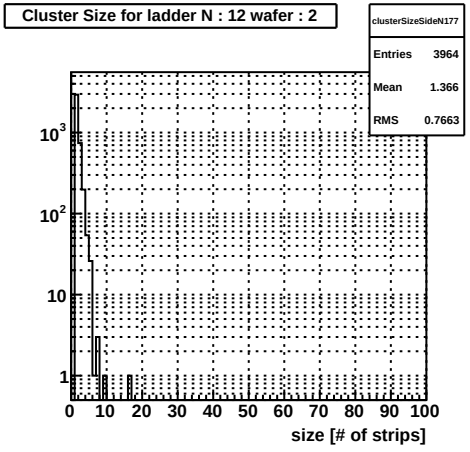

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5392
Mean 1.255
RMS 0.6771
size [# of strips]

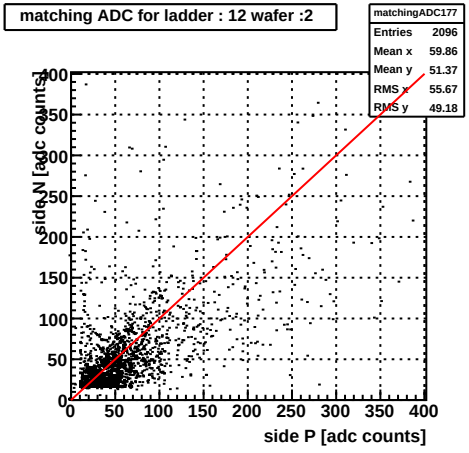

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1510
Mean x 76.68
Mean y 61.22
RMS x 64.72
RMS y 52.06
side N [adc counts]
side P [adc counts]

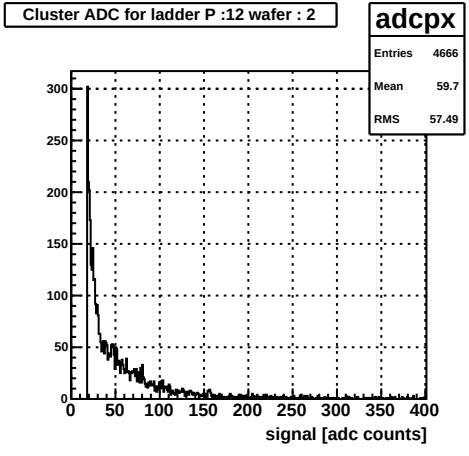

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3442
Mean 67.02
RMS 66.17
signal [adc counts]

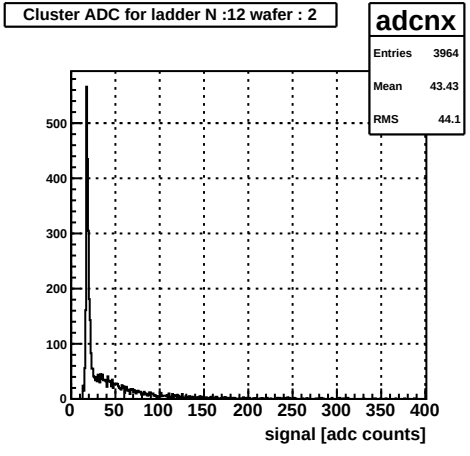

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5392
Mean 39.54
RMS 41.03
signal [adc counts]

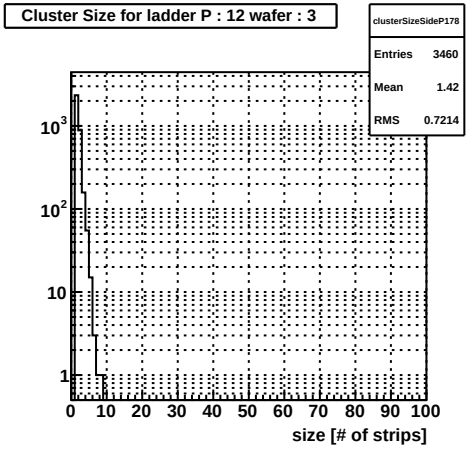

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4666
Mean 1.345
RMS 0.6255
size [# of strips]

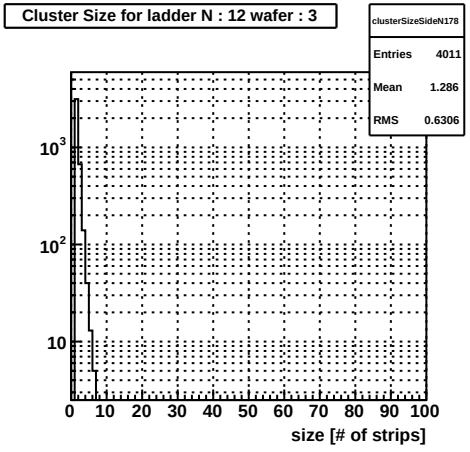

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3964
Mean 1.366
RMS 0.7663
size [# of strips]

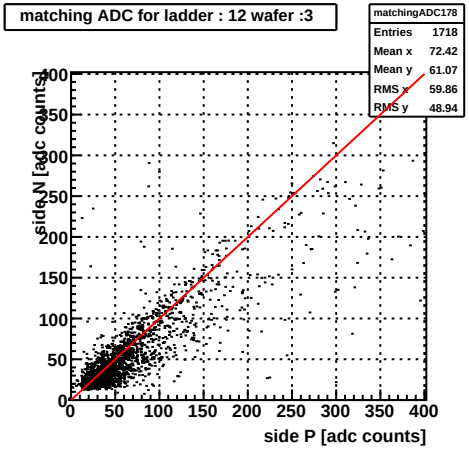

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2096
Mean x 59.86
Mean y 51.37
RMS x 55.67
RMS y 49.18
side N [adc counts]
side P [adc counts]

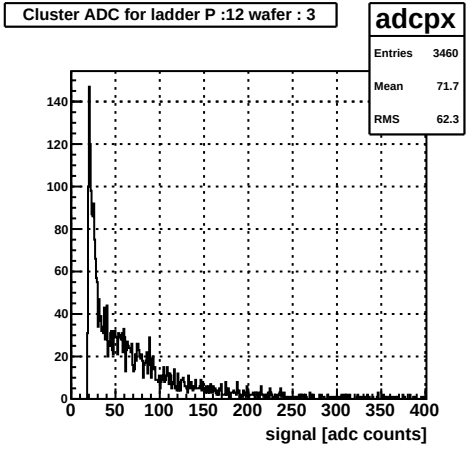

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4666
Mean 59.7
RMS 57.49
signal [adc counts]

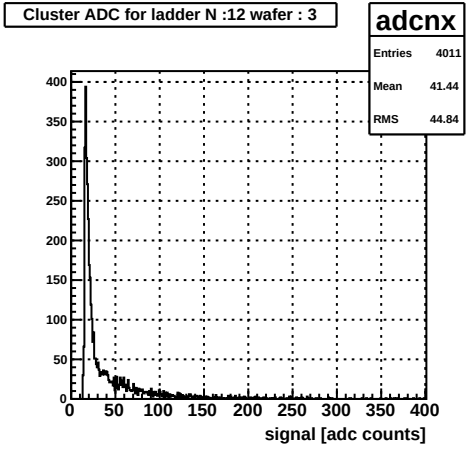

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3964
Mean 43.43
RMS 44.1
signal [adc counts]

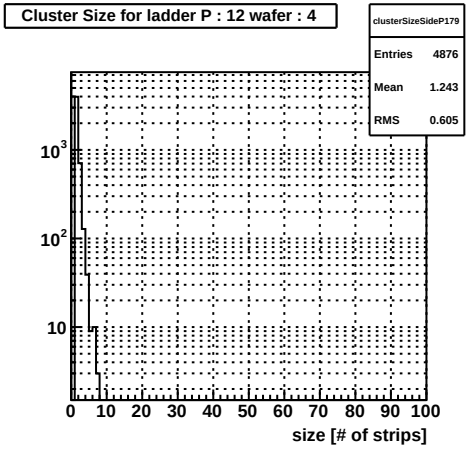

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3460
Mean 1.42
RMS 0.7214
size [# of strips]

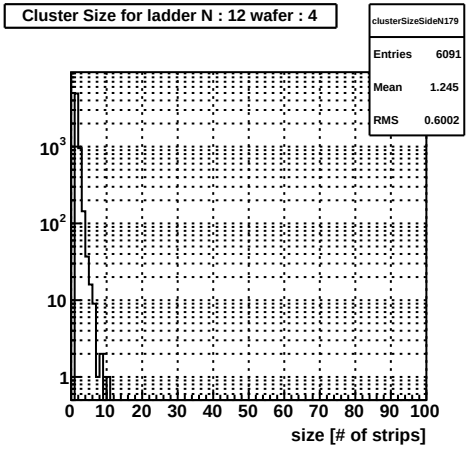

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4011
Mean 1.286
RMS 0.6306
size [# of strips]

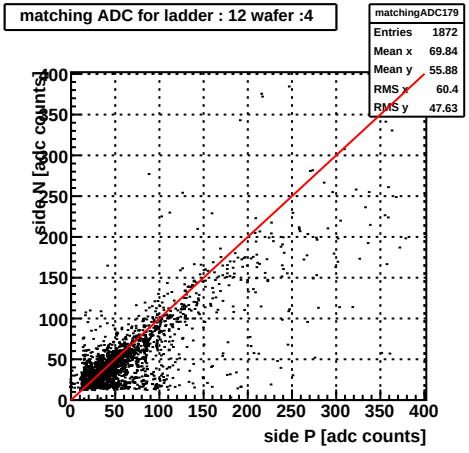

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1718
Mean x 72.42
Mean y 61.07
RMS x 59.86
RMS y 48.94
side N [adc counts]
side P [adc counts]

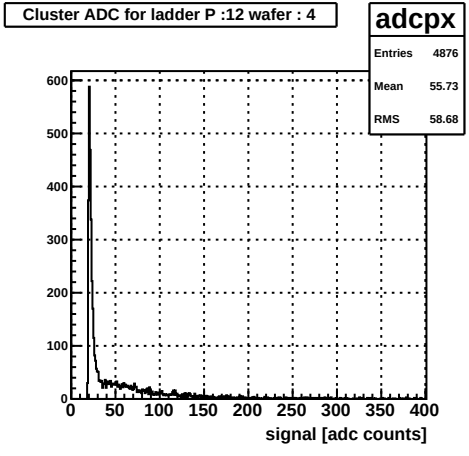

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3460
Mean 71.7
RMS 62.3
signal [adc counts]

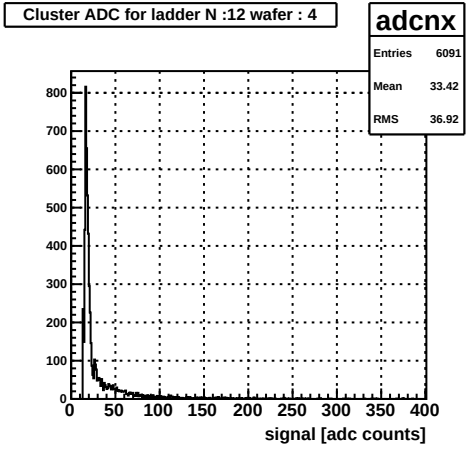

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4011
Mean 41.44
RMS 44.84
signal [adc counts]

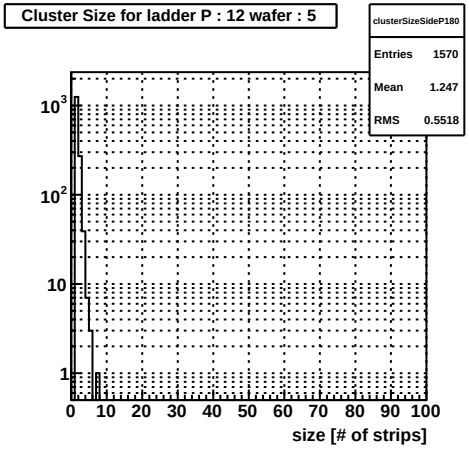

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4876
Mean 1.243
RMS 0.605
size [# of strips]

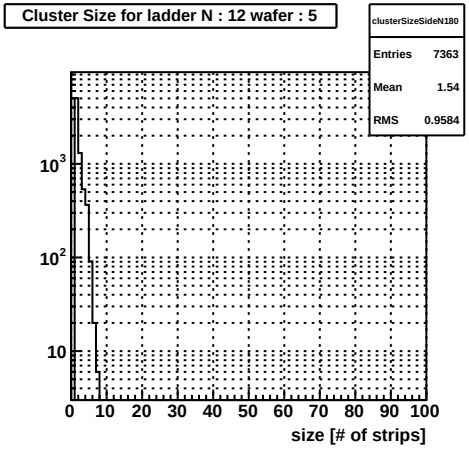

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6091
Mean 1.245
RMS 0.6002
size [# of strips]

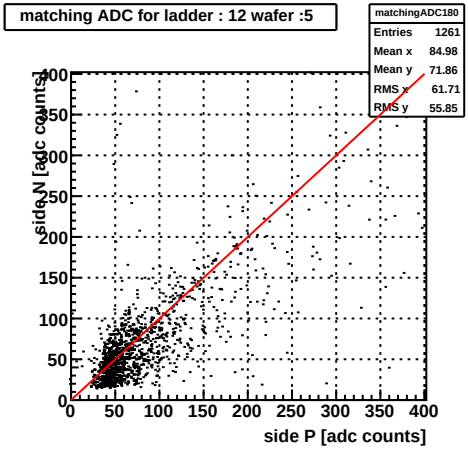

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1872
Mean x 69.84
Mean y 55.88
RMS x 60.4
RMS y 47.63
side N [adc counts]
side P [adc counts]

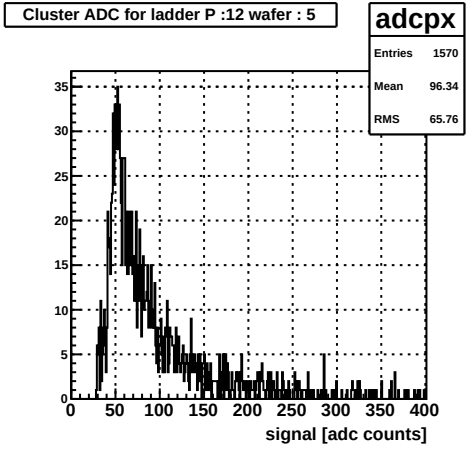

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4876
Mean 55.73
RMS 58.68
signal [adc counts]

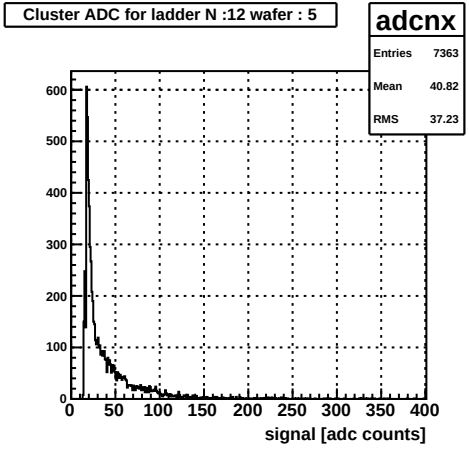

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6091
Mean 33.42
RMS 36.92
signal [adc counts]

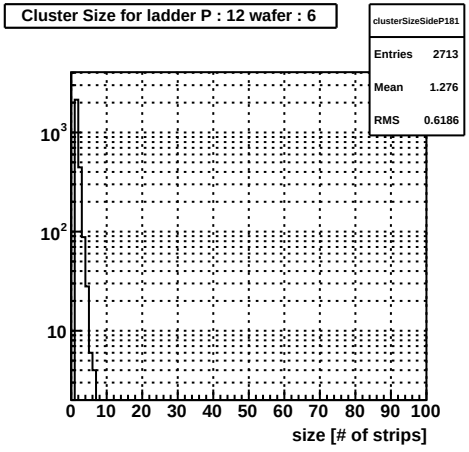

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1570
Mean 1.247
RMS 0.5518
size [# of strips]

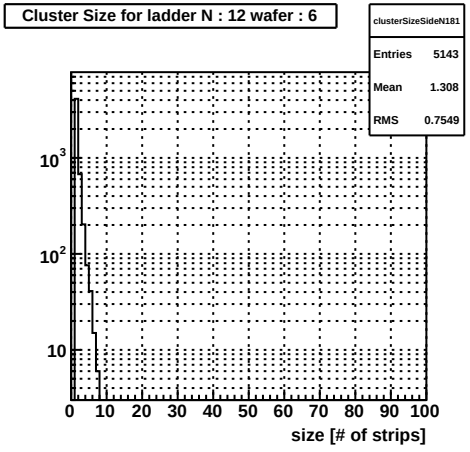

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7363
Mean 1.54
RMS 0.9584
size [# of strips]

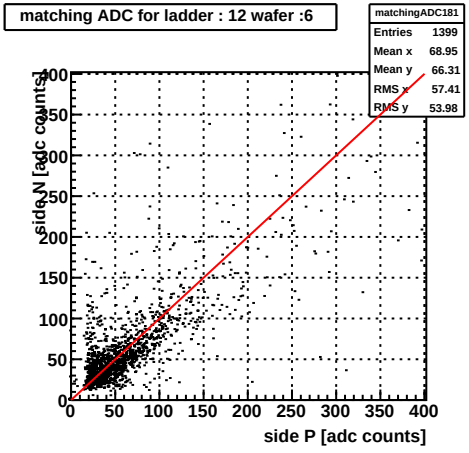

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1261
Mean x 84.98
Mean y 71.86
RMS x 61.71
RMS y 55.85
side N [adc counts]
side P [adc counts]

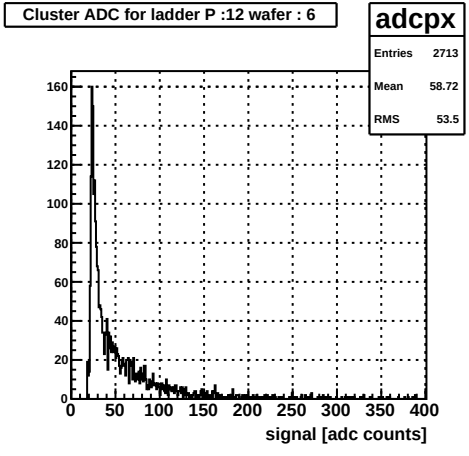

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1570
Mean 96.34
RMS 65.76
signal [adc counts]

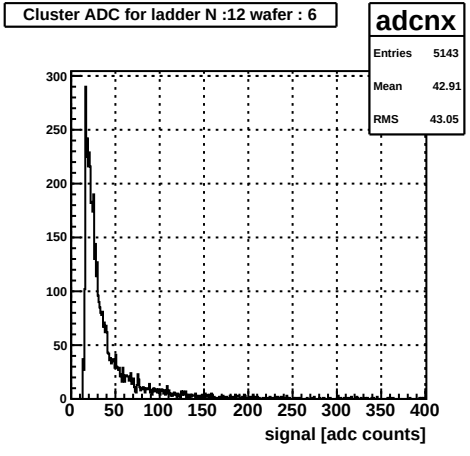

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7363
Mean 40.82
RMS 37.23
signal [adc counts]

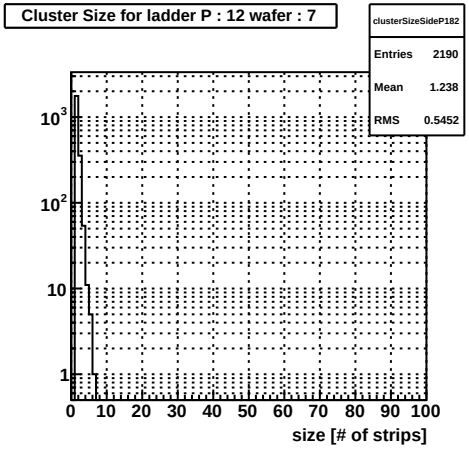

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2713
Mean 1.276
RMS 0.6186
size [# of strips]

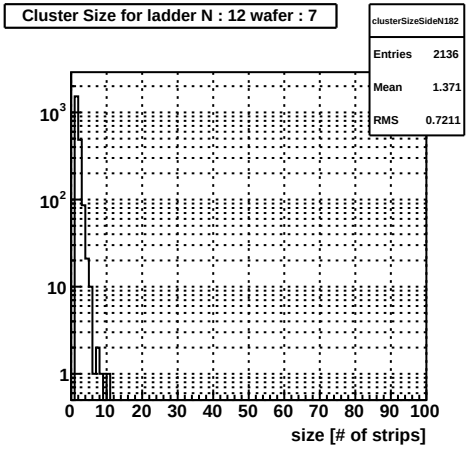

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5143
Mean 1.308
RMS 0.7549
size [# of strips]

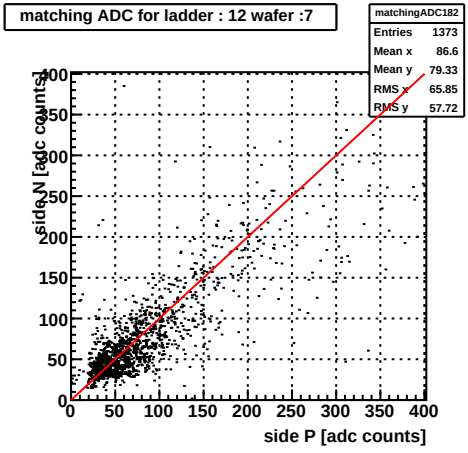

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1399
Mean x 68.95
Mean y 66.31
RMS x 57.41
RMS y 53.98
side N [adc counts]
side P [adc counts]

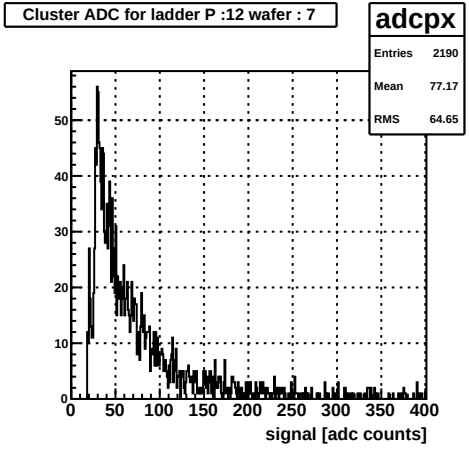

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2713
Mean 58.72
RMS 53.5
signal [adc counts]

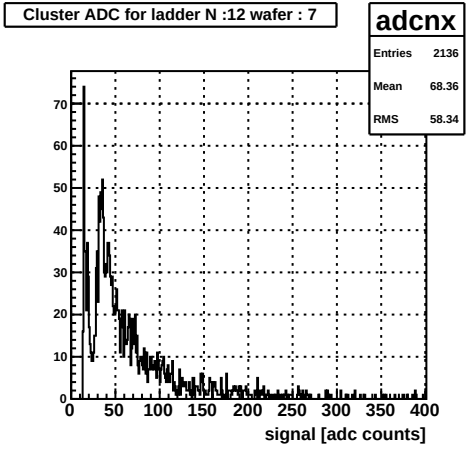

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5143
Mean 42.91
RMS 43.05
signal [adc counts]

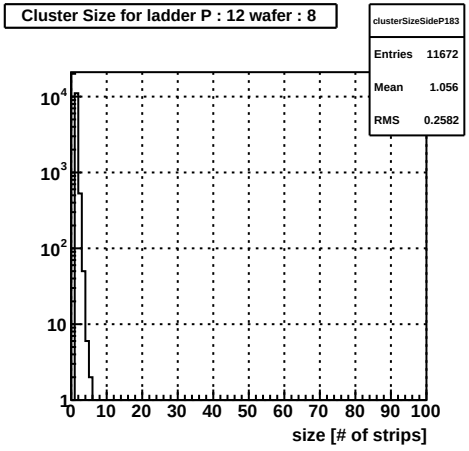

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2190
Mean 1.238
RMS 0.5452
size [# of strips]

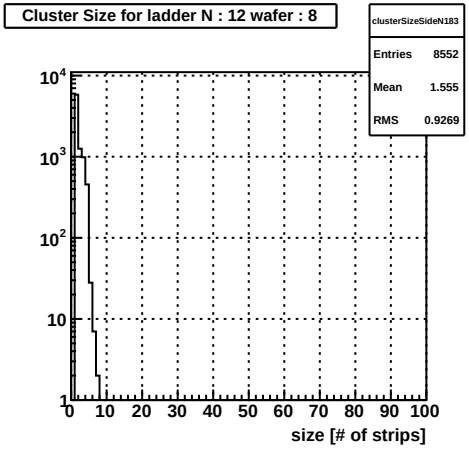

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2136
Mean 1.371
RMS 0.7211
size [# of strips]

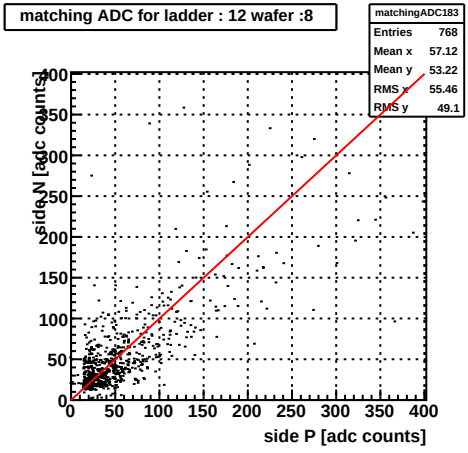

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1373
Mean x 86.6
Mean y 79.33
RMS x 65.85
RMS y 57.72
side N [adc counts]
side P [adc counts]

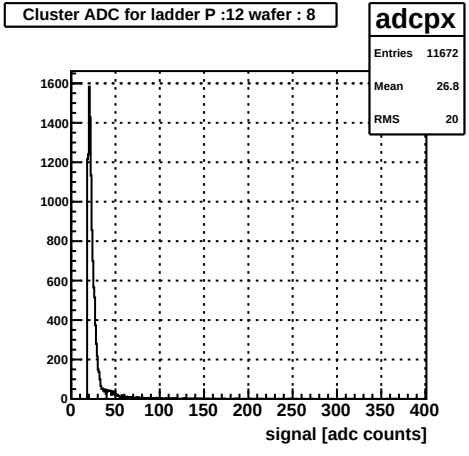

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2190
Mean 77.17
RMS 64.65
signal [adc counts]

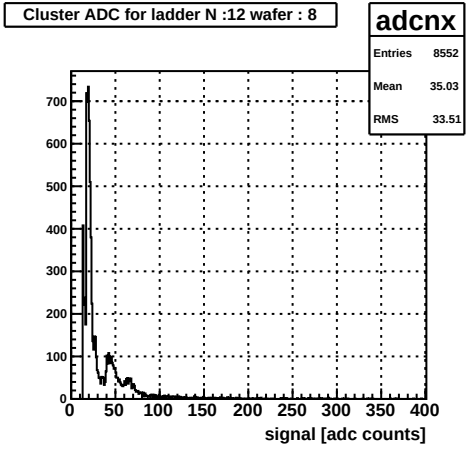

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2136
Mean 68.36
RMS 58.34
signal [adc counts]

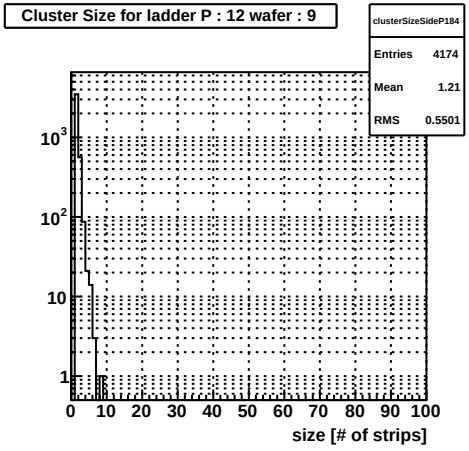

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11672
Mean 1.056
RMS 0.2582
size [# of strips]

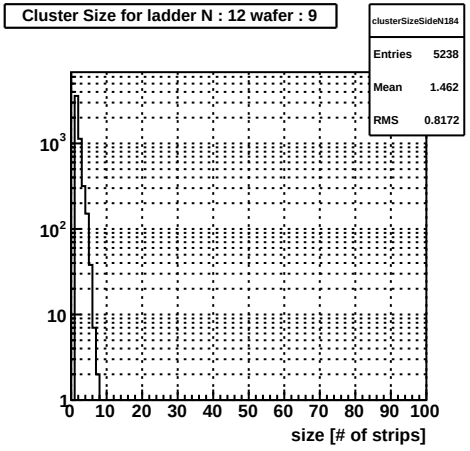

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8552
Mean 1.555
RMS 0.9269
size [# of strips]

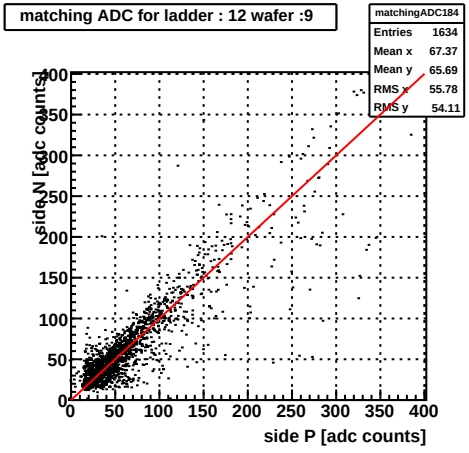

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 768
Mean x 57.12
Mean y 53.22
RMS x 55.46
RMS y 49.1
side N [adc counts]
side P [adc counts]

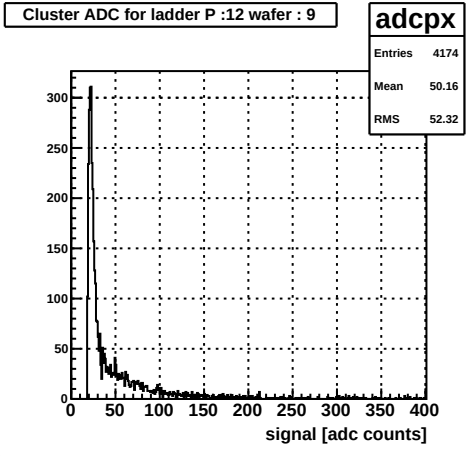

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11672
Mean 26.8
RMS 20
signal [adc counts]

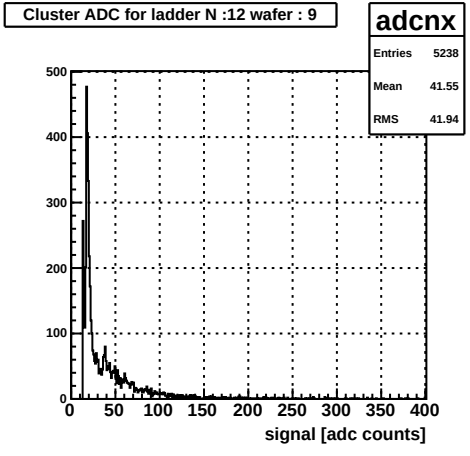

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8552
Mean 35.03
RMS 33.51
signal [adc counts]

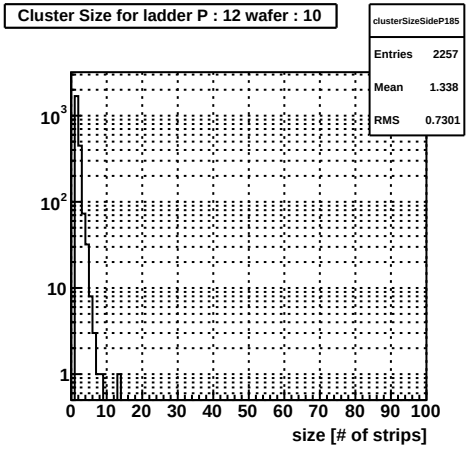

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4174
Mean 1.21
RMS 0.5501
size [# of strips]

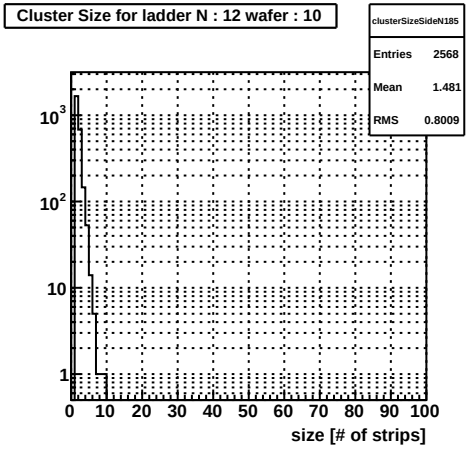

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5238
Mean 1.462
RMS 0.8172
size [# of strips]

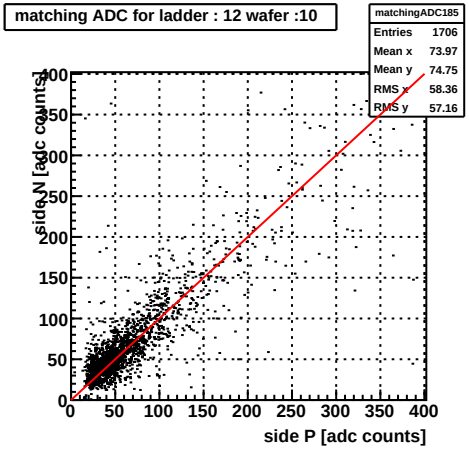

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1634
Mean x 67.37
Mean y 65.69
RMS x 55.78
RMS y 54.11
side N [adc counts]
side P [adc counts]

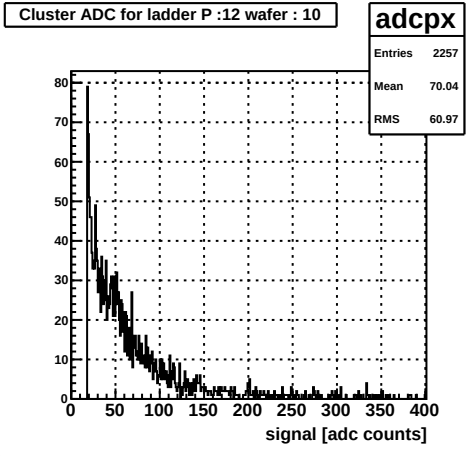

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4174
Mean 50.16
RMS 52.32
signal [adc counts]

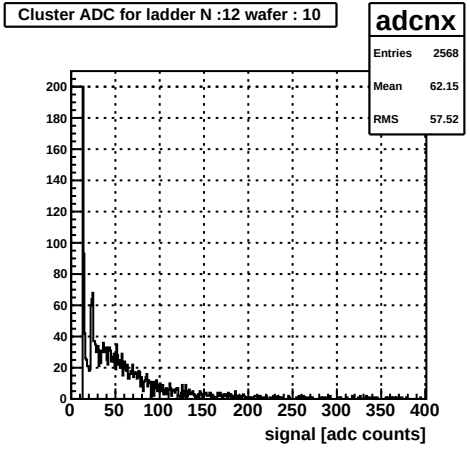

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5238
Mean 41.55
RMS 41.94
signal [adc counts]

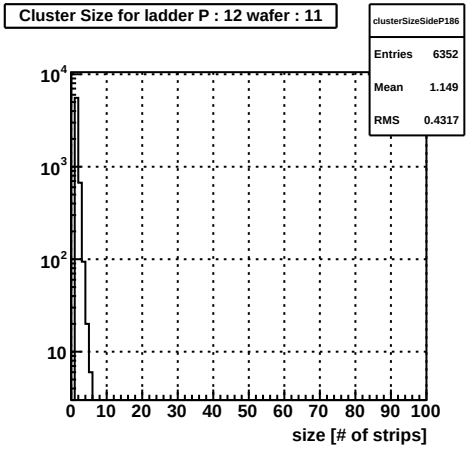

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2257
Mean 1.338
RMS 0.7301
size [# of strips]

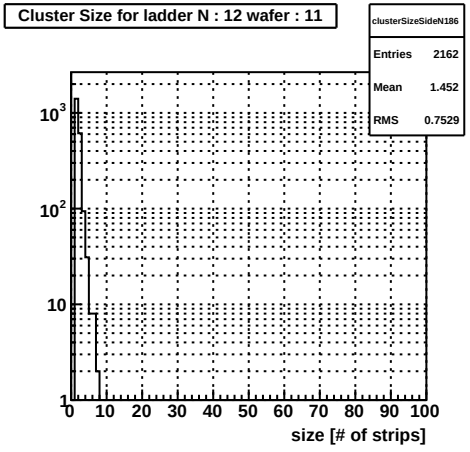

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2568
Mean 1.481
RMS 0.8009
size [# of strips]

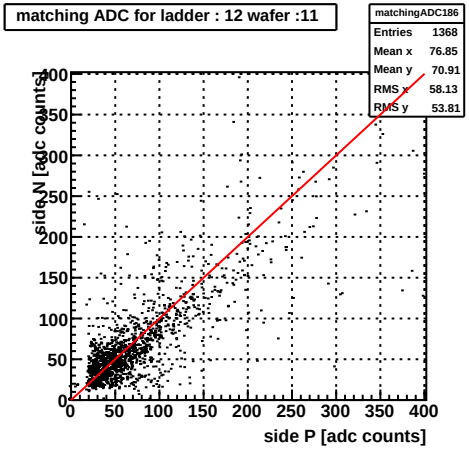

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1706
Mean x 73.97
Mean y 74.75
RMS x 58.36
RMS y 57.16
side N [adc counts]
side P [adc counts]

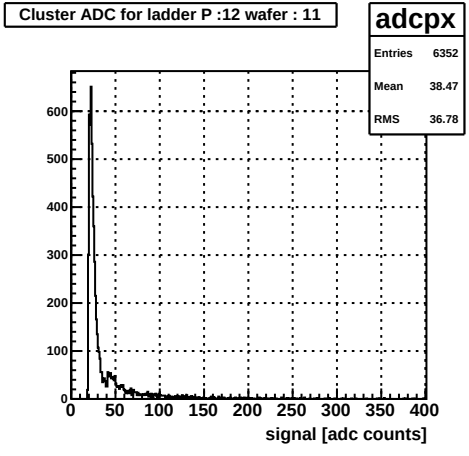

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2257
Mean 70.04
RMS 60.97
signal [adc counts]

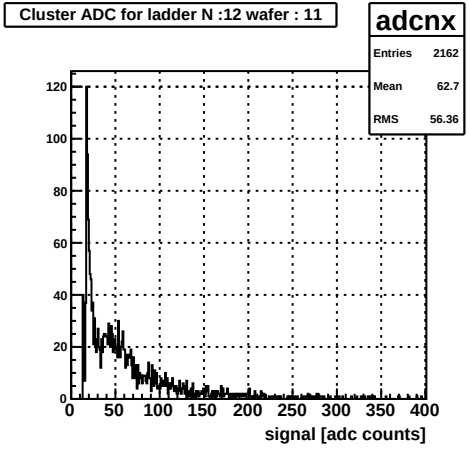

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2568
Mean 62.15
RMS 57.52
signal [adc counts]

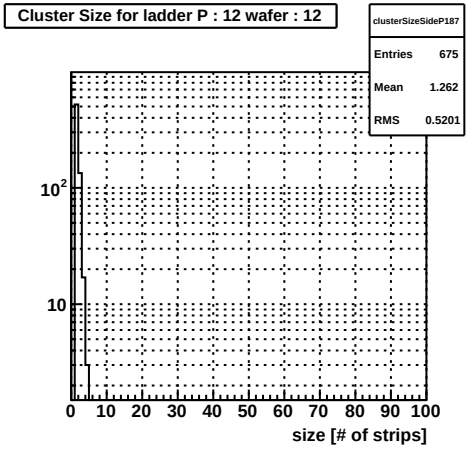

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 6352
Mean 1.149
RMS 0.4317
size [# of strips]

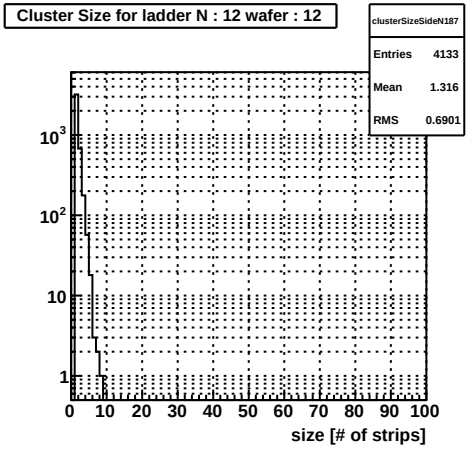

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2162
Mean 1.452
RMS 0.7529
size [# of strips]

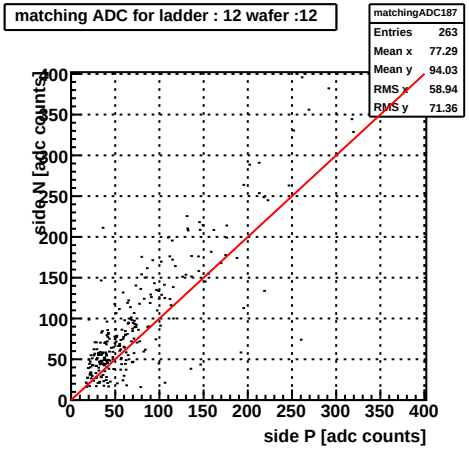

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1368
Mean x 76.85
Mean y 70.91
RMS x 58.13
RMS y 53.81
side N [adc counts]
side P [adc counts]

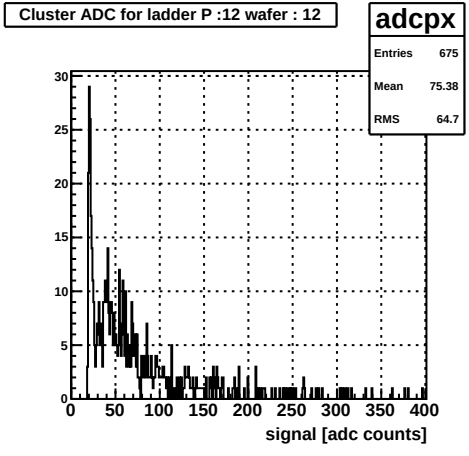

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 6352
Mean 38.47
RMS 36.78
signal [adc counts]

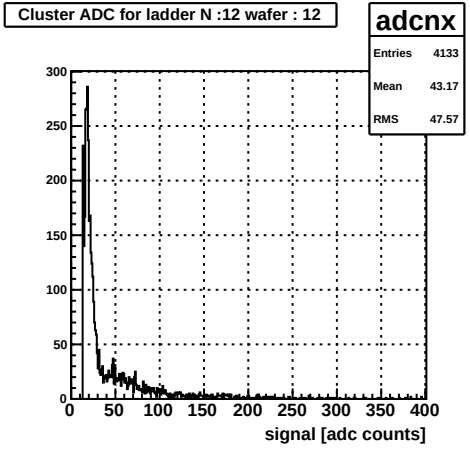

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2162
Mean 62.7
RMS 56.36
signal [adc counts]

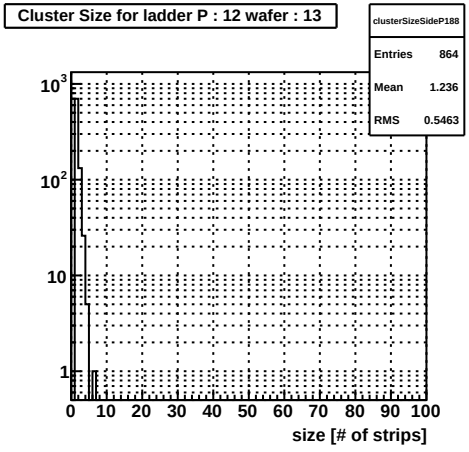

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 675
Mean 1.262
RMS 0.5201
size [# of strips]

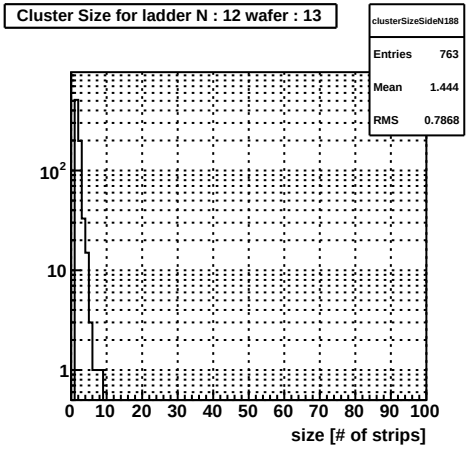

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4133
Mean 1.316
RMS 0.6901
size [# of strips]

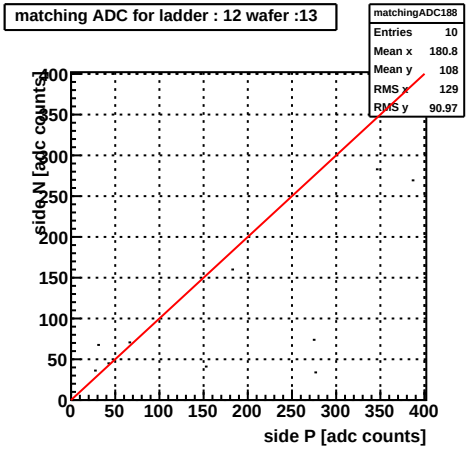

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 263
Mean x 77.29
Mean y 94.03
RMS x 58.94
RMS y 71.36
side N [adc counts]
side P [adc counts]

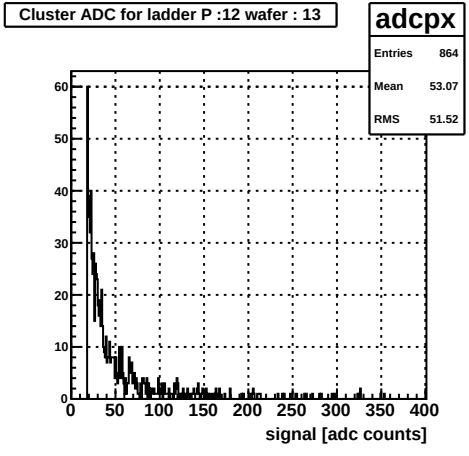

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 675
Mean 75.38
RMS 64.7
signal [adc counts]

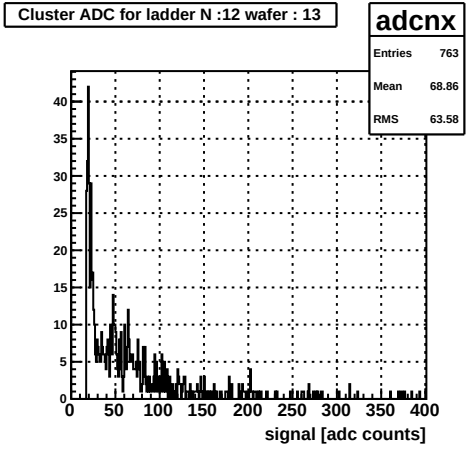

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4133
Mean 43.17
RMS 47.57
signal [adc counts]

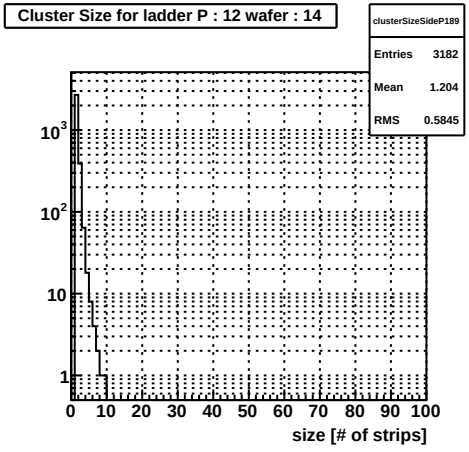

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 864
Mean 1.236
RMS 0.5463
size [# of strips]

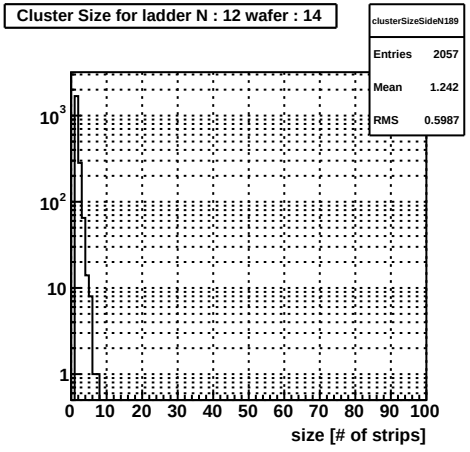

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 763
Mean 1.444
RMS 0.7868
size [# of strips]

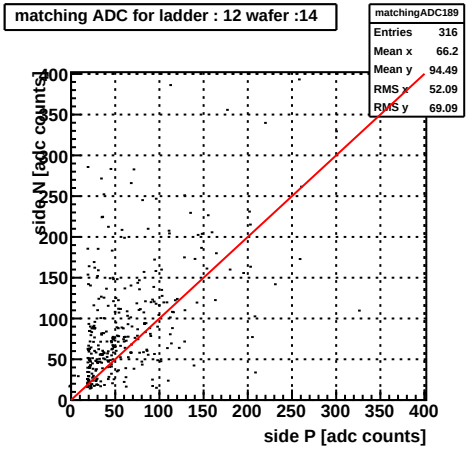

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 10
Mean x 180.8
Mean y 108
RMS x 129
RMS y 90.97
side N [adc counts]
side P [adc counts]

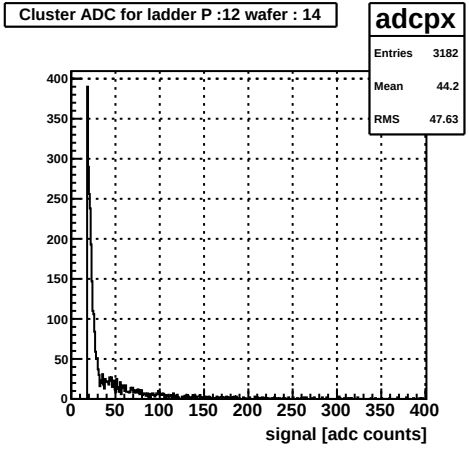

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 864
Mean 53.07
RMS 51.52
signal [adc counts]

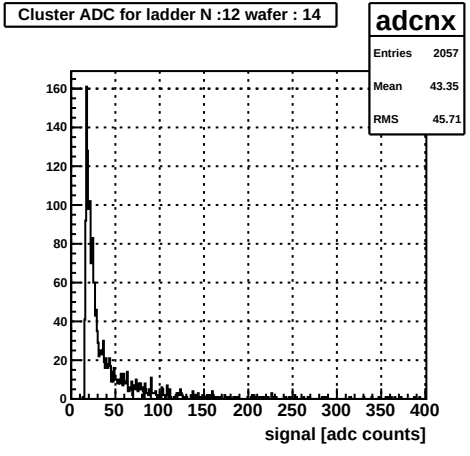

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 763
Mean 68.86
RMS 63.58
signal [adc counts]

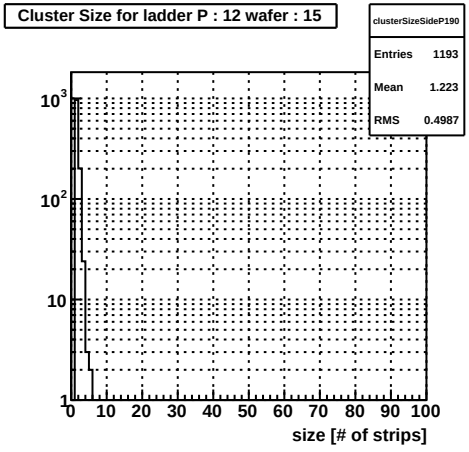

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3182
Mean 1.204
RMS 0.5845
size [# of strips]

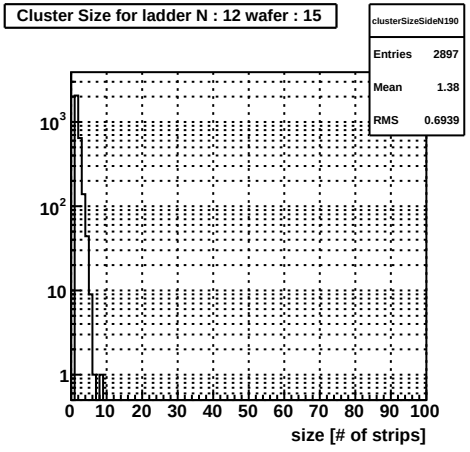

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2057
Mean 1.242
RMS 0.5987
size [# of strips]

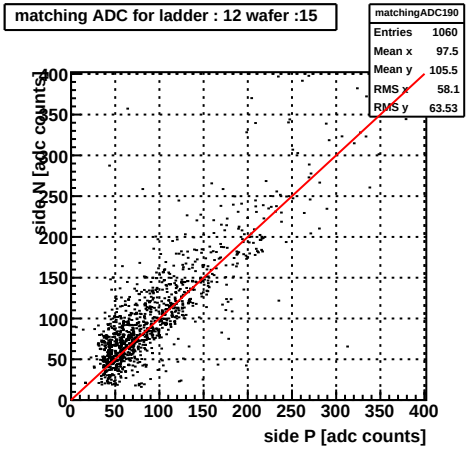

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 316
Mean x 66.2
Mean y 94.49
RMS x 52.09
RMS y 69.09
side N [adc counts]
side P [adc counts]

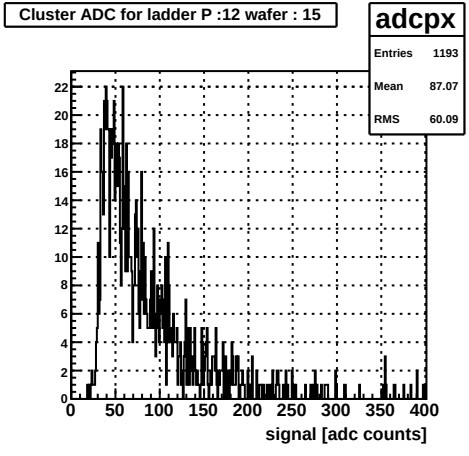

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3182
Mean 44.2
RMS 47.63
signal [adc counts]

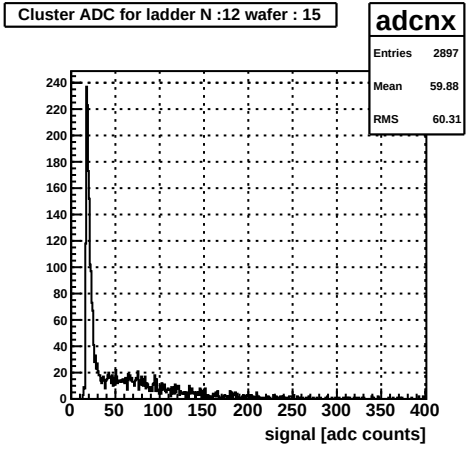

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2057
Mean 43.35
RMS 45.71
signal [adc counts]

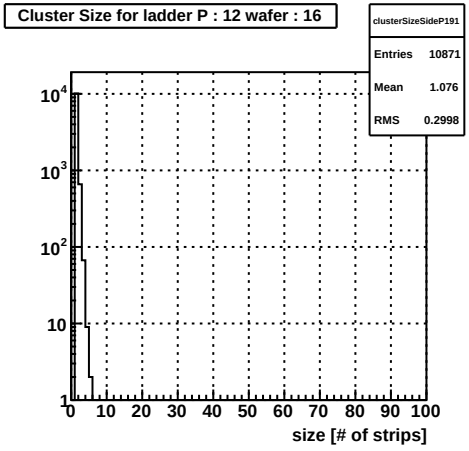

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1193
Mean 1.223
RMS 0.4987
size [# of strips]

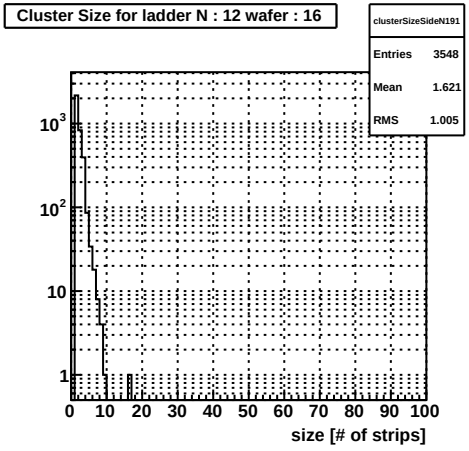

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2897
Mean 1.38
RMS 0.6939
size [# of strips]

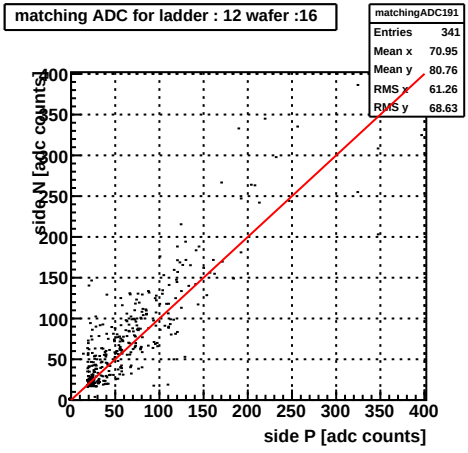

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1060
Mean x 97.5
Mean y 105.5
RMS x 58.1
RMS y 63.53
side N [adc counts]
side P [adc counts]

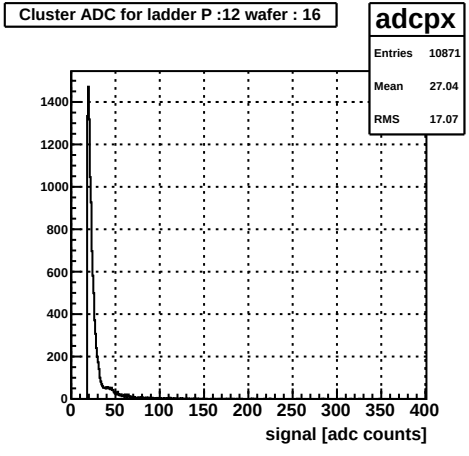

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1193
Mean 87.07
RMS 60.09
signal [adc counts]

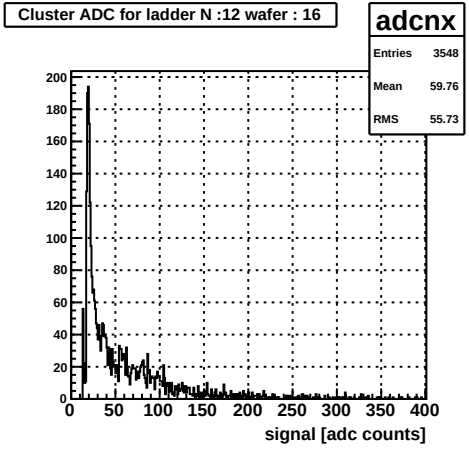

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2897
Mean 59.88
RMS 60.31
signal [adc counts]

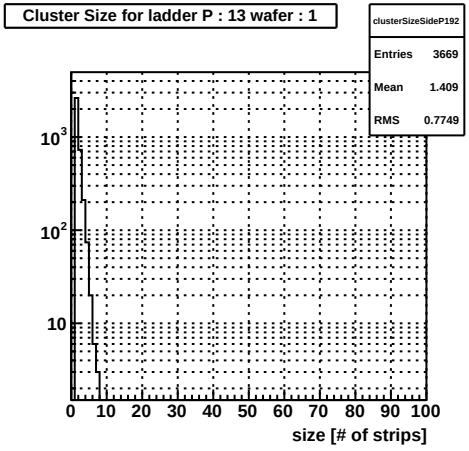

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10871
Mean 1.076
RMS 0.2998
size [# of strips]

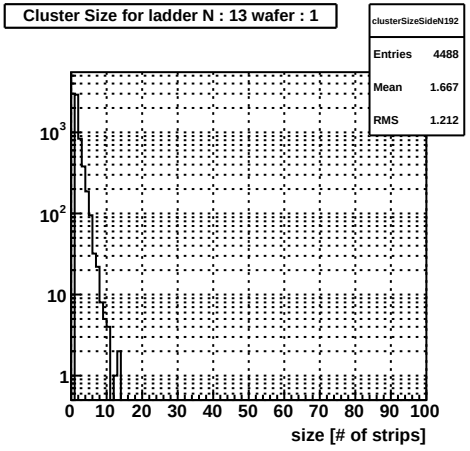

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3548
Mean 1.621
RMS 1.005
size [# of strips]

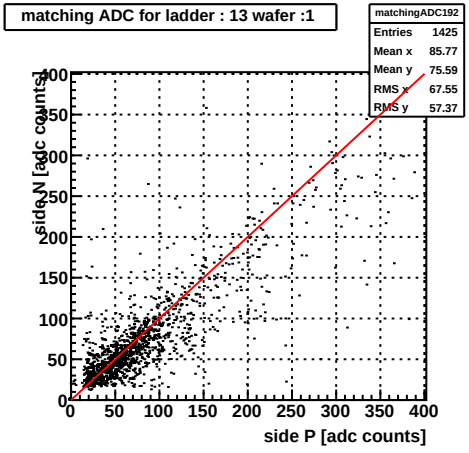

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 341
Mean x 70.95
Mean y 80.76
RMS x 61.26
RMS y 68.63
side N [adc counts]
side P [adc counts]

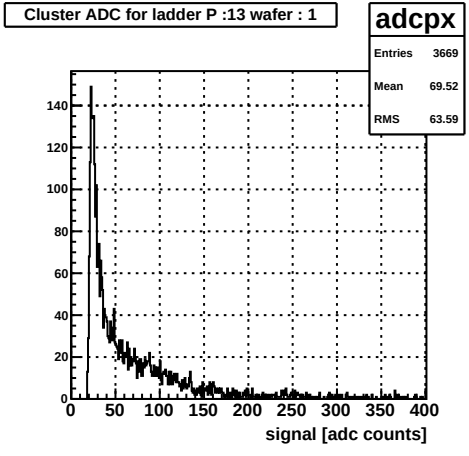

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10871
Mean 27.04
RMS 17.07
signal [adc counts]

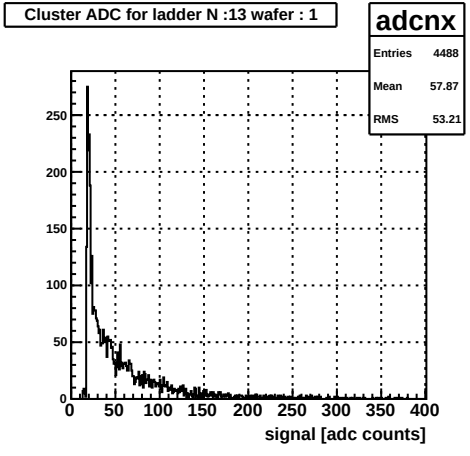

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3548
Mean 59.76
RMS 55.73
signal [adc counts]

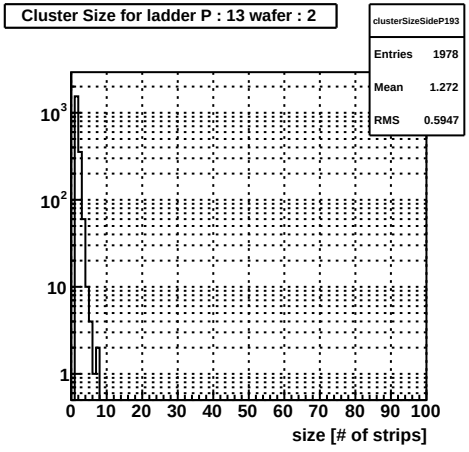

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3669
Mean 1.409
RMS 0.7749
size [# of strips]

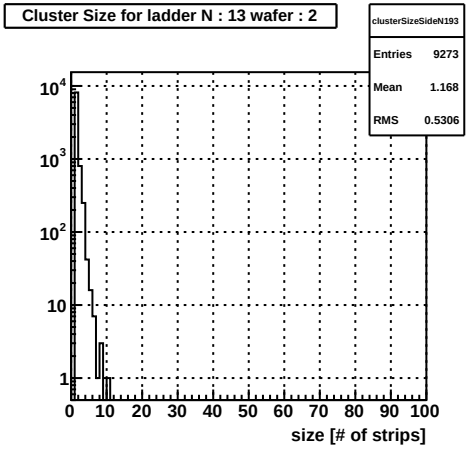

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4488
Mean 1.667
RMS 1.212
size [# of strips]

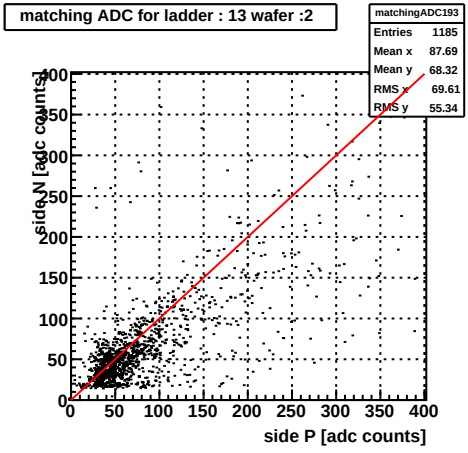

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1425
Mean x 85.77
Mean y 75.59
RMS x 67.55
RMS y 57.37
side N [adc counts]
side P [adc counts]

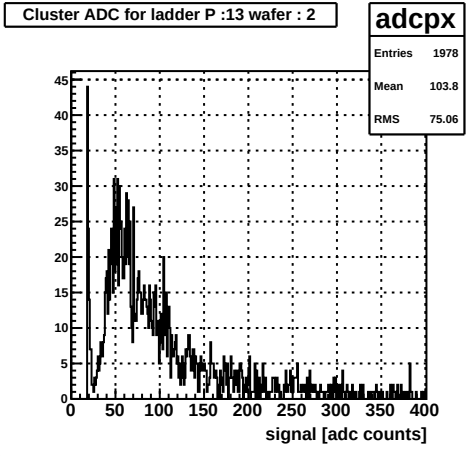

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3669
Mean 69.52
RMS 63.59
signal [adc counts]

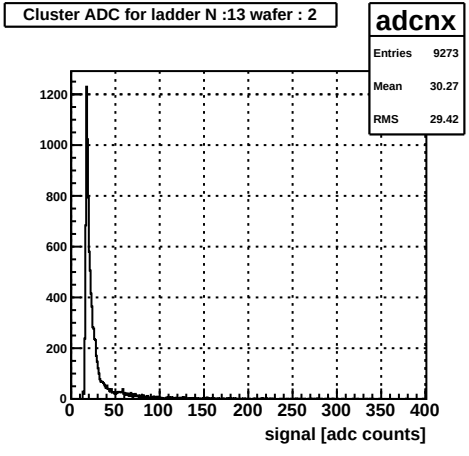

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4488
Mean 57.87
RMS 53.21
signal [adc counts]

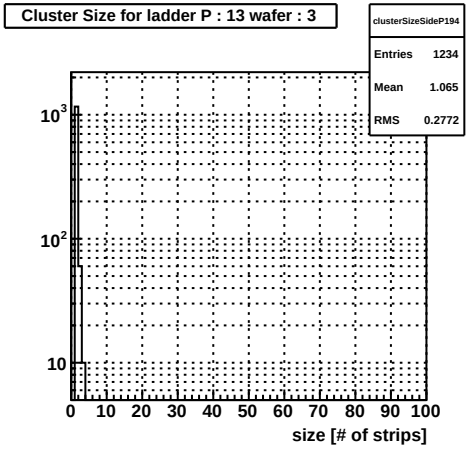

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1978
Mean 1.272
RMS 0.5947
size [# of strips]

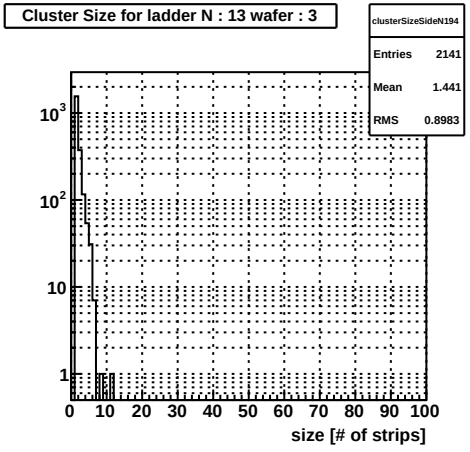

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9273
Mean 1.168
RMS 0.5306
size [# of strips]

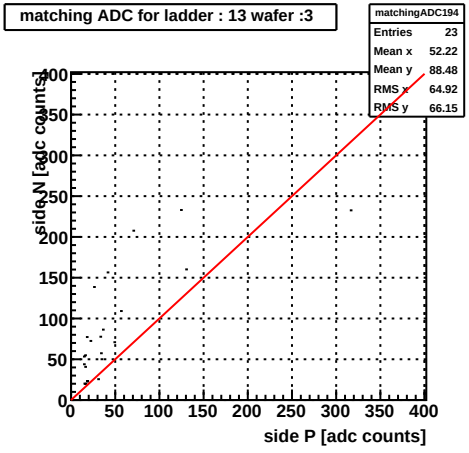

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1185
Mean x 87.69
Mean y 68.32
RMS x 69.61
RMS y 55.34
side N [adc counts]
side P [adc counts]

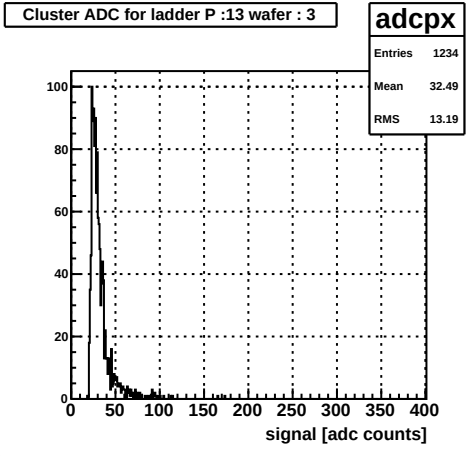

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1978
Mean 103.8
RMS 75.06
signal [adc counts]

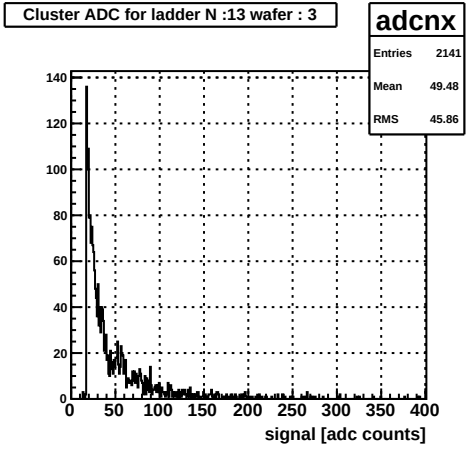

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9273
Mean 30.27
RMS 29.42
signal [adc counts]

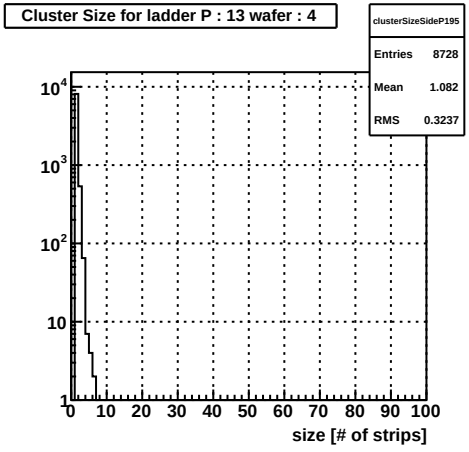

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1234
Mean 1.065
RMS 0.2772
size [# of strips]

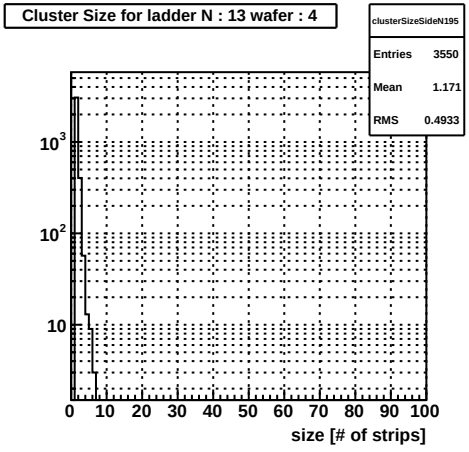

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2141
Mean 1.441
RMS 0.8983
size [# of strips]

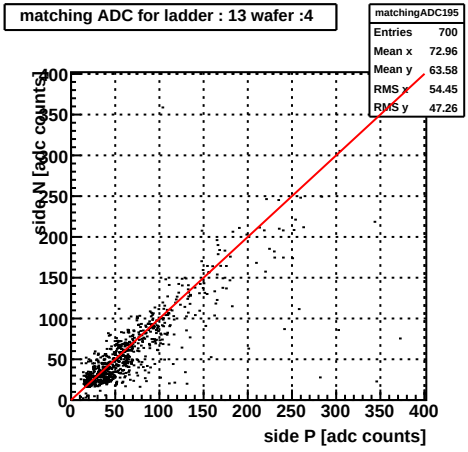

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 23
Mean x 52.22
Mean y 88.48
RMS x 64.92
RMS y 66.15
side N [adc counts]
side P [adc counts]

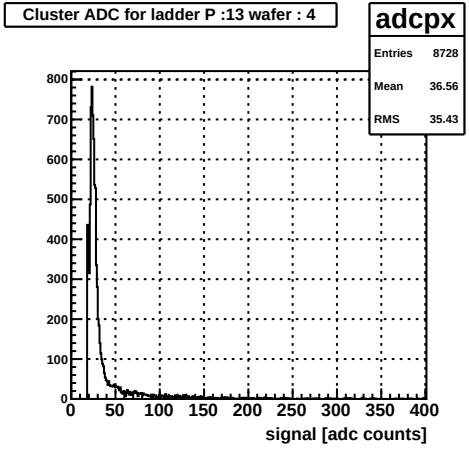

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1234
Mean 32.49
RMS 13.19
signal [adc counts]

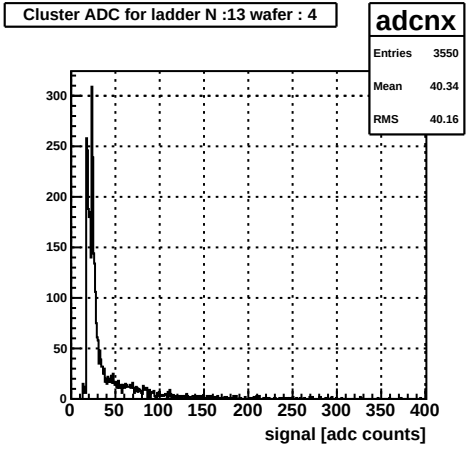

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2141
Mean 49.48
RMS 45.86
signal [adc counts]

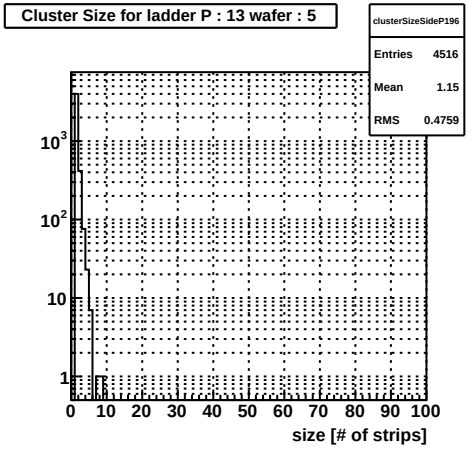

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8728
Mean 1.082
RMS 0.3237
size [# of strips]

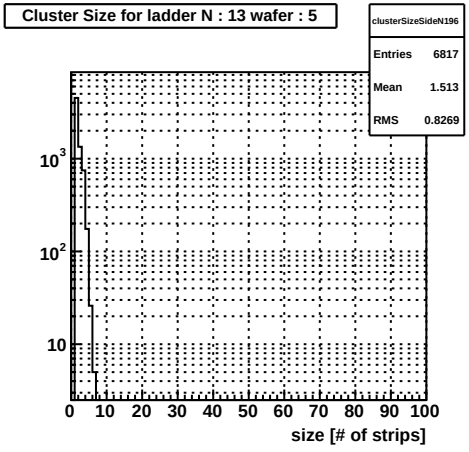

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3550
Mean 1.171
RMS 0.4933
size [# of strips]

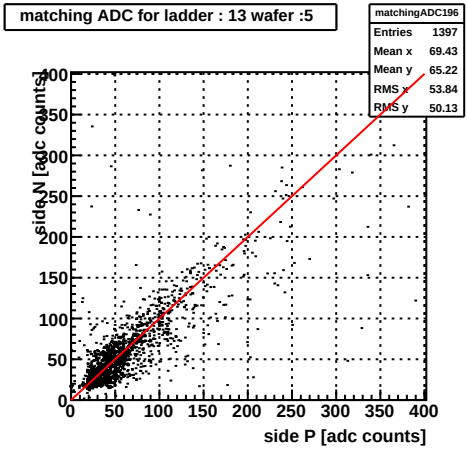

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 700
Mean x 72.96
Mean y 63.58
RMS x 54.45
RMS y 47.26
side N [adc counts]
side P [adc counts]

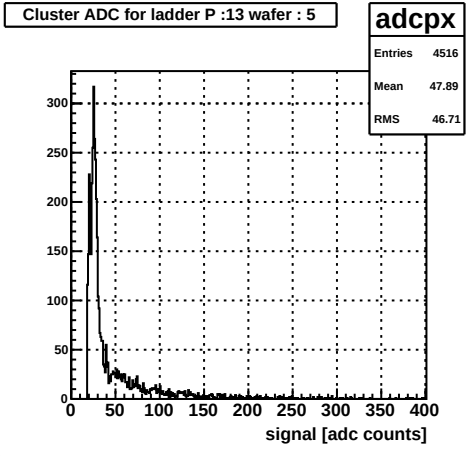

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8728
Mean 36.56
RMS 35.43
signal [adc counts]

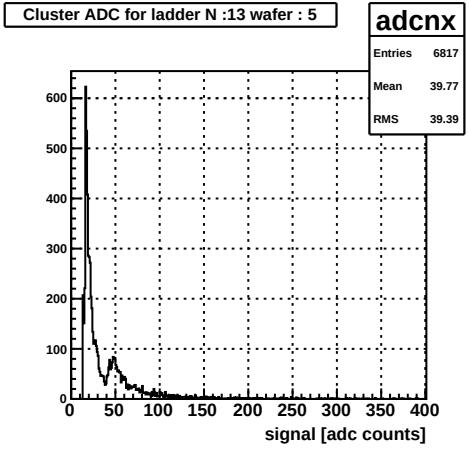

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3550
Mean 40.34
RMS 40.16
signal [adc counts]

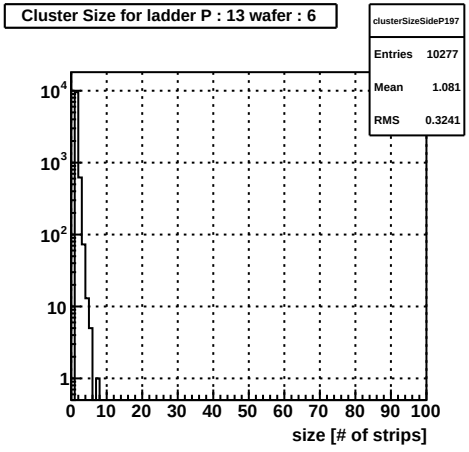

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4516
Mean 1.15
RMS 0.4759
size [# of strips]

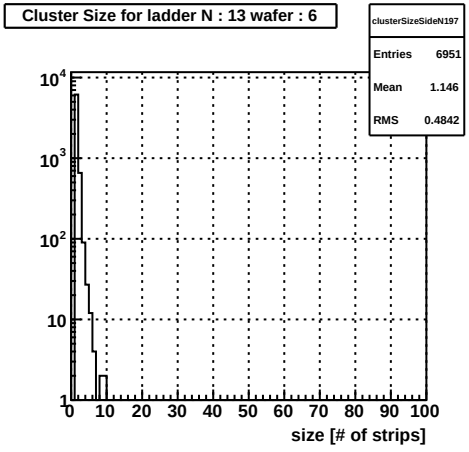

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6817
Mean 1.513
RMS 0.8269
size [# of strips]

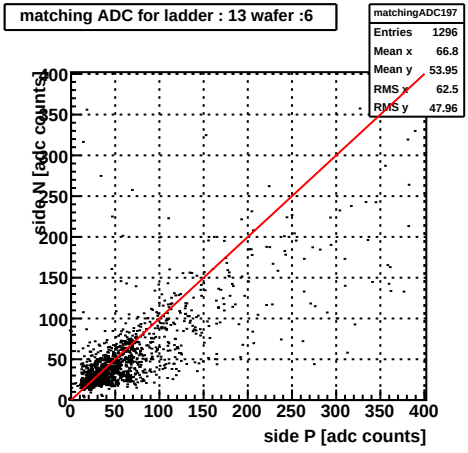

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1397
Mean x 69.43
Mean y 65.22
RMS x 53.84
RMS y 50.13
side N [adc counts]
side P [adc counts]

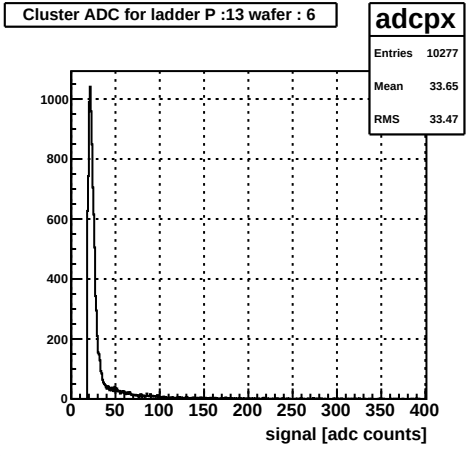

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4516
Mean 47.89
RMS 46.71
signal [adc counts]

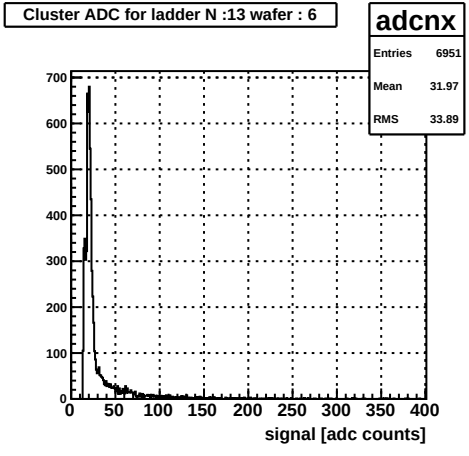

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6817
Mean 39.77
RMS 39.39
signal [adc counts]

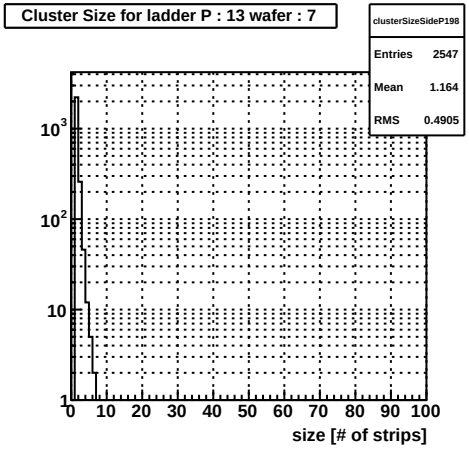

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 10277
Mean 1.081
RMS 0.3241
size [# of strips]

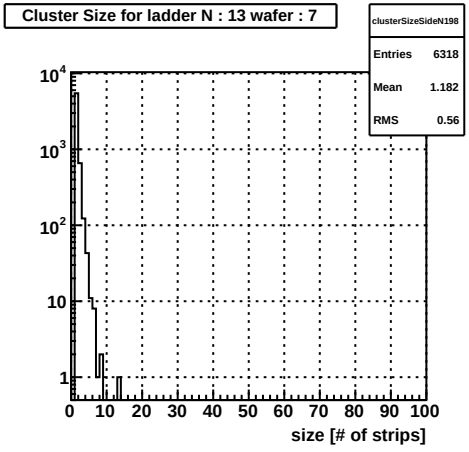

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6951
Mean 1.146
RMS 0.4842
size [# of strips]

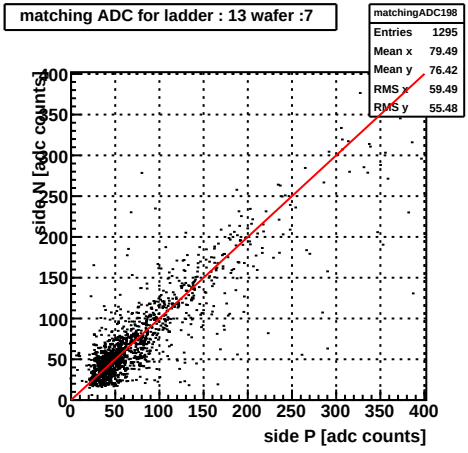

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1296
Mean x 66.8
Mean y 53.95
RMS x 62.5
RMS y 47.96
side N [adc counts]
side P [adc counts]

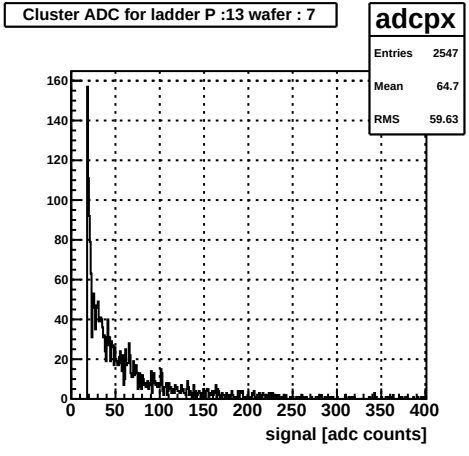

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 10277
Mean 33.65
RMS 33.47
signal [adc counts]

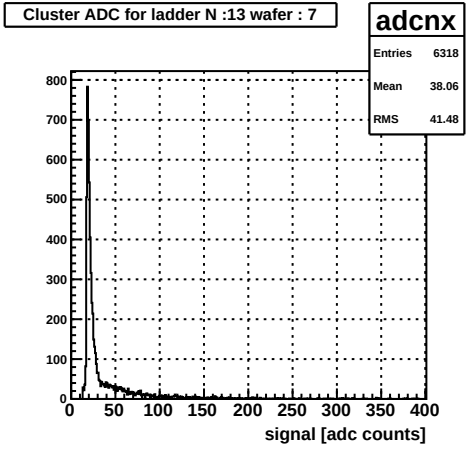

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6951
Mean 31.97
RMS 33.89
signal [adc counts]

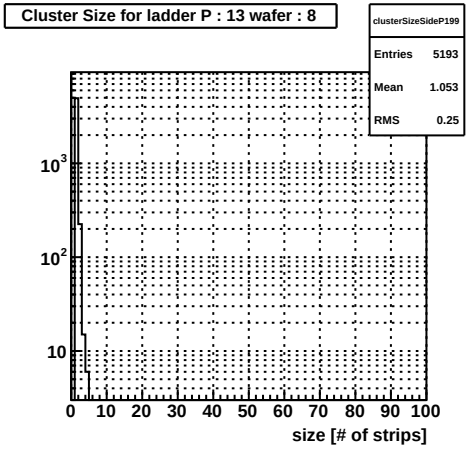

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2547
Mean 1.164
RMS 0.4905
size [# of strips]

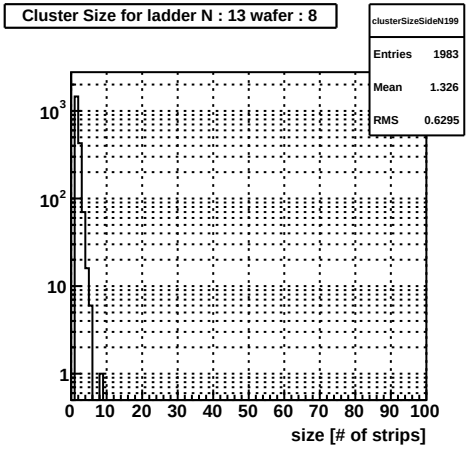

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6318
Mean 1.182
RMS 0.56
size [# of strips]

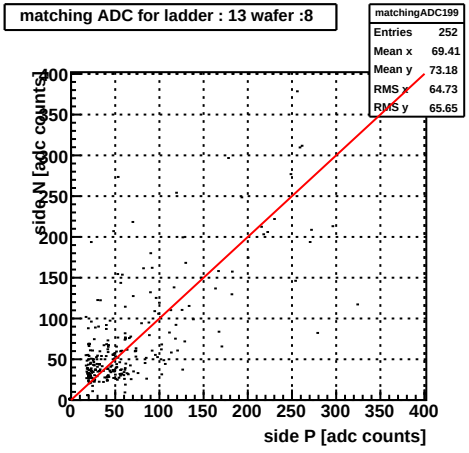

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1295
Mean x 79.49
Mean y 76.42
RMS x 59.49
RMS y 55.48
side N [adc counts]
side P [adc counts]

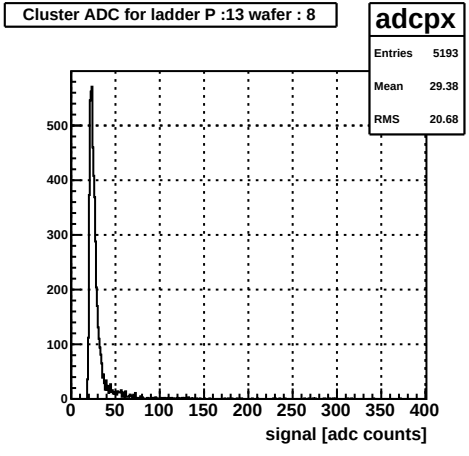

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2547
Mean 64.7
RMS 59.63
signal [adc counts]

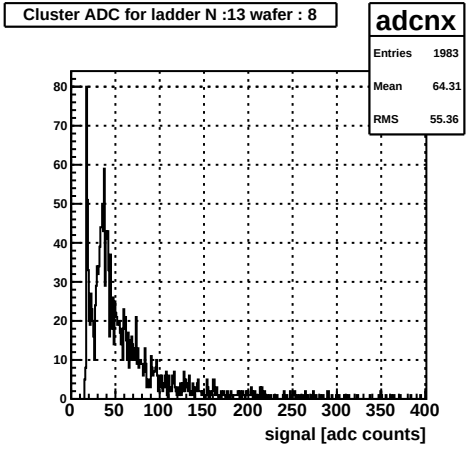

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6318
Mean 38.06
RMS 41.48
signal [adc counts]

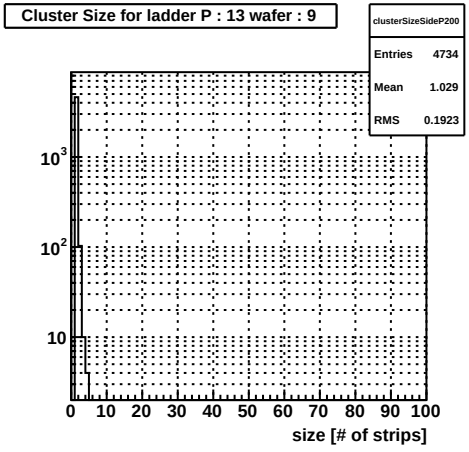

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5193
Mean 1.053
RMS 0.25
size [# of strips]

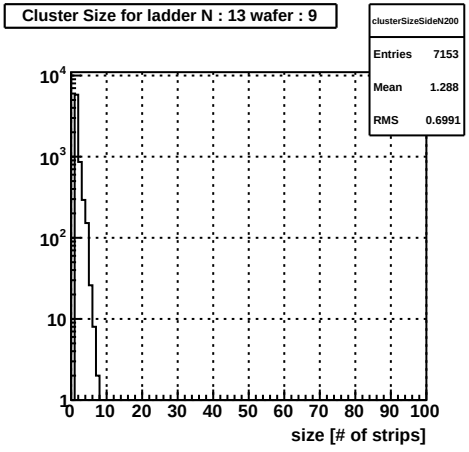

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1983
Mean 1.326
RMS 0.6295
size [# of strips]

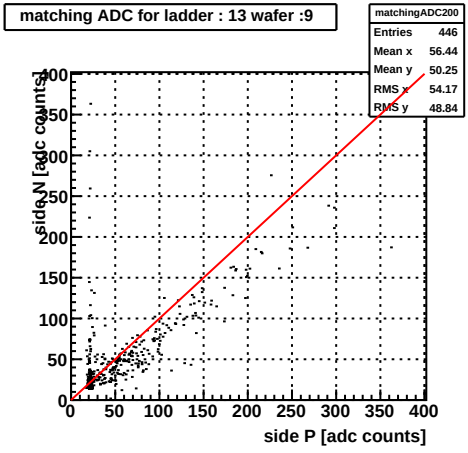

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 252
Mean x 69.41
Mean y 73.18
RMS x 64.73
RMS y 65.65
side N [adc counts]
side P [adc counts]

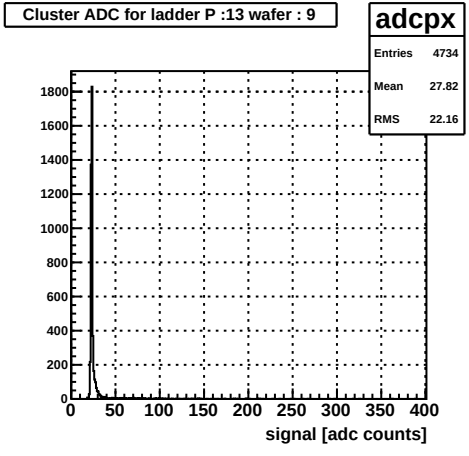

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5193
Mean 29.38
RMS 20.68
signal [adc counts]

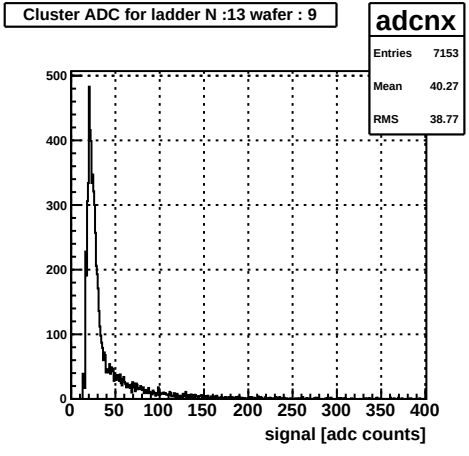

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1983
Mean 64.31
RMS 55.36
signal [adc counts]

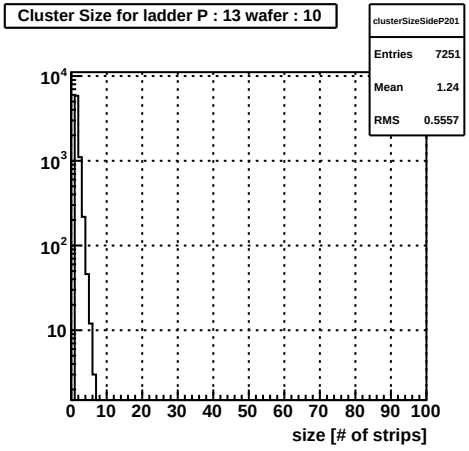

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4734
Mean 1.029
RMS 0.1923
size [# of strips]

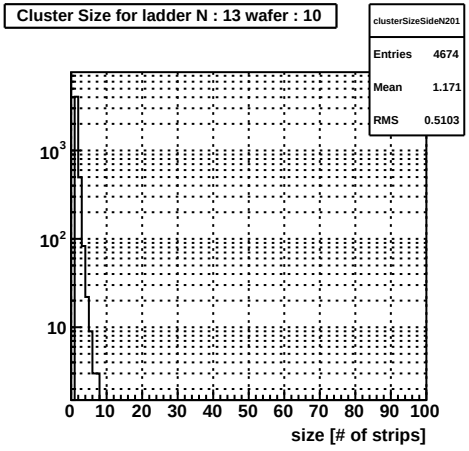

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 7153
Mean 1.288
RMS 0.6991
size [# of strips]

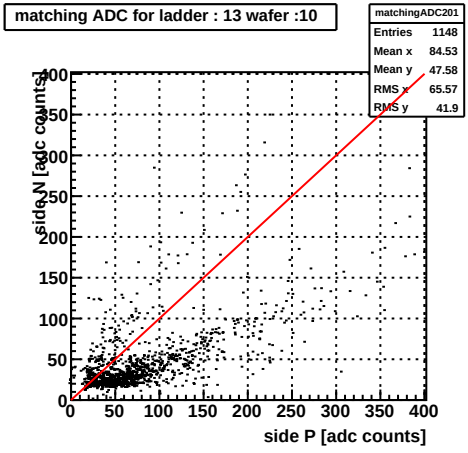

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 446
Mean x 56.44
Mean y 50.25
RMS x 54.17
RMS y 48.84
side N [adc counts]
side P [adc counts]

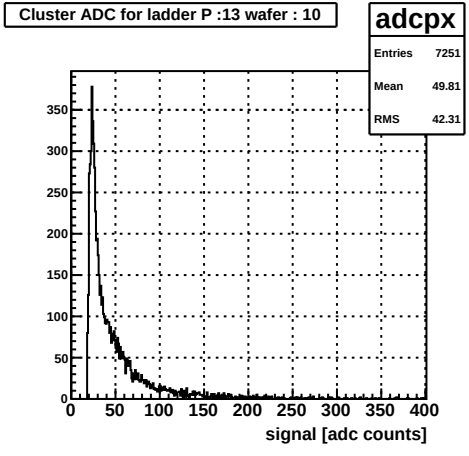

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4734
Mean 27.82
RMS 22.16
signal [adc counts]

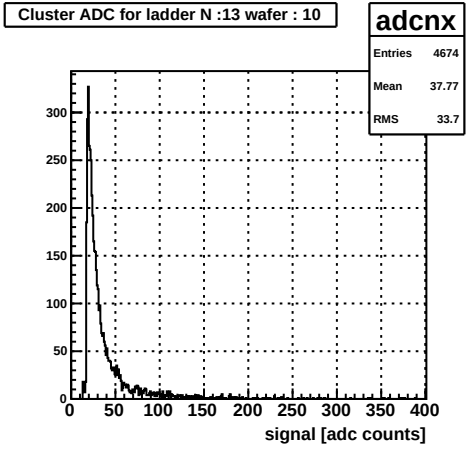

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 7153
Mean 40.27
RMS 38.77
signal [adc counts]

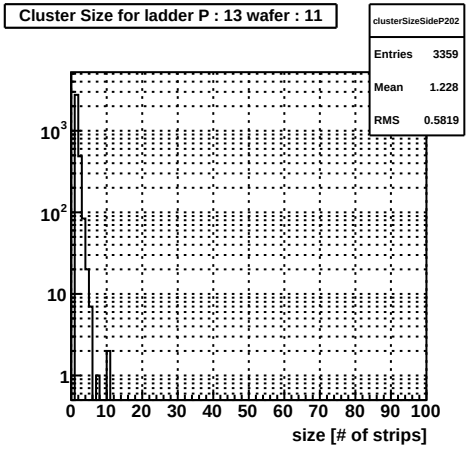

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7251
Mean 1.24
RMS 0.5557
size [# of strips]

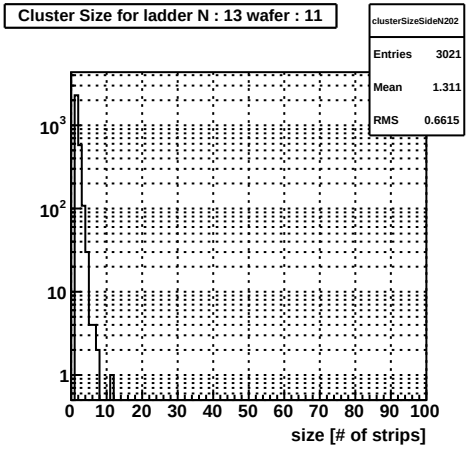

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4674
Mean 1.171
RMS 0.5103
size [# of strips]

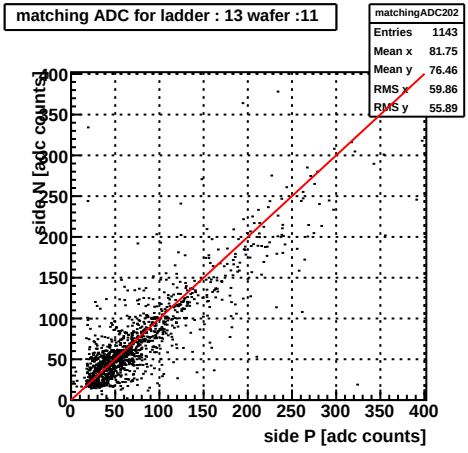

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1148
Mean x 84.53
Mean y 47.58
RMS x 65.57
RMS y 41.9
side N [adc counts]
side P [adc counts]

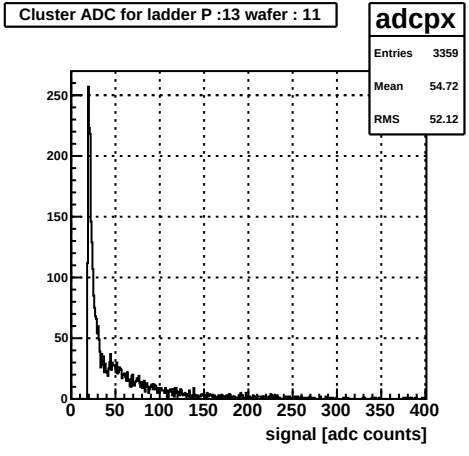

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7251
Mean 49.81
RMS 42.31
signal [adc counts]

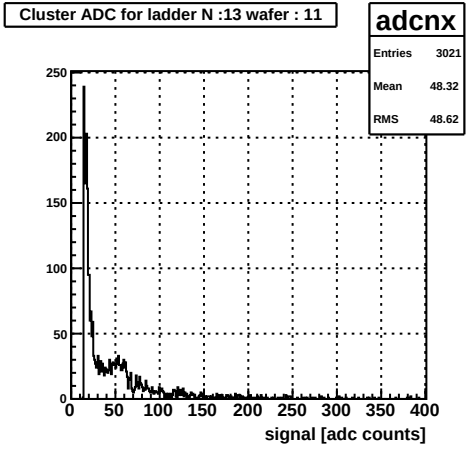

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4674
Mean 37.77
RMS 33.7
signal [adc counts]

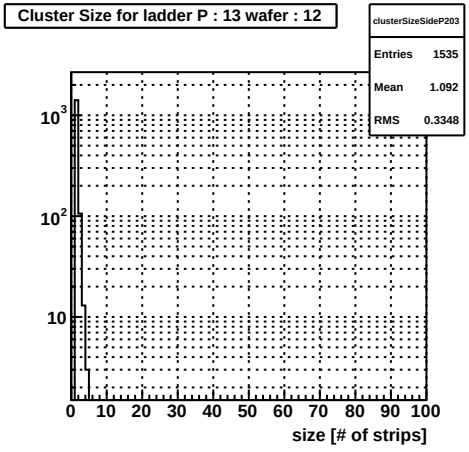

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3359
Mean 1.228
RMS 0.5819
size [# of strips]

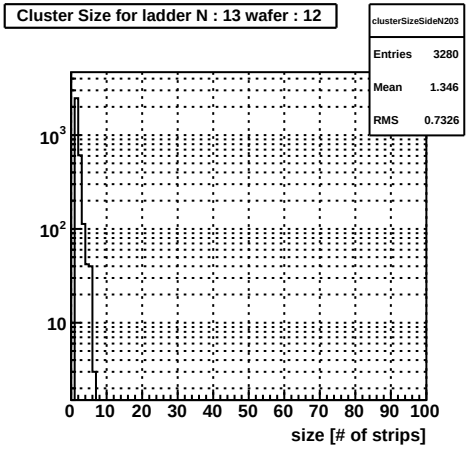

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3021
Mean 1.311
RMS 0.6615
size [# of strips]

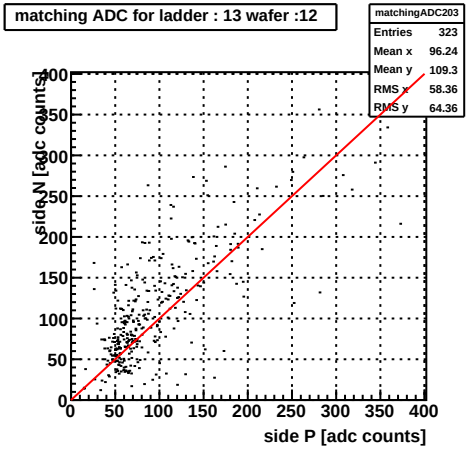

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1143
Mean x 81.75
Mean y 76.46
RMS x 59.86
RMS y 55.89
side N [adc counts]
side P [adc counts]

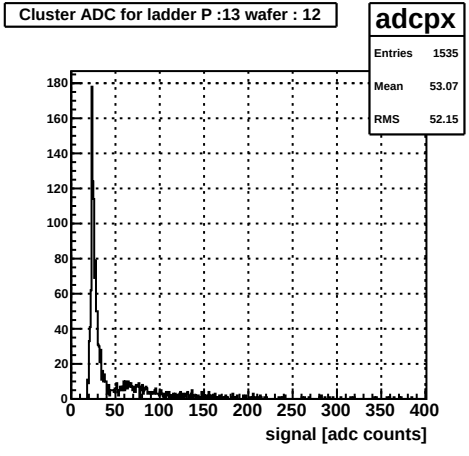

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3359
Mean 54.72
RMS 52.12
signal [adc counts]

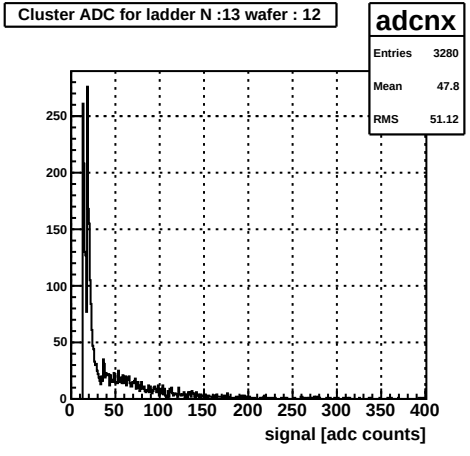

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3021
Mean 48.32
RMS 48.62
signal [adc counts]

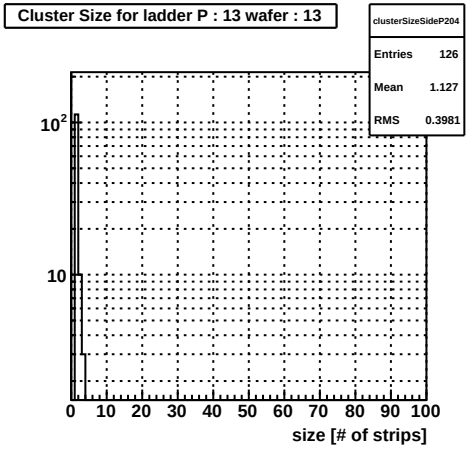

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1535
Mean 1.092
RMS 0.3348
size [# of strips]

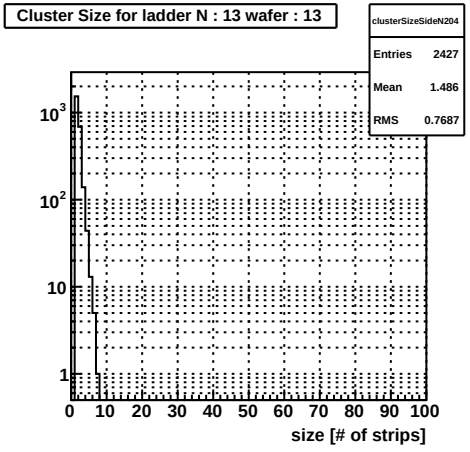

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 3280
Mean 1.346
RMS 0.7326
size [# of strips]

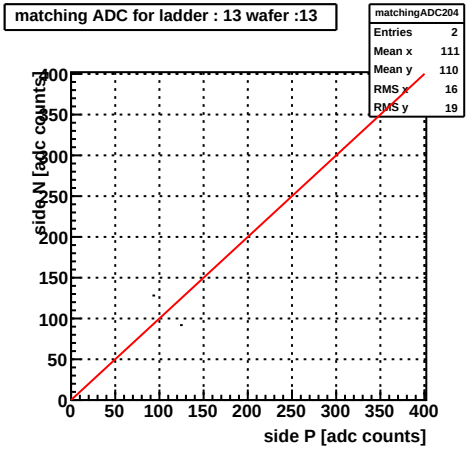

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 323
Mean x 96.24
Mean y 109.3
RMS x 58.36
RMS y 64.36
side N [adc counts]
side P [adc counts]

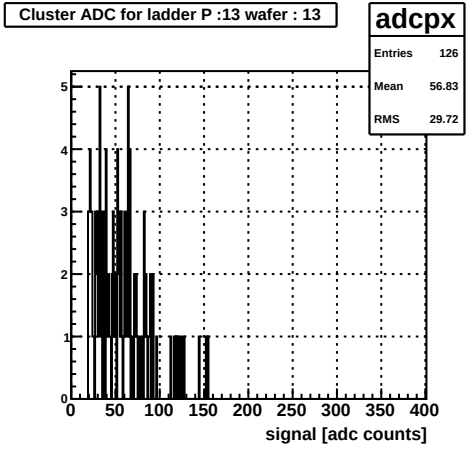

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1535
Mean 53.07
RMS 52.15
signal [adc counts]

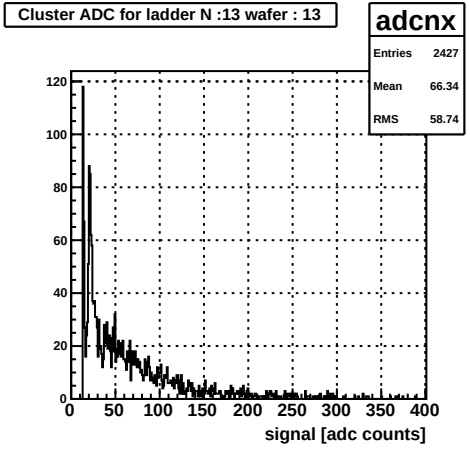

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 3280
Mean 47.8
RMS 51.12
signal [adc counts]

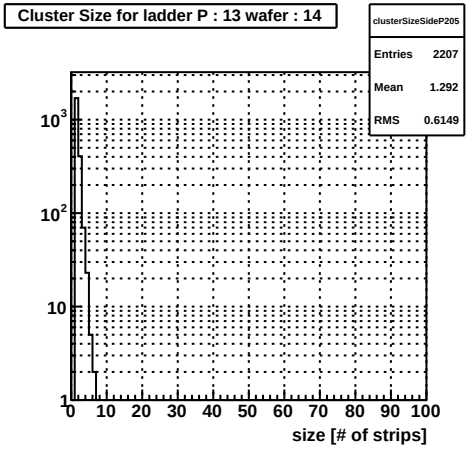

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 126
Mean 1.127
RMS 0.3981
size [# of strips]

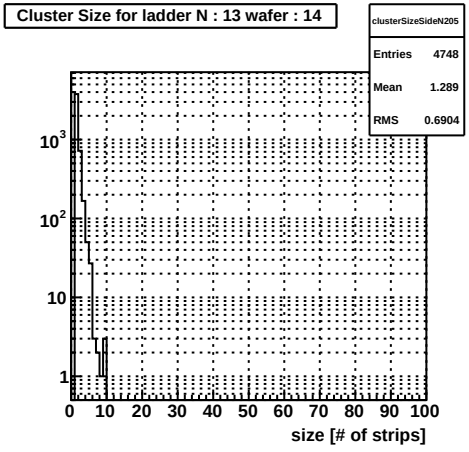

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2427
Mean 1.486
RMS 0.7687
size [# of strips]

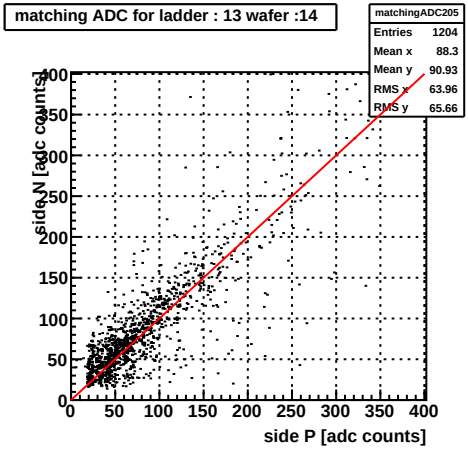

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 111
Mean y 110
RMS x 16
RMS y 19
side N [adc counts]
side P [adc counts]

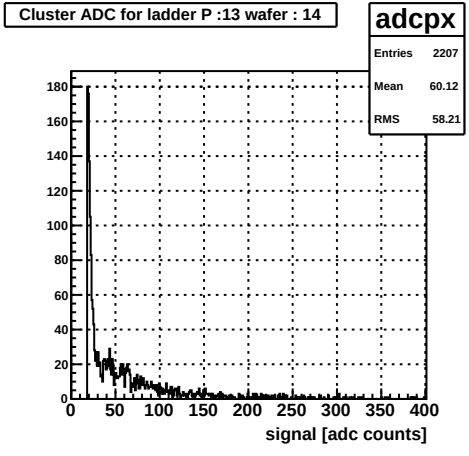

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 126
Mean 56.83
RMS 29.72
signal [adc counts]

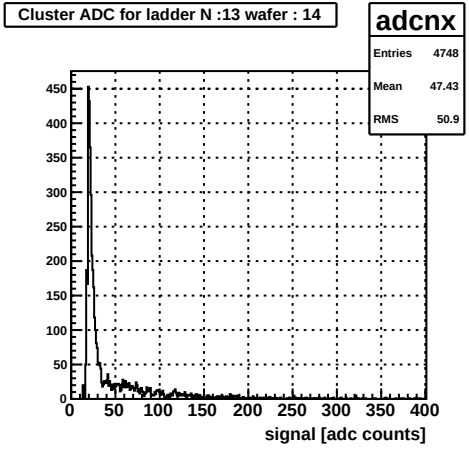

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2427
Mean 66.34
RMS 58.74
signal [adc counts]

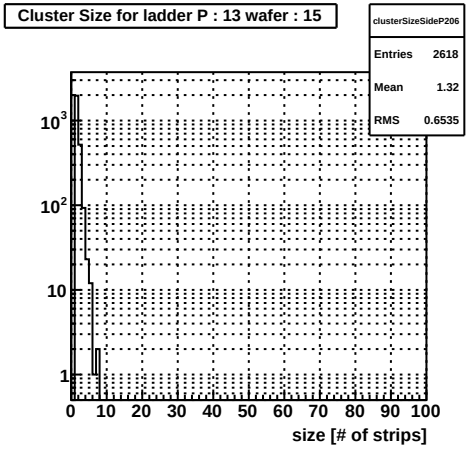

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2207
Mean 1.292
RMS 0.6149
size [# of strips]

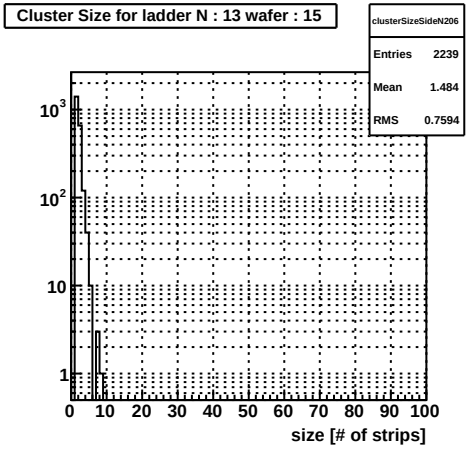

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4748
Mean 1.289
RMS 0.6904
size [# of strips]

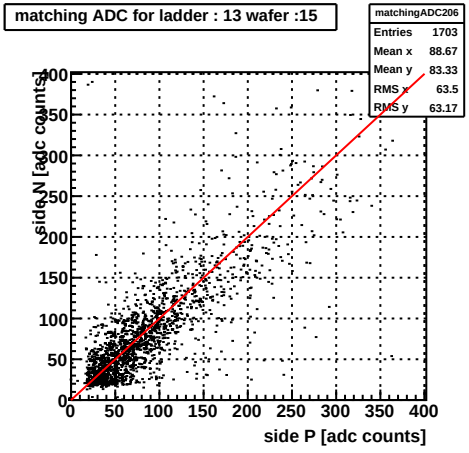

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1204
Mean x 88.3
Mean y 90.93
RMS x 63.96
RMS y 65.66
side N [adc counts]
side P [adc counts]

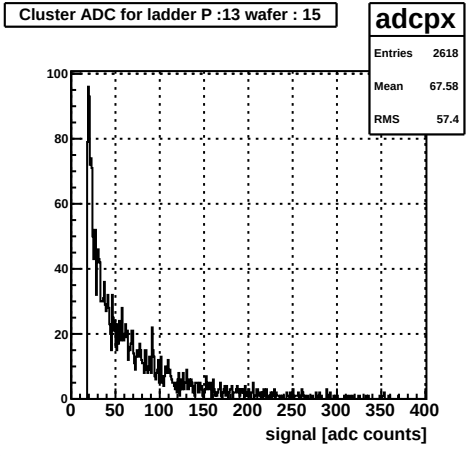

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2207
Mean 60.12
RMS 58.21
signal [adc counts]

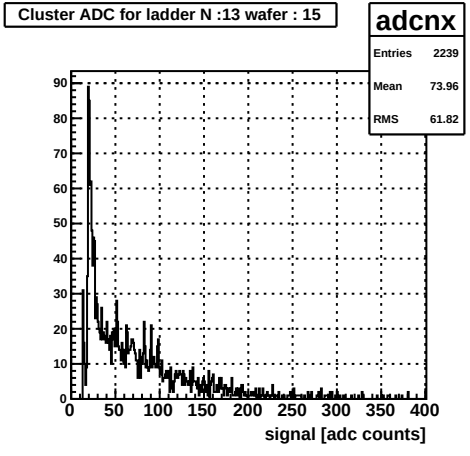

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4748
Mean 47.43
RMS 50.9
signal [adc counts]

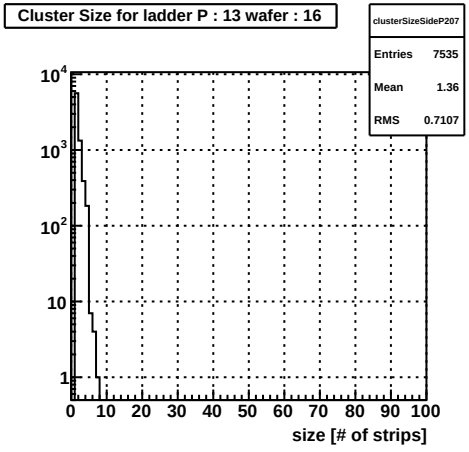

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2618
Mean 1.32
RMS 0.6535
size [# of strips]

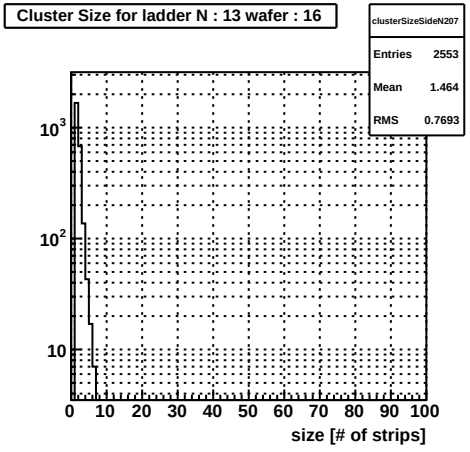

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2239
Mean 1.484
RMS 0.7594
size [# of strips]

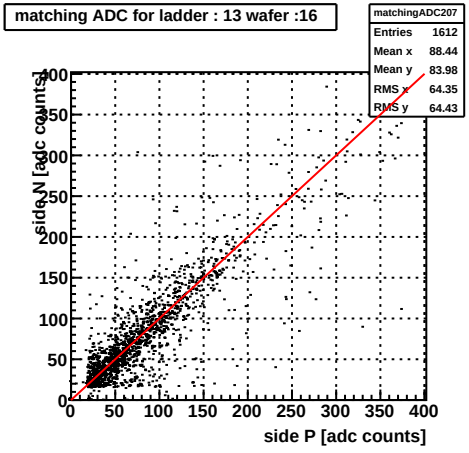

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1703
Mean x 88.67
Mean y 83.33
RMS x 63.5
RMS y 63.17
side N [adc counts]
side P [adc counts]

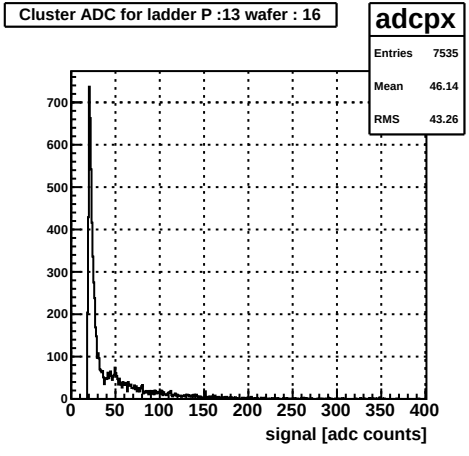

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2618
Mean 67.58
RMS 57.4
signal [adc counts]

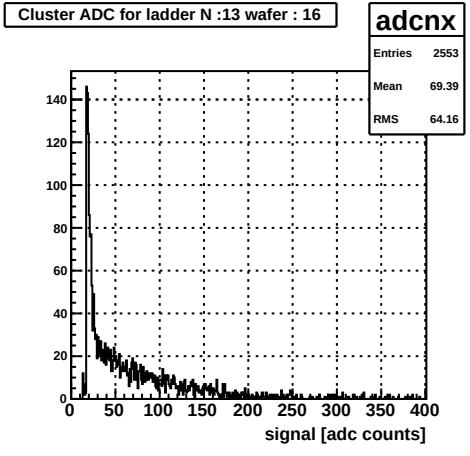

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2239
Mean 73.96
RMS 61.82
signal [adc counts]

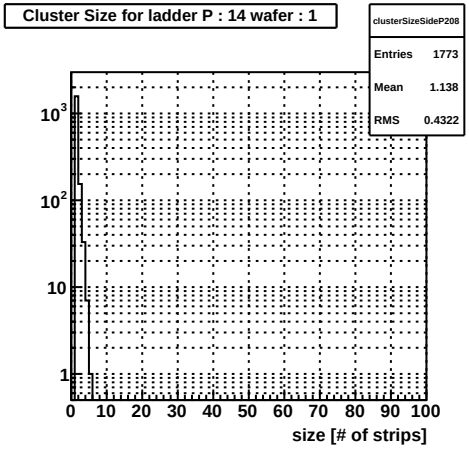

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 7535
Mean 1.36
RMS 0.7107
size [# of strips]

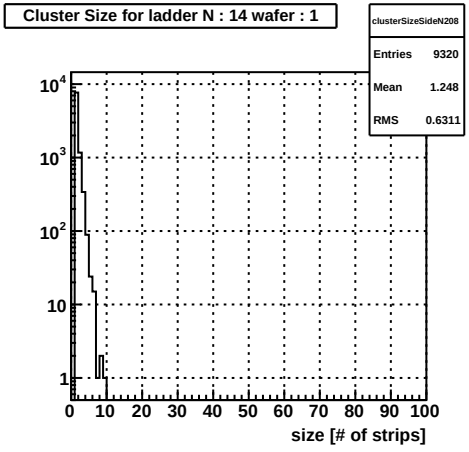

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2553
Mean 1.464
RMS 0.7693
size [# of strips]

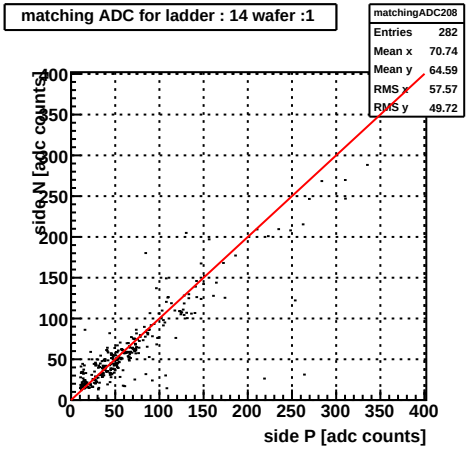

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1612
Mean x 88.44
Mean y 83.98
RMS x 64.35
RMS y 64.43
side N [adc counts]
side P [adc counts]

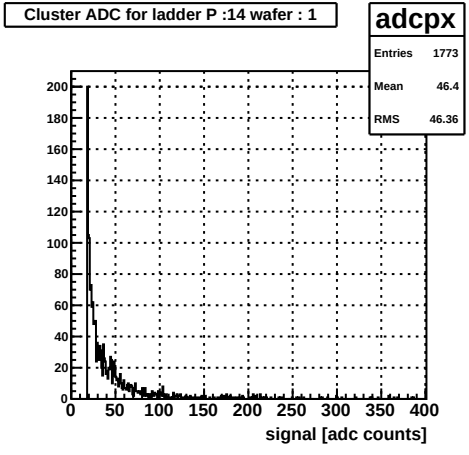

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 7535
Mean 46.14
RMS 43.26
signal [adc counts]

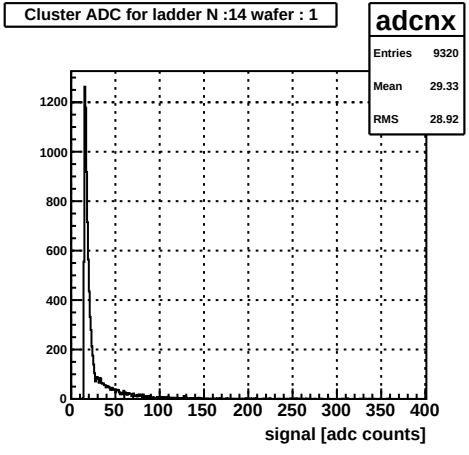

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2553
Mean 69.39
RMS 64.16
signal [adc counts]

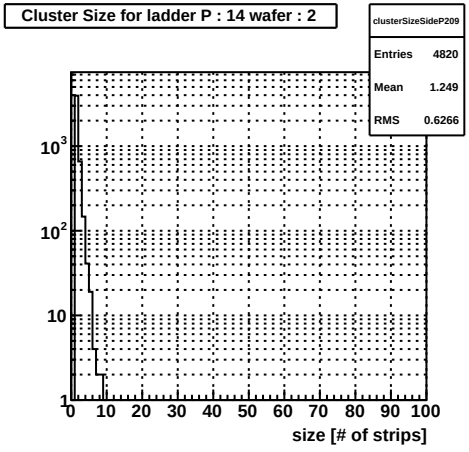

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1773
Mean 1.138
RMS 0.4322
size [# of strips]

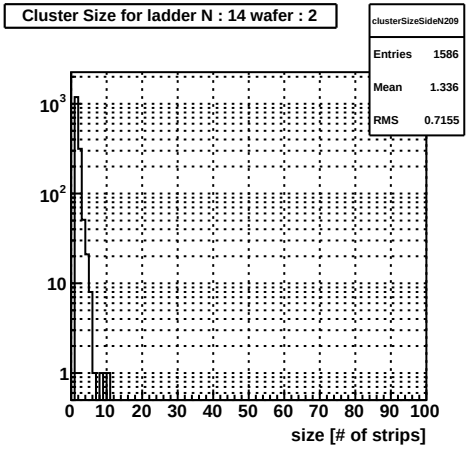

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 9320
Mean 1.248
RMS 0.6311
size [# of strips]

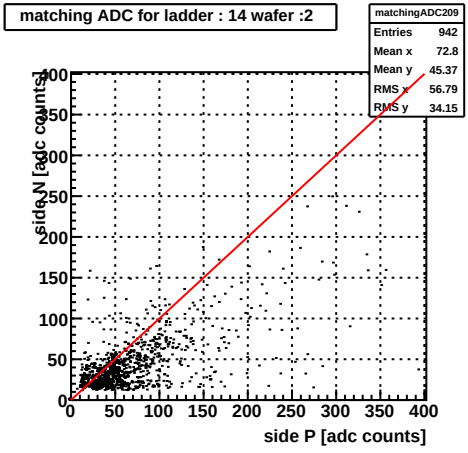

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 282
Mean x 70.74
Mean y 64.59
RMS x 57.57
RMS y 49.72
side N [adc counts]
side P [adc counts]

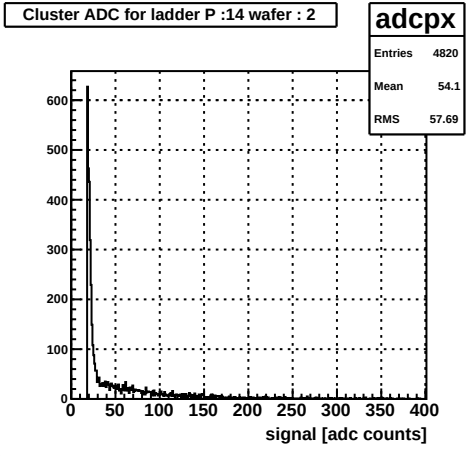

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1773
Mean 46.4
RMS 46.36
signal [adc counts]

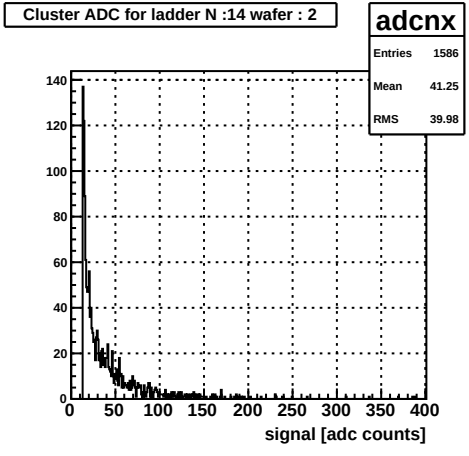

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 9320
Mean 29.33
RMS 28.92
signal [adc counts]

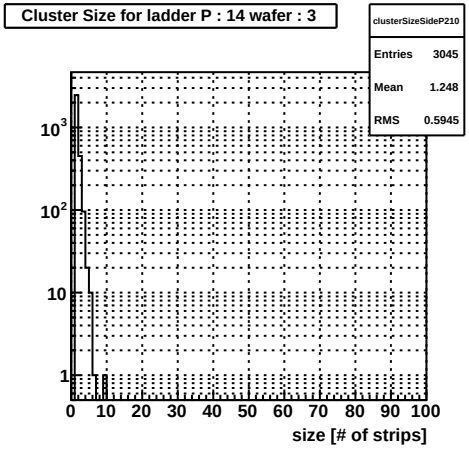

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4820
Mean 1.249
RMS 0.6266
size [# of strips]

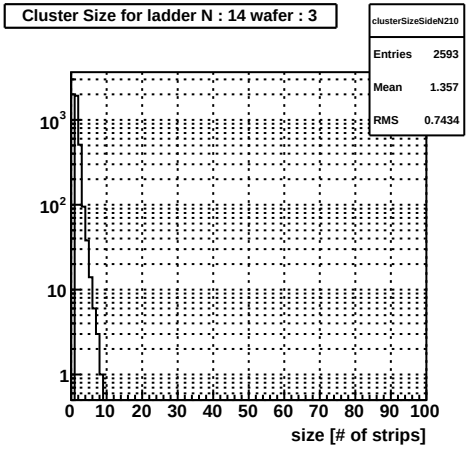

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1586
Mean 1.336
RMS 0.7155
size [# of strips]

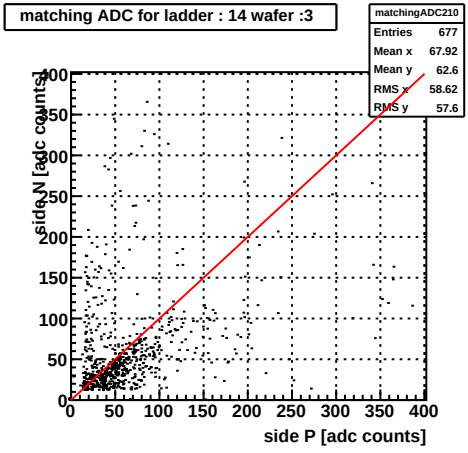

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 942
Mean x 72.8
Mean y 45.37
RMS x 56.79
RMS y 34.15
side N [adc counts]
side P [adc counts]

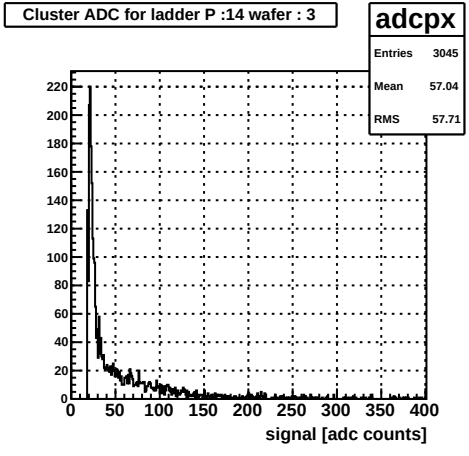

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4820
Mean 54.1
RMS 57.69
signal [adc counts]

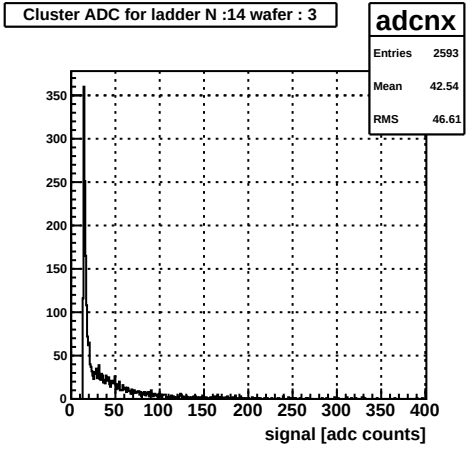

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1586
Mean 41.25
RMS 39.98
signal [adc counts]

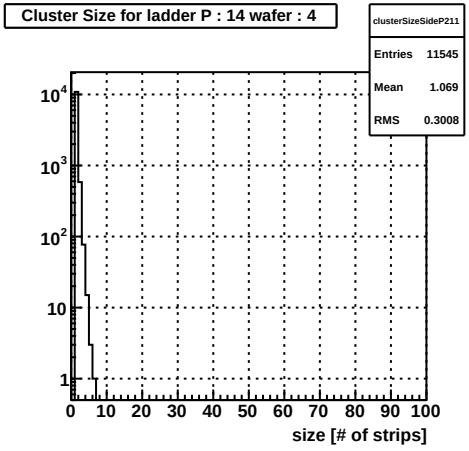

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3045
Mean 1.248
RMS 0.5945
size [# of strips]

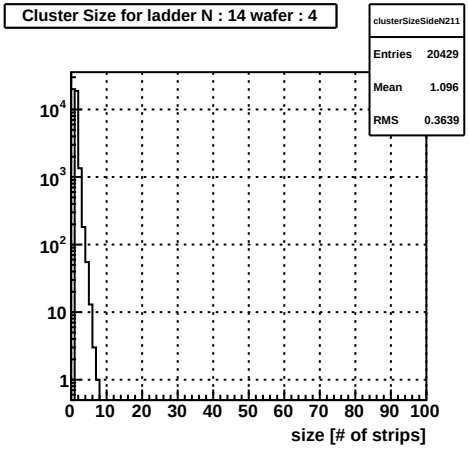

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2593
Mean 1.357
RMS 0.7434
size [# of strips]

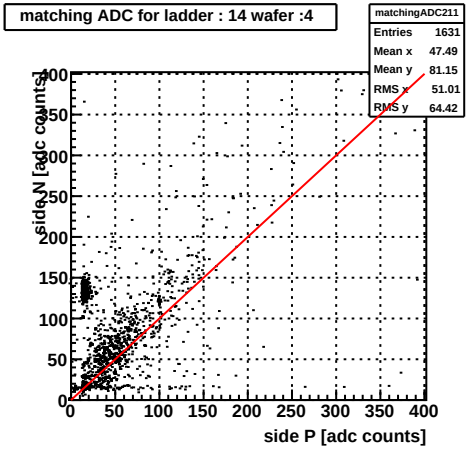

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 677
Mean x 67.92
Mean y 62.6
RMS x 58.62
RMS y 57.6
side N [adc counts]
side P [adc counts]

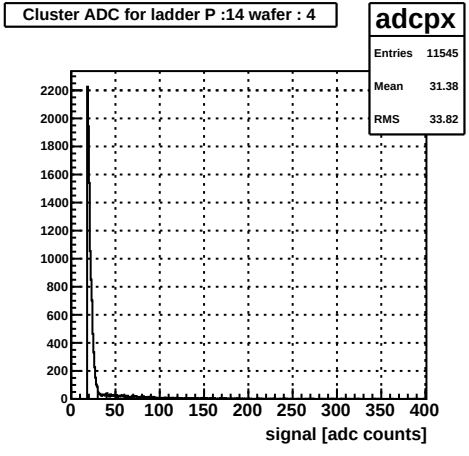

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3045
Mean 57.04
RMS 57.71
signal [adc counts]

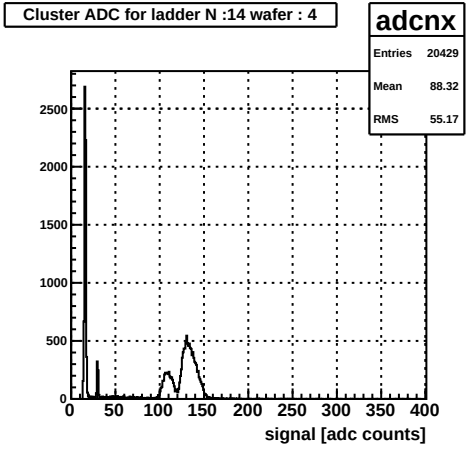

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2593
Mean 42.54
RMS 46.61
signal [adc counts]

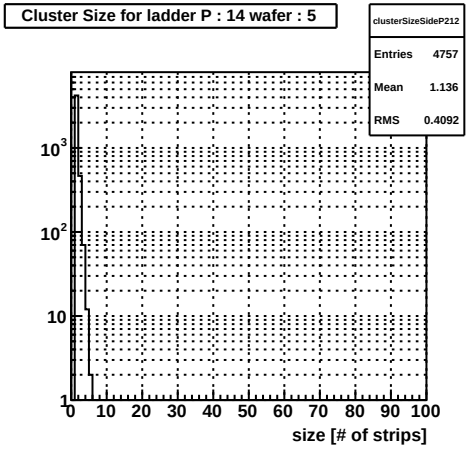

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 11545
Mean 1.069
RMS 0.3008
size [# of strips]

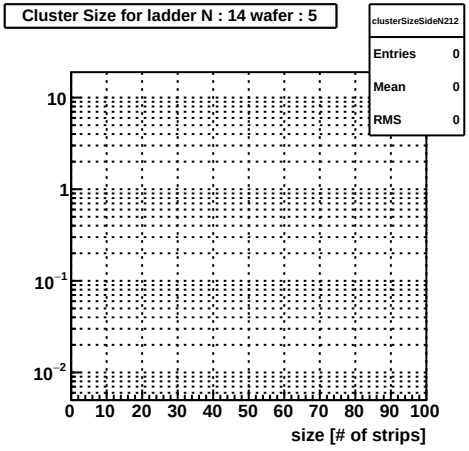

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 20429
Mean 1.096
RMS 0.3639
size [# of strips]

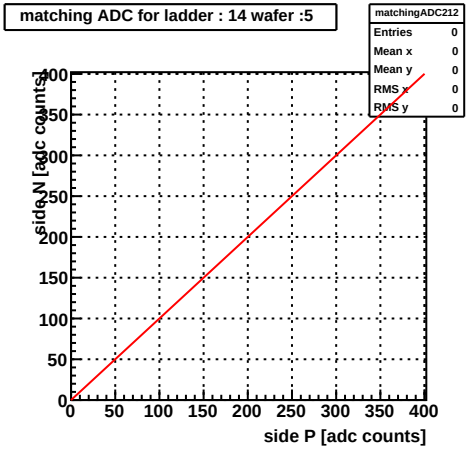

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1631
Mean x 47.49
Mean y 81.15
RMS x 51.01
RMS y 64.42
side N [adc counts]
side P [adc counts]

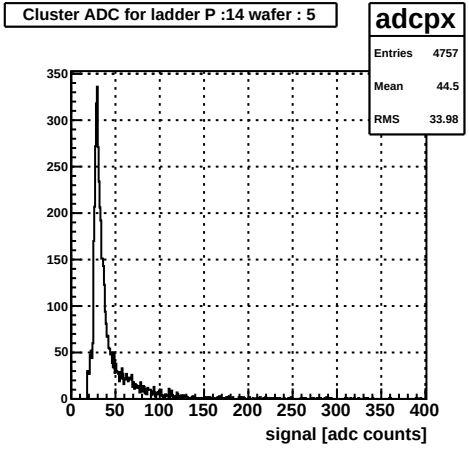

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 11545
Mean 31.38
RMS 33.82
signal [adc counts]

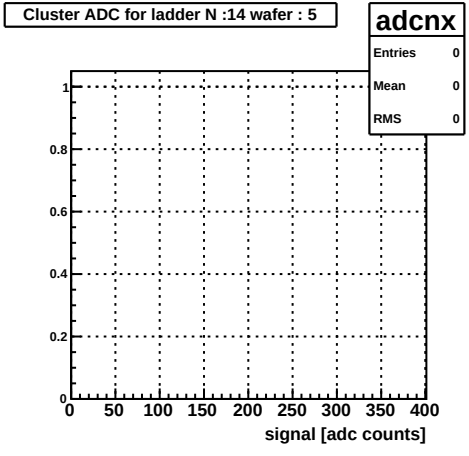

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 20429
Mean 88.32
RMS 55.17
signal [adc counts]

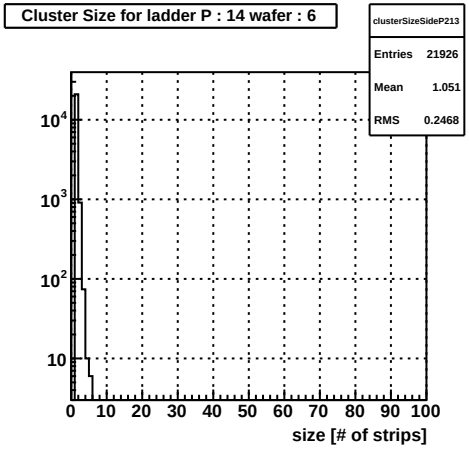

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4757
Mean 1.136
RMS 0.4092
size [# of strips]

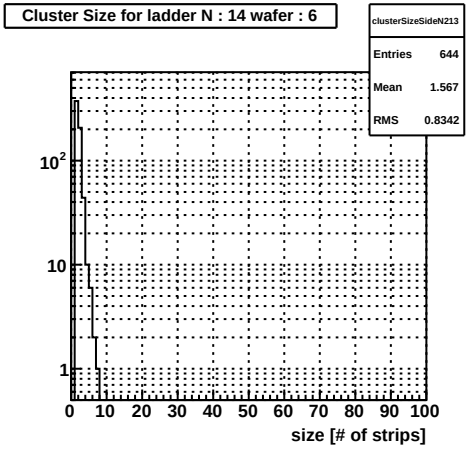

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

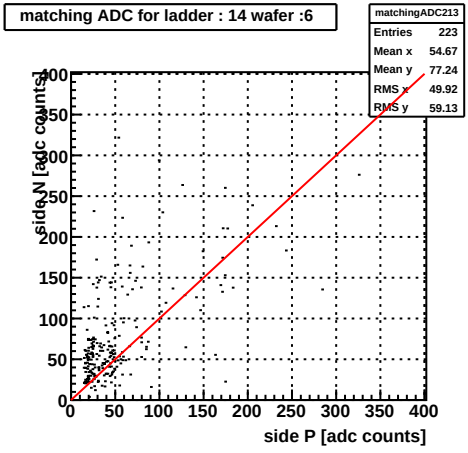

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

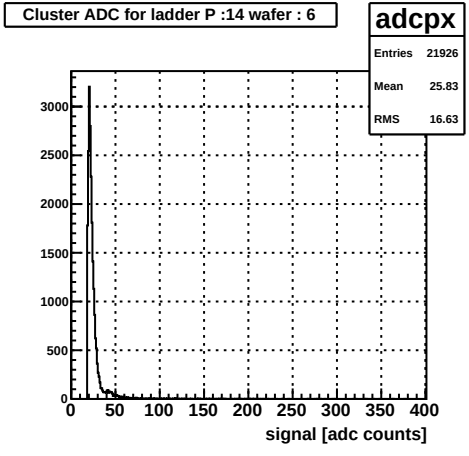

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4757
Mean 44.5
RMS 33.98
signal [adc counts]

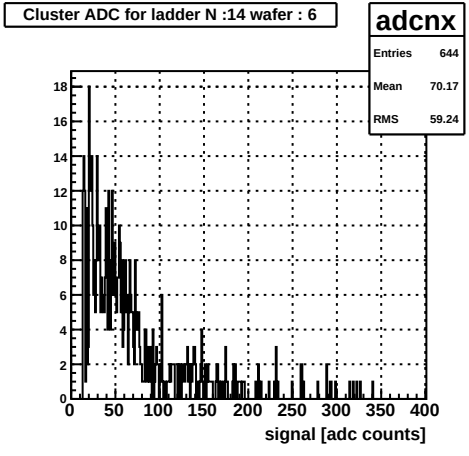

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

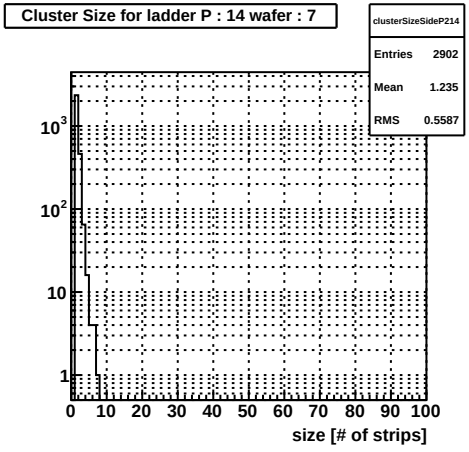

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21926
Mean 1.051
RMS 0.2468
size [# of strips]

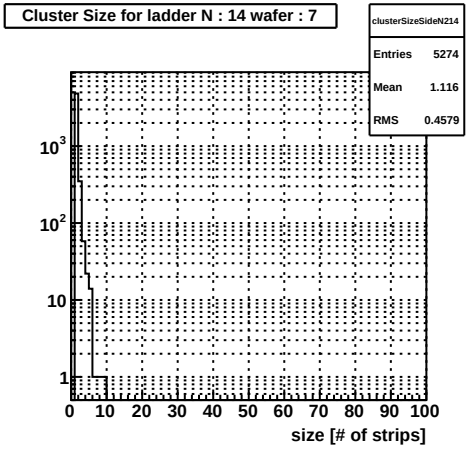

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 644
Mean 1.567
RMS 0.8342
size [# of strips]

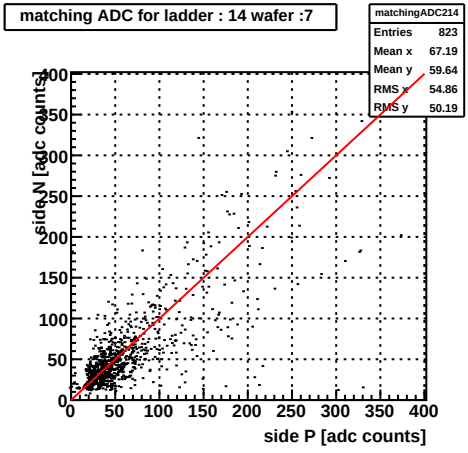

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 223
Mean x 54.67
Mean y 77.24
RMS x 49.92
RMS y 59.13
side N [adc counts]
side P [adc counts]

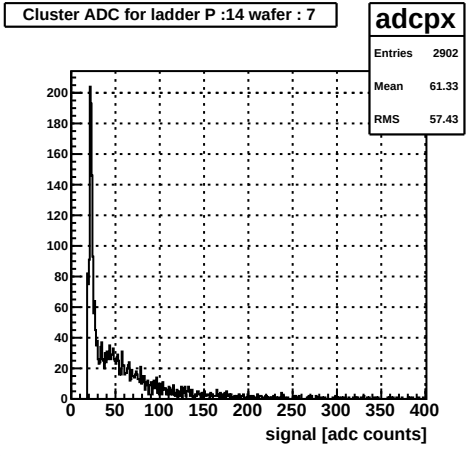

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21926
Mean 25.83
RMS 16.63
signal [adc counts]

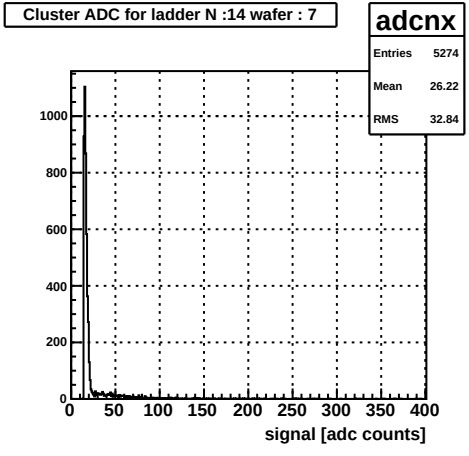

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 644
Mean 70.17
RMS 59.24
signal [adc counts]

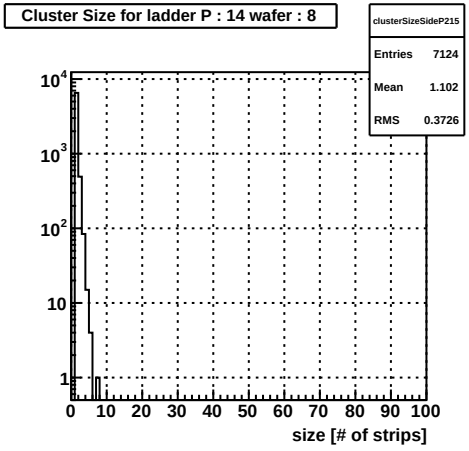

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2902
Mean 1.235
RMS 0.5587
size [# of strips]

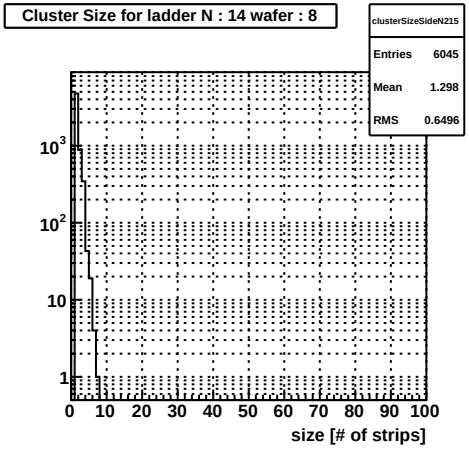

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5274
Mean 1.116
RMS 0.4579
size [# of strips]

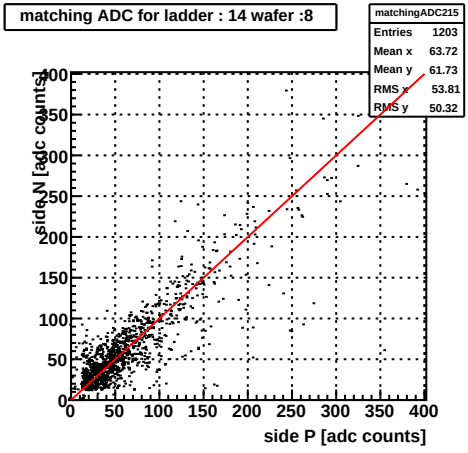

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 823
Mean x 67.19
Mean y 59.64
RMS x 54.86
RMS y 50.19
side N [adc counts]
side P [adc counts]

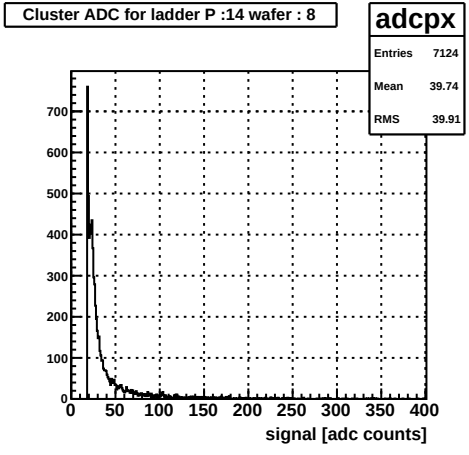

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2902
Mean 61.33
RMS 57.43
signal [adc counts]

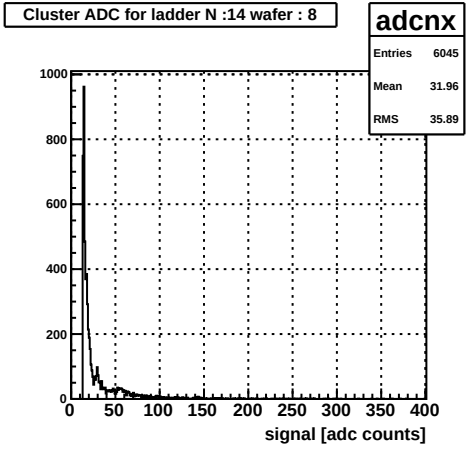

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5274
Mean 26.22
RMS 32.84
signal [adc counts]

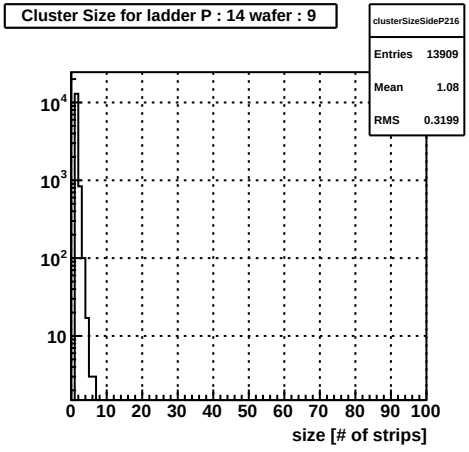

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7124
Mean 1.102
RMS 0.3726
size [# of strips]

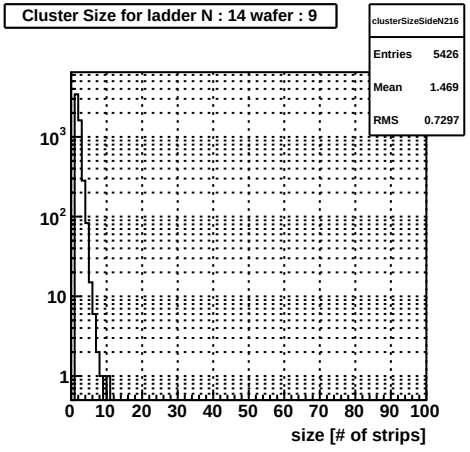

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6045
Mean 1.298
RMS 0.6496
size [# of strips]

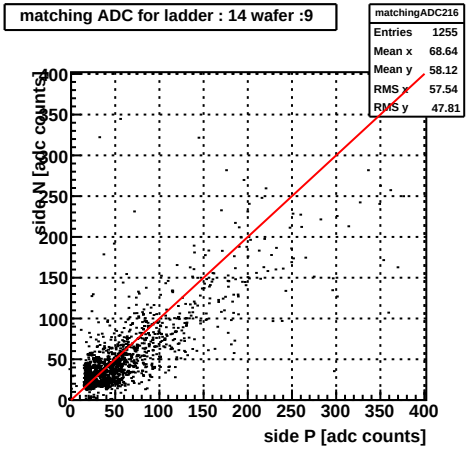

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1203
Mean x 63.72
Mean y 61.73
RMS x 53.81
RMS y 50.32
side N [adc counts]
side P [adc counts]

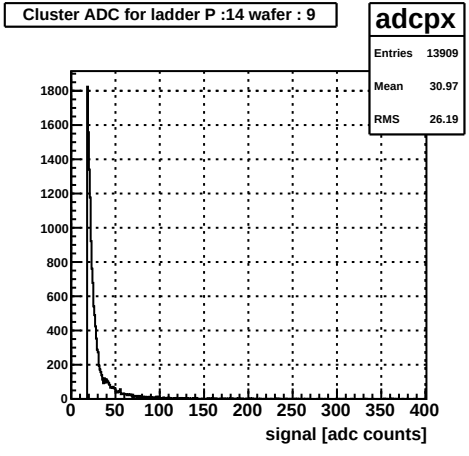

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7124
Mean 39.74
RMS 39.91
signal [adc counts]

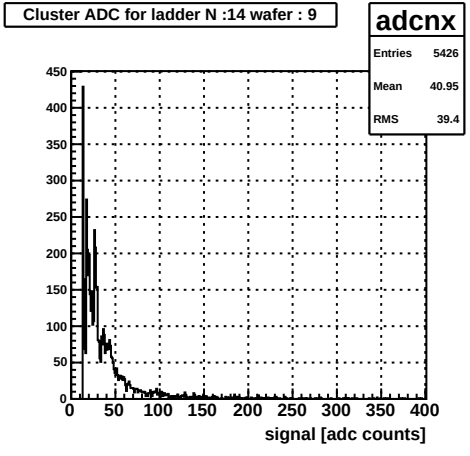

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6045
Mean 31.96
RMS 35.89
signal [adc counts]

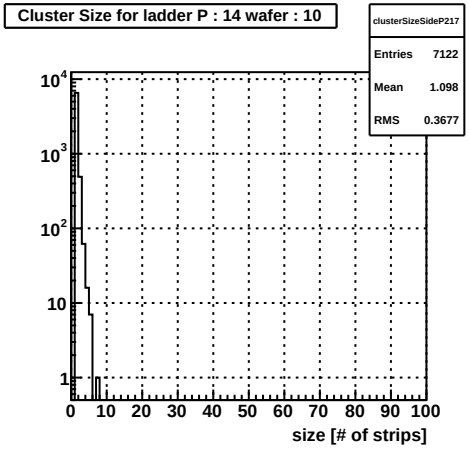

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13909
Mean 1.08
RMS 0.3199
size [# of strips]

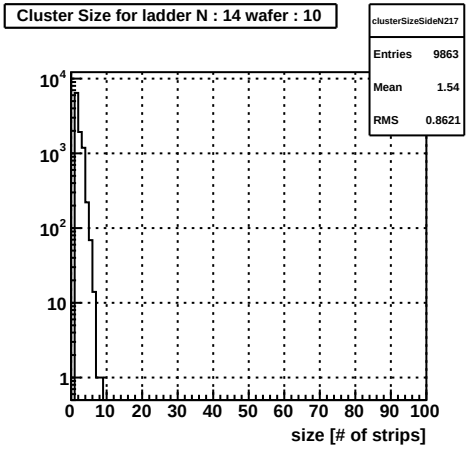

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5426
Mean 1.469
RMS 0.7297
size [# of strips]

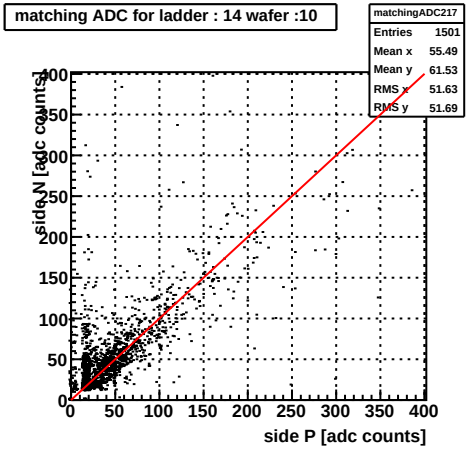

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1255
Mean x 68.64
Mean y 58.12
RMS x 57.54
RMS y 47.81
side N [adc counts]
side P [adc counts]

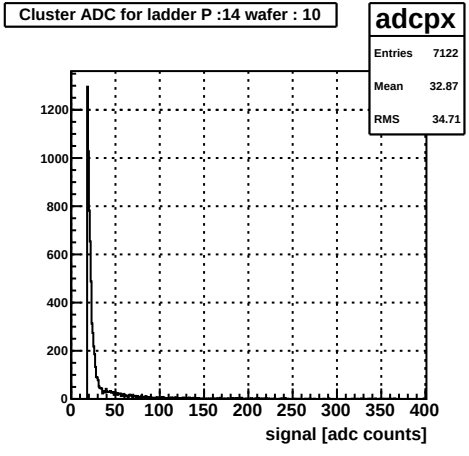

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13909
Mean 30.97
RMS 26.19
signal [adc counts]

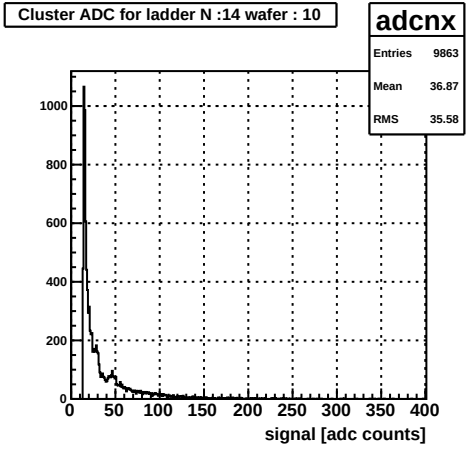

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5426
Mean 40.95
RMS 39.4
signal [adc counts]

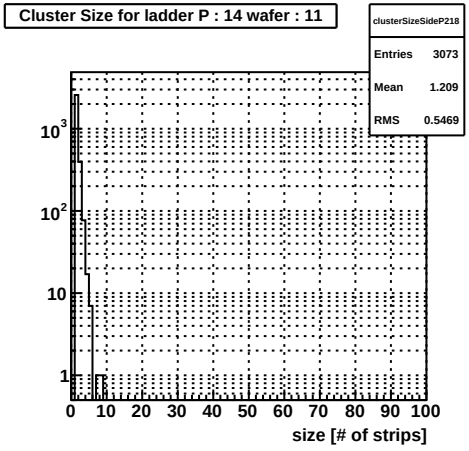

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7122
Mean 1.098
RMS 0.3677
size [# of strips]

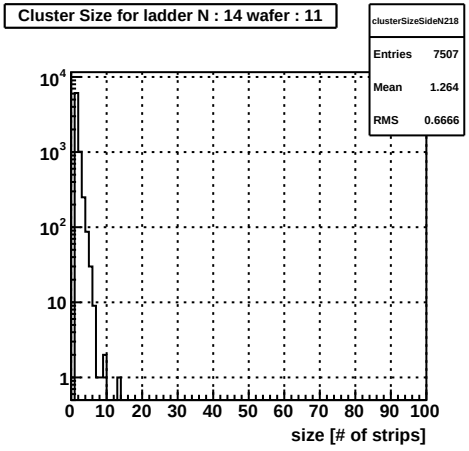

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9863
Mean 1.54
RMS 0.8621
size [# of strips]

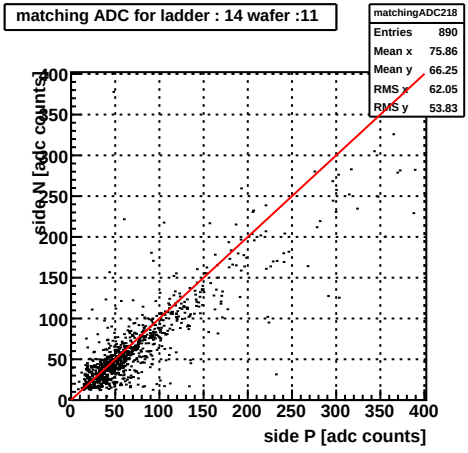

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1501
Mean x 55.49
Mean y 61.53
RMS x 51.63
RMS y 51.69
side N [adc counts]
side P [adc counts]

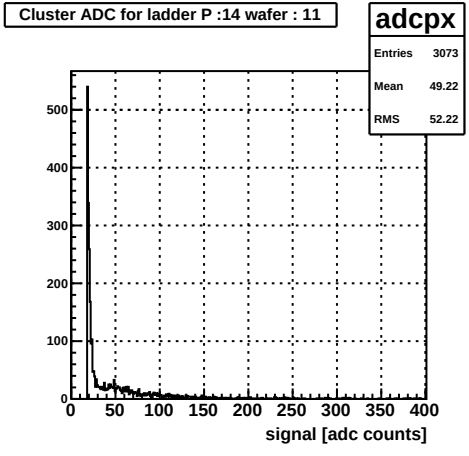

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7122
Mean 32.87
RMS 34.71
signal [adc counts]

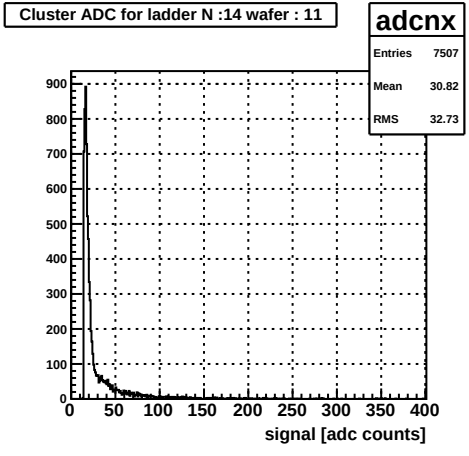

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9863
Mean 36.87
RMS 35.58
signal [adc counts]

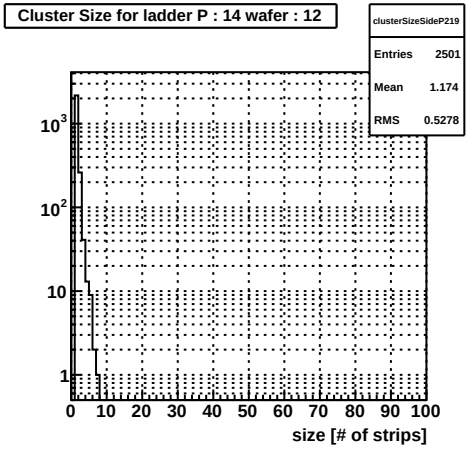

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3073
Mean 1.209
RMS 0.5469
size [# of strips]

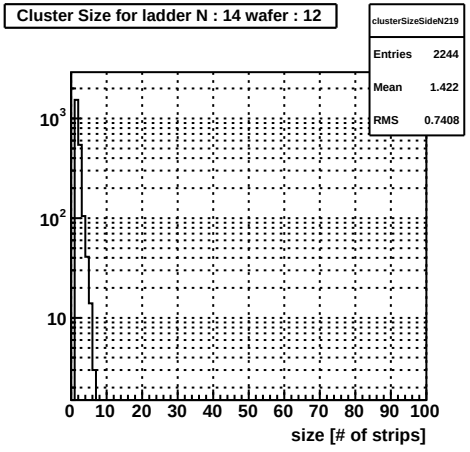

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7507
Mean 1.264
RMS 0.6666
size [# of strips]

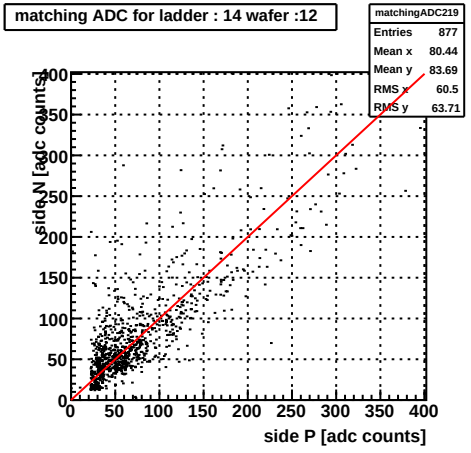

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 890
Mean x 75.86
Mean y 66.25
RMS x 62.05
RMS y 53.83
side N [adc counts]
side P [adc counts]

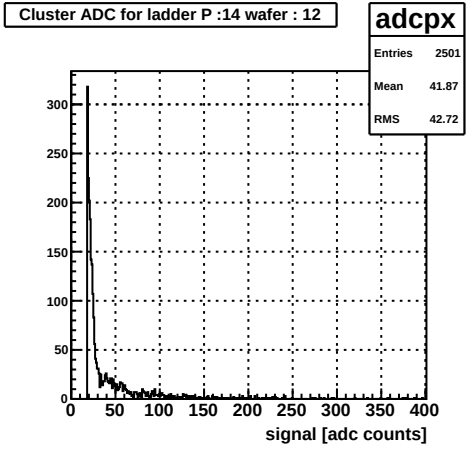

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3073
Mean 49.22
RMS 52.22
signal [adc counts]

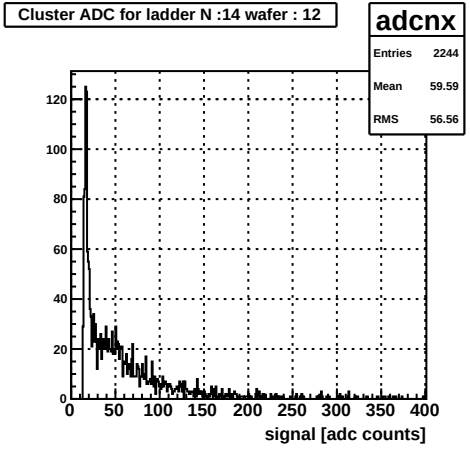

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7507
Mean 30.82
RMS 32.73
signal [adc counts]

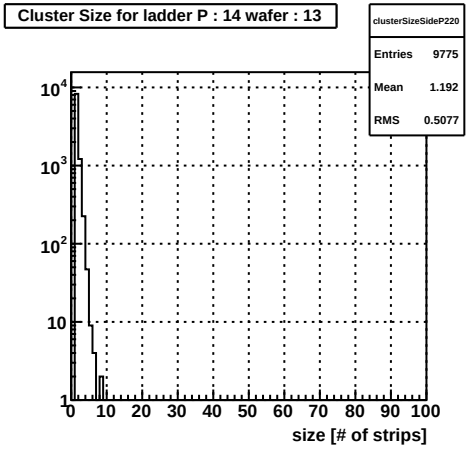

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2501
Mean 1.174
RMS 0.5278
size [# of strips]

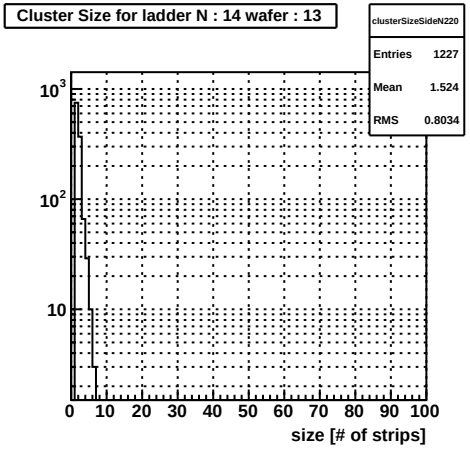

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2244
Mean 1.422
RMS 0.7408
size [# of strips]

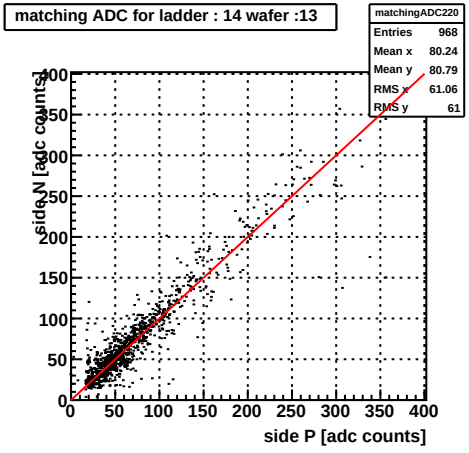

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 877
Mean x 80.44
Mean y 83.69
RMS x 60.5
RMS y 63.71
side N [adc counts]
side P [adc counts]

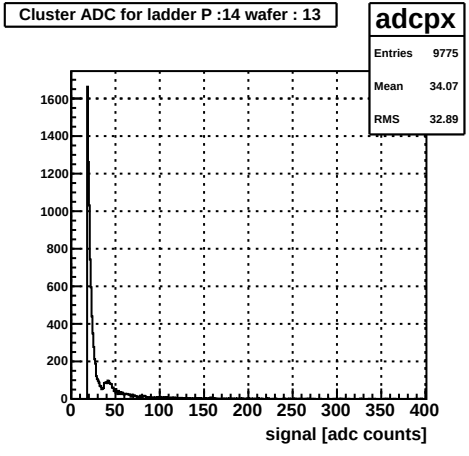

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2501
Mean 41.87
RMS 42.72
signal [adc counts]

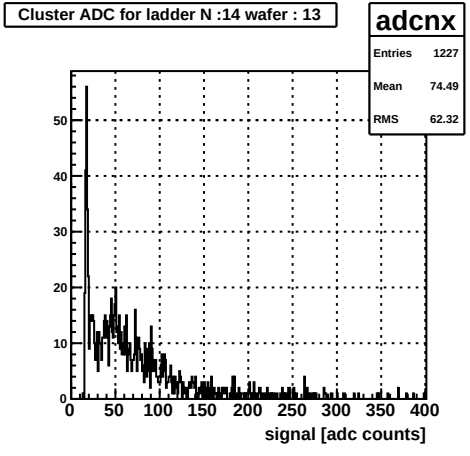

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2244
Mean 59.59
RMS 56.56
signal [adc counts]

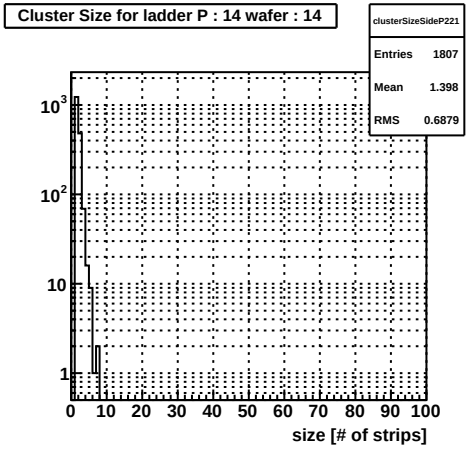

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9775
Mean 1.192
RMS 0.5077
size [# of strips]

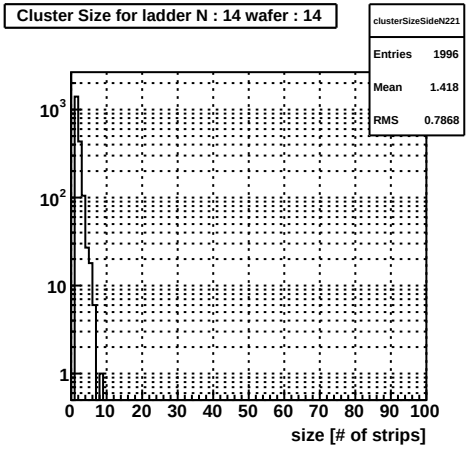

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1227
Mean 1.524
RMS 0.8034
size [# of strips]

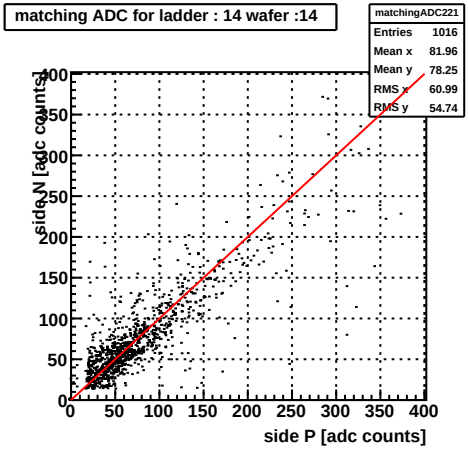

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 968
Mean x 80.24
Mean y 80.79
RMS x 61.06
RMS y 61
side N [adc counts]
side P [adc counts]

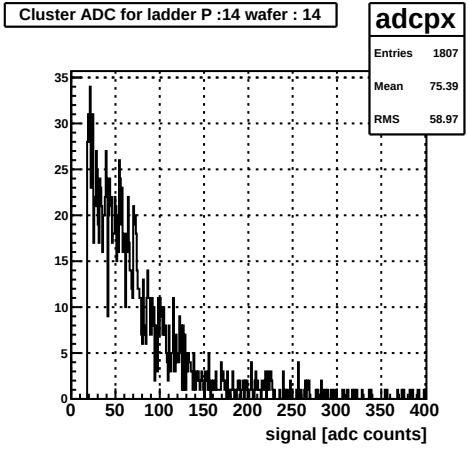

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9775
Mean 34.07
RMS 32.89
signal [adc counts]

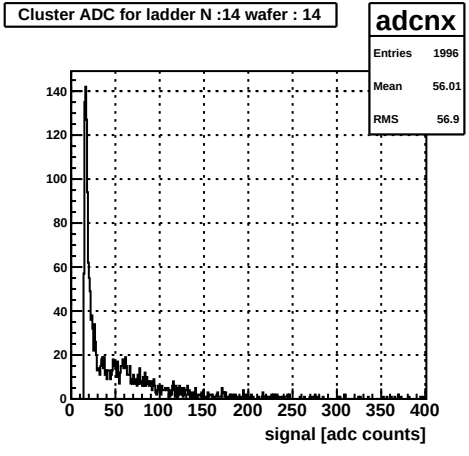

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1227
Mean 74.49
RMS 62.32
signal [adc counts]

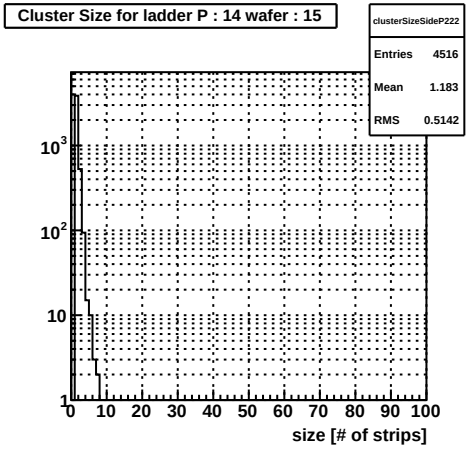

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1807
Mean 1.398
RMS 0.6879
size [# of strips]

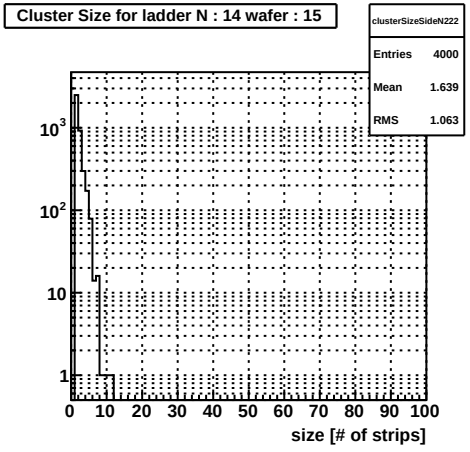

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1996
Mean 1.418
RMS 0.7868
size [# of strips]

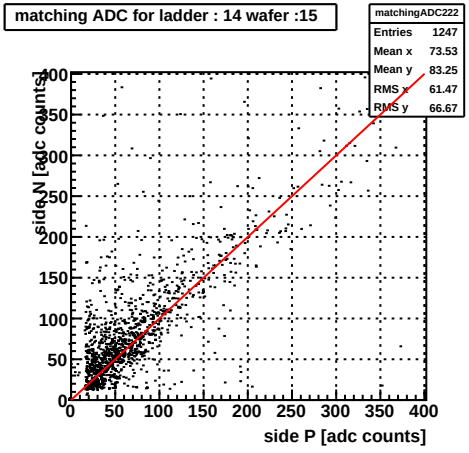

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1016
Mean x 81.96
Mean y 78.25
RMS x 60.99
RMS y 54.74
side N [adc counts]
side P [adc counts]

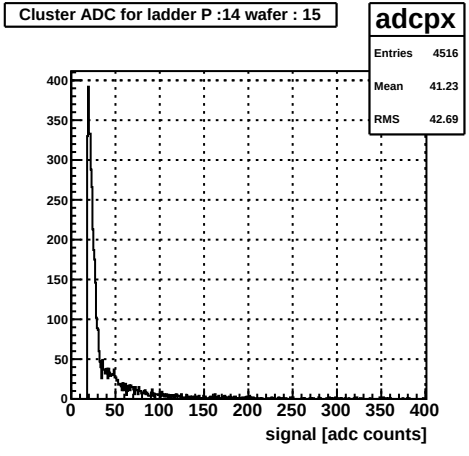

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1807
Mean 75.39
RMS 58.97
signal [adc counts]

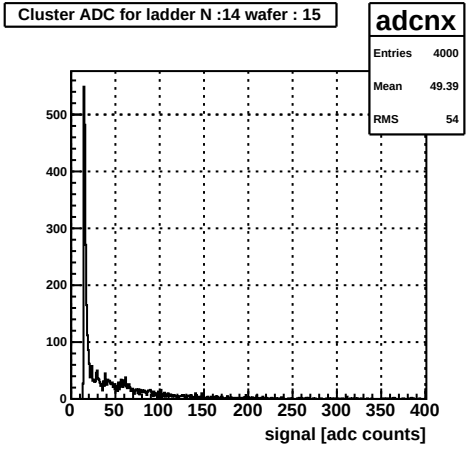

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1996
Mean 56.01
RMS 56.9
signal [adc counts]

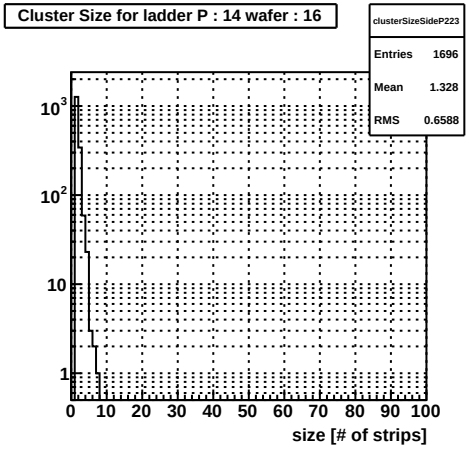

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4516
Mean 1.183
RMS 0.5142
size [# of strips]

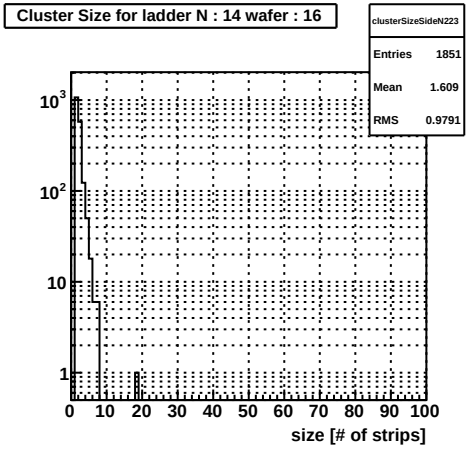

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4000
Mean 1.639
RMS 1.063
size [# of strips]

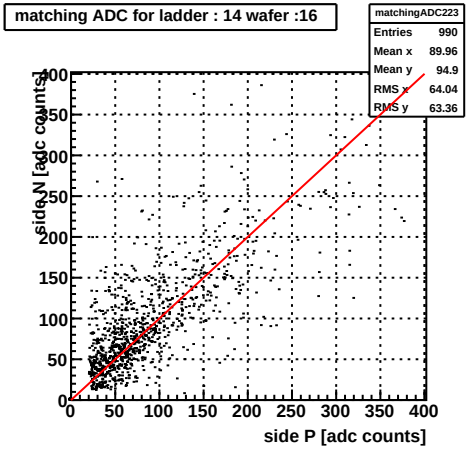

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1247
Mean x 73.53
Mean y 83.25
RMS x 61.47
RMS y 66.67
side N [adc counts]
side P [adc counts]

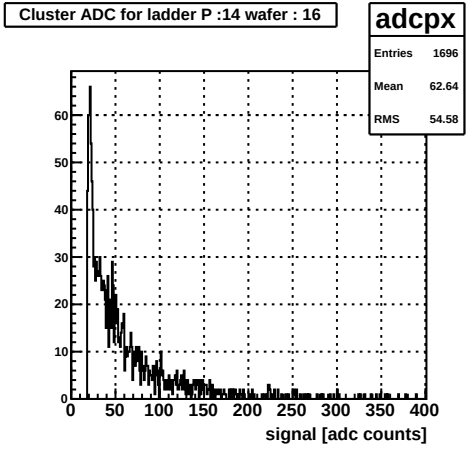

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4516
Mean 41.23
RMS 42.69
signal [adc counts]

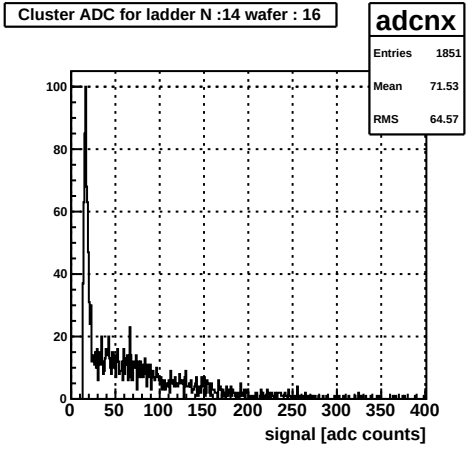

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4000
Mean 49.39
RMS 54
signal [adc counts]

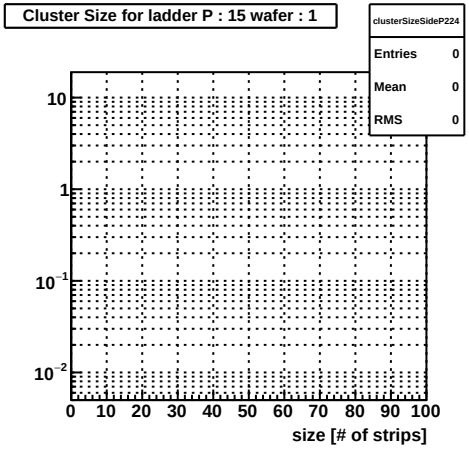

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1696
Mean 1.328
RMS 0.6588
size [# of strips]

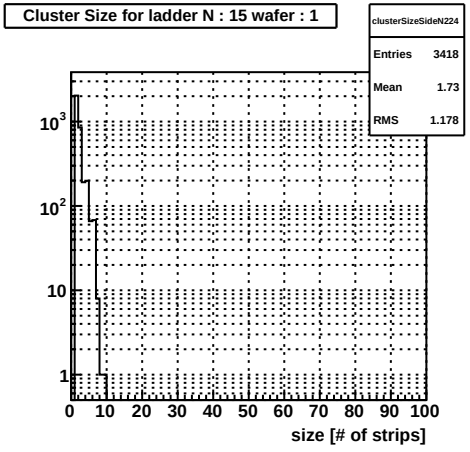

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1851
Mean 1.609
RMS 0.9791
size [# of strips]

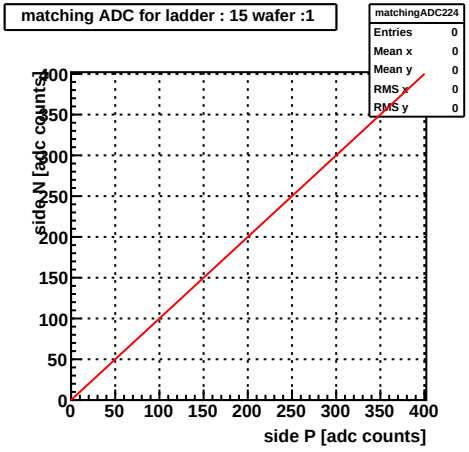

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 990
Mean x 89.96
Mean y 94.9
RMS x 64.04
RMS y 63.36
side N [adc counts]
side P [adc counts]

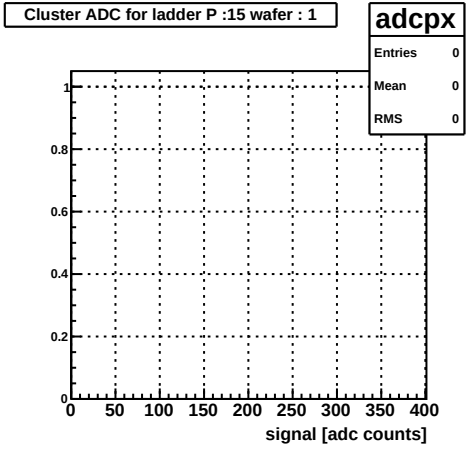

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1696
Mean 62.64
RMS 54.58
signal [adc counts]

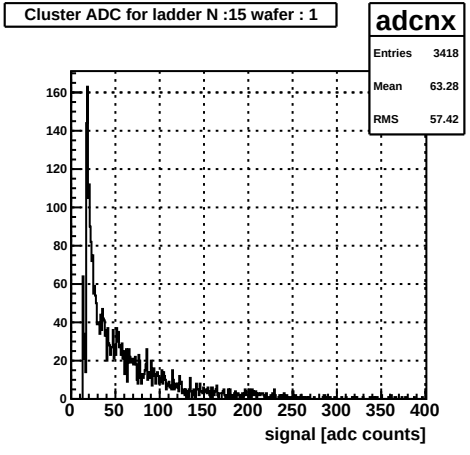

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1851
Mean 71.53
RMS 64.57
signal [adc counts]

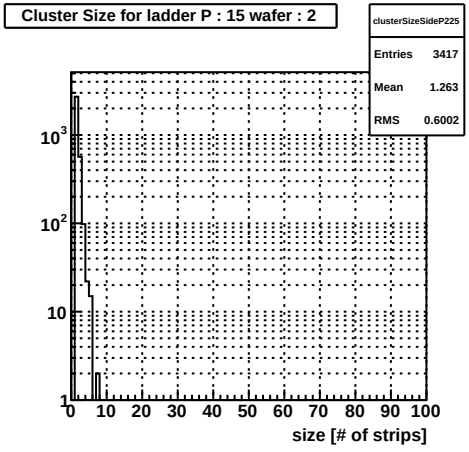

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

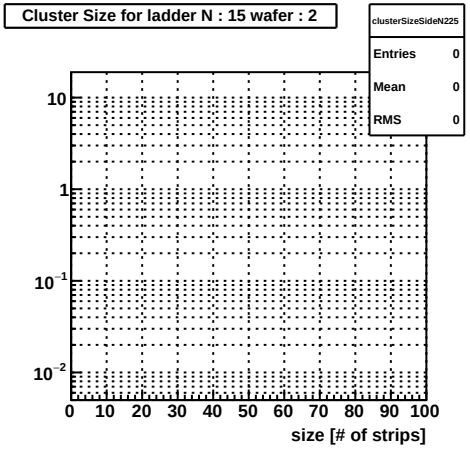

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3418
Mean 1.73
RMS 1.178
size [# of strips]

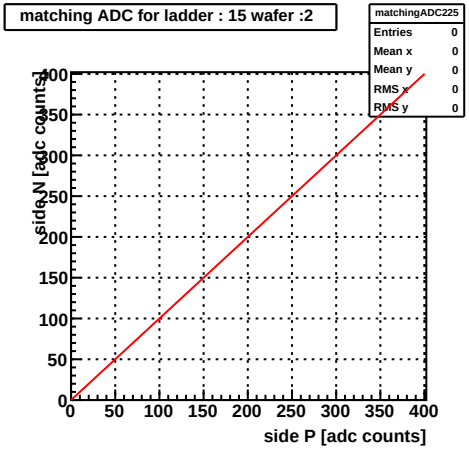

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

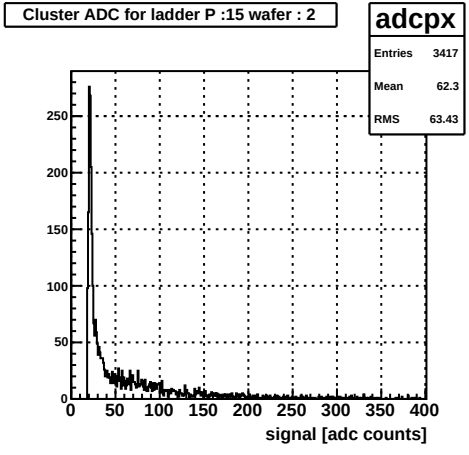

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

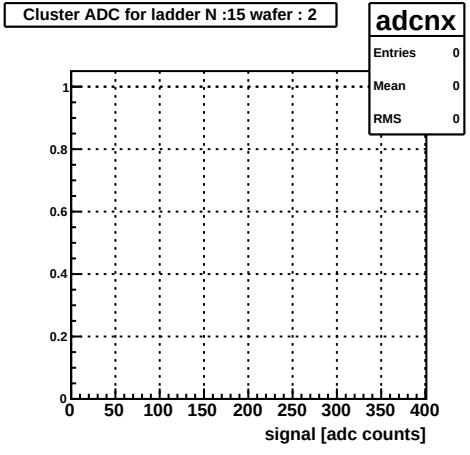

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3418
Mean 63.28
RMS 57.42
signal [adc counts]

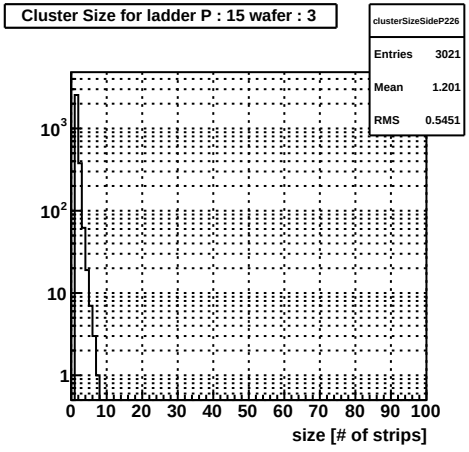

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3417
Mean 1.263
RMS 0.6002
size [# of strips]

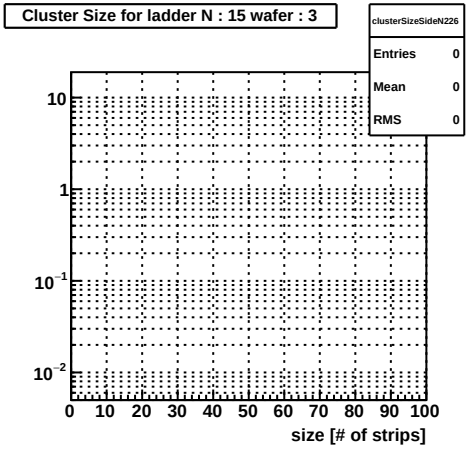

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

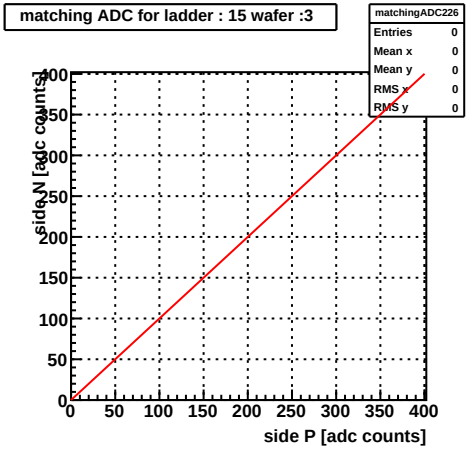

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

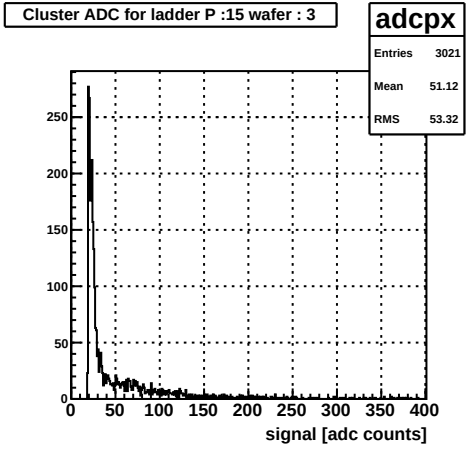

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3417
Mean 62.3
RMS 63.43
signal [adc counts]

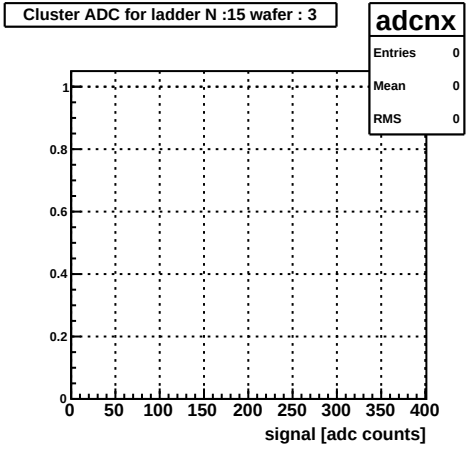

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

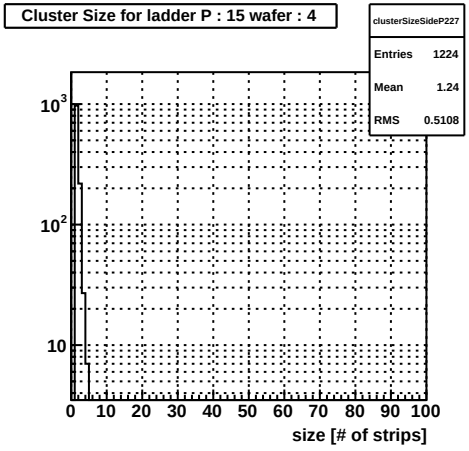

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3021
Mean 1.201
RMS 0.5451
size [# of strips]

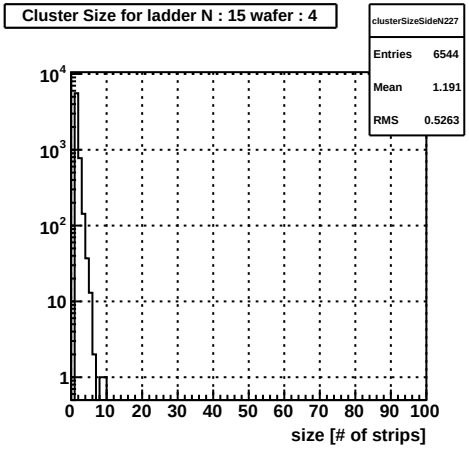

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

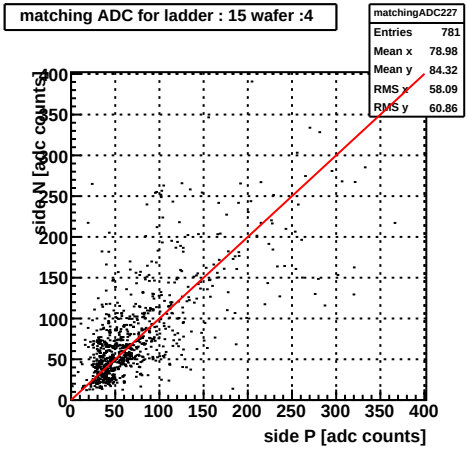

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

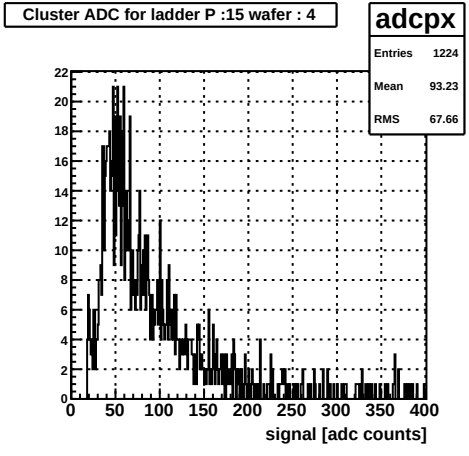

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3021
Mean 51.12
RMS 53.32
signal [adc counts]

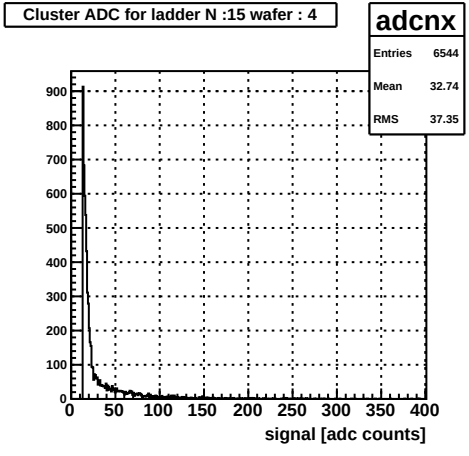

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

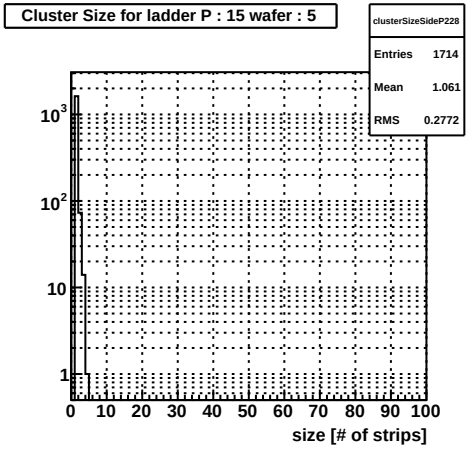

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1224
Mean 1.24
RMS 0.5108
size [# of strips]

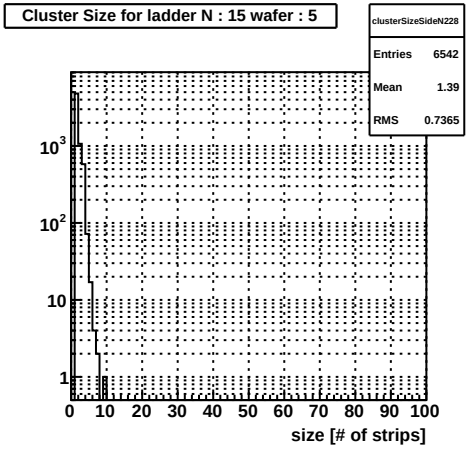

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6544
Mean 1.191
RMS 0.5263
size [# of strips]

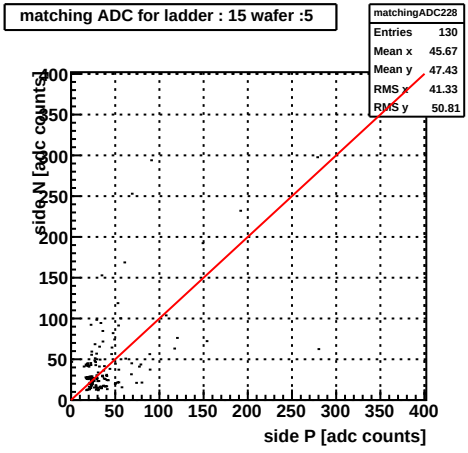

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 781
Mean x 78.98
Mean y 84.32
RMS x 58.09
RMS y 60.86
side N [adc counts]
side P [adc counts]

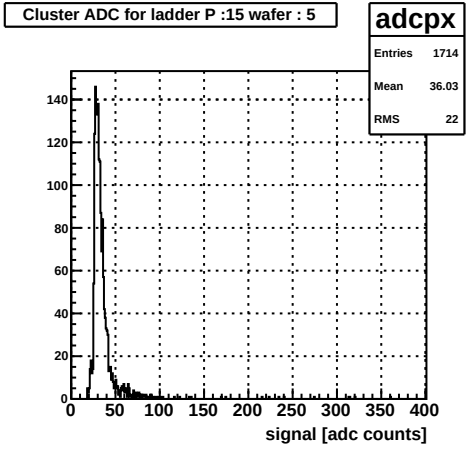

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1224
Mean 93.23
RMS 67.66
signal [adc counts]

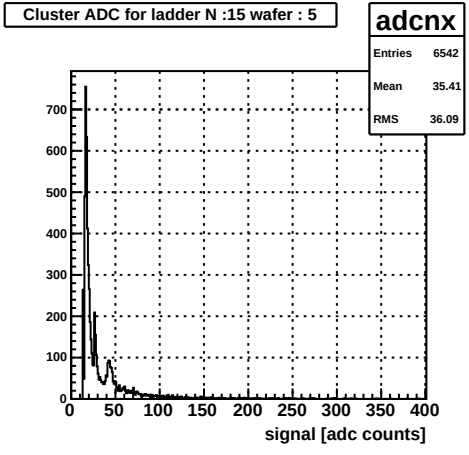

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6544
Mean 32.74
RMS 37.35
signal [adc counts]

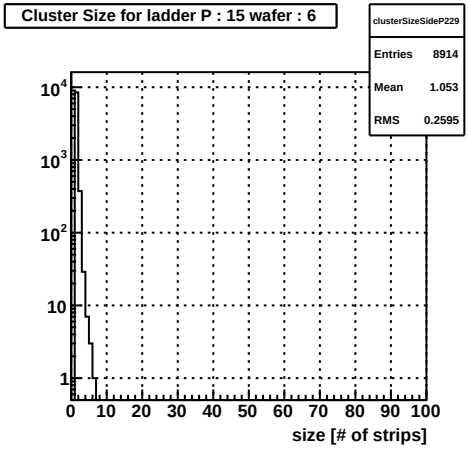

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1714
Mean 1.061
RMS 0.2772
size [# of strips]

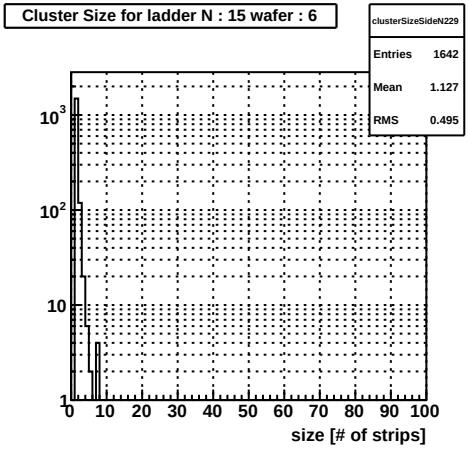

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6542
Mean 1.39
RMS 0.7365
size [# of strips]

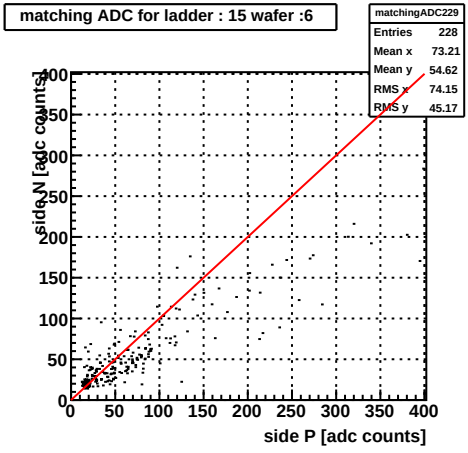

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 130
Mean x 45.67
Mean y 47.43
RMS x 41.33
RMS y 50.81
side N [adc counts]
side P [adc counts]

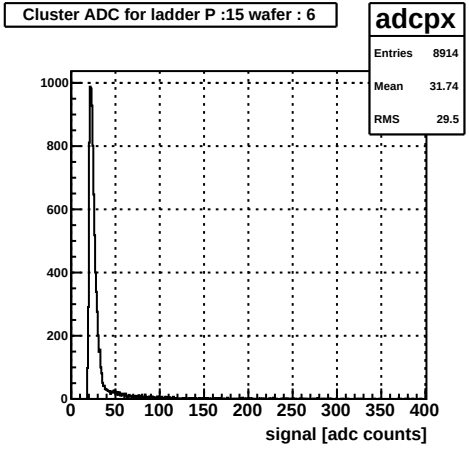

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1714
Mean 36.03
RMS 22
signal [adc counts]

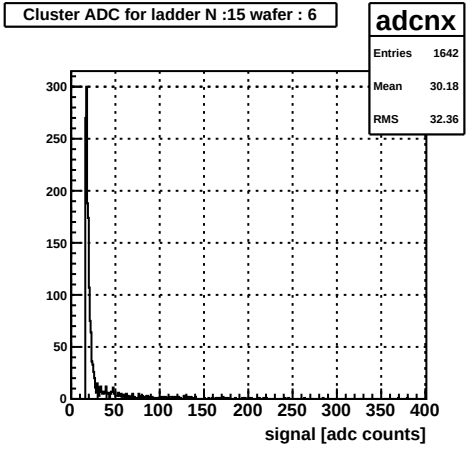

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6542
Mean 35.41
RMS 36.09
signal [adc counts]

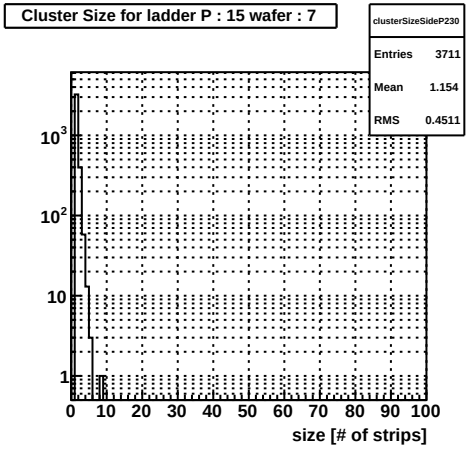

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8914
Mean 1.053
RMS 0.2595
size [# of strips]

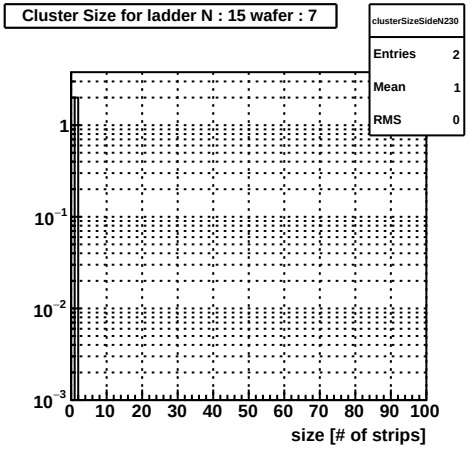

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1642
Mean 1.127
RMS 0.495
size [# of strips]

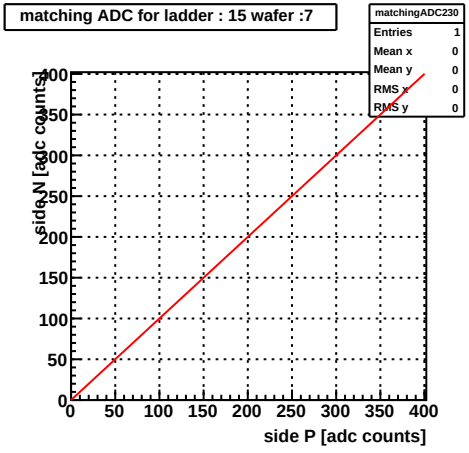

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 228
Mean x 73.21
Mean y 54.62
RMS x 74.15
RMS y 45.17
side N [adc counts]
side P [adc counts]

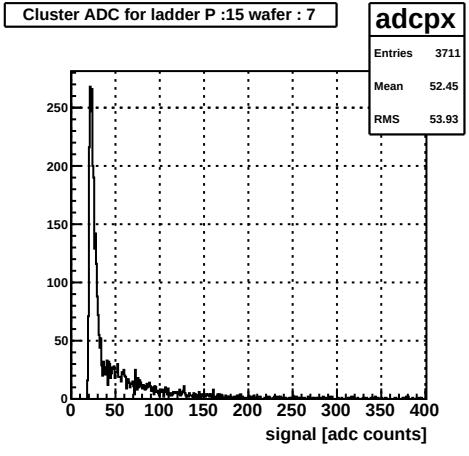

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8914
Mean 31.74
RMS 29.5
signal [adc counts]

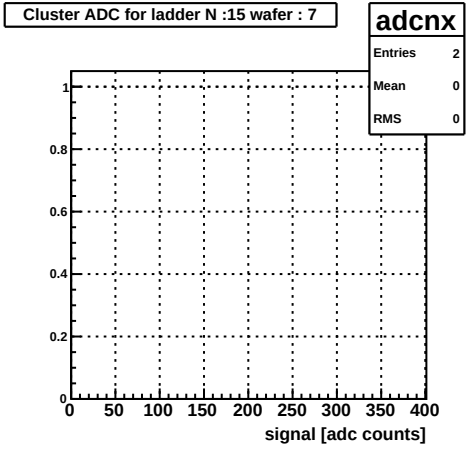

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1642
Mean 30.18
RMS 32.36
signal [adc counts]

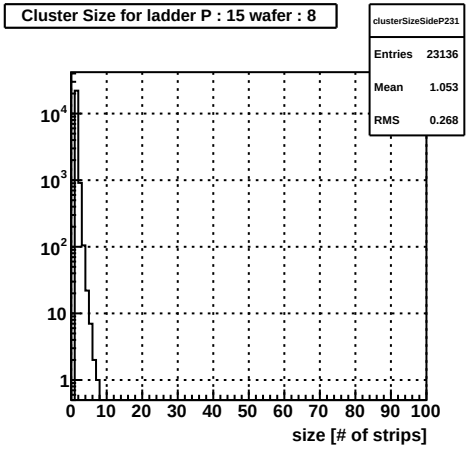

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3711
Mean 1.154
RMS 0.4511
size [# of strips]

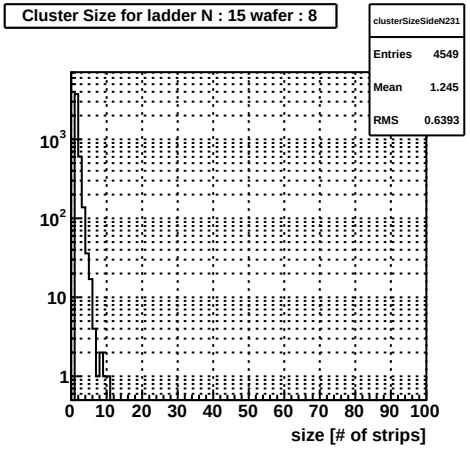

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 2
Mean 1
RMS 0
size [# of strips]

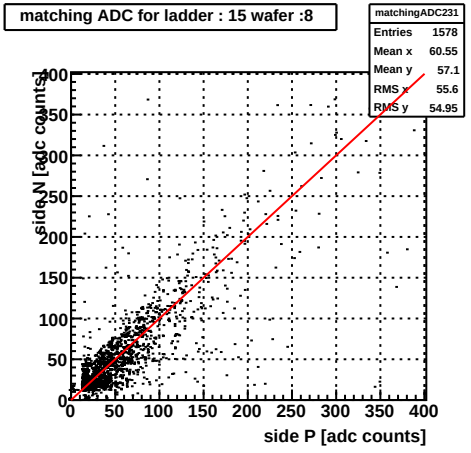

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

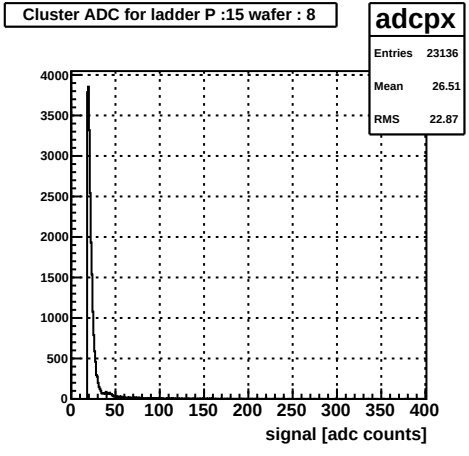

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3711
Mean 52.45
RMS 53.93
signal [adc counts]

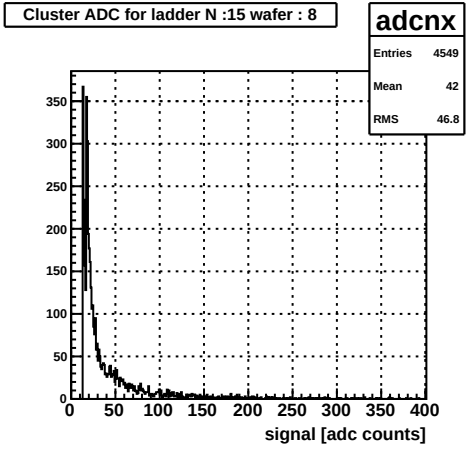

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

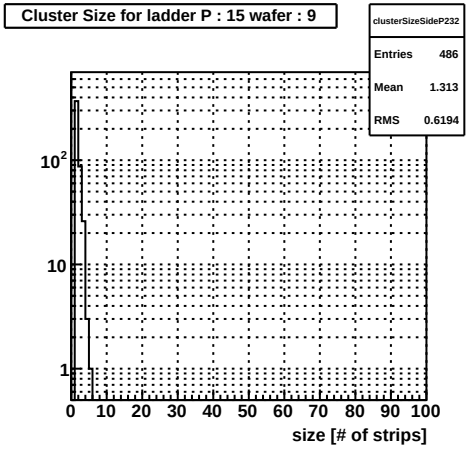

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 23136
Mean 1.053
RMS 0.268
size [# of strips]

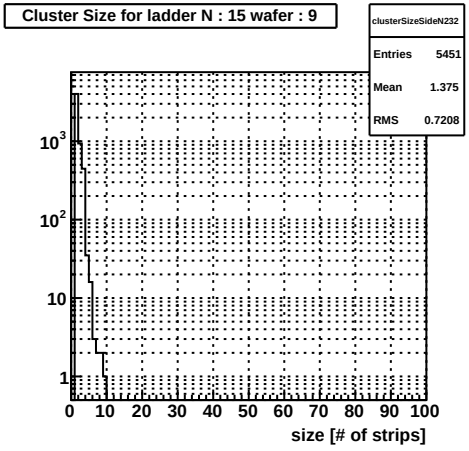

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4549
Mean 1.245
RMS 0.6393
size [# of strips]

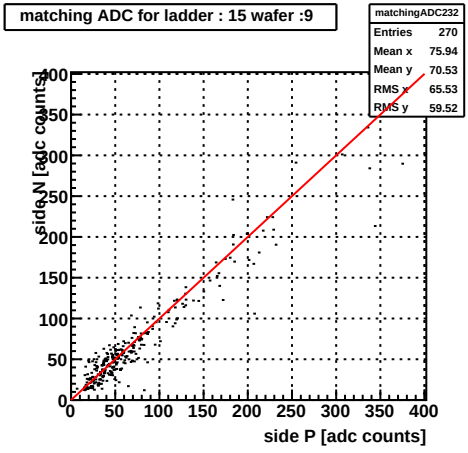

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1578
Mean x 60.55
Mean y 57.1
RMS x 55.6
RMS y 54.95
side N [adc counts]
side P [adc counts]

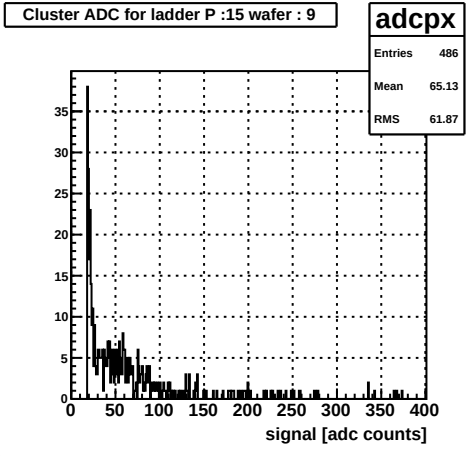

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 23136
Mean 26.51
RMS 22.87
signal [adc counts]

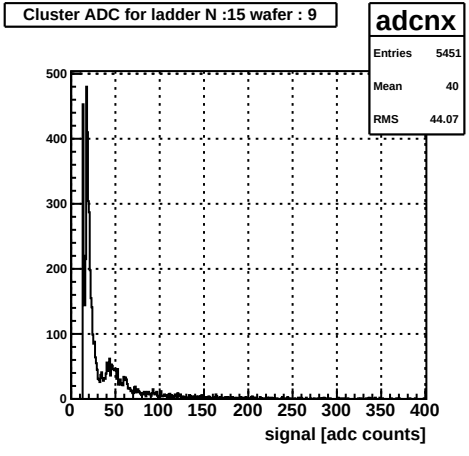

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4549
Mean 42
RMS 46.8
signal [adc counts]

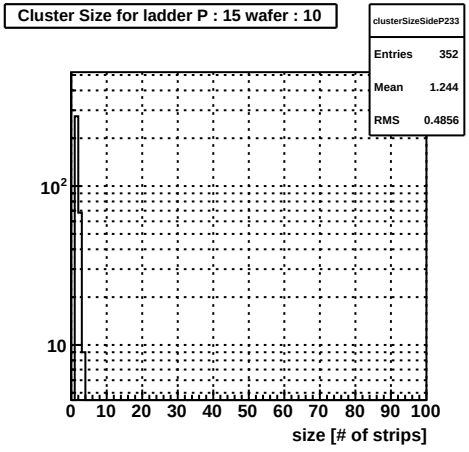

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 486
Mean 1.313
RMS 0.6194
size [# of strips]

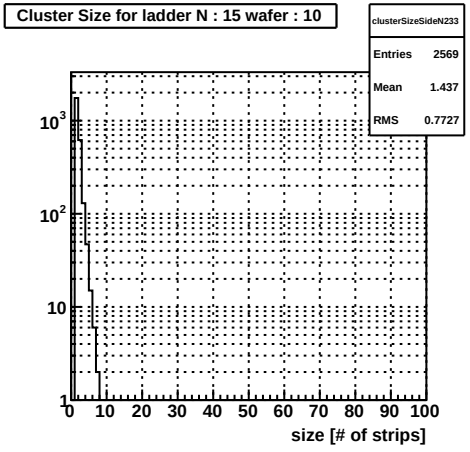

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5451
Mean 1.375
RMS 0.7208
size [# of strips]

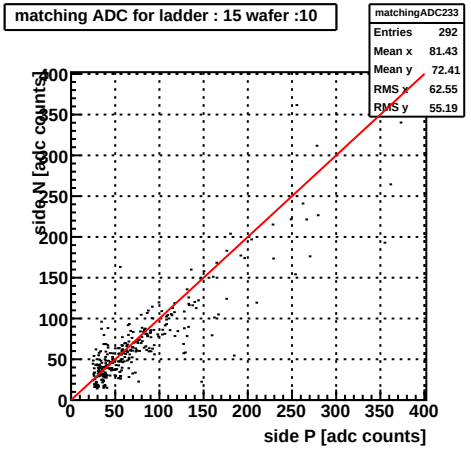

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 270
Mean x 75.94
Mean y 70.53
RMS x 65.53
RMS y 59.52
side N [adc counts]
side P [adc counts]

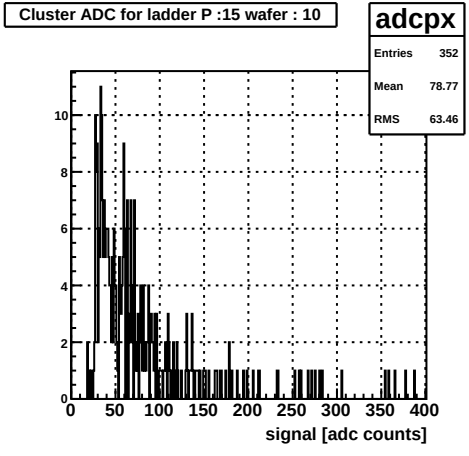

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 486
Mean 65.13
RMS 61.87
signal [adc counts]

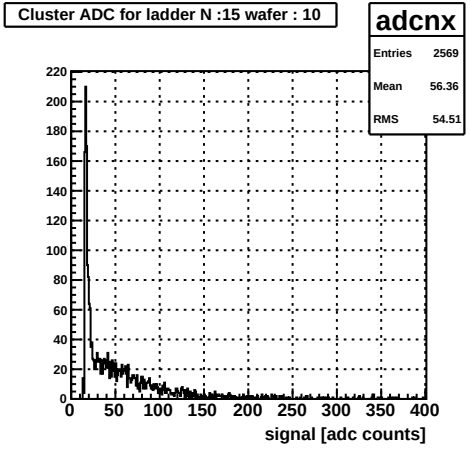

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5451
Mean 40
RMS 44.07
signal [adc counts]

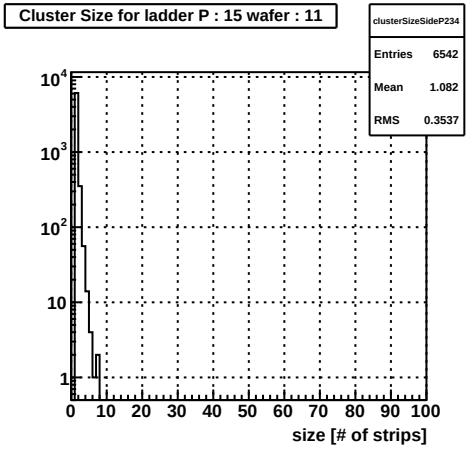

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 352
Mean 1.244
RMS 0.4856
size [# of strips]

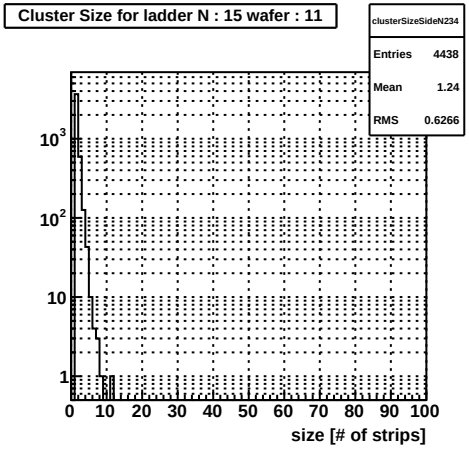

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2569
Mean 1.437
RMS 0.7727
size [# of strips]

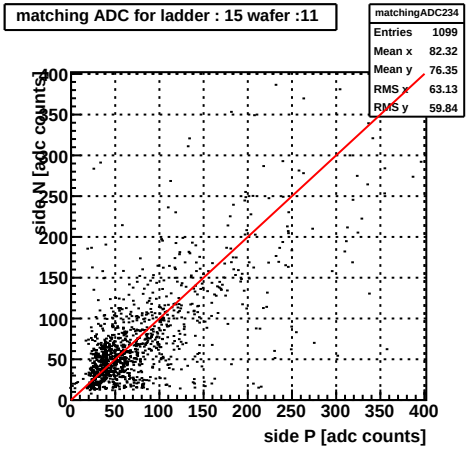

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 292
Mean x 81.43
Mean y 72.41
RMS x 62.55
RMS y 55.19
side N [adc counts]
side P [adc counts]

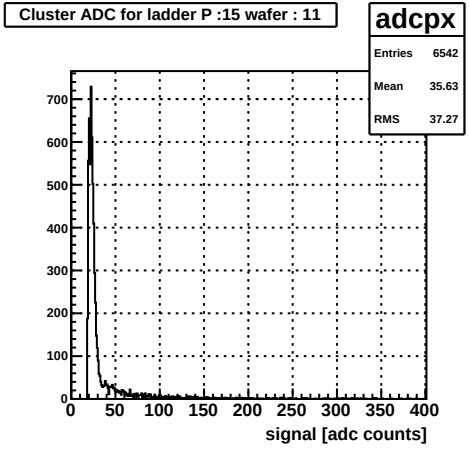

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 352
Mean 78.77
RMS 63.46
signal [adc counts]

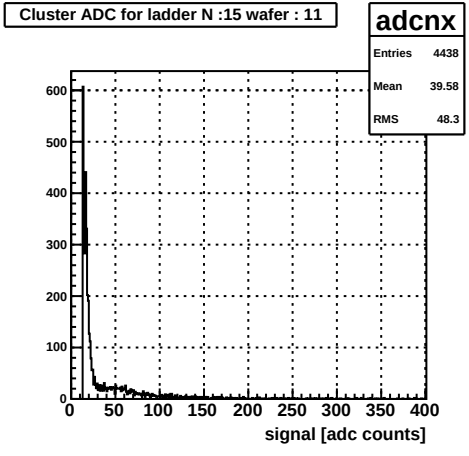

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2569
Mean 56.36
RMS 54.51
signal [adc counts]

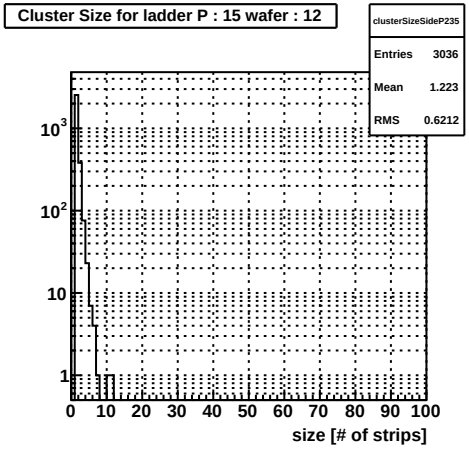

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6542
Mean 1.082
RMS 0.3537
size [# of strips]

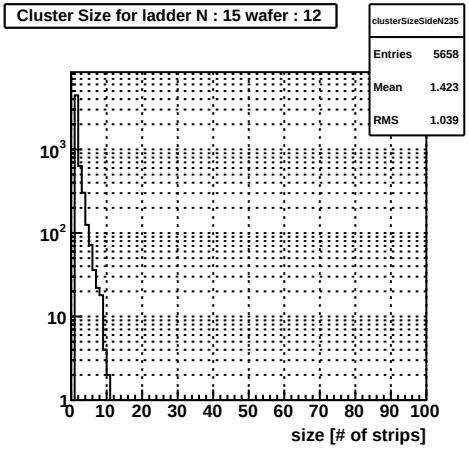

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4438
Mean 1.24
RMS 0.6266
size [# of strips]

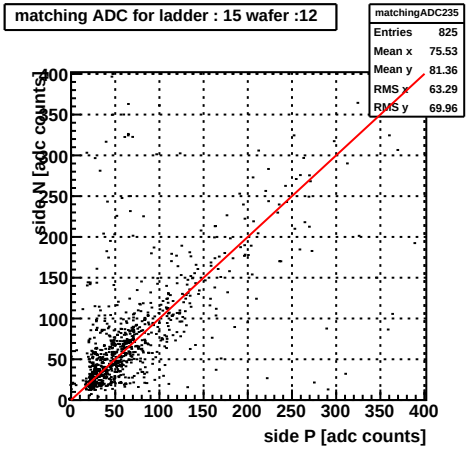

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1099
Mean x 82.32
Mean y 76.35
RMS x 63.13
RMS y 59.84
side N [adc counts]
side P [adc counts]

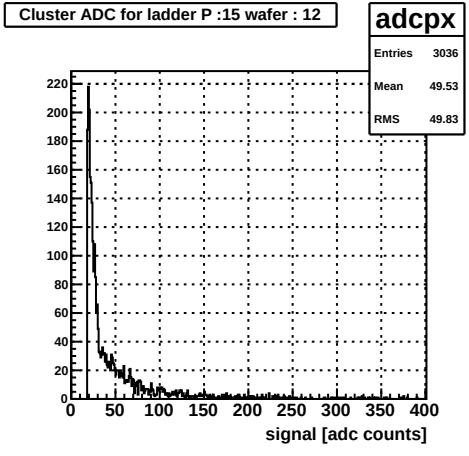

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6542
Mean 35.63
RMS 37.27
signal [adc counts]

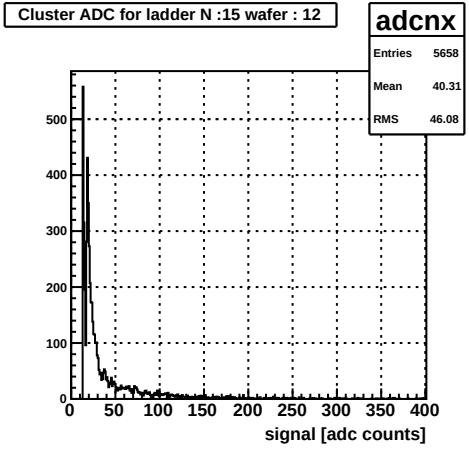

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4438
Mean 39.58
RMS 48.3
signal [adc counts]

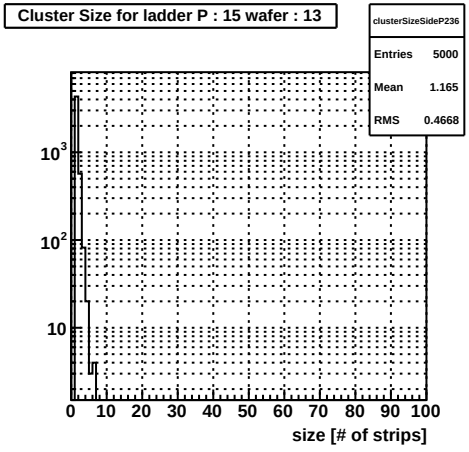

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3036
Mean 1.223
RMS 0.6212
size [# of strips]

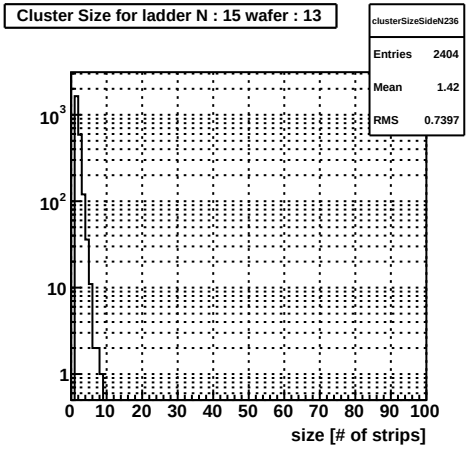

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5658
Mean 1.423
RMS 1.039
size [# of strips]

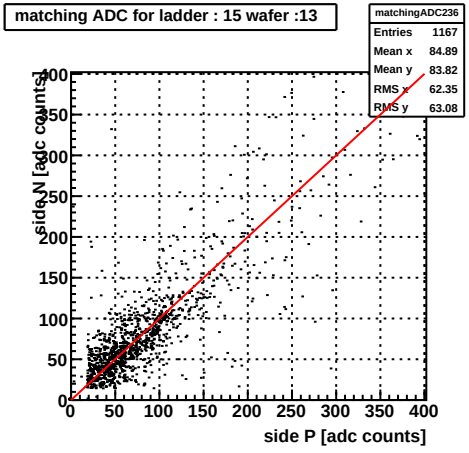

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 825
Mean x 75.53
Mean y 81.36
RMS x 63.29
RMS y 69.96
side N [adc counts]
side P [adc counts]

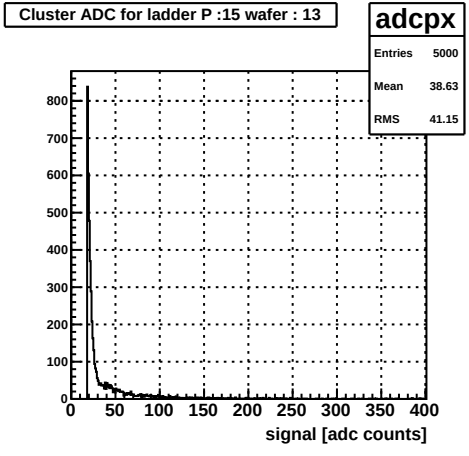

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3036
Mean 49.53
RMS 49.83
signal [adc counts]

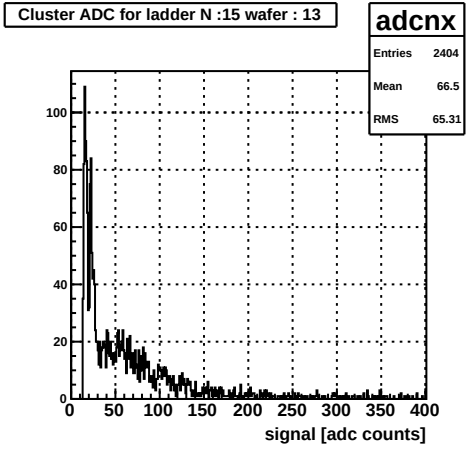

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5658
Mean 40.31
RMS 46.08
signal [adc counts]

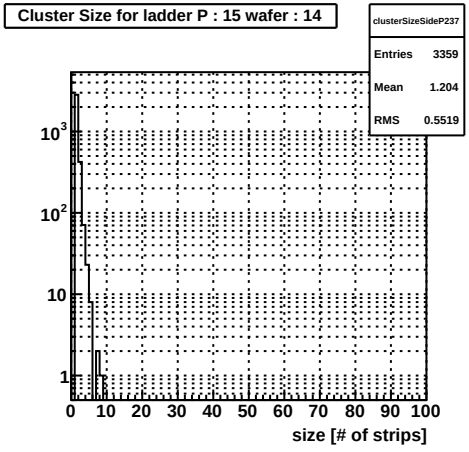

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5000
Mean 1.165
RMS 0.4668
size [# of strips]

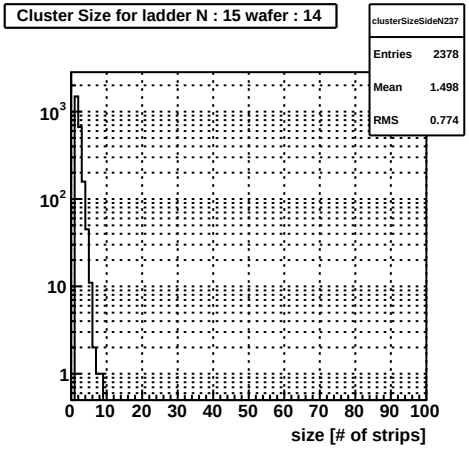

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2404
Mean 1.42
RMS 0.7397
size [# of strips]

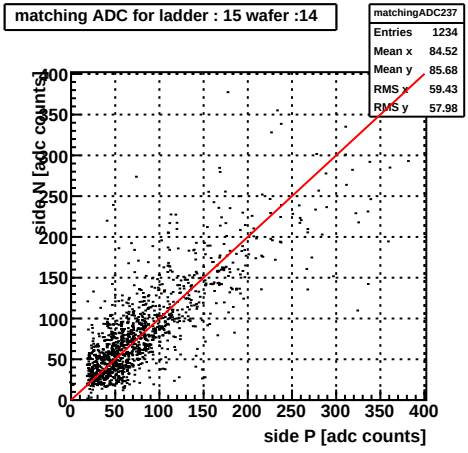

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1167
Mean x 84.89
Mean y 83.82
RMS x 62.35
RMS y 63.08
side N [adc counts]
side P [adc counts]

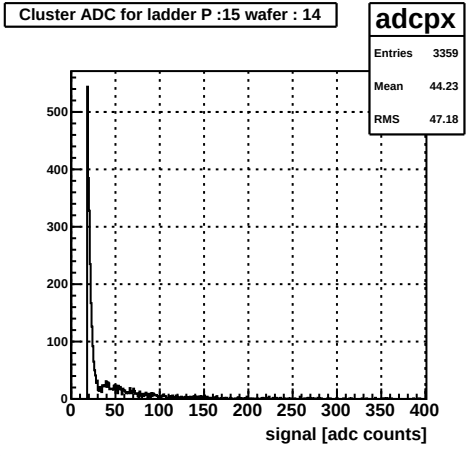

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5000
Mean 38.63
RMS 41.15
signal [adc counts]

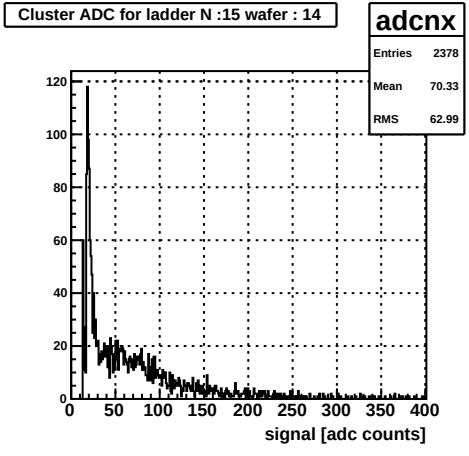

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2404
Mean 66.5
RMS 65.31
signal [adc counts]

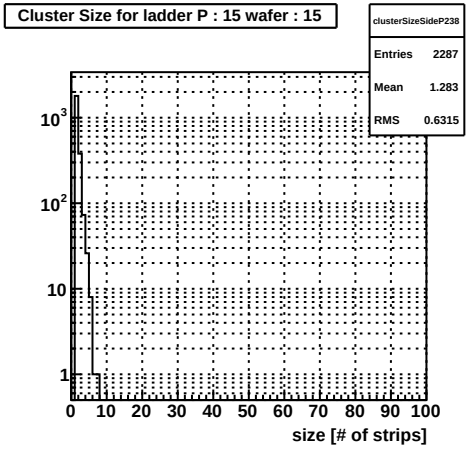

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3359
Mean 1.204
RMS 0.5519
size [# of strips]

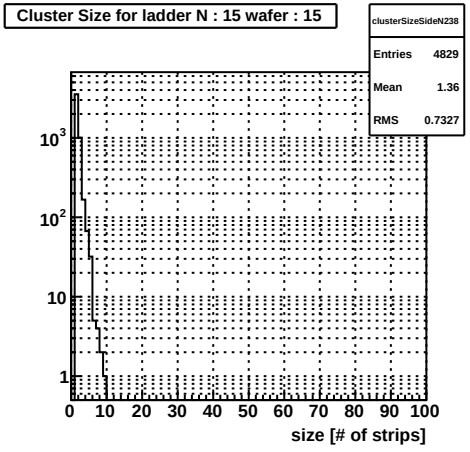

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2378
Mean 1.498
RMS 0.774
size [# of strips]

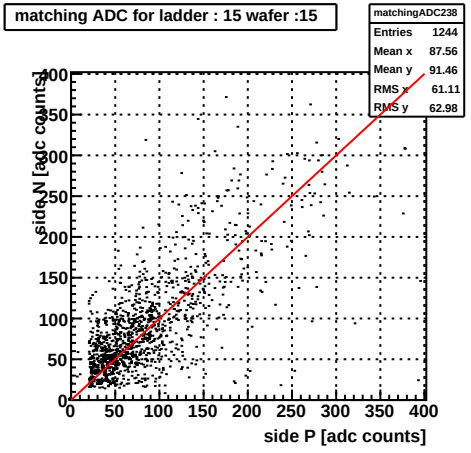

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1234
Mean x 84.52
Mean y 85.68
RMS x 59.43
RMS y 57.98
side N [adc counts]
side P [adc counts]

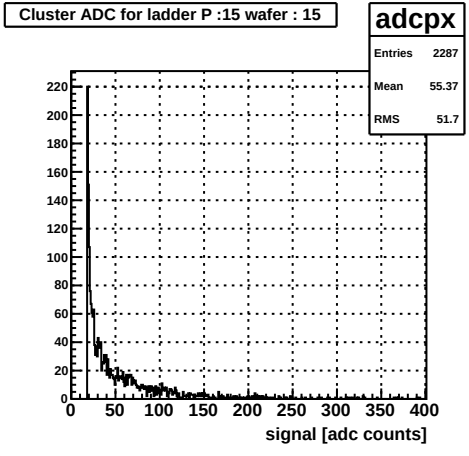

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3359
Mean 44.23
RMS 47.18
signal [adc counts]

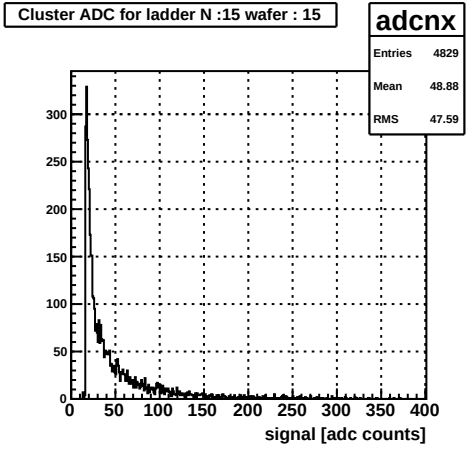

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2378
Mean 70.33
RMS 62.99
signal [adc counts]

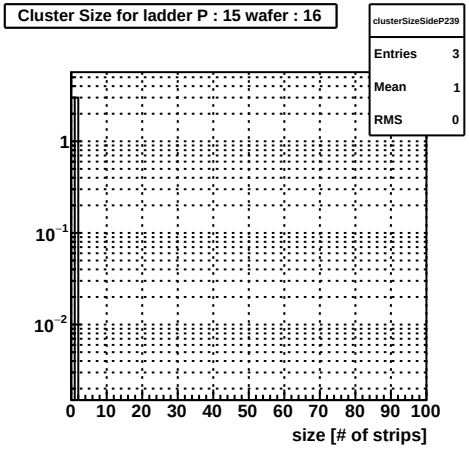

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2287
Mean 1.283
RMS 0.6315
size [# of strips]

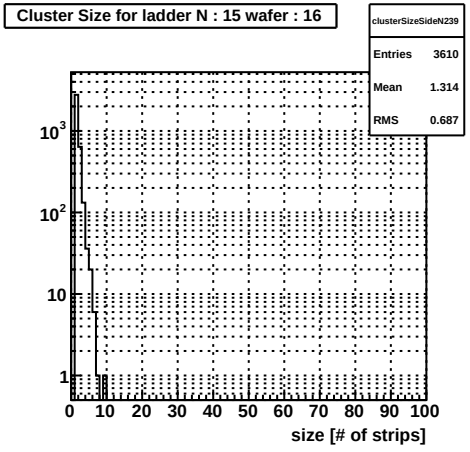

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4829
Mean 1.36
RMS 0.7327
size [# of strips]

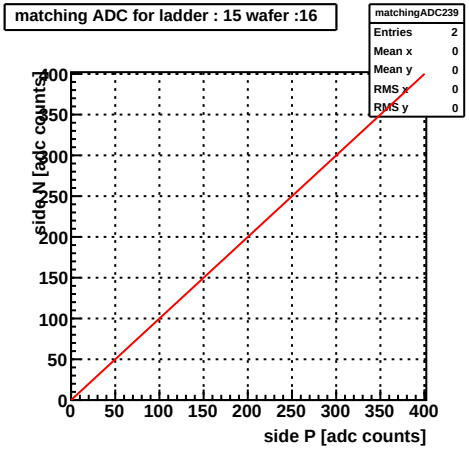

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1244
Mean x 87.56
Mean y 91.46
RMS x 61.11
RMS y 62.98
side N [adc counts]
side P [adc counts]

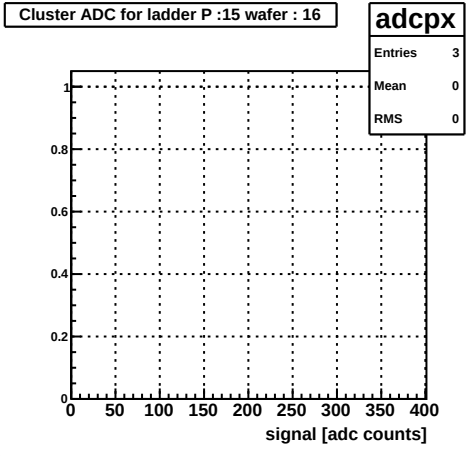

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2287
Mean 55.37
RMS 51.7
signal [adc counts]

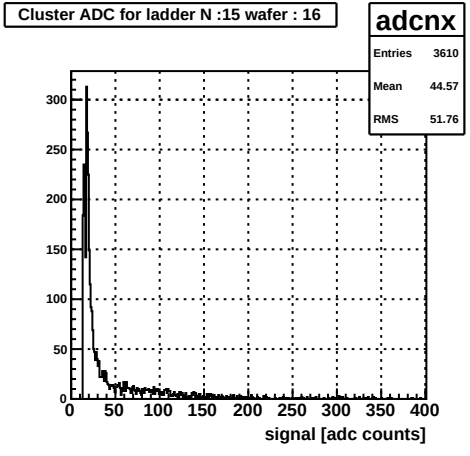

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4829
Mean 48.88
RMS 47.59
signal [adc counts]

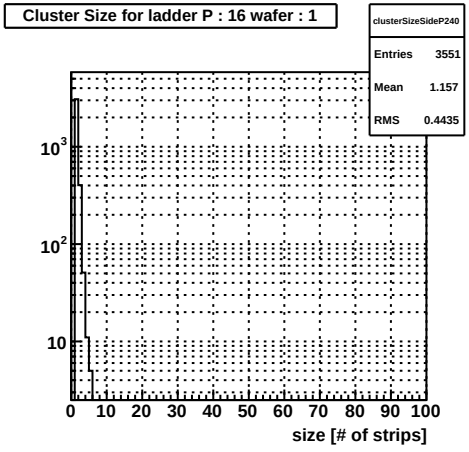

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

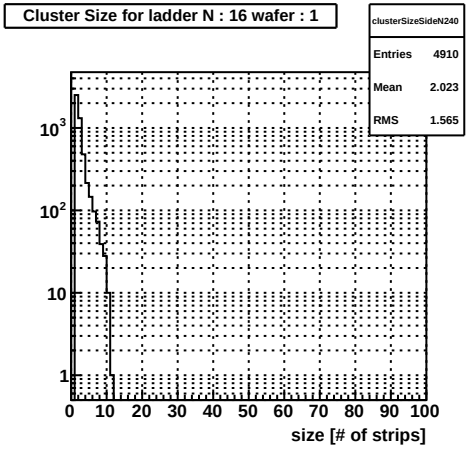

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3610
Mean 1.314
RMS 0.687
size [# of strips]

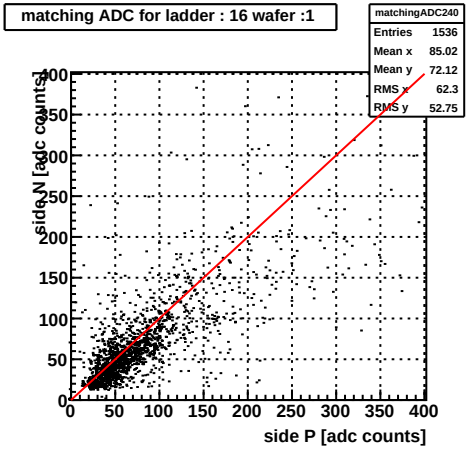

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

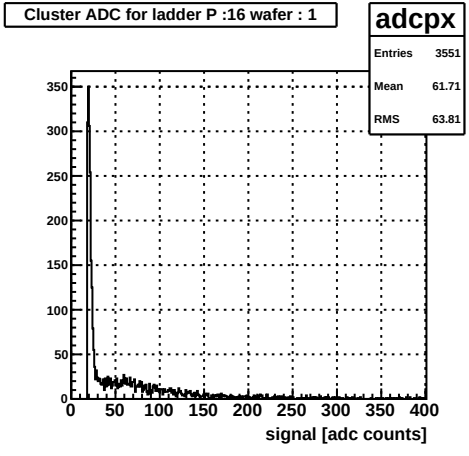

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

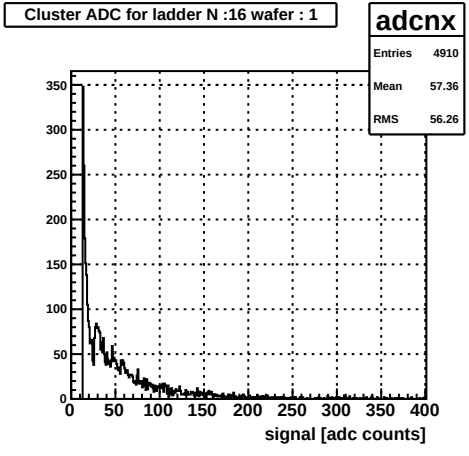

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3610
Mean 44.57
RMS 51.76
signal [adc counts]

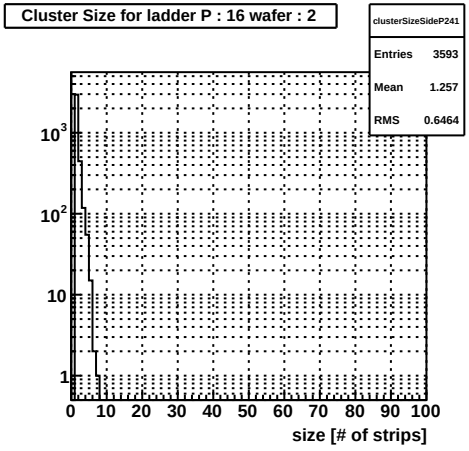

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 3551
Mean 1.157
RMS 0.4435
size [# of strips]

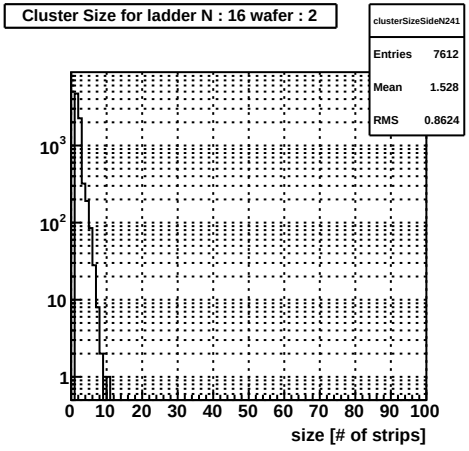

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4910
Mean 2.023
RMS 1.565
size [# of strips]

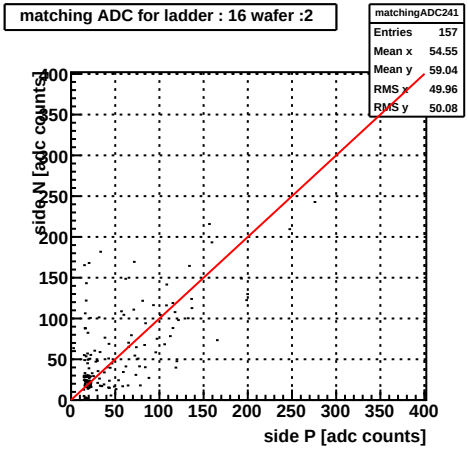

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1536
Mean x 85.02
Mean y 72.12
RMS x 62.3
RMS y 52.75
side N [adc counts]
side P [adc counts]

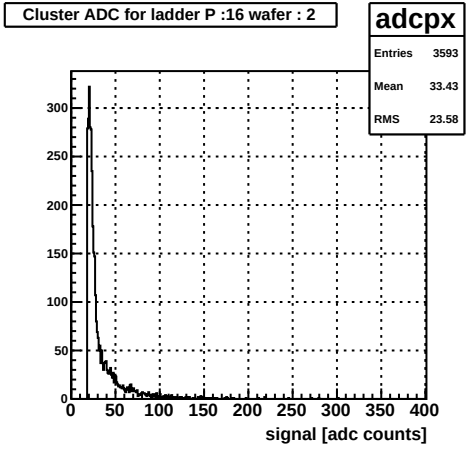

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 3551
Mean 61.71
RMS 63.81
signal [adc counts]

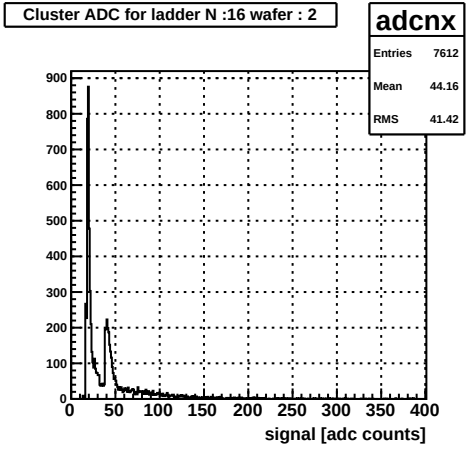

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4910
Mean 57.36
RMS 56.26
signal [adc counts]

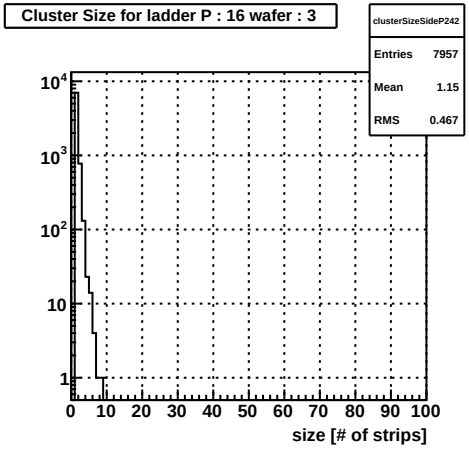

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3593
Mean 1.257
RMS 0.6464
size [# of strips]

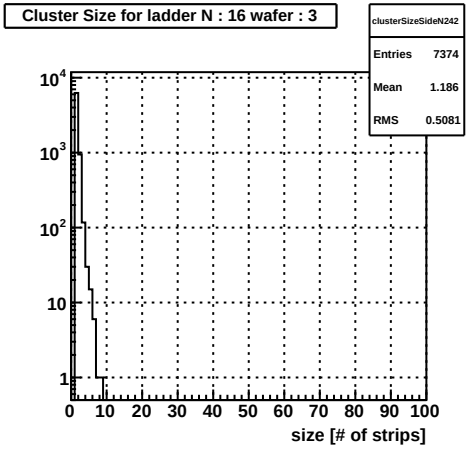

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 7612
Mean 1.528
RMS 0.8624
size [# of strips]

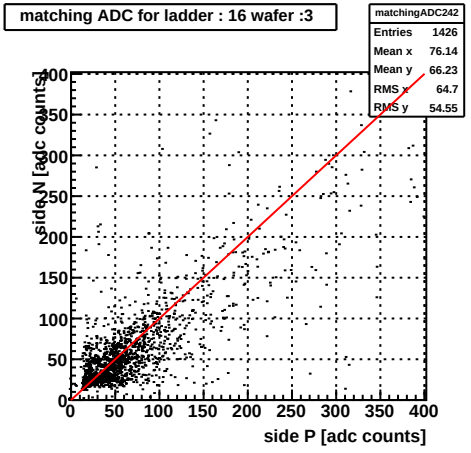

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 157
Mean x 54.55
Mean y 59.04
RMS x 49.96
RMS y 50.08
side N [adc counts]
side P [adc counts]

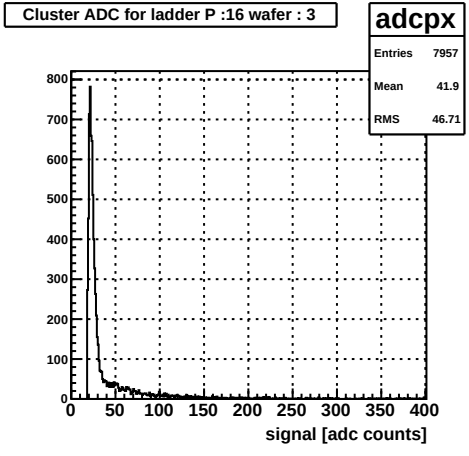

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3593
Mean 33.43
RMS 23.58
signal [adc counts]

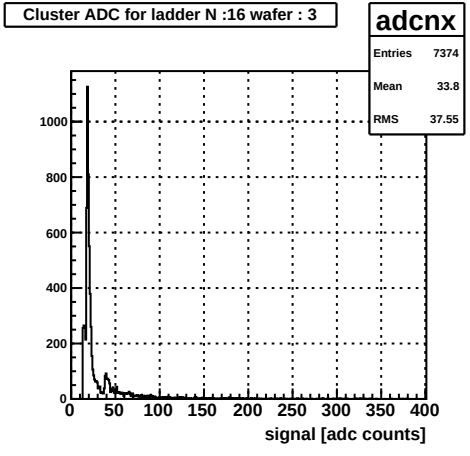

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 7612
Mean 44.16
RMS 41.42
signal [adc counts]

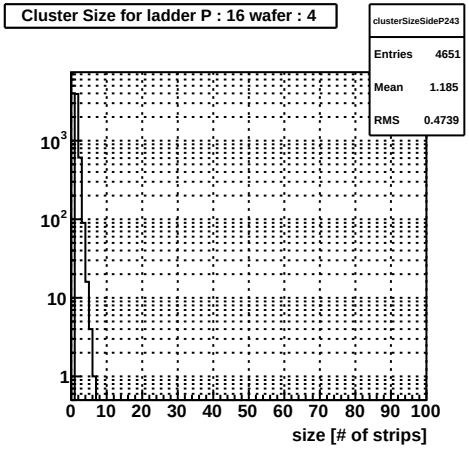

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7957
Mean 1.15
RMS 0.467
size [# of strips]

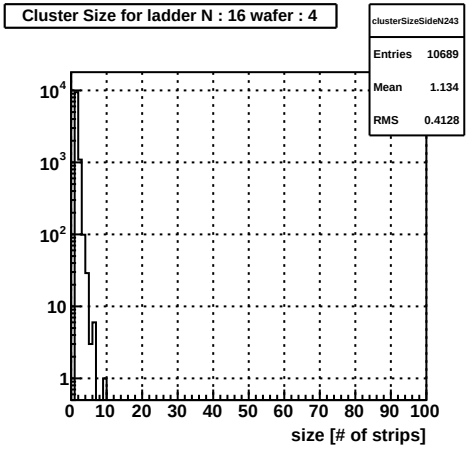

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 7374
Mean 1.186
RMS 0.5081
size [# of strips]

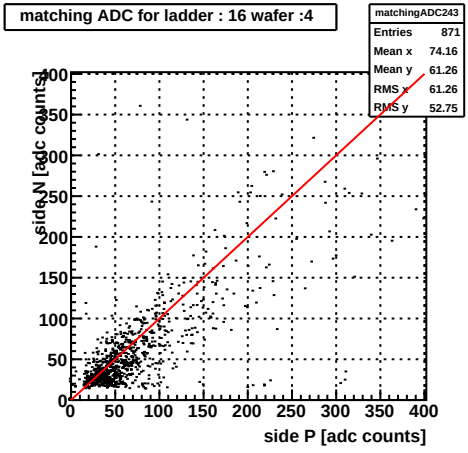

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1426
Mean x 76.14
Mean y 66.23
RMS x 64.7
RMS y 54.55
side N [adc counts]
side P [adc counts]

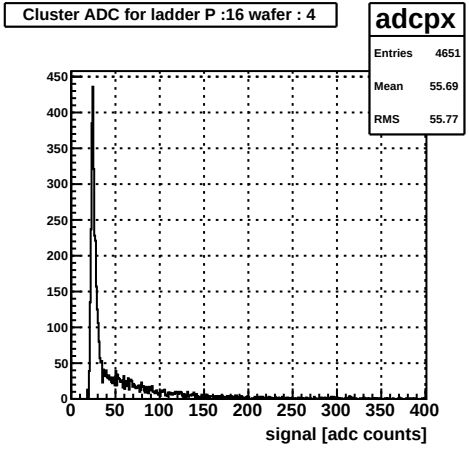

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7957
Mean 41.9
RMS 46.71
signal [adc counts]

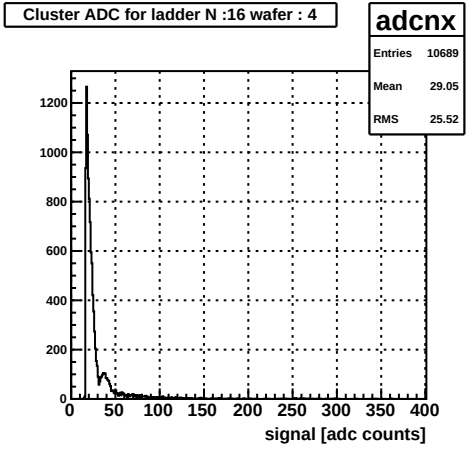

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 7374
Mean 33.8
RMS 37.55
signal [adc counts]

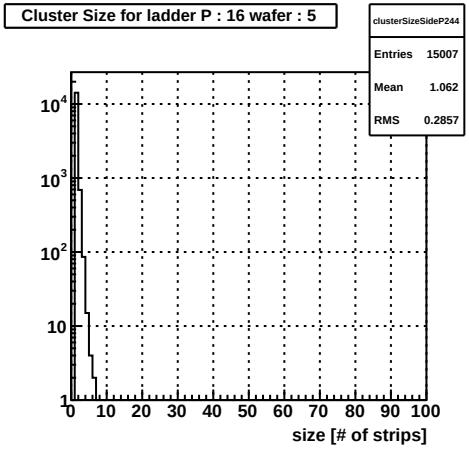

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4651
Mean 1.185
RMS 0.4739
size [# of strips]

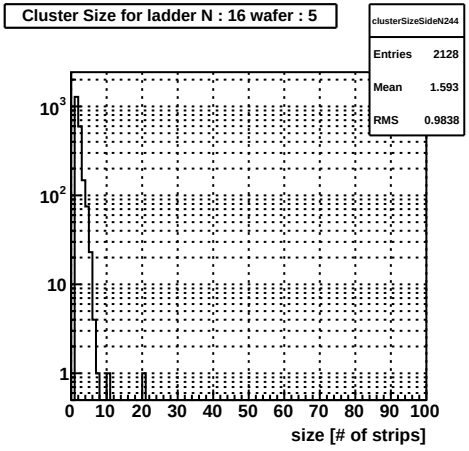

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 10689
Mean 1.134
RMS 0.4128
size [# of strips]

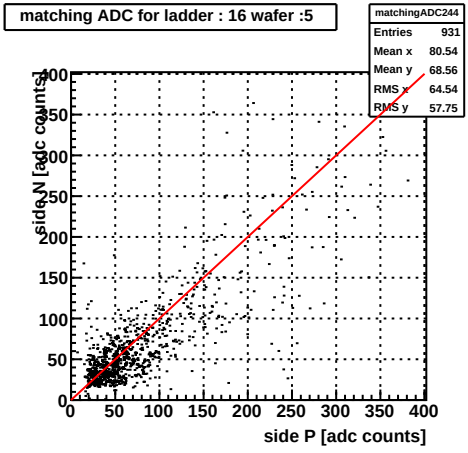

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 871
Mean x 74.16
Mean y 61.26
RMS x 61.26
RMS y 52.75
side N [adc counts]
side P [adc counts]

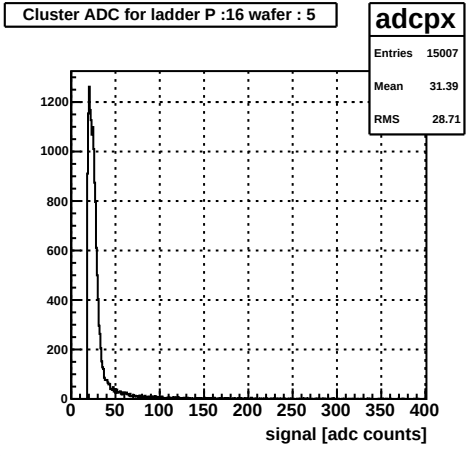

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4651
Mean 55.69
RMS 55.77
signal [adc counts]

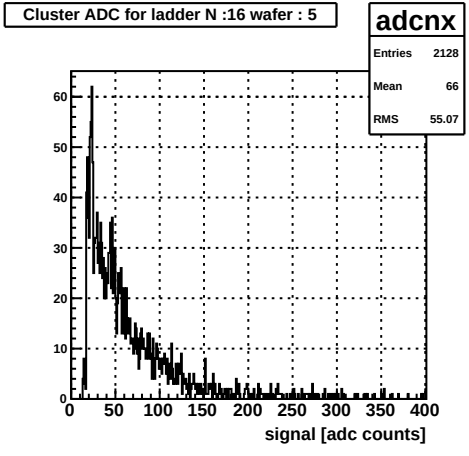

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 10689
Mean 29.05
RMS 25.52
signal [adc counts]

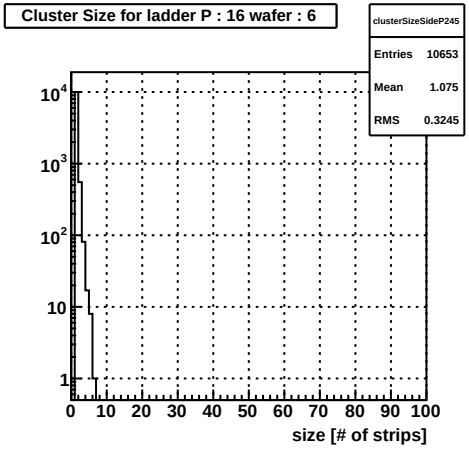

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 15007
Mean 1.062
RMS 0.2857
size [# of strips]

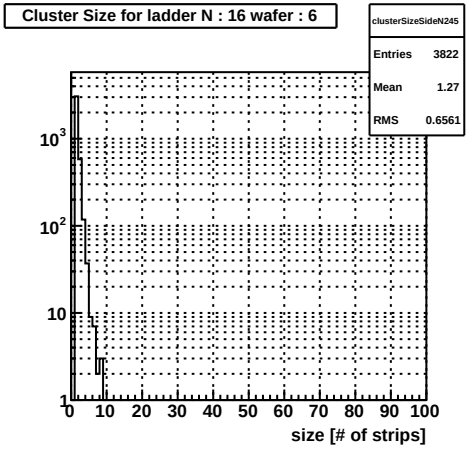

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2128
Mean 1.593
RMS 0.9838
size [# of strips]

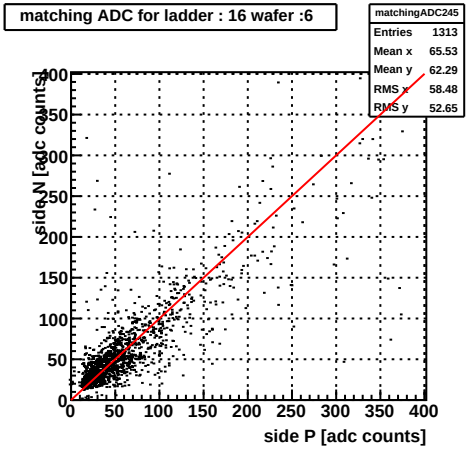

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 931
Mean x 80.54
Mean y 68.56
RMS x 64.54
RMS y 57.75
side N [adc counts]
side P [adc counts]

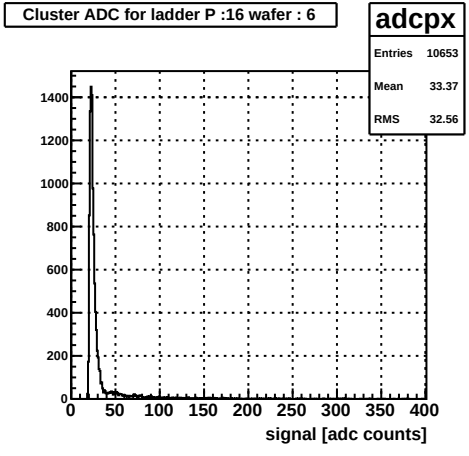

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 15007
Mean 31.39
RMS 28.71
signal [adc counts]

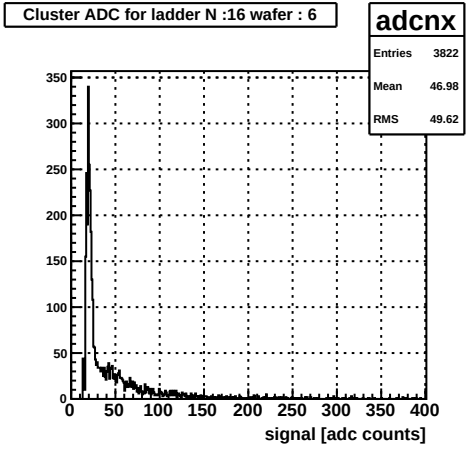

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2128
Mean 66
RMS 55.07
signal [adc counts]

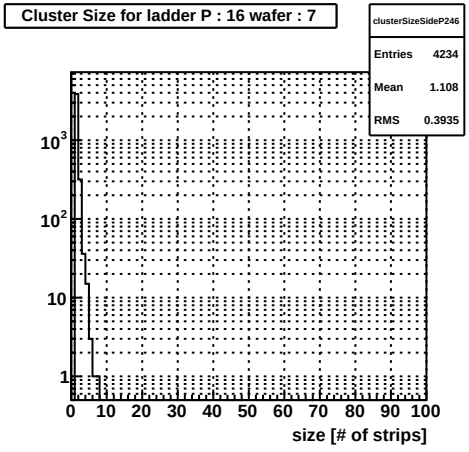

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10653
Mean 1.075
RMS 0.3245
size [# of strips]

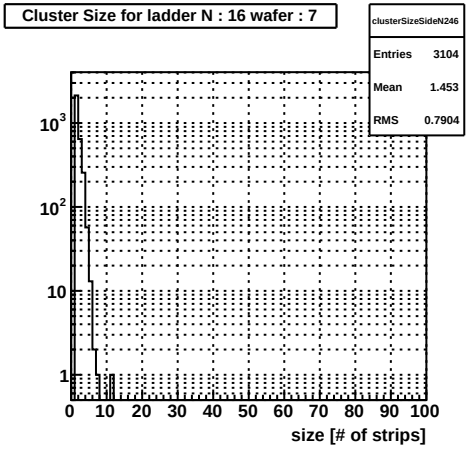

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3822
Mean 1.27
RMS 0.6561
size [# of strips]

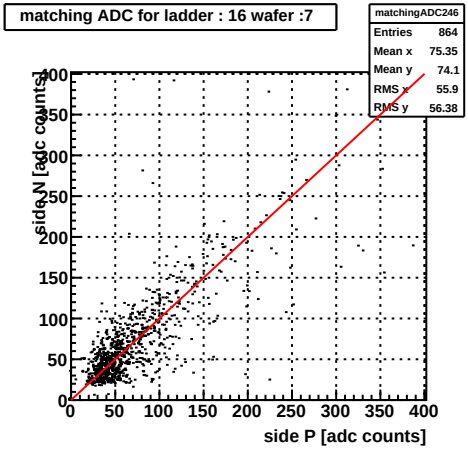

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1313
Mean x 65.53
Mean y 62.29
RMS x 58.48
RMS y 52.65
side N [adc counts]
side P [adc counts]

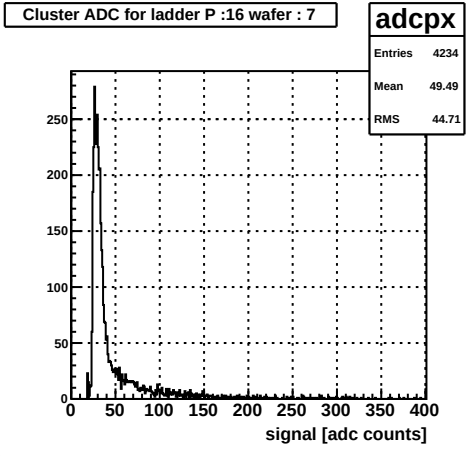

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10653
Mean 33.37
RMS 32.56
signal [adc counts]

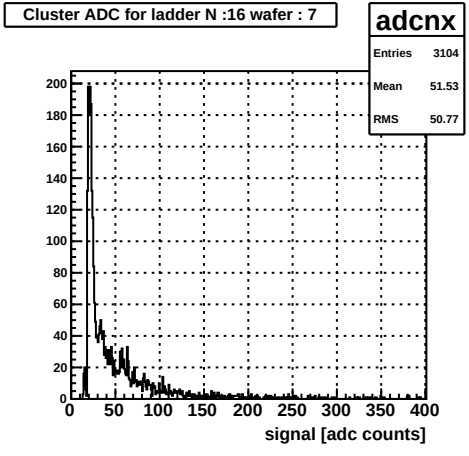

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3822
Mean 46.98
RMS 49.62
signal [adc counts]

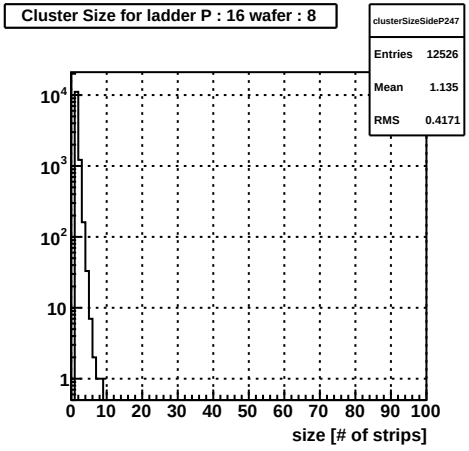

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 4234
Mean 1.108
RMS 0.3935
size [# of strips]

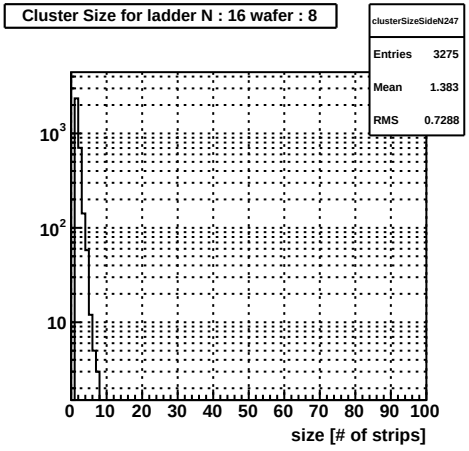

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3104
Mean 1.453
RMS 0.7904
size [# of strips]

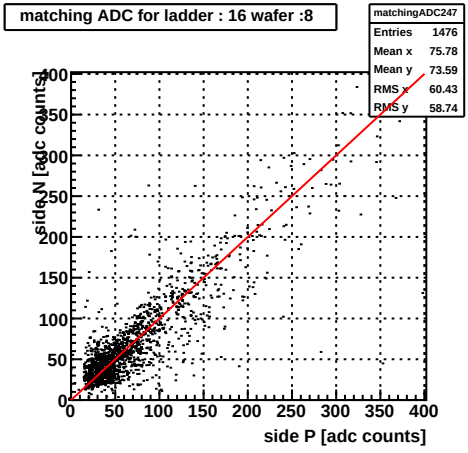

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 864
Mean x 75.35
Mean y 74.1
RMS x 55.9
RMS y 56.38
side N [adc counts]
side P [adc counts]

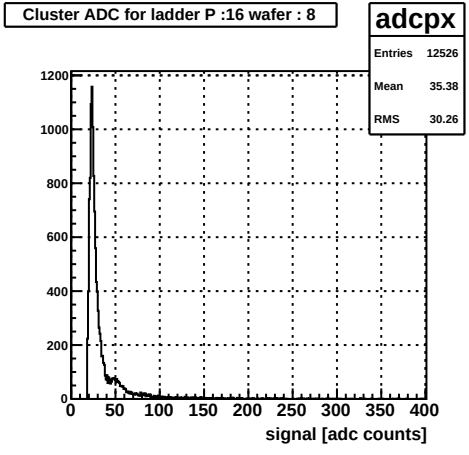

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 4234
Mean 49.49
RMS 44.71
signal [adc counts]

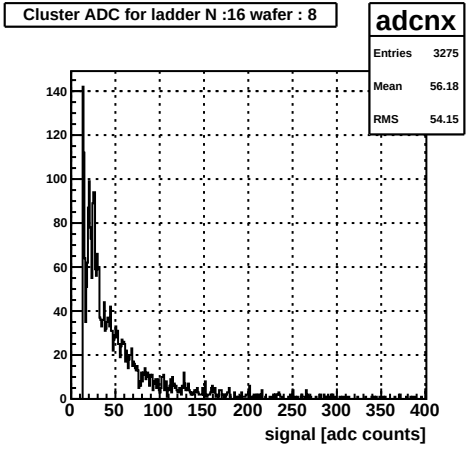

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3104
Mean 51.53
RMS 50.77
signal [adc counts]

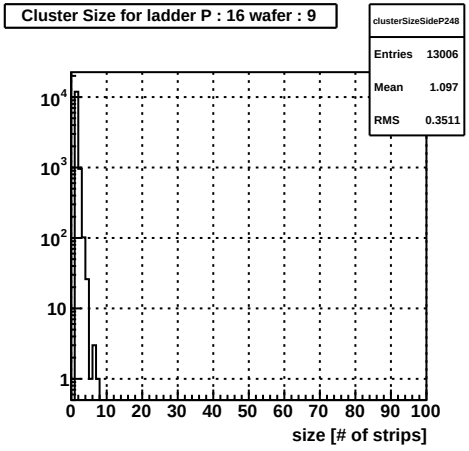

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12526
Mean 1.135
RMS 0.4171
size [# of strips]

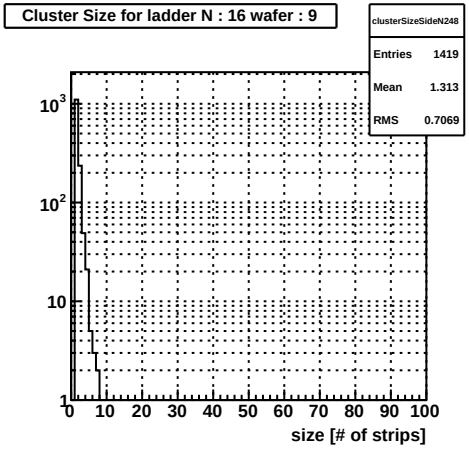

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3275
Mean 1.383
RMS 0.7288
size [# of strips]

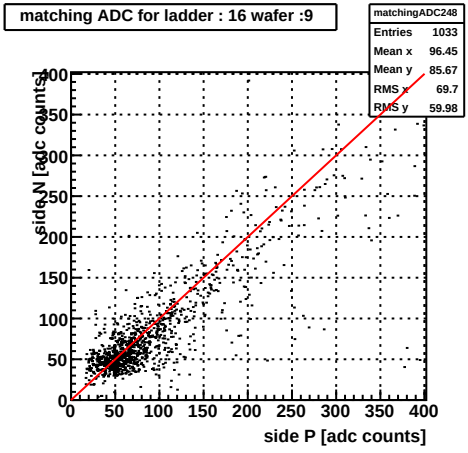

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1476
Mean x 75.78
Mean y 73.59
RMS x 60.43
RMS y 58.74
side N [adc counts]
side P [adc counts]

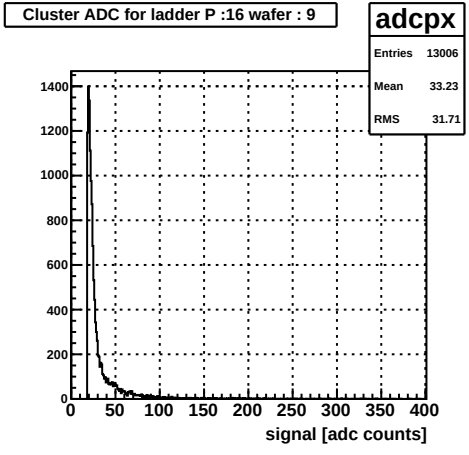

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12526
Mean 35.38
RMS 30.26
signal [adc counts]

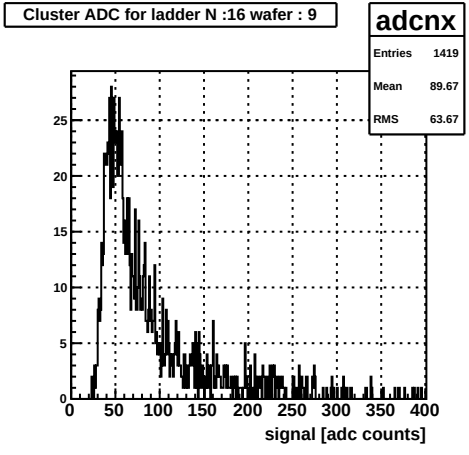

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3275
Mean 56.18
RMS 54.15
signal [adc counts]

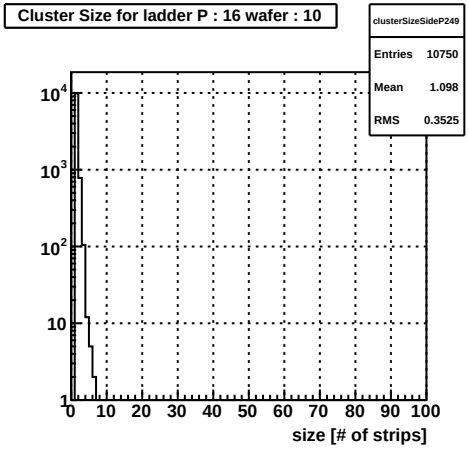

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 13006
Mean 1.097
RMS 0.3511
size [# of strips]

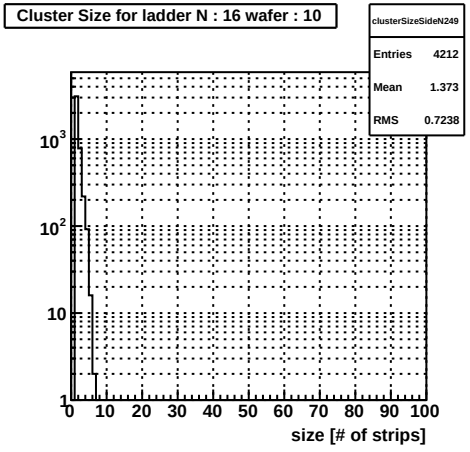

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1419
Mean 1.313
RMS 0.7069
size [# of strips]

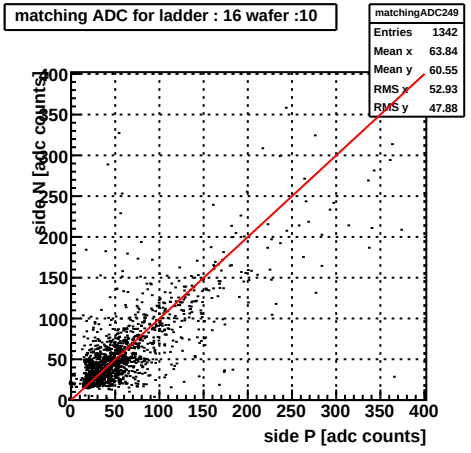

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1033
Mean x 96.45
Mean y 85.67
RMS x 69.7
RMS y 59.98
side N [adc counts]
side P [adc counts]

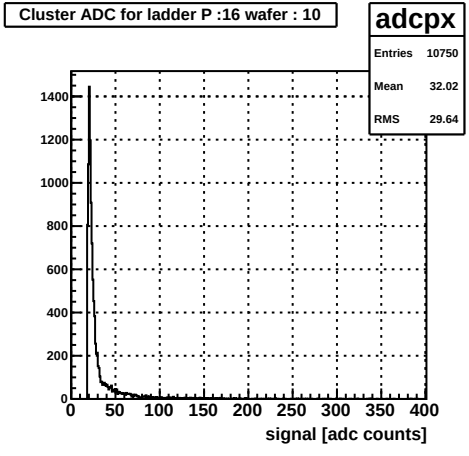

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 13006
Mean 33.23
RMS 31.71
signal [adc counts]

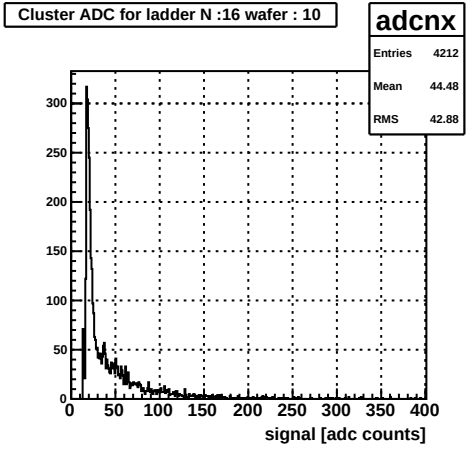

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1419
Mean 89.67
RMS 63.67
signal [adc counts]

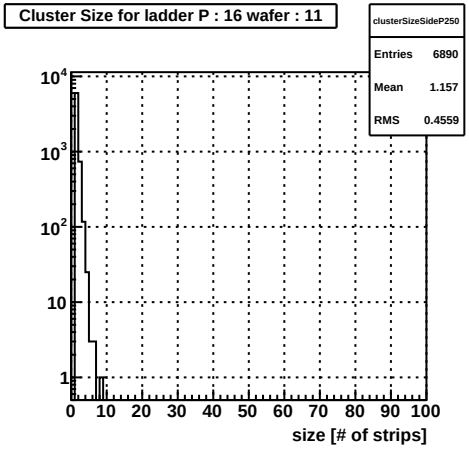

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10750
Mean 1.098
RMS 0.3525
size [# of strips]

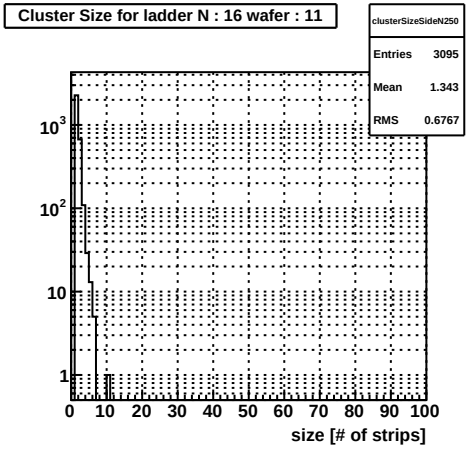

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4212
Mean 1.373
RMS 0.7238
size [# of strips]

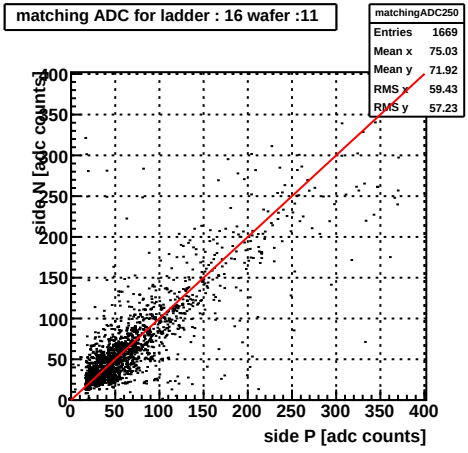

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1342
Mean x 63.84
Mean y 60.55
RMS x 52.93
RMS y 47.88
side N [adc counts]
side P [adc counts]

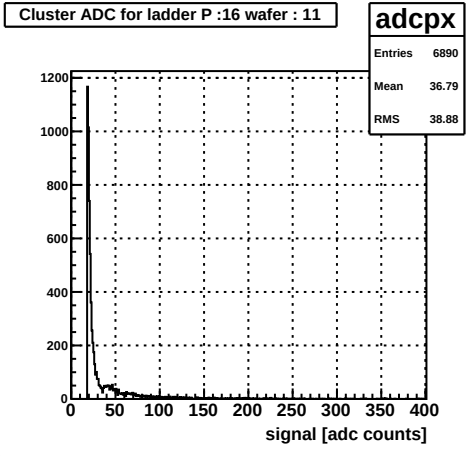

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10750
Mean 32.02
RMS 29.64
signal [adc counts]

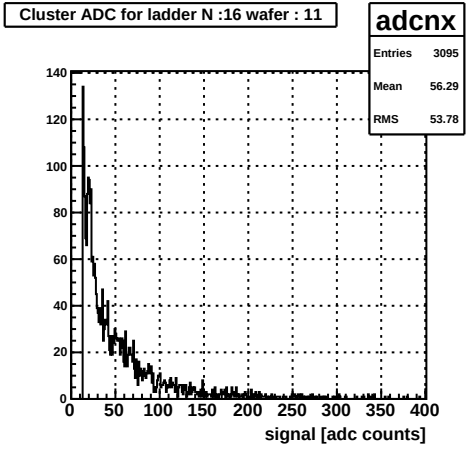

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4212
Mean 44.48
RMS 42.88
signal [adc counts]

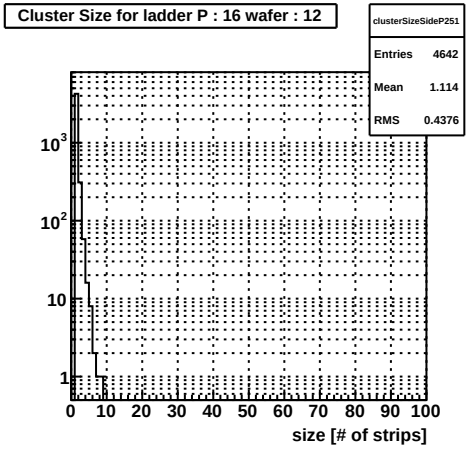

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 6890
Mean 1.157
RMS 0.4559
size [# of strips]

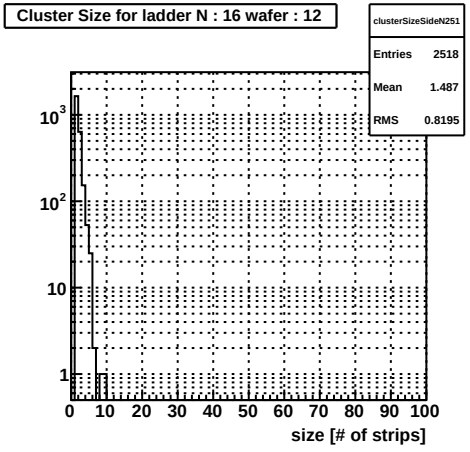

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3095
Mean 1.343
RMS 0.6767
size [# of strips]

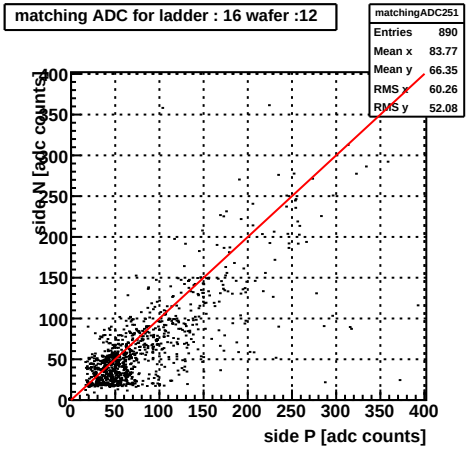

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1669
Mean x 75.03
Mean y 71.92
RMS x 59.43
RMS y 57.23
side N [adc counts]
side P [adc counts]

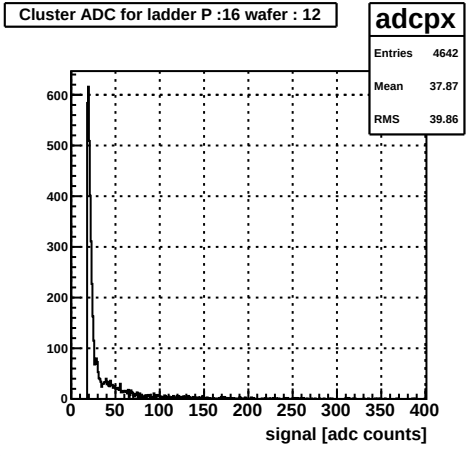

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 6890
Mean 36.79
RMS 38.88
signal [adc counts]

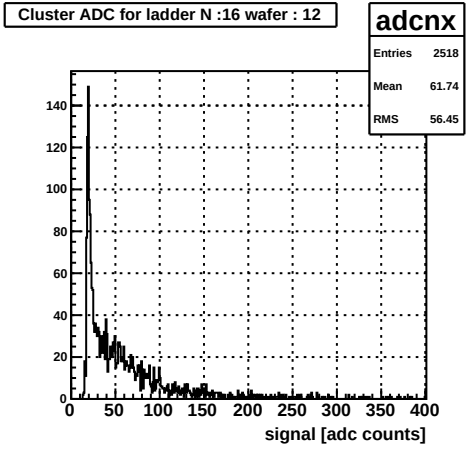

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3095
Mean 56.29
RMS 53.78
signal [adc counts]

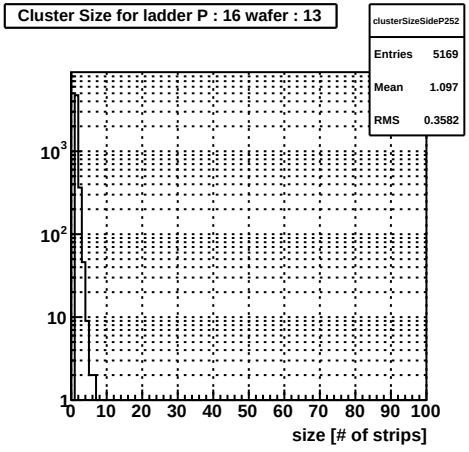

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4642
Mean 1.114
RMS 0.4376
size [# of strips]

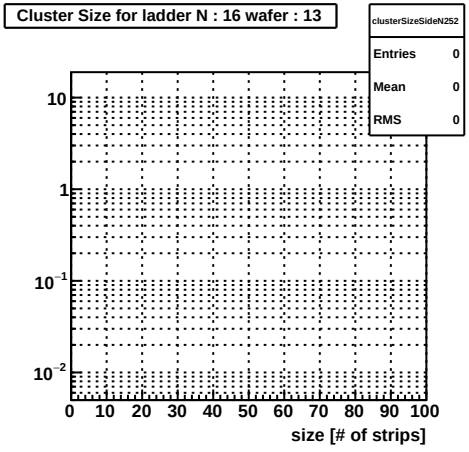

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2518
Mean 1.487
RMS 0.8195
size [# of strips]

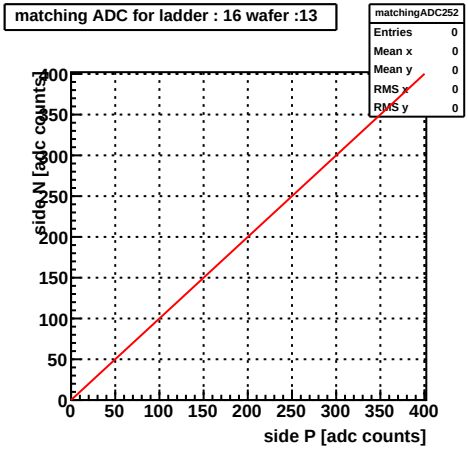

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 890
Mean x 83.77
Mean y 66.35
RMS x 60.26
RMS y 52.08
side N [adc counts]
side P [adc counts]

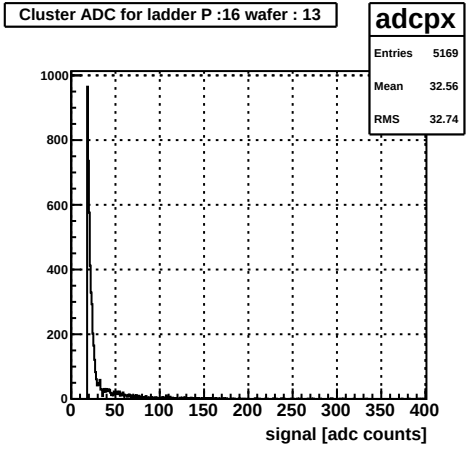

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4642
Mean 37.87
RMS 39.86
signal [adc counts]

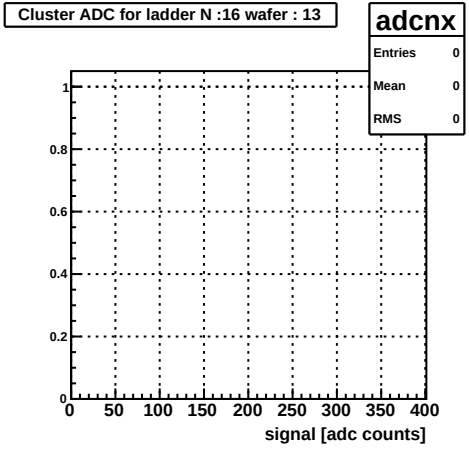

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2518
Mean 61.74
RMS 56.45
signal [adc counts]

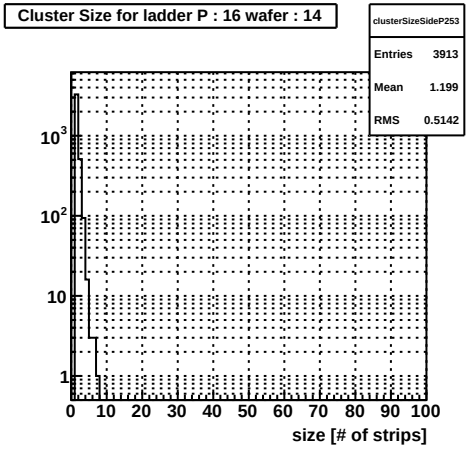

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5169
Mean 1.097
RMS 0.3582
size [# of strips]

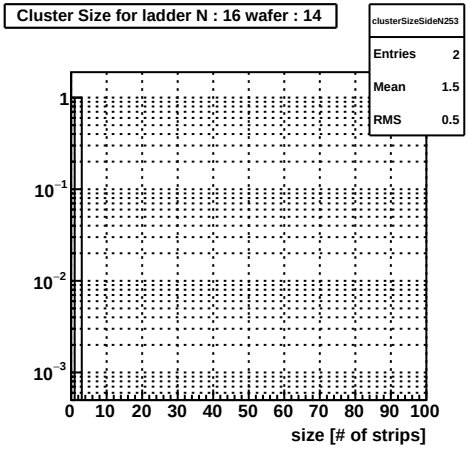

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

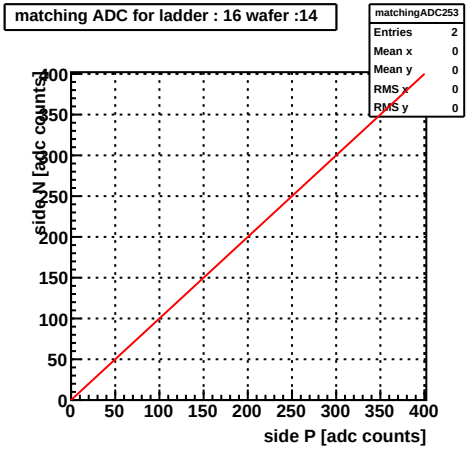

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

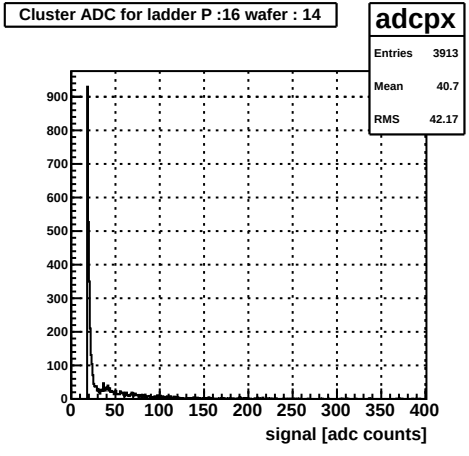

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5169
Mean 32.56
RMS 32.74
signal [adc counts]

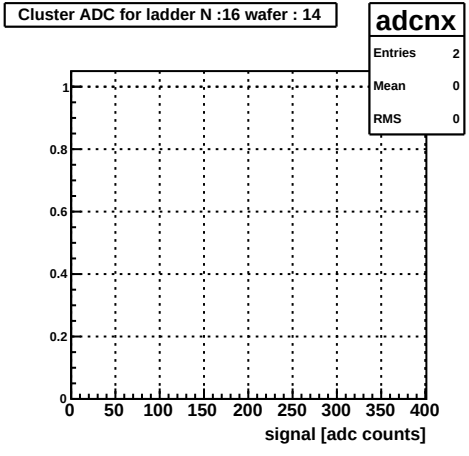

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

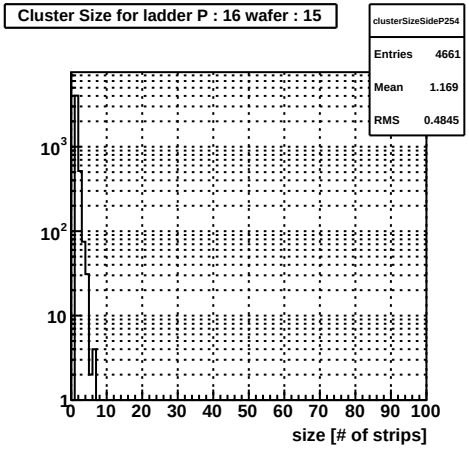

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 3913
Mean 1.199
RMS 0.5142
size [# of strips]

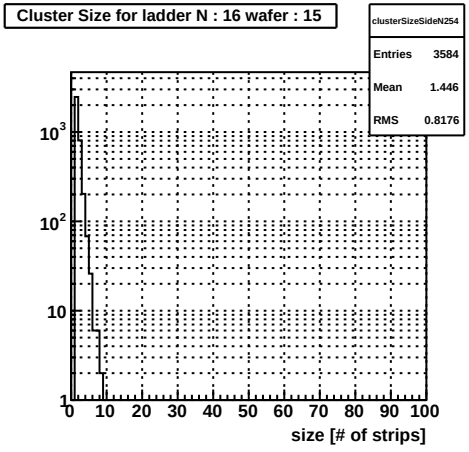

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

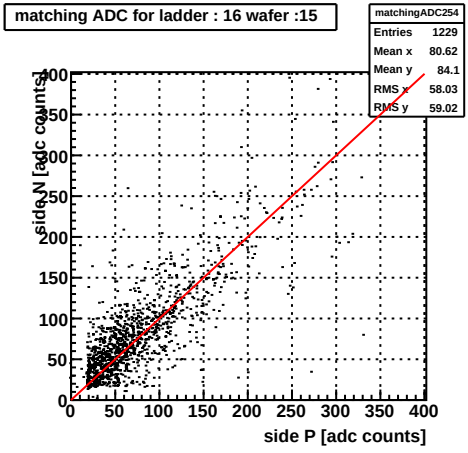

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

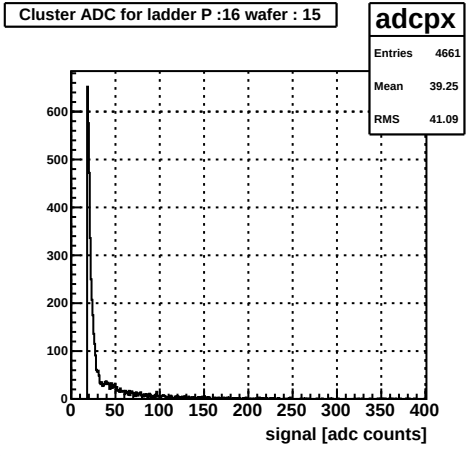

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 3913
Mean 40.7
RMS 42.17
signal [adc counts]

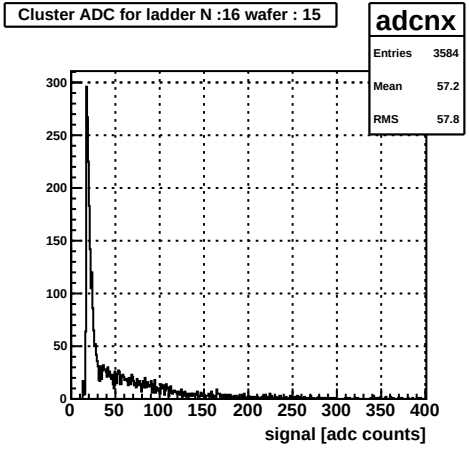

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

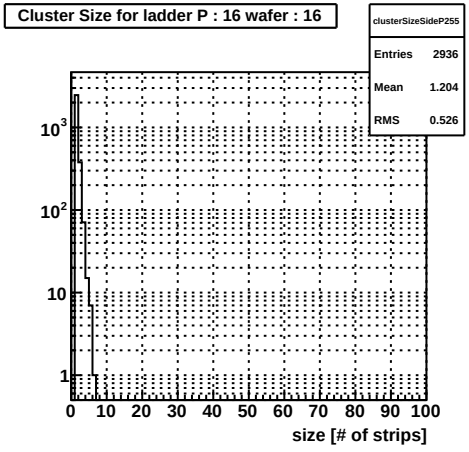

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4661
Mean 1.169
RMS 0.4845
size [# of strips]

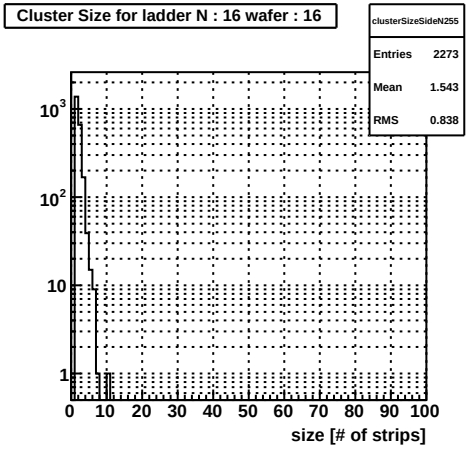

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3584
Mean 1.446
RMS 0.8176
size [# of strips]

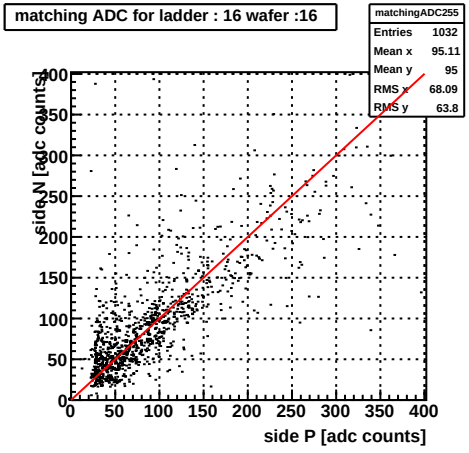

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1229
Mean x 80.62
Mean y 84.1
RMS x 58.03
RMS y 59.02
side N [adc counts]
side P [adc counts]

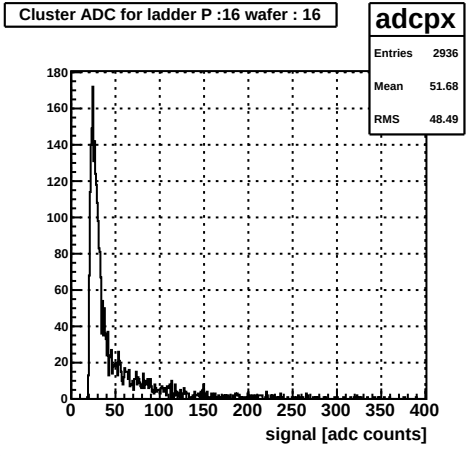

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4661
Mean 39.25
RMS 41.09
signal [adc counts]

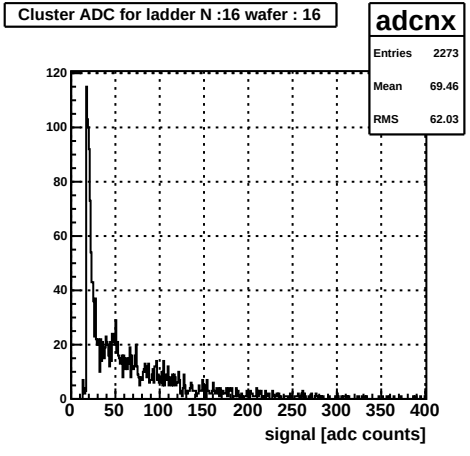

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3584
Mean 57.2
RMS 57.8
signal [adc counts]

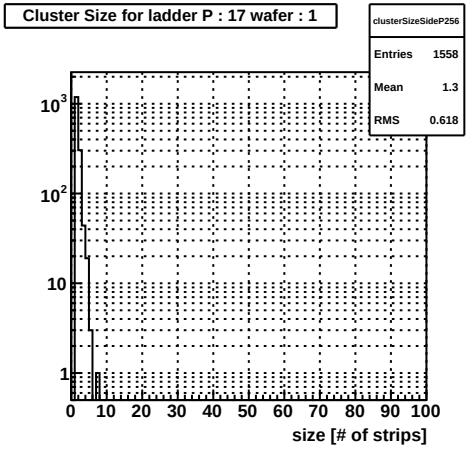

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2936
Mean 1.204
RMS 0.526
size [# of strips]

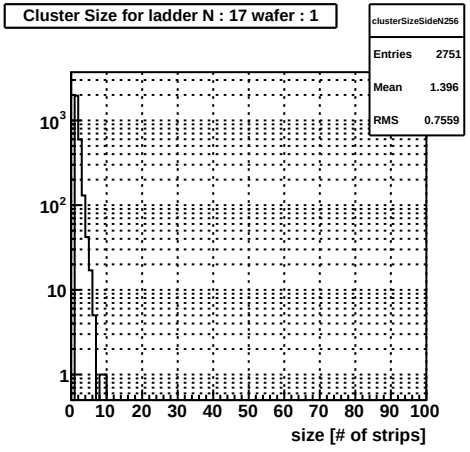

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2273
Mean 1.543
RMS 0.838
size [# of strips]

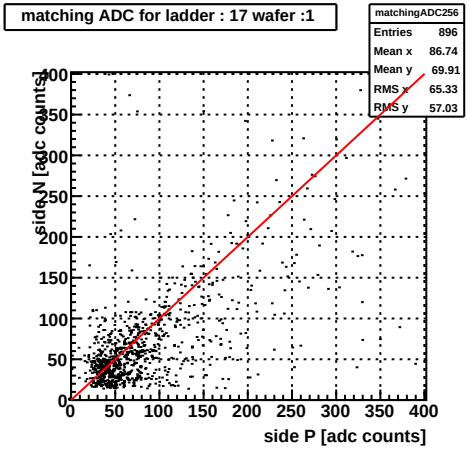

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1032
Mean x 95.11
Mean y 95
RMS x 68.09
RMS y 63.8
side N [adc counts]
side P [adc counts]

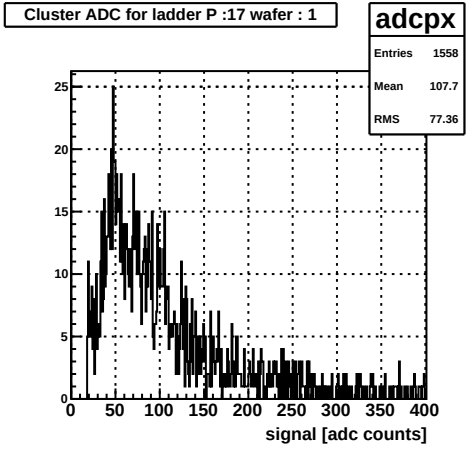

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2936
Mean 51.68
RMS 48.49
signal [adc counts]

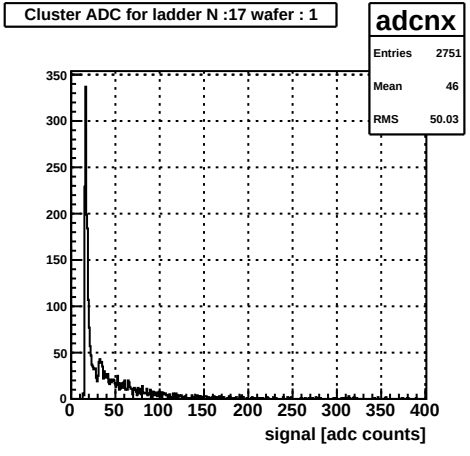

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2273
Mean 69.46
RMS 62.03
signal [adc counts]

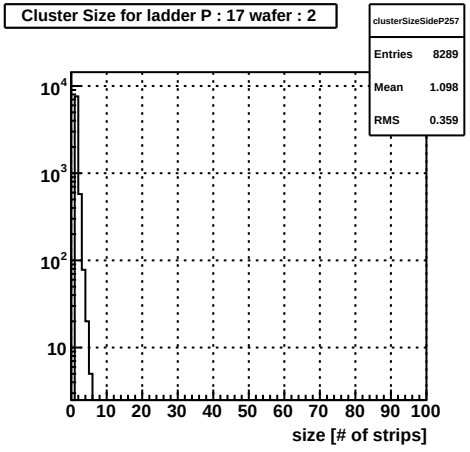

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1558
Mean 1.3
RMS 0.618
size [# of strips]

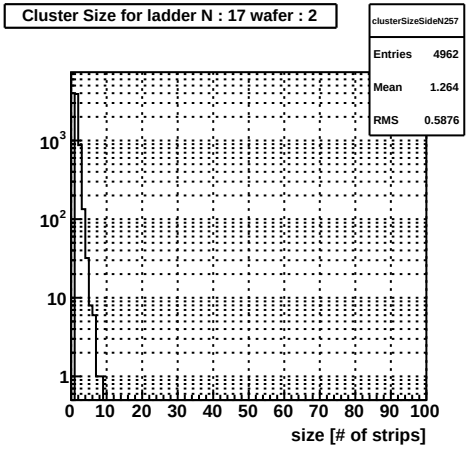

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2751
Mean 1.396
RMS 0.7559
size [# of strips]

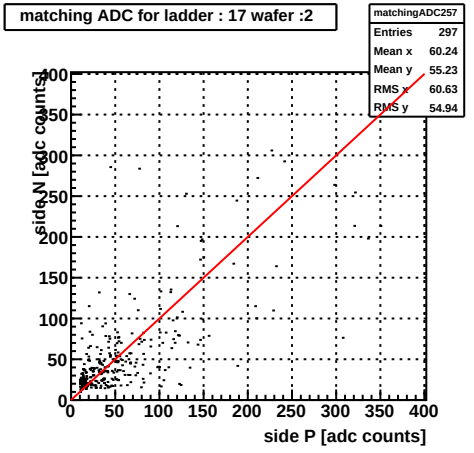

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 896
Mean x 86.74
Mean y 69.91
RMS x 65.33
RMS y 57.03
side N [adc counts]
side P [adc counts]

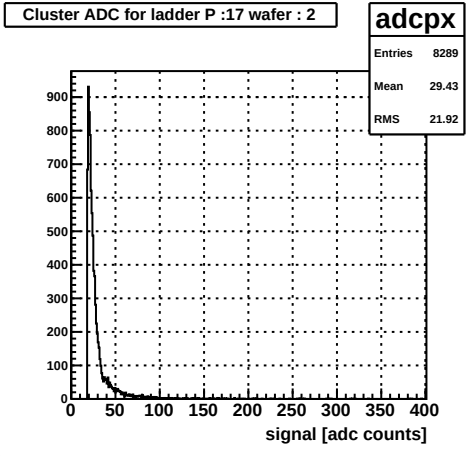

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1558
Mean 107.7
RMS 77.36
signal [adc counts]

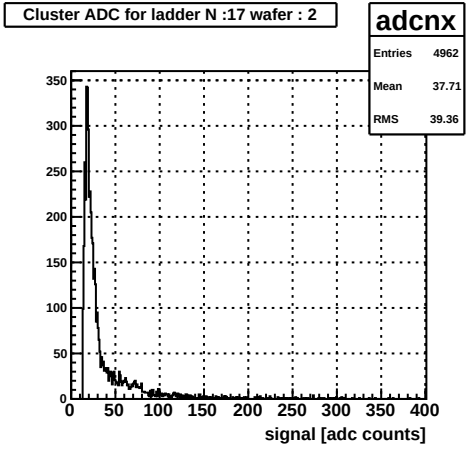

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2751
Mean 46
RMS 50.03
signal [adc counts]

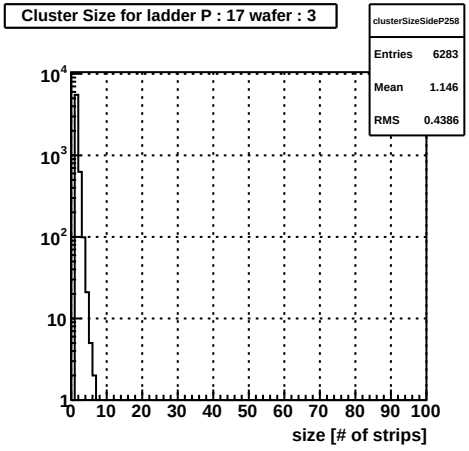

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8289
Mean 1.098
RMS 0.359
size [# of strips]

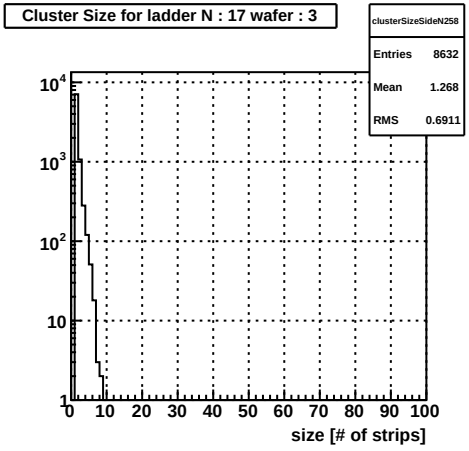

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4962
Mean 1.264
RMS 0.5876
size [# of strips]

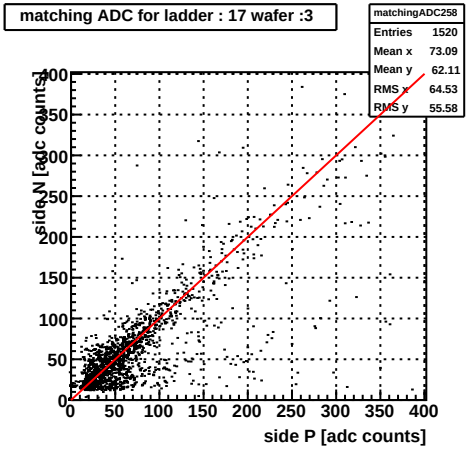

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 297
Mean x 60.24
Mean y 55.23
RMS x 60.63
RMS y 54.94
side N [adc counts]
side P [adc counts]

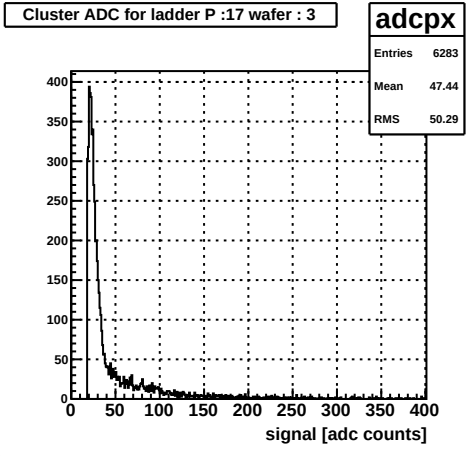

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8289
Mean 29.43
RMS 21.92
signal [adc counts]

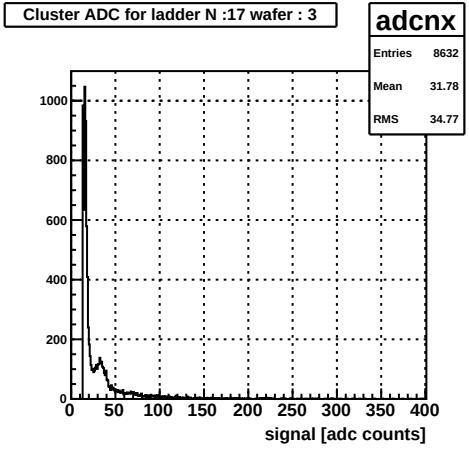

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4962
Mean 37.71
RMS 39.36
signal [adc counts]

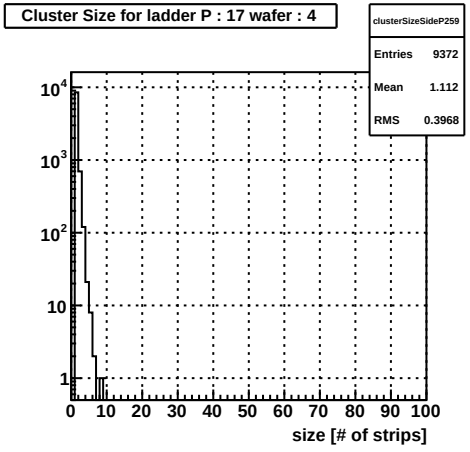

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6283
Mean 1.146
RMS 0.4386
size [# of strips]

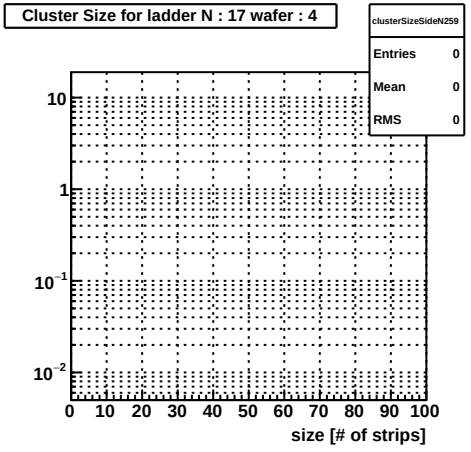

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8632
Mean 1.268
RMS 0.6911
size [# of strips]

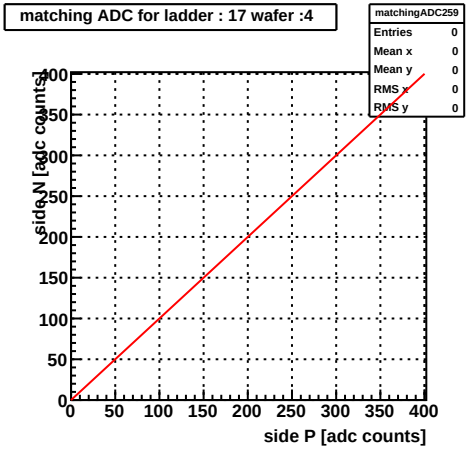

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1520
Mean x 73.09
Mean y 62.11
RMS x 64.53
RMS y 55.58
side N [adc counts]
side P [adc counts]

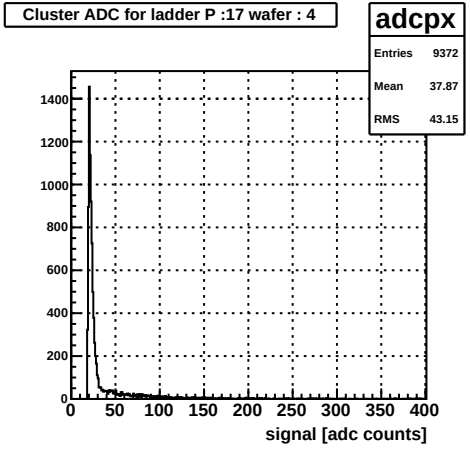

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6283
Mean 47.44
RMS 50.29
signal [adc counts]

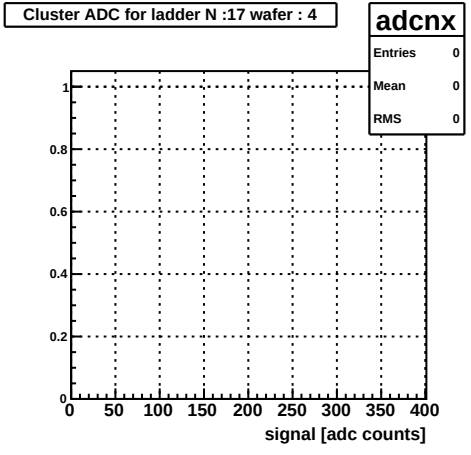

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8632
Mean 31.78
RMS 34.77
signal [adc counts]

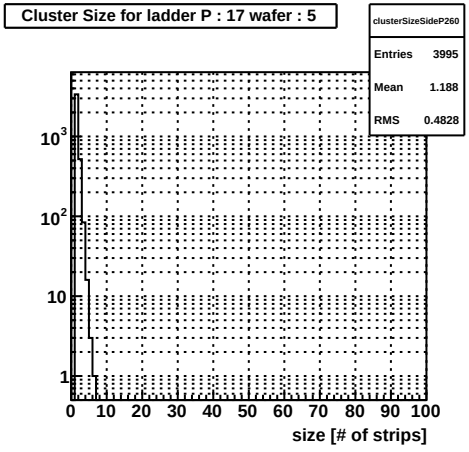

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9372
Mean 1.112
RMS 0.3968
size [# of strips]

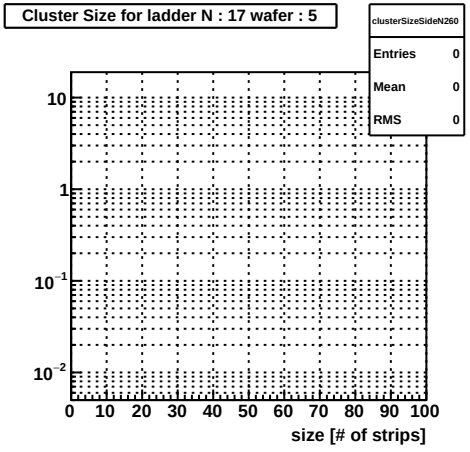

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

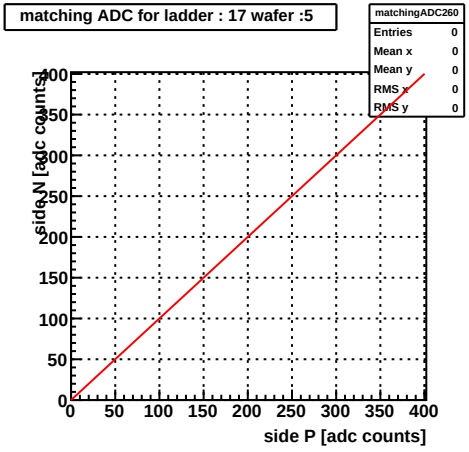

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

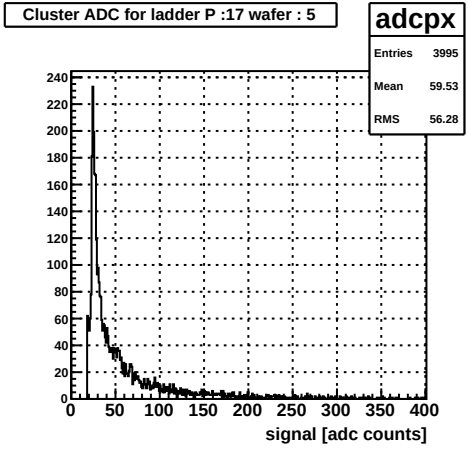

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9372
Mean 37.87
RMS 43.15
signal [adc counts]

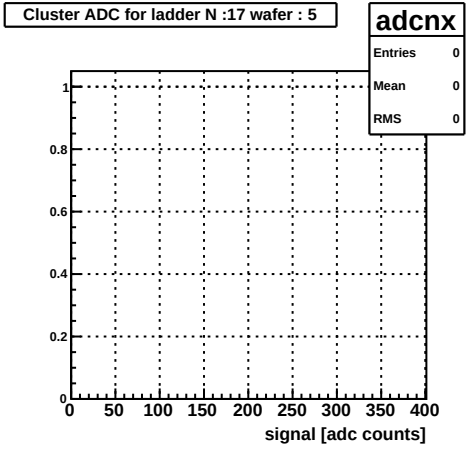

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

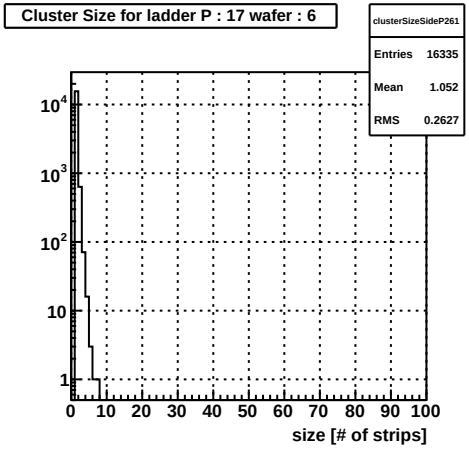

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3995
Mean 1.188
RMS 0.4828
size [# of strips]

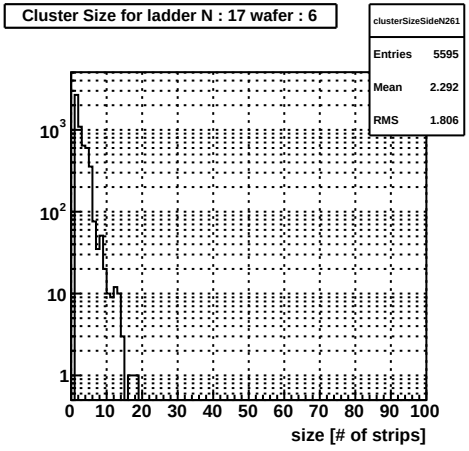

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

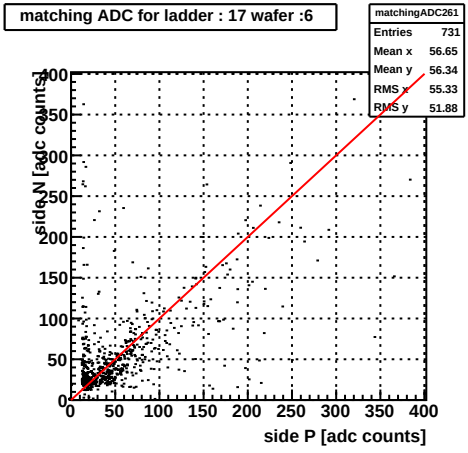

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

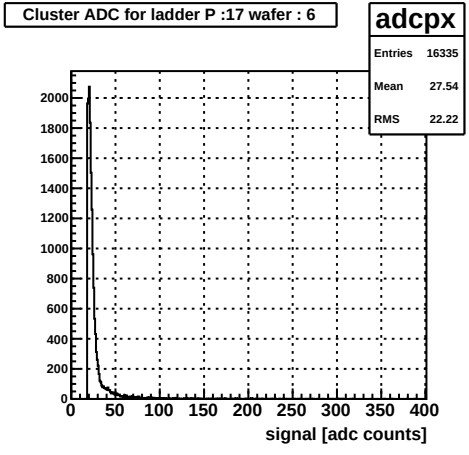

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3995
Mean 59.53
RMS 56.28
signal [adc counts]

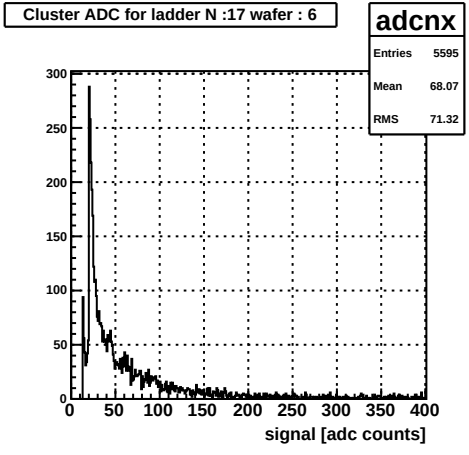

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

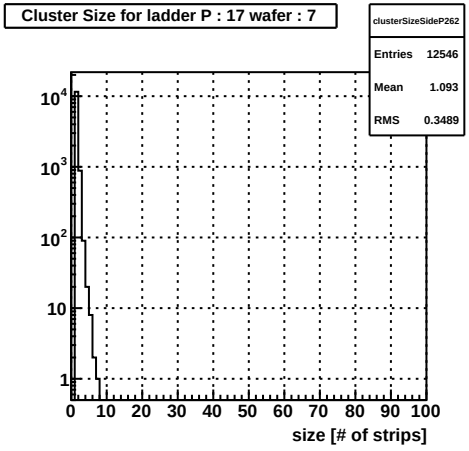

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 16335
Mean 1.052
RMS 0.2627
size [# of strips]

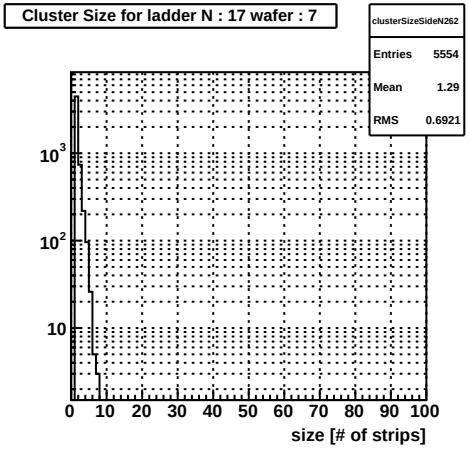

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5595
Mean 2.292
RMS 1.806
size [# of strips]

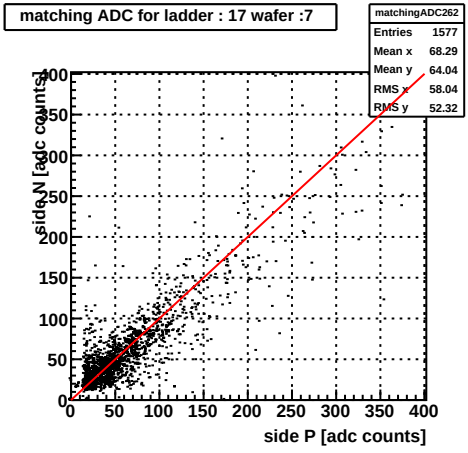

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 731
Mean x 56.65
Mean y 56.34
RMS x 55.33
RMS y 51.88
side N [adc counts]
side P [adc counts]

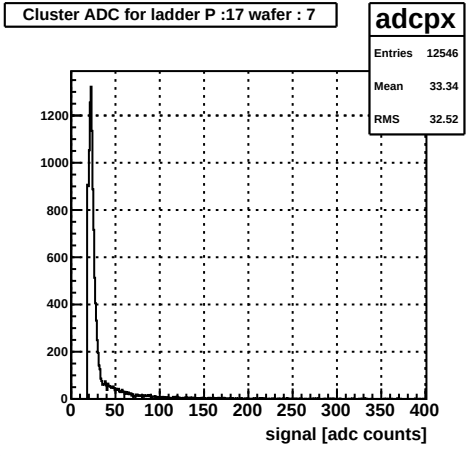

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 16335
Mean 27.54
RMS 22.22
signal [adc counts]

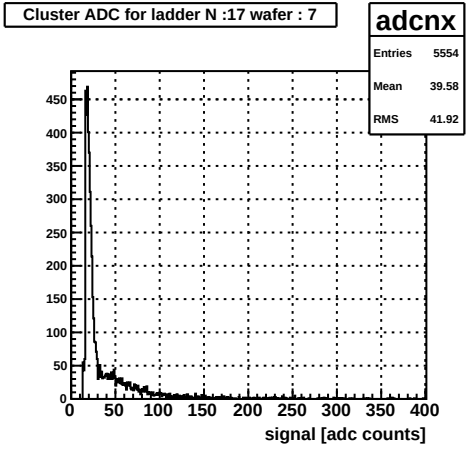

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5595
Mean 68.07
RMS 71.32
signal [adc counts]

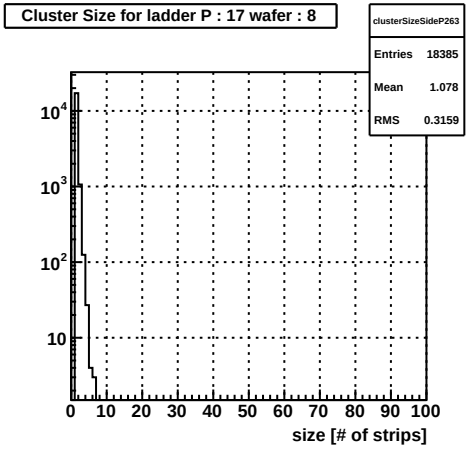

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12546
Mean 1.093
RMS 0.3489
size [# of strips]

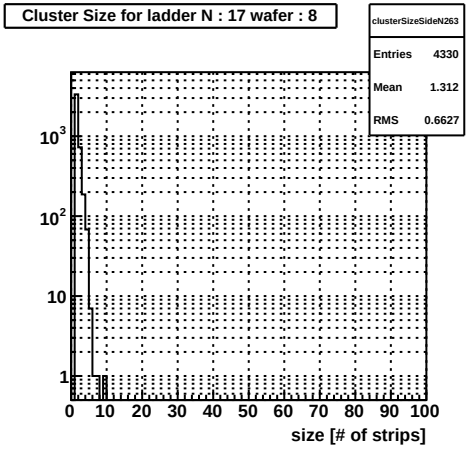

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5554
Mean 1.29
RMS 0.6921
size [# of strips]

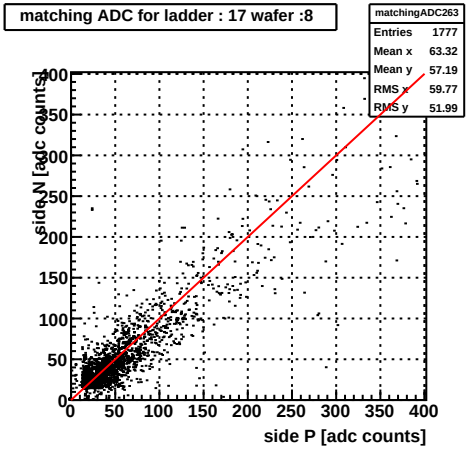

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1577
Mean x 68.29
Mean y 64.04
RMS x 58.04
RMS y 52.32
side N [adc counts]
side P [adc counts]

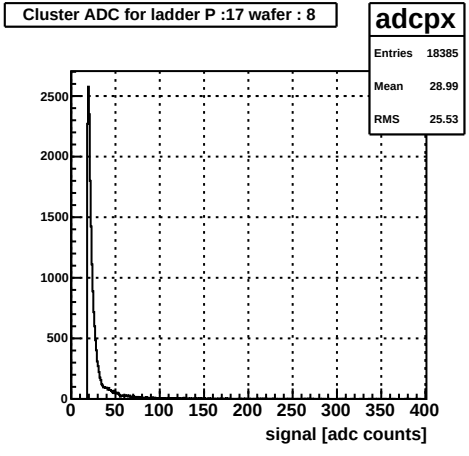

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12546
Mean 33.34
RMS 32.52
signal [adc counts]

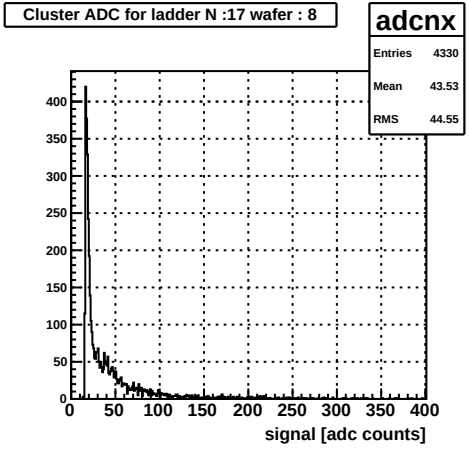

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5554
Mean 39.58
RMS 41.92
signal [adc counts]

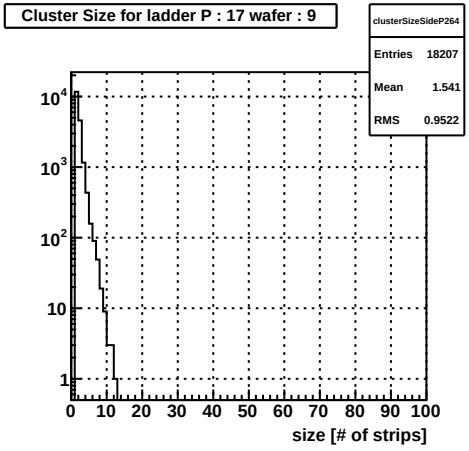

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 18385
Mean 1.078
RMS 0.3159
size [# of strips]

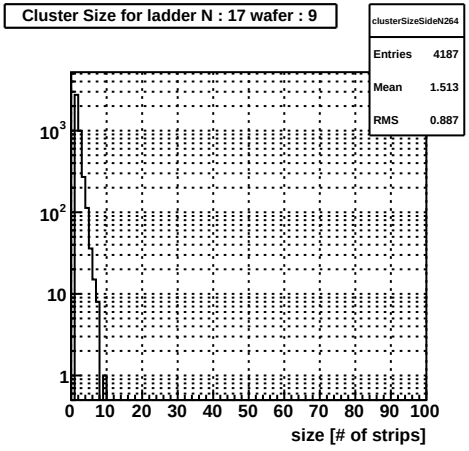

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 4330
Mean 1.312
RMS 0.6627
size [# of strips]

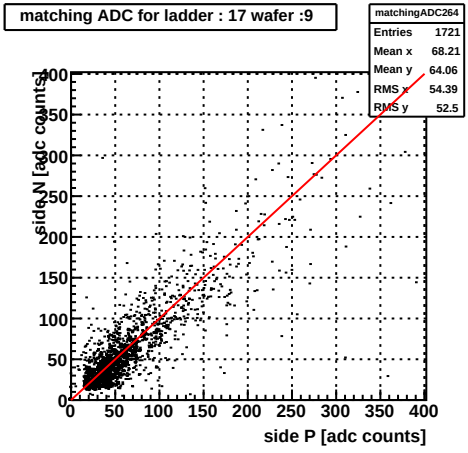

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1777
Mean x 63.32
Mean y 57.19
RMS x 59.77
RMS y 51.99
side N [adc counts]
side P [adc counts]

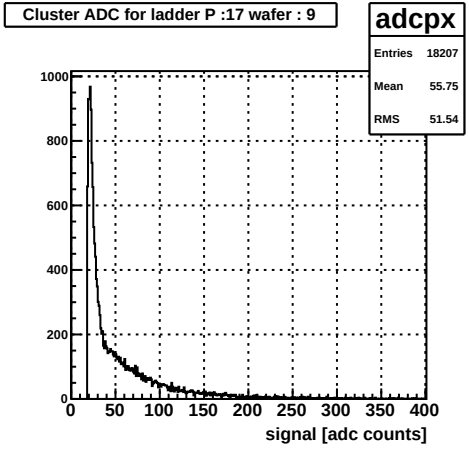

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 18385
Mean 28.99
RMS 25.53
signal [adc counts]

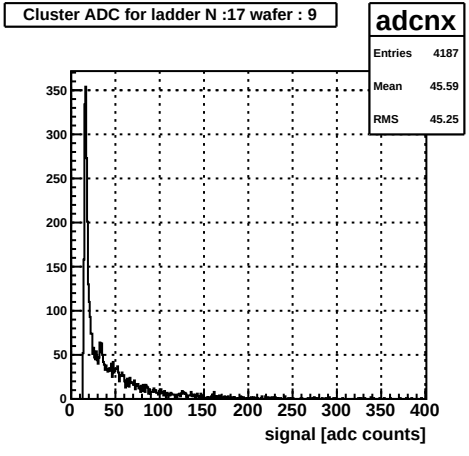

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 4330
Mean 43.53
RMS 44.55
signal [adc counts]

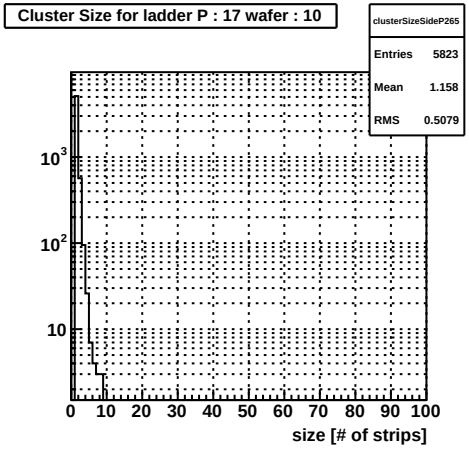

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 18207
Mean 1.541
RMS 0.9522
size [# of strips]

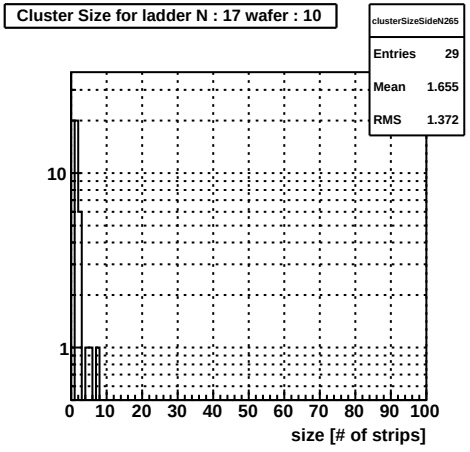

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4187
Mean 1.513
RMS 0.887
size [# of strips]

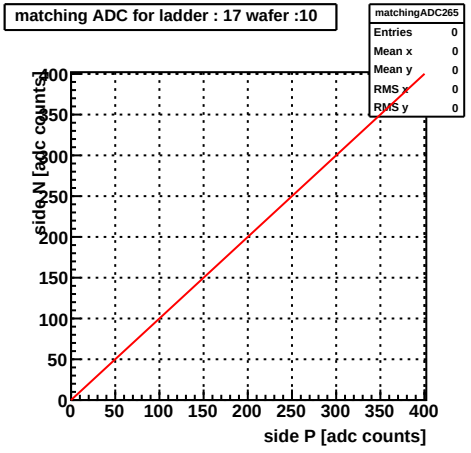

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1721
Mean x 68.21
Mean y 64.06
RMS x 54.39
RMS y 52.5
side N [adc counts]
side P [adc counts]

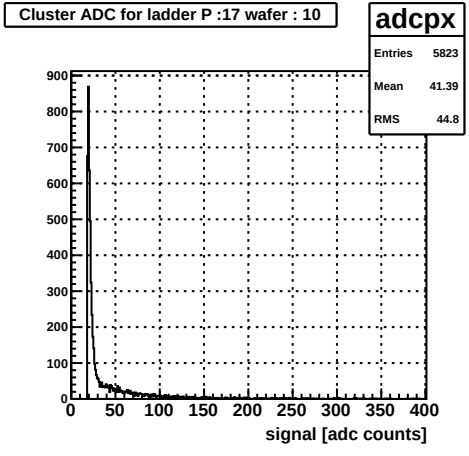

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 18207
Mean 55.75
RMS 51.54
signal [adc counts]

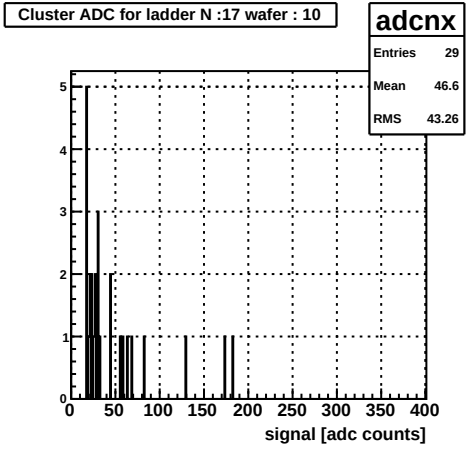

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4187
Mean 45.59
RMS 45.25
signal [adc counts]

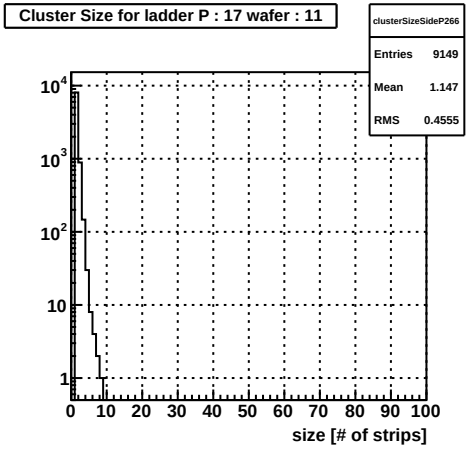

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5823
Mean 1.158
RMS 0.5079
size [# of strips]

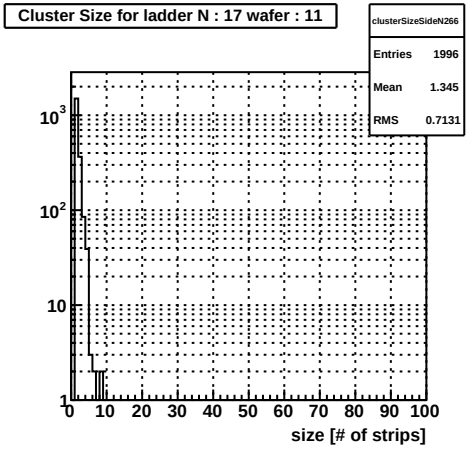

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 29
Mean 1.655
RMS 1.372
size [# of strips]

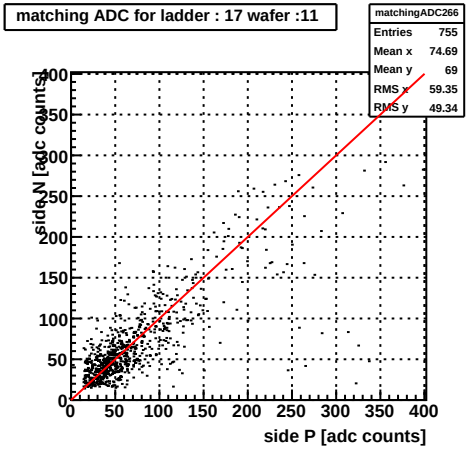

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

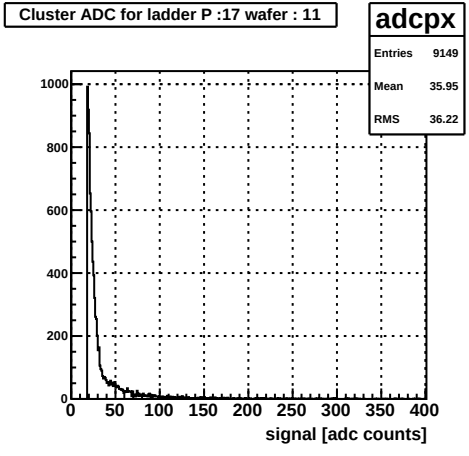

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5823
Mean 41.39
RMS 44.8
signal [adc counts]

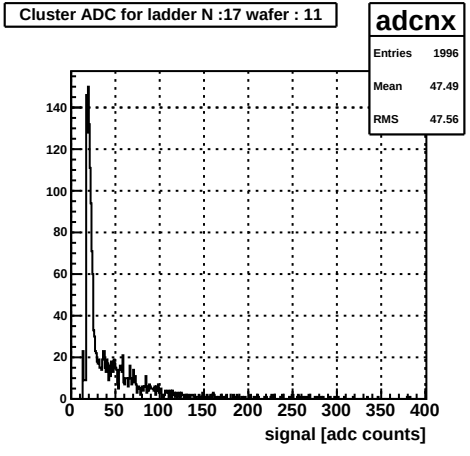

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 29
Mean 46.6
RMS 43.26
signal [adc counts]

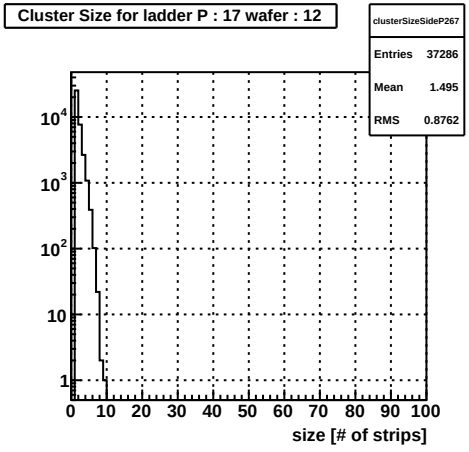

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9149
Mean 1.147
RMS 0.4555
size [# of strips]

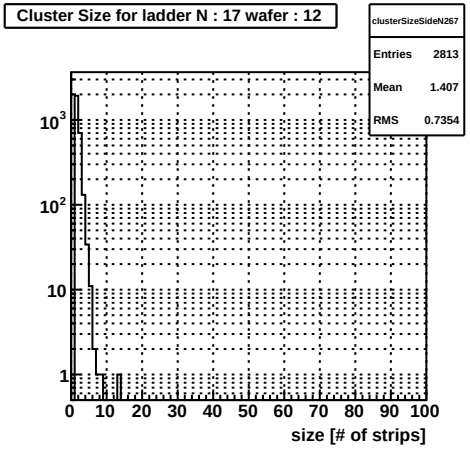

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1996
Mean 1.345
RMS 0.7131
size [# of strips]

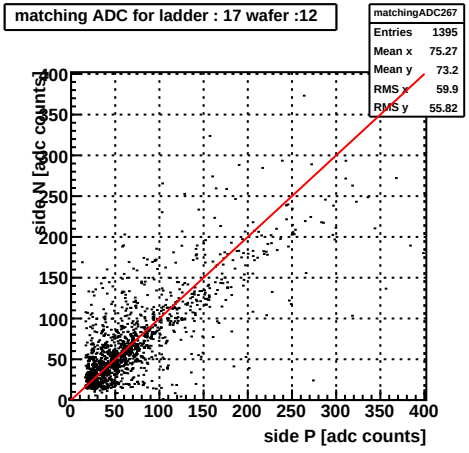

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 755
Mean x 74.69
Mean y 69
RMS x 59.35
RMS y 49.34
side N [adc counts]
side P [adc counts]

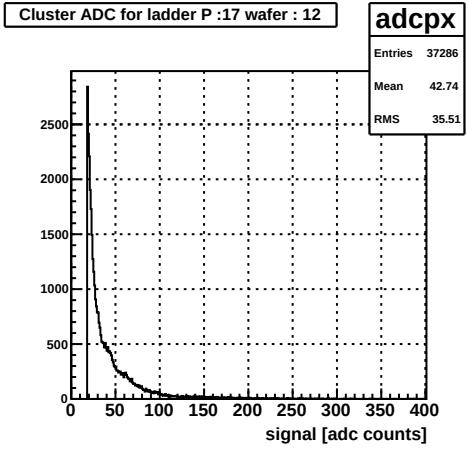

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9149
Mean 35.95
RMS 36.22
signal [adc counts]

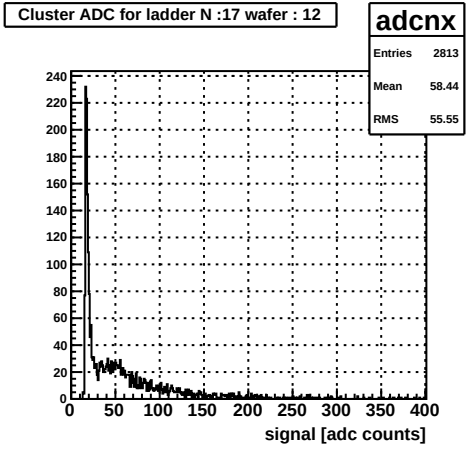

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1996
Mean 47.49
RMS 47.56
signal [adc counts]

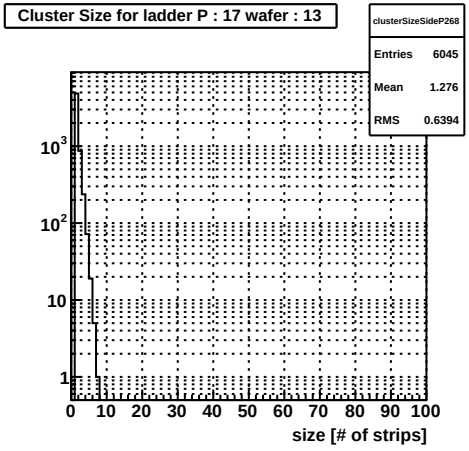

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 37286
Mean 1.495
RMS 0.8762
size [# of strips]

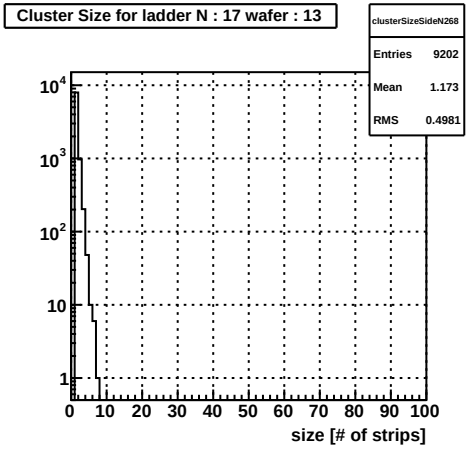

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2813
Mean 1.407
RMS 0.7354
size [# of strips]

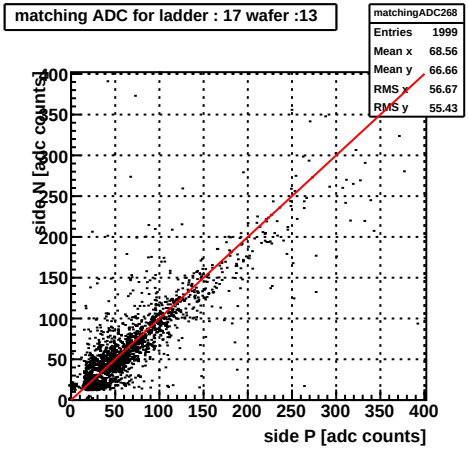

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1395
Mean x 75.27
Mean y 73.2
RMS x 59.9
RMS y 55.82
side N [adc counts]
side P [adc counts]

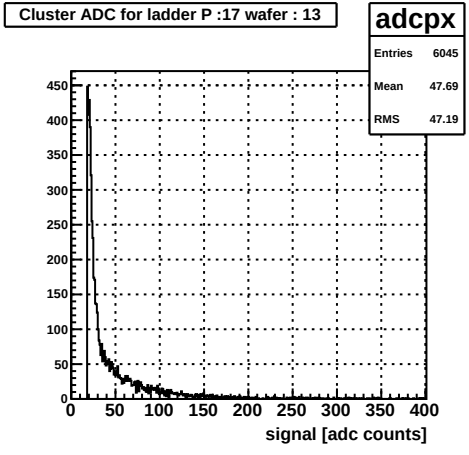

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 37286
Mean 42.74
RMS 35.51
signal [adc counts]

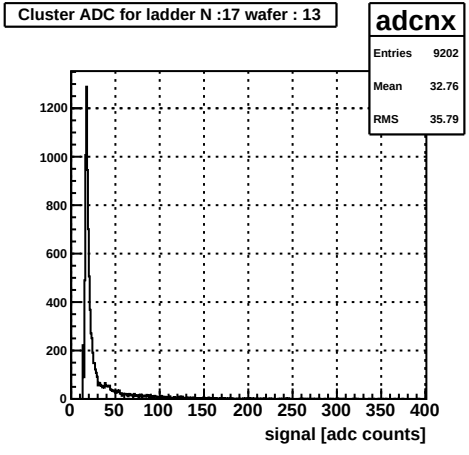

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2813
Mean 58.44
RMS 55.55
signal [adc counts]

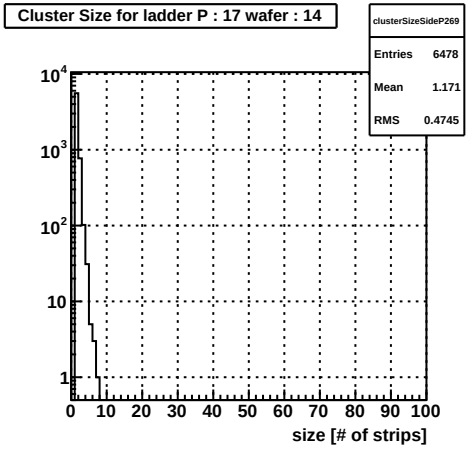

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6045
Mean 1.276
RMS 0.6394
size [# of strips]

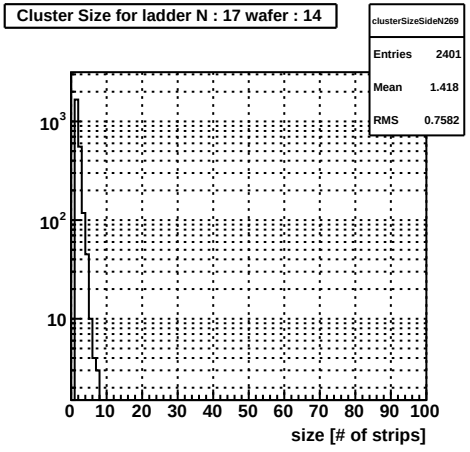

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9202
Mean 1.173
RMS 0.4981
size [# of strips]

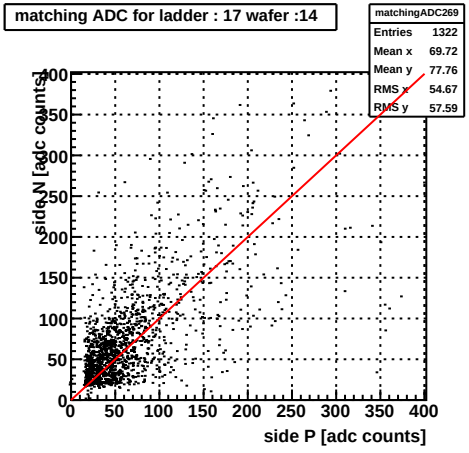

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1999
Mean x 68.56
Mean y 66.66
RMS x 56.67
RMS y 55.43
side N [adc counts]
side P [adc counts]

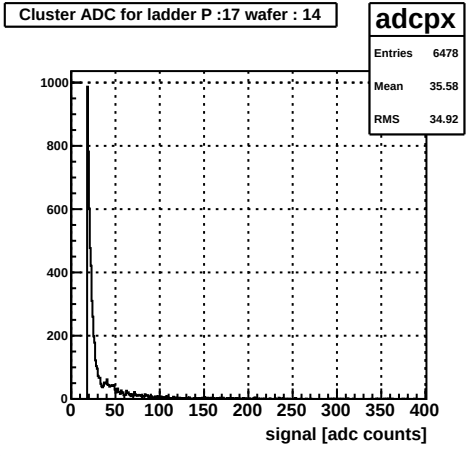

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6045
Mean 47.69
RMS 47.19
signal [adc counts]

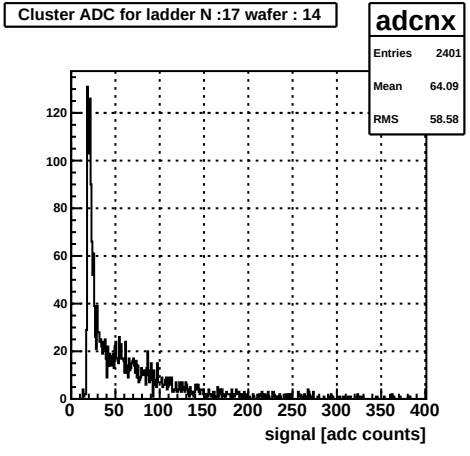

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9202
Mean 32.76
RMS 35.79
signal [adc counts]

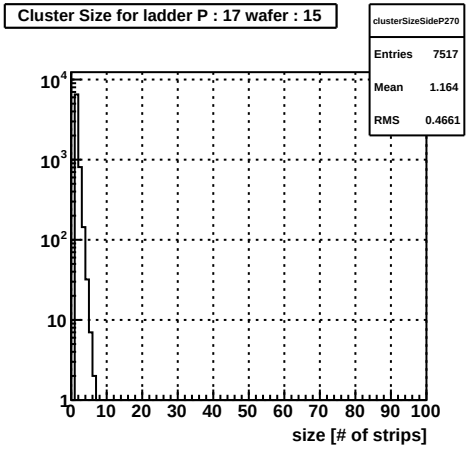

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6478
Mean 1.171
RMS 0.4745
size [# of strips]

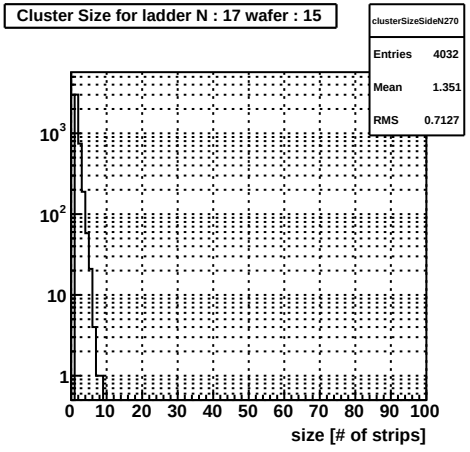

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2401
Mean 1.418
RMS 0.7582
size [# of strips]

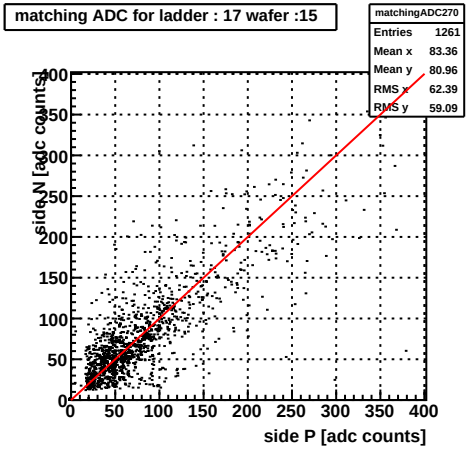

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1322
Mean x 69.72
Mean y 77.76
RMS x 54.67
RMS y 57.59
side N [adc counts]
side P [adc counts]

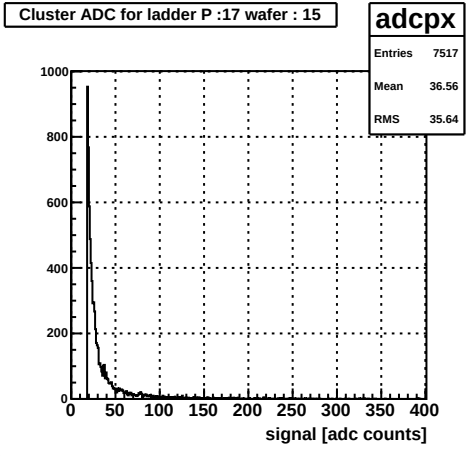

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6478
Mean 35.58
RMS 34.92
signal [adc counts]

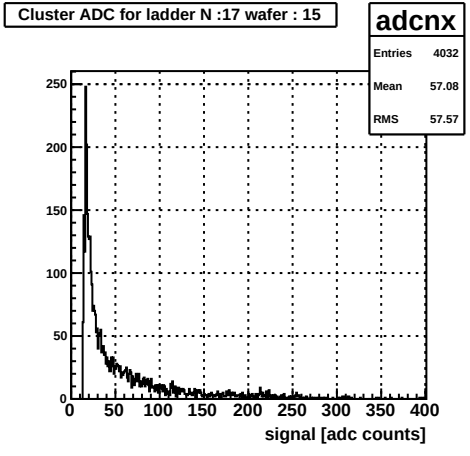

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2401
Mean 64.09
RMS 58.58
signal [adc counts]

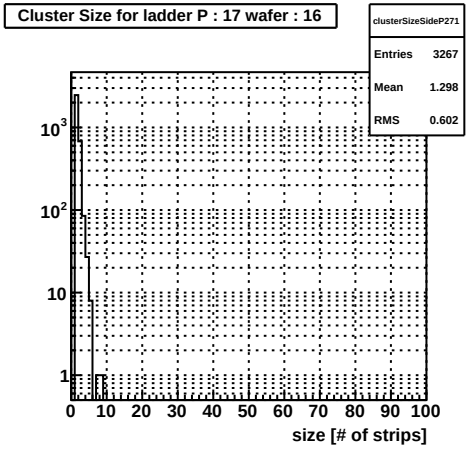

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7517
Mean 1.164
RMS 0.4661
size [# of strips]

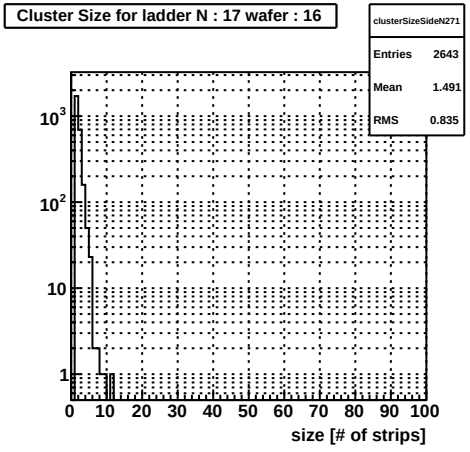

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4032
Mean 1.351
RMS 0.7127
size [# of strips]

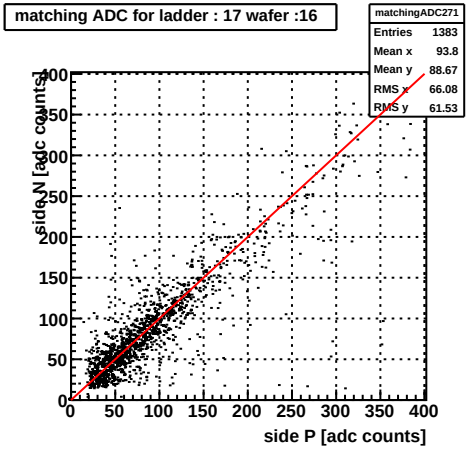

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1261
Mean x 83.36
Mean y 80.96
RMS x 62.39
RMS y 59.09
side N [adc counts]
side P [adc counts]

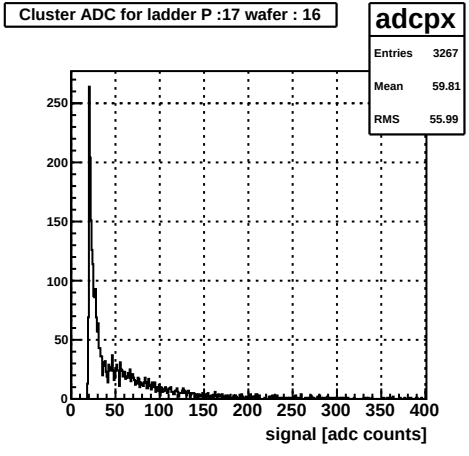

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7517
Mean 36.56
RMS 35.64
signal [adc counts]

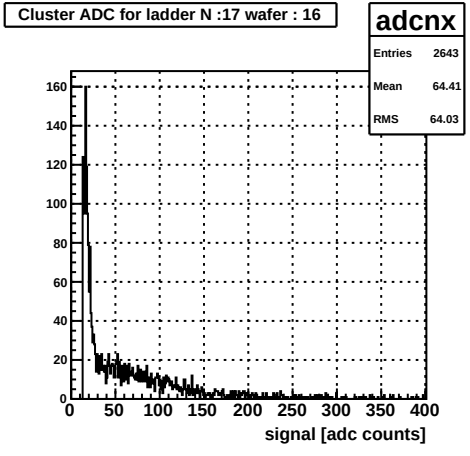

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4032
Mean 57.08
RMS 57.57
signal [adc counts]

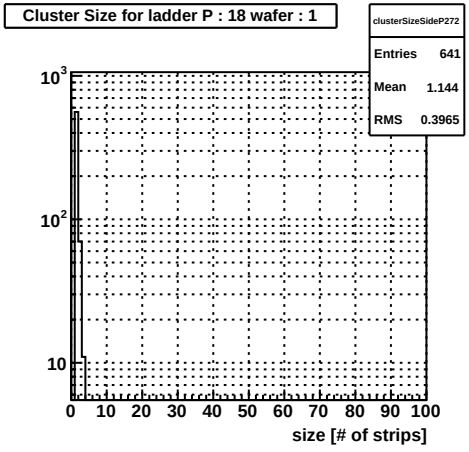

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3267
Mean 1.298
RMS 0.602
size [# of strips]

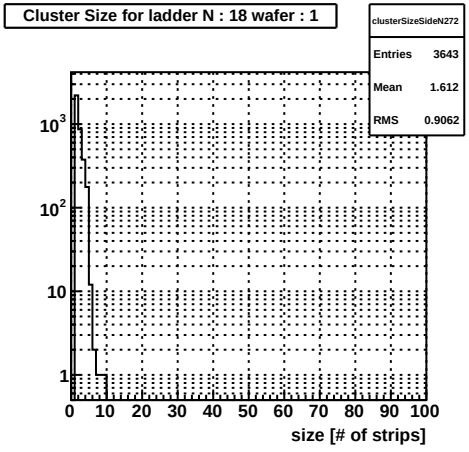

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2643
Mean 1.491
RMS 0.835
size [# of strips]

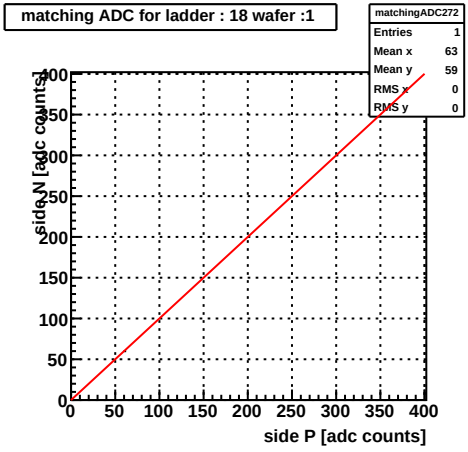

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1383
Mean x 93.8
Mean y 88.67
RMS x 66.08
RMS y 61.53
side N [adc counts]
side P [adc counts]

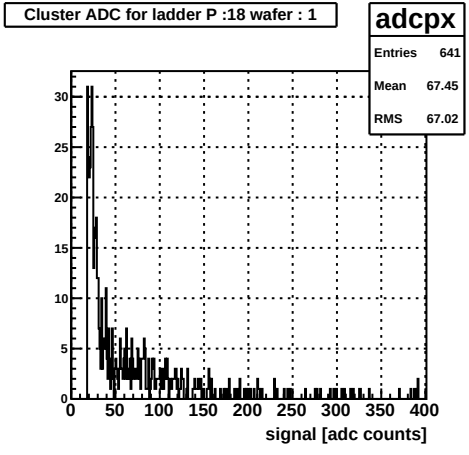

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3267
Mean 59.81
RMS 55.99
signal [adc counts]

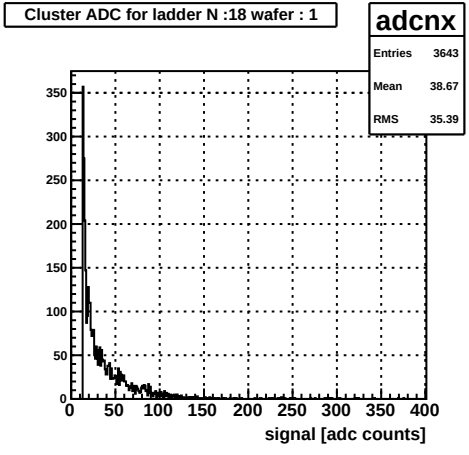

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2643
Mean 64.41
RMS 64.03
signal [adc counts]

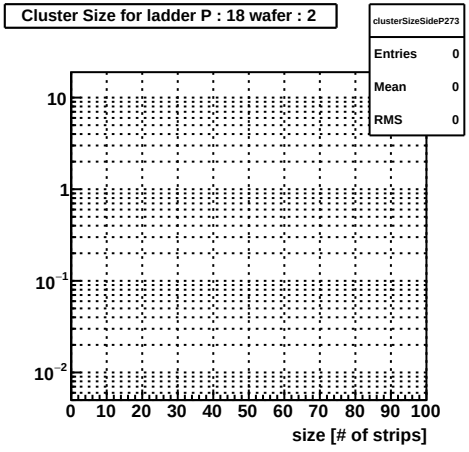

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 641
Mean 1.144
RMS 0.3965
size [# of strips]

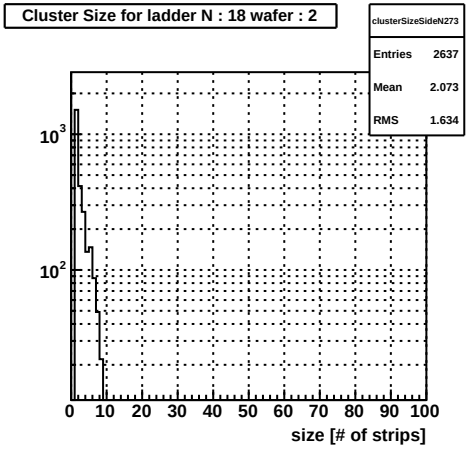

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3643
Mean 1.612
RMS 0.9062
size [# of strips]

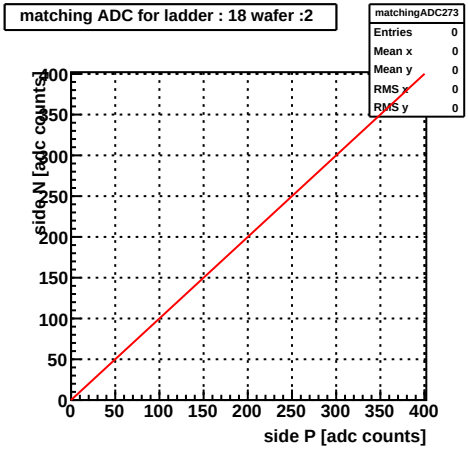

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 63
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

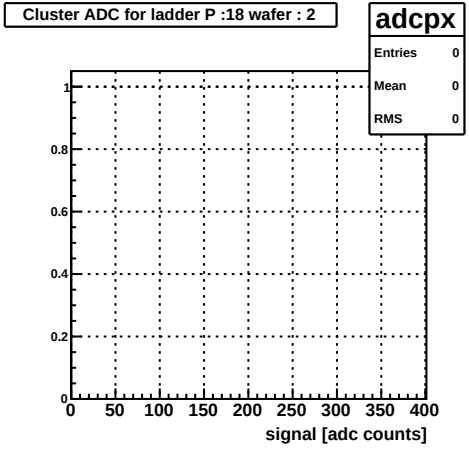

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 641
Mean 67.45
RMS 67.02
signal [adc counts]

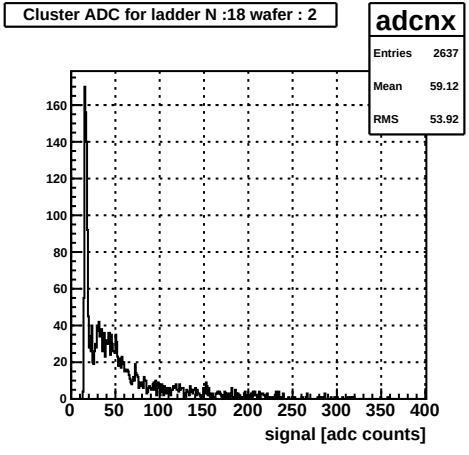

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3643
Mean 38.67
RMS 35.39
signal [adc counts]

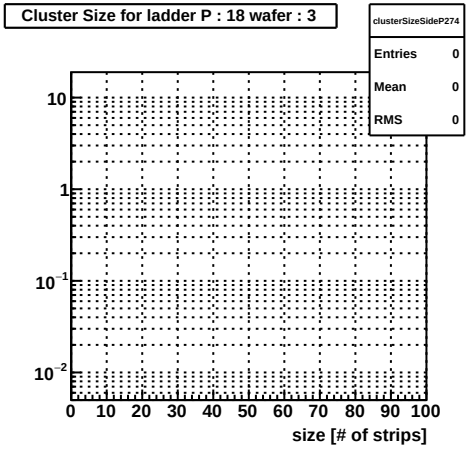

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

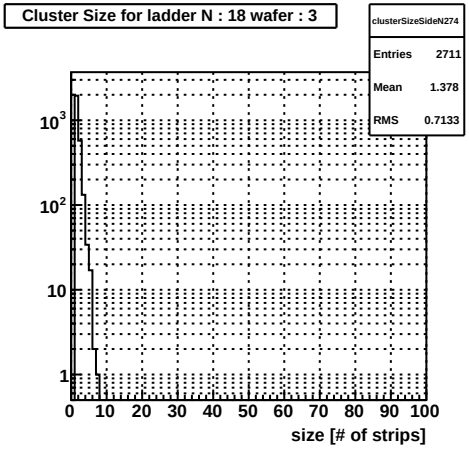

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2637
Mean 2.073
RMS 1.634
size [# of strips]

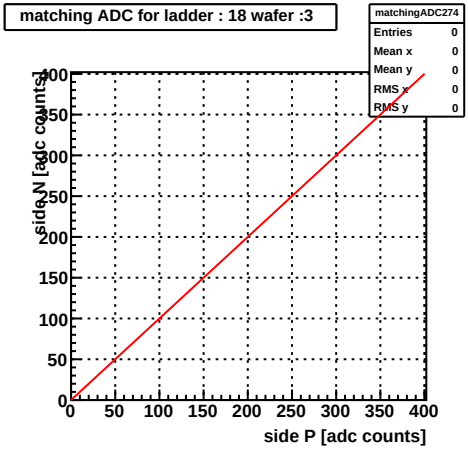

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

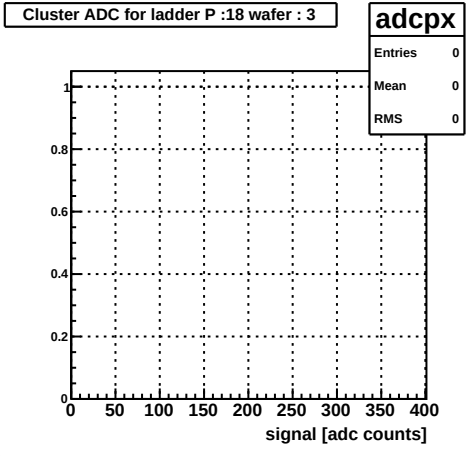

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

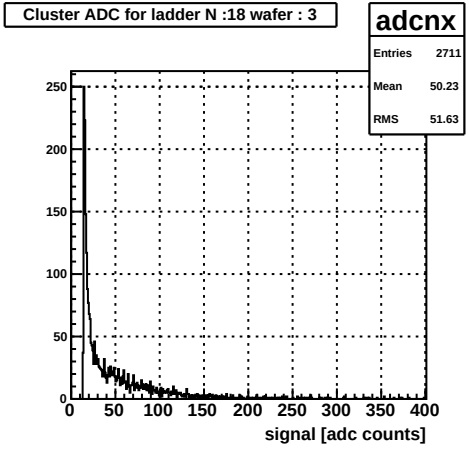

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2637
Mean 59.12
RMS 53.92
signal [adc counts]

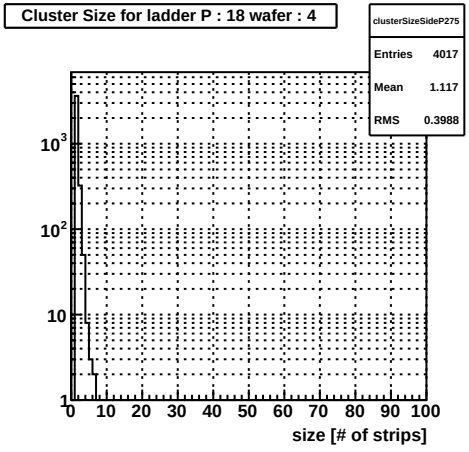

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

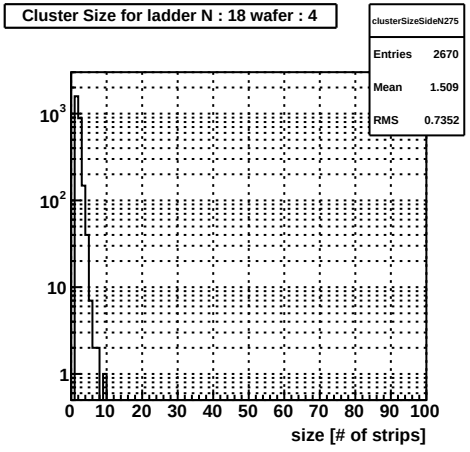

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2711
Mean 1.378
RMS 0.7133
size [# of strips]

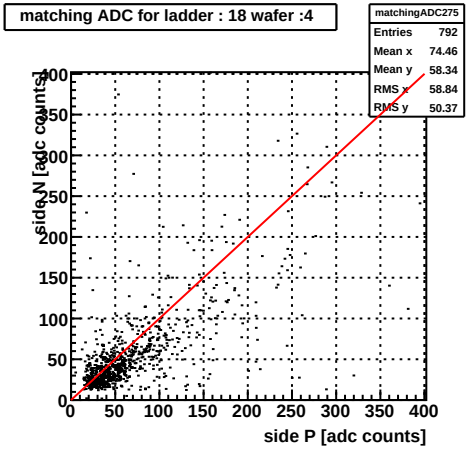

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

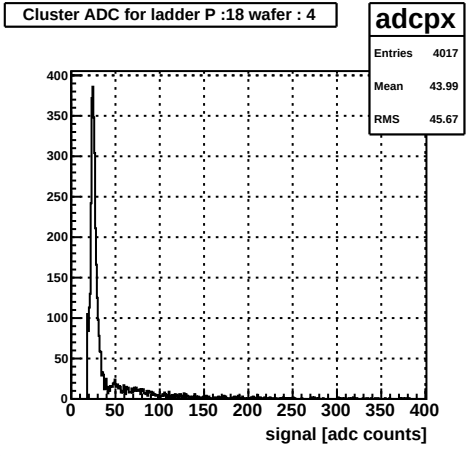

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

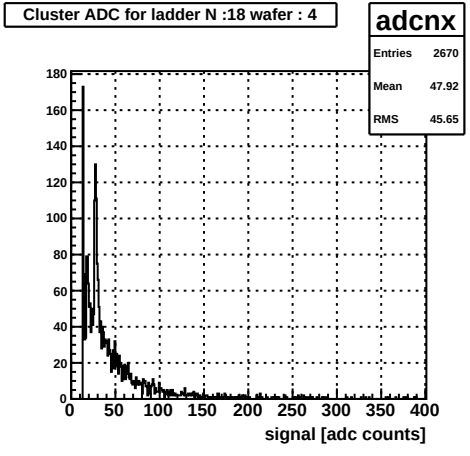

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2711
Mean 50.23
RMS 51.63
signal [adc counts]

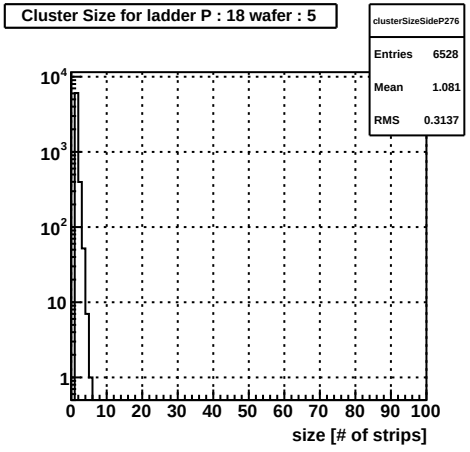

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4017
Mean 1.117
RMS 0.3988
size [# of strips]

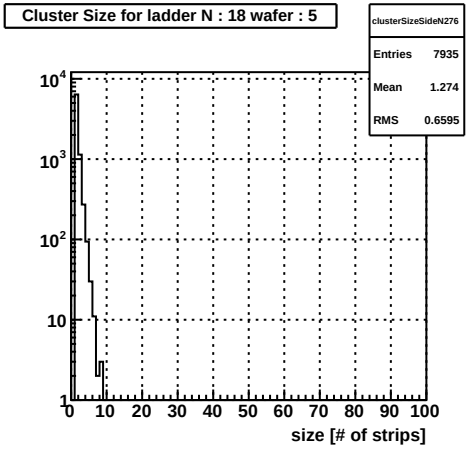

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2670
Mean 1.509
RMS 0.7352
size [# of strips]

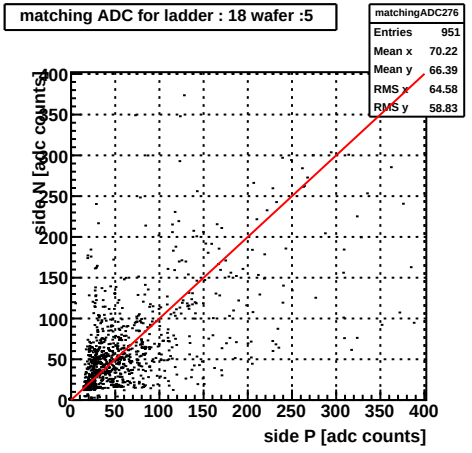

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 792
Mean x 74.46
Mean y 58.34
RMS x 58.84
RMS y 50.37
side N [adc counts]
side P [adc counts]

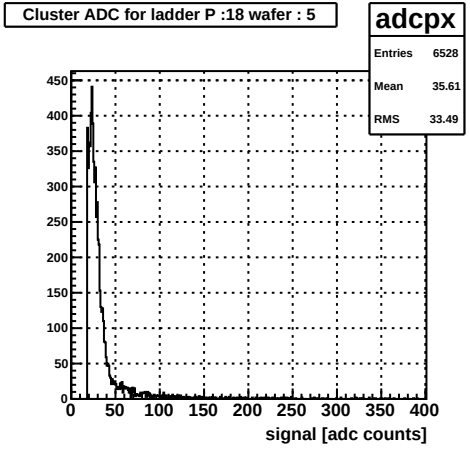

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4017
Mean 43.99
RMS 45.67
signal [adc counts]

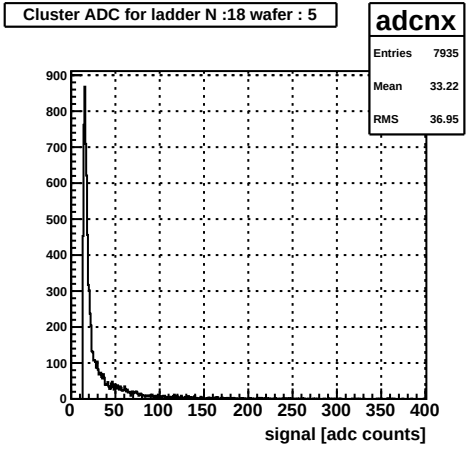

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2670
Mean 47.92
RMS 45.65
signal [adc counts]

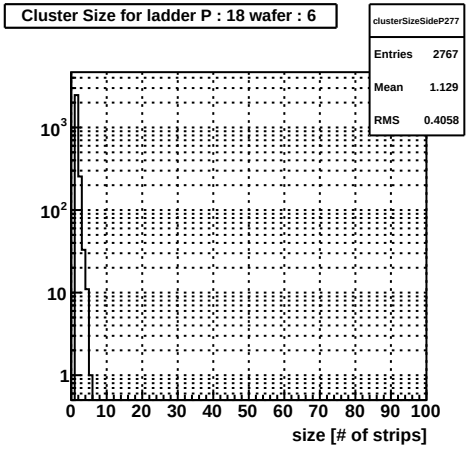

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6528
Mean 1.081
RMS 0.3137
size [# of strips]

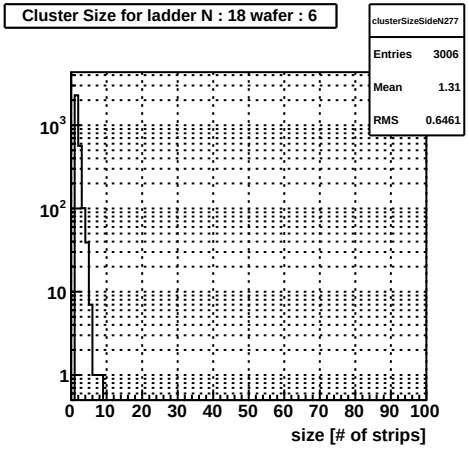

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7935
Mean 1.274
RMS 0.6595
size [# of strips]

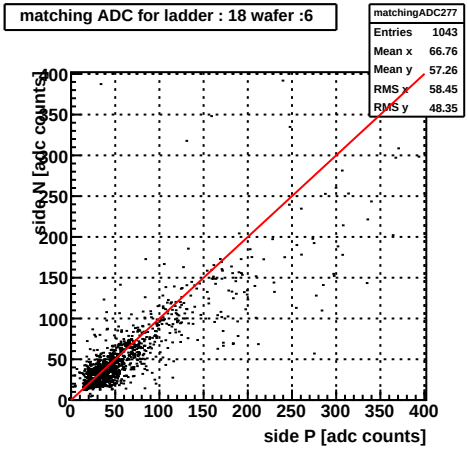

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 951
Mean x 70.22
Mean y 66.39
RMS x 64.58
RMS y 58.83
side N [adc counts]
side P [adc counts]

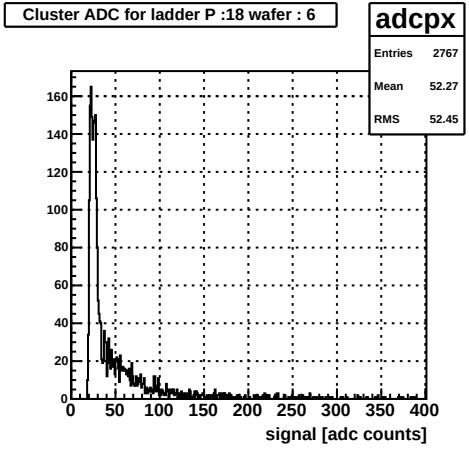

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6528
Mean 35.61
RMS 33.49
signal [adc counts]

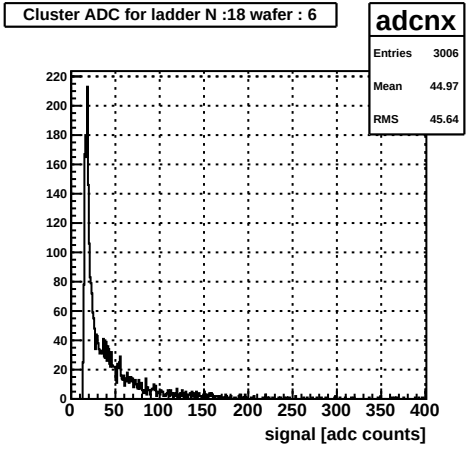

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7935
Mean 33.22
RMS 36.95
signal [adc counts]

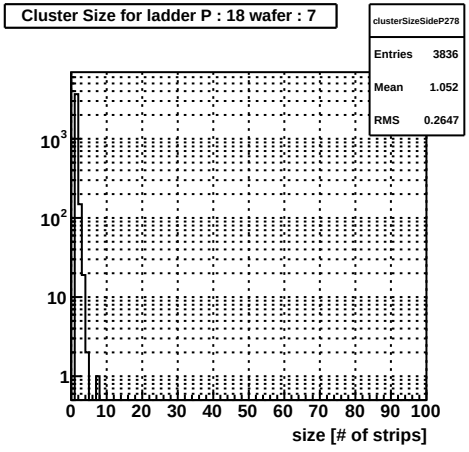

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2767
Mean 1.129
RMS 0.4058
size [# of strips]

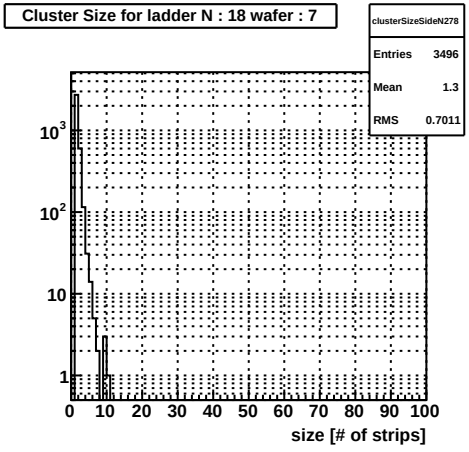

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3006
Mean 1.31
RMS 0.6461
size [# of strips]

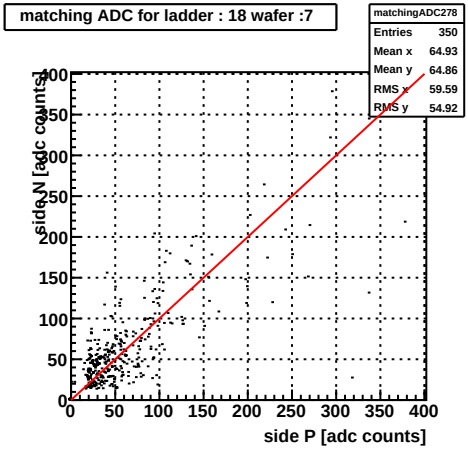

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1043
Mean x 66.76
Mean y 57.26
RMS x 58.45
RMS y 48.35
side N [adc counts]
side P [adc counts]

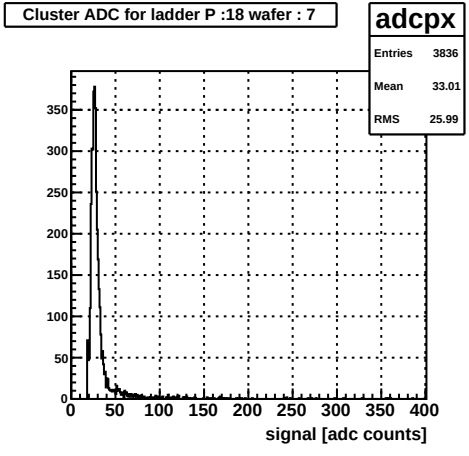

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2767
Mean 52.27
RMS 52.45
signal [adc counts]

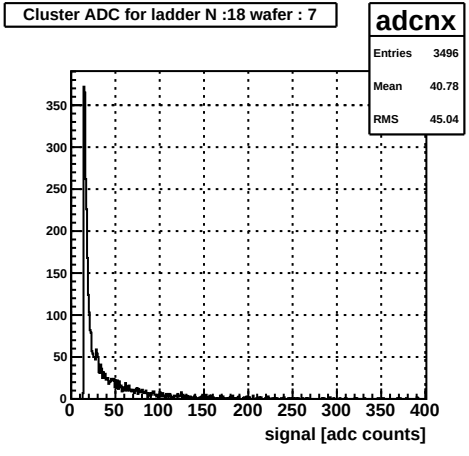

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3006
Mean 44.97
RMS 45.64
signal [adc counts]

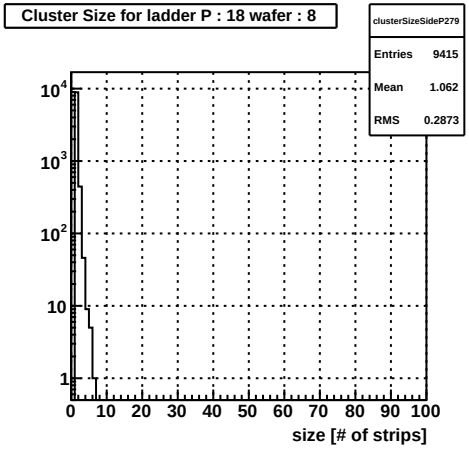

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3836
Mean 1.052
RMS 0.2647
size [# of strips]

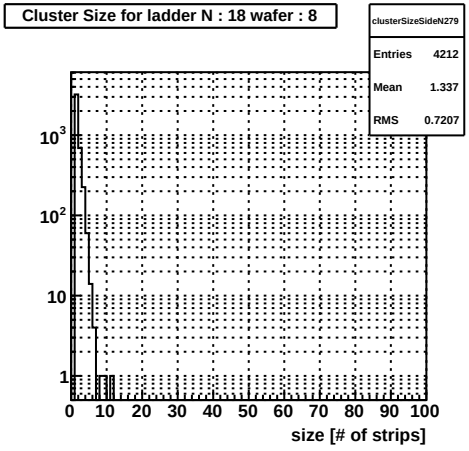

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3496
Mean 1.3
RMS 0.7011
size [# of strips]

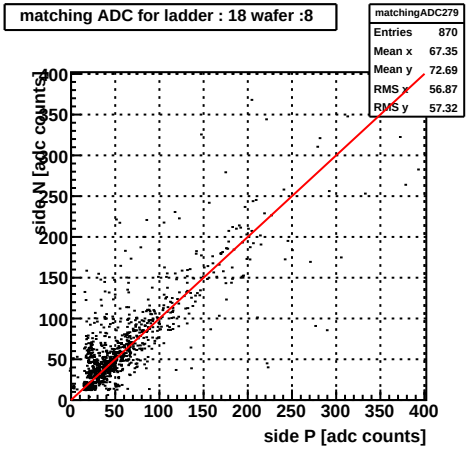

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 350
Mean x 64.93
Mean y 64.86
RMS x 59.59
RMS y 54.92
side N [adc counts]
side P [adc counts]

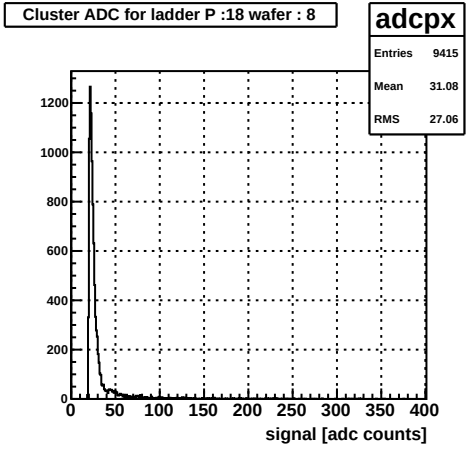

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3836
Mean 33.01
RMS 25.99
signal [adc counts]

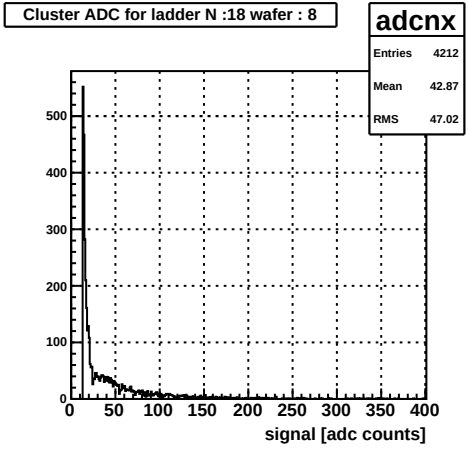

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3496
Mean 40.78
RMS 45.04
signal [adc counts]

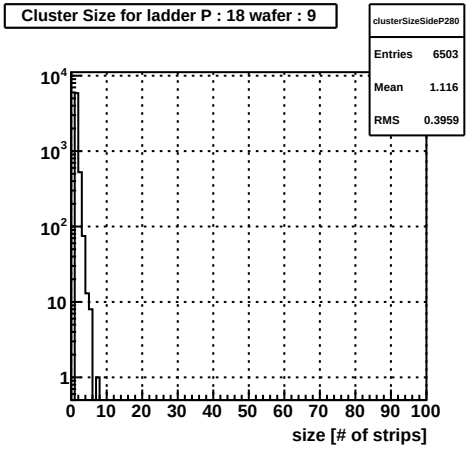

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 9415
Mean 1.062
RMS 0.2873
size [# of strips]

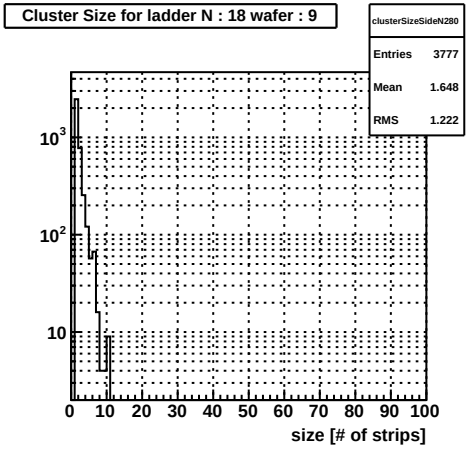

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4212
Mean 1.337
RMS 0.7207
size [# of strips]

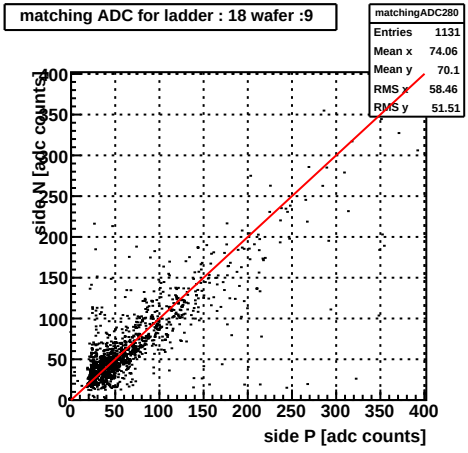

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 870
Mean x 67.35
Mean y 72.69
RMS x 56.87
RMS y 57.32
side N [adc counts]
side P [adc counts]

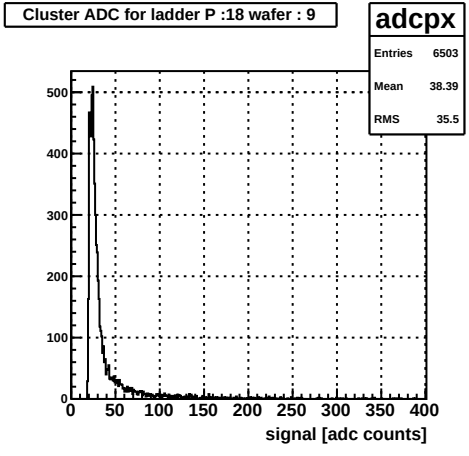

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 9415
Mean 31.08
RMS 27.06
signal [adc counts]

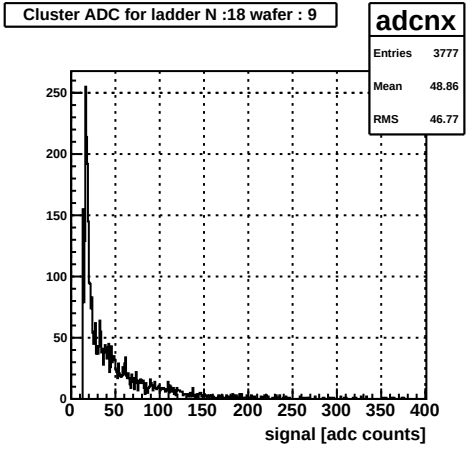

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4212
Mean 42.87
RMS 47.02
signal [adc counts]

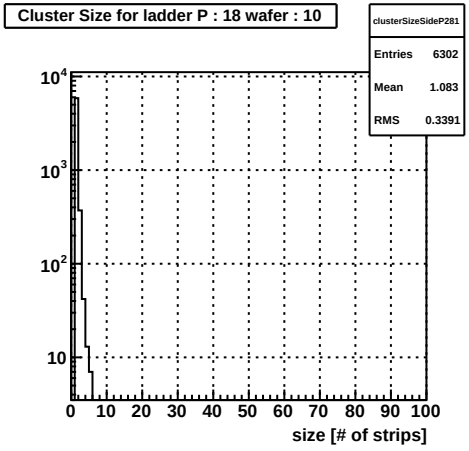

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6503
Mean 1.116
RMS 0.3959
size [# of strips]

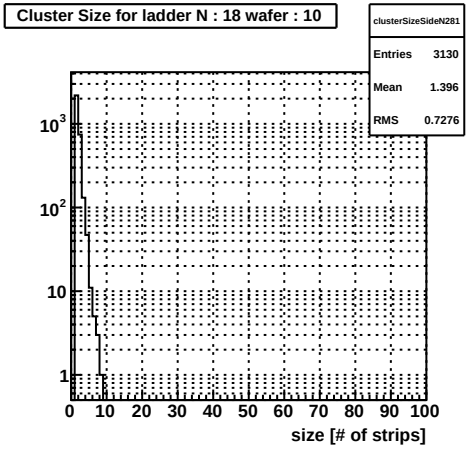

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3777
Mean 1.648
RMS 1.222
size [# of strips]

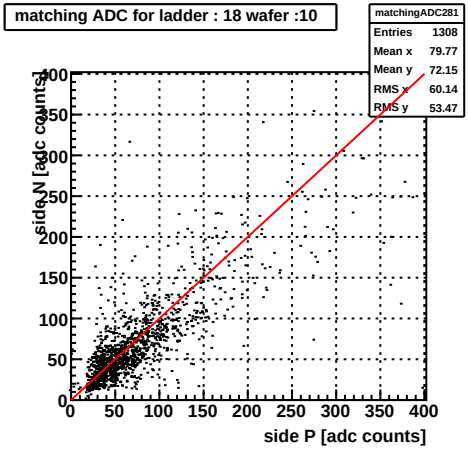

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1131
Mean x 74.06
Mean y 70.1
RMS x 58.46
RMS y 51.51
side N [adc counts]
side P [adc counts]

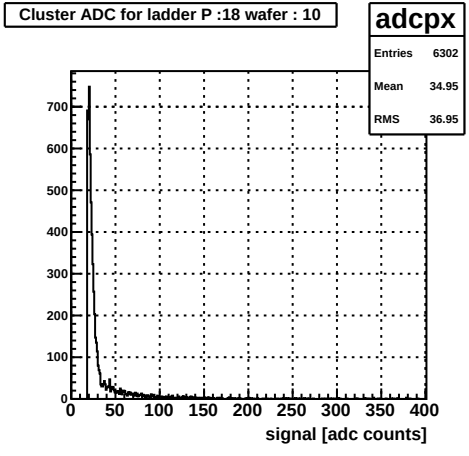

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6503
Mean 38.39
RMS 35.5
signal [adc counts]

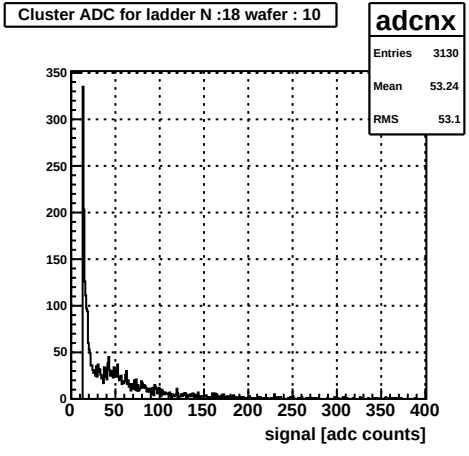

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3777
Mean 48.86
RMS 46.77
signal [adc counts]

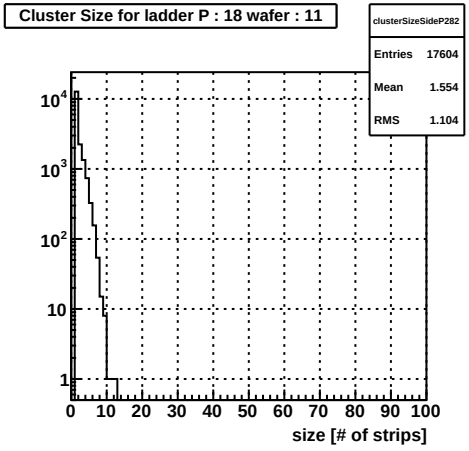

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6302
Mean 1.083
RMS 0.3391
size [# of strips]

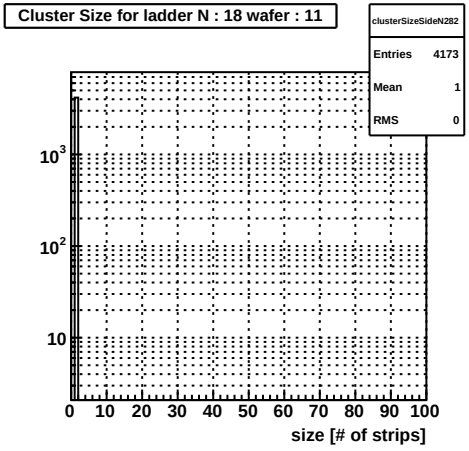

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3130
Mean 1.396
RMS 0.7276
size [# of strips]

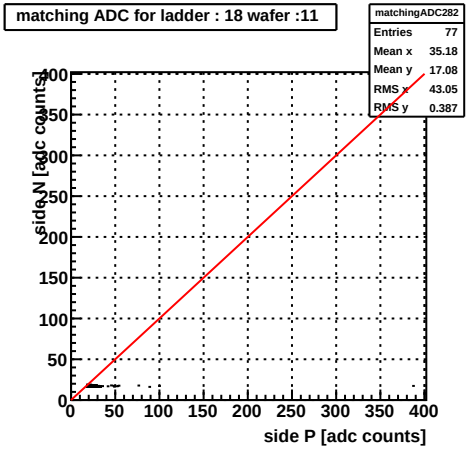

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1308
Mean x 79.77
Mean y 72.15
RMS x 60.14
RMS y 53.47
side N [adc counts]
side P [adc counts]

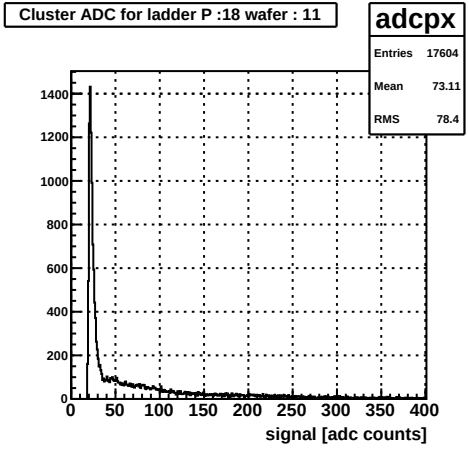

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6302
Mean 34.95
RMS 36.95
signal [adc counts]

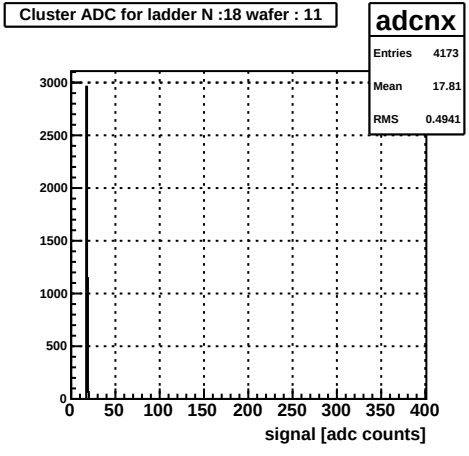

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3130
Mean 53.24
RMS 53.1
signal [adc counts]

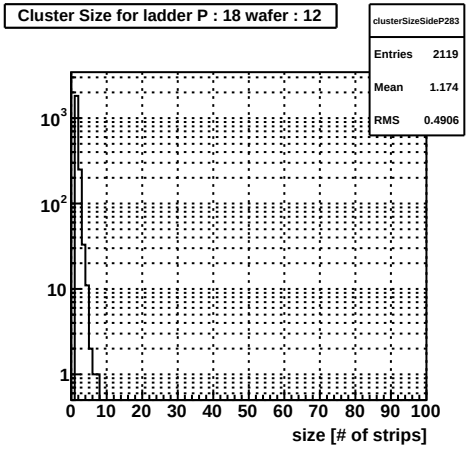

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 17604
Mean 1.554
RMS 1.104
size [# of strips]

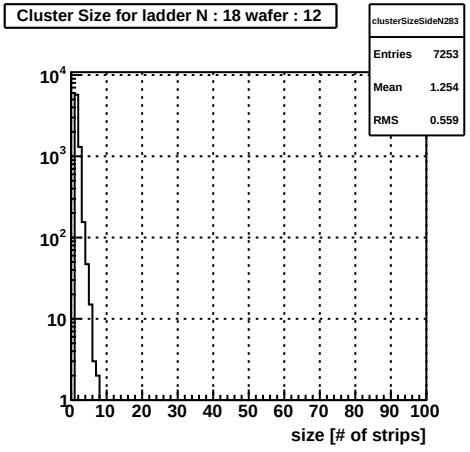

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4173
Mean 1
RMS 0
size [# of strips]

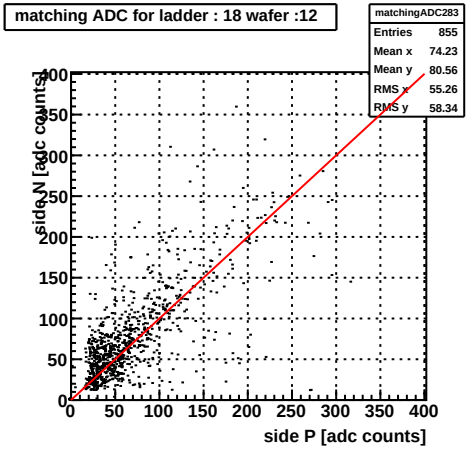

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 77
Mean x 35.18
Mean y 17.08
RMS x 43.05
RMS y 0.387
side N [adc counts]
side P [adc counts]

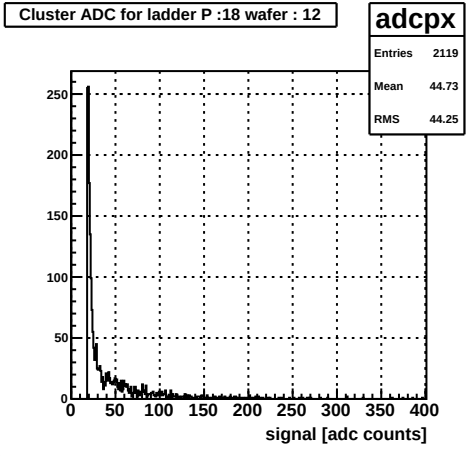

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 17604
Mean 73.11
RMS 78.4
signal [adc counts]

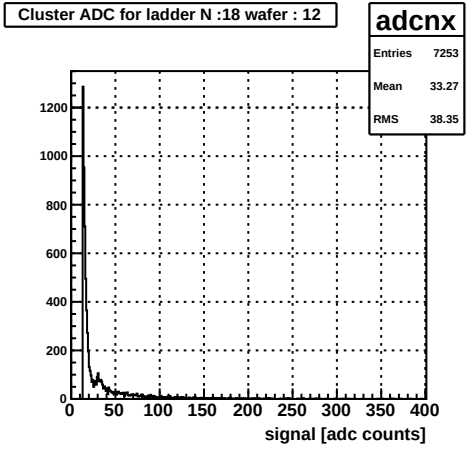

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4173
Mean 17.81
RMS 0.4941
signal [adc counts]

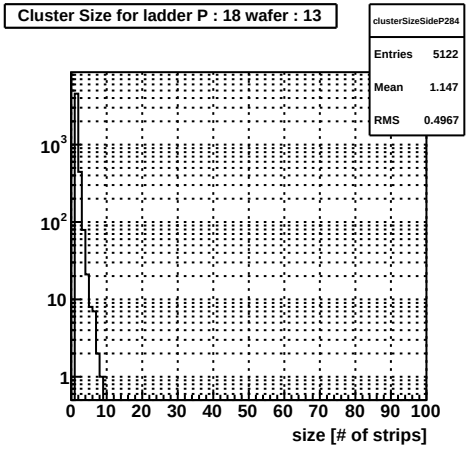

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2119
Mean 1.174
RMS 0.4906
size [# of strips]

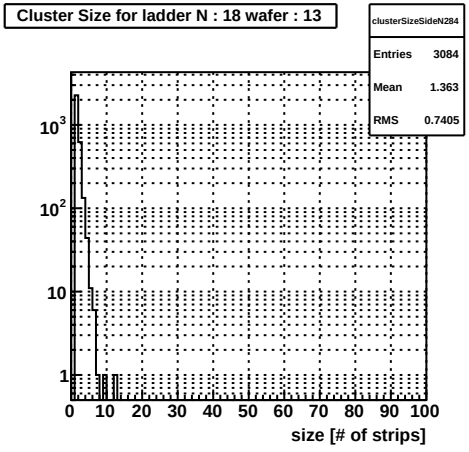

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7253
Mean 1.254
RMS 0.559
size [# of strips]

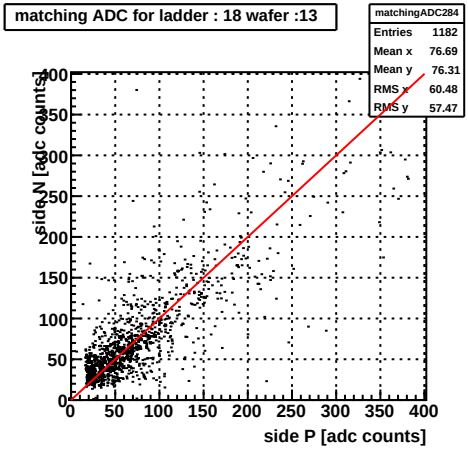

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 855
Mean x 74.23
Mean y 80.56
RMS x 55.26
RMS y 58.34
side N [adc counts]
side P [adc counts]

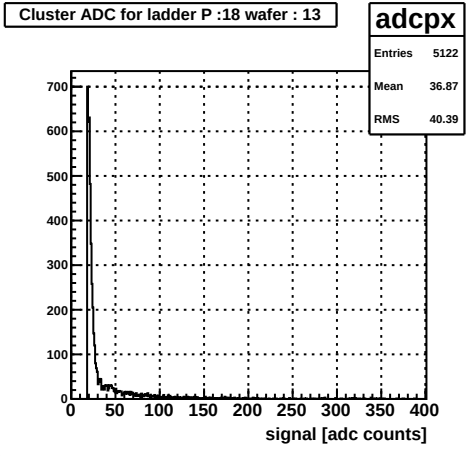

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2119
Mean 44.73
RMS 44.25
signal [adc counts]

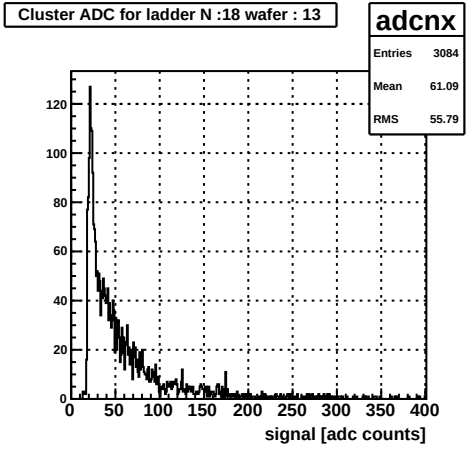

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7253
Mean 33.27
RMS 38.35
signal [adc counts]

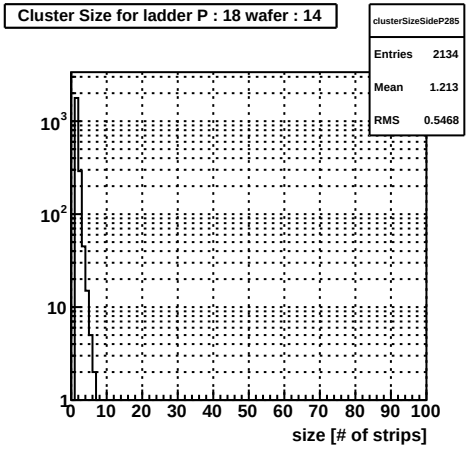

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5122
Mean 1.147
RMS 0.4967
size [# of strips]

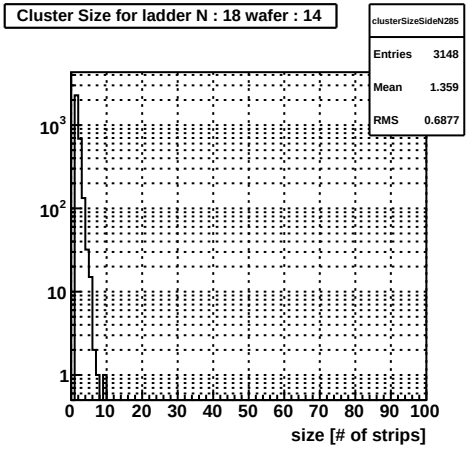

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3084
Mean 1.363
RMS 0.7405
size [# of strips]

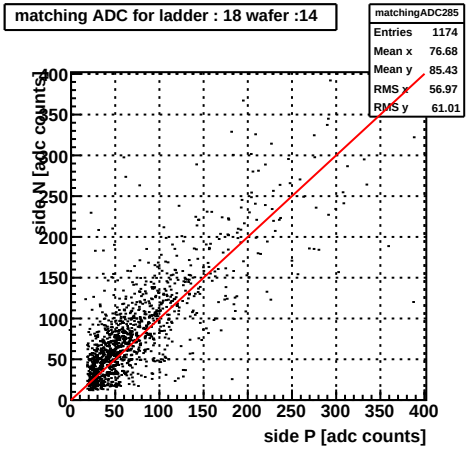

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1182
Mean x 76.69
Mean y 76.31
RMS x 60.48
RMS y 57.47
side N [adc counts]
side P [adc counts]

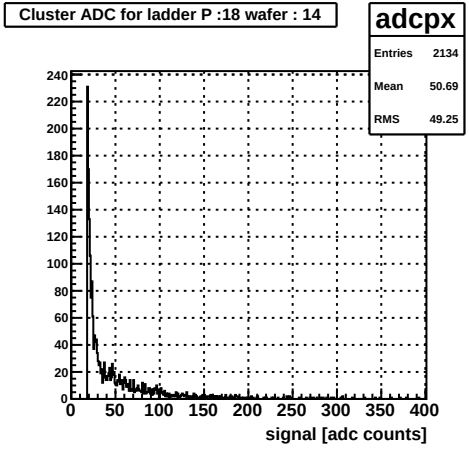

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5122
Mean 36.87
RMS 40.39
signal [adc counts]

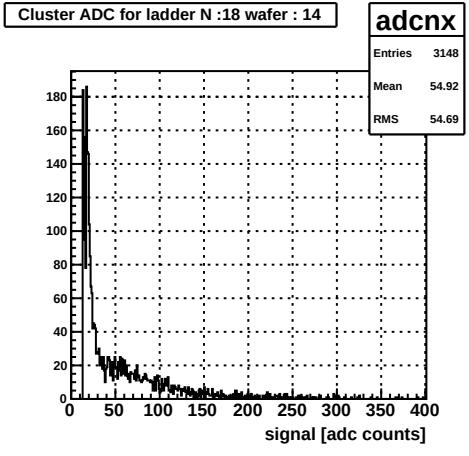

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3084
Mean 61.09
RMS 55.79
signal [adc counts]

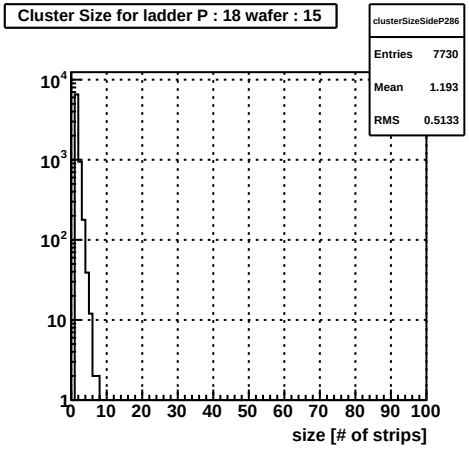

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2134
Mean 1.213
RMS 0.5468
size [# of strips]

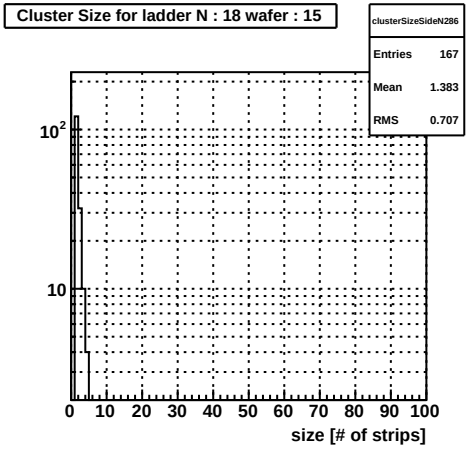

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3148
Mean 1.359
RMS 0.6877
size [# of strips]

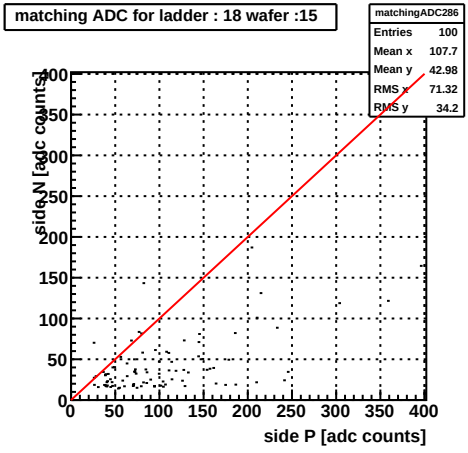

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1174
Mean x 76.68
Mean y 85.43
RMS x 56.97
RMS y 61.01
side N [adc counts]
side P [adc counts]

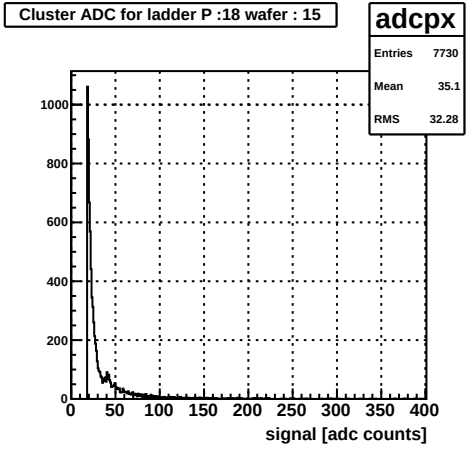

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2134
Mean 50.69
RMS 49.25
signal [adc counts]

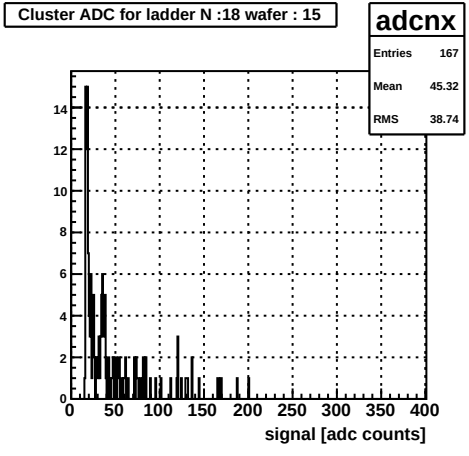

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3148
Mean 54.92
RMS 54.69
signal [adc counts]

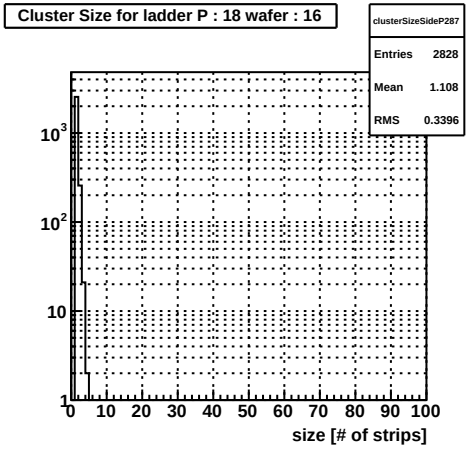

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7730
Mean 1.193
RMS 0.5133
size [# of strips]

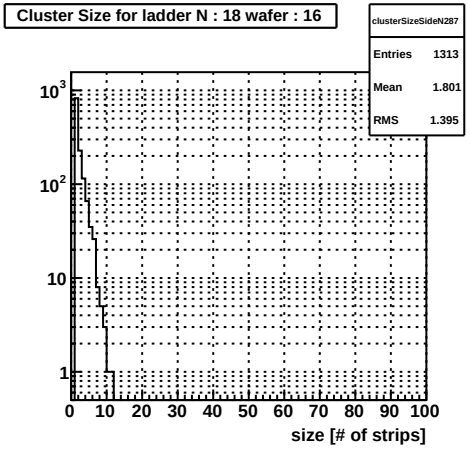

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 167
Mean 1.383
RMS 0.707
size [# of strips]

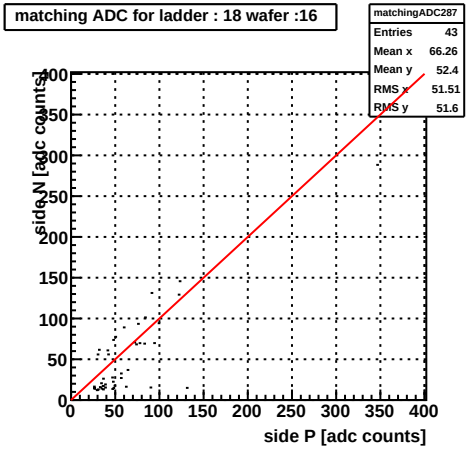

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 100
Mean x 107.7
Mean y 42.98
RMS x 71.32
RMS y 34.2
side N [adc counts]
side P [adc counts]

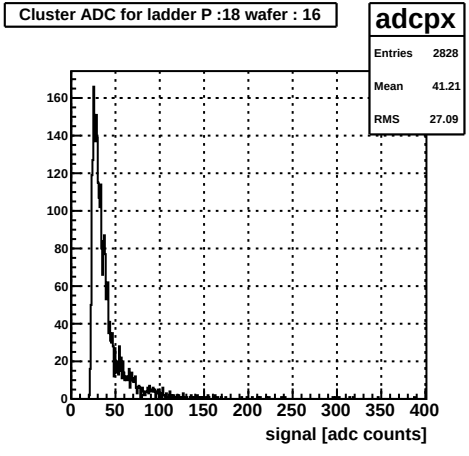

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7730
Mean 35.1
RMS 32.28
signal [adc counts]

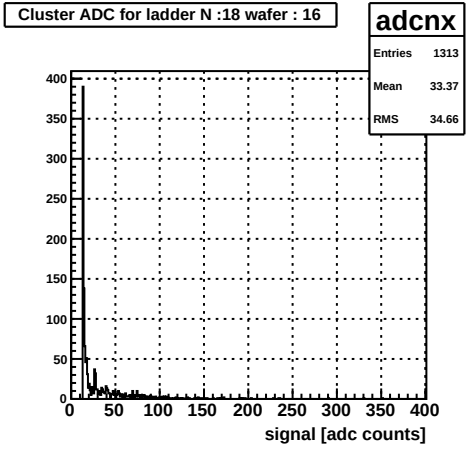

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 167
Mean 45.32
RMS 38.74
signal [adc counts]

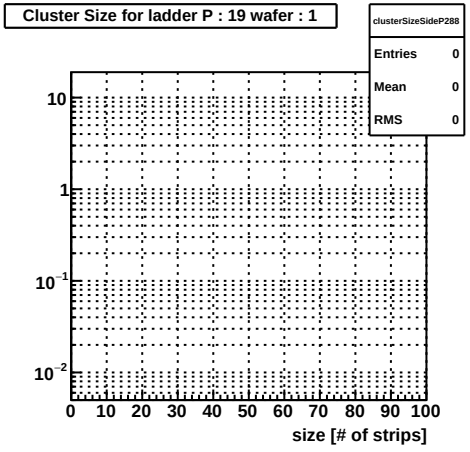

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2828
Mean 1.108
RMS 0.3396
size [# of strips]

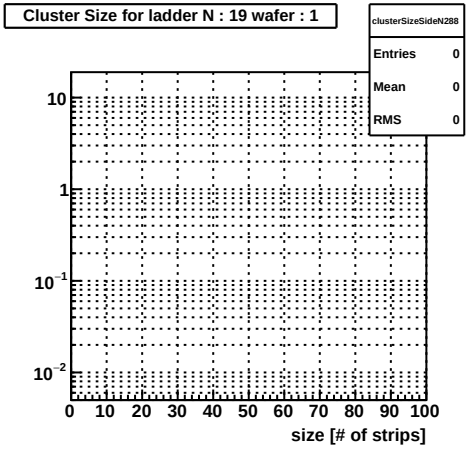

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1313
Mean 1.801
RMS 1.395
size [# of strips]

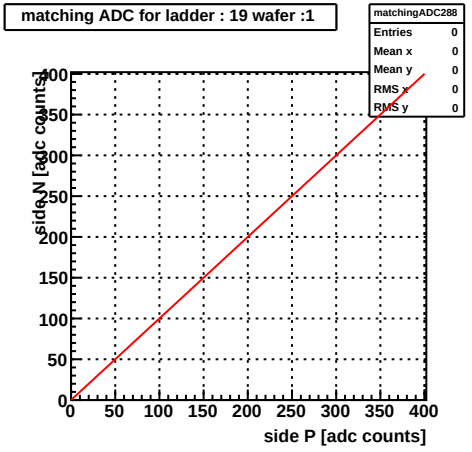

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 43
Mean x 66.26
Mean y 52.4
RMS x 51.51
RMS y 51.6
side N [adc counts]
side P [adc counts]

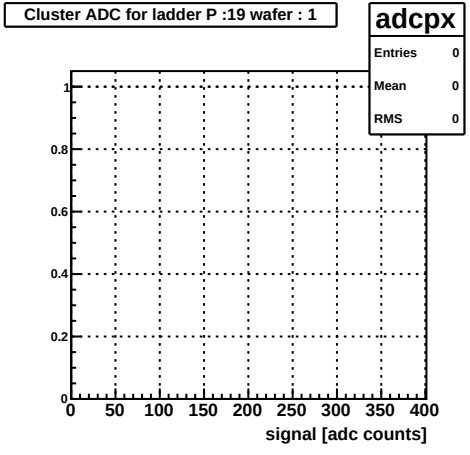

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2828
Mean 41.21
RMS 27.09
signal [adc counts]

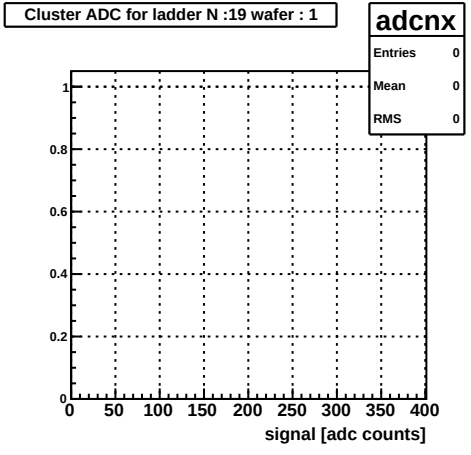

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1313
Mean 33.37
RMS 34.66
signal [adc counts]

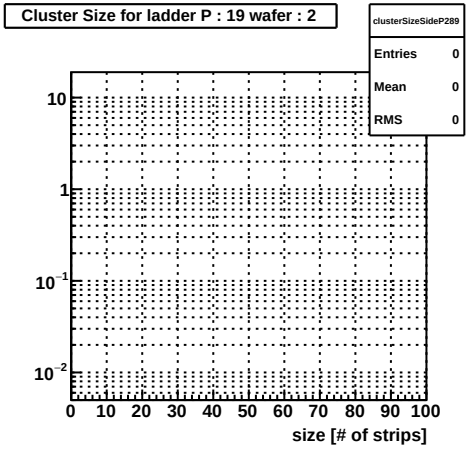

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

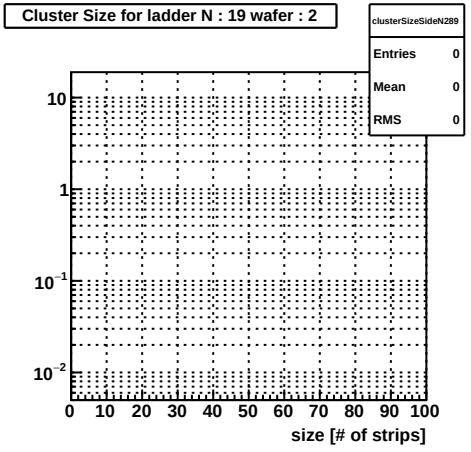

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

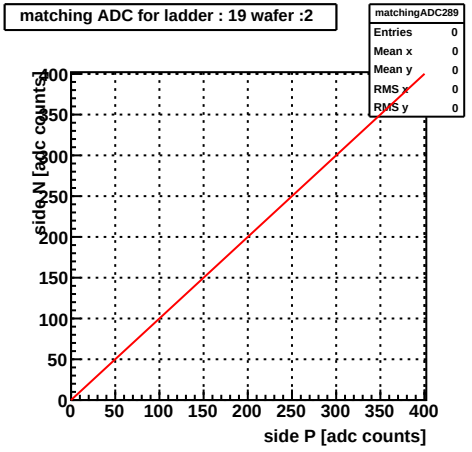

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

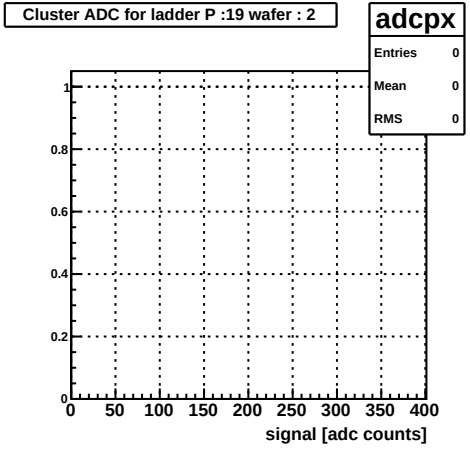

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

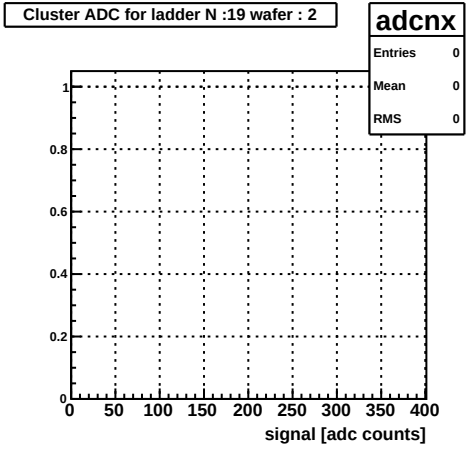

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

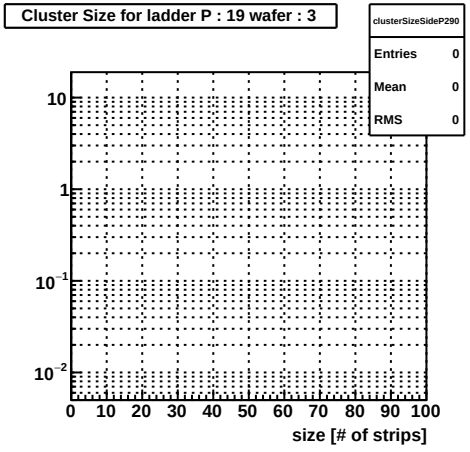

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

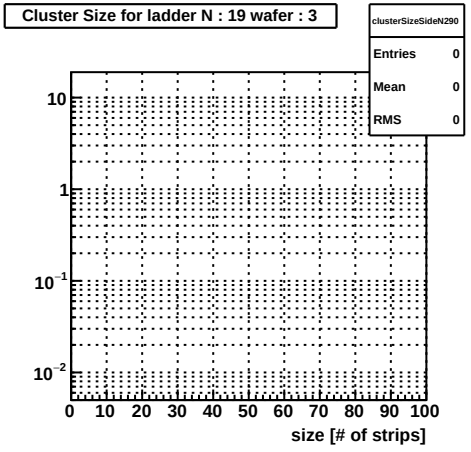

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

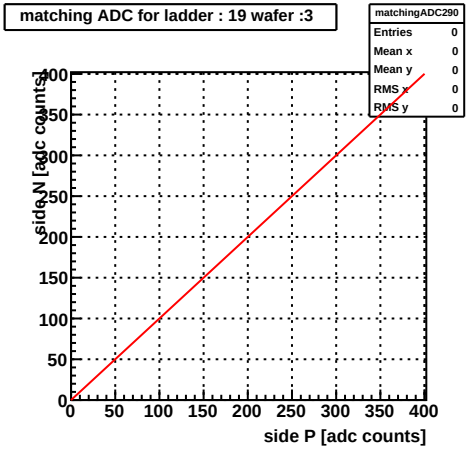

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

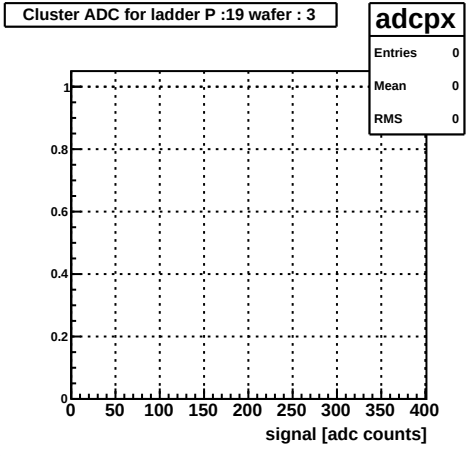

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

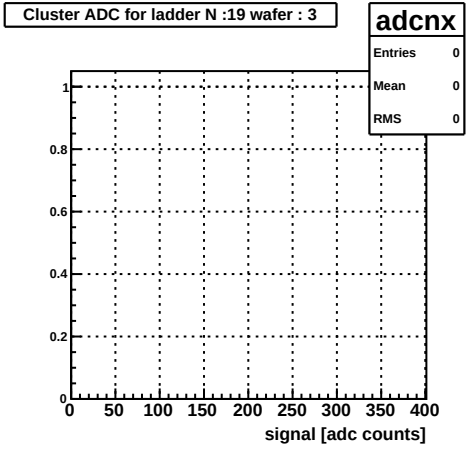

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

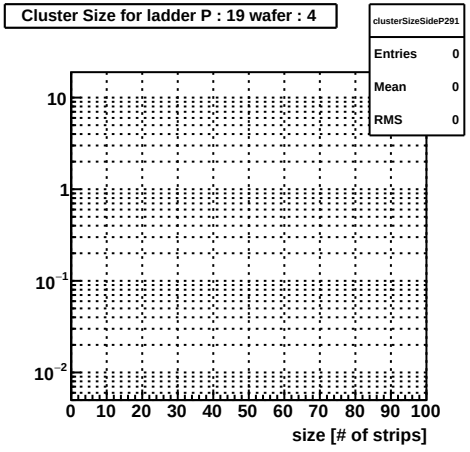

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

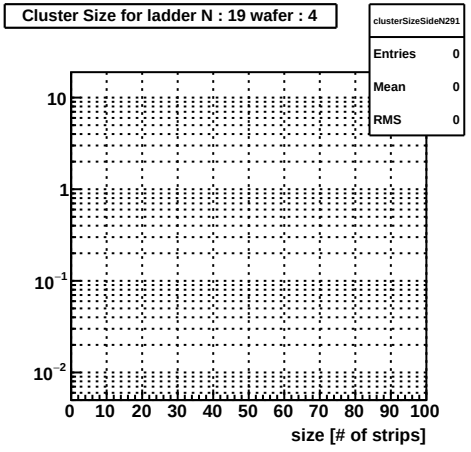

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

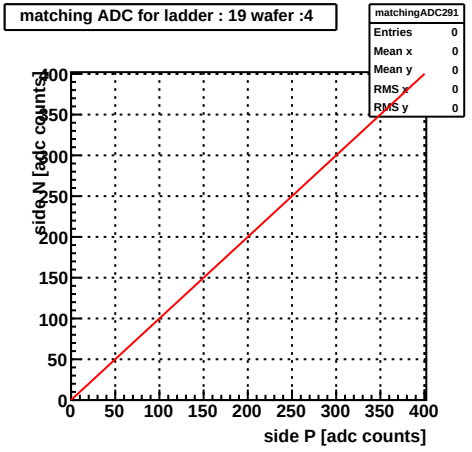

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

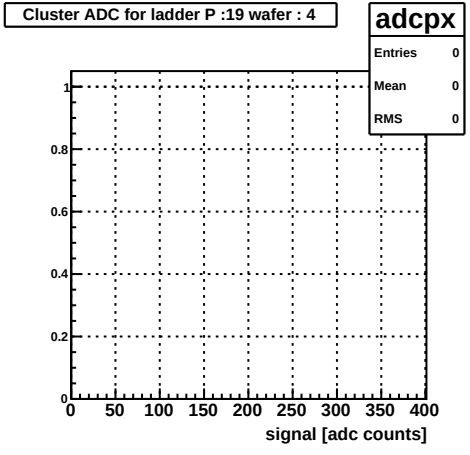

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

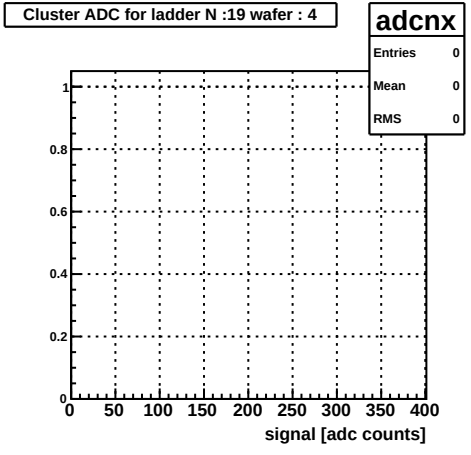

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

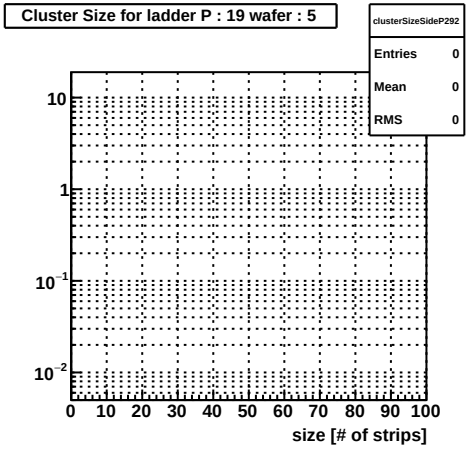

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

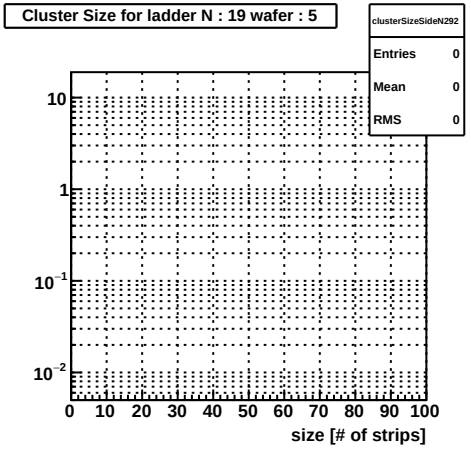

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

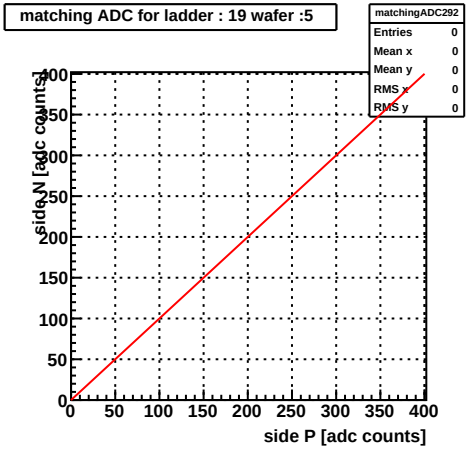

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

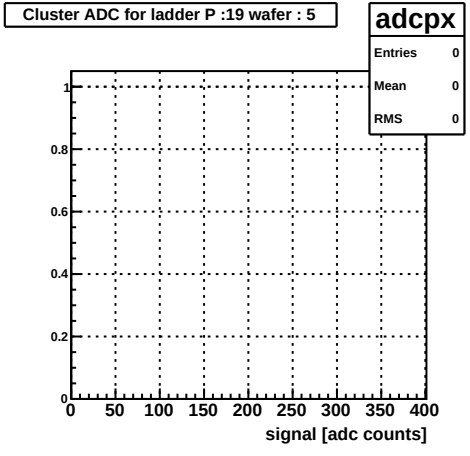

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

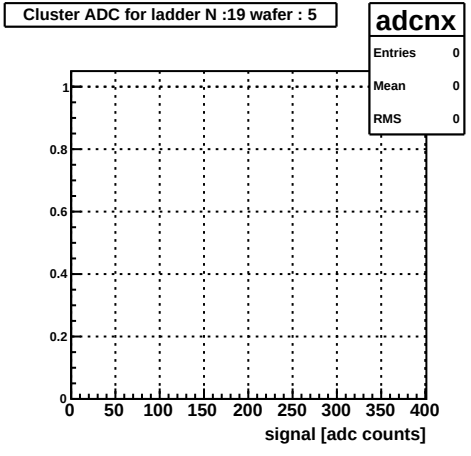

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

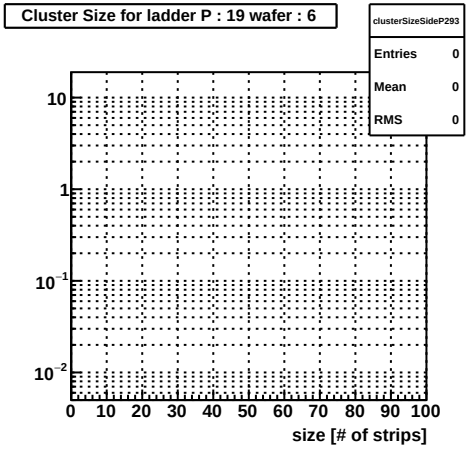

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

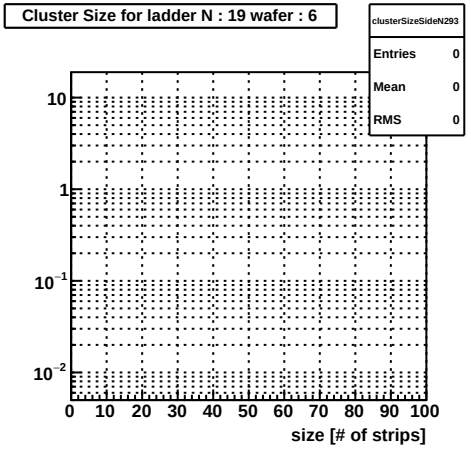

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

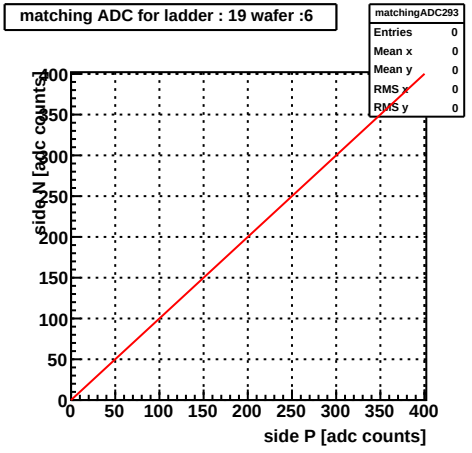

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

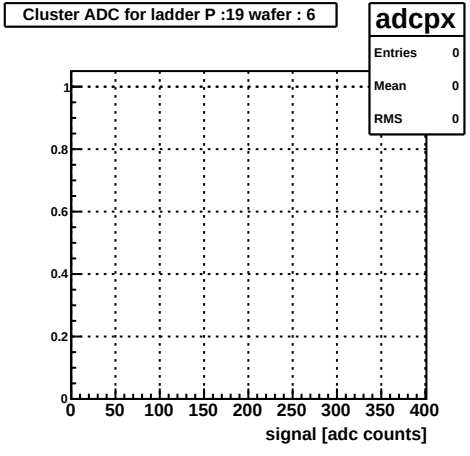

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

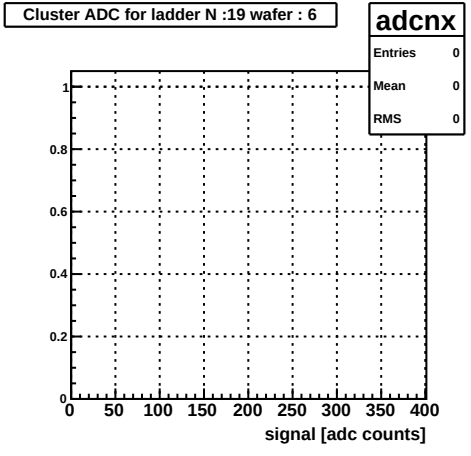

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

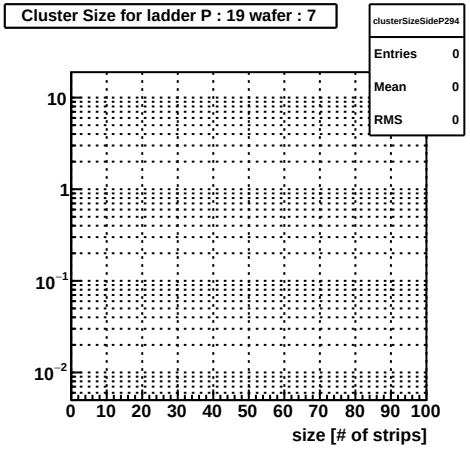

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

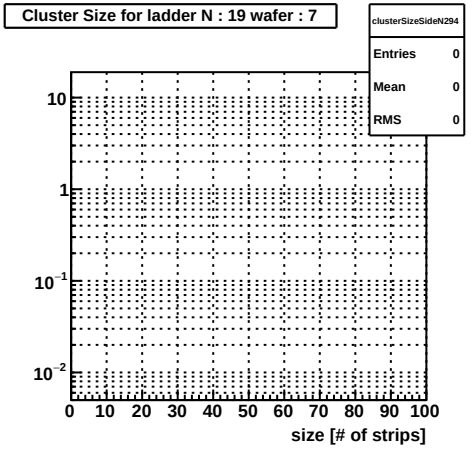

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

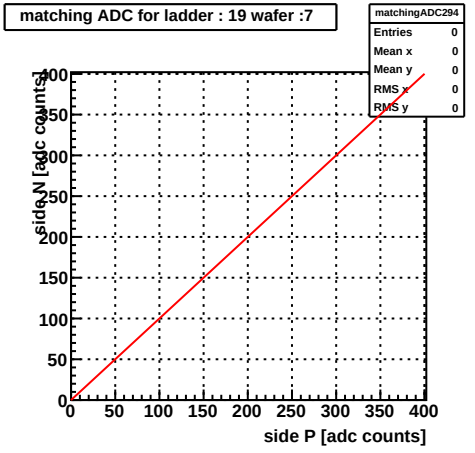

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

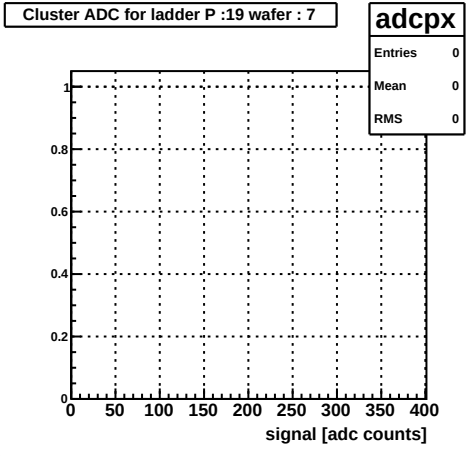

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

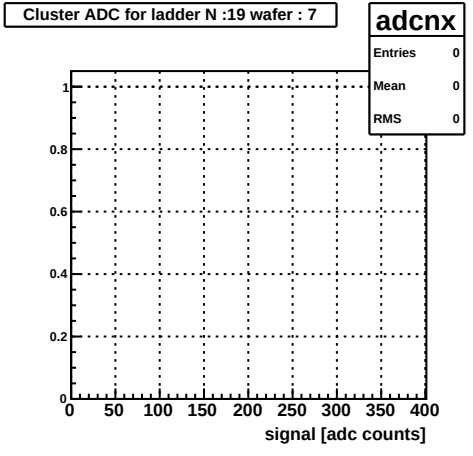

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

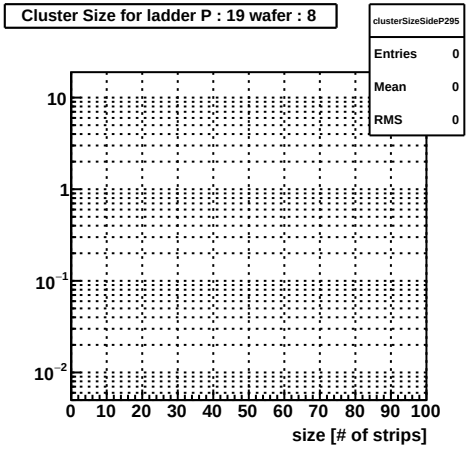

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

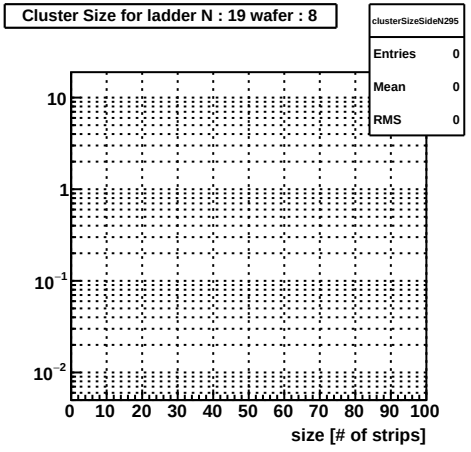

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

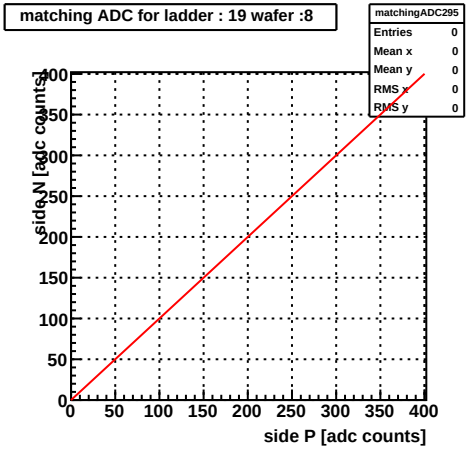

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

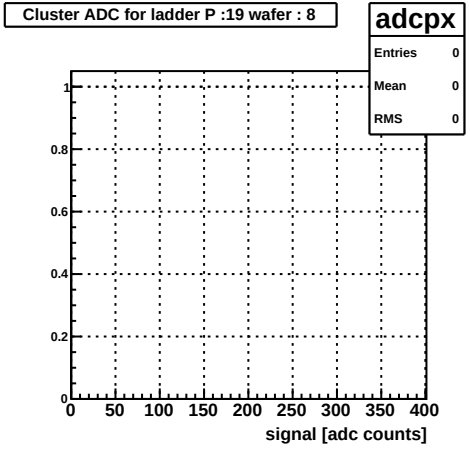

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

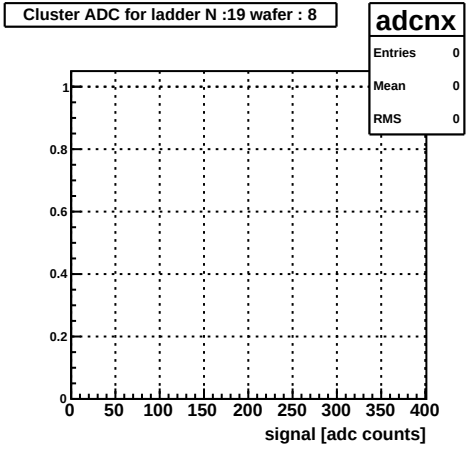

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

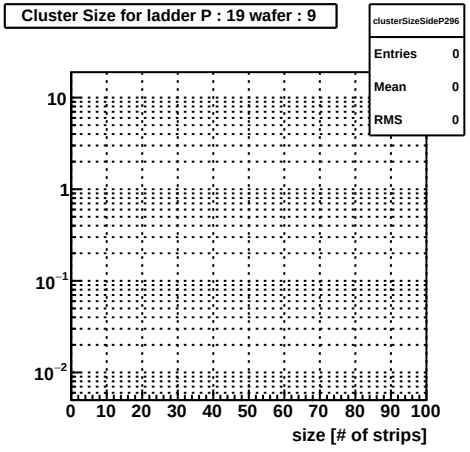

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

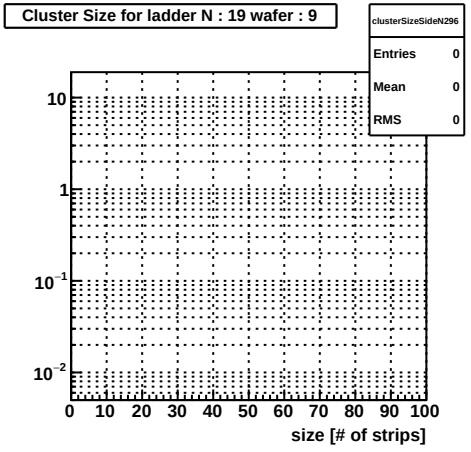

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

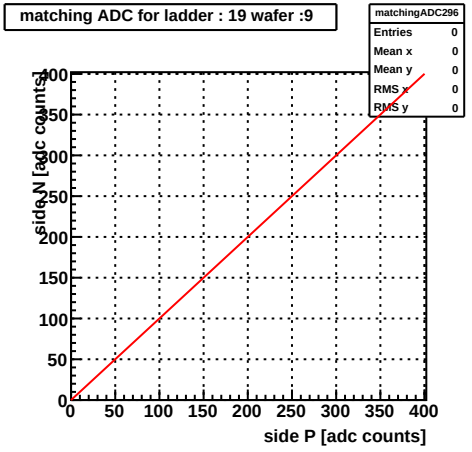

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

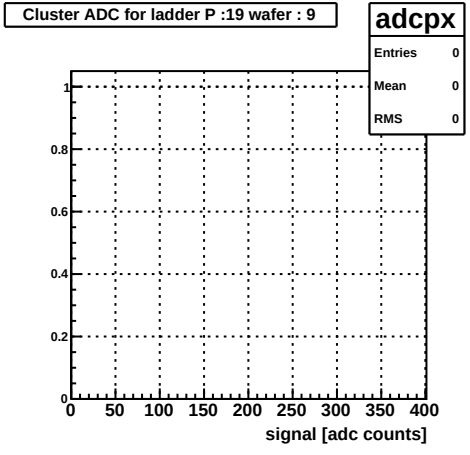

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

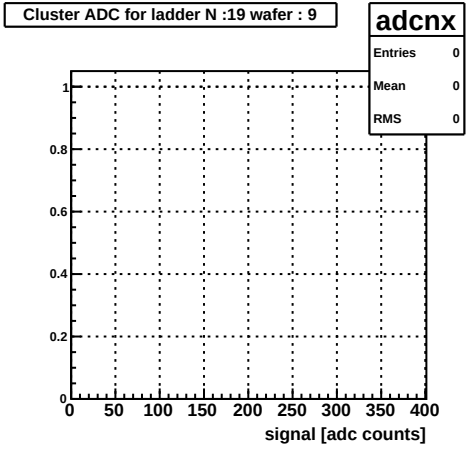

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

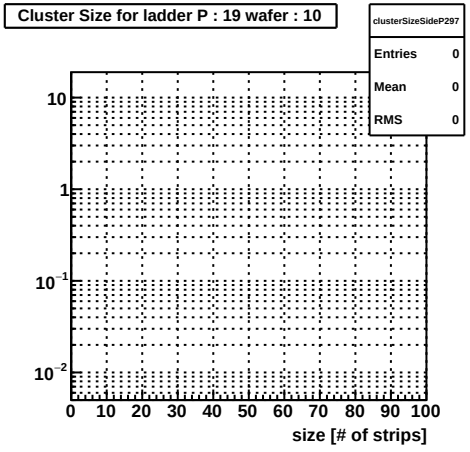

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

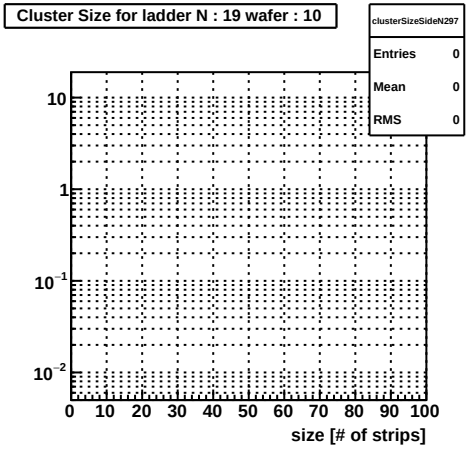

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

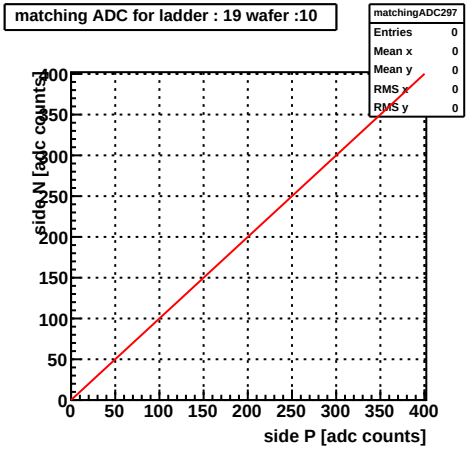

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

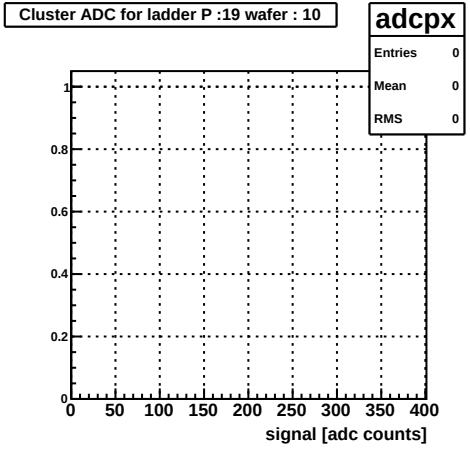

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

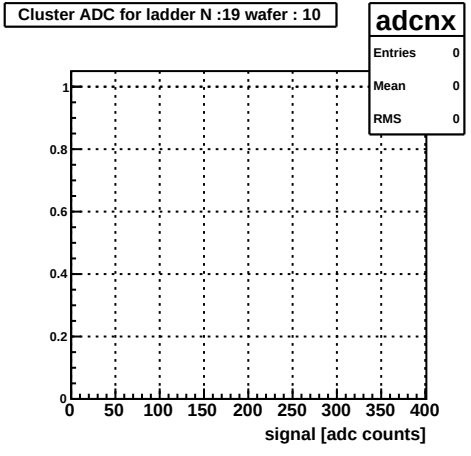

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

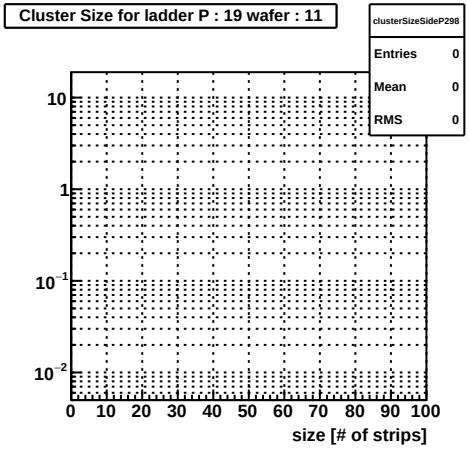

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

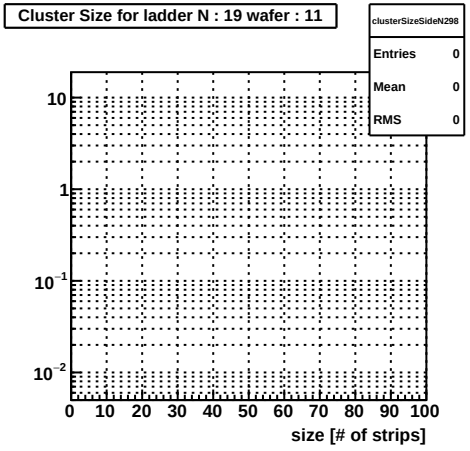

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

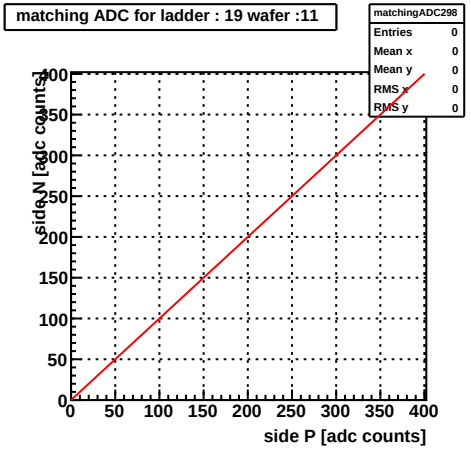

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

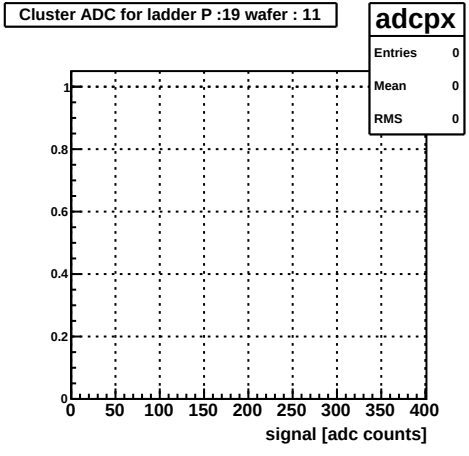

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

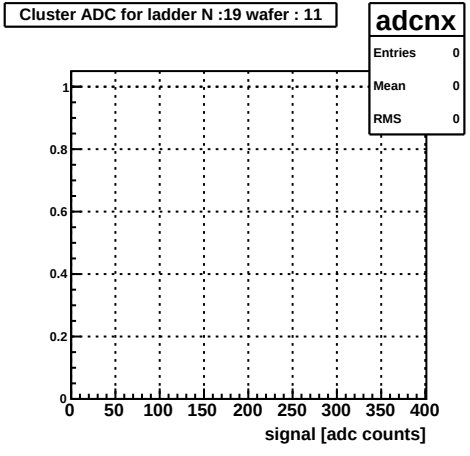

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

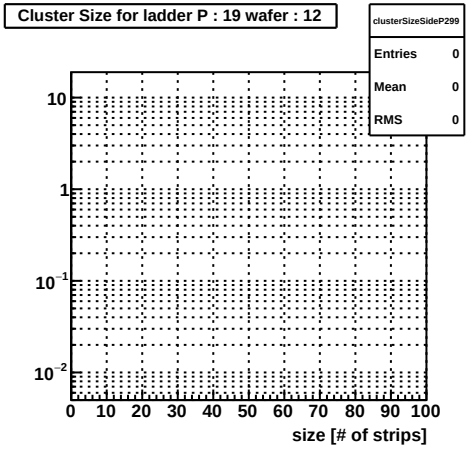

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

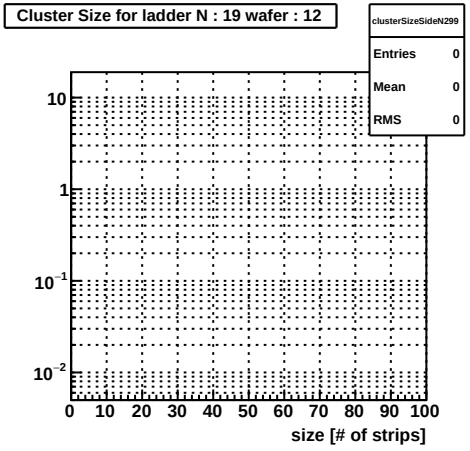

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

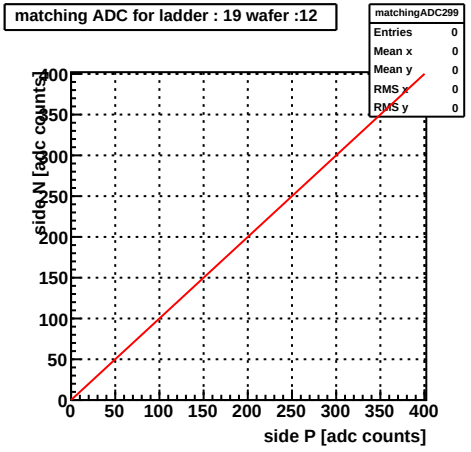

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

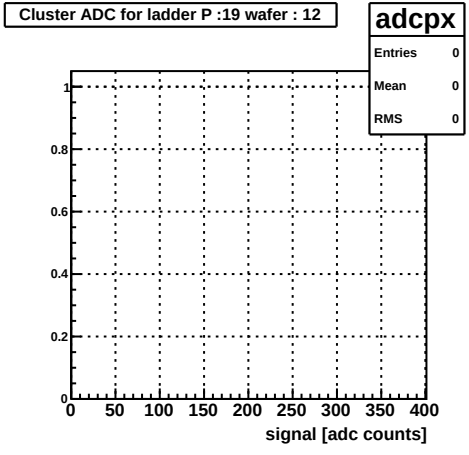

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

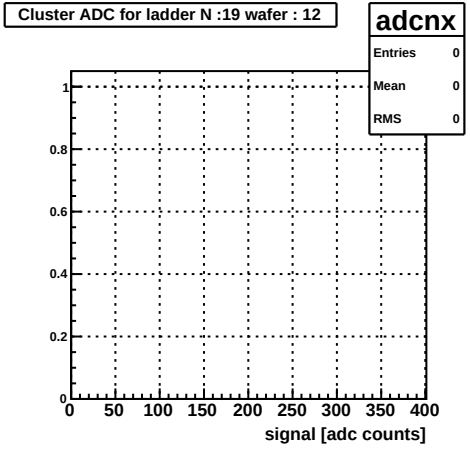

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

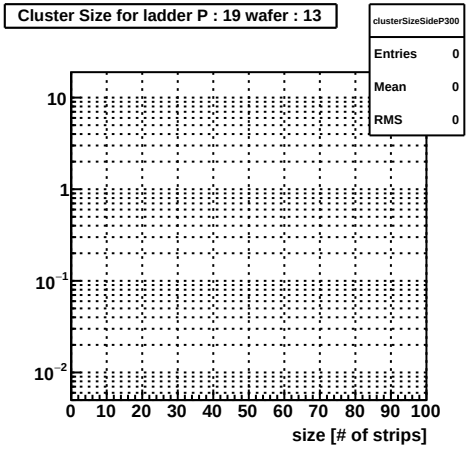

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

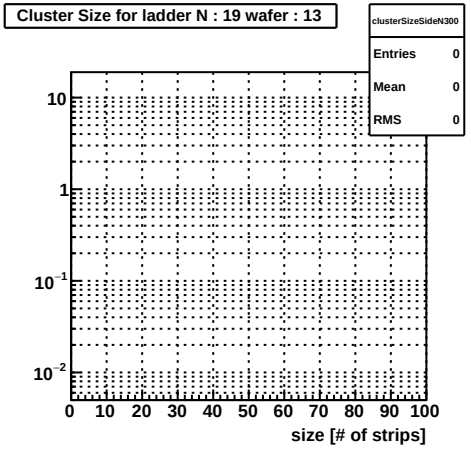

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

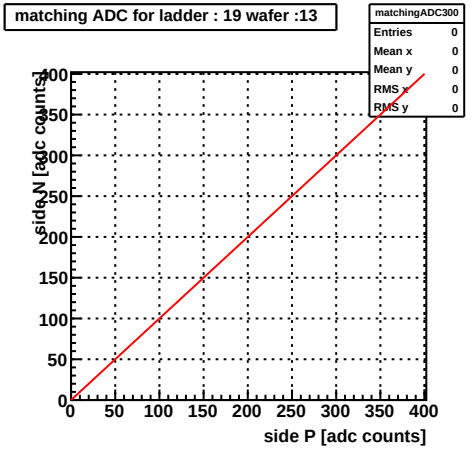

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

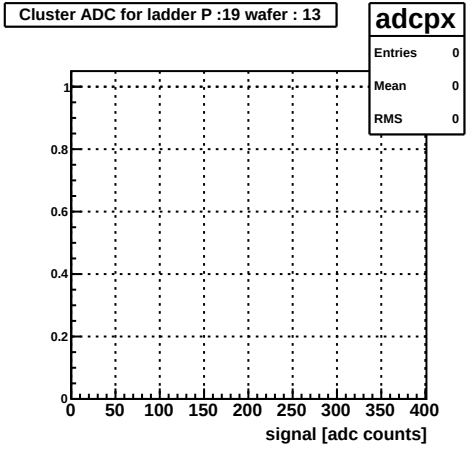

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

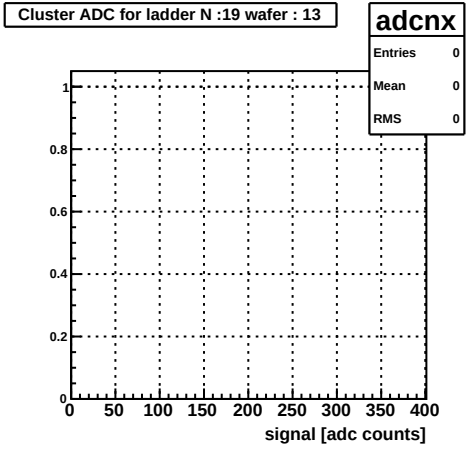

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

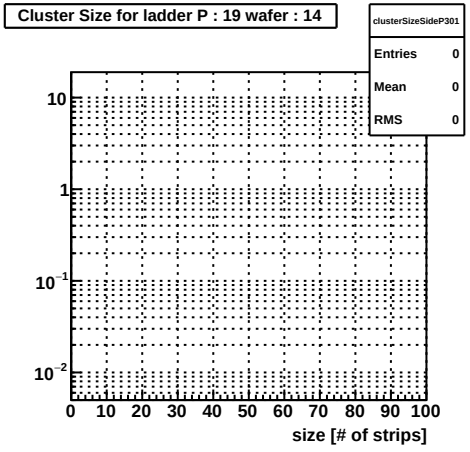

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

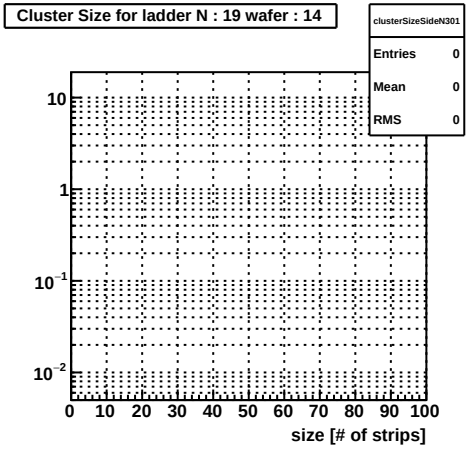

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

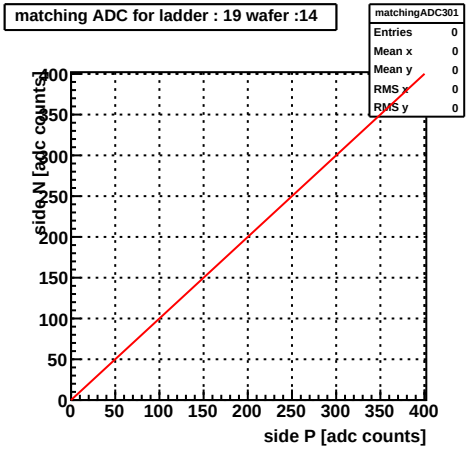

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

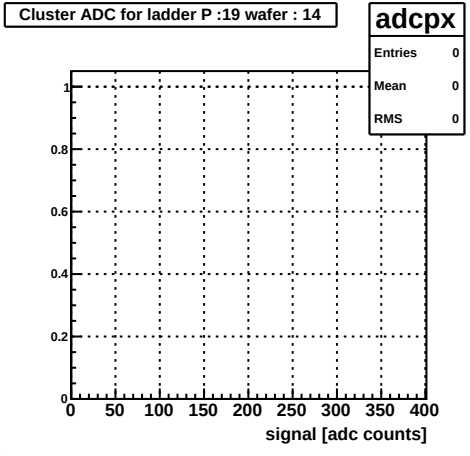

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

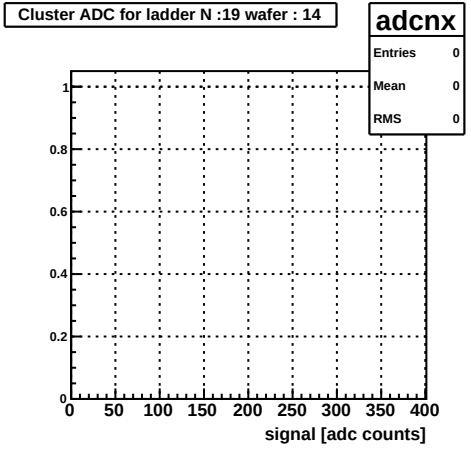

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

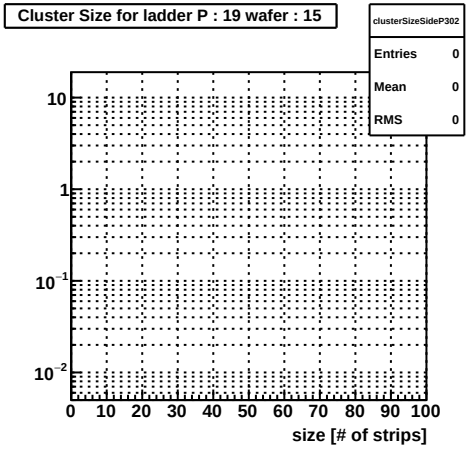

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

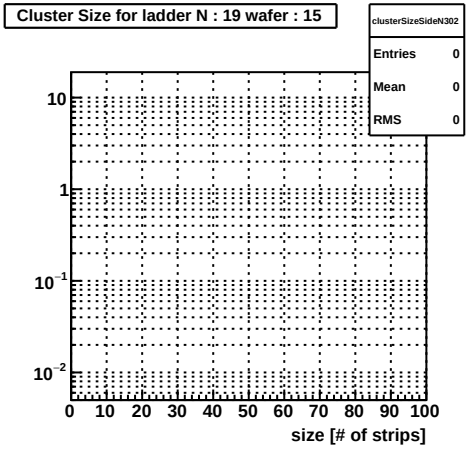

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

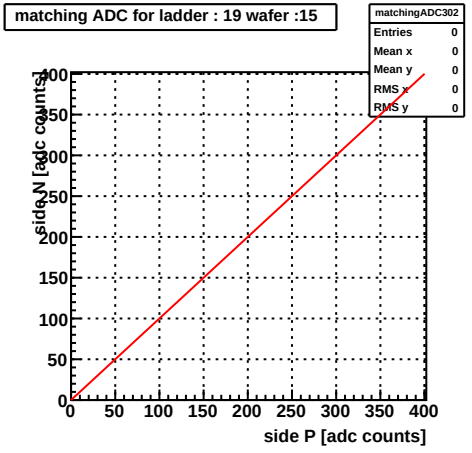

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

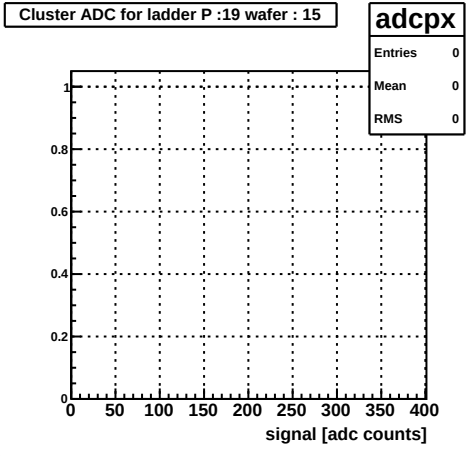

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

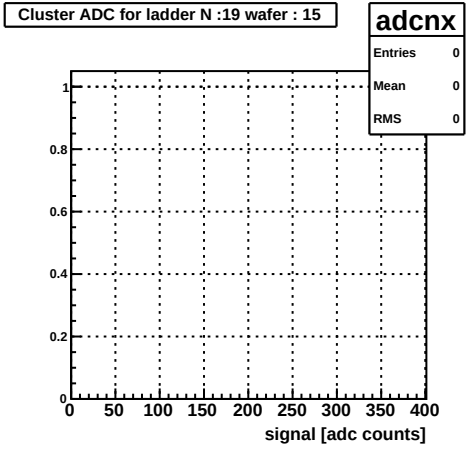

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

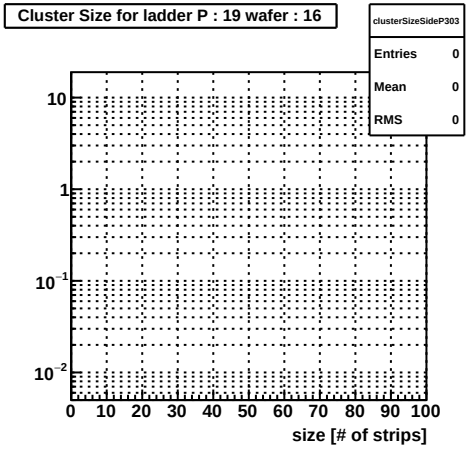

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

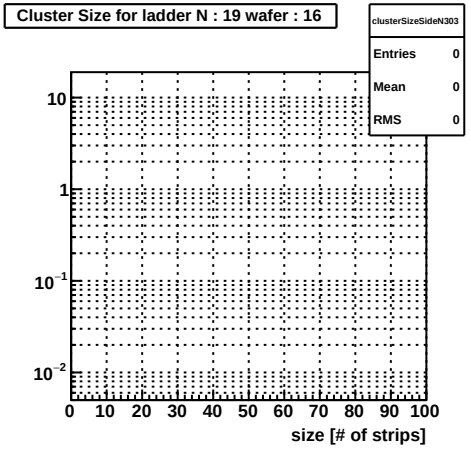

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

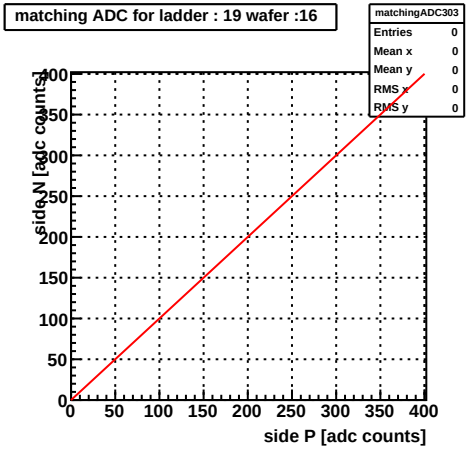

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

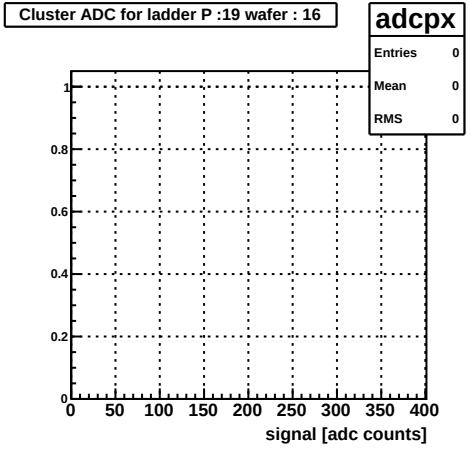

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

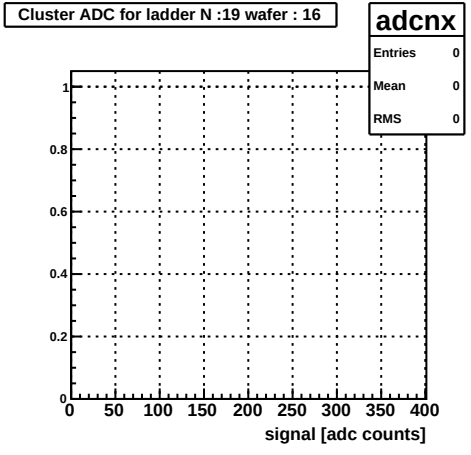

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

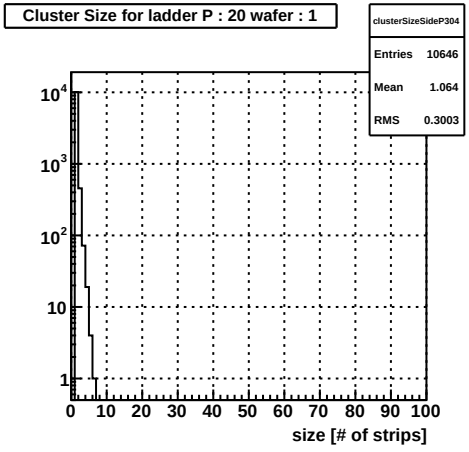

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

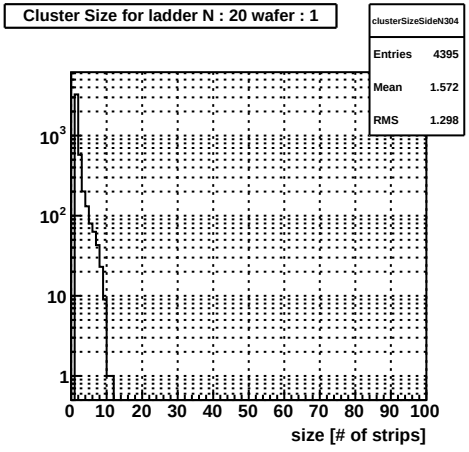

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

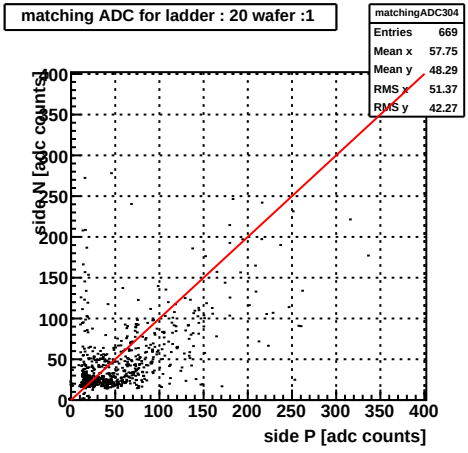

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

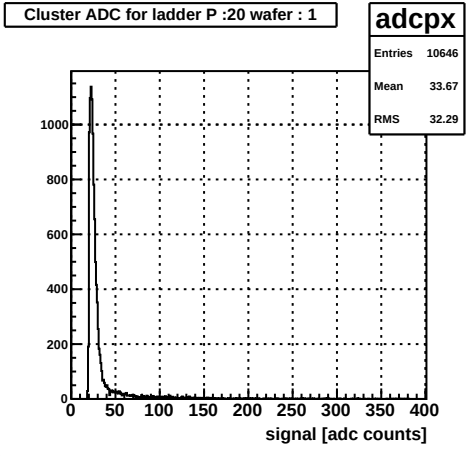

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

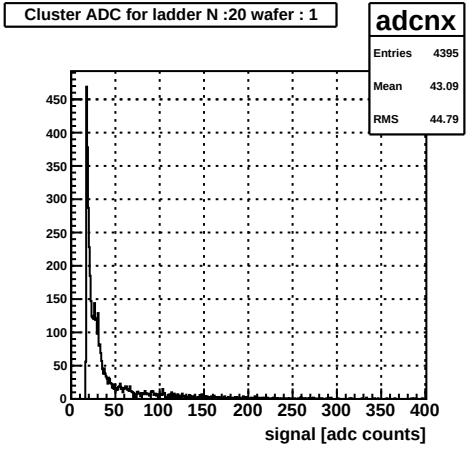

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

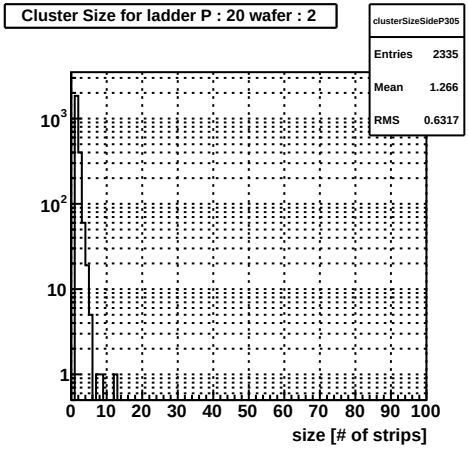

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 10646
Mean 1.064
RMS 0.3003
size [# of strips]

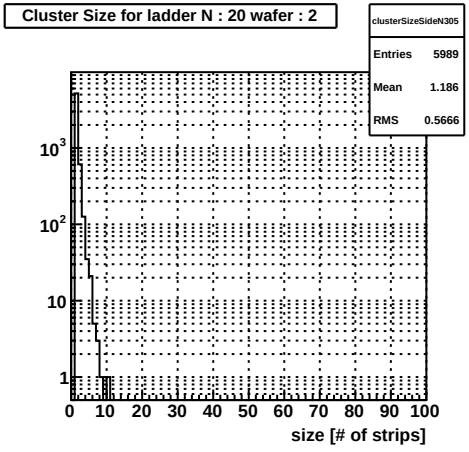

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4395
Mean 1.572
RMS 1.298
size [# of strips]

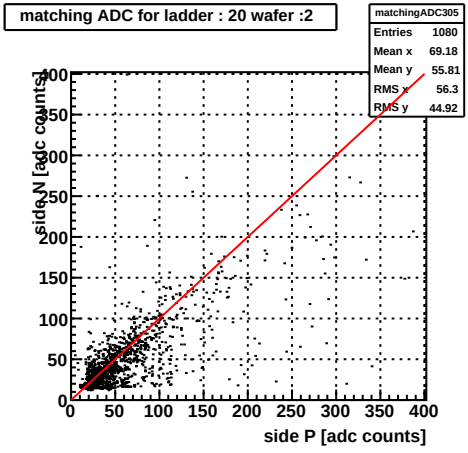

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 669
Mean x 57.75
Mean y 48.29
RMS x 51.37
RMS y 42.27
side N [adc counts]
side P [adc counts]

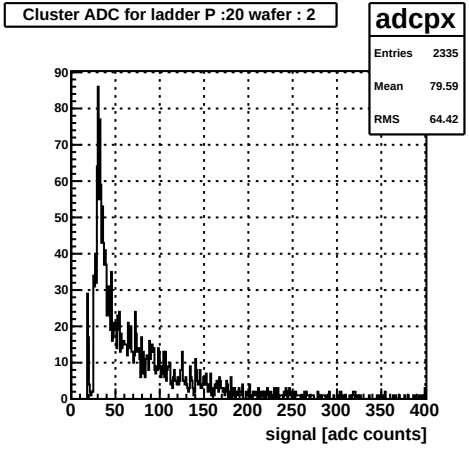

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 10646
Mean 33.67
RMS 32.29
signal [adc counts]

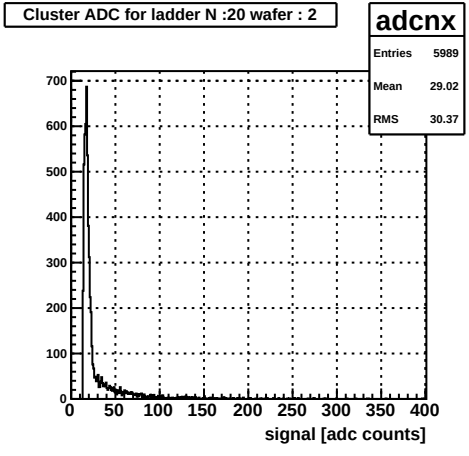

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4395
Mean 43.09
RMS 44.79
signal [adc counts]

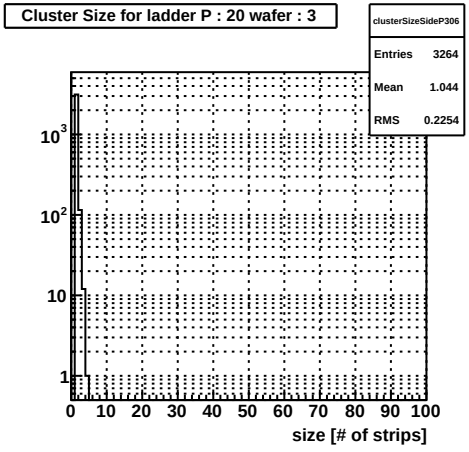

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2335
Mean 1.266
RMS 0.6317
size [# of strips]

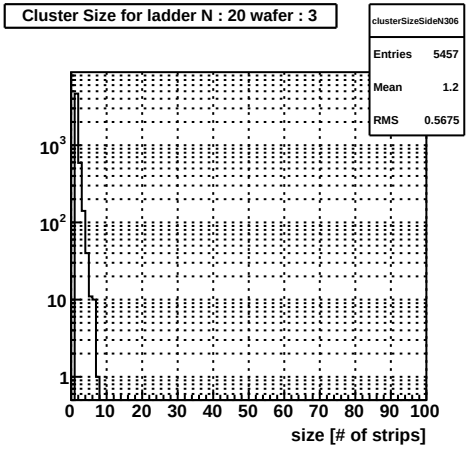

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5989
Mean 1.186
RMS 0.5666
size [# of strips]

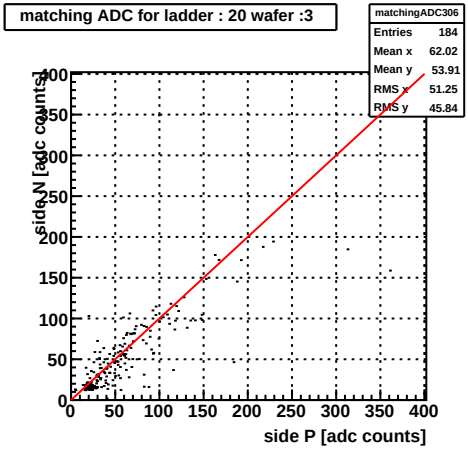

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1080
Mean x 69.18
Mean y 55.81
RMS x 56.3
RMS y 44.92
side N [adc counts]
side P [adc counts]

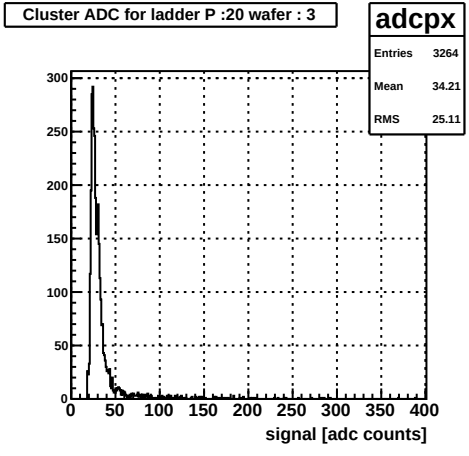

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2335
Mean 79.59
RMS 64.42
signal [adc counts]

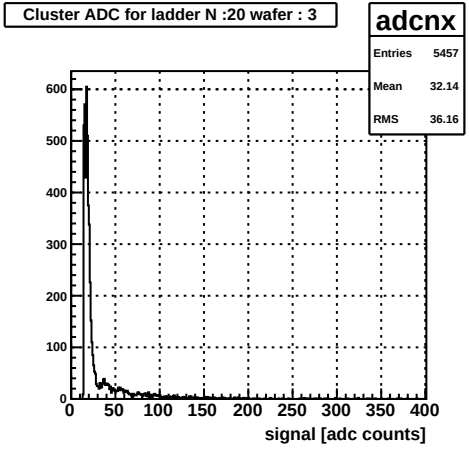

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5989
Mean 29.02
RMS 30.37
signal [adc counts]

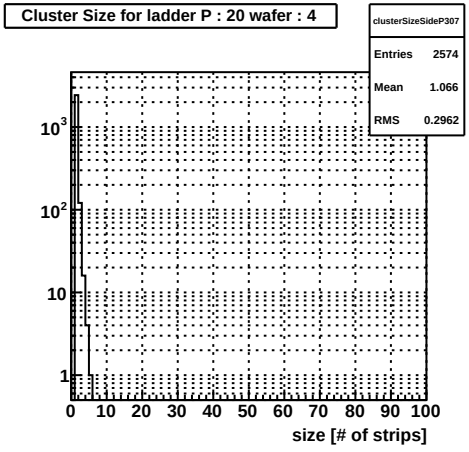

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3264
Mean 1.044
RMS 0.2254
size [# of strips]

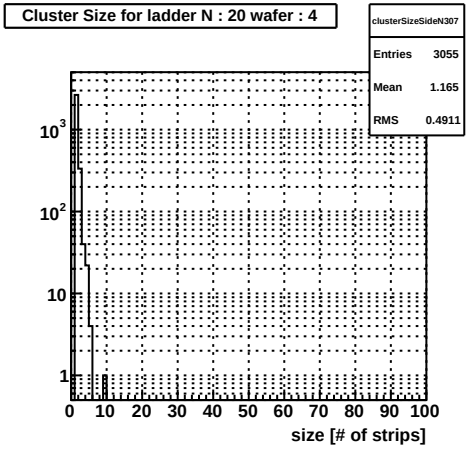

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5457
Mean 1.2
RMS 0.5675
size [# of strips]

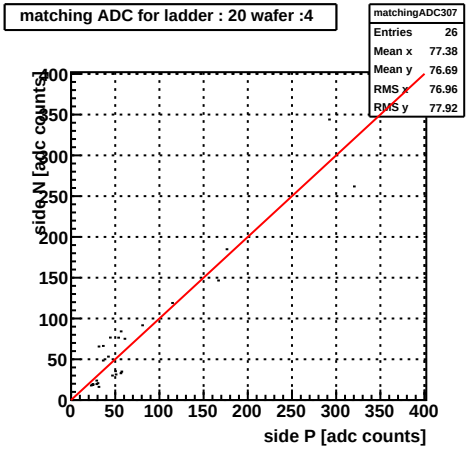

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 184
Mean x 62.02
Mean y 53.91
RMS x 51.25
RMS y 45.84
side N [adc counts]
side P [adc counts]

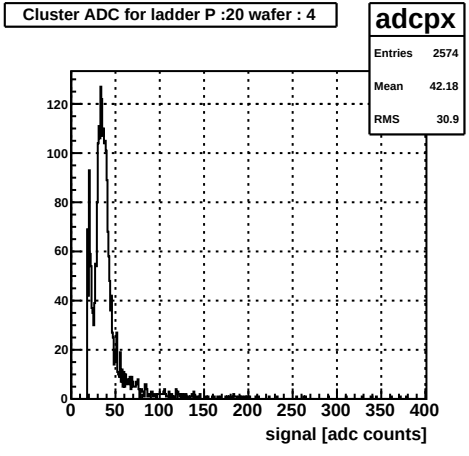

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3264
Mean 34.21
RMS 25.11
signal [adc counts]

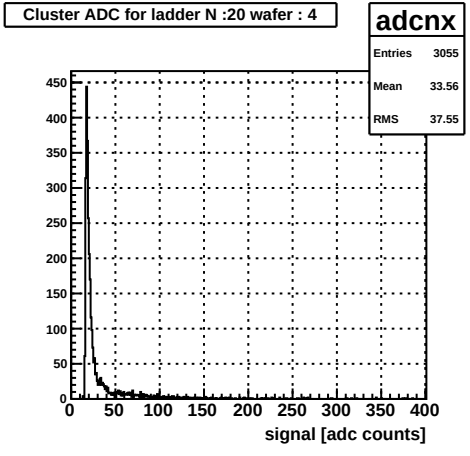

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5457
Mean 32.14
RMS 36.16
signal [adc counts]

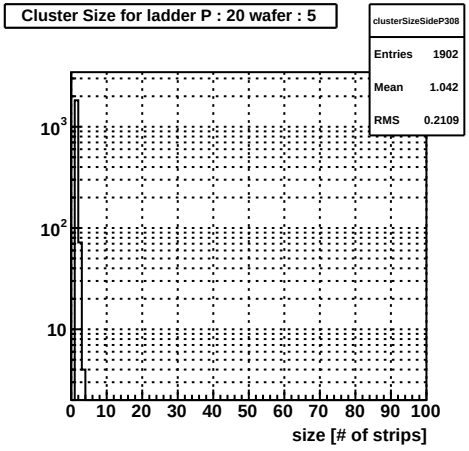

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2574
Mean 1.066
RMS 0.2962
size [# of strips]

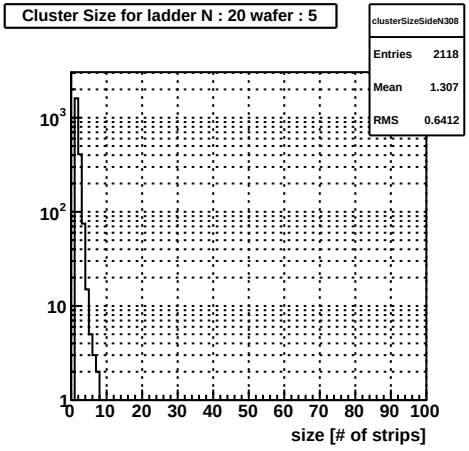

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3055
Mean 1.165
RMS 0.4911
size [# of strips]

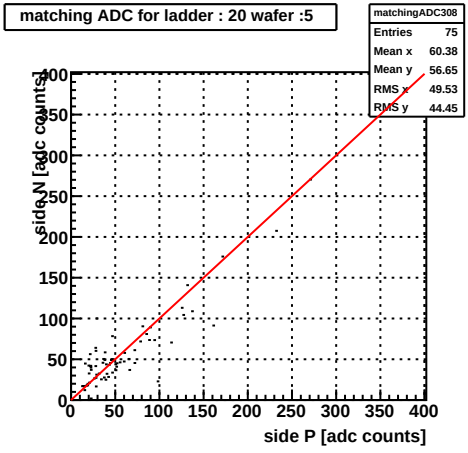

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 26
Mean x 77.38
Mean y 76.69
RMS x 76.96
RMS y 77.92
side N [adc counts]
side P [adc counts]

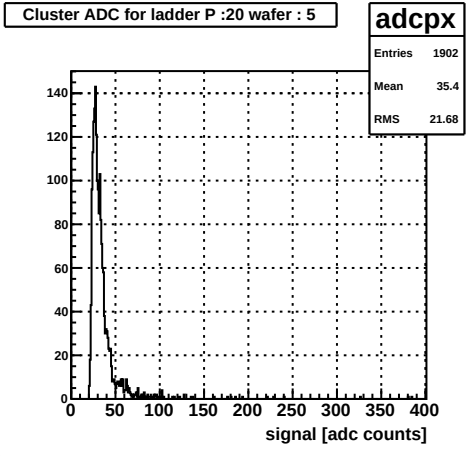

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2574
Mean 42.18
RMS 30.9
signal [adc counts]

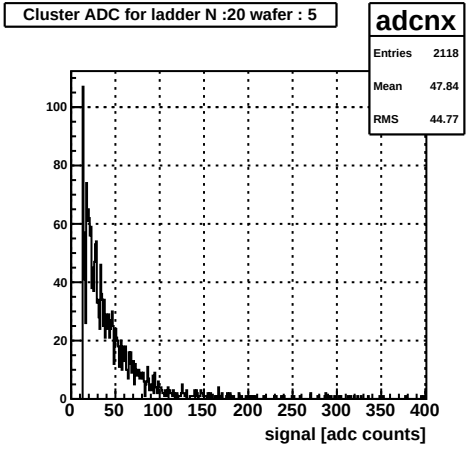

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3055
Mean 33.56
RMS 37.55
signal [adc counts]

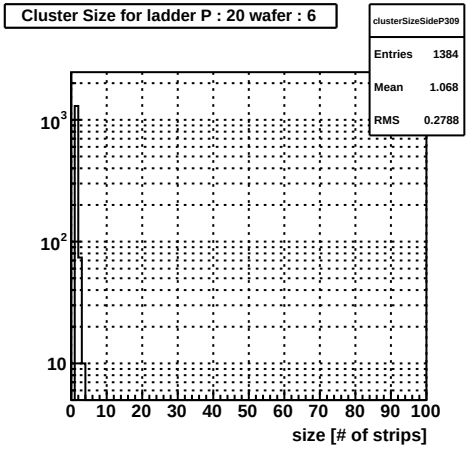

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1902
Mean 1.042
RMS 0.2109
size [# of strips]

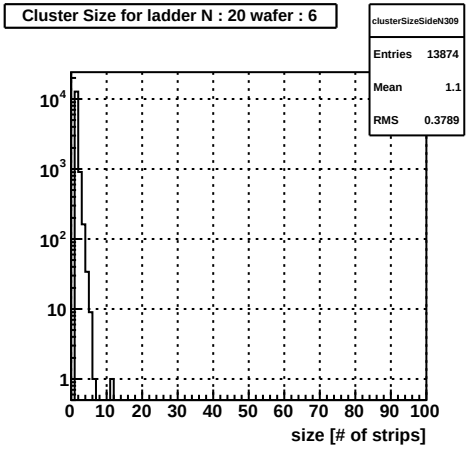

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2118
Mean 1.307
RMS 0.6412
size [# of strips]

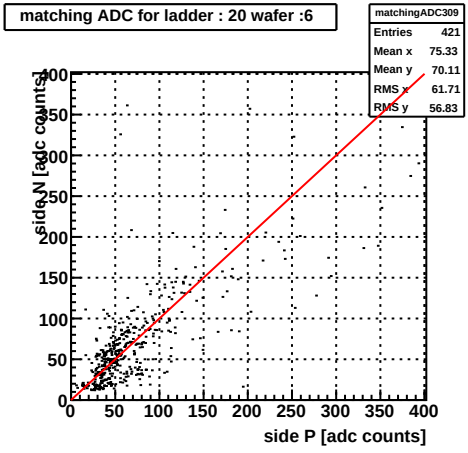

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 75
Mean x 60.38
Mean y 56.65
RMS x 49.53
RMS y 44.45
side N [adc counts]
side P [adc counts]

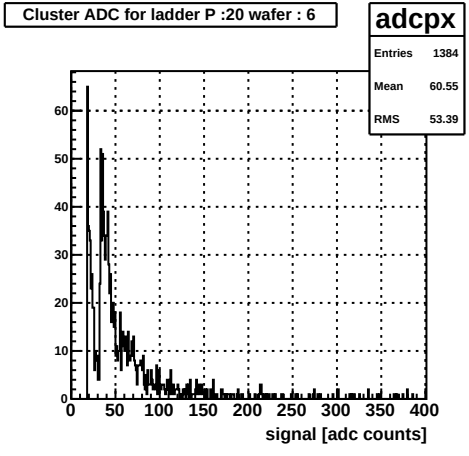

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1902
Mean 35.4
RMS 21.68
signal [adc counts]

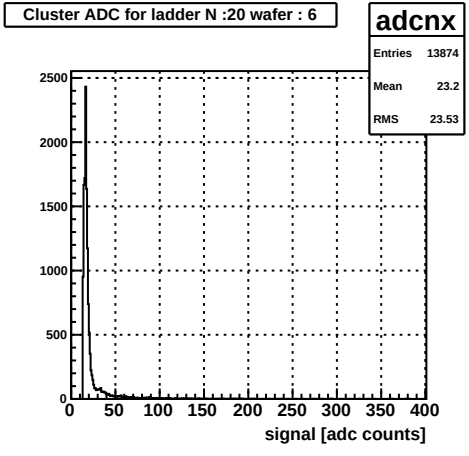

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2118
Mean 47.84
RMS 44.77
signal [adc counts]

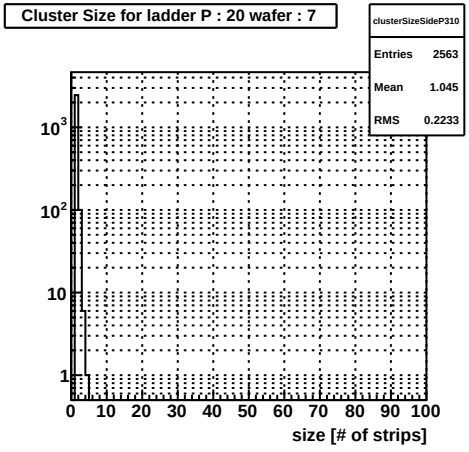

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1384
Mean 1.068
RMS 0.2788
size [# of strips]

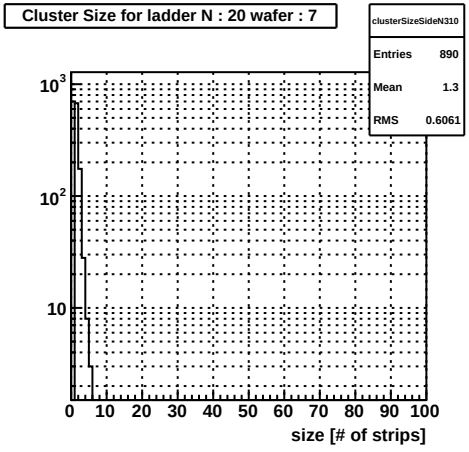

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 13874
Mean 1.1
RMS 0.3789
size [# of strips]

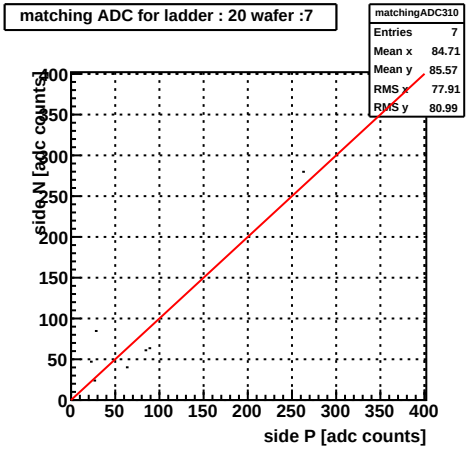

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 421
Mean x 75.33
Mean y 70.11
RMS x 61.71
RMS y 56.83
side N [adc counts]
side P [adc counts]

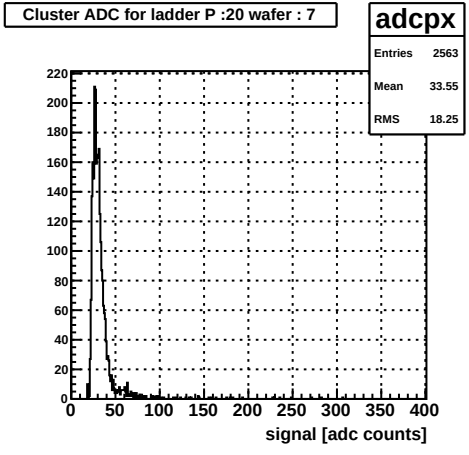

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1384
Mean 60.55
RMS 53.39
signal [adc counts]

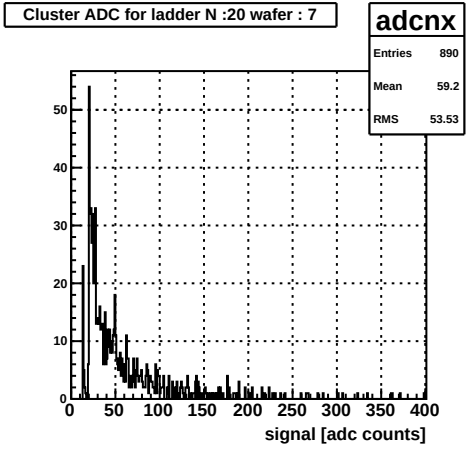

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 13874
Mean 23.2
RMS 23.53
signal [adc counts]

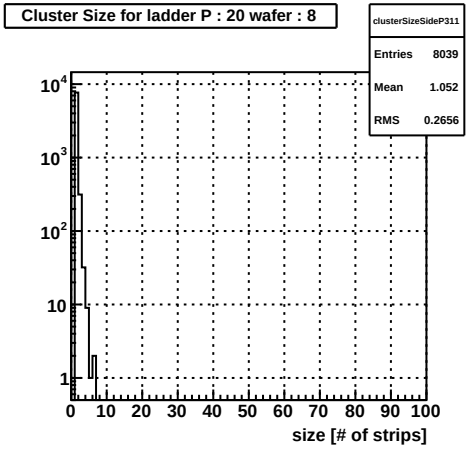

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2563
Mean 1.045
RMS 0.2233
size [# of strips]

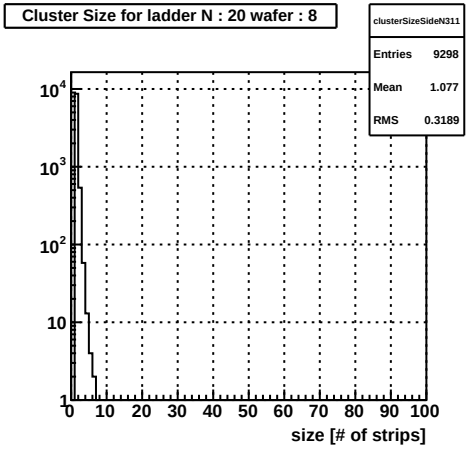

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 890
Mean 1.3
RMS 0.6061
size [# of strips]

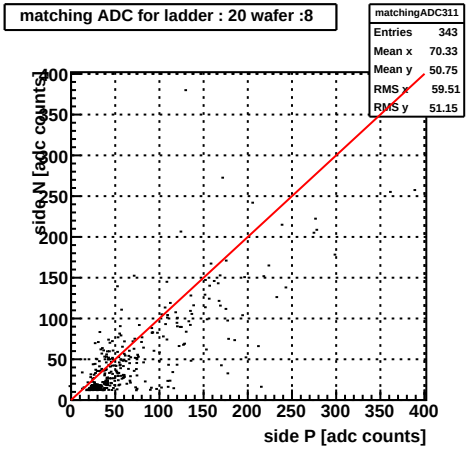

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 7
Mean x 84.71
Mean y 85.57
RMS x 77.91
RMS y 80.99
side N [adc counts]
side P [adc counts]

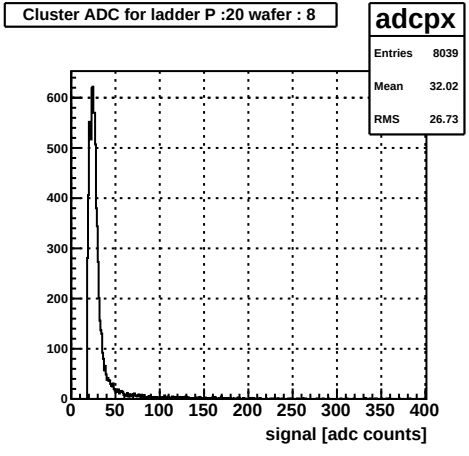

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2563
Mean 33.55
RMS 18.25
signal [adc counts]

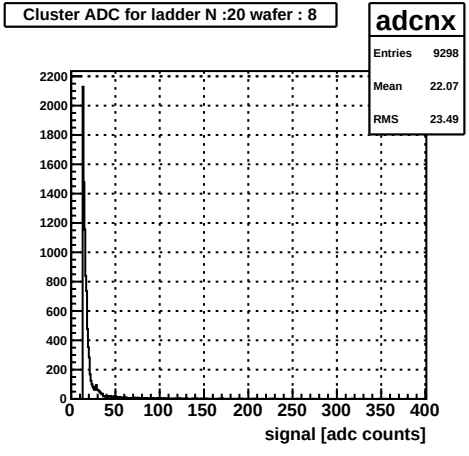

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 890
Mean 59.2
RMS 53.53
signal [adc counts]

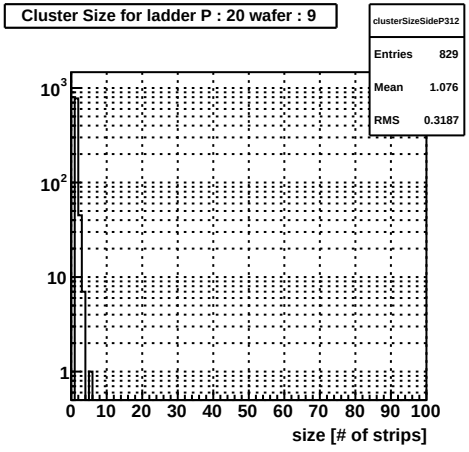

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 8039
Mean 1.052
RMS 0.2656
size [# of strips]

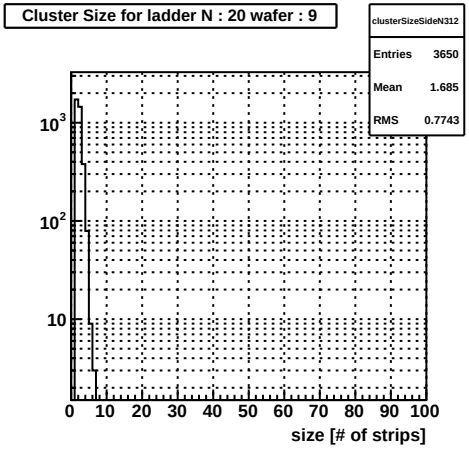

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9298
Mean 1.077
RMS 0.3189
size [# of strips]

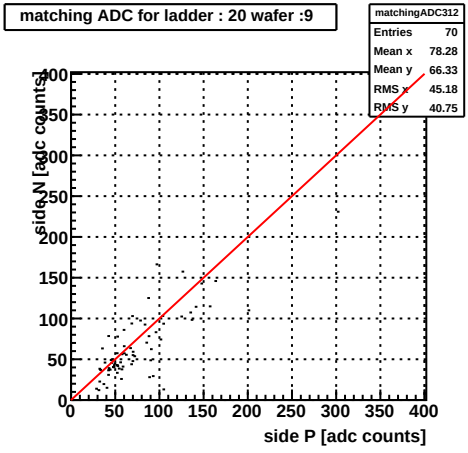

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 343
Mean x 70.33
Mean y 50.75
RMS x 59.51
RMS y 51.15
side N [adc counts]
side P [adc counts]

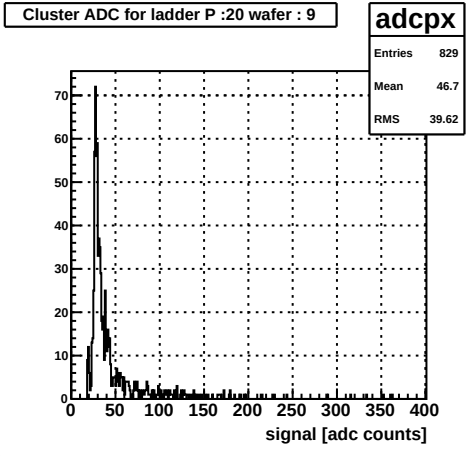

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 8039
Mean 32.02
RMS 26.73
signal [adc counts]

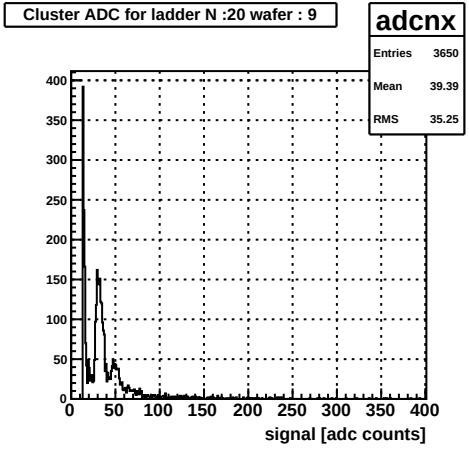

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9298
Mean 22.07
RMS 23.49
signal [adc counts]

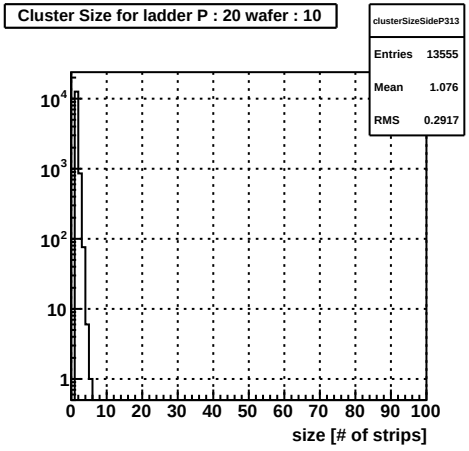

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 829
Mean 1.076
RMS 0.3187
size [# of strips]

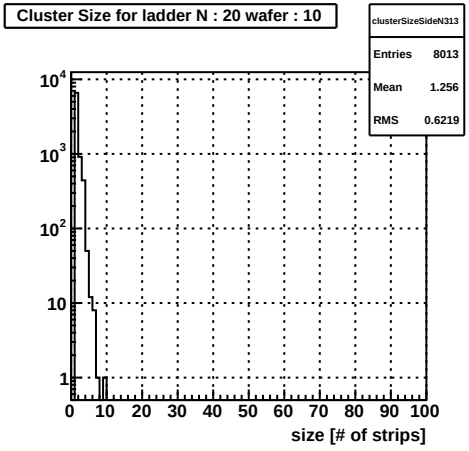

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3650
Mean 1.685
RMS 0.7743
size [# of strips]

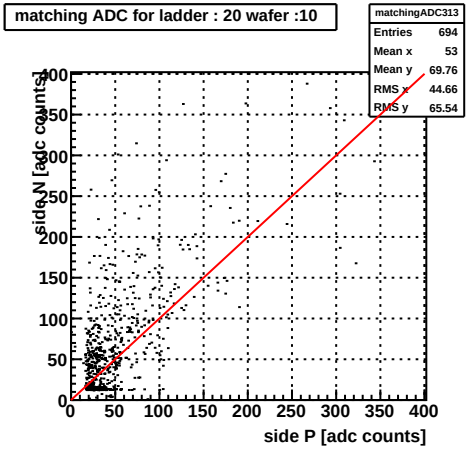

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 70
Mean x 78.28
Mean y 66.33
RMS x 45.18
RMS y 40.75
side N [adc counts]
side P [adc counts]

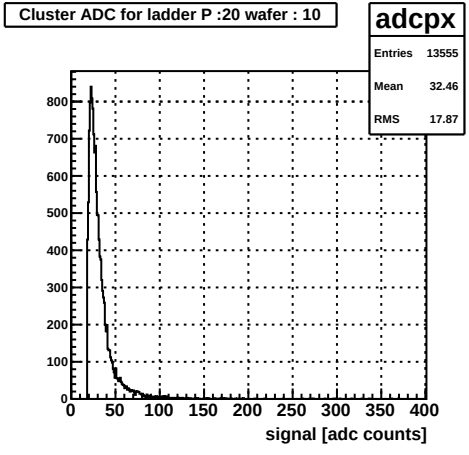

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 829
Mean 46.7
RMS 39.62
signal [adc counts]

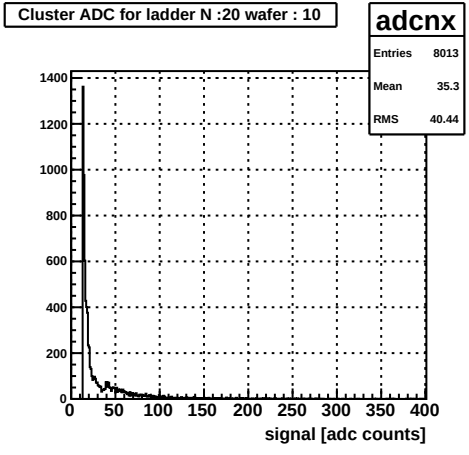

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3650
Mean 39.39
RMS 35.25
signal [adc counts]

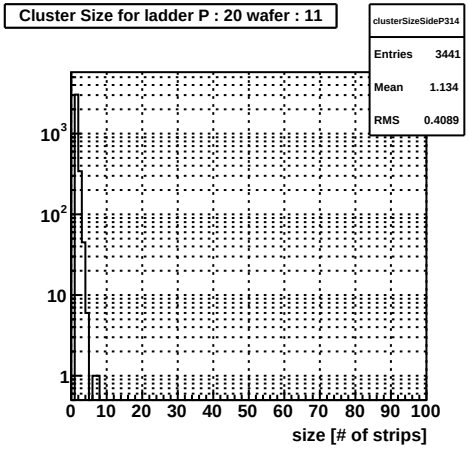

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13555
Mean 1.076
RMS 0.2917
size [# of strips]

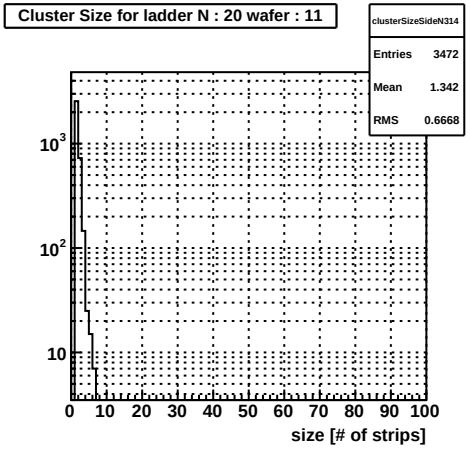

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8013
Mean 1.256
RMS 0.6219
size [# of strips]

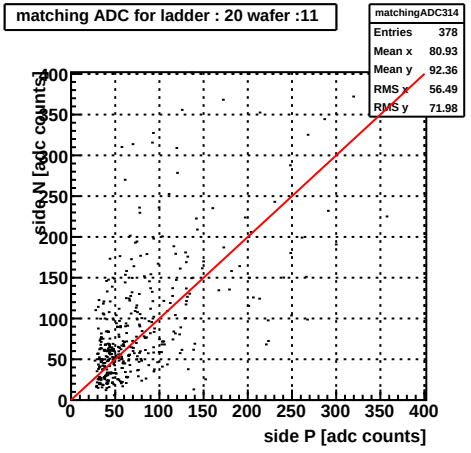

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 694
Mean x 53
Mean y 69.76
RMS x 44.66
RMS y 65.54
side N [adc counts]
side P [adc counts]

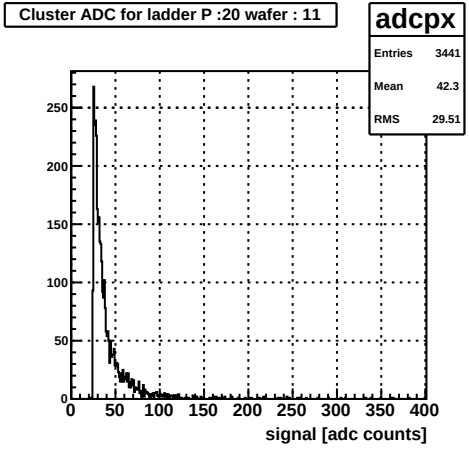

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13555
Mean 32.46
RMS 17.87
signal [adc counts]

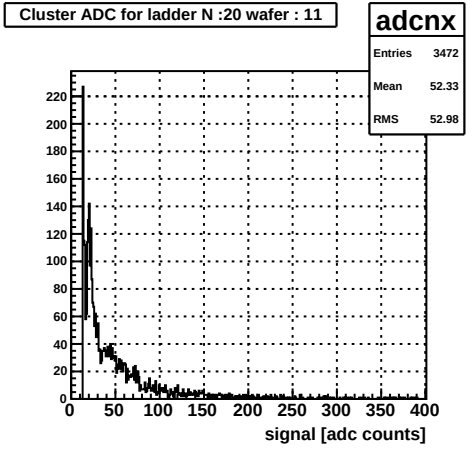

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8013
Mean 35.3
RMS 40.44
signal [adc counts]

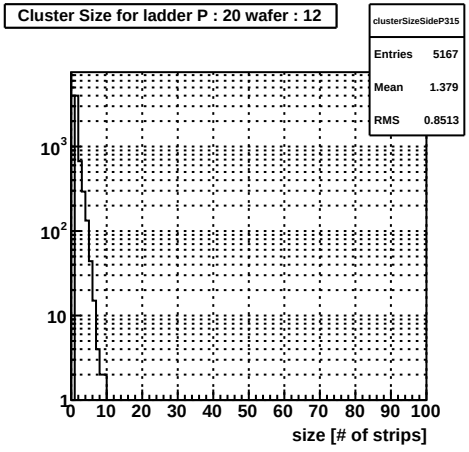

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3441
Mean 1.134
RMS 0.4089
size [# of strips]

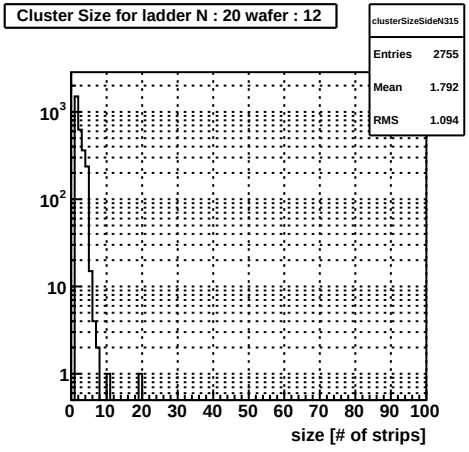

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3472
Mean 1.342
RMS 0.6668
size [# of strips]

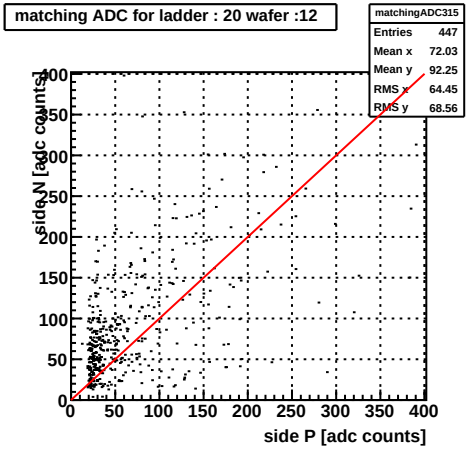

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 378
Mean x 80.93
Mean y 92.36
RMS x 56.49
RMS y 71.98
side N [adc counts]
side P [adc counts]

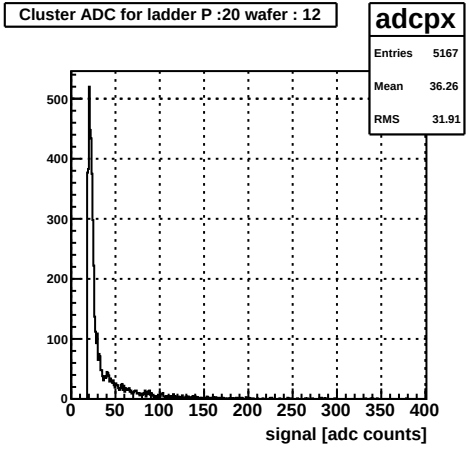

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3441
Mean 42.3
RMS 29.51
signal [adc counts]

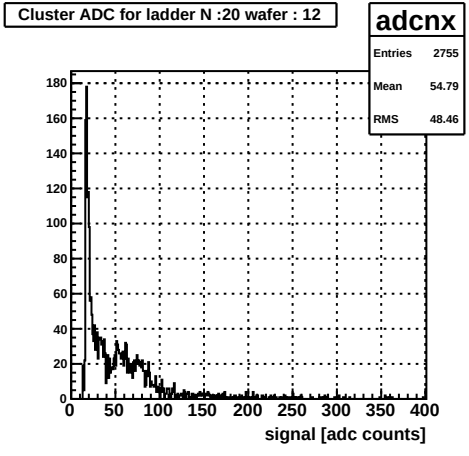

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3472
Mean 52.33
RMS 52.98
signal [adc counts]

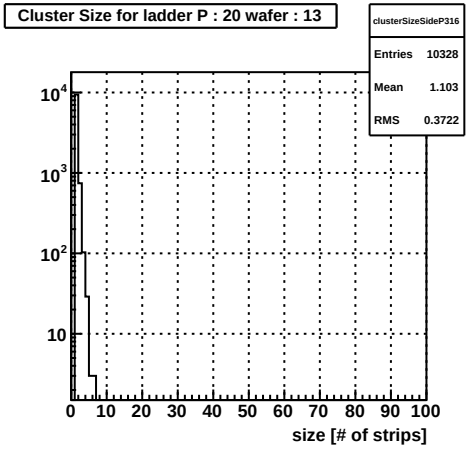

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5167
Mean 1.379
RMS 0.8513
size [# of strips]

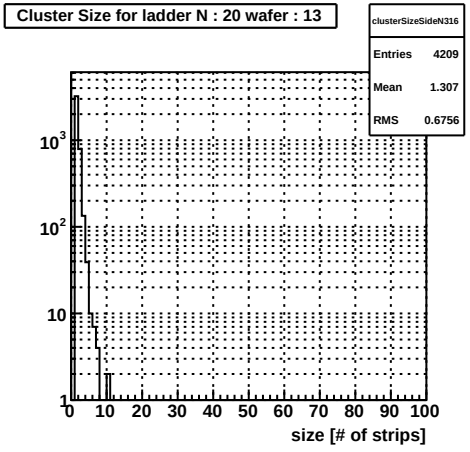

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2755
Mean 1.792
RMS 1.094
size [# of strips]

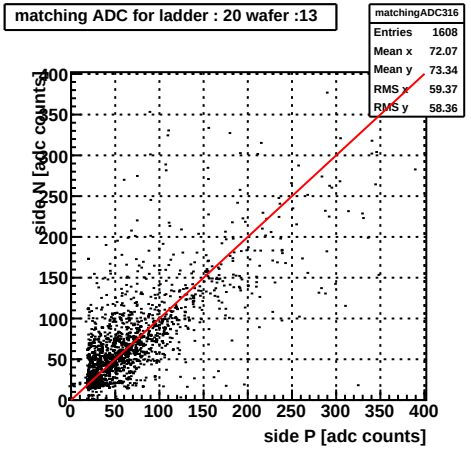

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 447
Mean x 72.03
Mean y 92.25
RMS x 64.45
RMS y 68.56
side N [adc counts]
side P [adc counts]

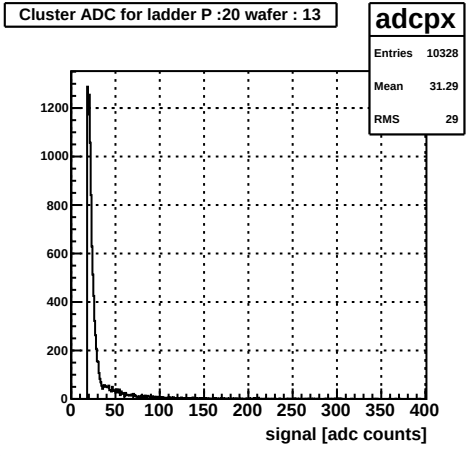

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5167
Mean 36.26
RMS 31.91
signal [adc counts]

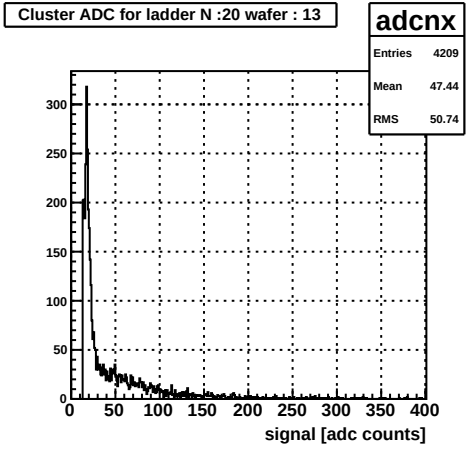

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2755
Mean 54.79
RMS 48.46
signal [adc counts]

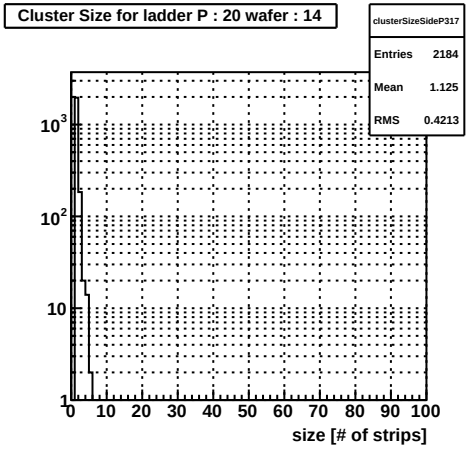

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10328
Mean 1.103
RMS 0.3722
size [# of strips]

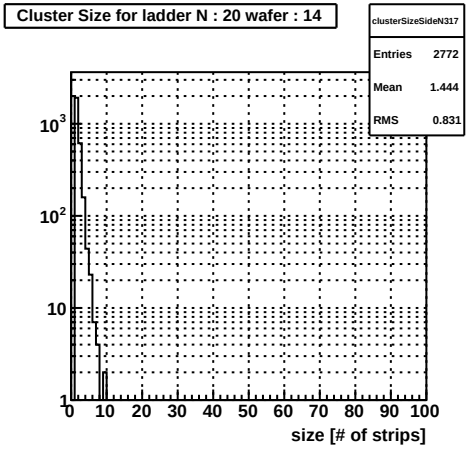

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4209
Mean 1.307
RMS 0.6756
size [# of strips]

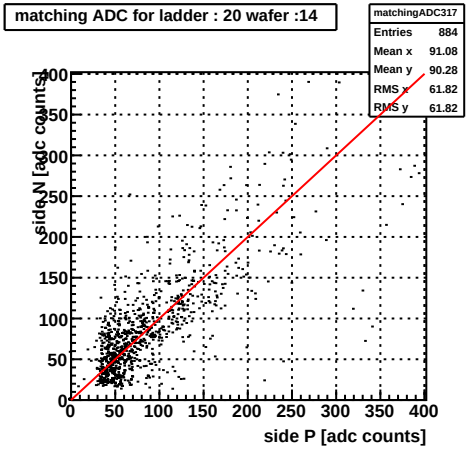

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1608
Mean x 72.07
Mean y 73.34
RMS x 59.37
RMS y 58.36
side N [adc counts]
side P [adc counts]

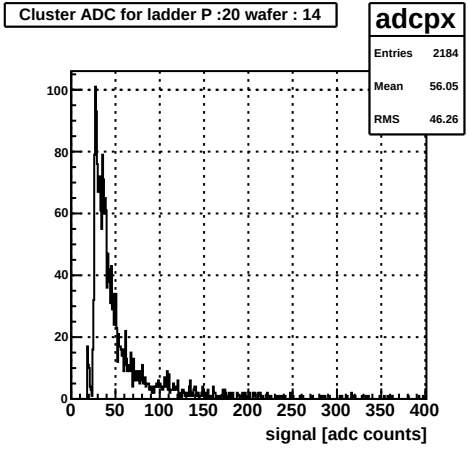

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10328
Mean 31.29
RMS 29
signal [adc counts]

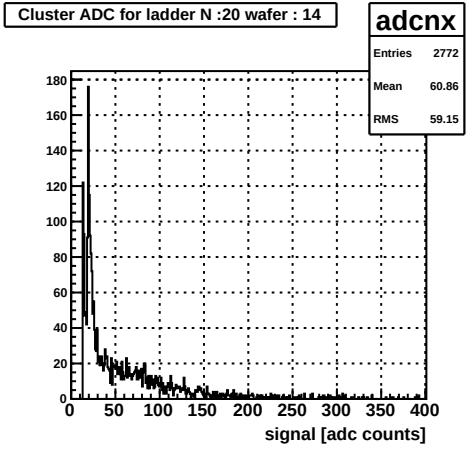

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4209
Mean 47.44
RMS 50.74
signal [adc counts]

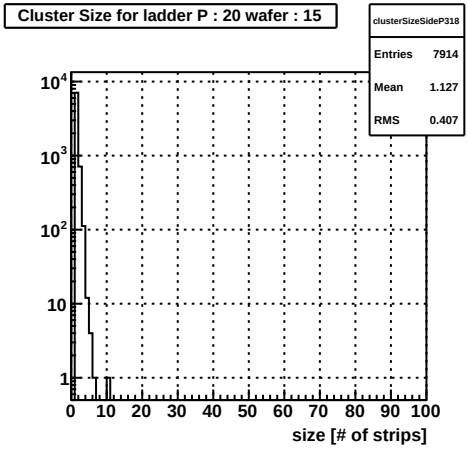

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2184
Mean 1.125
RMS 0.4213
size [# of strips]

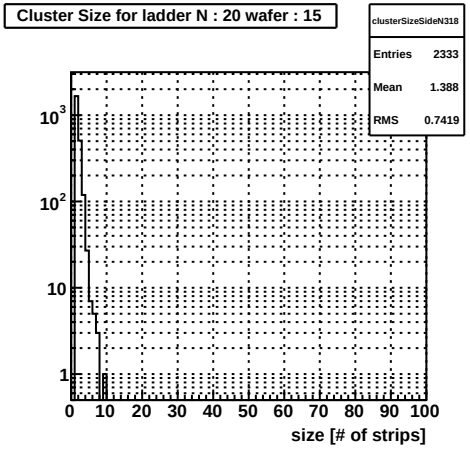

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2772
Mean 1.444
RMS 0.831
size [# of strips]

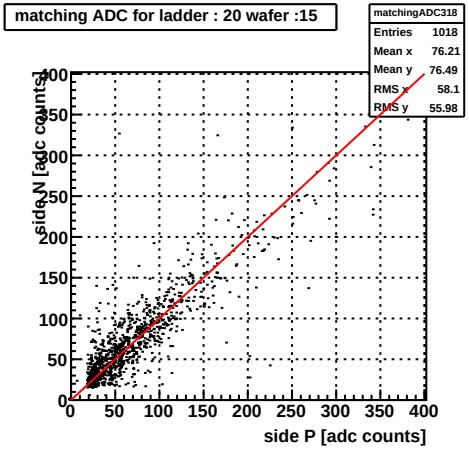

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 884
Mean x 91.08
Mean y 90.28
RMS x 61.82
RMS y 61.82
side N [adc counts]
side P [adc counts]

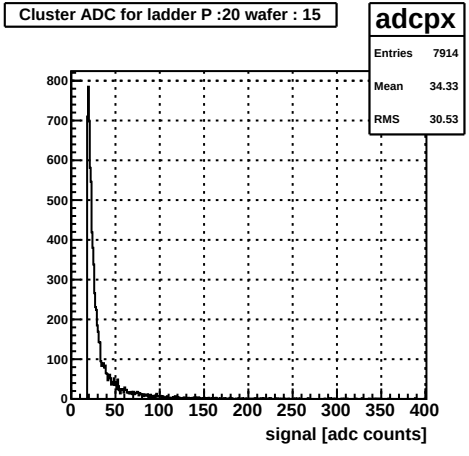

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2184
Mean 56.05
RMS 46.26
signal [adc counts]

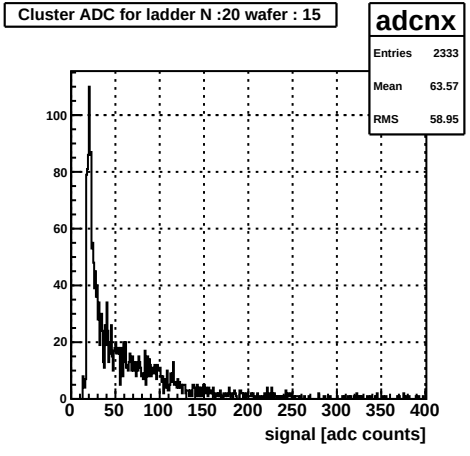

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2772
Mean 60.86
RMS 59.15
signal [adc counts]

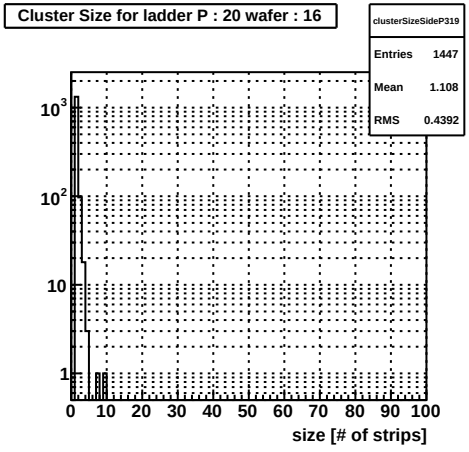

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7914
Mean 1.127
RMS 0.407
size [# of strips]

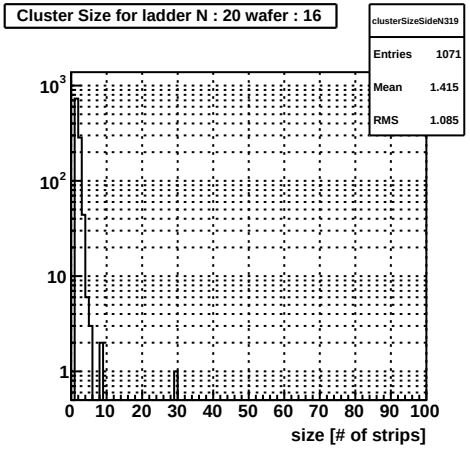

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2333
Mean 1.388
RMS 0.7419
size [# of strips]

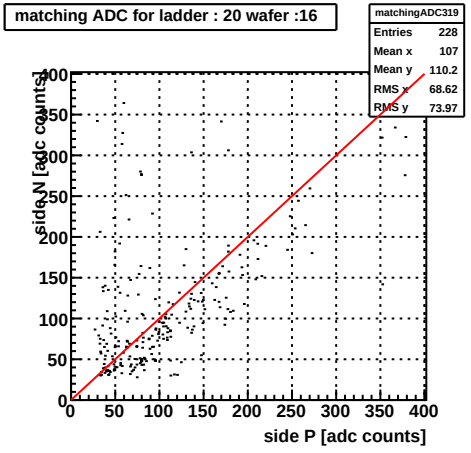

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1018
Mean x 76.21
Mean y 76.49
RMS x 58.1
RMS y 55.98
side N [adc counts]
side P [adc counts]

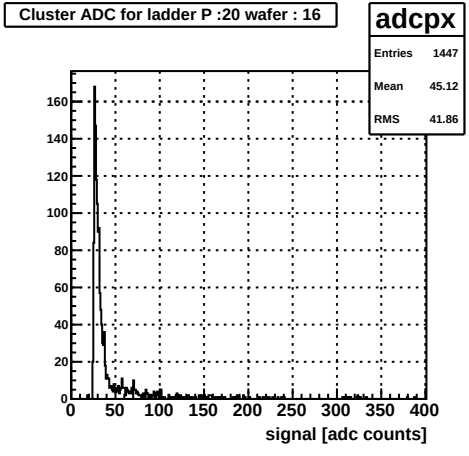

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7914
Mean 34.33
RMS 30.53
signal [adc counts]

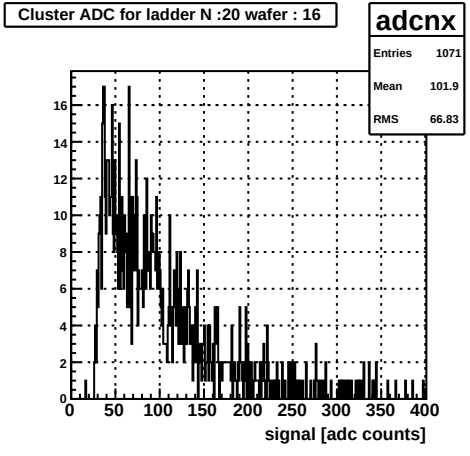

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2333
Mean 63.57
RMS 58.95
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1447
Mean 1.108
RMS 0.4392
size [# of strips]

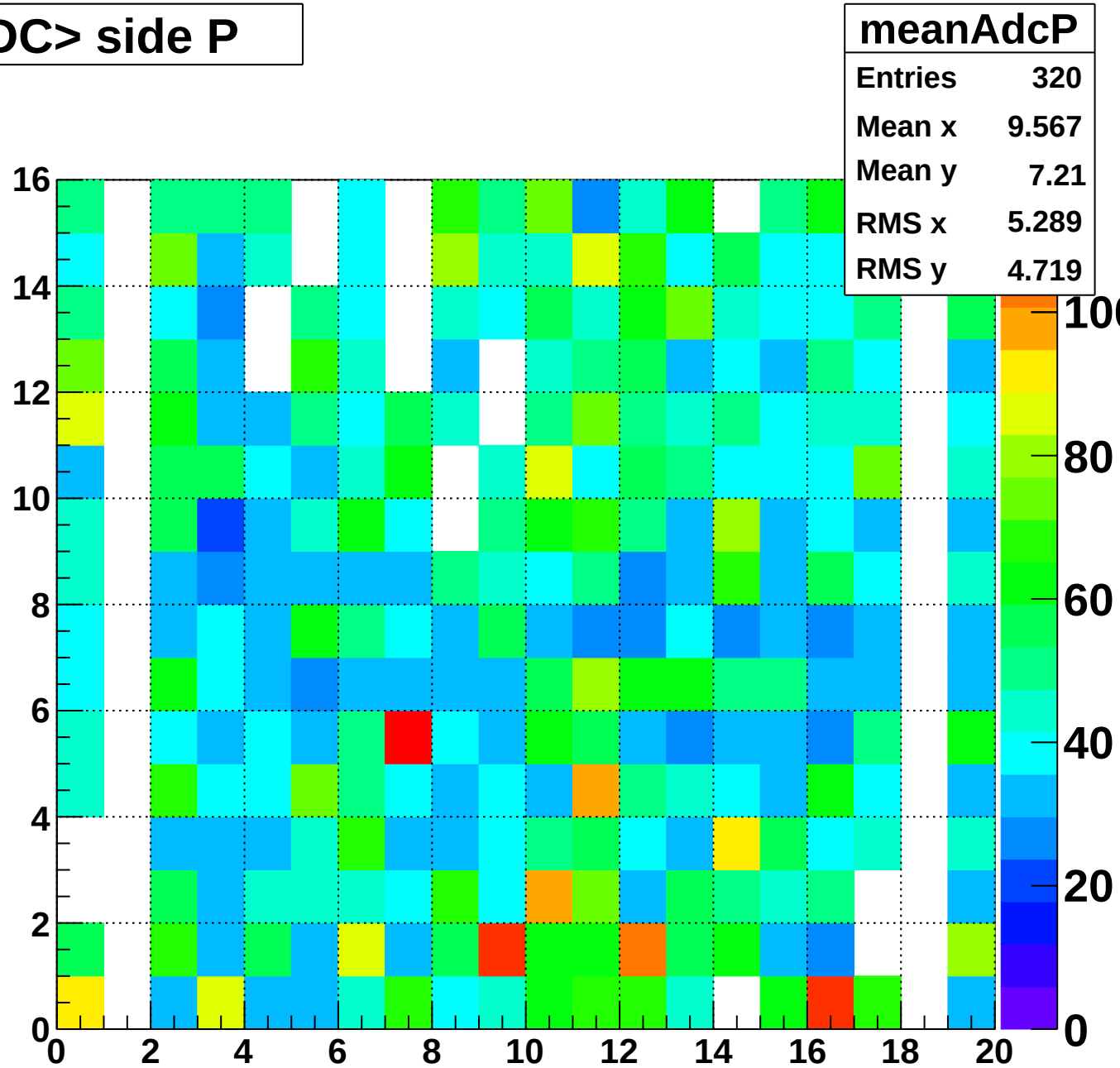

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1071
Mean 1.415
RMS 1.085
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 228
Mean x 107
Mean y 110.2
RMS x 68.62
RMS y 73.97
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1447
Mean 45.12
RMS 41.86
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1071
Mean 101.9
RMS 66.83
signal [adc counts]

# <ADC> side P

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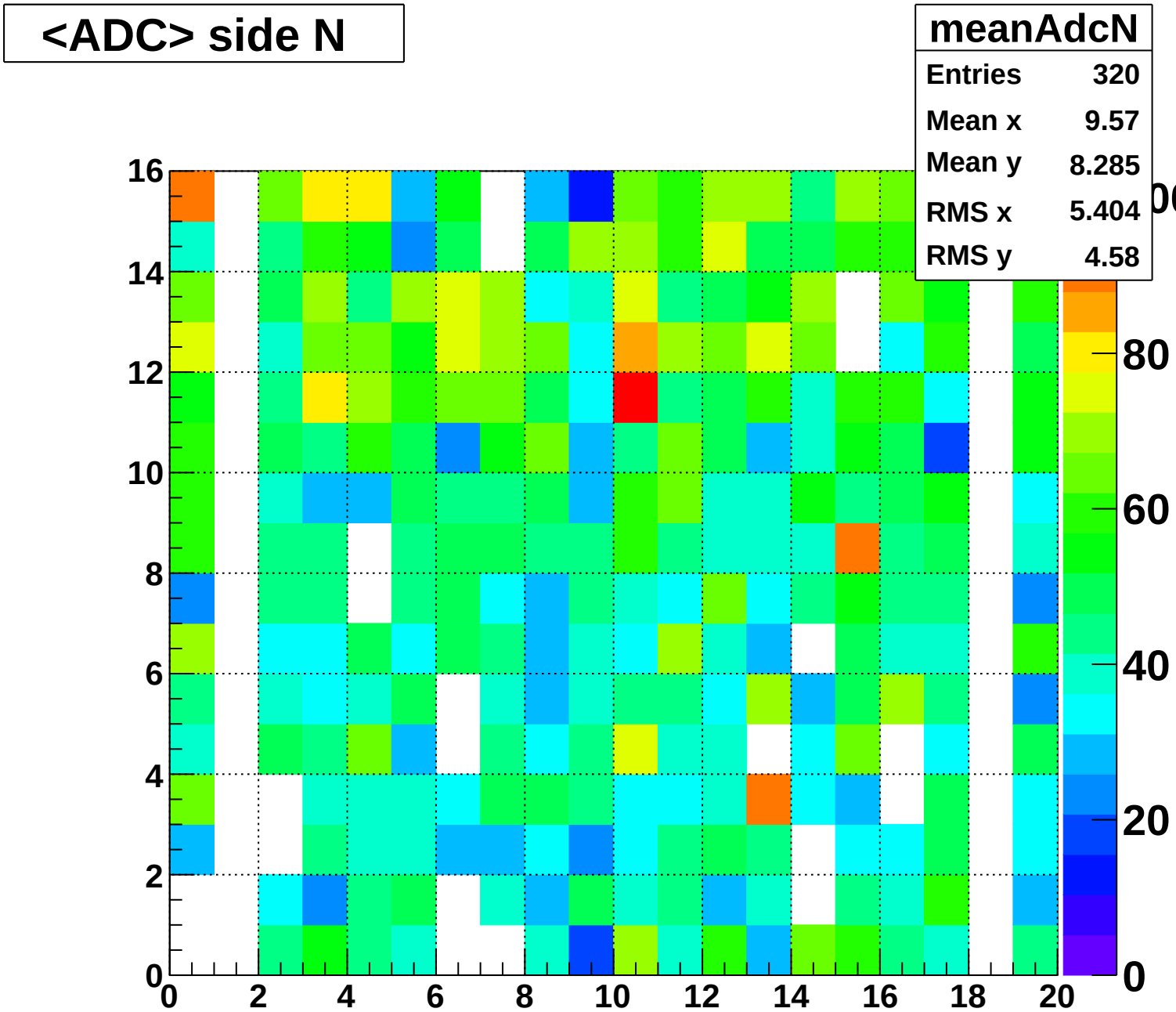


2016-05-19 12:22:01