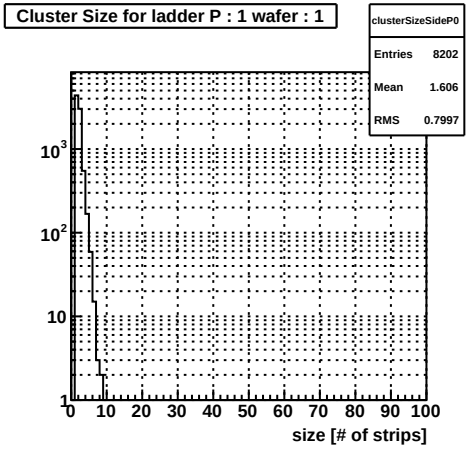
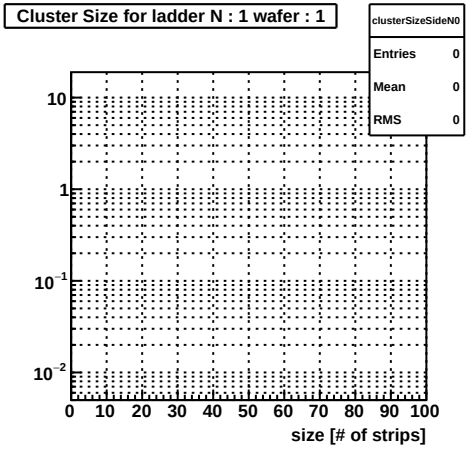
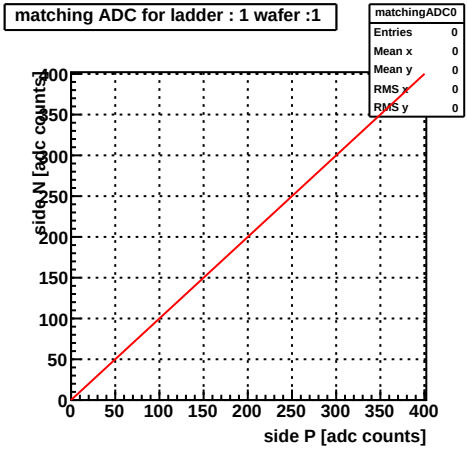
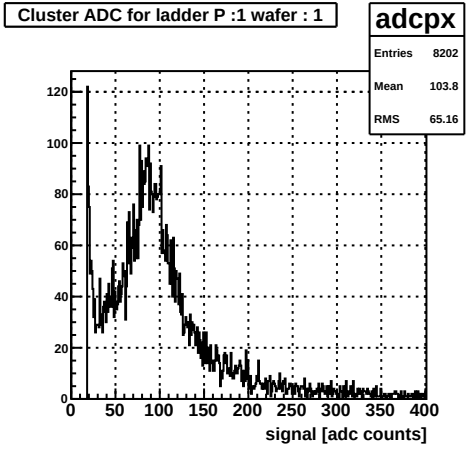
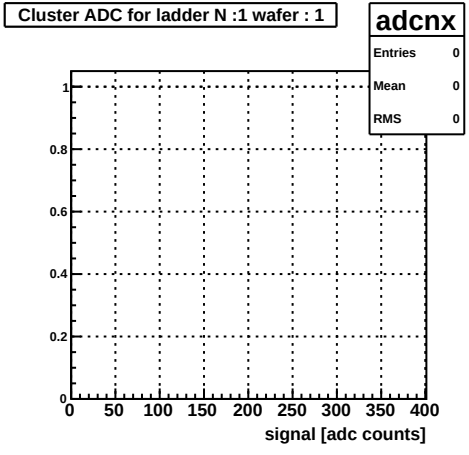
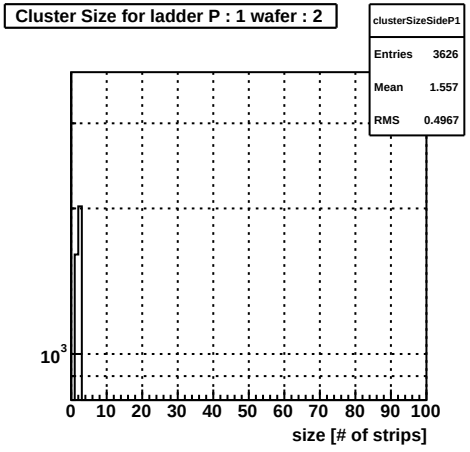

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8202
Mean 1.606
RMS 0.7997
size [# of strips]

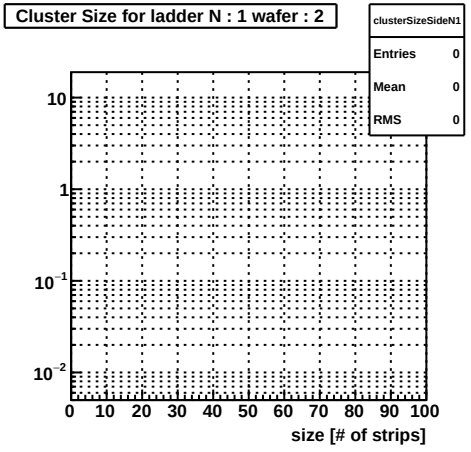

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

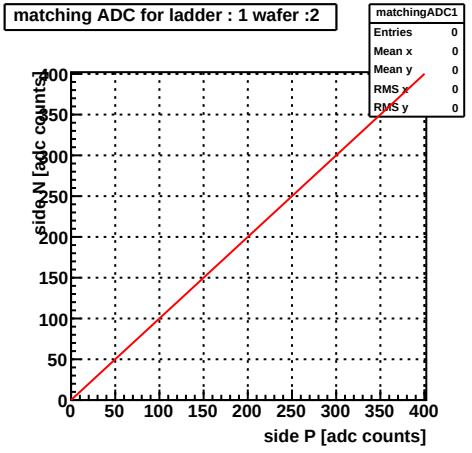

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

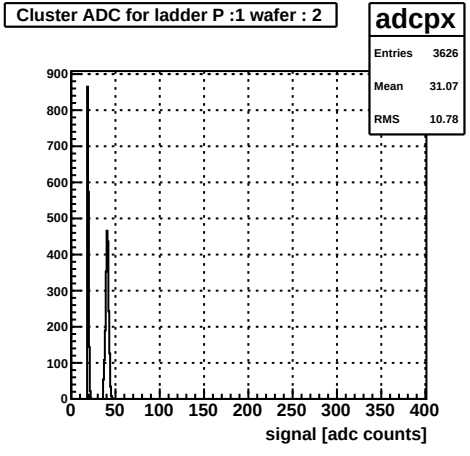

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8202
Mean 103.8
RMS 65.16
signal [adc counts]

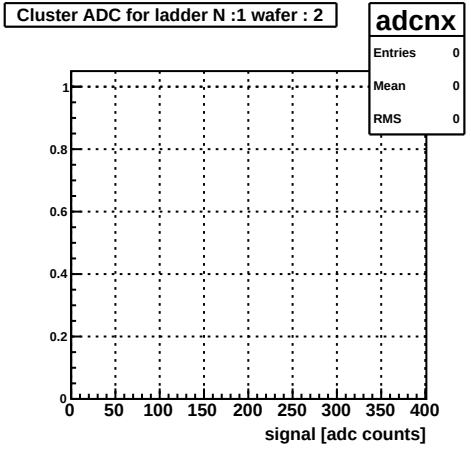

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

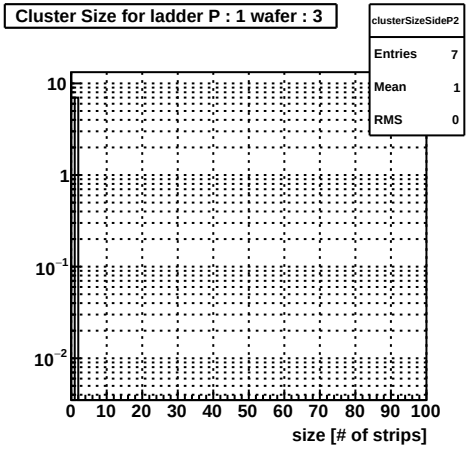

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3626
Mean 1.557
RMS 0.4967
size [# of strips]

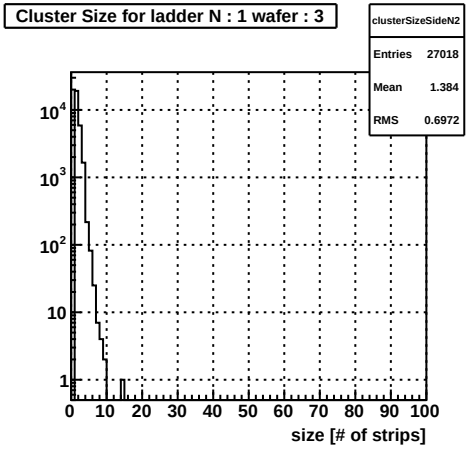

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

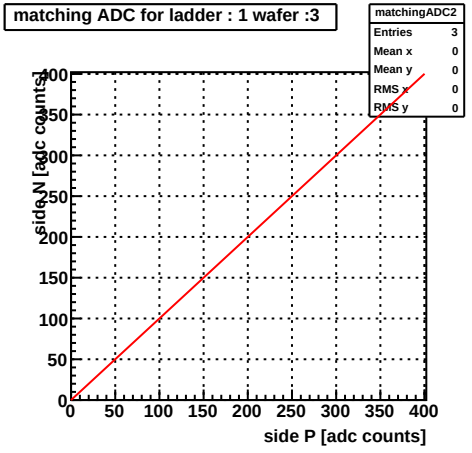

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

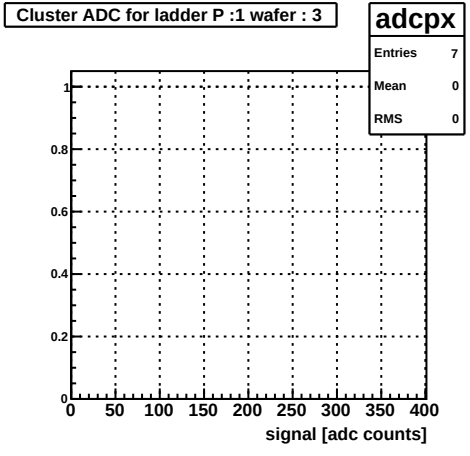

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3626
Mean 31.07
RMS 10.78
signal [adc counts]

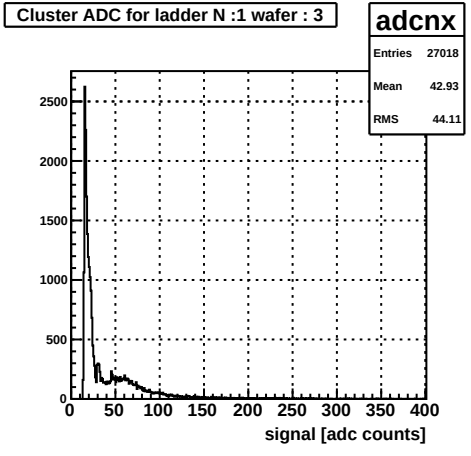

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

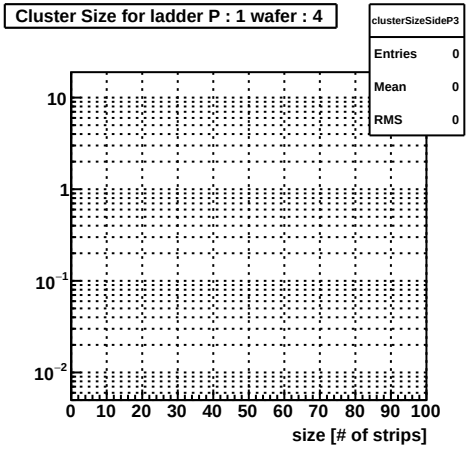

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 7
Mean 1
RMS 0
size [# of strips]

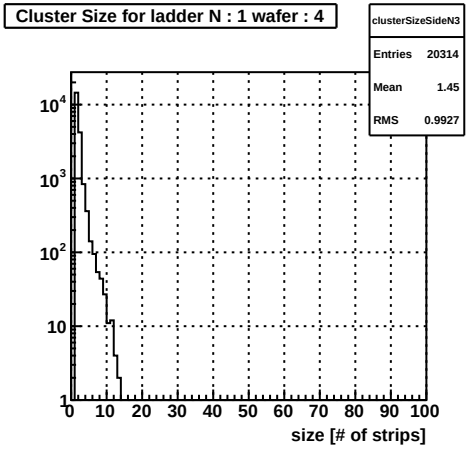

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 27018
Mean 1.384
RMS 0.6972
size [# of strips]

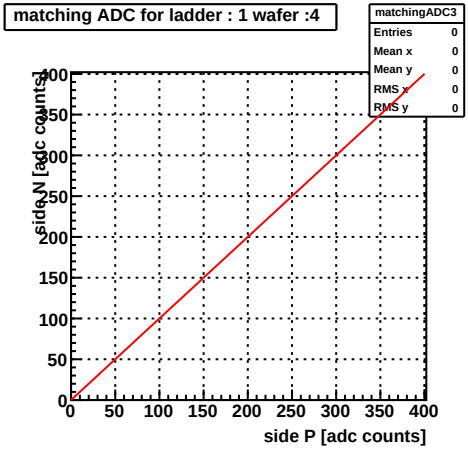

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

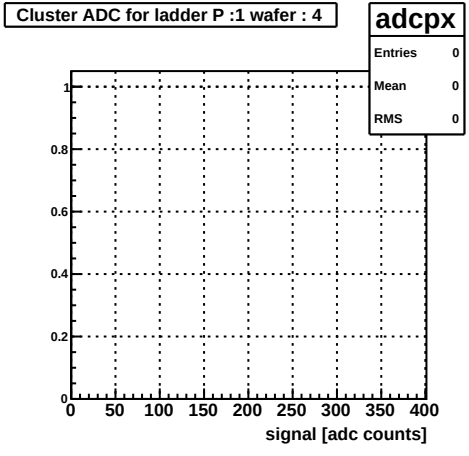

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

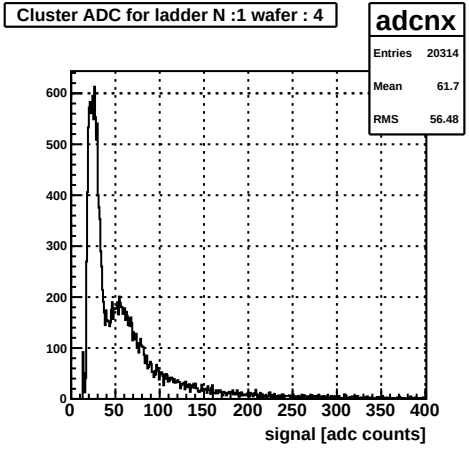

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 27018
Mean 42.93
RMS 44.11
signal [adc counts]

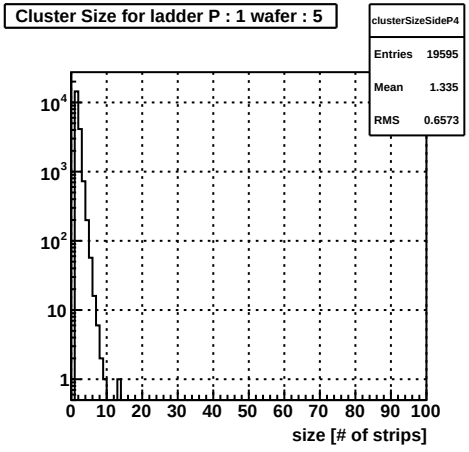

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

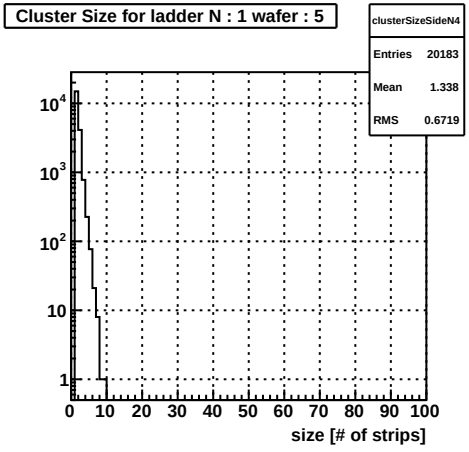

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 20314
Mean 1.45
RMS 0.9927
size [# of strips]

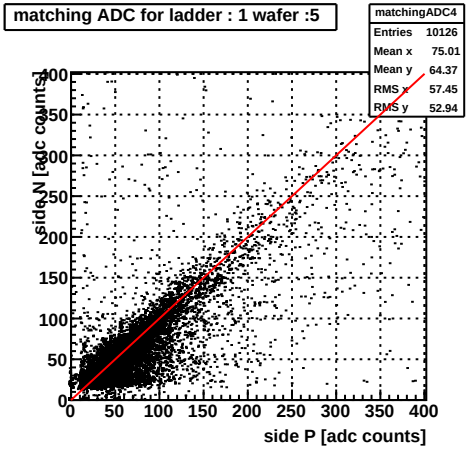

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

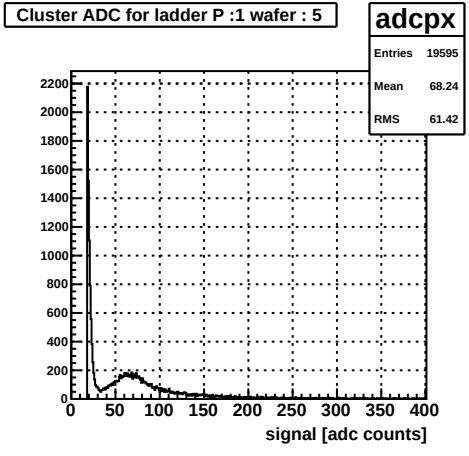

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

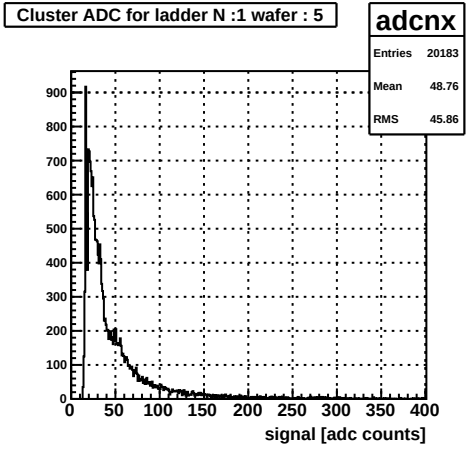

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 20314
Mean 61.7
RMS 56.48
signal [adc counts]

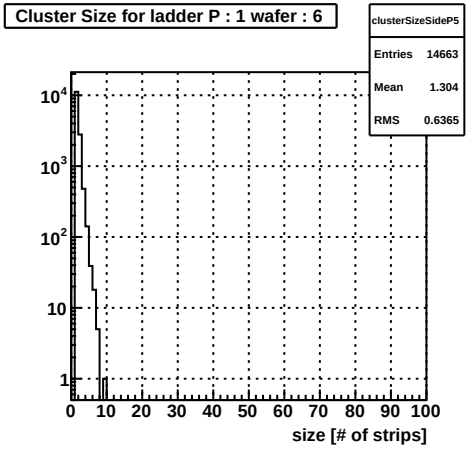

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 19595
Mean 1.335
RMS 0.6573
size [# of strips]

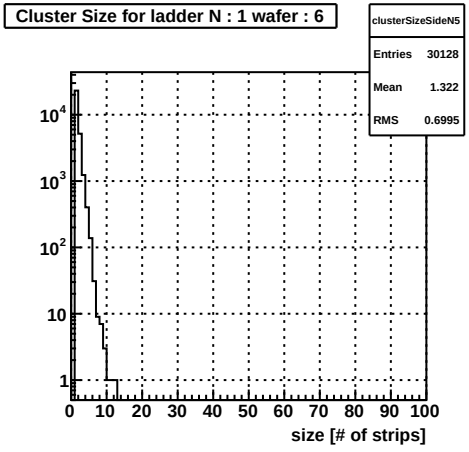

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 20183
Mean 1.338
RMS 0.6719
size [# of strips]

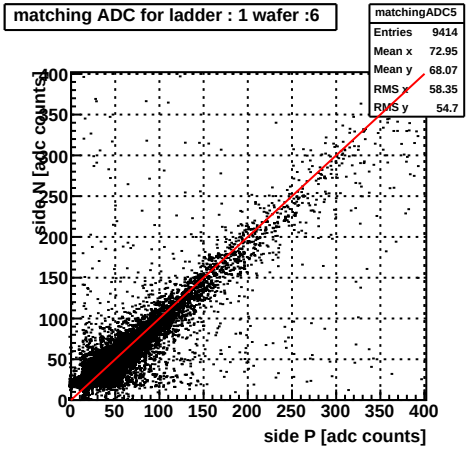

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10126
Mean x 75.01
Mean y 64.37
RMS x 57.45
RMS y 52.94
side N [adc counts]
side P [adc counts]

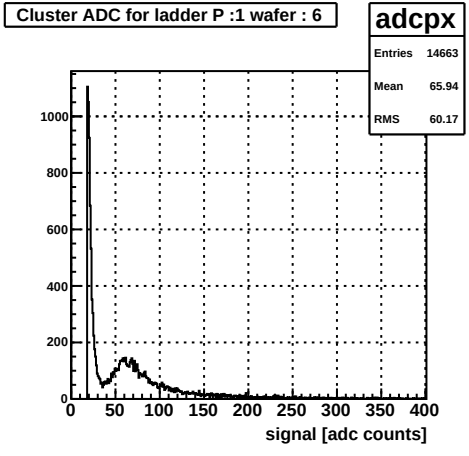

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 19595
Mean 68.24
RMS 61.42
signal [adc counts]

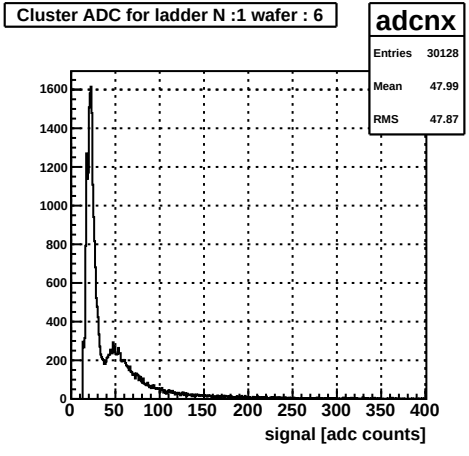

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 20183
Mean 48.76
RMS 45.86
signal [adc counts]

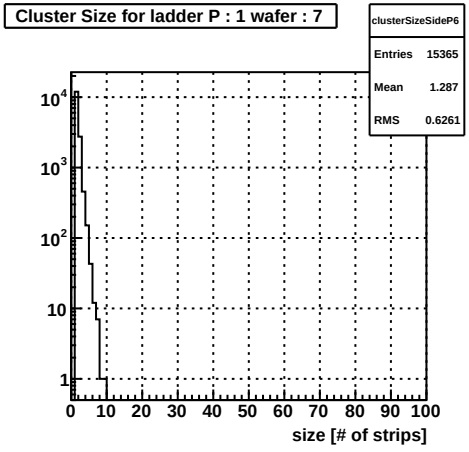

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 14663
Mean 1.304
RMS 0.6365
size [# of strips]

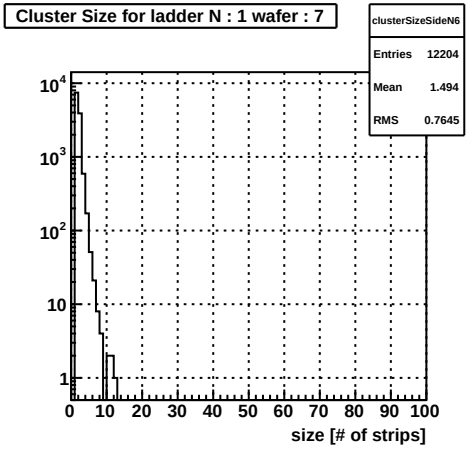

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 30128
Mean 1.322
RMS 0.6995
size [# of strips]

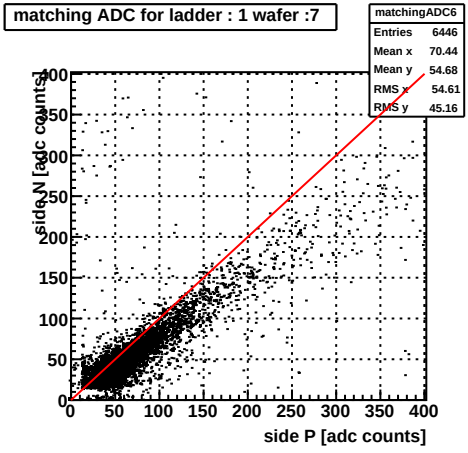

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9414
Mean x 72.95
Mean y 68.07
RMS x 58.35
RMS y 54.7
side N [adc counts]
side P [adc counts]

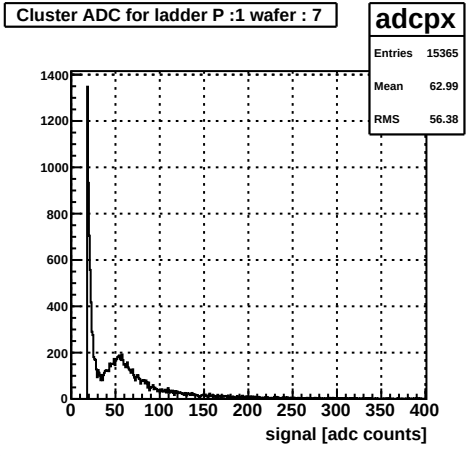

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 14663
Mean 65.94
RMS 60.17
signal [adc counts]

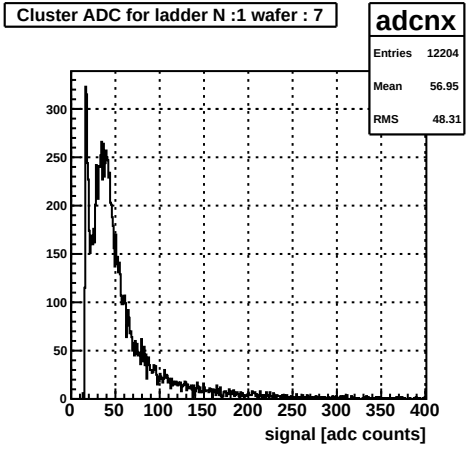

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 30128
Mean 47.99
RMS 47.87
signal [adc counts]

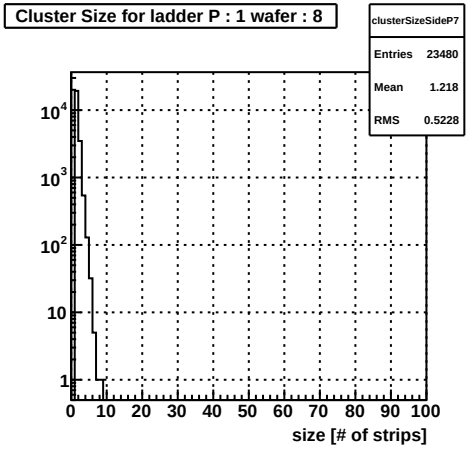

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 15365
Mean 1.287
RMS 0.6261
size [# of strips]

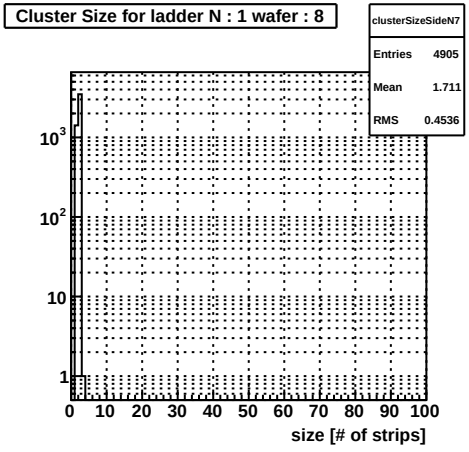

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 12204
Mean 1.494
RMS 0.7645
size [# of strips]

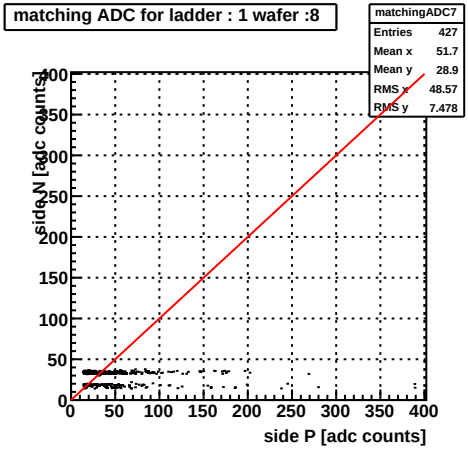

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6446
Mean x 70.44
Mean y 54.68
RMS x 54.61
RMS y 45.16
side N [adc counts]
side P [adc counts]

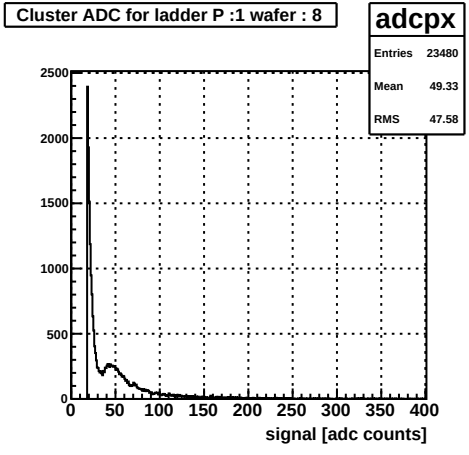

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 15365
Mean 62.99
RMS 56.38
signal [adc counts]

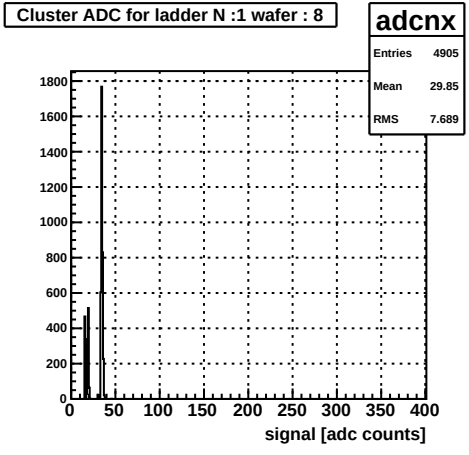

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 12204
Mean 56.95
RMS 48.31
signal [adc counts]

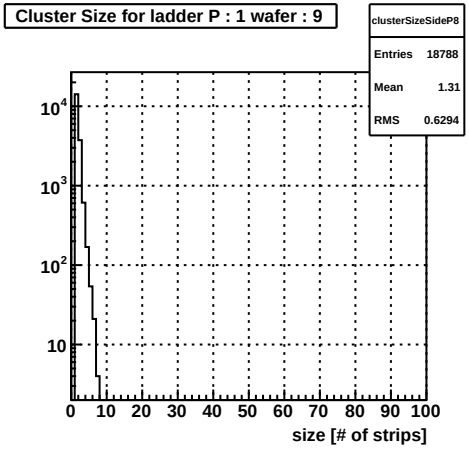

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 23480
Mean 1.218
RMS 0.5228
size [# of strips]

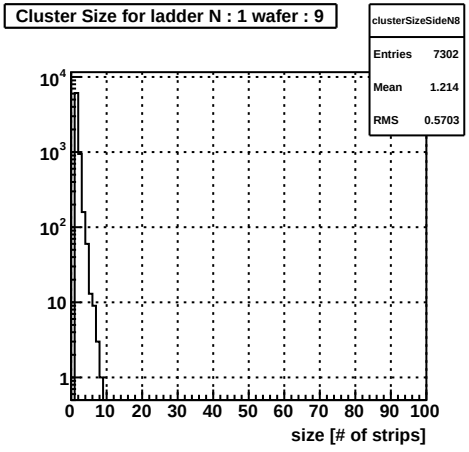

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 4905
Mean 1.711
RMS 0.4536
size [# of strips]

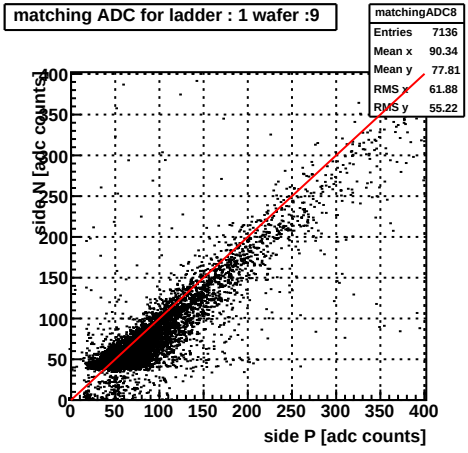

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 427
Mean x 51.7
Mean y 28.9
RMS x 48.57
RMS y 7.478
side N [adc counts]
side P [adc counts]

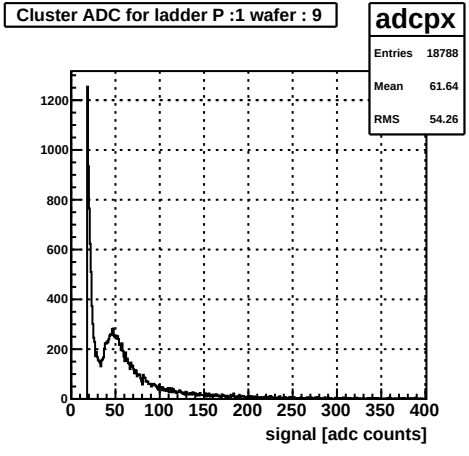

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 23480
Mean 49.33
RMS 47.58
signal [adc counts]

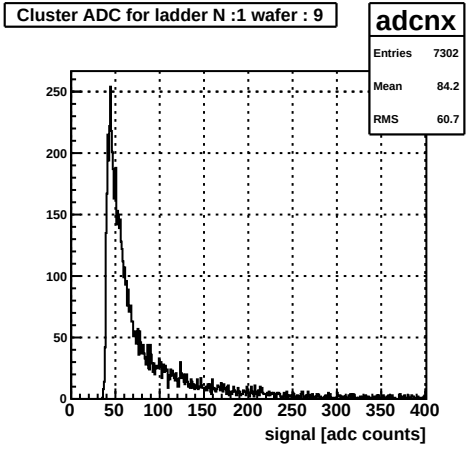

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 4905
Mean 29.85
RMS 7.689
signal [adc counts]

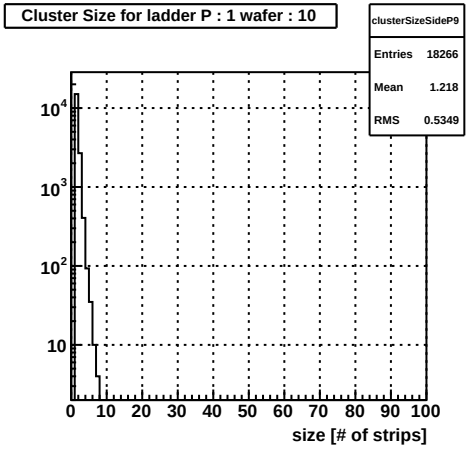

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 18788
Mean 1.31
RMS 0.6294
size [# of strips]

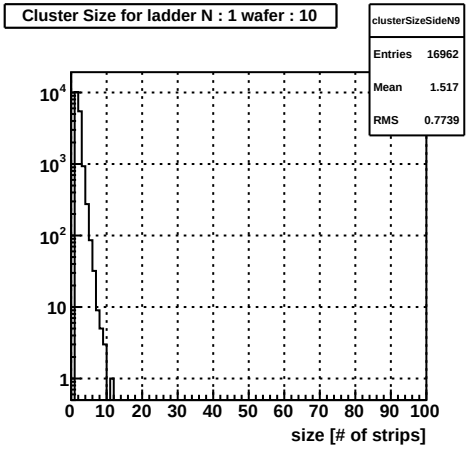

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 7302
Mean 1.214
RMS 0.5703
size [# of strips]

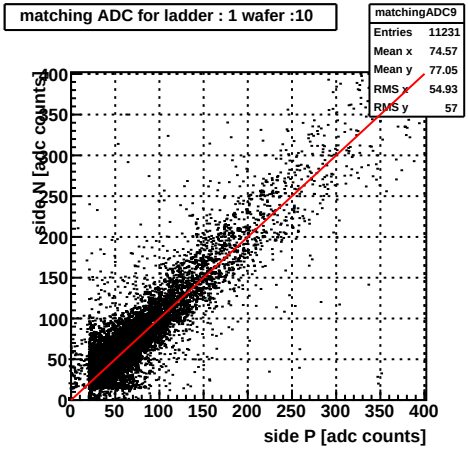

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 7136
Mean x 90.34
Mean y 77.81
RMS x 61.88
RMS y 55.22
side N [adc counts]
side P [adc counts]

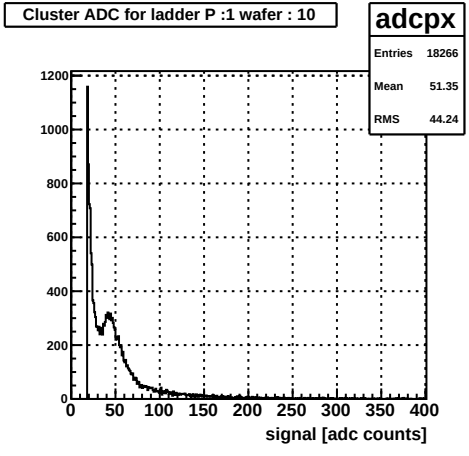

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 18788
Mean 61.64
RMS 54.26
signal [adc counts]

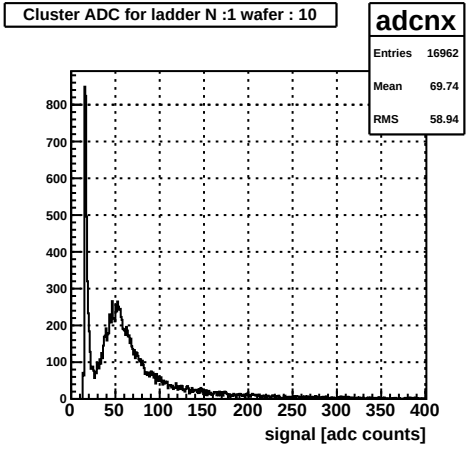

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 7302
Mean 84.2
RMS 60.7
signal [adc counts]

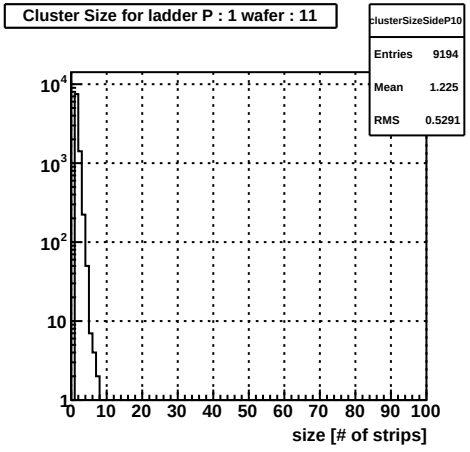

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 18266
Mean 1.218
RMS 0.5349
size [# of strips]

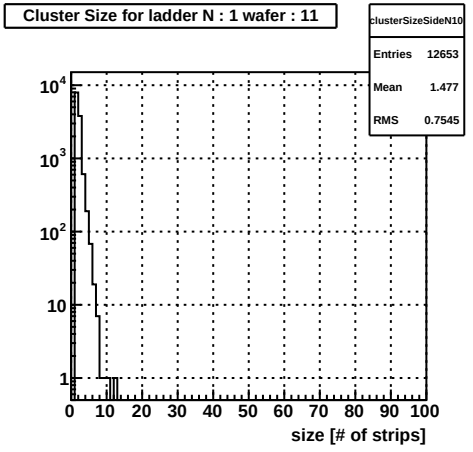

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 16962
Mean 1.517
RMS 0.7739
size [# of strips]

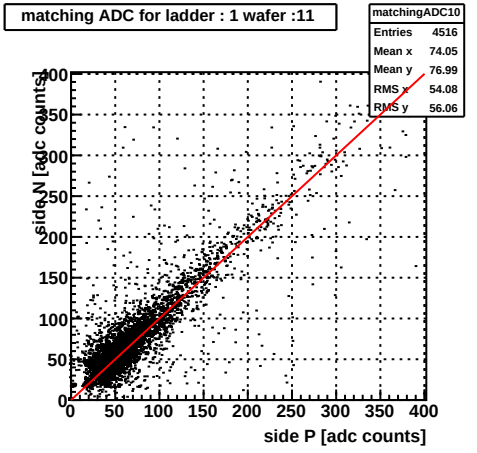

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 11231
Mean x 74.57
Mean y 77.05
RMS x 54.93
RMS y 57
side N [adc counts]
side P [adc counts]

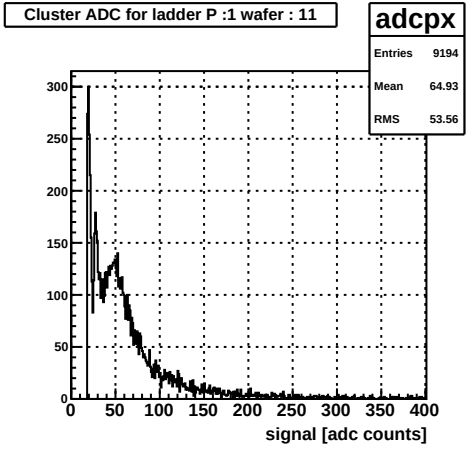

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 18266
Mean 51.35
RMS 44.24
signal [adc counts]

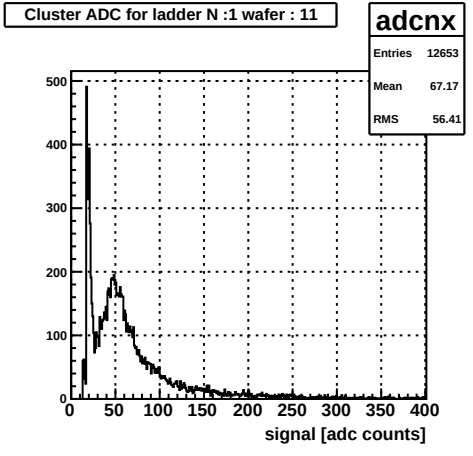

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 16962
Mean 69.74
RMS 58.94
signal [adc counts]

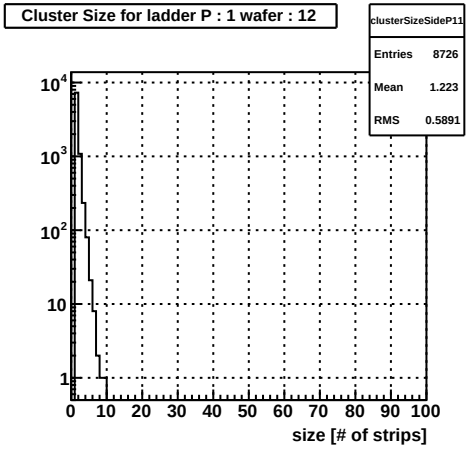

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9194
Mean 1.225
RMS 0.5291
size [# of strips]

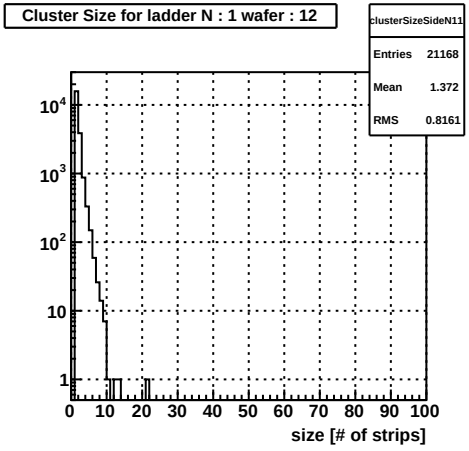

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 12653
Mean 1.477
RMS 0.7545
size [# of strips]

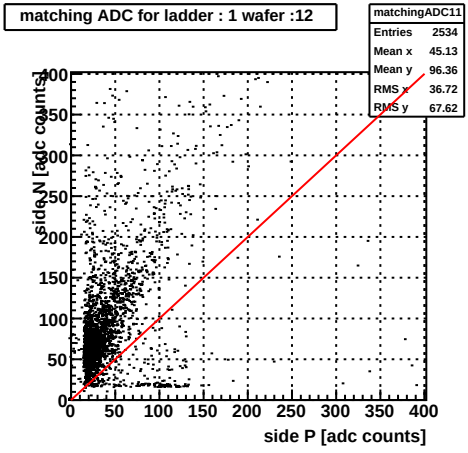

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4516
Mean x 74.05
Mean y 76.99
RMS x 54.08
RMS y 56.06
side N [adc counts]
side P [adc counts]

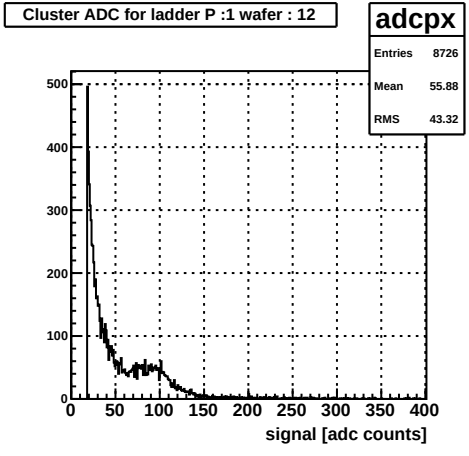

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9194
Mean 64.93
RMS 53.56
signal [adc counts]

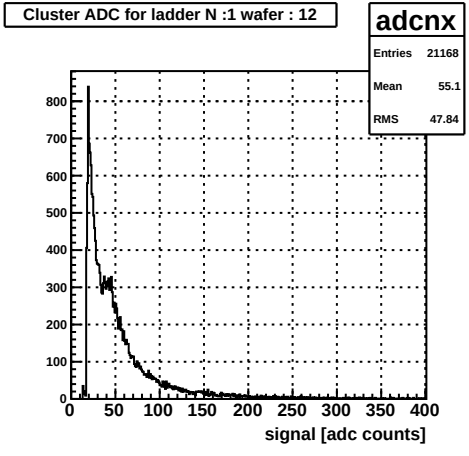

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 12653
Mean 67.17
RMS 56.41
signal [adc counts]

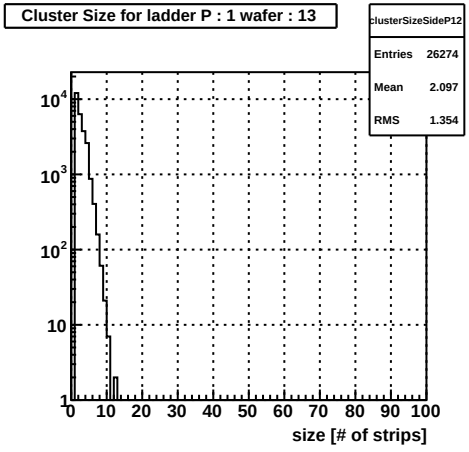

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 8726
Mean 1.223
RMS 0.5891
size [# of strips]

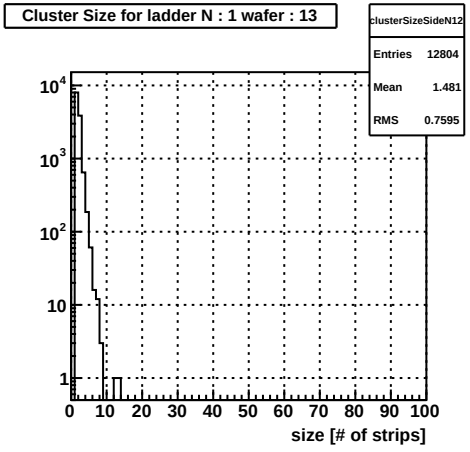

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 21168
Mean 1.372
RMS 0.8161
size [# of strips]

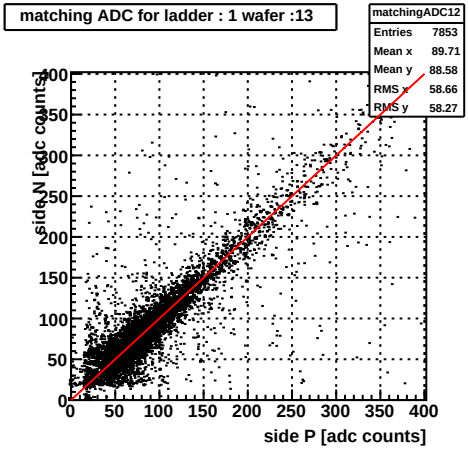

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2534
Mean x 45.13
Mean y 96.36
RMS x 36.72
RMS y 67.62
side N [adc counts]
side P [adc counts]

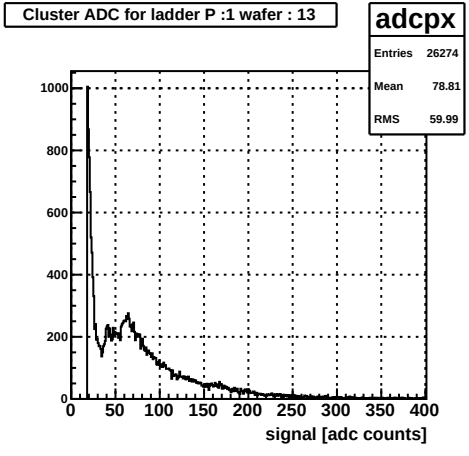

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 8726
Mean 55.88
RMS 43.32
signal [adc counts]

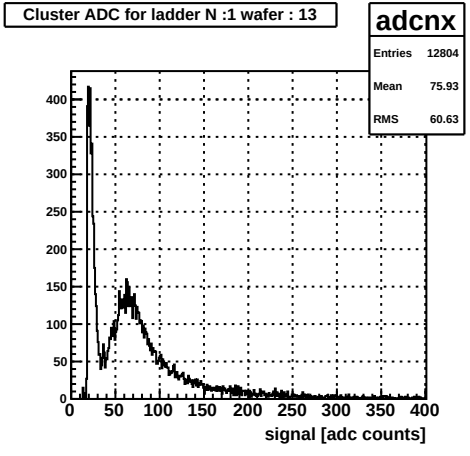

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 21168
Mean 55.1
RMS 47.84
signal [adc counts]

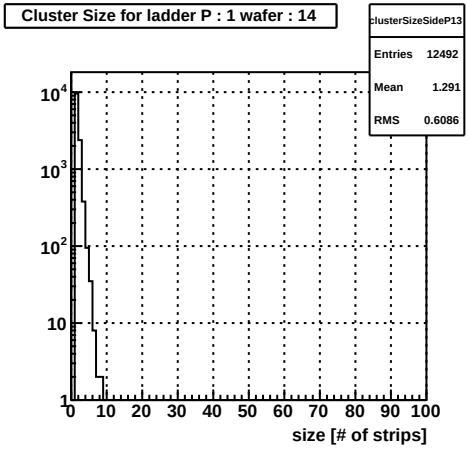

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 26274
Mean 2.097
RMS 1.354
size [# of strips]

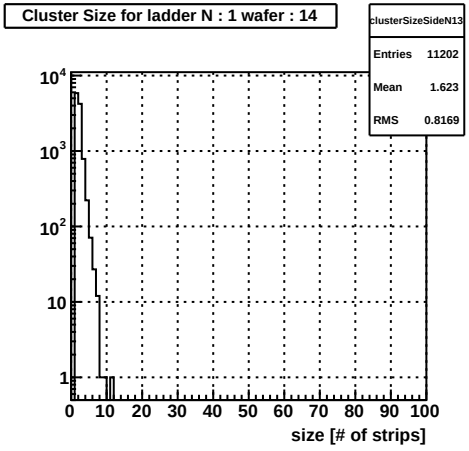

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12804
Mean 1.481
RMS 0.7595
size [# of strips]

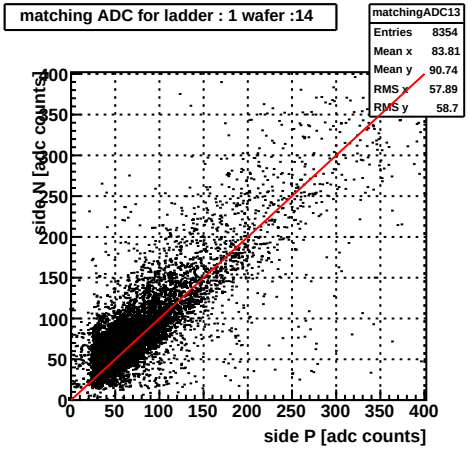

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 7853
Mean x 89.71
Mean y 88.58
RMS x 58.66
RMS y 58.27
side N [adc counts]
side P [adc counts]

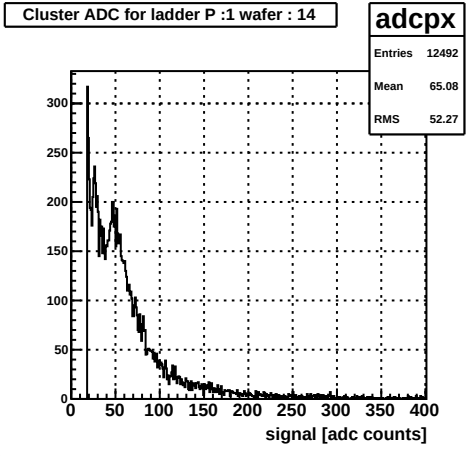

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 26274
Mean 78.81
RMS 59.99
signal [adc counts]

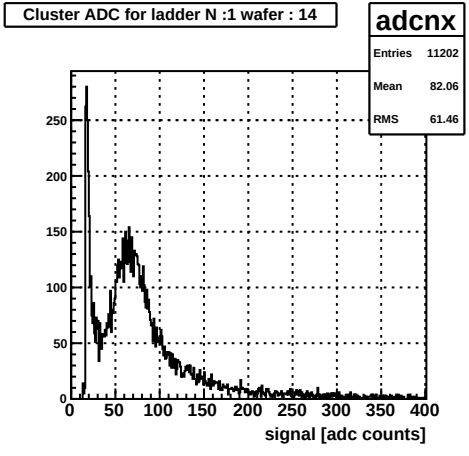

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12804
Mean 75.93
RMS 60.63
signal [adc counts]

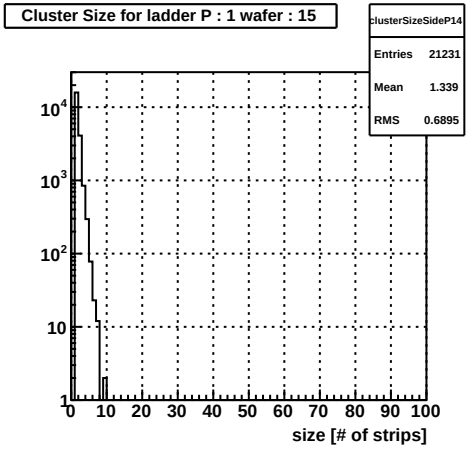

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 12492
Mean 1.291
RMS 0.6086
size [# of strips]

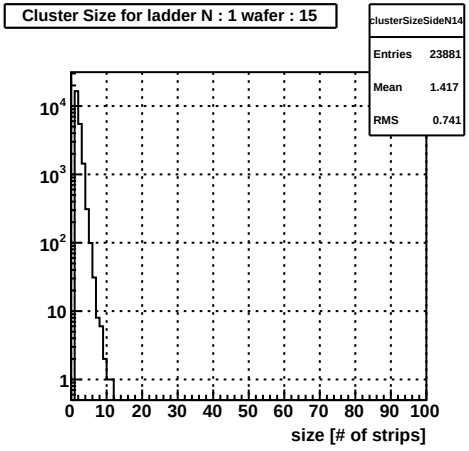

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 11202
Mean 1.623
RMS 0.8169
size [# of strips]

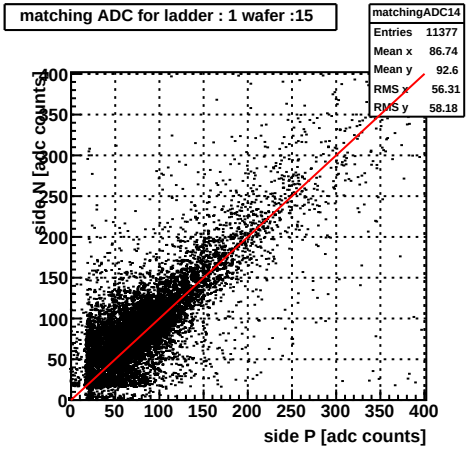

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8354
Mean x 83.81
Mean y 90.74
RMS x 57.89
RMS y 58.7
side N [adc counts]
side P [adc counts]

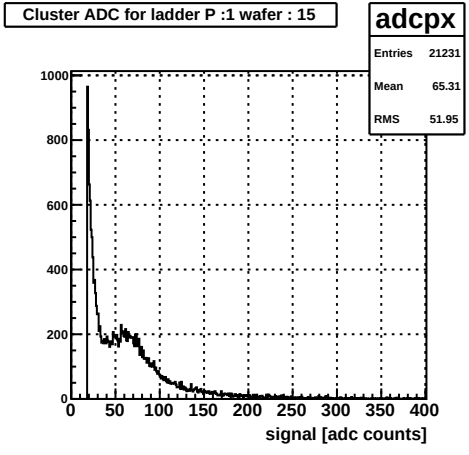

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 12492
Mean 65.08
RMS 52.27
signal [adc counts]

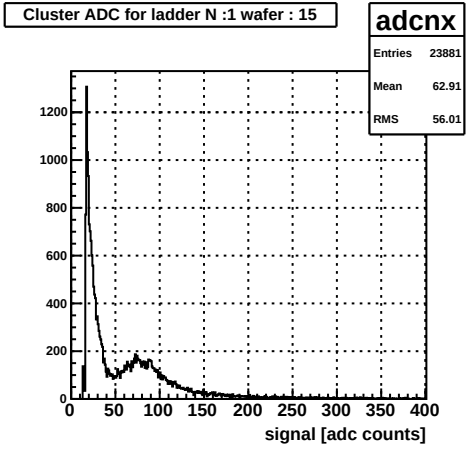

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 11202
Mean 82.06
RMS 61.46
signal [adc counts]

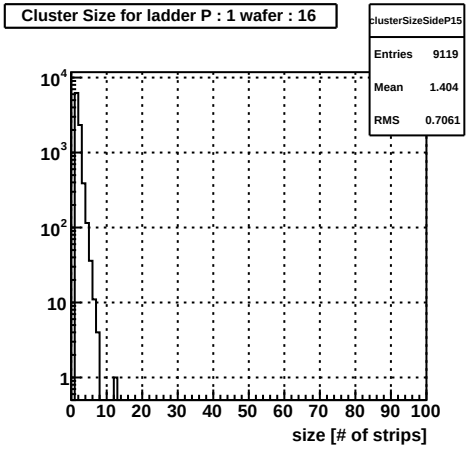

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 21231
Mean 1.339
RMS 0.6895
size [# of strips]

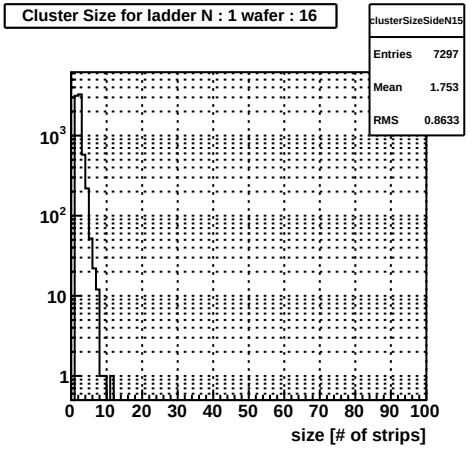

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 23881
Mean 1.417
RMS 0.741
size [# of strips]

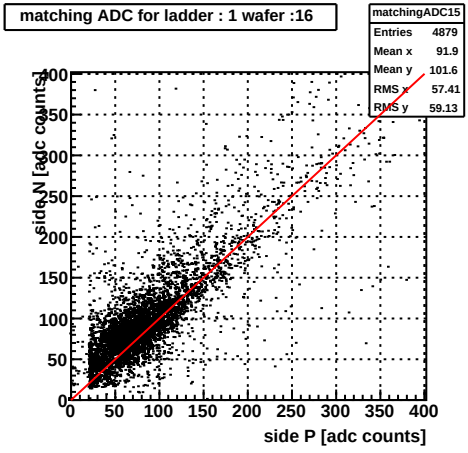

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 11377
Mean x 86.74
Mean y 92.6
RMS x 56.31
RMS y 58.18
side N [adc counts]
side P [adc counts]

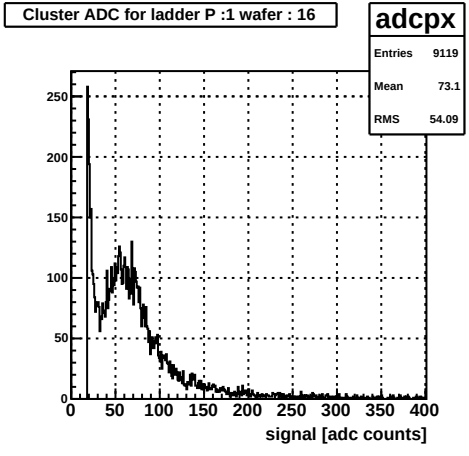

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 21231
Mean 65.31
RMS 51.95
signal [adc counts]

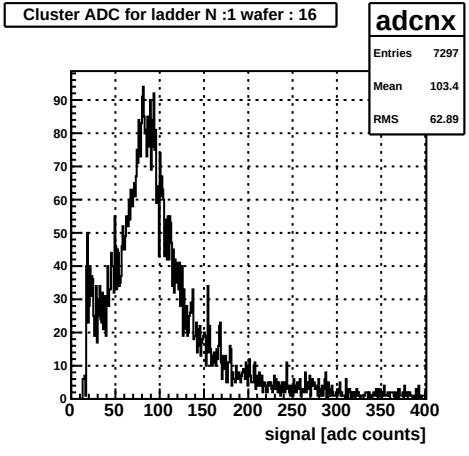

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 23881
Mean 62.91
RMS 56.01
signal [adc counts]

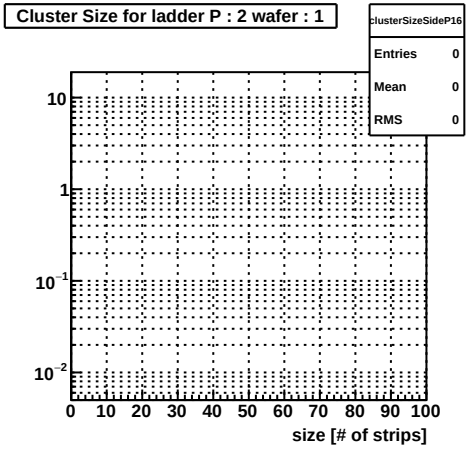

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 9119
Mean 1.404
RMS 0.7061
size [# of strips]

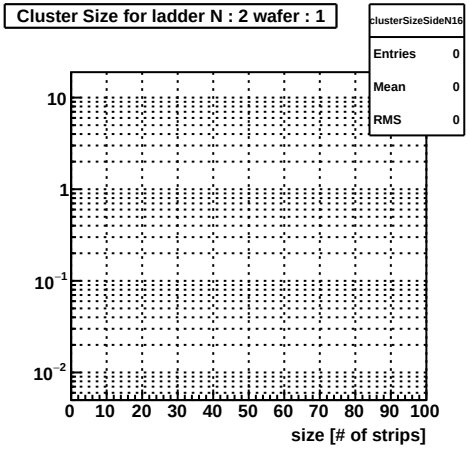

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7297
Mean 1.753
RMS 0.8633
size [# of strips]

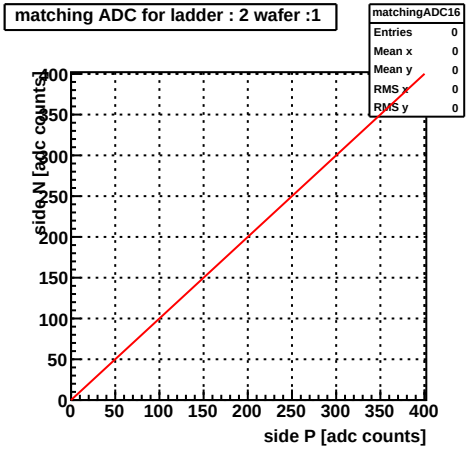

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 4879
Mean x 91.9
Mean y 101.6
RMS x 57.41
RMS y 59.13
side N [adc counts]
side P [adc counts]

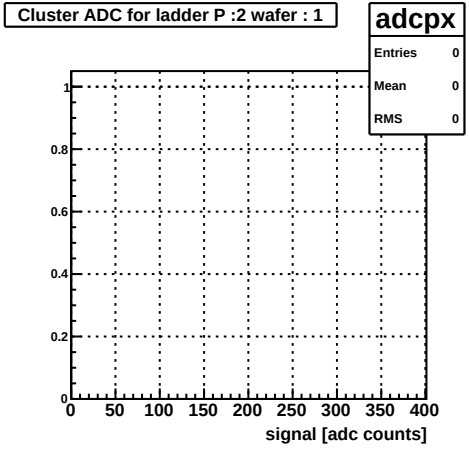

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 9119
Mean 73.1
RMS 54.09
signal [adc counts]

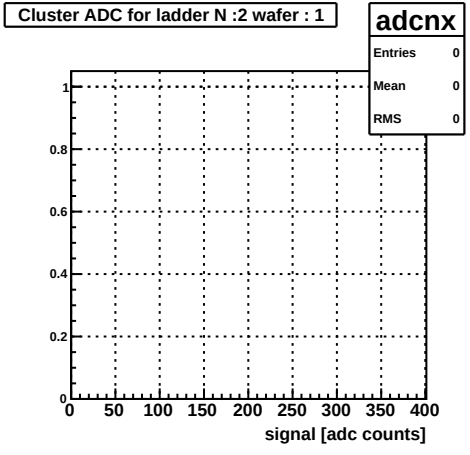

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7297
Mean 103.4
RMS 62.89
signal [adc counts]

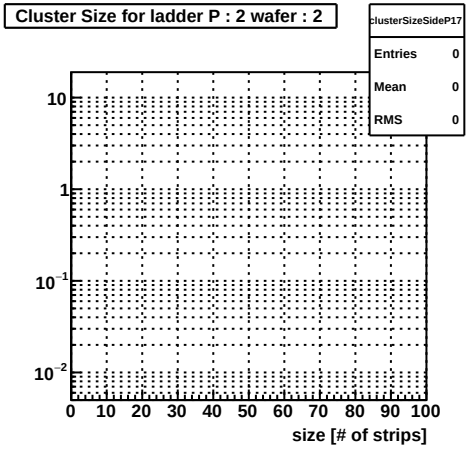

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

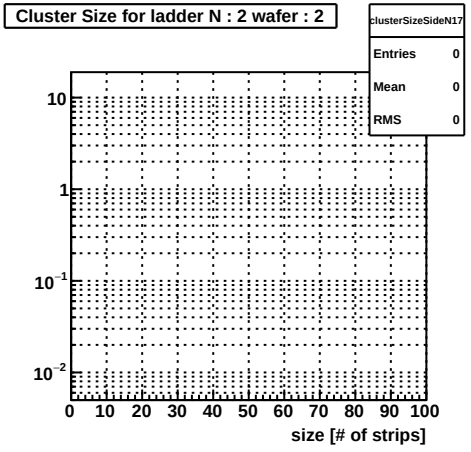

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

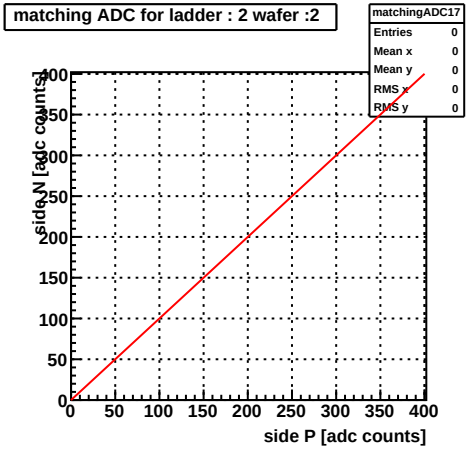

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

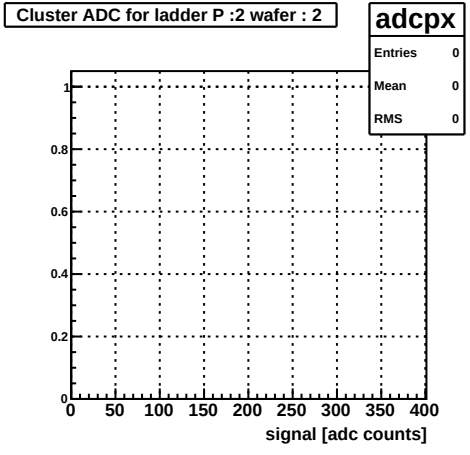

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

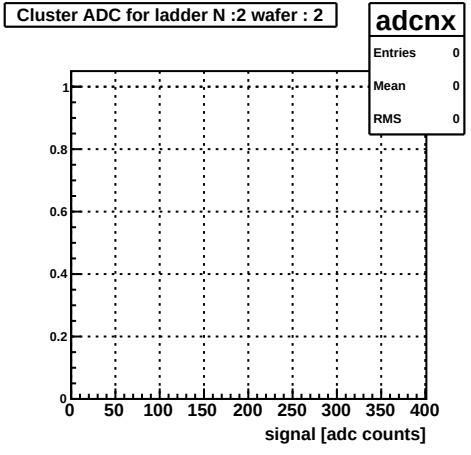

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

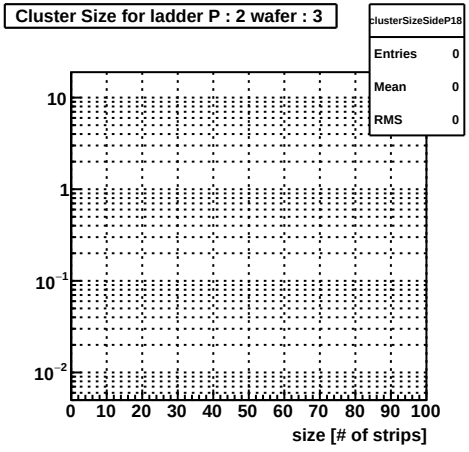

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

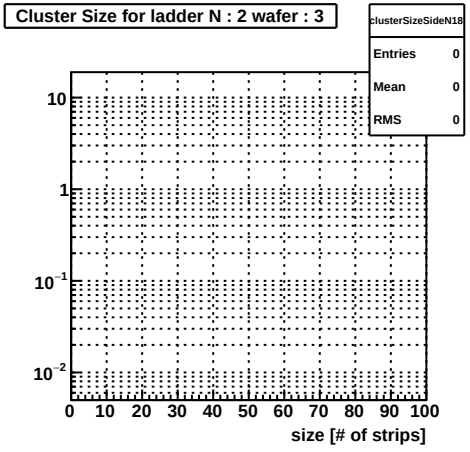

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

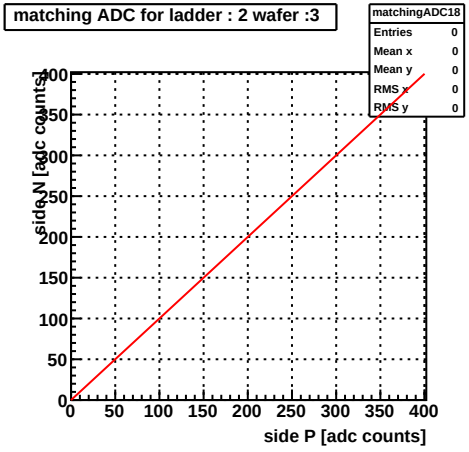

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

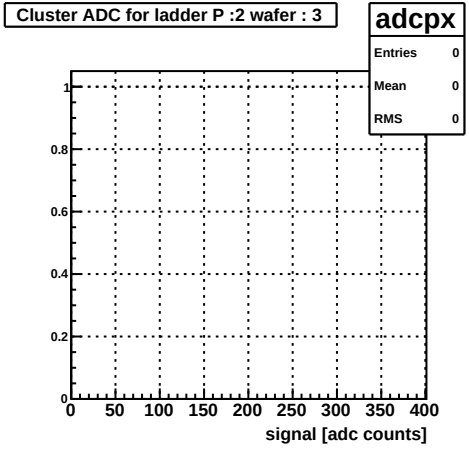

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

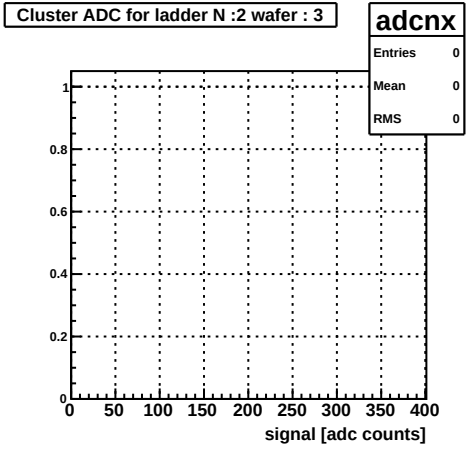

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

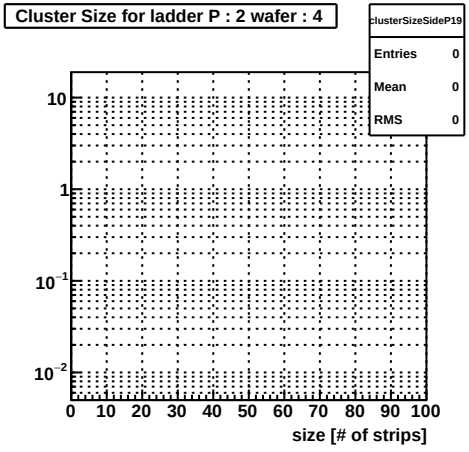

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

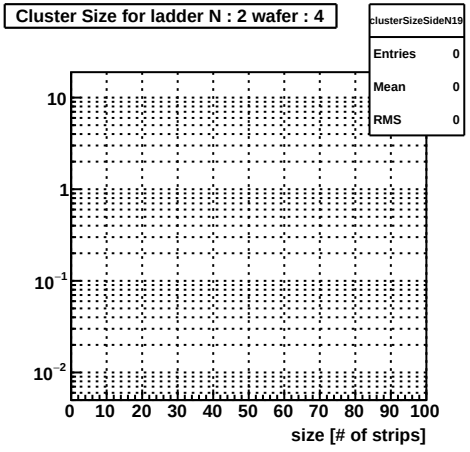

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

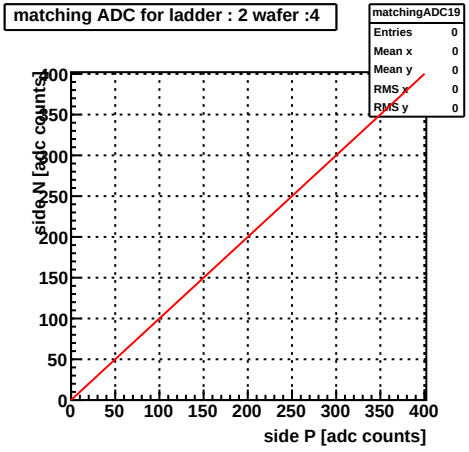

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

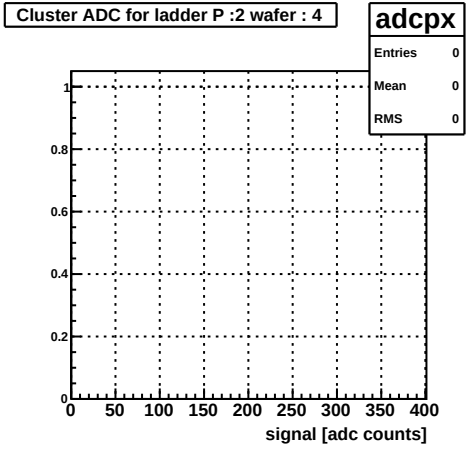

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

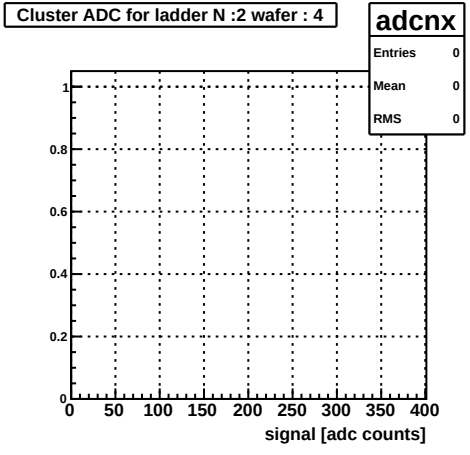

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

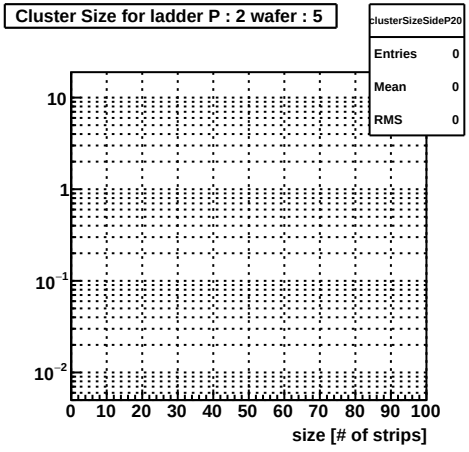

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

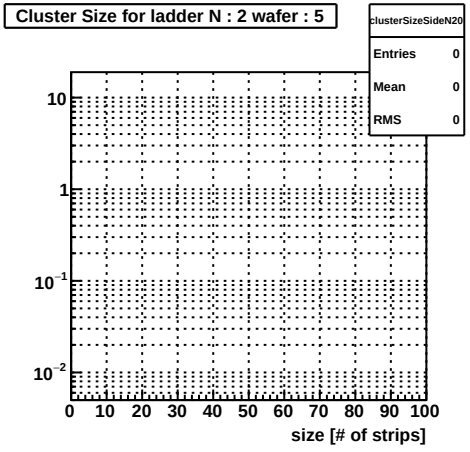

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

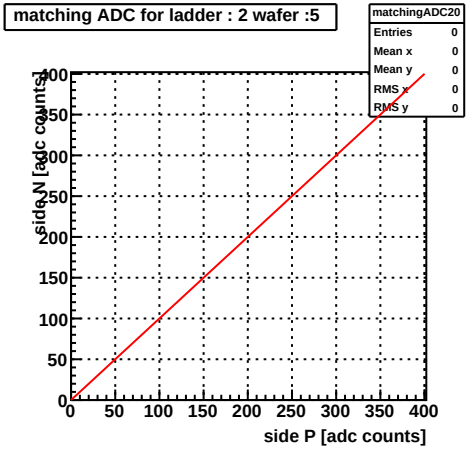

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

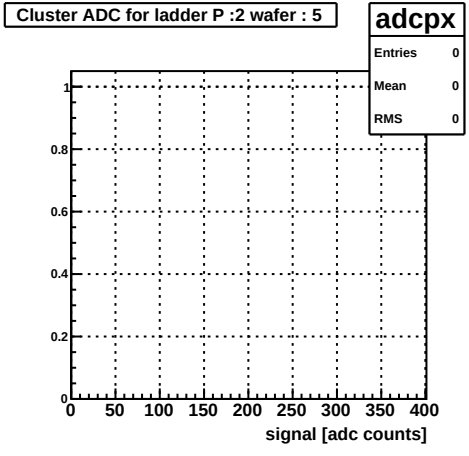

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

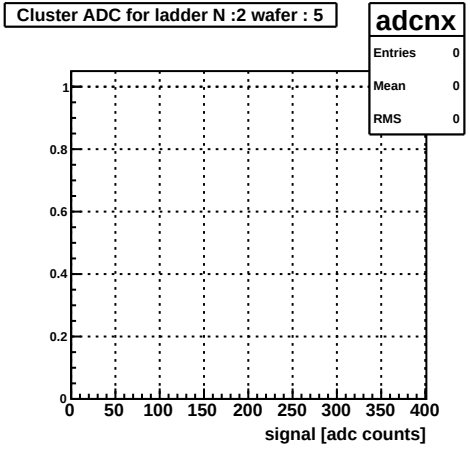

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

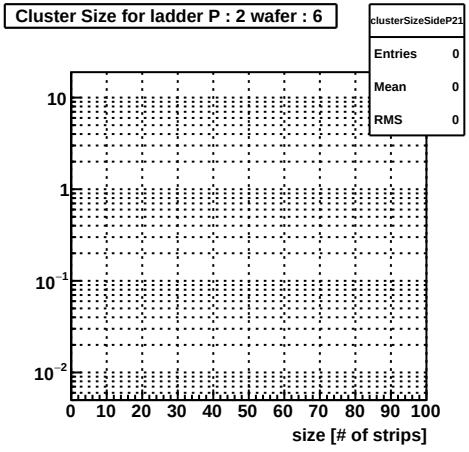

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

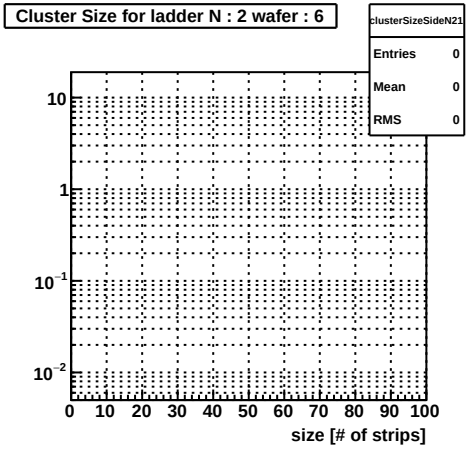

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

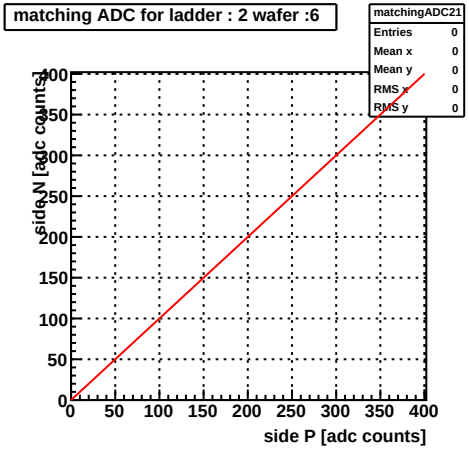

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

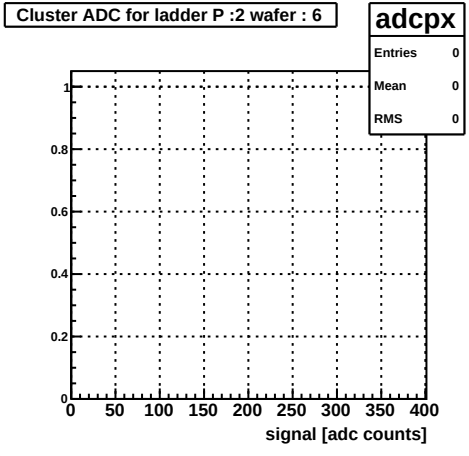

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

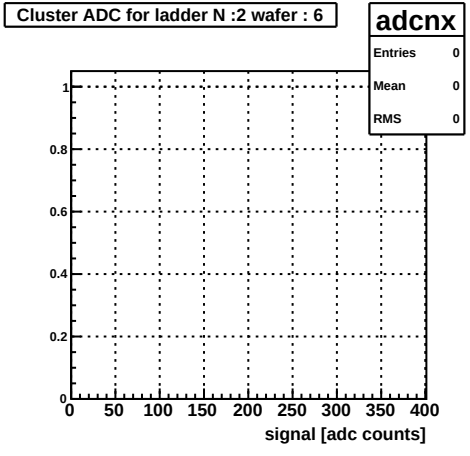

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

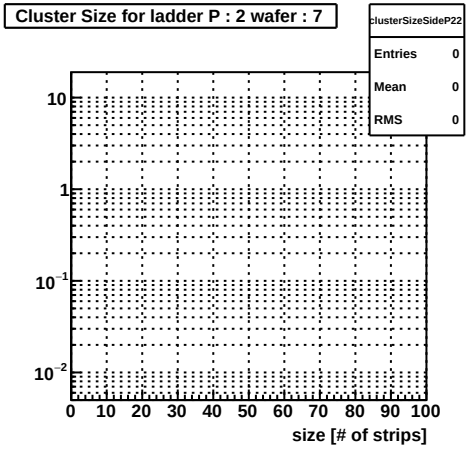

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

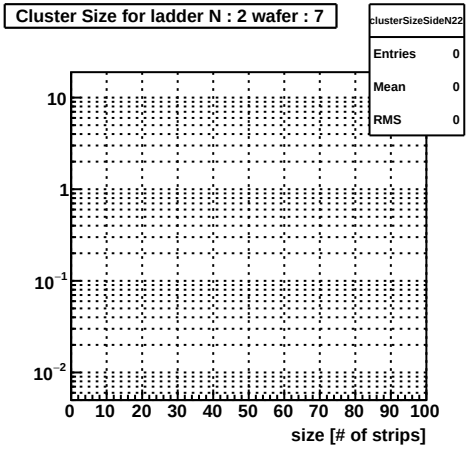

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

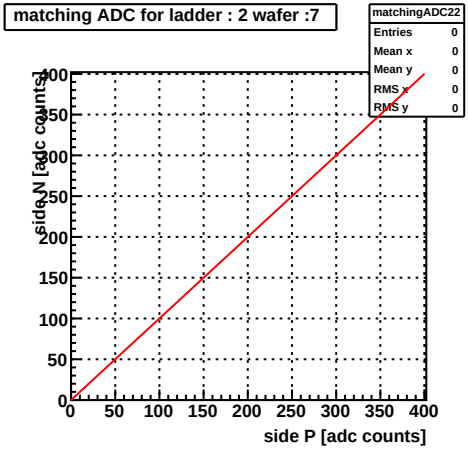

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

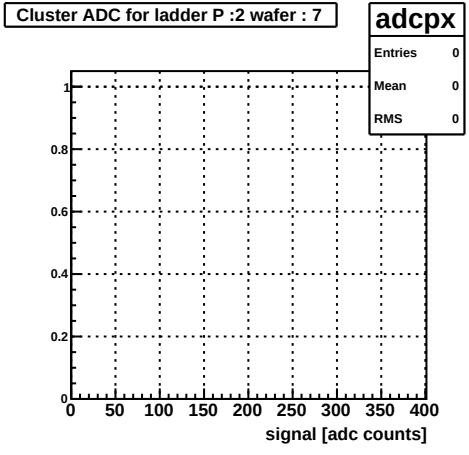

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

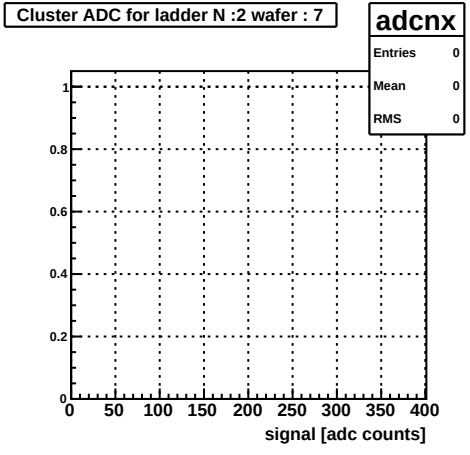

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

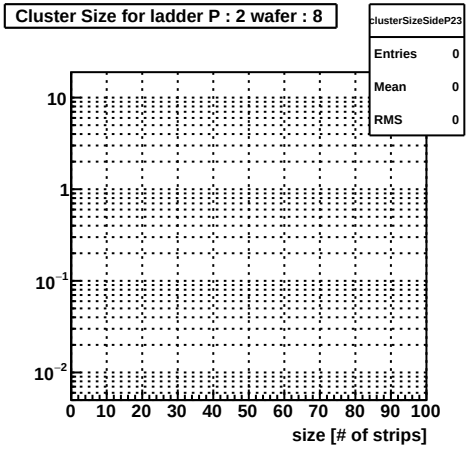

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

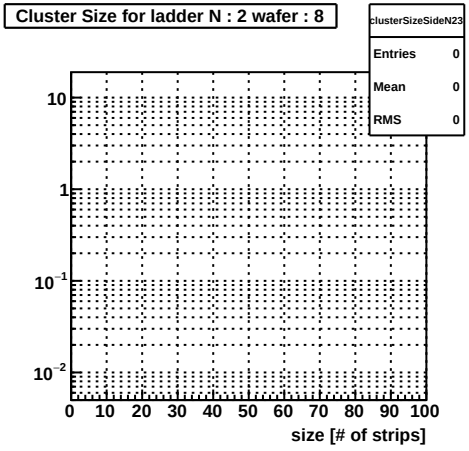

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

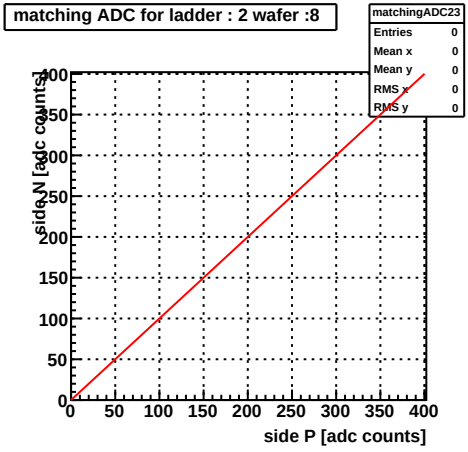

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

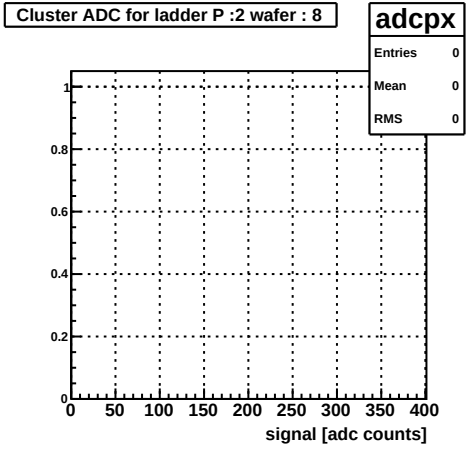

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

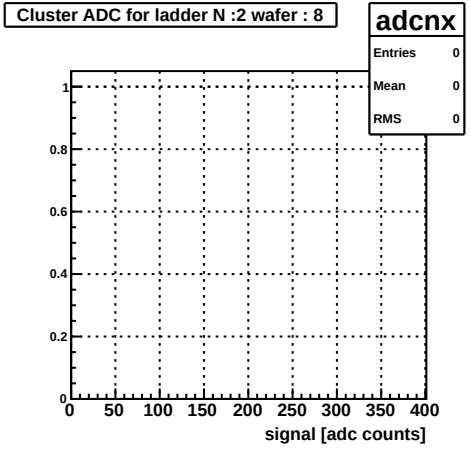

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

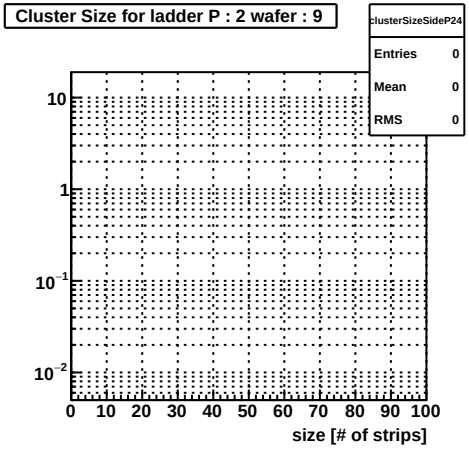

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

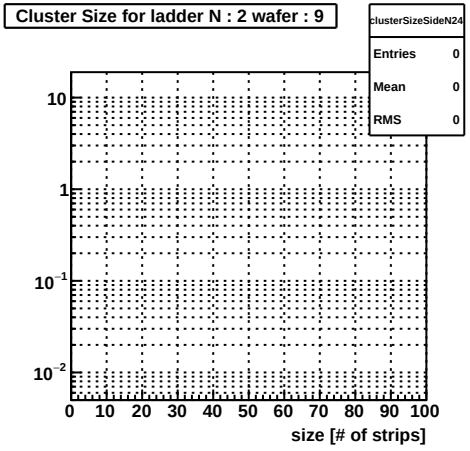

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

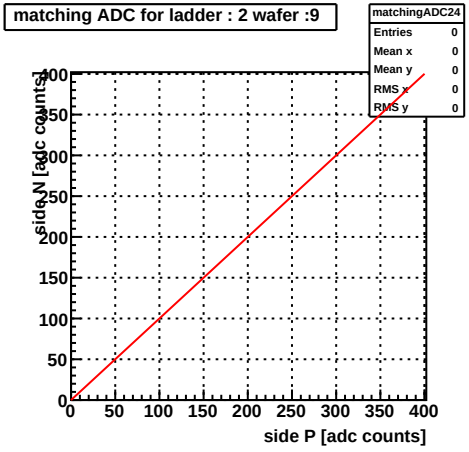

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

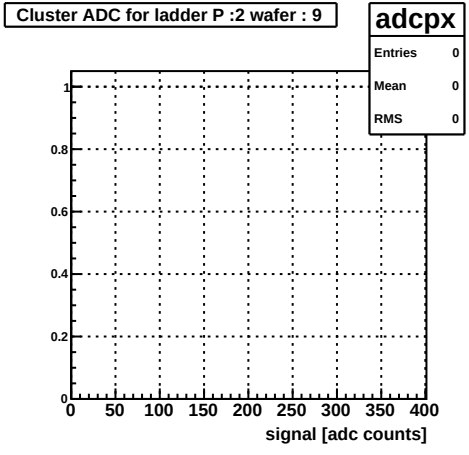

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

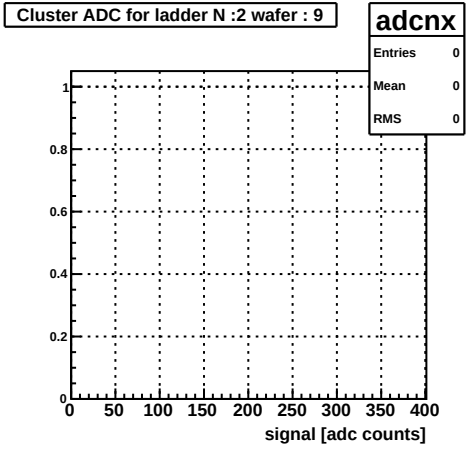

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

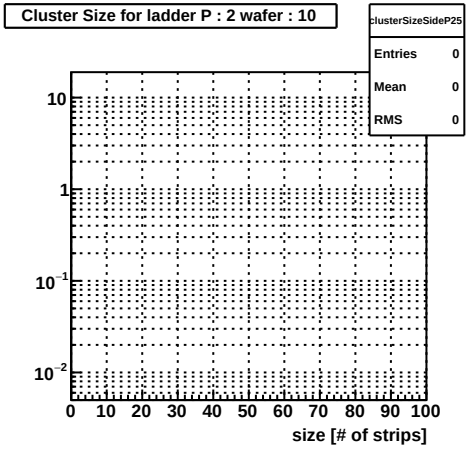

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

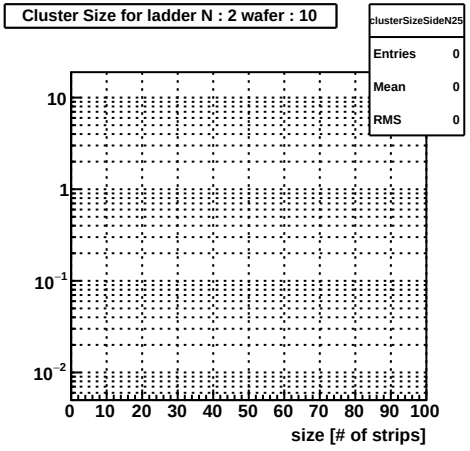

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

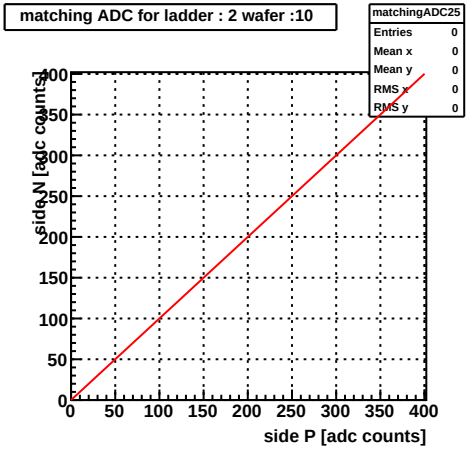

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

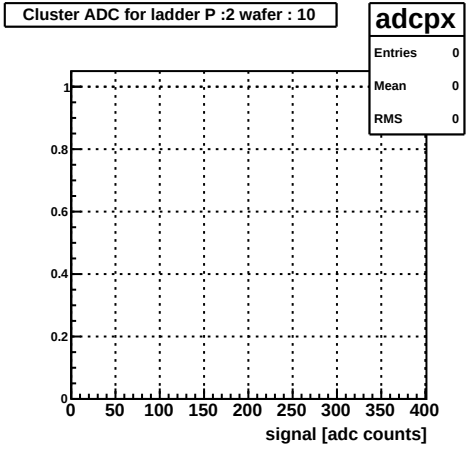

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

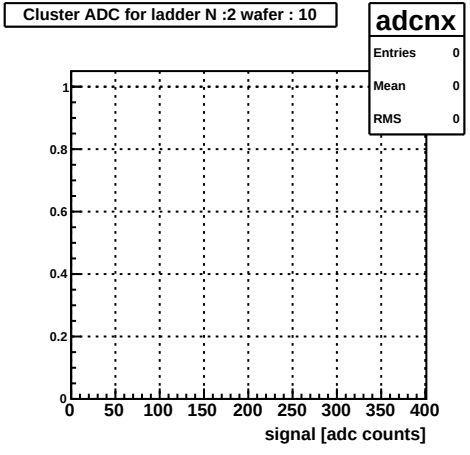

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

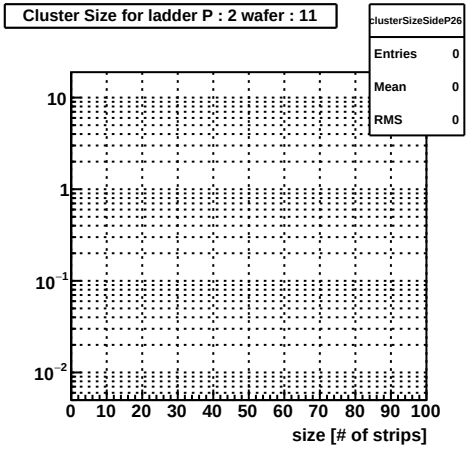

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

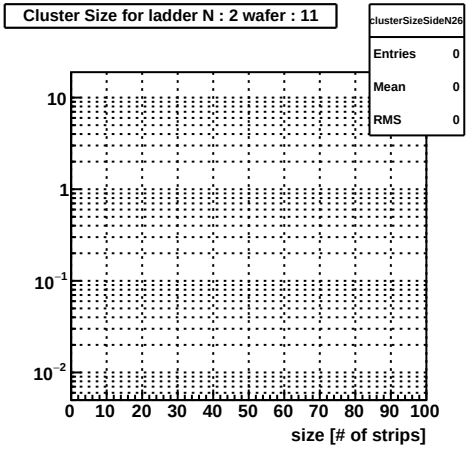

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

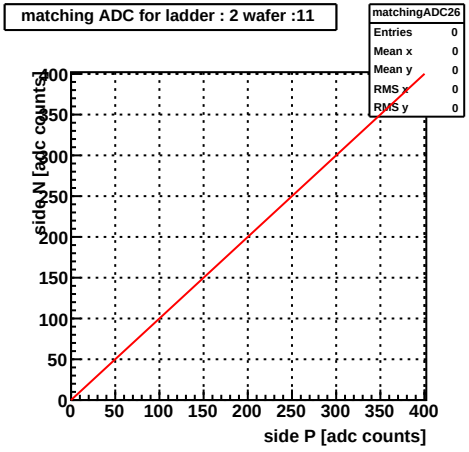

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

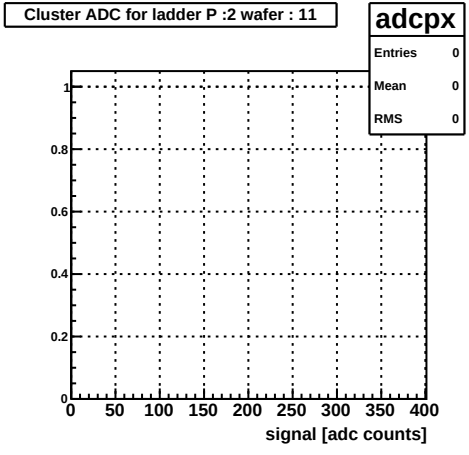

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

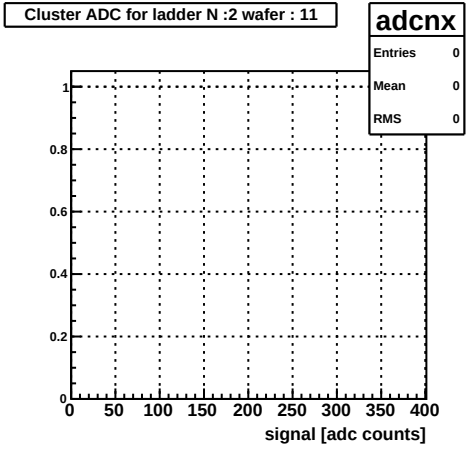

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

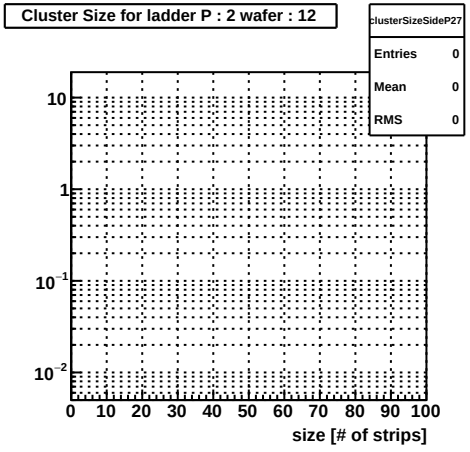

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

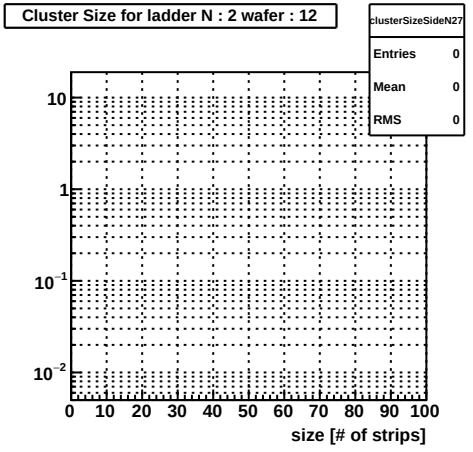

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

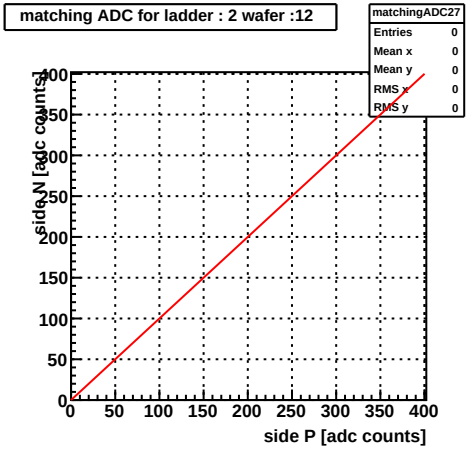

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

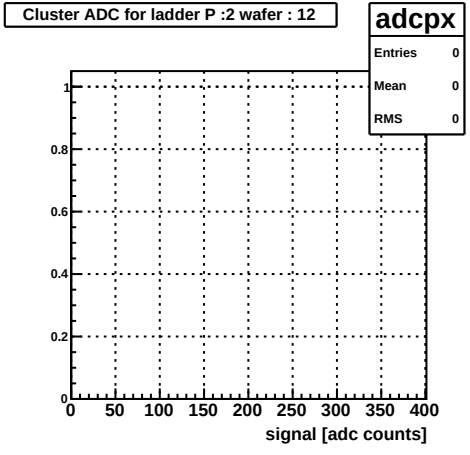

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

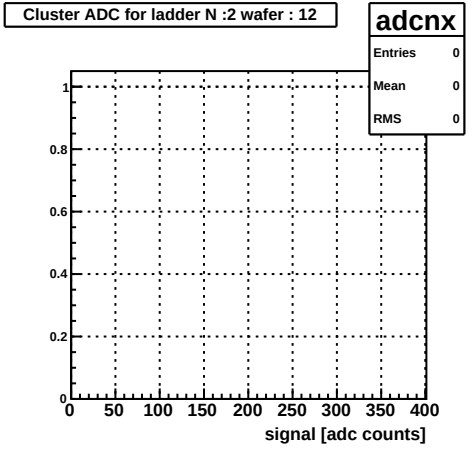

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

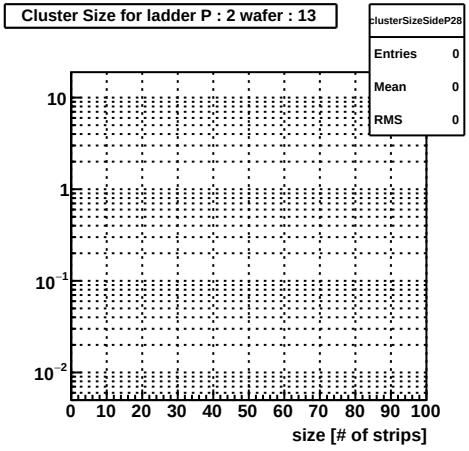

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

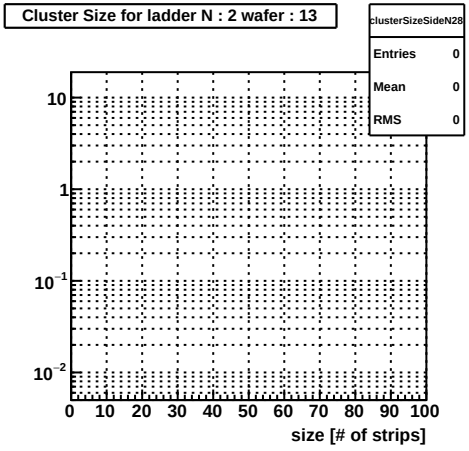

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

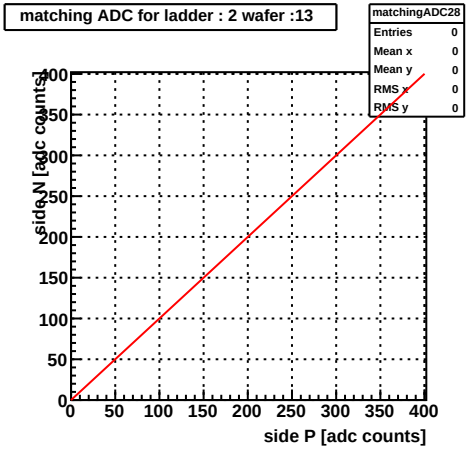

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

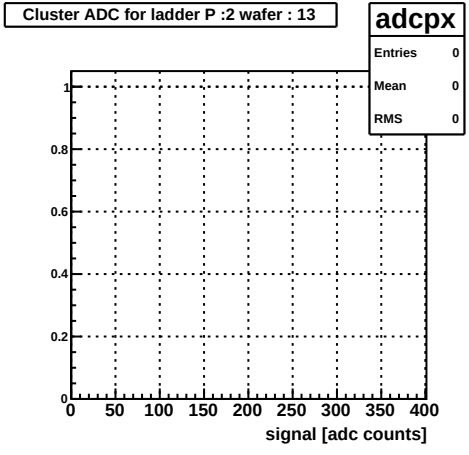

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

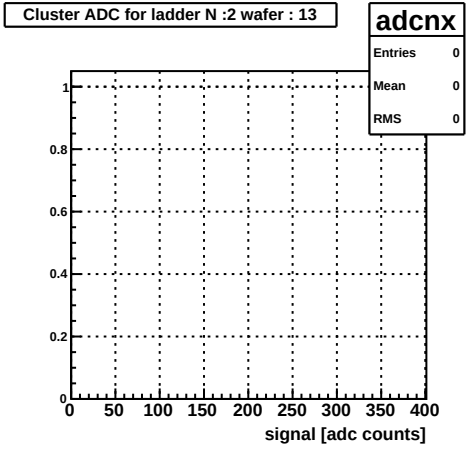

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

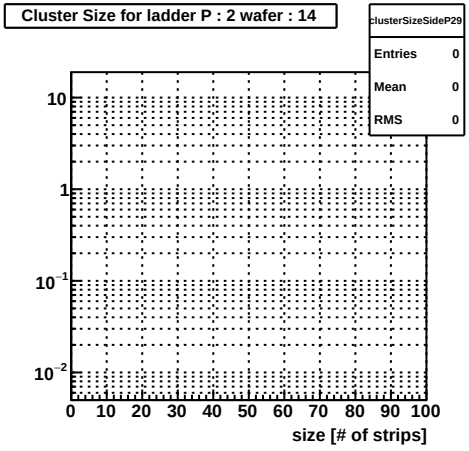

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

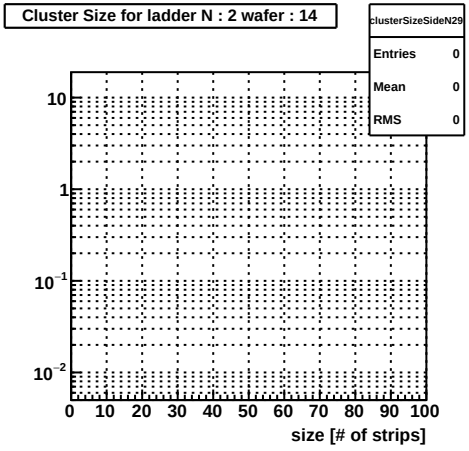

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

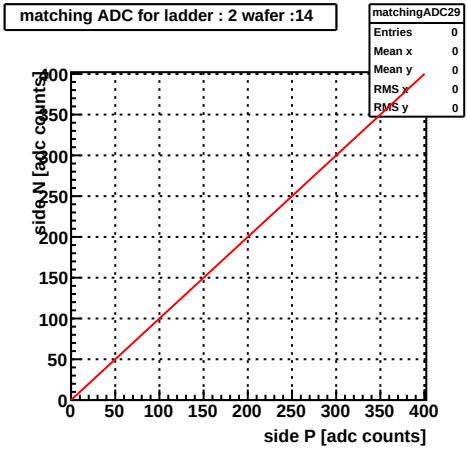

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

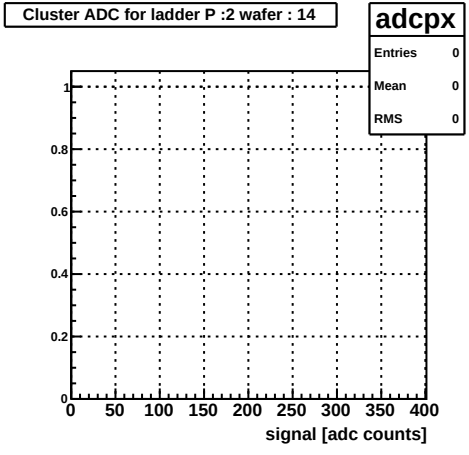

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

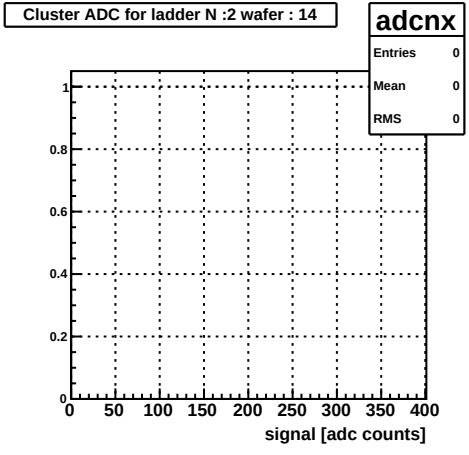

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

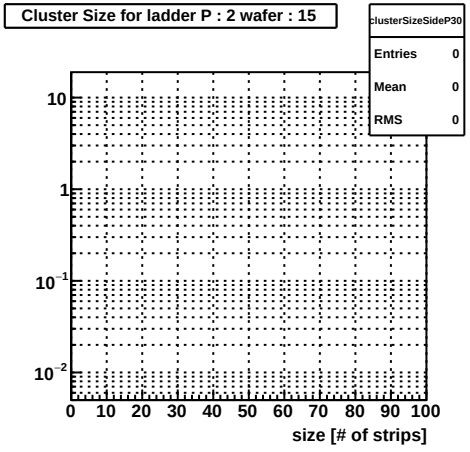

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

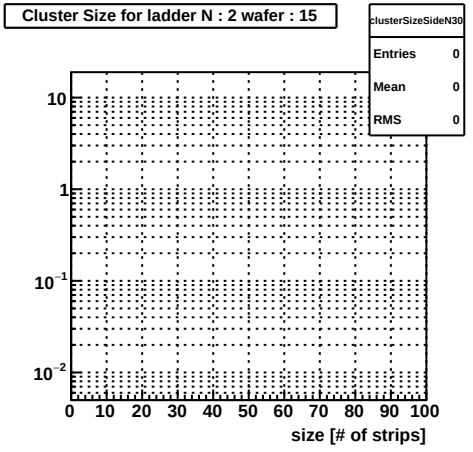

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

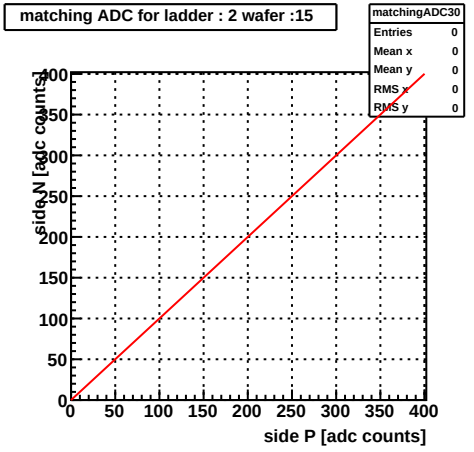

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

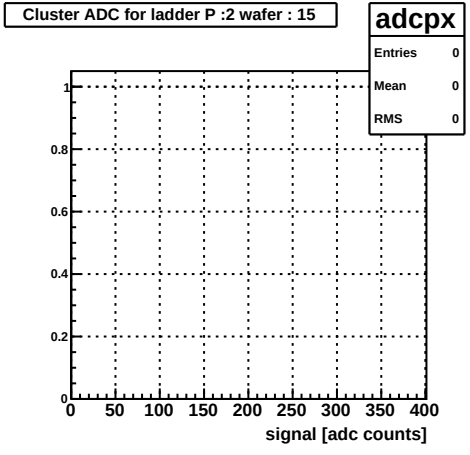

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

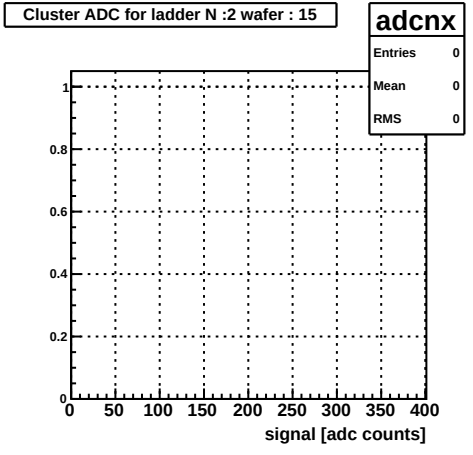

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

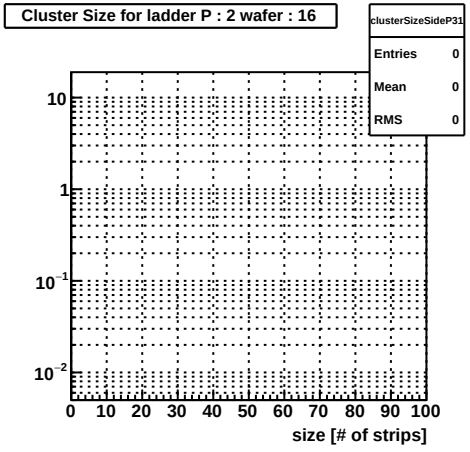

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

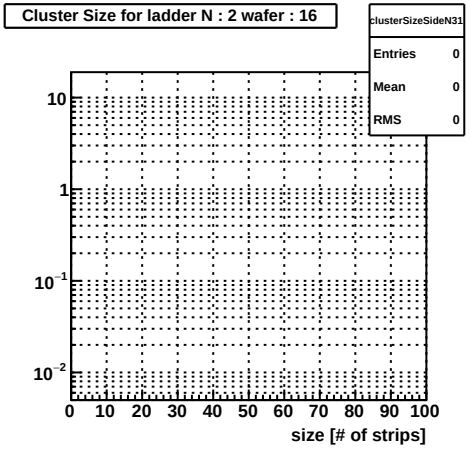

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

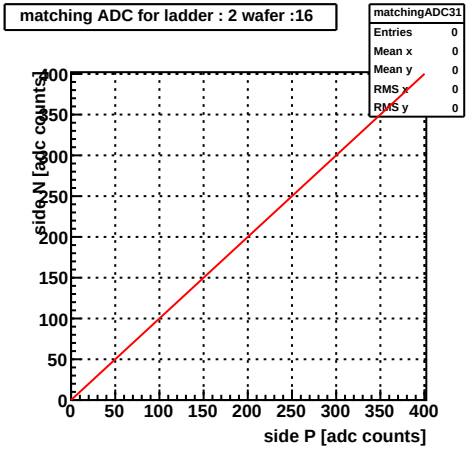

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

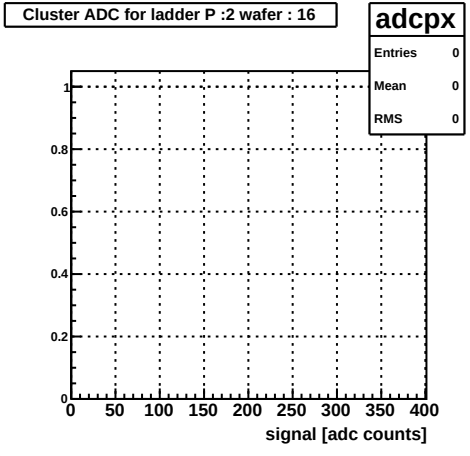

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

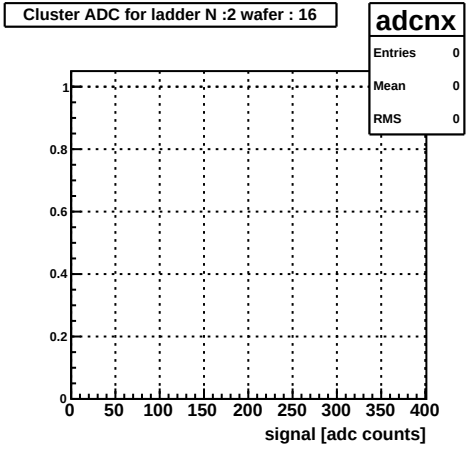

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

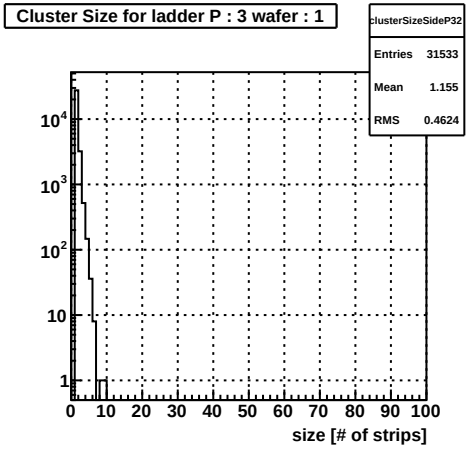

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

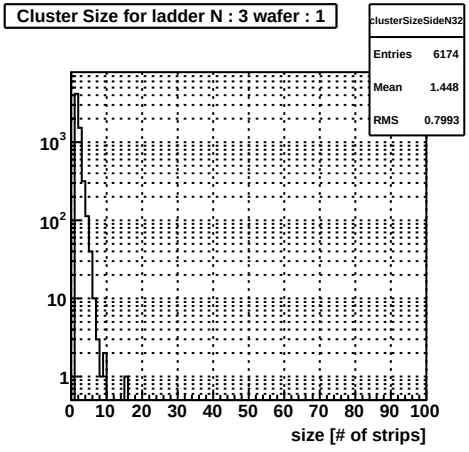

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

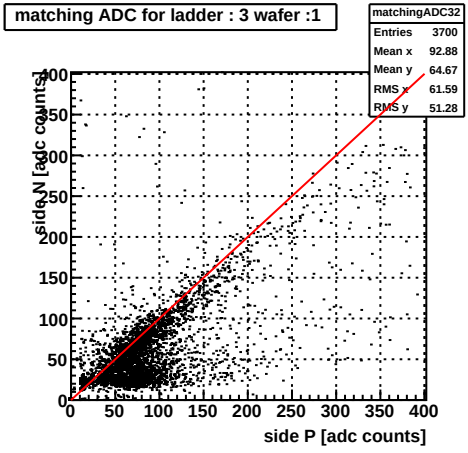

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

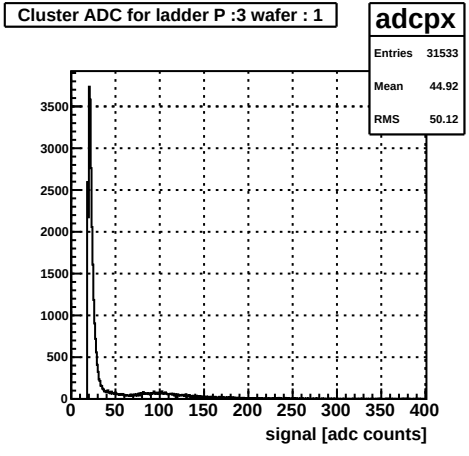

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

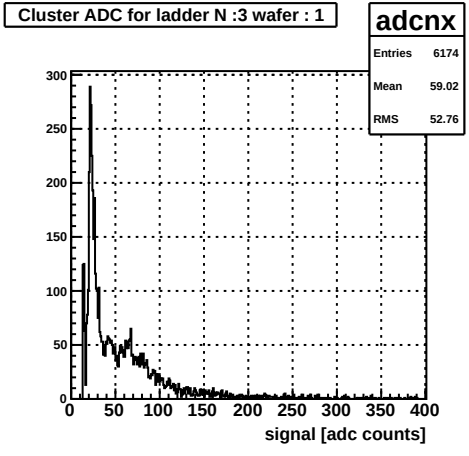

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

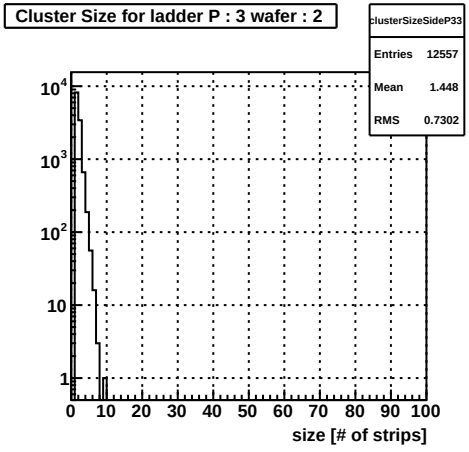

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 31533
Mean 1.155
RMS 0.4624
size [# of strips]

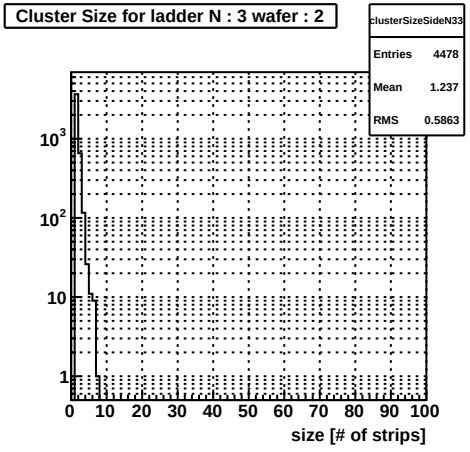

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 6174
Mean 1.448
RMS 0.7993
size [# of strips]

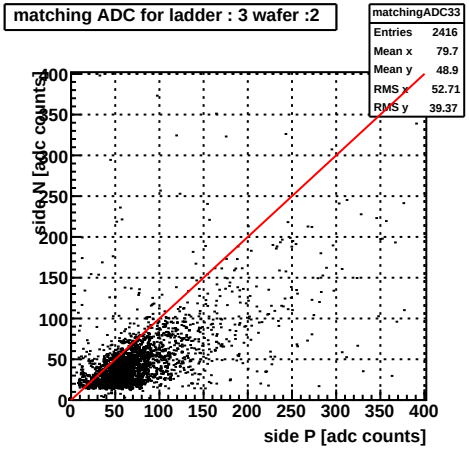

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3700
Mean x 92.88
Mean y 64.67
RMS x 61.59
RMS y 51.28
side N [adc counts]
side P [adc counts]

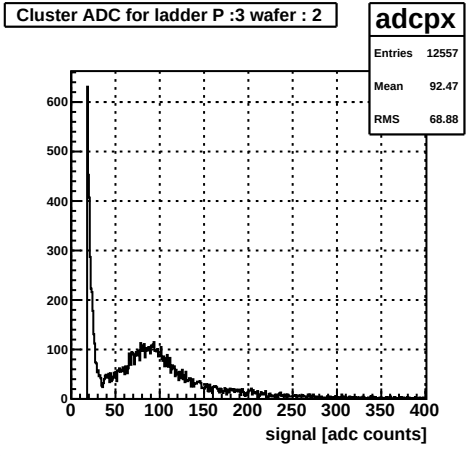

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 31533
Mean 44.92
RMS 50.12
signal [adc counts]

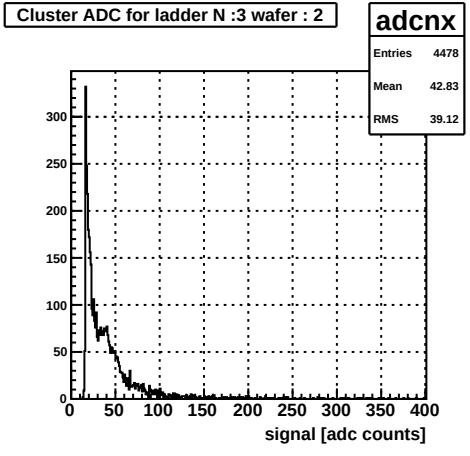

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 6174
Mean 59.02
RMS 52.76
signal [adc counts]

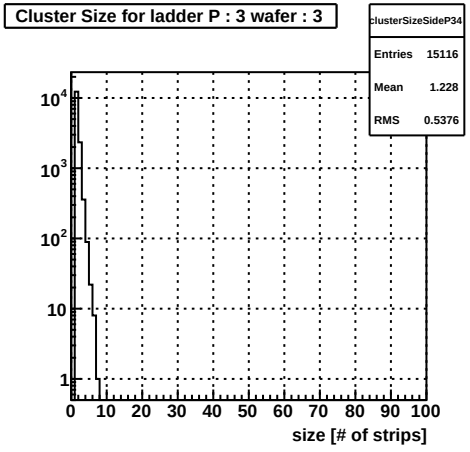

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12557
Mean 1.448
RMS 0.7302
size [# of strips]

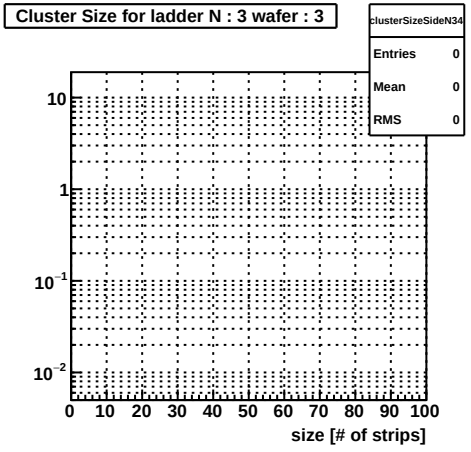

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 4478
Mean 1.237
RMS 0.5863
size [# of strips]

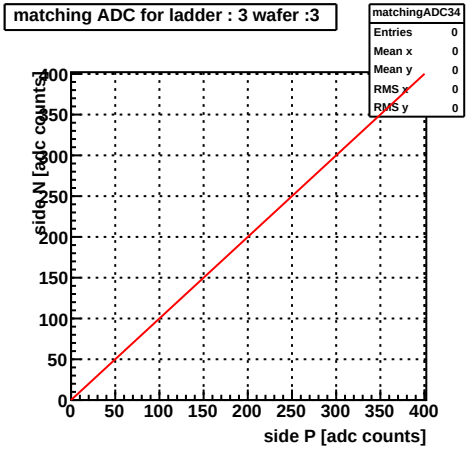

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2416
Mean x 79.7
Mean y 48.9
RMS x 52.71
RMS y 39.37
side N [adc counts]
side P [adc counts]

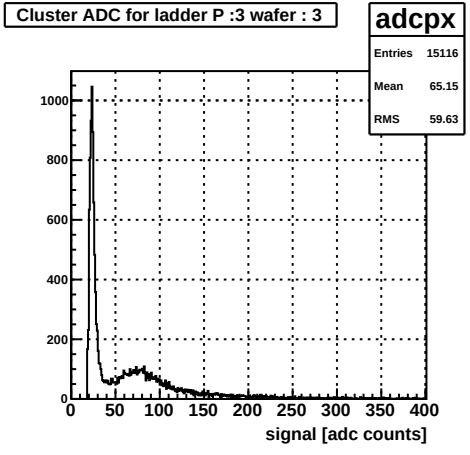

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12557
Mean 92.47
RMS 68.88
signal [adc counts]

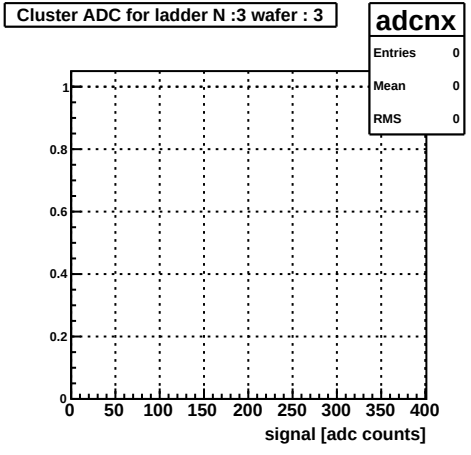

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 4478
Mean 42.83
RMS 39.12
signal [adc counts]

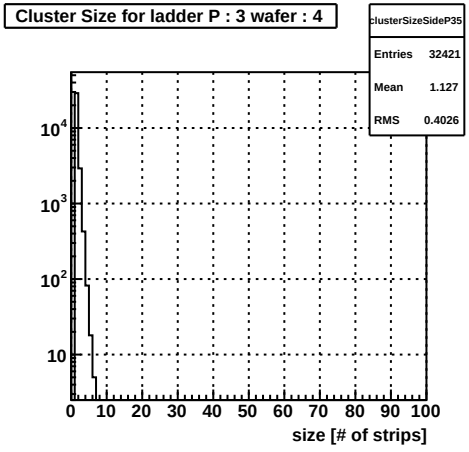

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 15116
Mean 1.228
RMS 0.5376
size [# of strips]

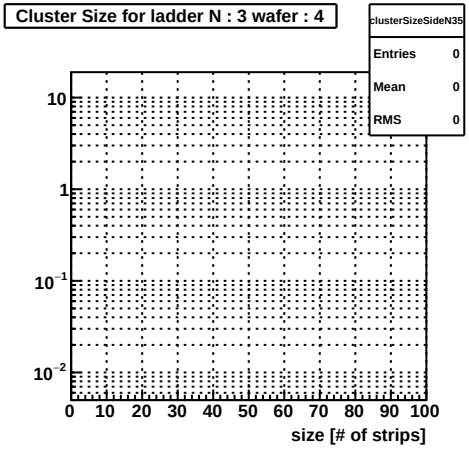

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

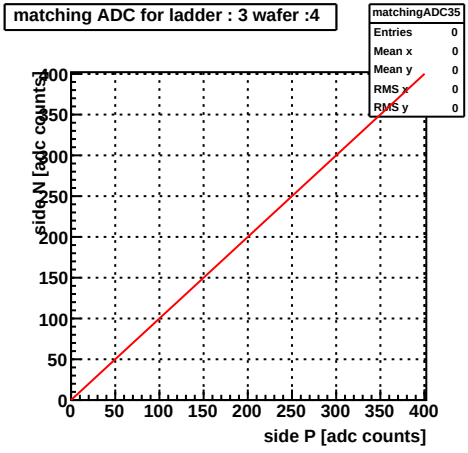

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

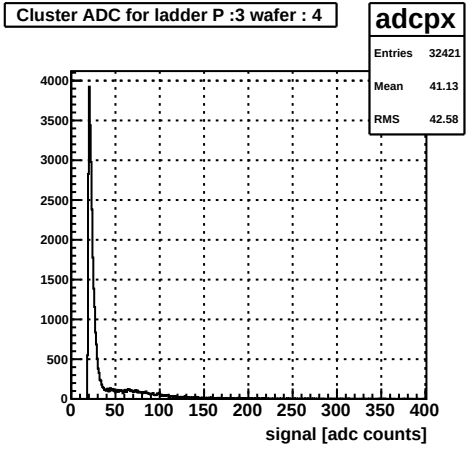

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 15116
Mean 65.15
RMS 59.63
signal [adc counts]

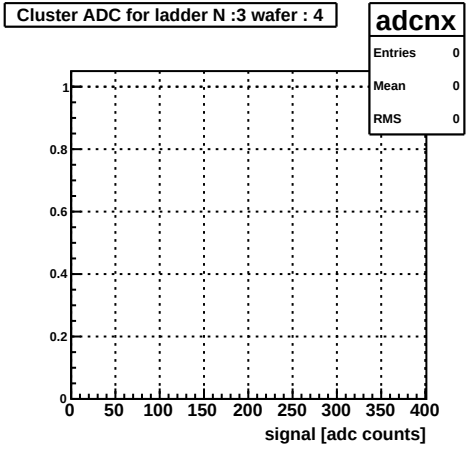

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

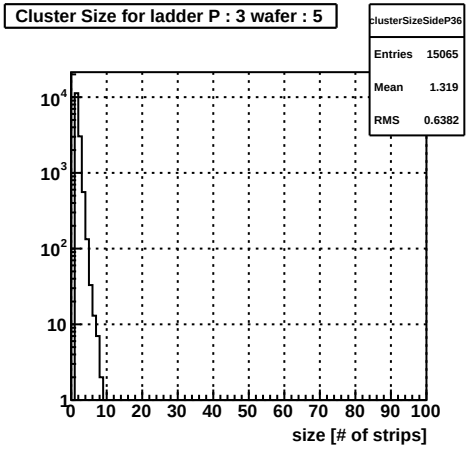

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 32421
Mean 1.127
RMS 0.4026
size [# of strips]

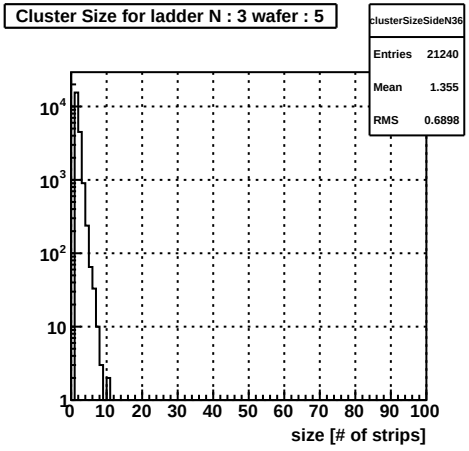

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

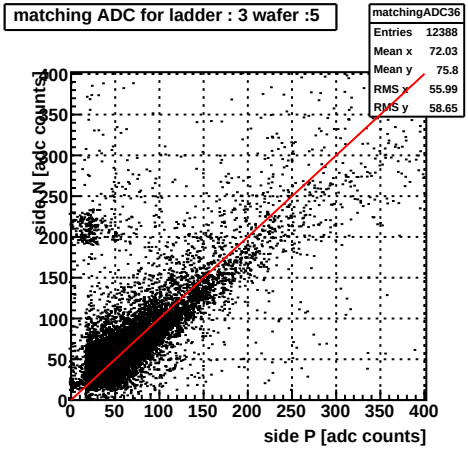

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

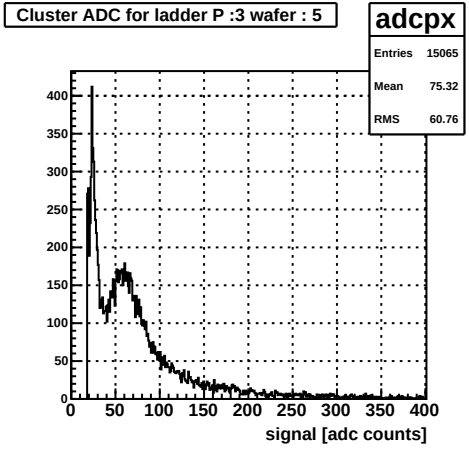

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 32421
Mean 41.13
RMS 42.58
signal [adc counts]

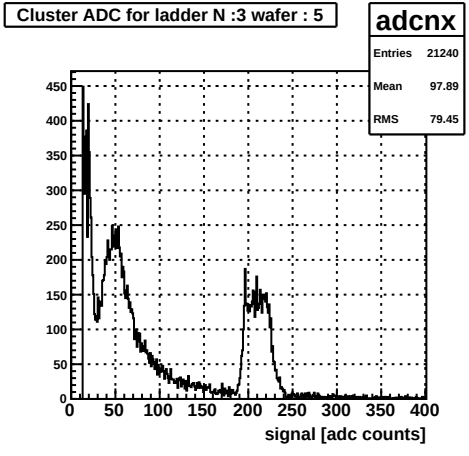

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

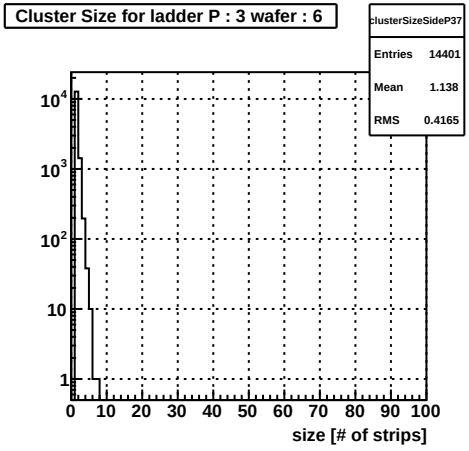

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 15065
Mean 1.319
RMS 0.6382
size [# of strips]

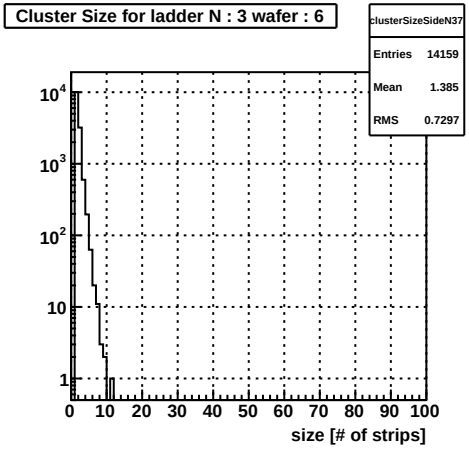

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 21240
Mean 1.355
RMS 0.6898
size [# of strips]

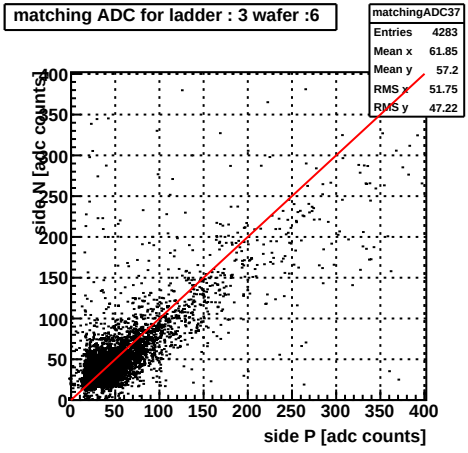

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 12388
Mean x 72.03
Mean y 75.8
RMS x 55.99
RMS y 58.65
side N [adc counts]
side P [adc counts]

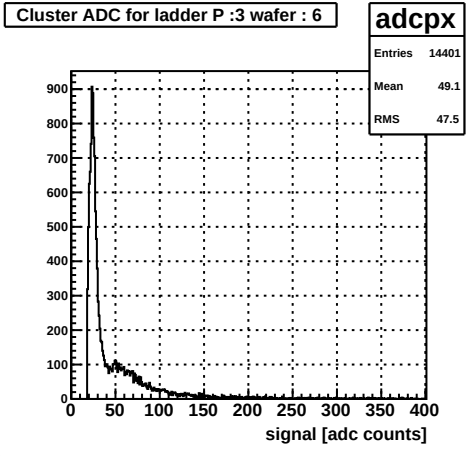

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 15065
Mean 75.32
RMS 60.76
signal [adc counts]

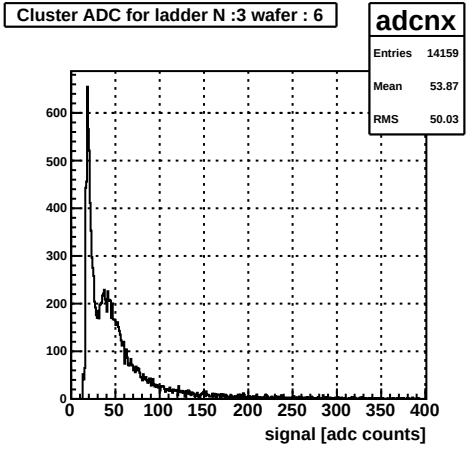

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 21240
Mean 97.89
RMS 79.45
signal [adc counts]

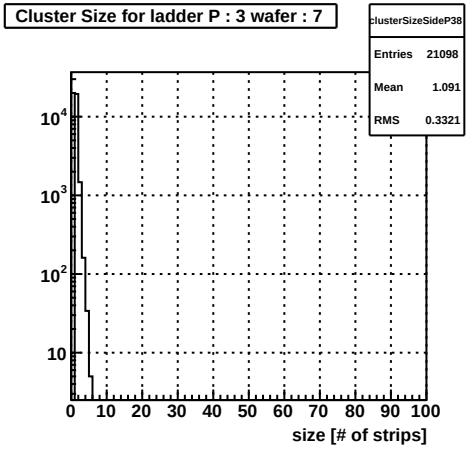

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 14401
Mean 1.138
RMS 0.4165
size [# of strips]

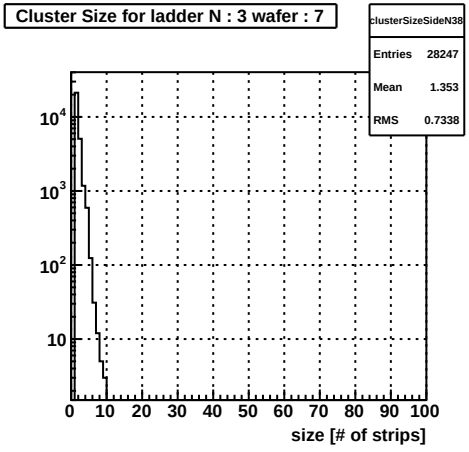

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 14159
Mean 1.385
RMS 0.7297
size [# of strips]

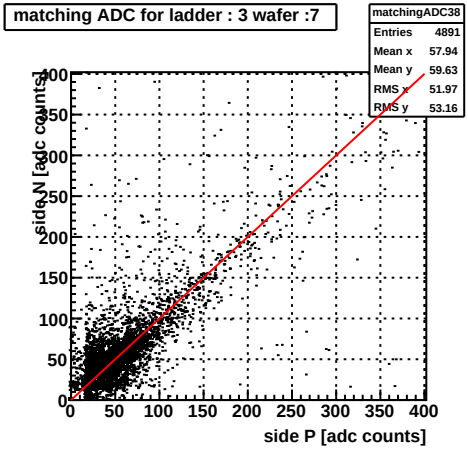

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4283
Mean x 61.85
Mean y 57.2
RMS x 51.75
RMS y 47.22
side N [adc counts]
side P [adc counts]

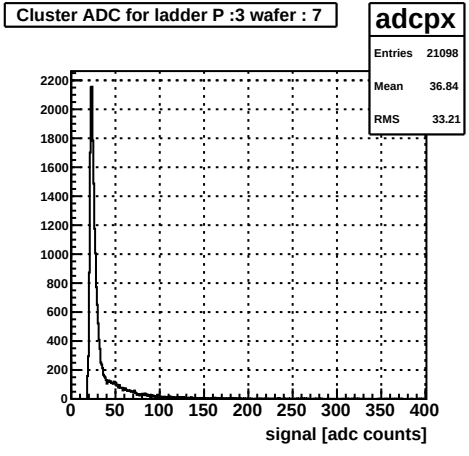

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 14401
Mean 49.1
RMS 47.5
signal [adc counts]

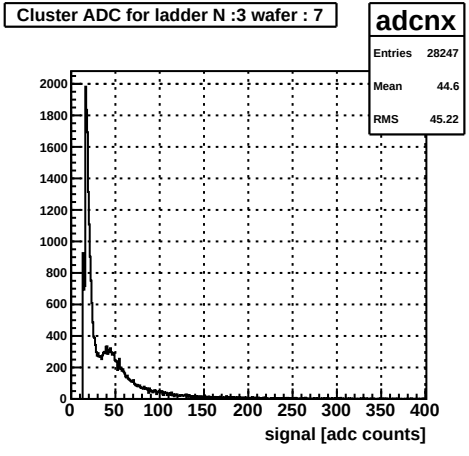

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 14159
Mean 53.87
RMS 50.03
signal [adc counts]

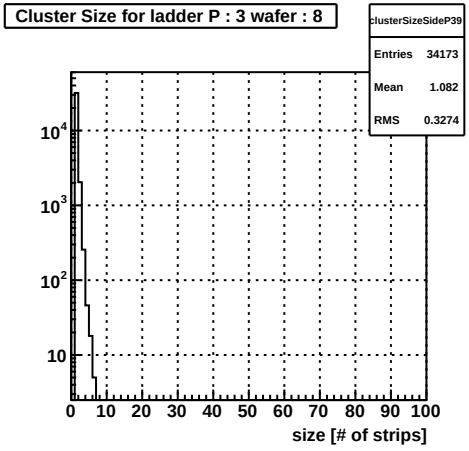

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 21098
Mean 1.091
RMS 0.3321
size [# of strips]

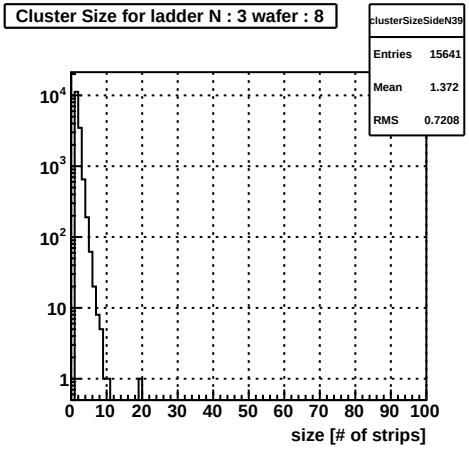

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 28247
Mean 1.353
RMS 0.7338
size [# of strips]

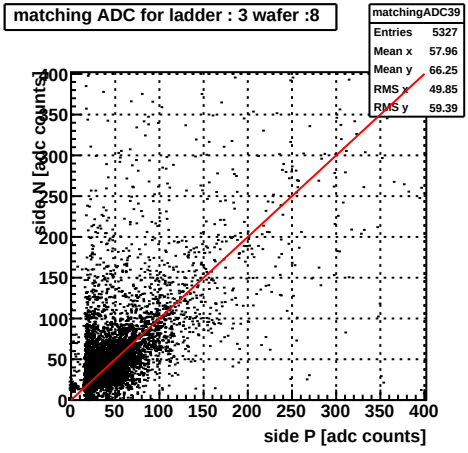

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4891
Mean x 57.94
Mean y 59.63
RMS x 51.97
RMS y 53.16
side N [adc counts]
side P [adc counts]

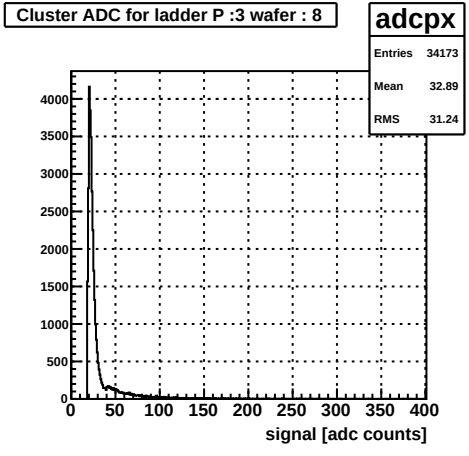

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 21098
Mean 36.84
RMS 33.21
signal [adc counts]

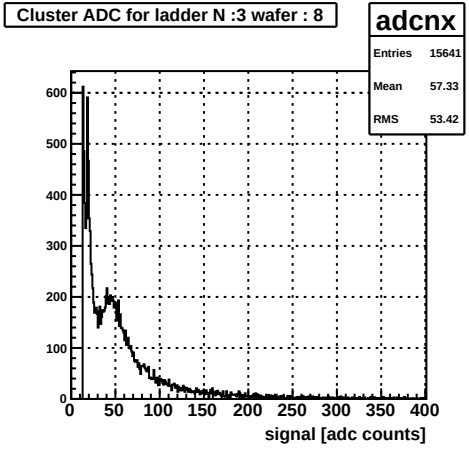

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 28247
Mean 44.6
RMS 45.22
signal [adc counts]

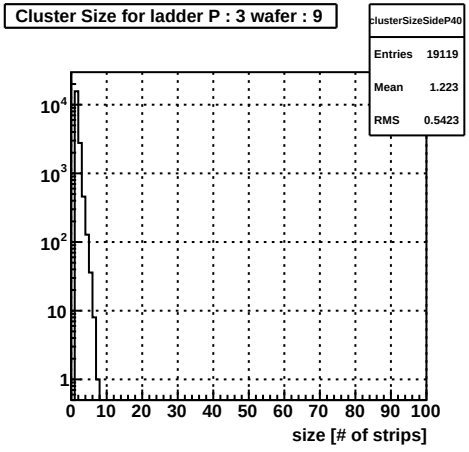

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 34173
Mean 1.082
RMS 0.3274
size [# of strips]

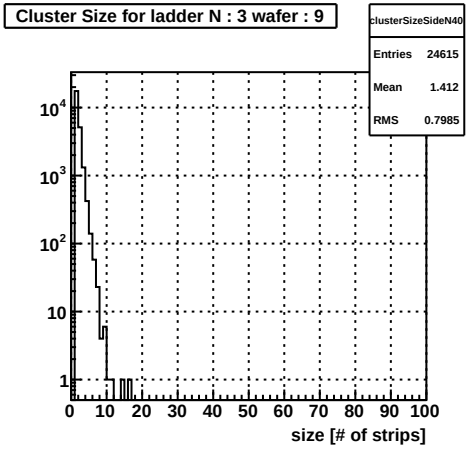

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 15641
Mean 1.372
RMS 0.7208
size [# of strips]

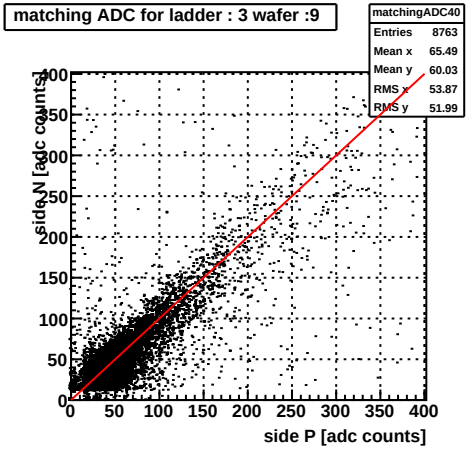

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 5327
Mean x 57.96
Mean y 66.25
RMS x 49.85
RMS y 59.39
side N [adc counts]
side P [adc counts]

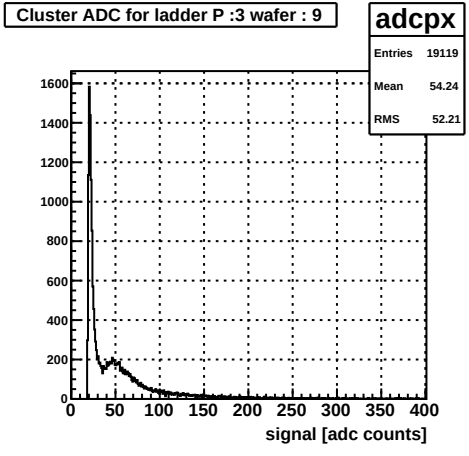

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 34173
Mean 32.89
RMS 31.24
signal [adc counts]

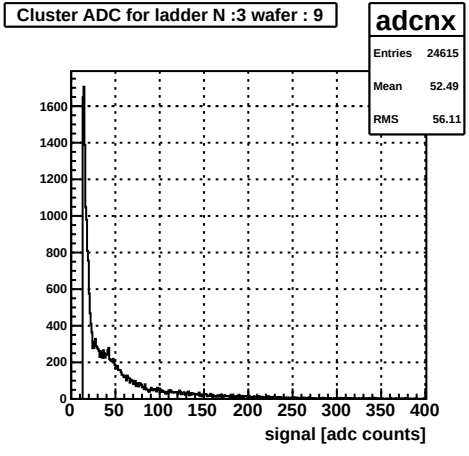

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 15641
Mean 57.33
RMS 53.42
signal [adc counts]

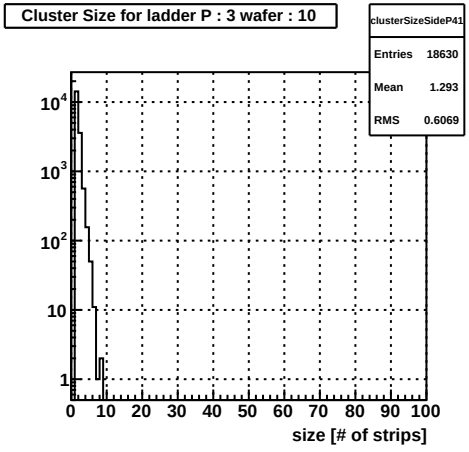

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 19119
Mean 1.223
RMS 0.5423
size [# of strips]

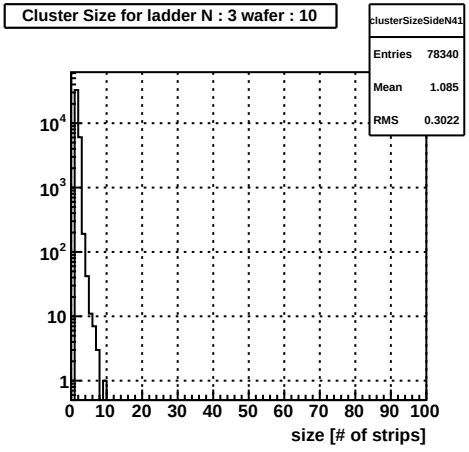

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 24615
Mean 1.412
RMS 0.7985
size [# of strips]

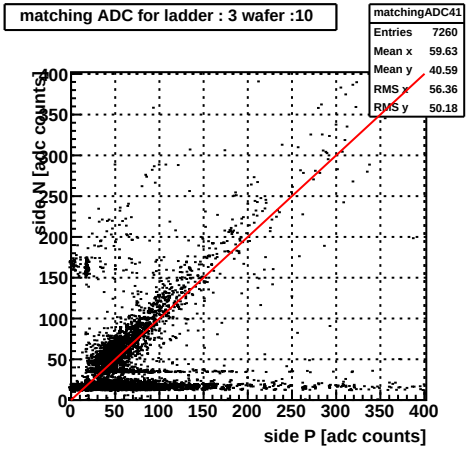

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 8763
Mean x 65.49
Mean y 60.03
RMS x 53.87
RMS y 51.99
side N [adc counts]
side P [adc counts]

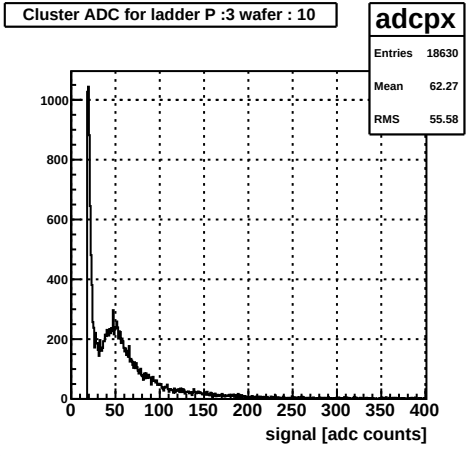

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 19119
Mean 54.24
RMS 52.21
signal [adc counts]

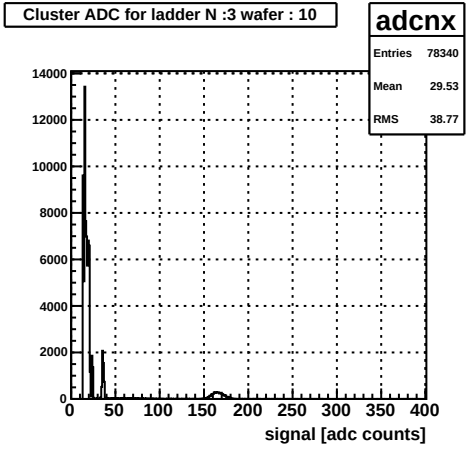

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 24615
Mean 52.49
RMS 56.11
signal [adc counts]

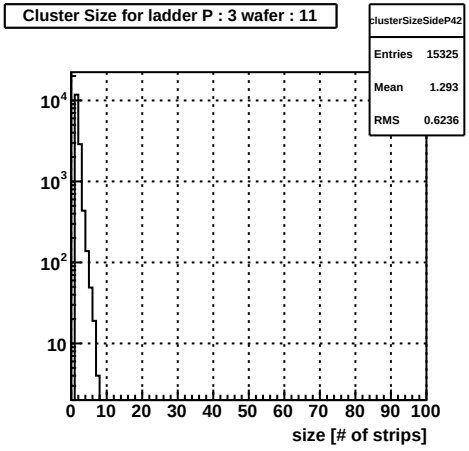

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 18630
Mean 1.293
RMS 0.6069
size [# of strips]

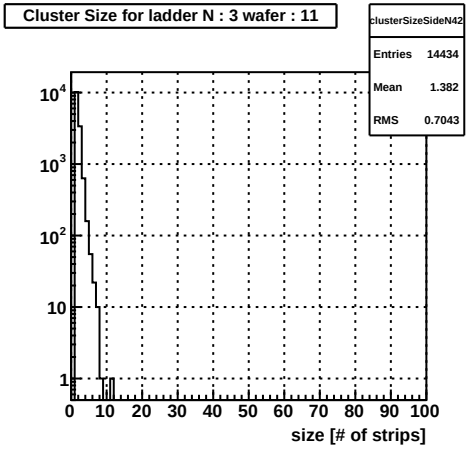

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 78340
Mean 1.085
RMS 0.3022
size [# of strips]

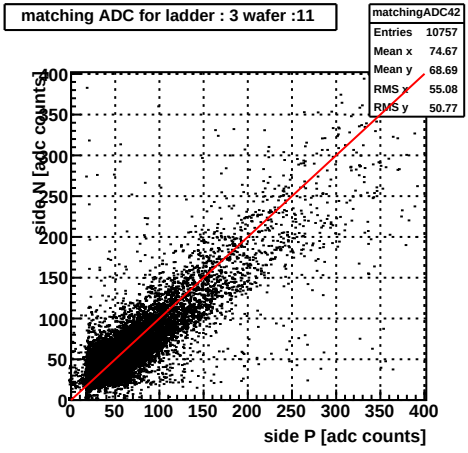

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7260
Mean x 59.63
Mean y 40.59
RMS x 56.36
RMS y 50.18
side N [adc counts]
side P [adc counts]

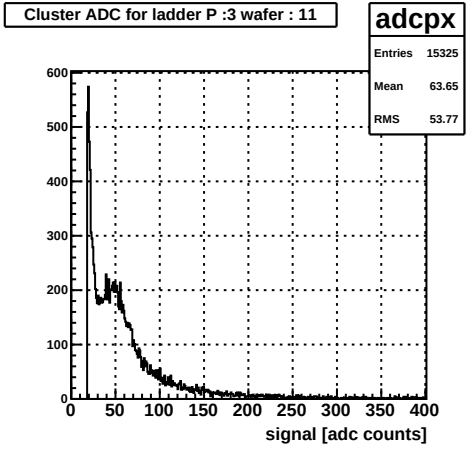

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 18630
Mean 62.27
RMS 55.58
signal [adc counts]

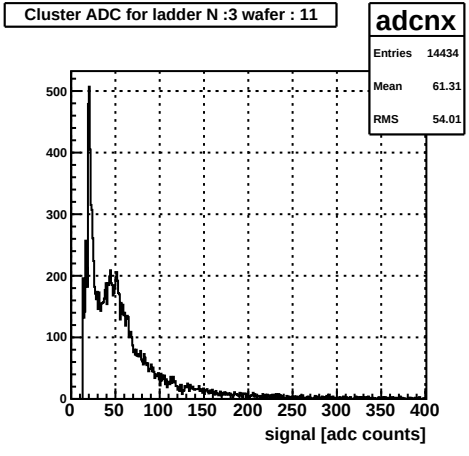

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 78340
Mean 29.53
RMS 38.77
signal [adc counts]

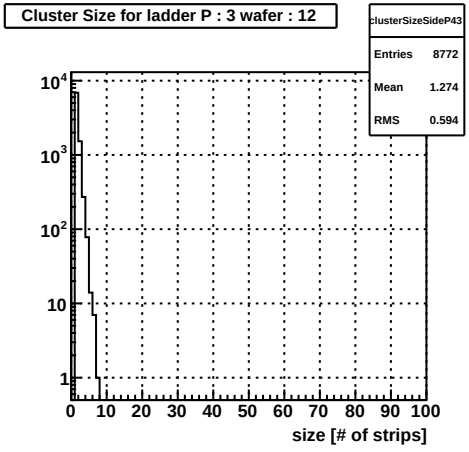

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15325
Mean 1.293
RMS 0.6236
size [# of strips]

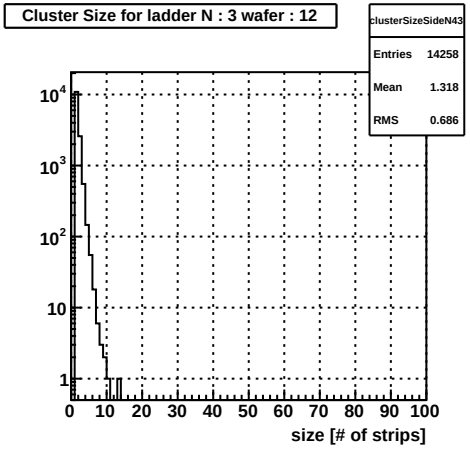

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 14434
Mean 1.382
RMS 0.7043
size [# of strips]

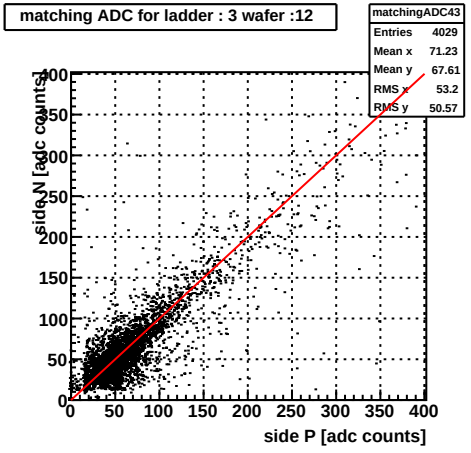

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 10757
Mean x 74.67
Mean y 68.69
RMS x 55.08
RMS y 50.77
side N [adc counts]
side P [adc counts]

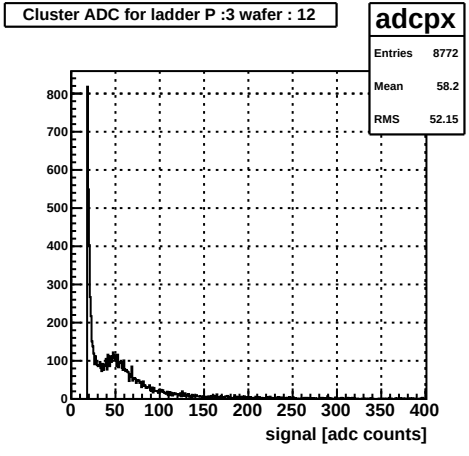

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15325
Mean 63.65
RMS 53.77
signal [adc counts]

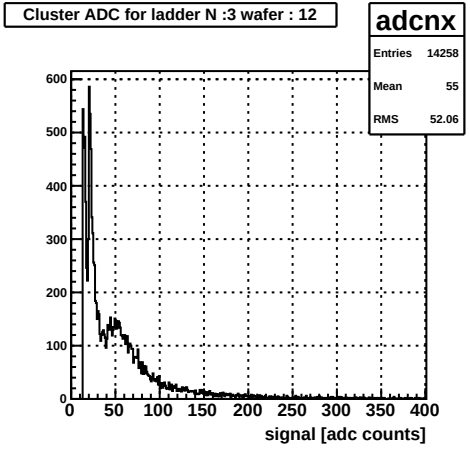

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 14434
Mean 61.31
RMS 54.01
signal [adc counts]

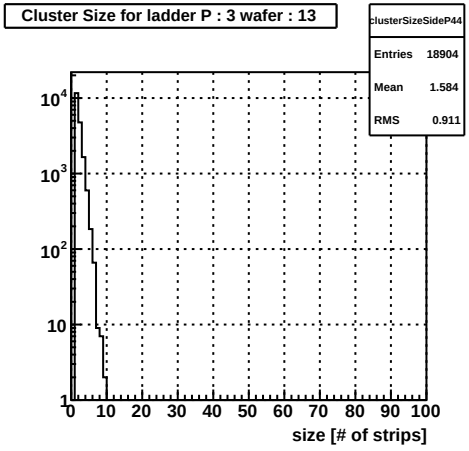

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 8772
Mean 1.274
RMS 0.594
size [# of strips]

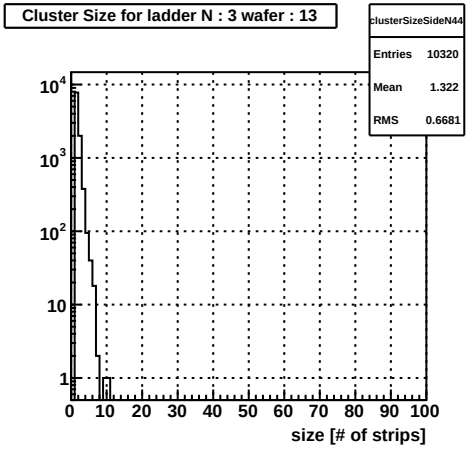

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 14258
Mean 1.318
RMS 0.686
size [# of strips]

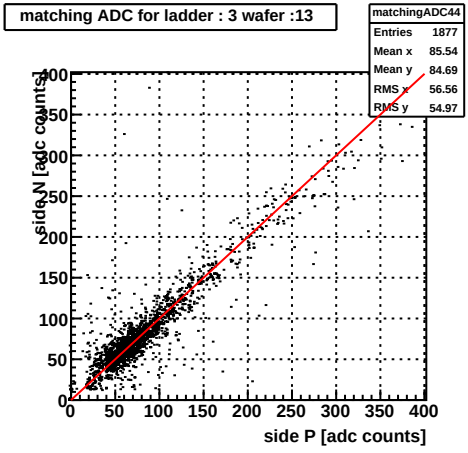

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4029
Mean x 71.23
Mean y 67.61
RMS x 53.2
RMS y 50.57
side N [adc counts]
side P [adc counts]

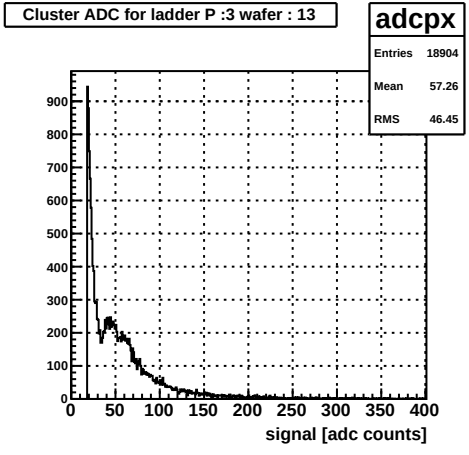

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 8772
Mean 58.2
RMS 52.15
signal [adc counts]

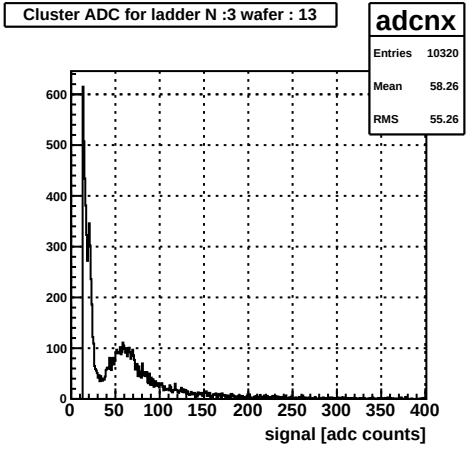

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 14258
Mean 55
RMS 52.06
signal [adc counts]

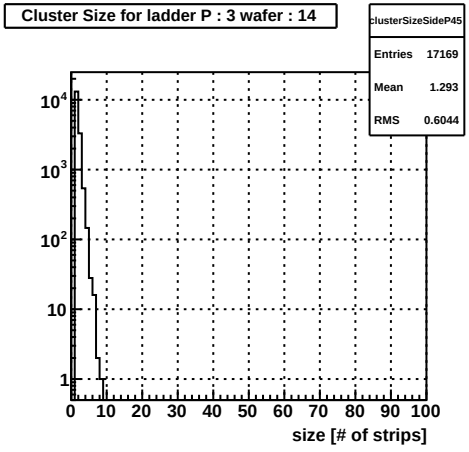

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 18904
Mean 1.584
RMS 0.911
size [# of strips]

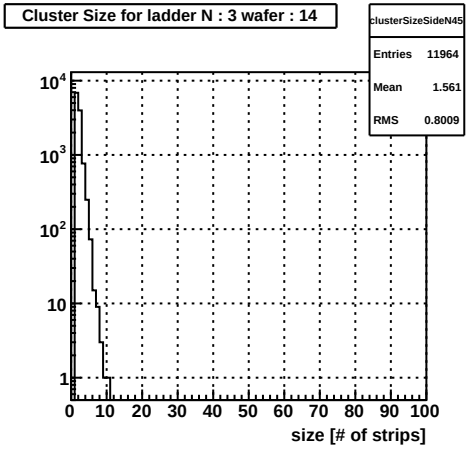

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 10320
Mean 1.322
RMS 0.6681
size [# of strips]

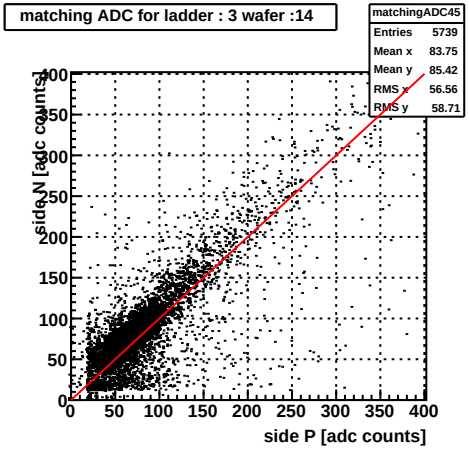

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1877
Mean x 85.54
Mean y 84.69
RMS x 56.56
RMS y 54.97
side N [adc counts]
side P [adc counts]

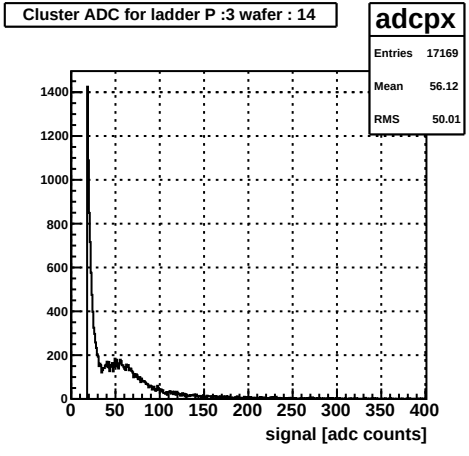

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 18904
Mean 57.26
RMS 46.45
signal [adc counts]

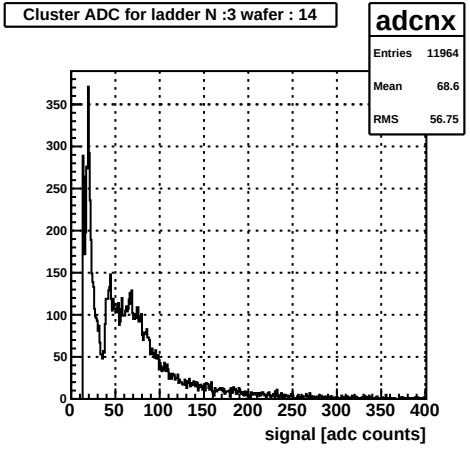

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 10320
Mean 58.26
RMS 55.26
signal [adc counts]

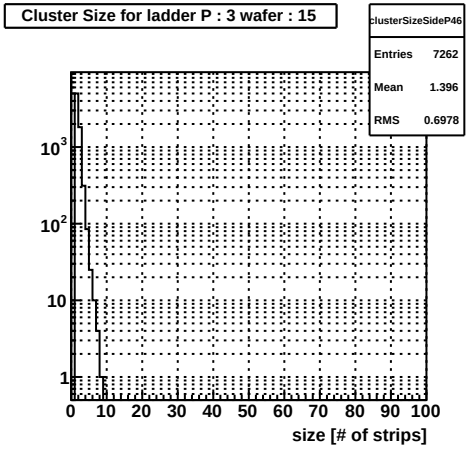

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 17169
Mean 1.293
RMS 0.6044
size [# of strips]

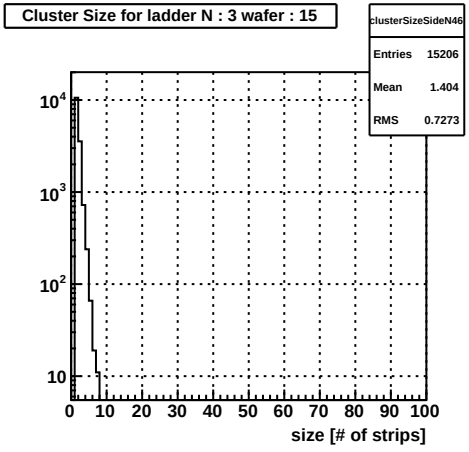

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 11964
Mean 1.561
RMS 0.8009
size [# of strips]

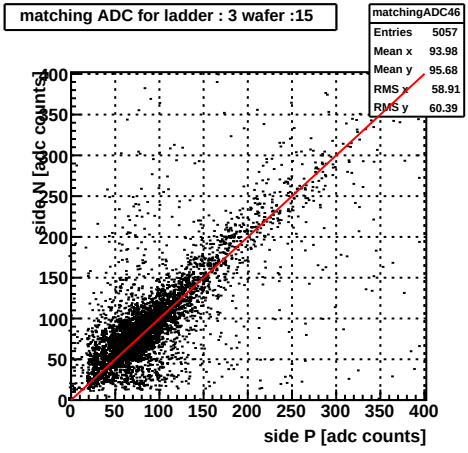

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5739
Mean x 83.75
Mean y 85.42
RMS x 56.56
RMS y 58.71
side N [adc counts]
side P [adc counts]

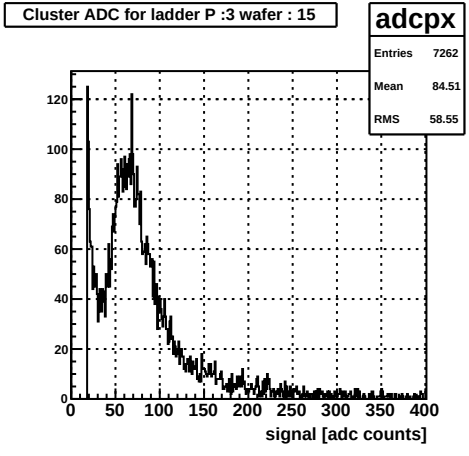

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 17169
Mean 56.12
RMS 50.01
signal [adc counts]

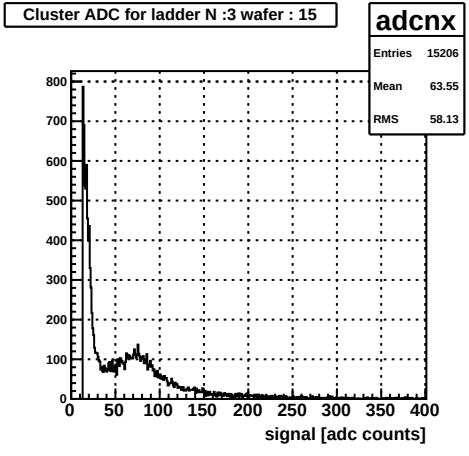

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 11964
Mean 68.6
RMS 56.75
signal [adc counts]

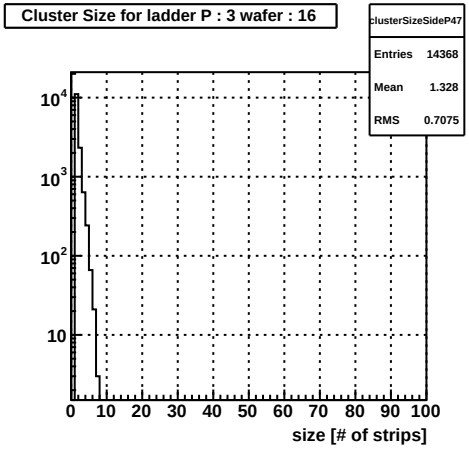

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 7262
Mean 1.396
RMS 0.6978
size [# of strips]

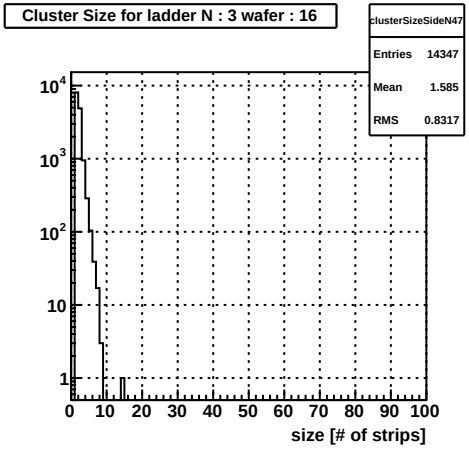

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15206
Mean 1.404
RMS 0.7273
size [# of strips]

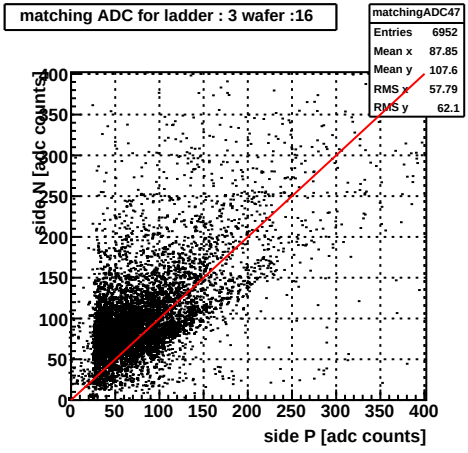

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 5057
Mean x 93.98
Mean y 95.68
RMS x 58.91
RMS y 60.39
side N [adc counts]
side P [adc counts]

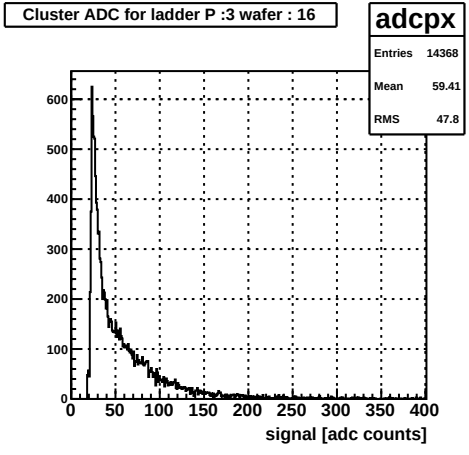

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 7262
Mean 84.51
RMS 58.55
signal [adc counts]

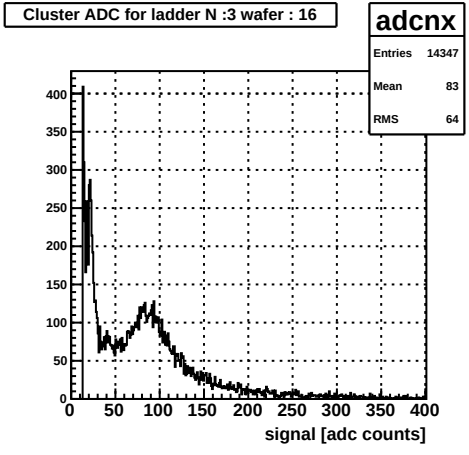

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15206
Mean 63.55
RMS 58.13
signal [adc counts]

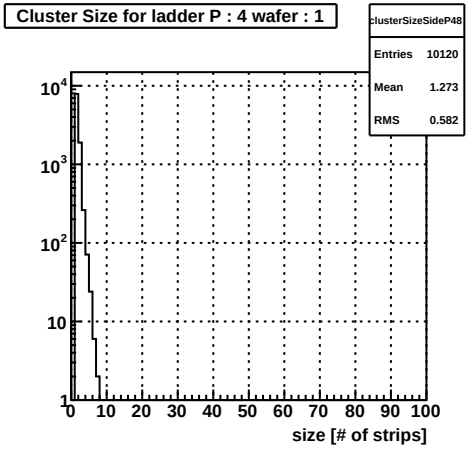

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 14368
Mean 1.328
RMS 0.7075
size [# of strips]

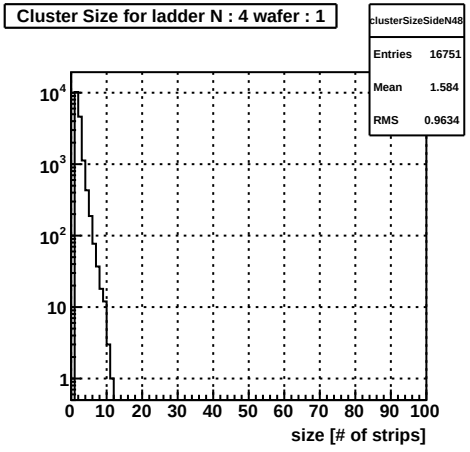

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 14347
Mean 1.585
RMS 0.8317
size [# of strips]

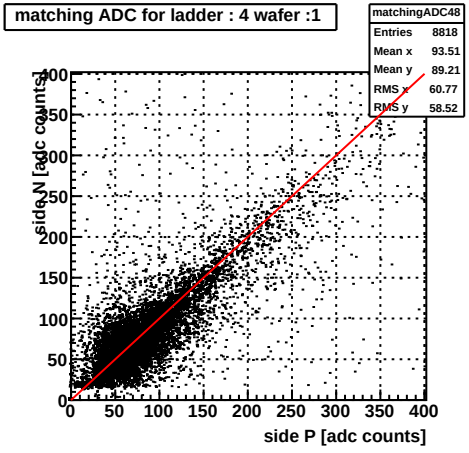

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 6952
Mean x 87.85
Mean y 107.6
RMS x 57.79
RMS y 62.1
side N [adc counts]
side P [adc counts]

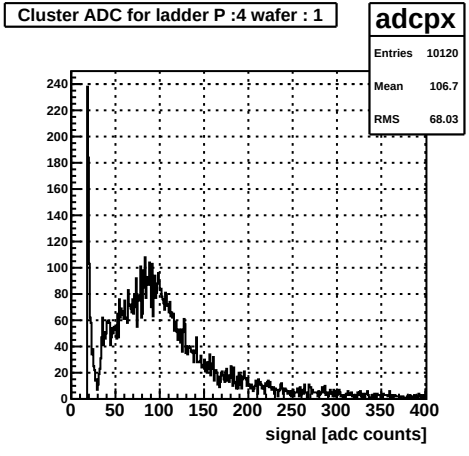

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 14368
Mean 59.41
RMS 47.8
signal [adc counts]

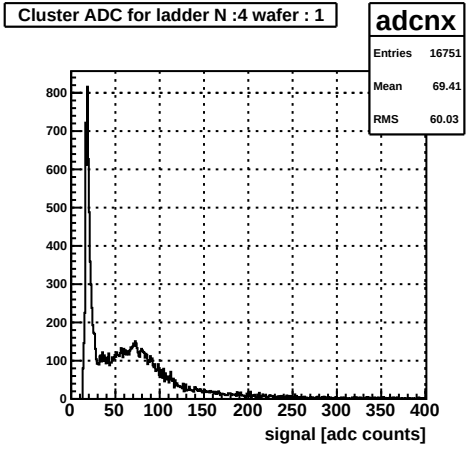

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 14347
Mean 83
RMS 64
signal [adc counts]

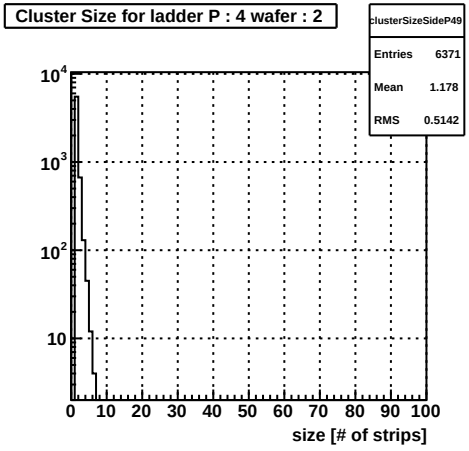

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 10120
Mean 1.273
RMS 0.582
size [# of strips]

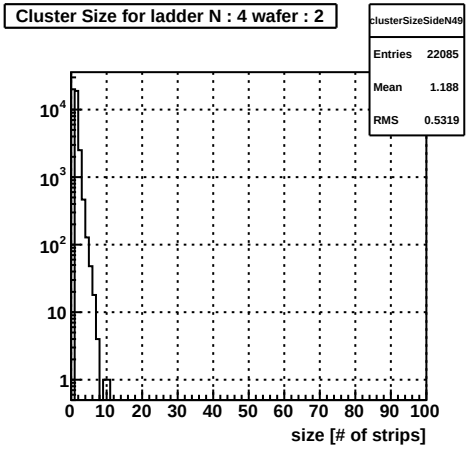

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 16751
Mean 1.584
RMS 0.9634
size [# of strips]

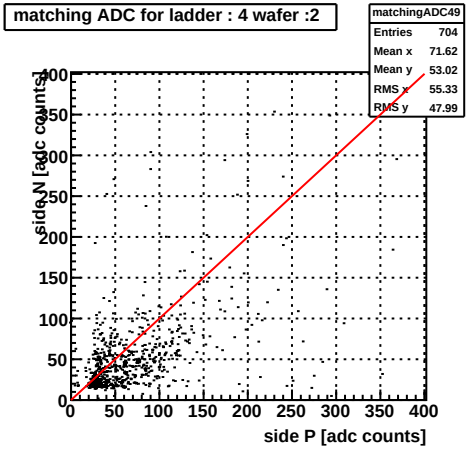

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 8818
Mean x 93.51
Mean y 89.21
RMS x 60.77
RMS y 58.52
side N [adc counts]
side P [adc counts]

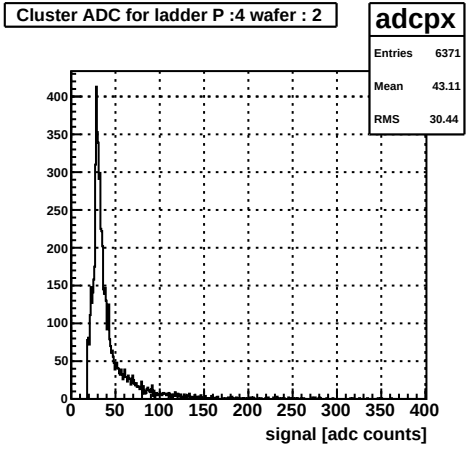

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 10120
Mean 106.7
RMS 68.03
signal [adc counts]

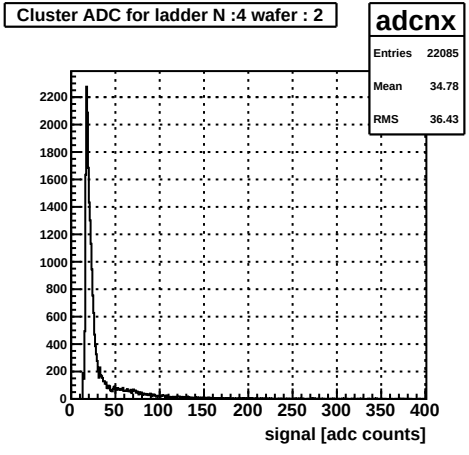

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 16751
Mean 69.41
RMS 60.03
signal [adc counts]

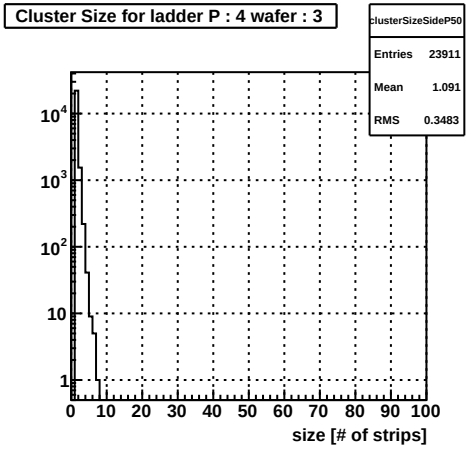

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6371
Mean 1.178
RMS 0.5142
size [# of strips]

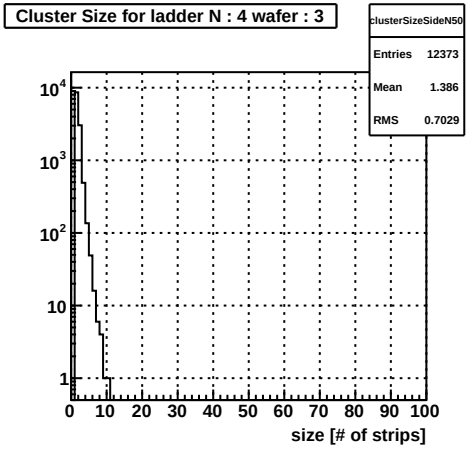

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 22085
Mean 1.188
RMS 0.5319
size [# of strips]

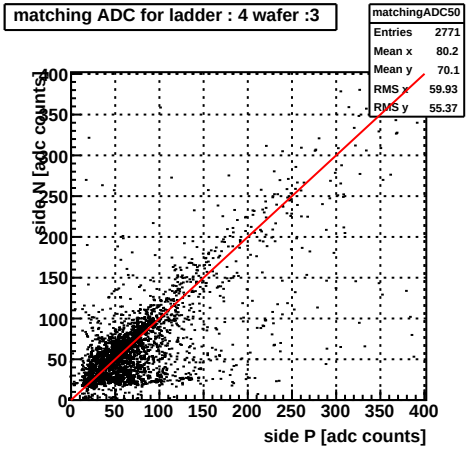

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 704
Mean x 71.62
Mean y 53.02
RMS x 55.33
RMS y 47.99
side N [adc counts]
side P [adc counts]

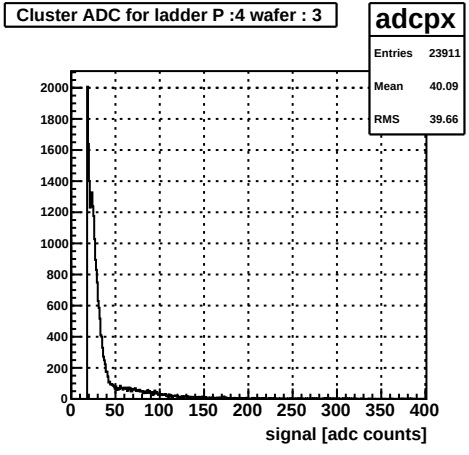

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6371
Mean 43.11
RMS 30.44
signal [adc counts]

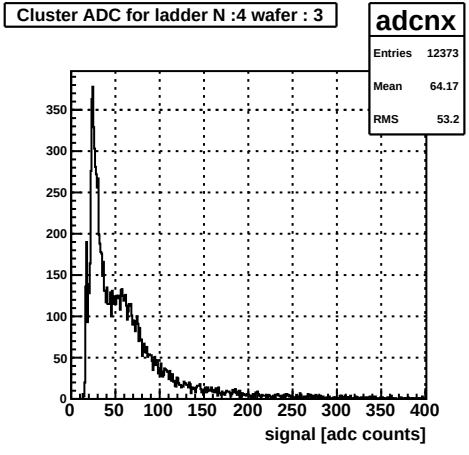

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 22085
Mean 34.78
RMS 36.43
signal [adc counts]

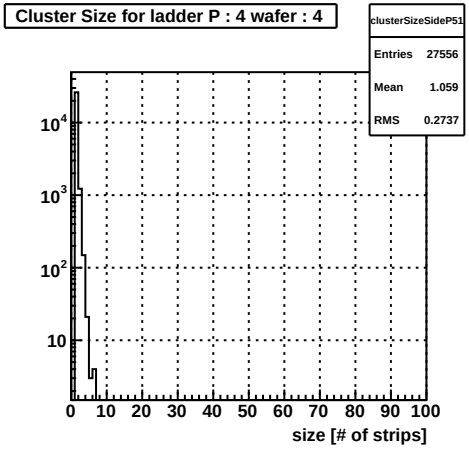

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 23911
Mean 1.091
RMS 0.3483
size [# of strips]

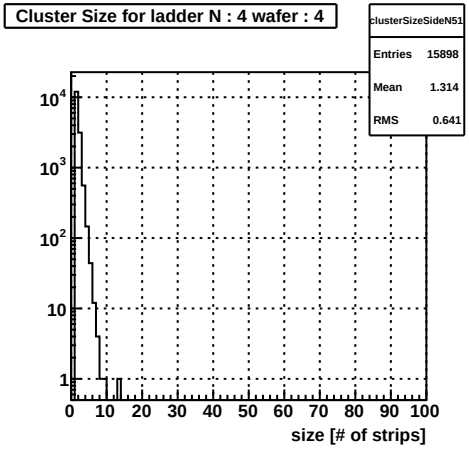

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 12373
Mean 1.386
RMS 0.7029
size [# of strips]

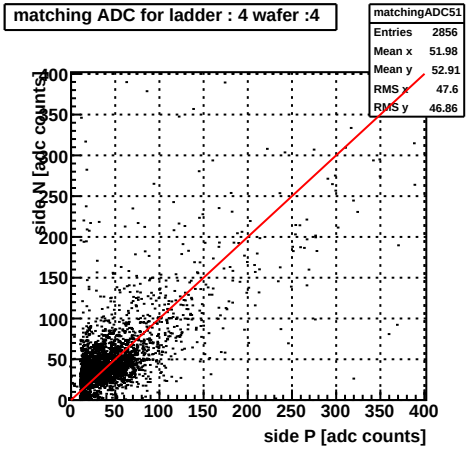

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2771
Mean x 80.2
Mean y 70.1
RMS x 59.93
RMS y 55.37
side N [adc counts]
side P [adc counts]

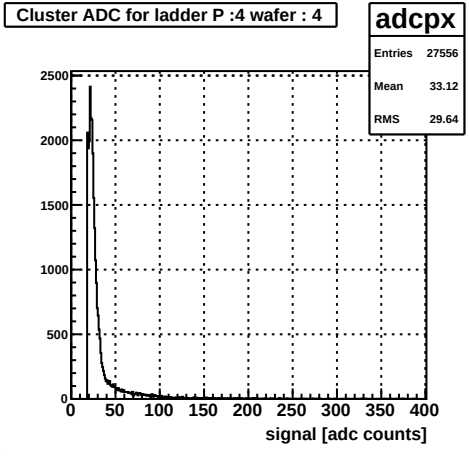

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 23911
Mean 40.09
RMS 39.66
signal [adc counts]

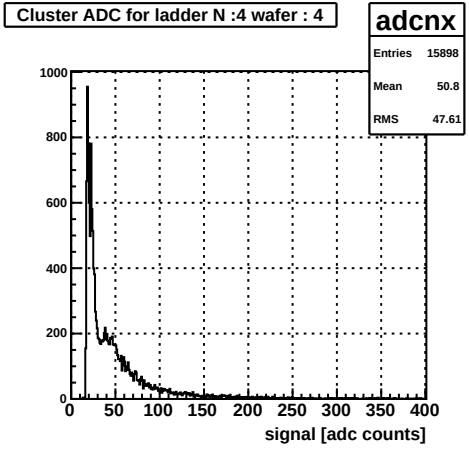

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 12373
Mean 64.17
RMS 53.2
signal [adc counts]

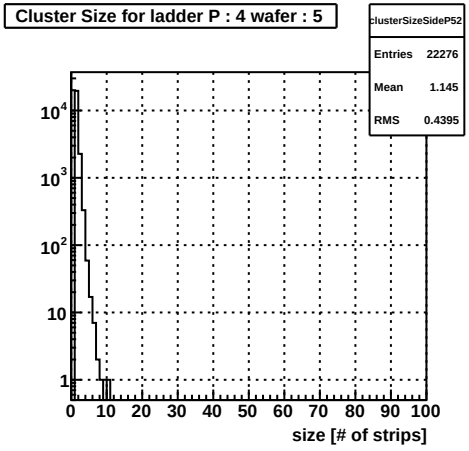

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 27556
Mean 1.059
RMS 0.2737
size [# of strips]

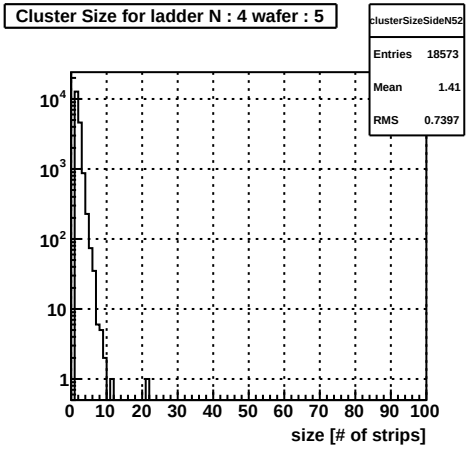

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 15898
Mean 1.314
RMS 0.641
size [# of strips]

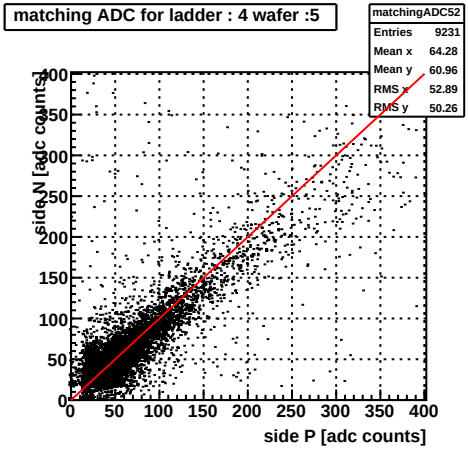

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2856
Mean x 51.98
Mean y 52.91
RMS x 47.6
RMS y 46.86
side N [adc counts]
side P [adc counts]

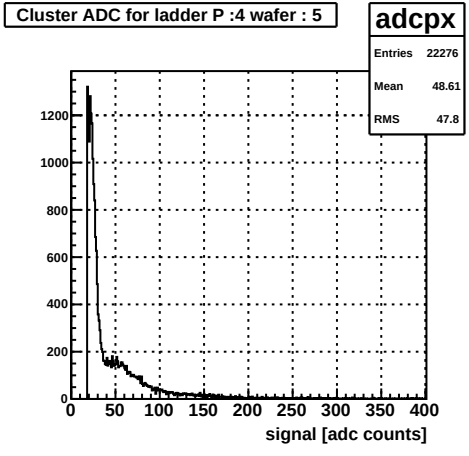

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 27556
Mean 33.12
RMS 29.64
signal [adc counts]

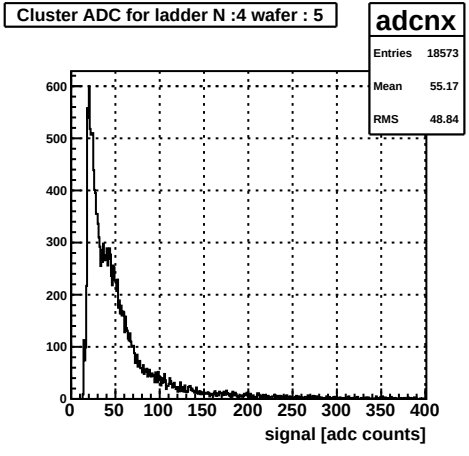

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 15898
Mean 50.8
RMS 47.61
signal [adc counts]

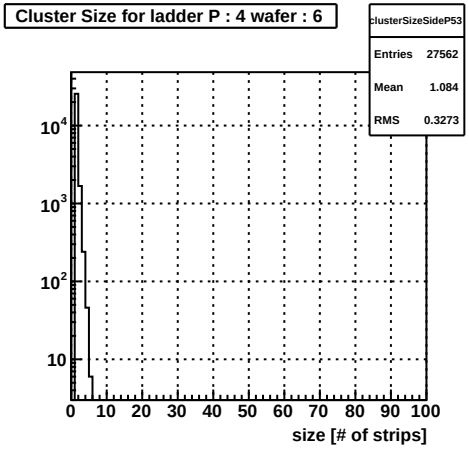

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 22276
Mean 1.145
RMS 0.4395
size [# of strips]

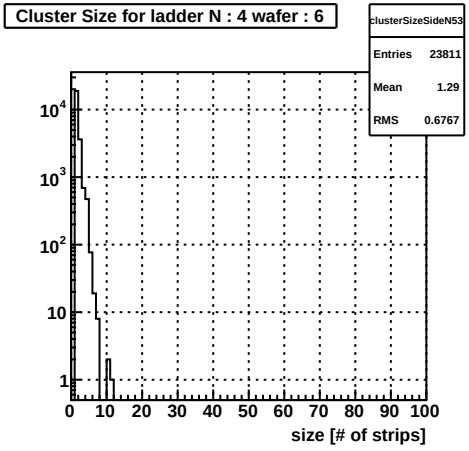

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 18573
Mean 1.41
RMS 0.7397
size [# of strips]

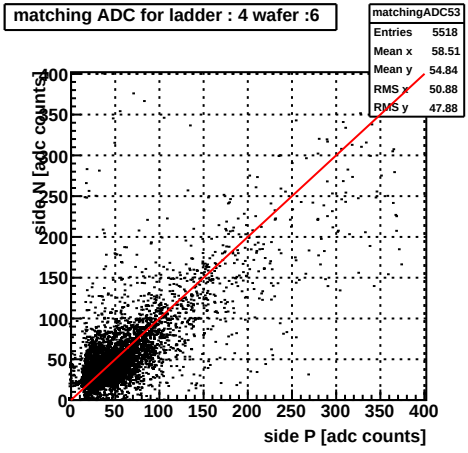

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 9231
Mean x 64.28
Mean y 60.96
RMS x 52.89
RMS y 50.26
side N [adc counts]
side P [adc counts]

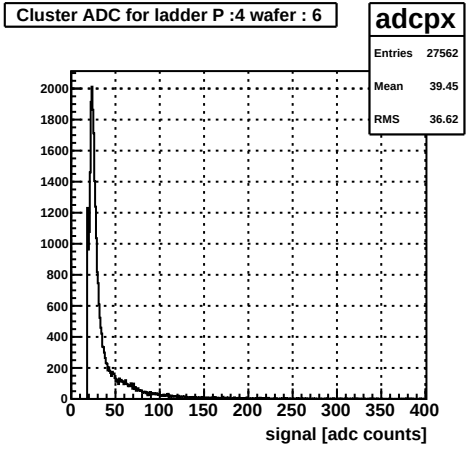

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 22276
Mean 48.61
RMS 47.8
signal [adc counts]

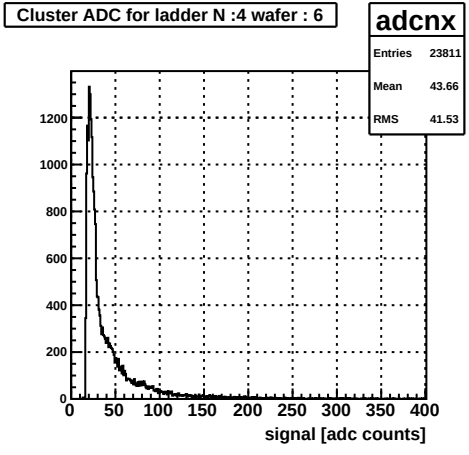

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 18573
Mean 55.17
RMS 48.84
signal [adc counts]

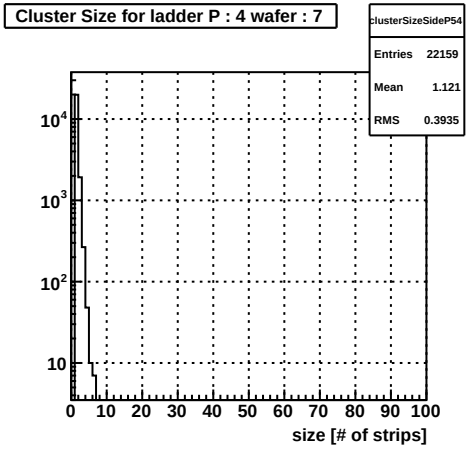

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 27562
Mean 1.084
RMS 0.3273
size [# of strips]

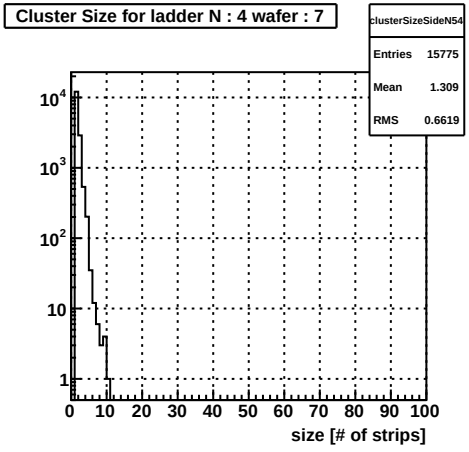

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 23811
Mean 1.29
RMS 0.6767
size [# of strips]

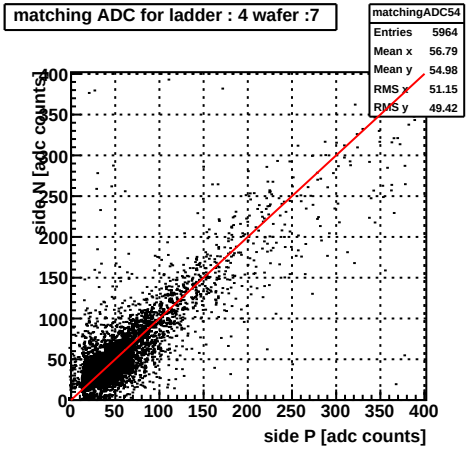

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5518
Mean x 58.51
Mean y 54.84
RMS x 50.88
RMS y 47.88
side N [adc counts]
side P [adc counts]

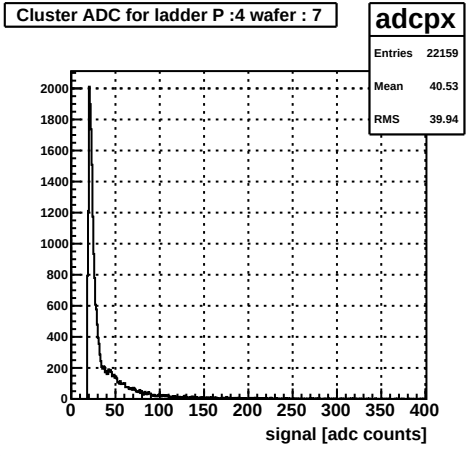

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 27562
Mean 39.45
RMS 36.62
signal [adc counts]

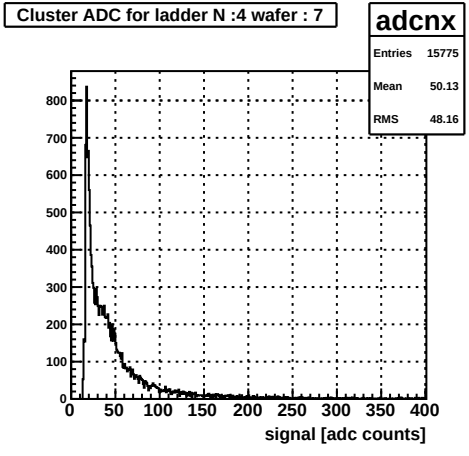

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 23811
Mean 43.66
RMS 41.53
signal [adc counts]

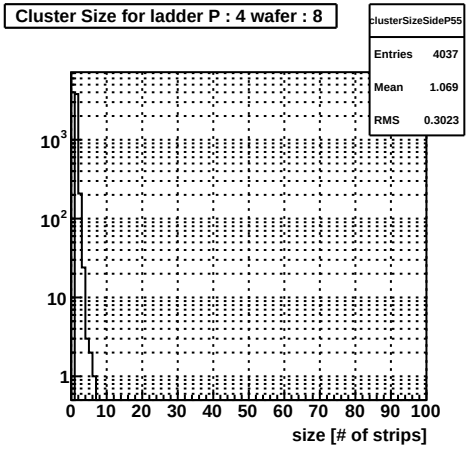

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 22159
Mean 1.121
RMS 0.3935
size [# of strips]

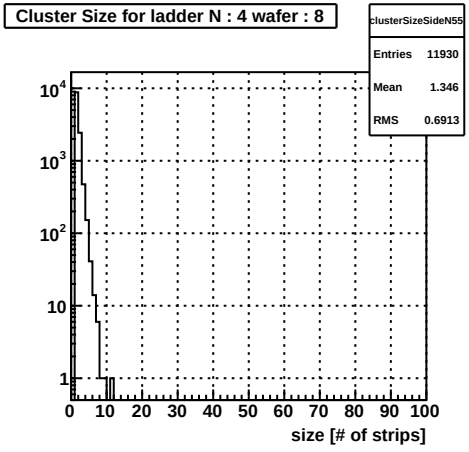

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 15775
Mean 1.309
RMS 0.6619
size [# of strips]

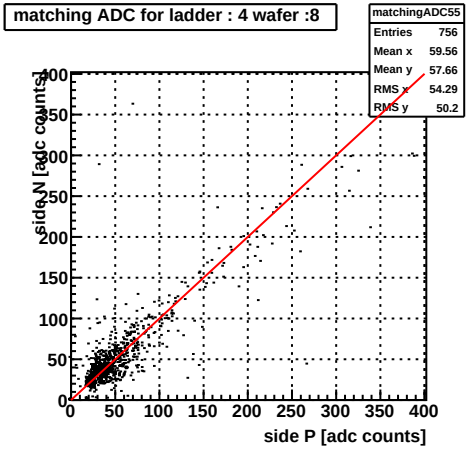

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5964
Mean x 56.79
Mean y 54.98
RMS x 51.15
RMS y 49.42
side N [adc counts]
side P [adc counts]

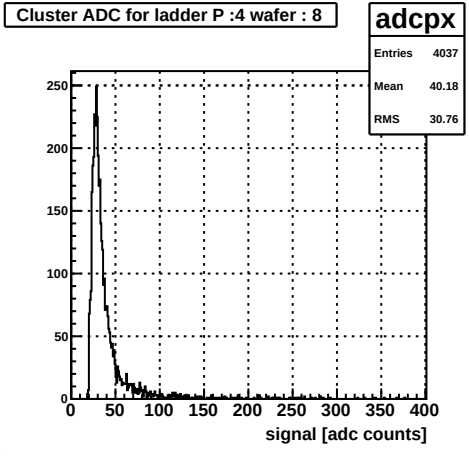

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 22159
Mean 40.53
RMS 39.94
signal [adc counts]

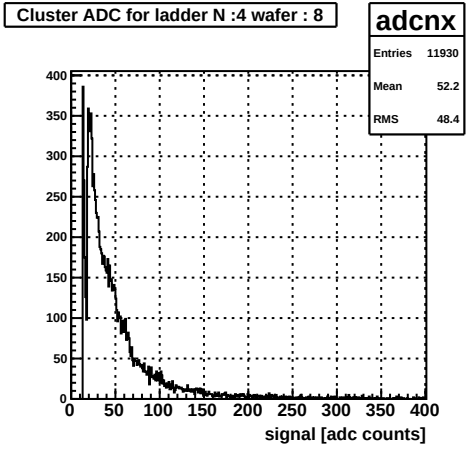

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 15775
Mean 50.13
RMS 48.16
signal [adc counts]

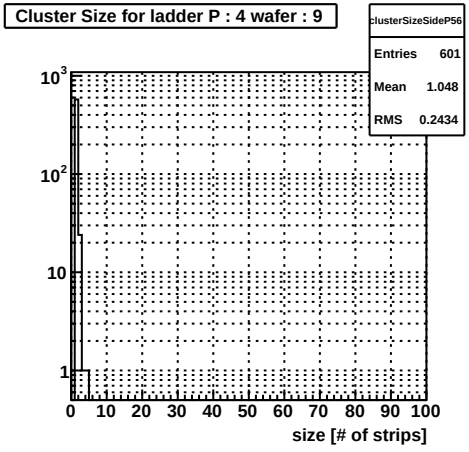

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 4037
Mean 1.069
RMS 0.3023
size [# of strips]

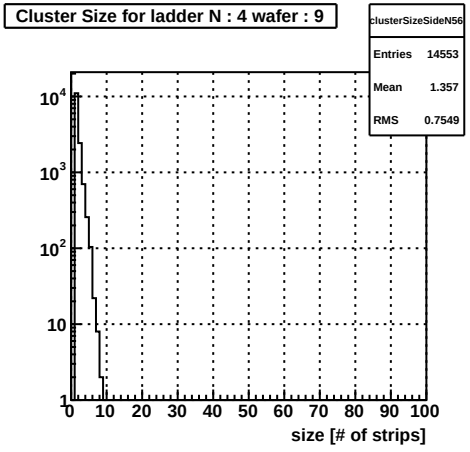

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 11930
Mean 1.346
RMS 0.6913
size [# of strips]

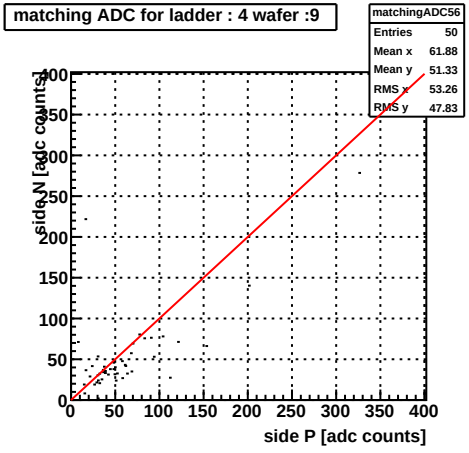

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 756
Mean x 59.56
Mean y 57.66
RMS x 54.29
RMS y 50.2
side N [adc counts]
side P [adc counts]

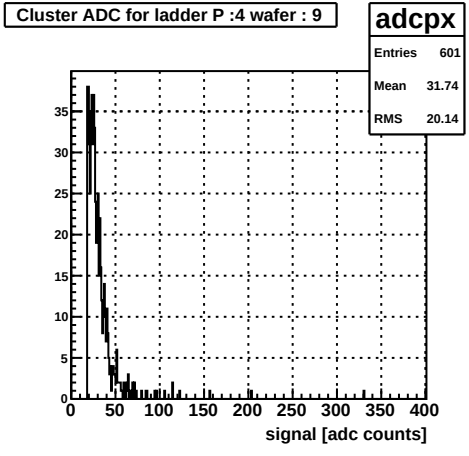

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 4037
Mean 40.18
RMS 30.76
signal [adc counts]

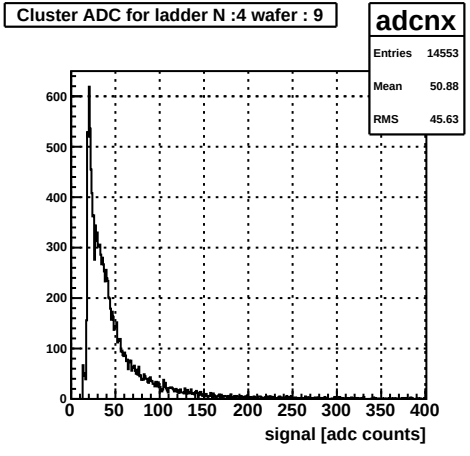

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 11930
Mean 52.2
RMS 48.4
signal [adc counts]

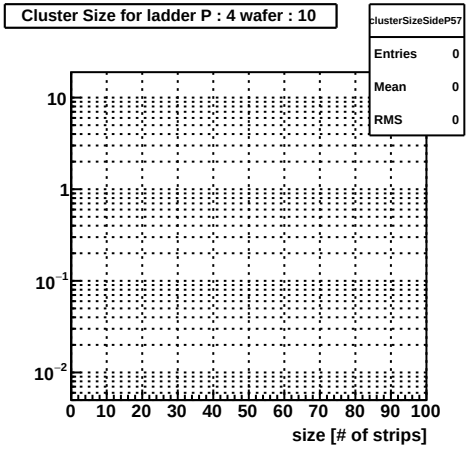

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 601
Mean 1.048
RMS 0.2434
size [# of strips]

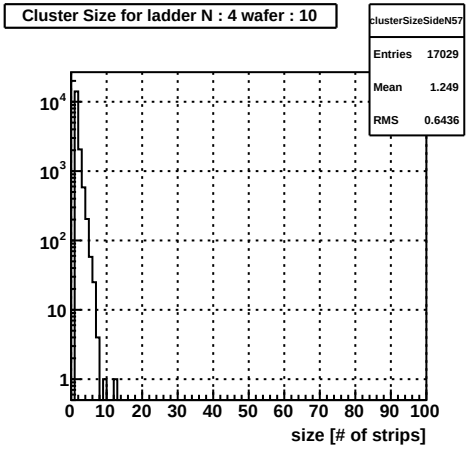

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 14553
Mean 1.357
RMS 0.7549
size [# of strips]

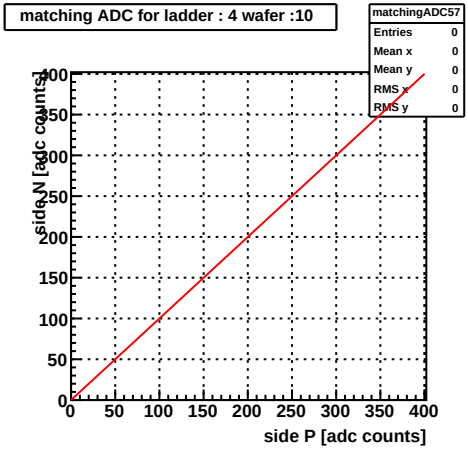

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 50
Mean x 61.88
Mean y 51.33
RMS x 53.26
RMS y 47.83
side N [adc counts]
side P [adc counts]

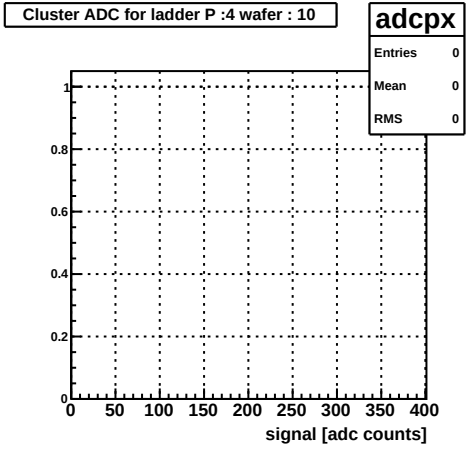

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 601
Mean 31.74
RMS 20.14
signal [adc counts]

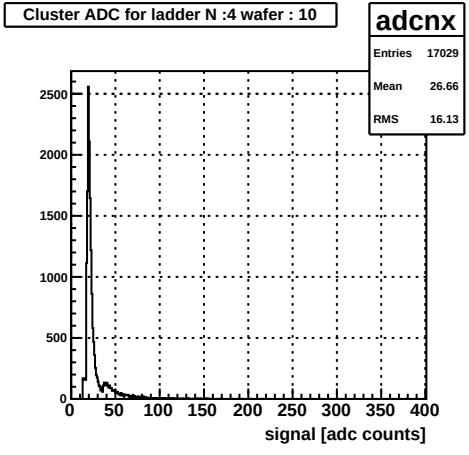

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 14553
Mean 50.88
RMS 45.63
signal [adc counts]

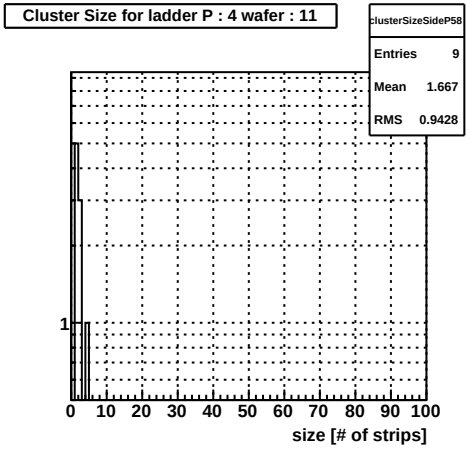

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

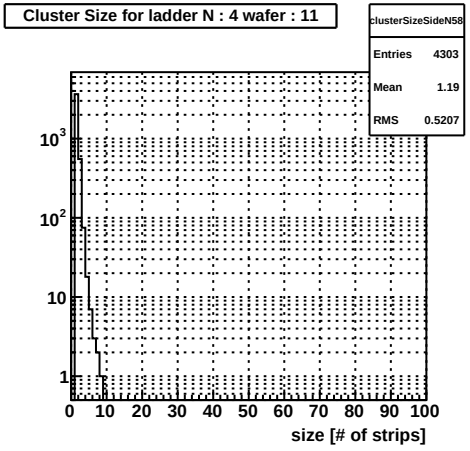

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17029
Mean 1.249
RMS 0.6436
size [# of strips]

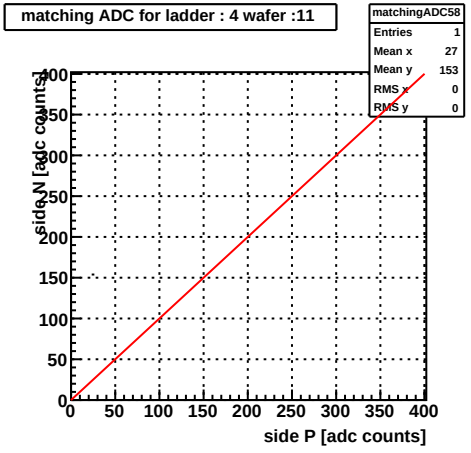

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

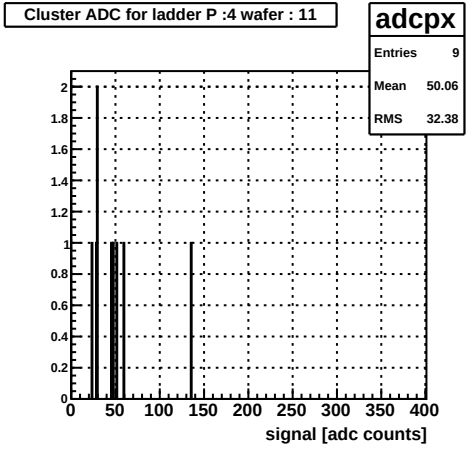

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

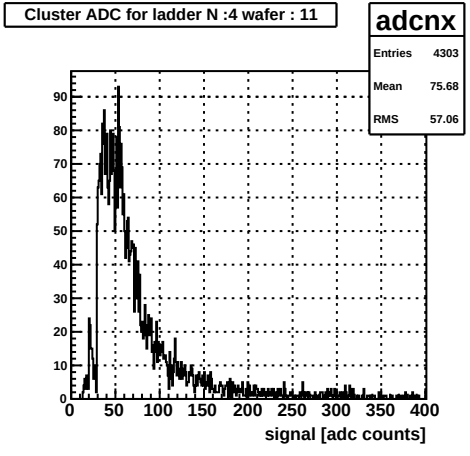

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17029
Mean 26.66
RMS 16.13
signal [adc counts]

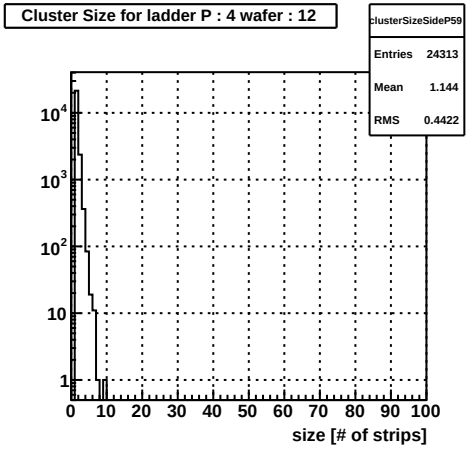

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 9
Mean 1.667
RMS 0.9428
size [# of strips]

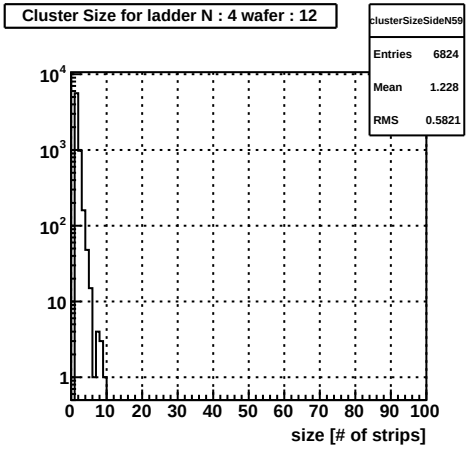

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 4303
Mean 1.19
RMS 0.5207
size [# of strips]

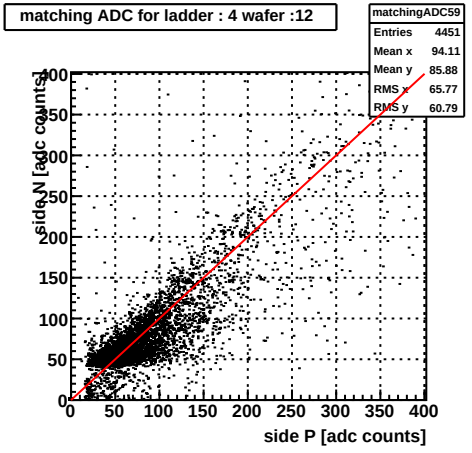

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 27
Mean y 153
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

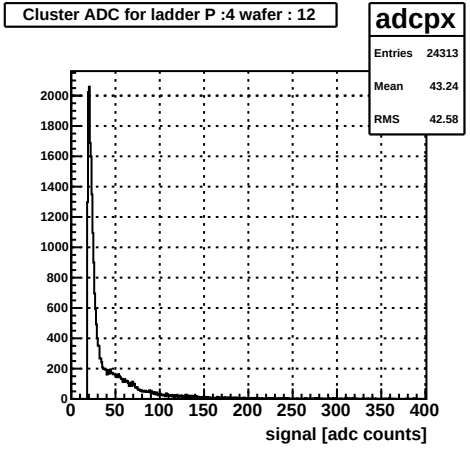

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 9
Mean 50.06
RMS 32.38
signal [adc counts]

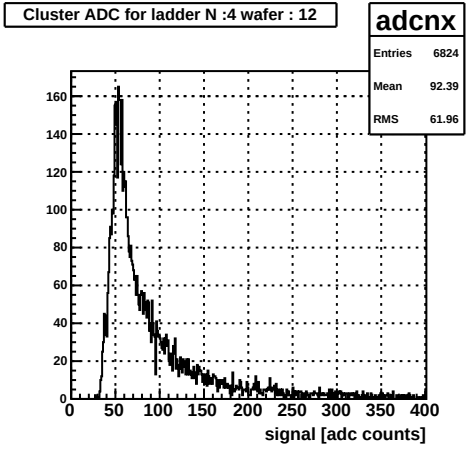

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 4303
Mean 75.68
RMS 57.06
signal [adc counts]

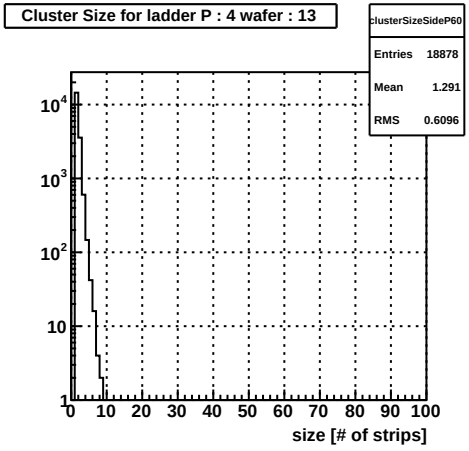

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 24313
Mean 1.144
RMS 0.4422
size [# of strips]

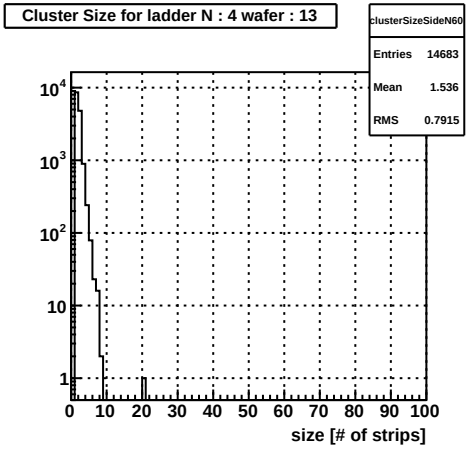

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 6824
Mean 1.228
RMS 0.5821
size [# of strips]

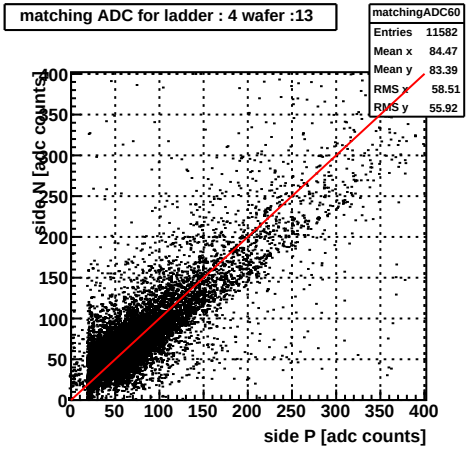

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4451
Mean x 94.11
Mean y 85.88
RMS x 65.77
RMS y 60.79
side N [adc counts]
side P [adc counts]

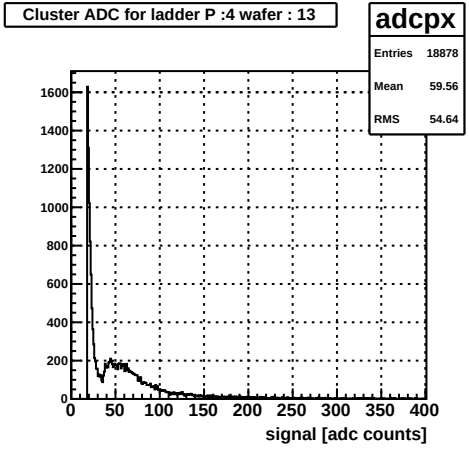

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 24313
Mean 43.24
RMS 42.58
signal [adc counts]

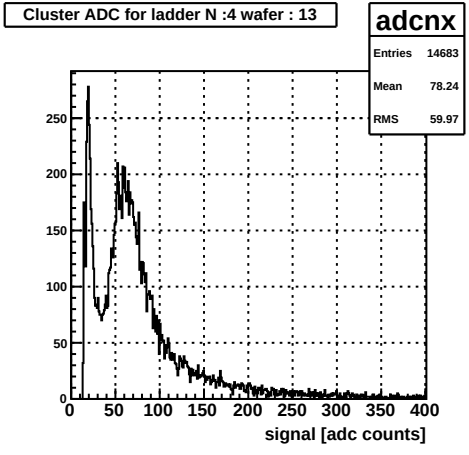

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 6824
Mean 92.39
RMS 61.96
signal [adc counts]

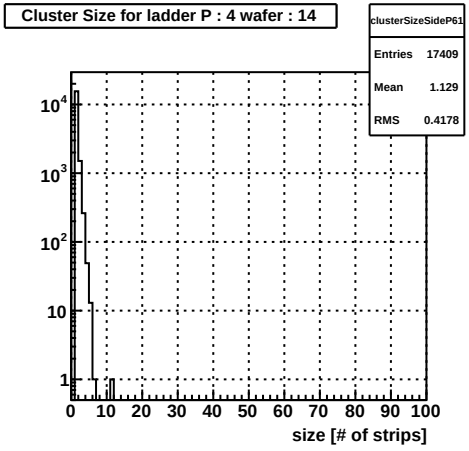

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 18878
Mean 1.291
RMS 0.6096
size [# of strips]

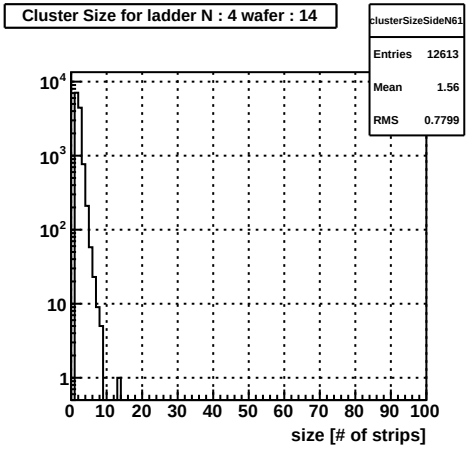

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 14683
Mean 1.536
RMS 0.7915
size [# of strips]

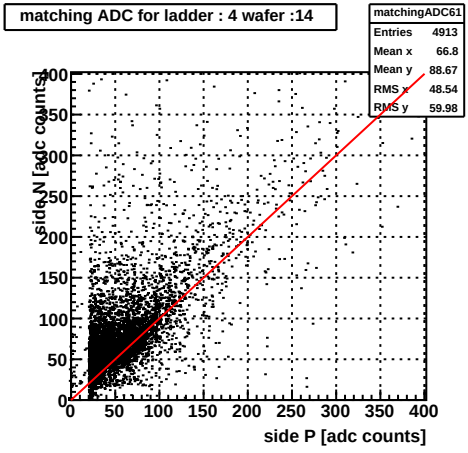

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 11582
Mean x 84.47
Mean y 83.39
RMS x 58.51
RMS y 55.92
side N [adc counts]
side P [adc counts]

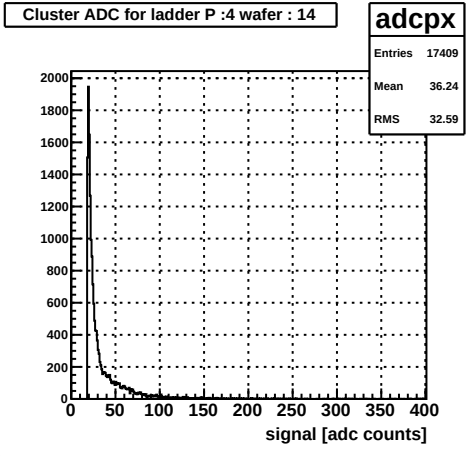

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 18878
Mean 59.56
RMS 54.64
signal [adc counts]

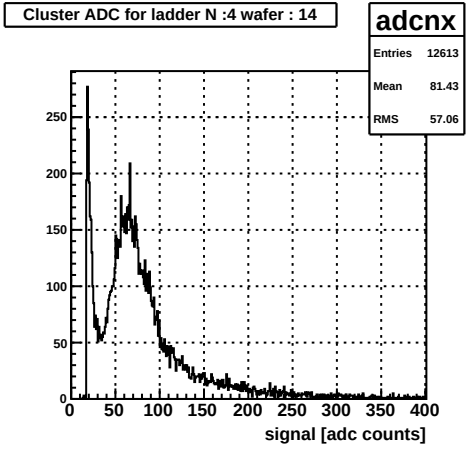

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 14683
Mean 78.24
RMS 59.97
signal [adc counts]

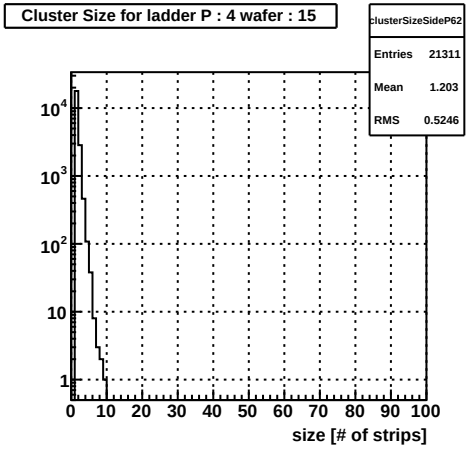

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 17409
Mean 1.129
RMS 0.4178
size [# of strips]

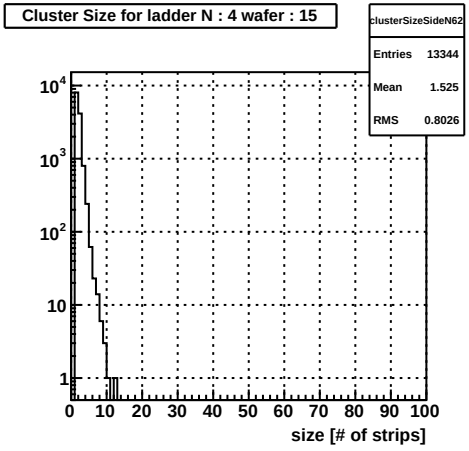

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 12613
Mean 1.56
RMS 0.7799
size [# of strips]

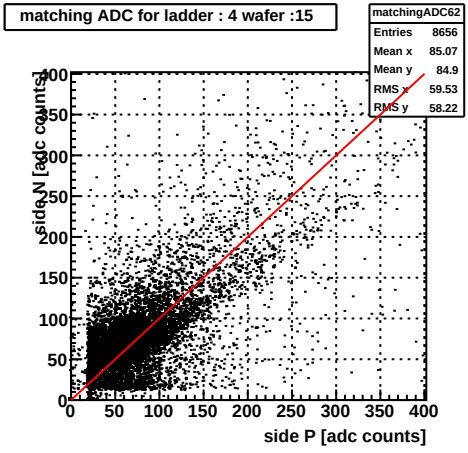

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 4913
Mean x 66.8
Mean y 88.67
RMS x 48.54
RMS y 59.98
side N [adc counts]
side P [adc counts]

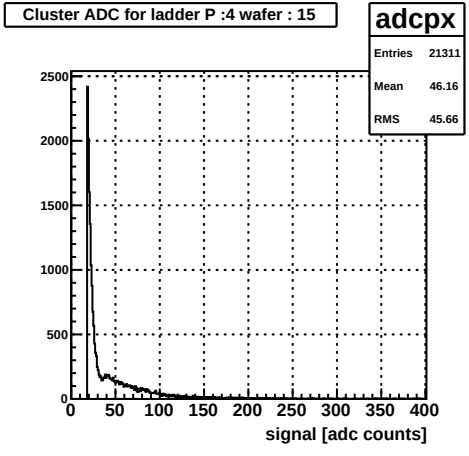

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 17409
Mean 36.24
RMS 32.59
signal [adc counts]

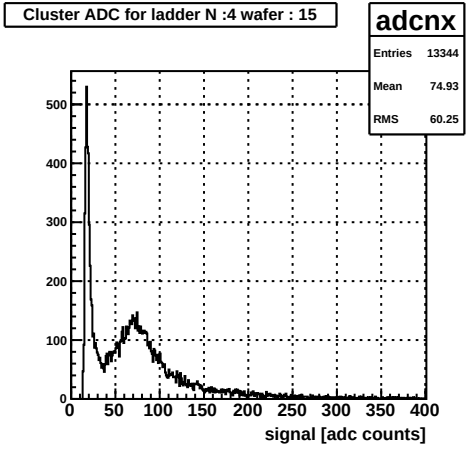

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 12613
Mean 81.43
RMS 57.06
signal [adc counts]

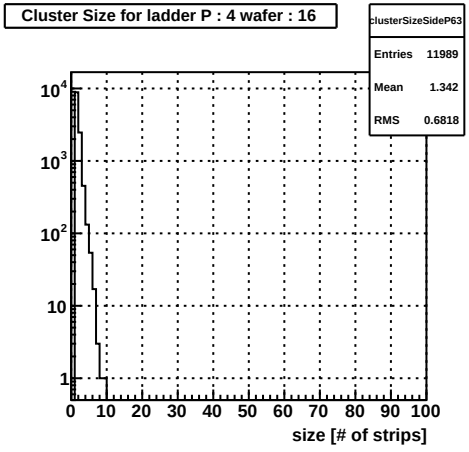

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 21311
Mean 1.203
RMS 0.5246
size [# of strips]

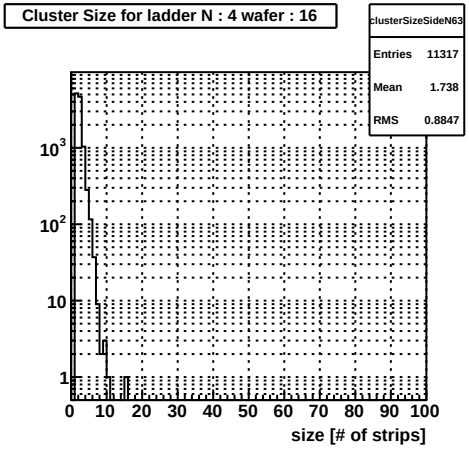

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 13344
Mean 1.525
RMS 0.8026
size [# of strips]

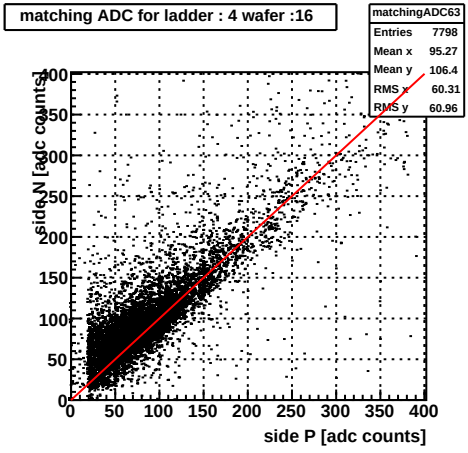

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 8656
Mean x 85.07
Mean y 84.9
RMS x 59.53
RMS y 58.22
side N [adc counts]
side P [adc counts]

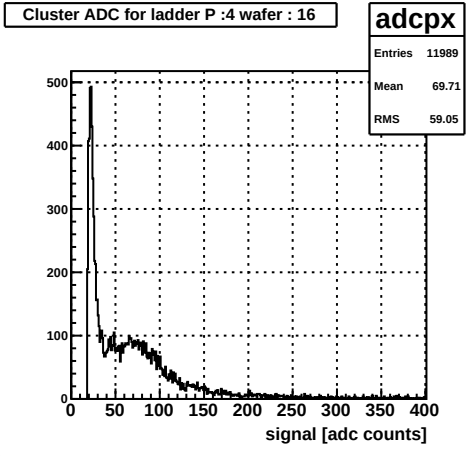

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 21311
Mean 46.16
RMS 45.66
signal [adc counts]

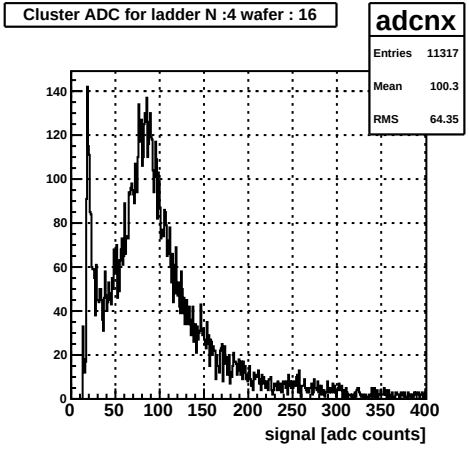

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 13344
Mean 74.93
RMS 60.25
signal [adc counts]

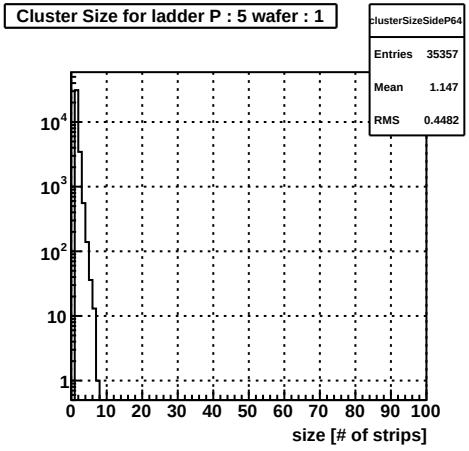

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 11989
Mean 1.342
RMS 0.6818
size [# of strips]

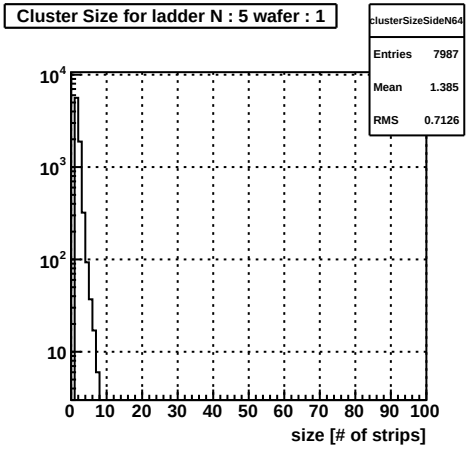

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 11317
Mean 1.738
RMS 0.8847
size [# of strips]

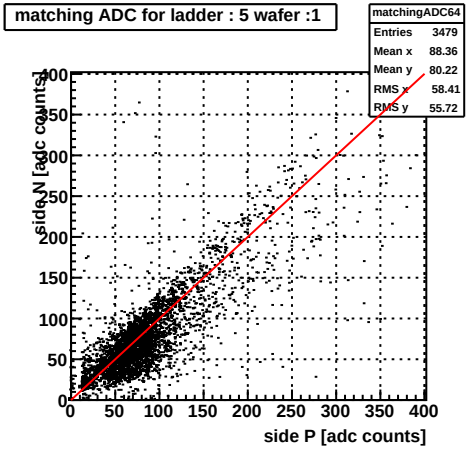

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 7798
Mean x 95.27
Mean y 106.4
RMS x 60.31
RMS y 60.96
side N [adc counts]
side P [adc counts]

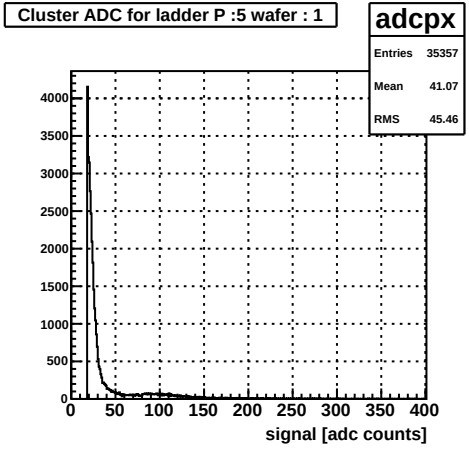

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 11989
Mean 69.71
RMS 59.05
signal [adc counts]

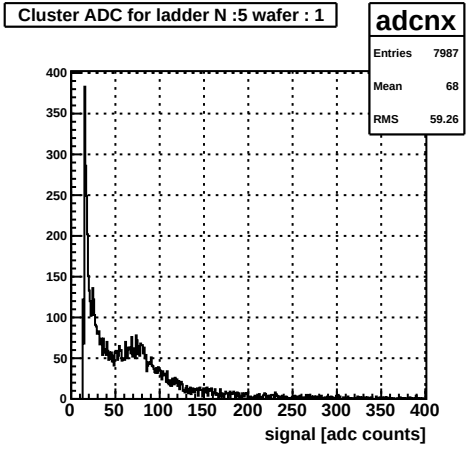

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 11317
Mean 100.3
RMS 64.35
signal [adc counts]

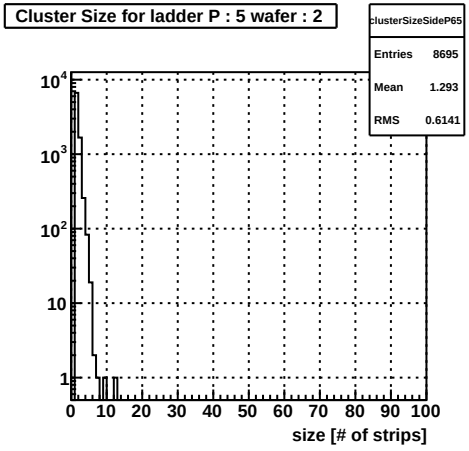

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 35357
Mean 1.147
RMS 0.4482
size [# of strips]

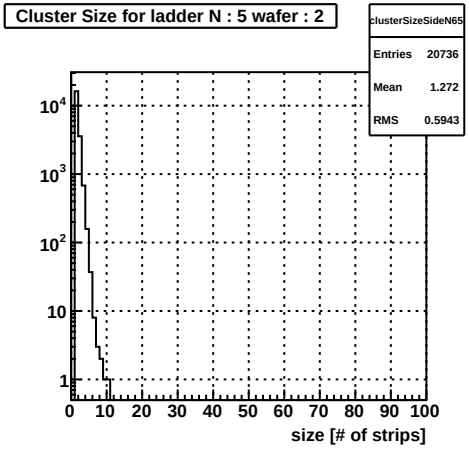

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 7987
Mean 1.385
RMS 0.7126
size [# of strips]

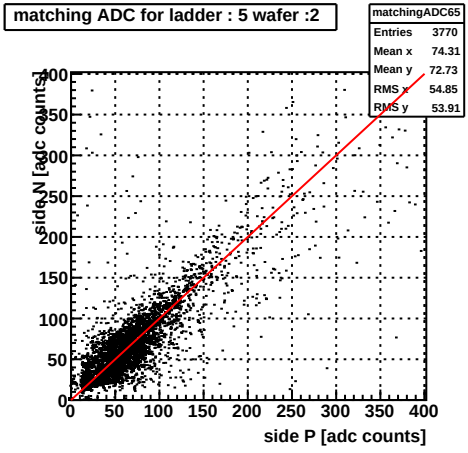

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3479
Mean x 88.36
Mean y 80.22
RMS x 58.41
RMS y 55.72
side N [adc counts]
side P [adc counts]

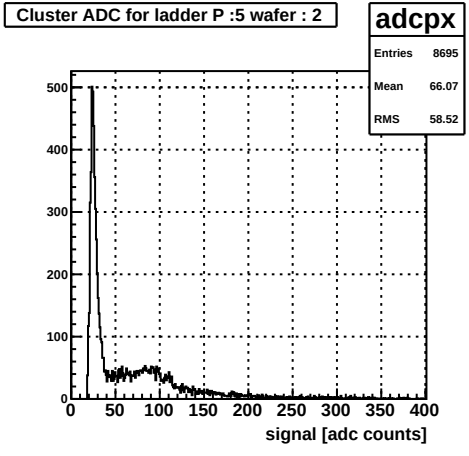

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 35357
Mean 41.07
RMS 45.46
signal [adc counts]

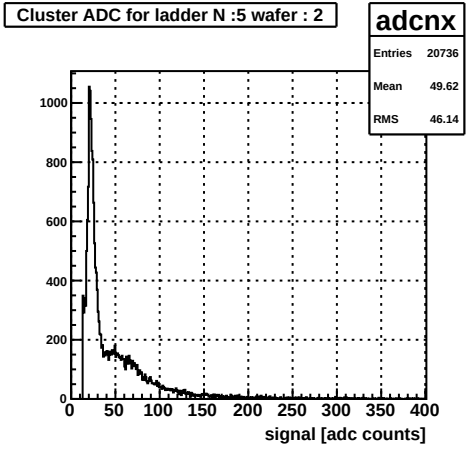

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 7987
Mean 68
RMS 59.26
signal [adc counts]

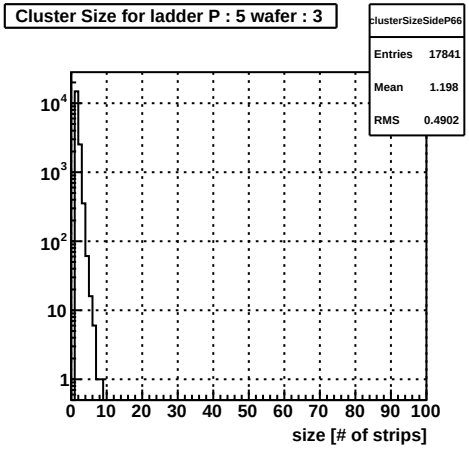

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 8695
Mean 1.293
RMS 0.6141
size [# of strips]

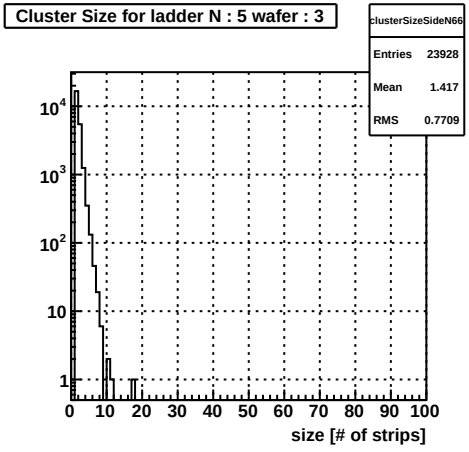

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 20736
Mean 1.272
RMS 0.5943
size [# of strips]

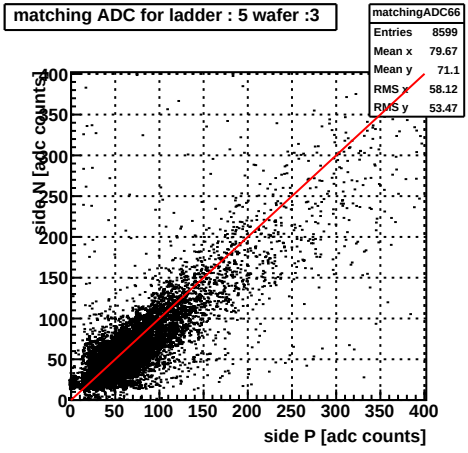

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3770
Mean x 74.31
Mean y 72.73
RMS x 54.85
RMS y 53.91
side N [adc counts]
side P [adc counts]

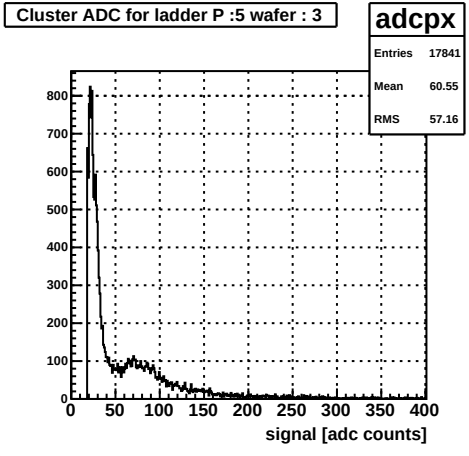

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 8695
Mean 66.07
RMS 58.52
signal [adc counts]

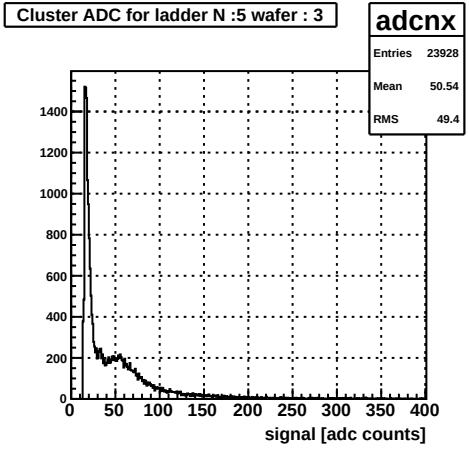

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 20736
Mean 49.62
RMS 46.14
signal [adc counts]

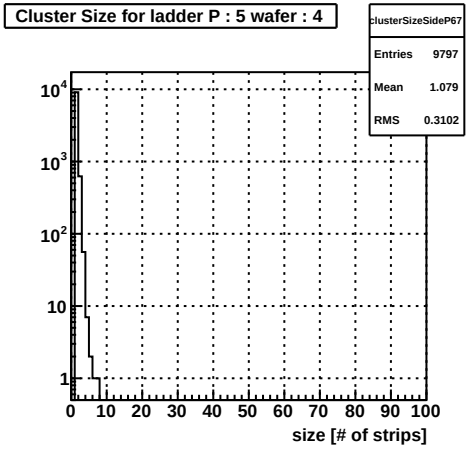

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 17841
Mean 1.198
RMS 0.4902
size [# of strips]

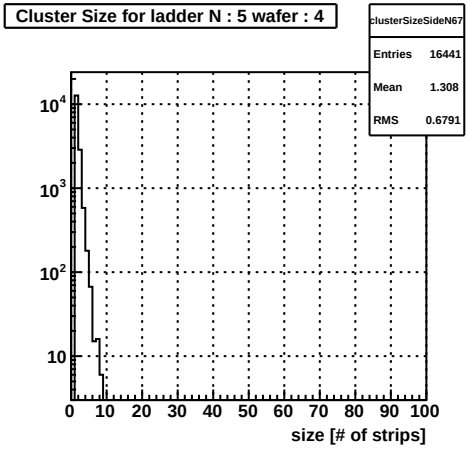

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 23928
Mean 1.417
RMS 0.7709
size [# of strips]

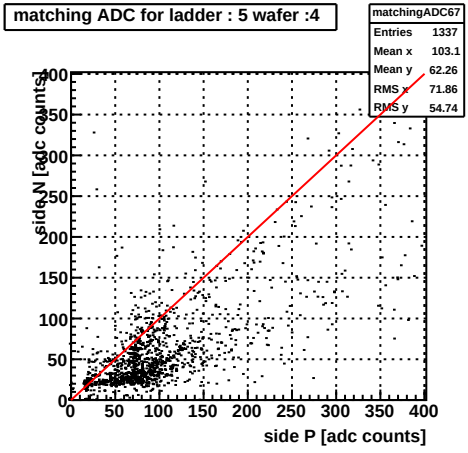

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8599
Mean x 79.67
Mean y 71.1
RMS x 58.12
RMS y 53.47
side N [adc counts]
side P [adc counts]

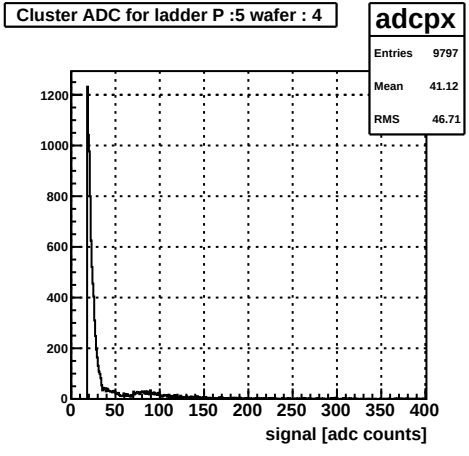

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 17841
Mean 60.55
RMS 57.16
signal [adc counts]

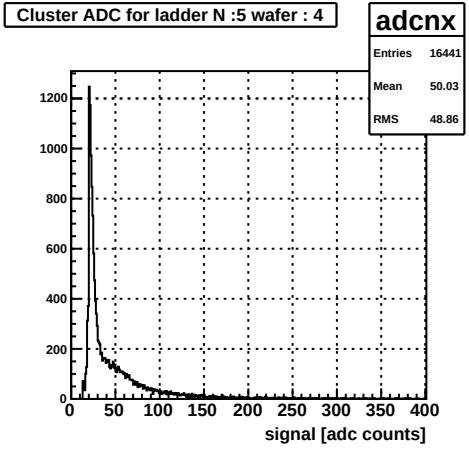

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 23928
Mean 50.54
RMS 49.4
signal [adc counts]

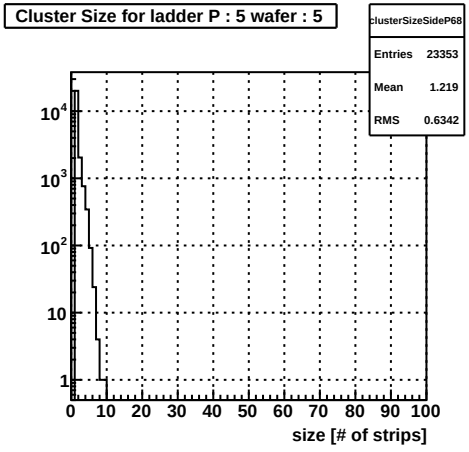

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 9797
Mean 1.079
RMS 0.3102
size [# of strips]

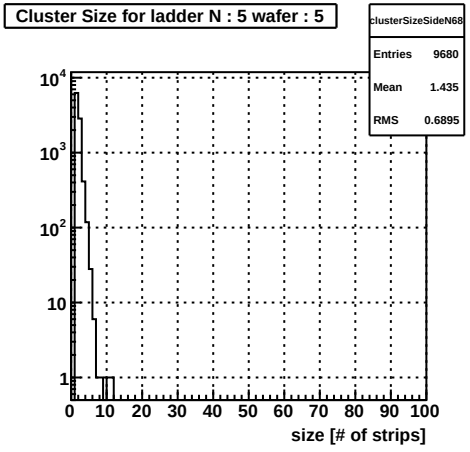

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 16441
Mean 1.308
RMS 0.6791
size [# of strips]

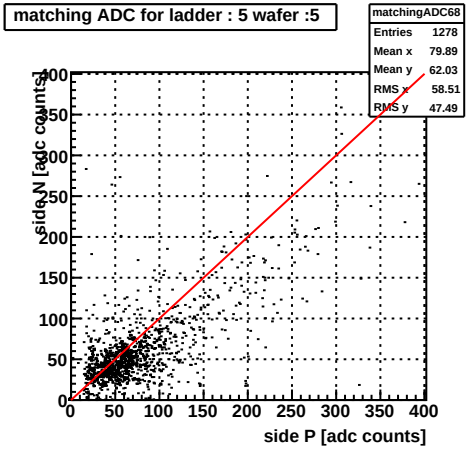

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1337
Mean x 103.1
Mean y 62.26
RMS x 71.86
RMS y 54.74
side N [adc counts]
side P [adc counts]

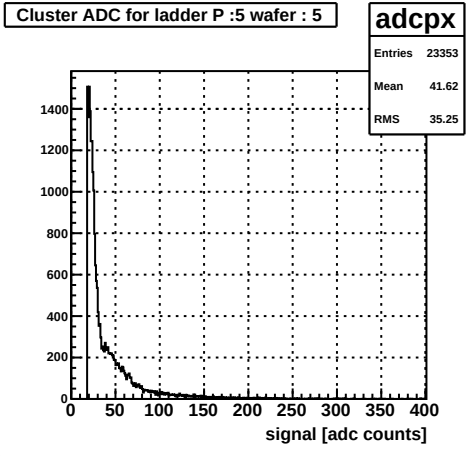

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 9797
Mean 41.12
RMS 46.71
signal [adc counts]

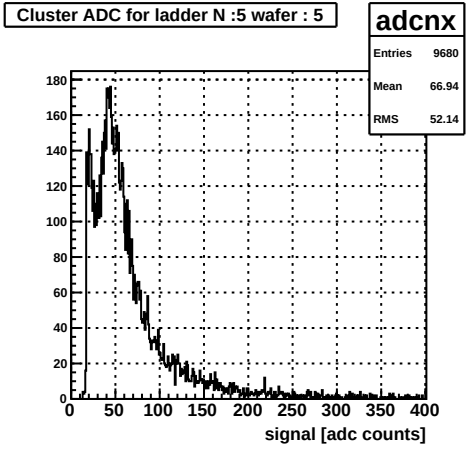

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 16441
Mean 50.03
RMS 48.86
signal [adc counts]

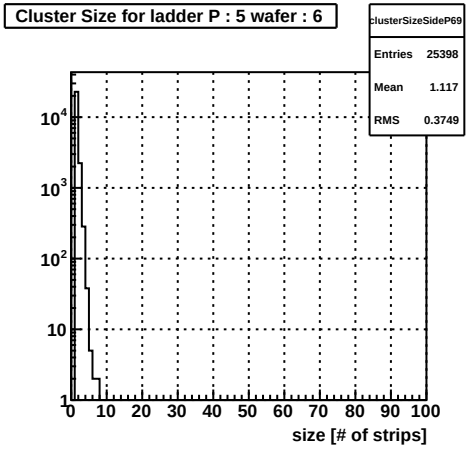

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 23353
Mean 1.219
RMS 0.6342
size [# of strips]

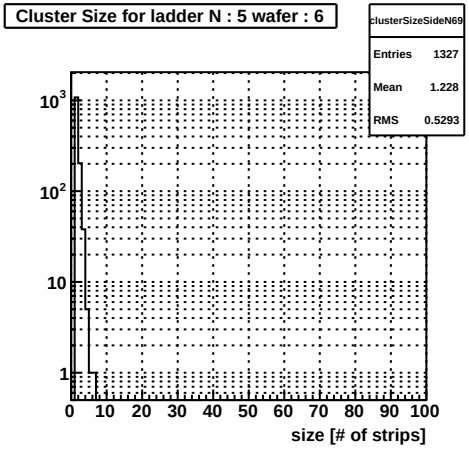

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 9680
Mean 1.435
RMS 0.6895
size [# of strips]

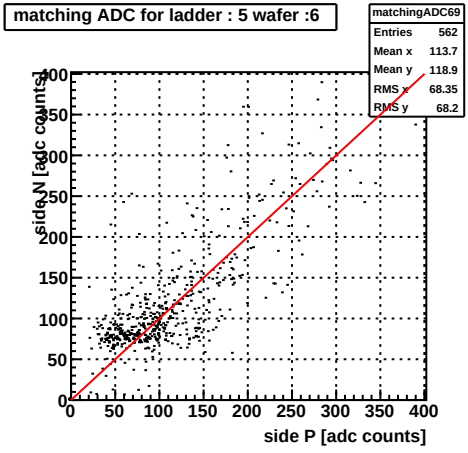

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1278
Mean x 79.89
Mean y 62.03
RMS x 58.51
RMS y 47.49
side N [adc counts]
side P [adc counts]

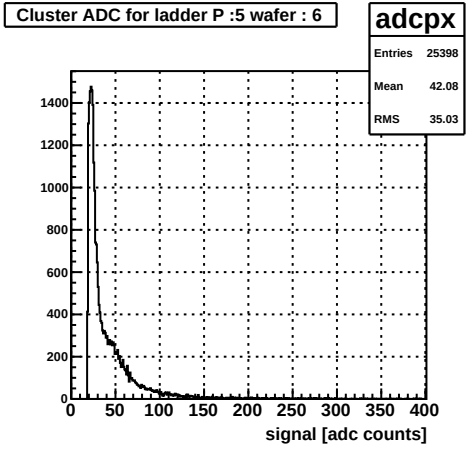

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 23353
Mean 41.62
RMS 35.25
signal [adc counts]

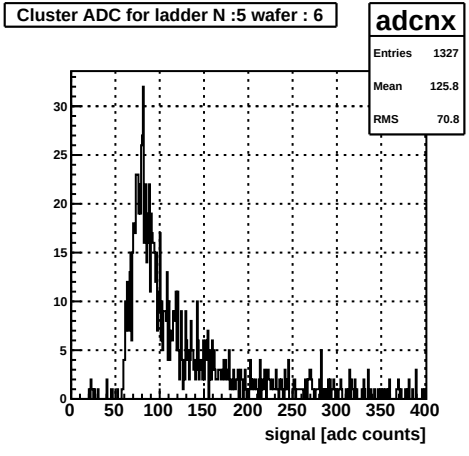

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 9680
Mean 66.94
RMS 52.14
signal [adc counts]

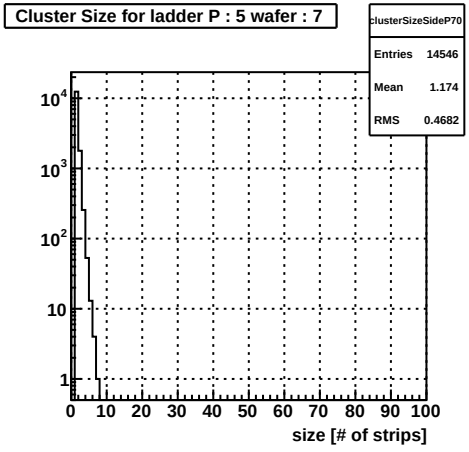

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 25398
Mean 1.117
RMS 0.3749
size [# of strips]

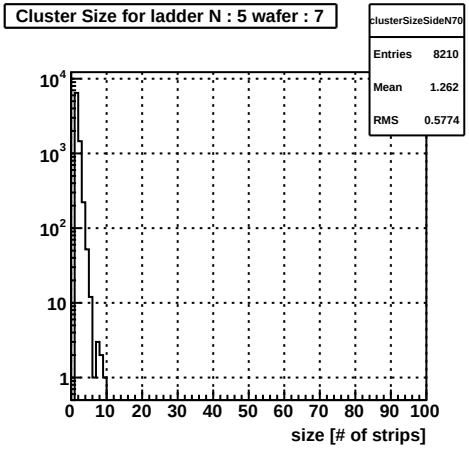

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1327
Mean 1.228
RMS 0.5293
size [# of strips]

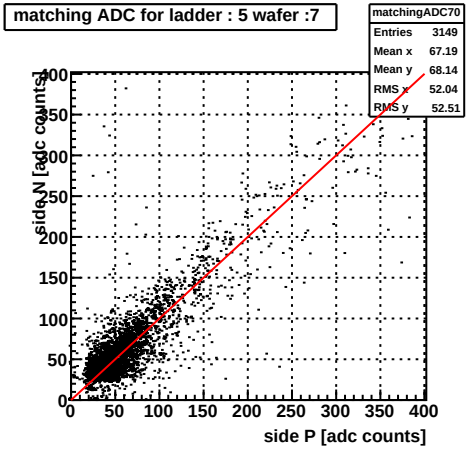

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 562
Mean x 113.7
Mean y 118.9
RMS x 68.35
RMS y 68.2
side N [adc counts]
side P [adc counts]

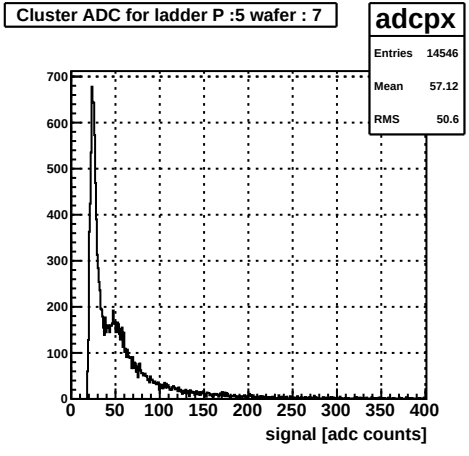

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 25398
Mean 42.08
RMS 35.03
signal [adc counts]

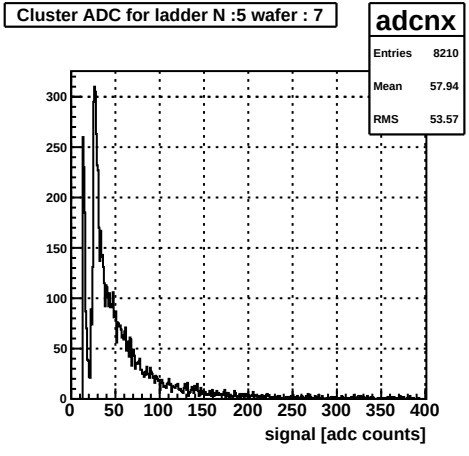

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1327
Mean 125.8
RMS 70.8
signal [adc counts]

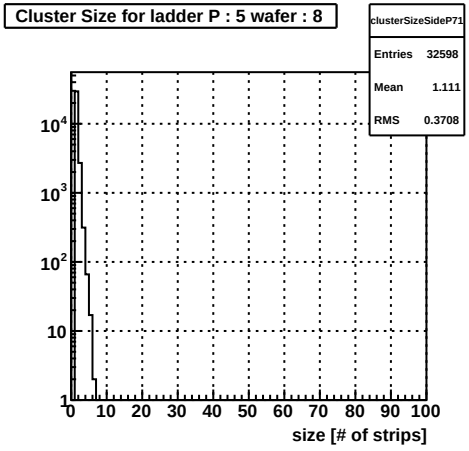

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 14546
Mean 1.174
RMS 0.4682
size [# of strips]

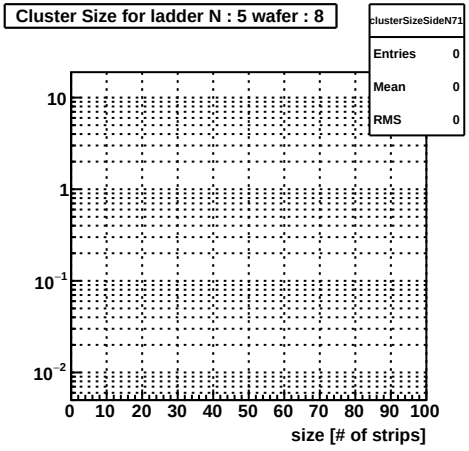

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8210
Mean 1.262
RMS 0.5774
size [# of strips]

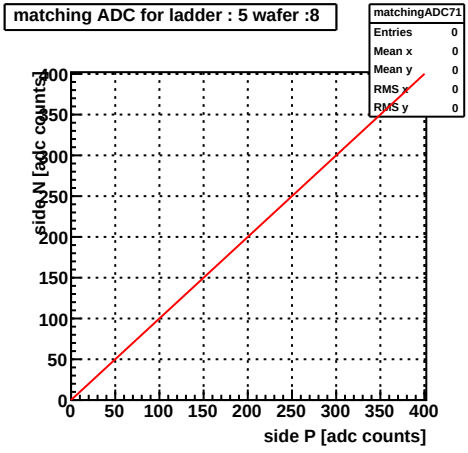

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3149
Mean x 67.19
Mean y 68.14
RMS x 52.04
RMS y 52.51
side N [adc counts]
side P [adc counts]

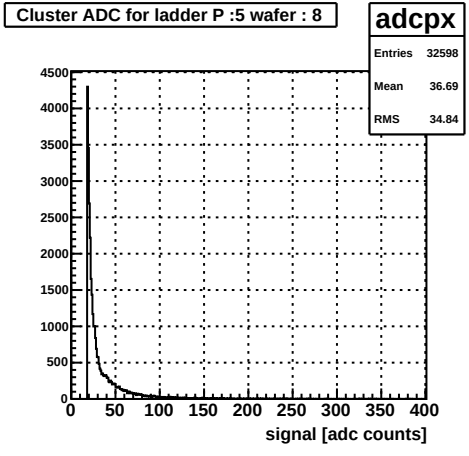

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 14546
Mean 57.12
RMS 50.6
signal [adc counts]

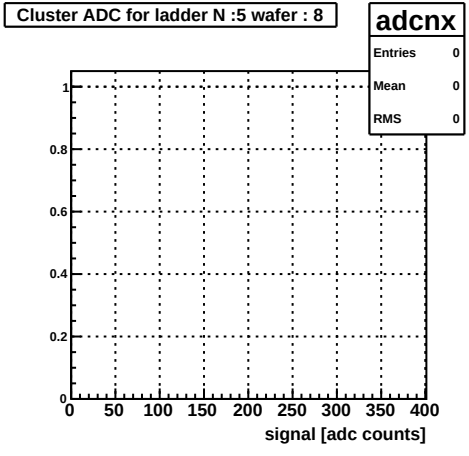

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8210
Mean 57.94
RMS 53.57
signal [adc counts]

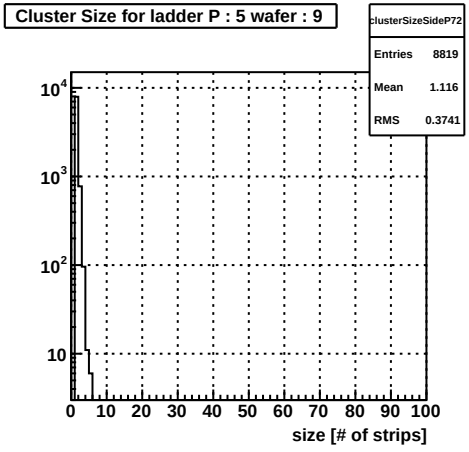

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 32598
Mean 1.111
RMS 0.3708
size [# of strips]

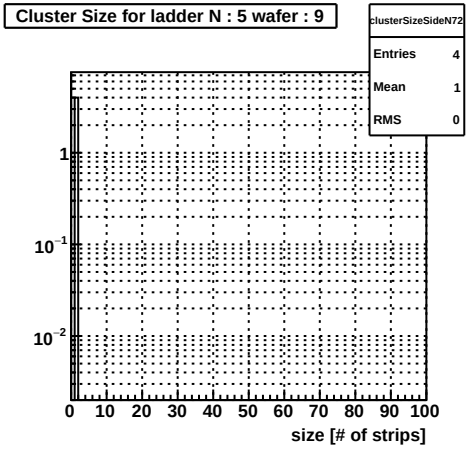

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

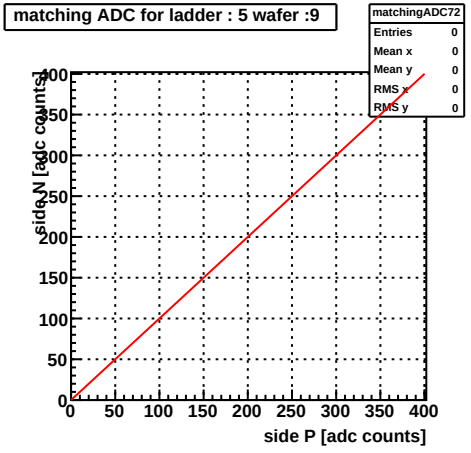

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

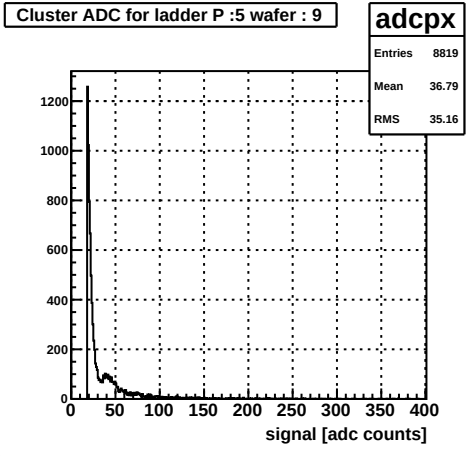

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 32598
Mean 36.69
RMS 34.84
signal [adc counts]

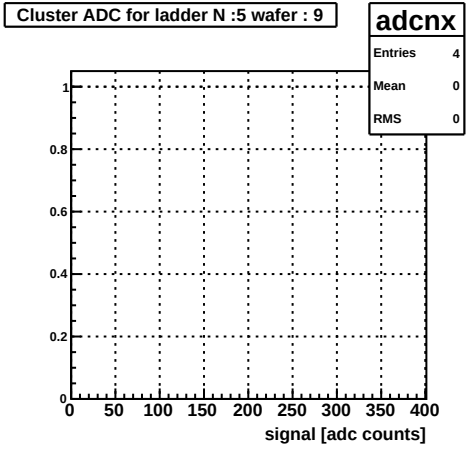

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

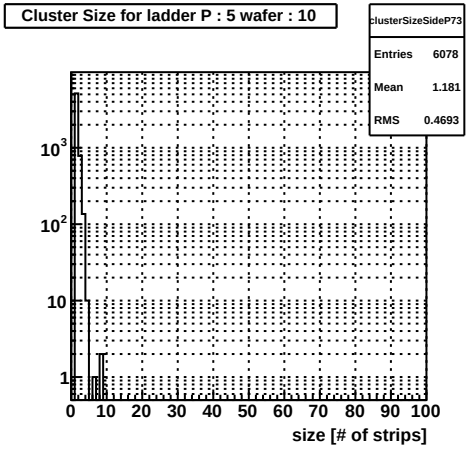

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8819
Mean 1.116
RMS 0.3741
size [# of strips]

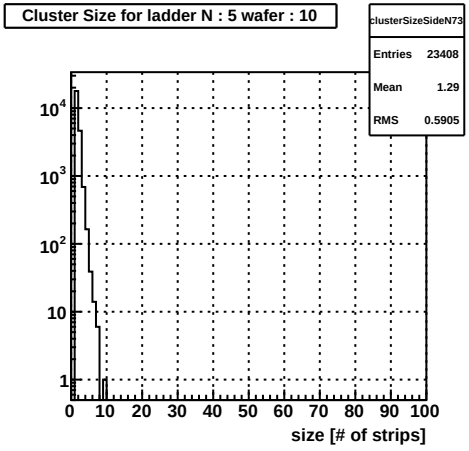

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

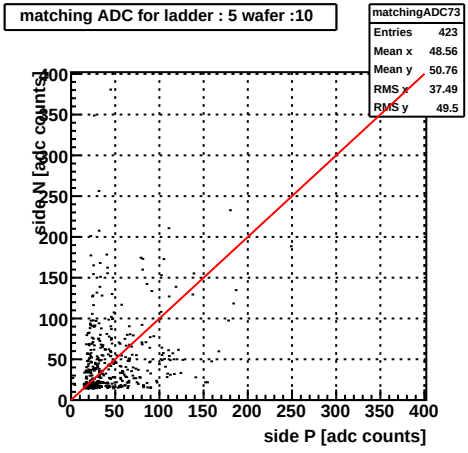

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

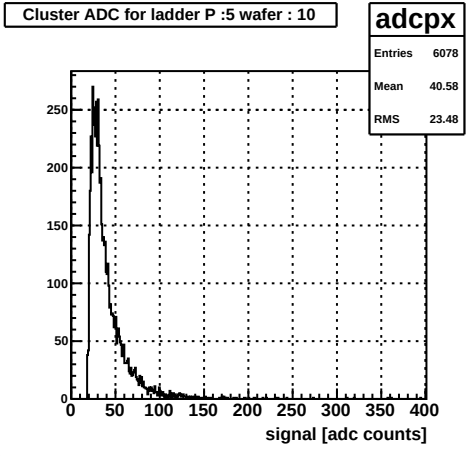

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8819
Mean 36.79
RMS 35.16
signal [adc counts]

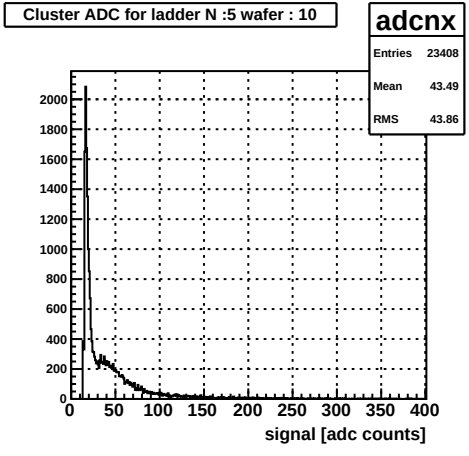

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

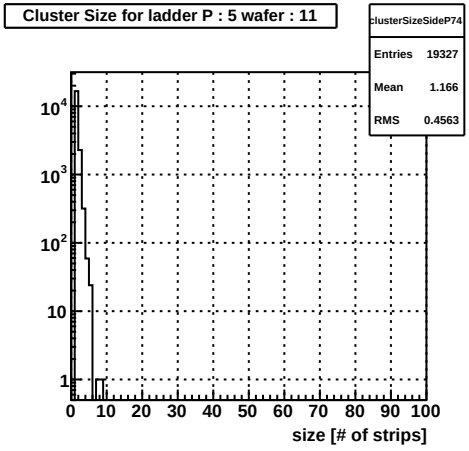

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6078
Mean 1.181
RMS 0.4693
size [# of strips]

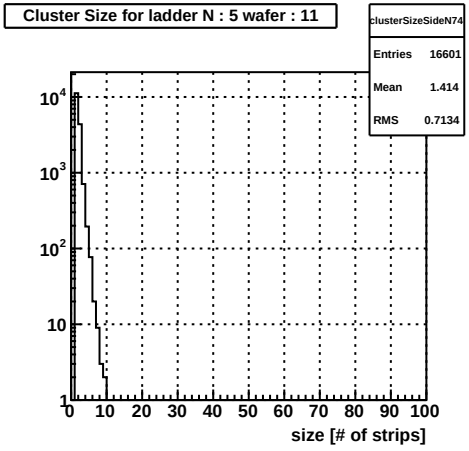

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 23408
Mean 1.29
RMS 0.5905
size [# of strips]

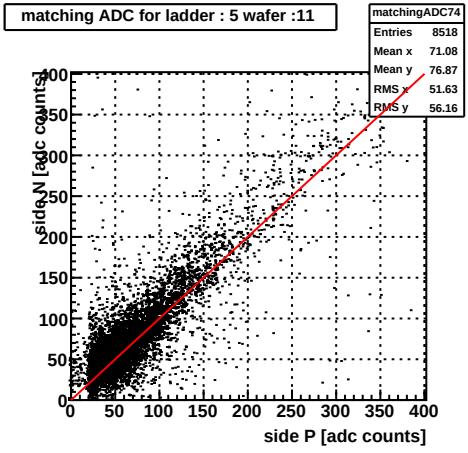

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 423
Mean x 48.56
Mean y 50.76
RMS x 37.49
RMS y 49.5
side N [adc counts]
side P [adc counts]

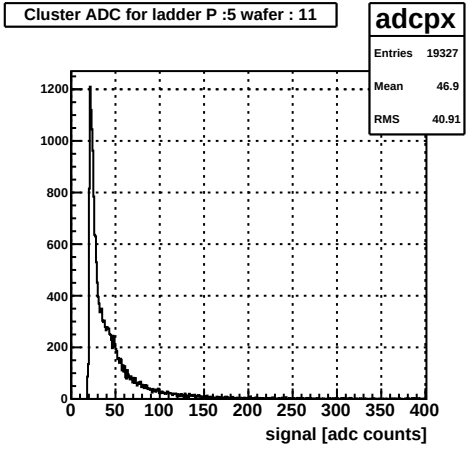

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6078
Mean 40.58
RMS 23.48
signal [adc counts]

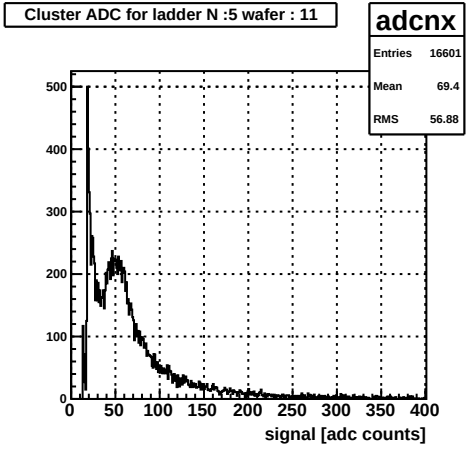

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 23408
Mean 43.49
RMS 43.86
signal [adc counts]

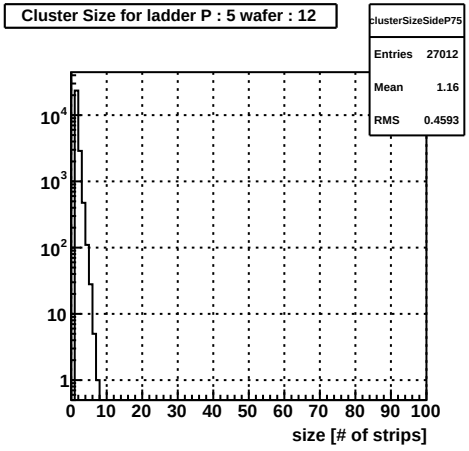

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 19327
Mean 1.166
RMS 0.4563
size [# of strips]

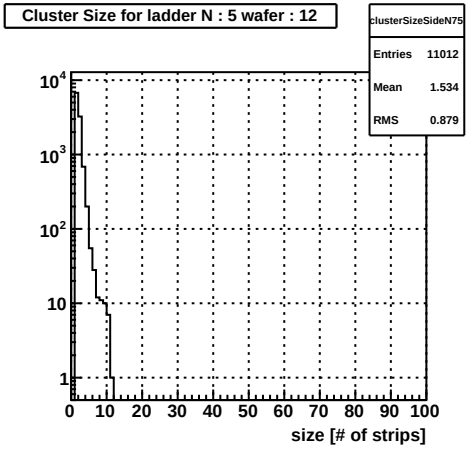

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 16601
Mean 1.414
RMS 0.7134
size [# of strips]

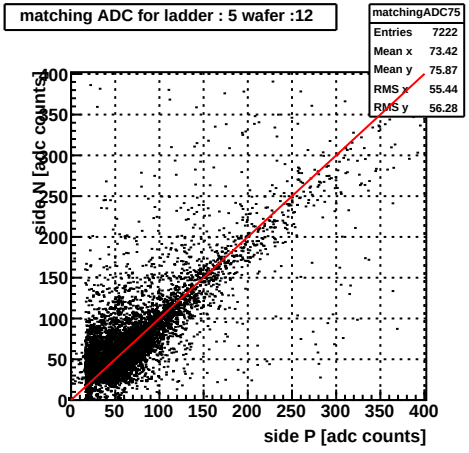

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 8518
Mean x 71.08
Mean y 76.87
RMS x 51.63
RMS y 56.16
side N [adc counts]
side P [adc counts]

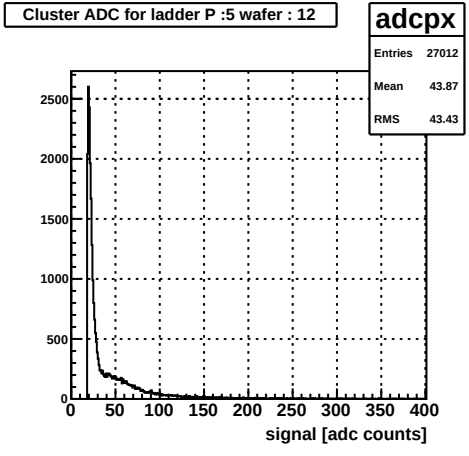

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 19327
Mean 46.9
RMS 40.91
signal [adc counts]

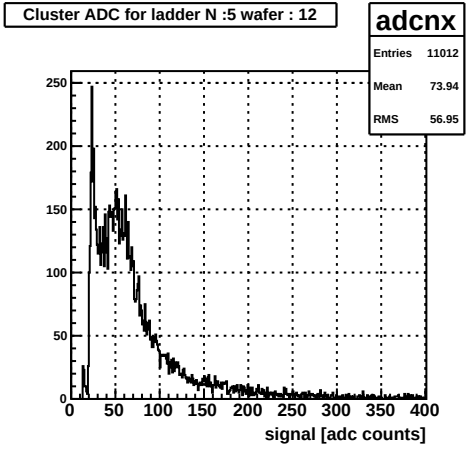

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 16601
Mean 69.4
RMS 56.88
signal [adc counts]

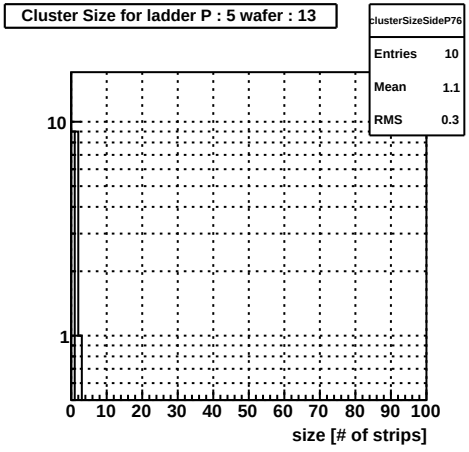

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 27012
Mean 1.16
RMS 0.4593
size [# of strips]

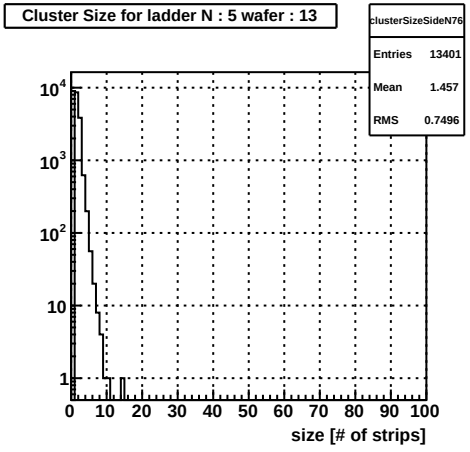

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 11012
Mean 1.534
RMS 0.879
size [# of strips]

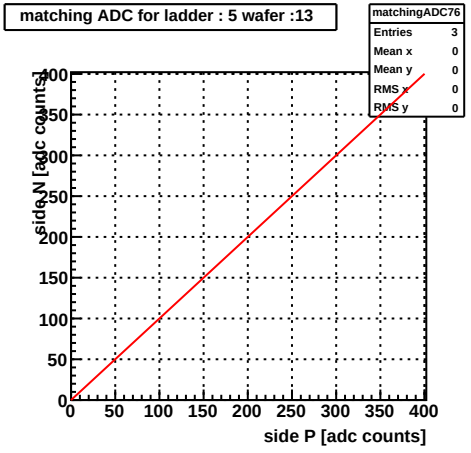

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7222
Mean x 73.42
Mean y 75.87
RMS x 55.44
RMS y 56.28
side N [adc counts]
side P [adc counts]

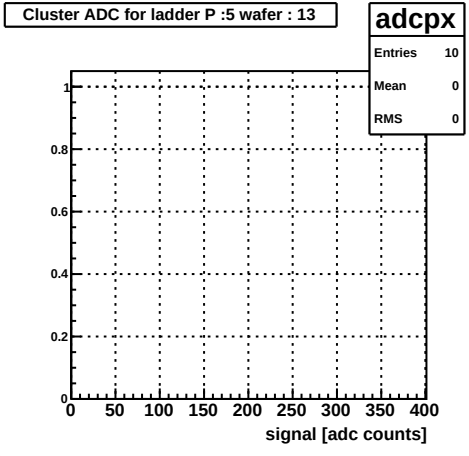

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 27012
Mean 43.87
RMS 43.43
signal [adc counts]

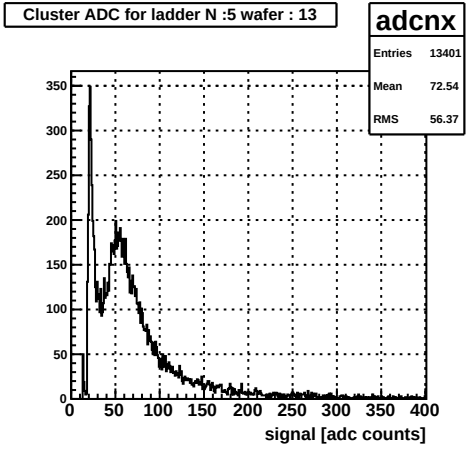

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 11012
Mean 73.94
RMS 56.95
signal [adc counts]

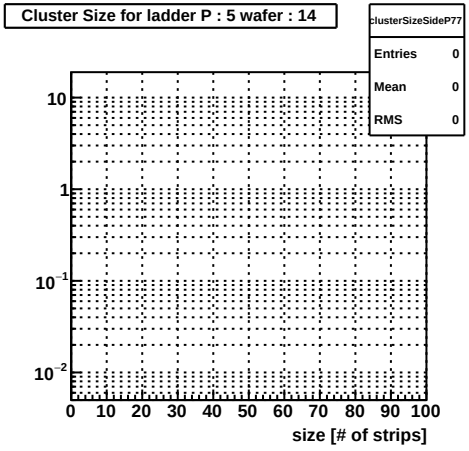

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

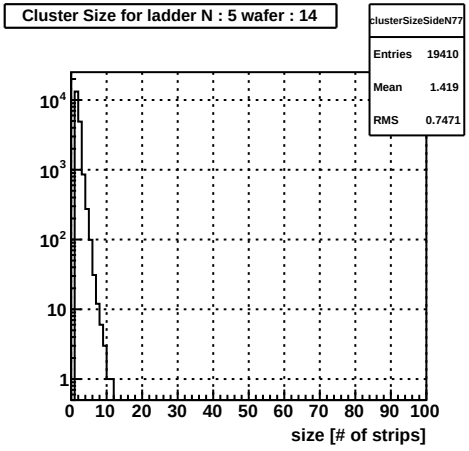

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 13401
Mean 1.457
RMS 0.7496
size [# of strips]

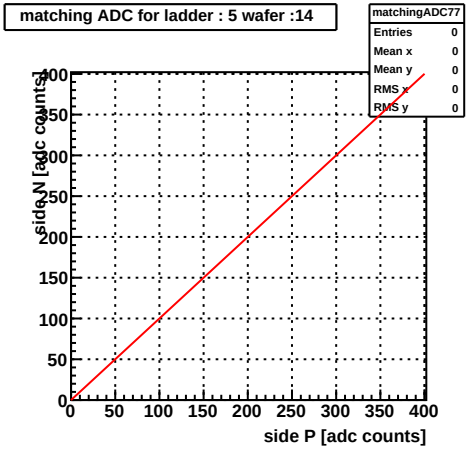

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

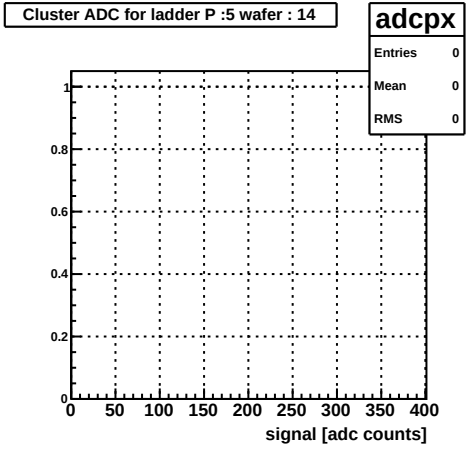

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

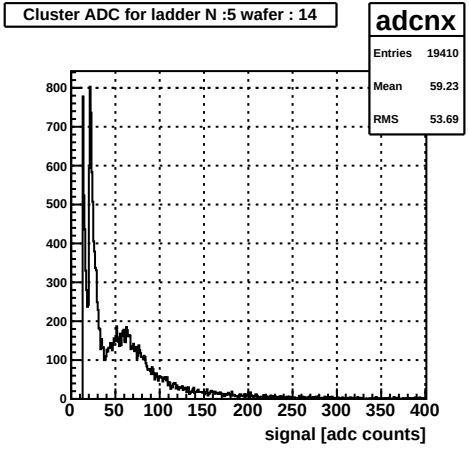

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 13401
Mean 72.54
RMS 56.37
signal [adc counts]

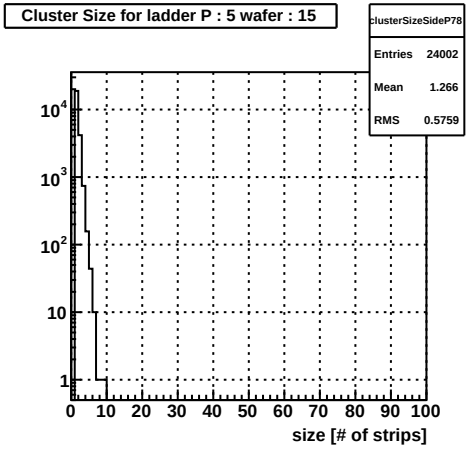

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

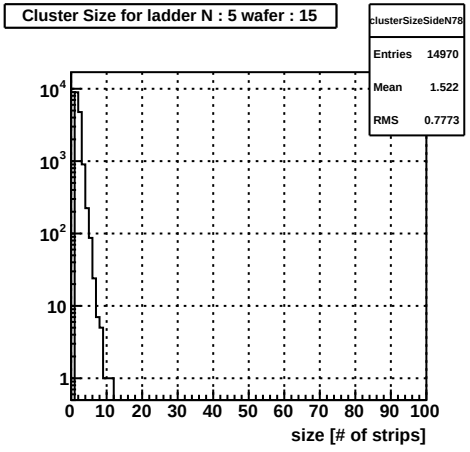

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 19410
Mean 1.419
RMS 0.7471
size [# of strips]

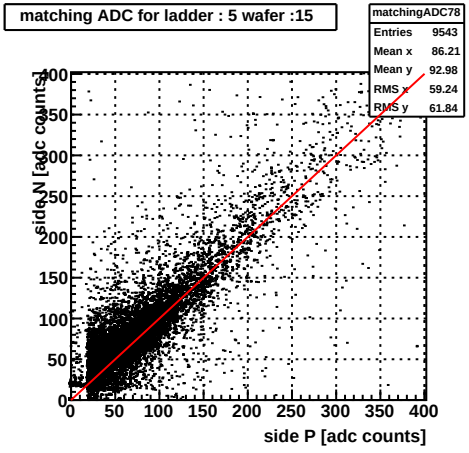

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

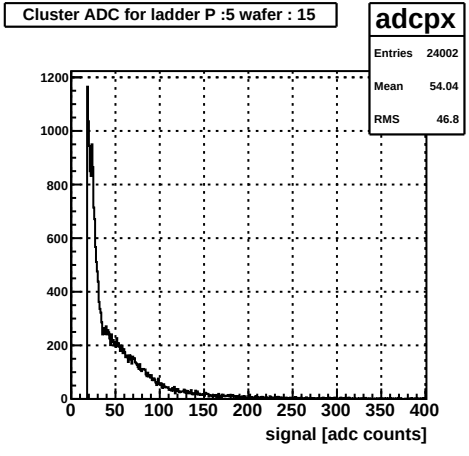

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

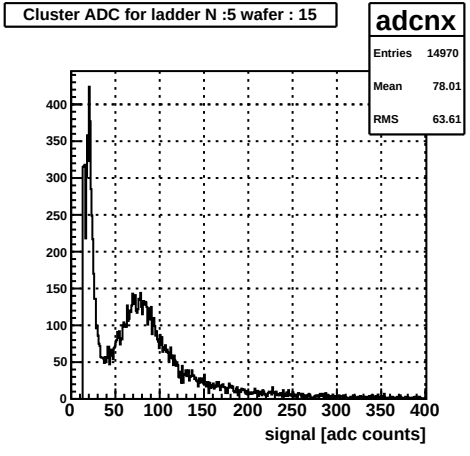

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 19410
Mean 59.23
RMS 53.69
signal [adc counts]

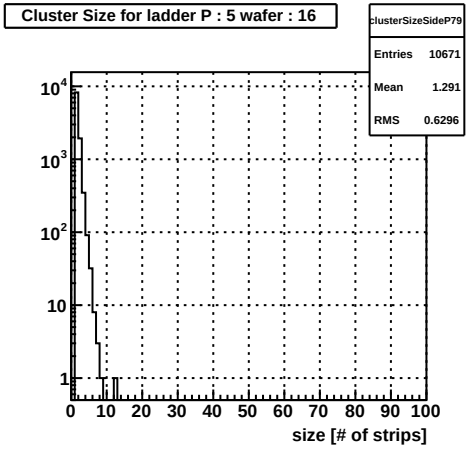

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 24002
Mean 1.266
RMS 0.5759
size [# of strips]

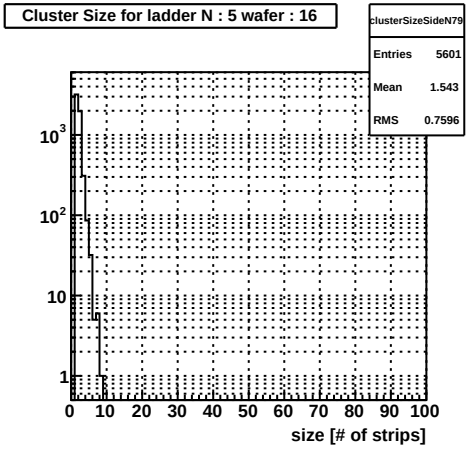

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 14970
Mean 1.522
RMS 0.7773
size [# of strips]

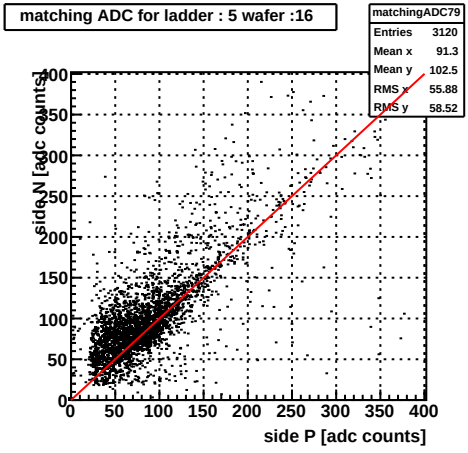

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9543
Mean x 86.21
Mean y 92.98
RMS x 59.24
RMS y 61.84
side N [adc counts]
side P [adc counts]

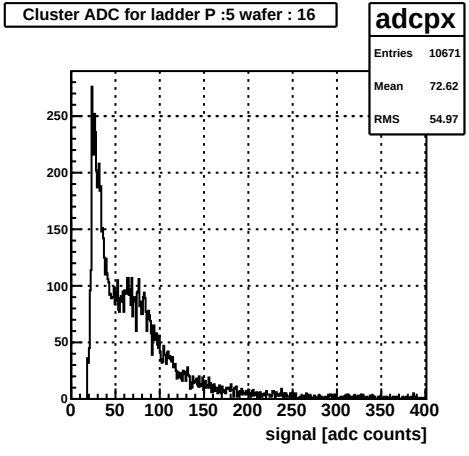

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 24002
Mean 54.04
RMS 46.8
signal [adc counts]

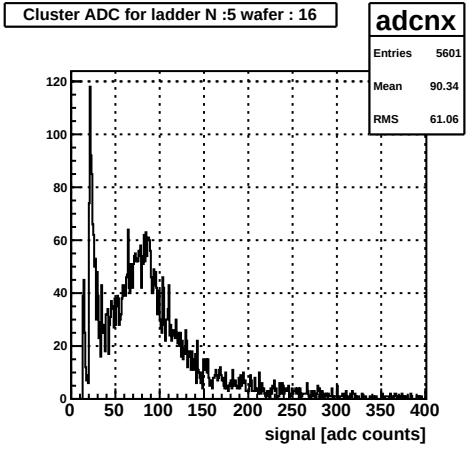

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 14970
Mean 78.01
RMS 63.61
signal [adc counts]

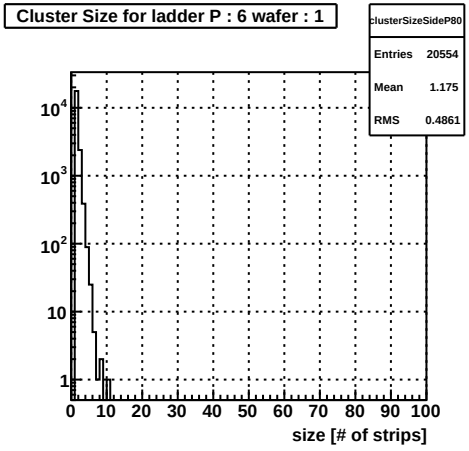

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10671
Mean 1.291
RMS 0.6296
size [# of strips]

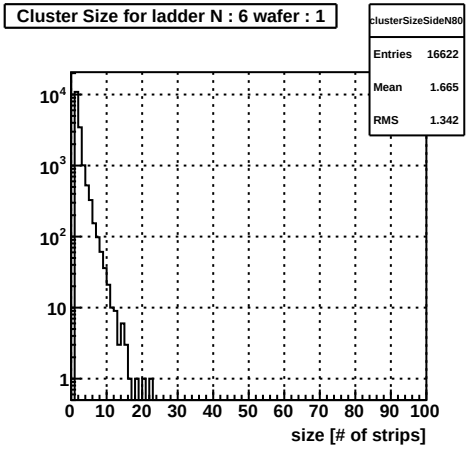

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5601
Mean 1.543
RMS 0.7596
size [# of strips]

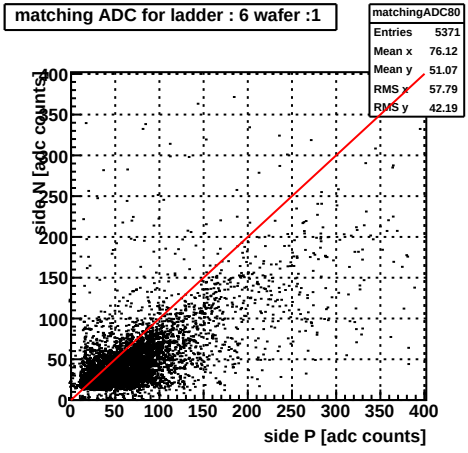

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3120
Mean x 91.3
Mean y 102.5
RMS x 55.88
RMS y 58.52
side N [adc counts]
side P [adc counts]

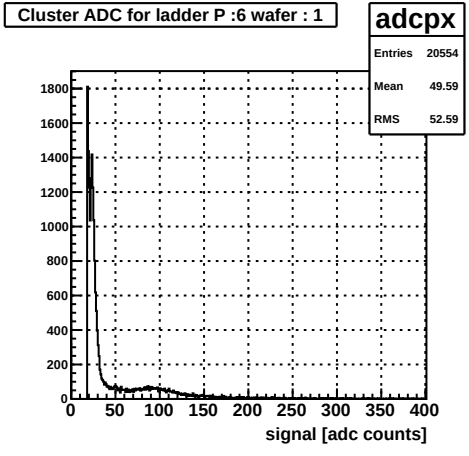

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10671
Mean 72.62
RMS 54.97
signal [adc counts]

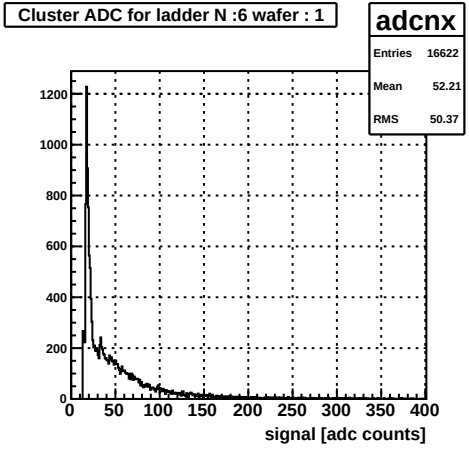

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5601
Mean 90.34
RMS 61.06
signal [adc counts]

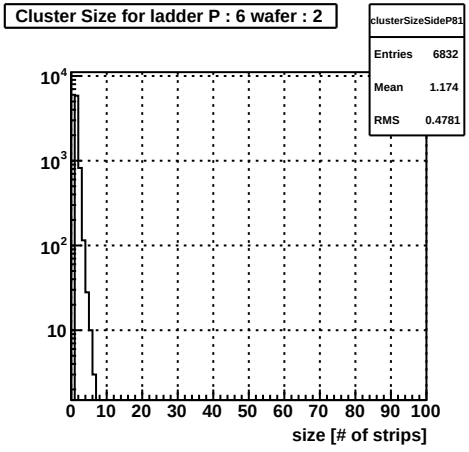

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 20554
Mean 1.175
RMS 0.4861
size [# of strips]

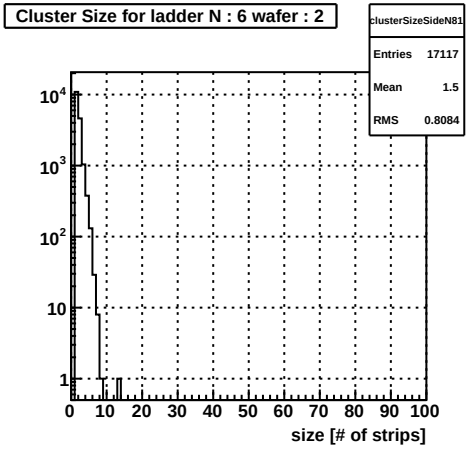

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16622
Mean 1.665
RMS 1.342
size [# of strips]

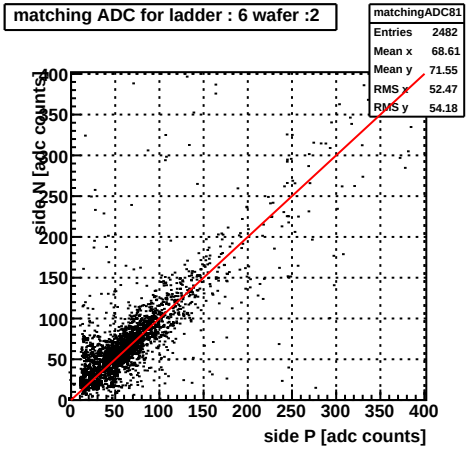

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5371
Mean x 76.12
Mean y 51.07
RMS x 57.79
RMS y 42.19
side N [adc counts]
side P [adc counts]

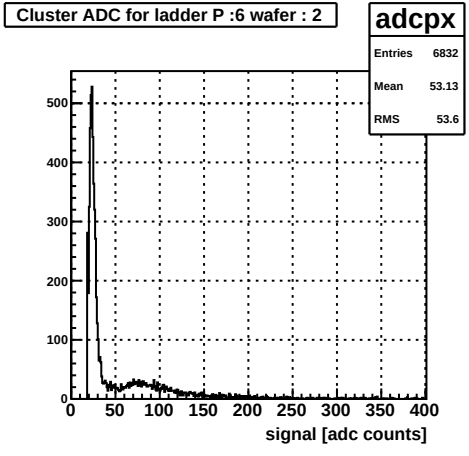

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 20554
Mean 49.59
RMS 52.59
signal [adc counts]

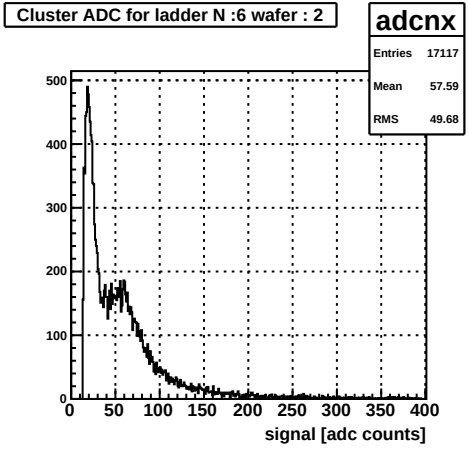

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16622
Mean 52.21
RMS 50.37
signal [adc counts]

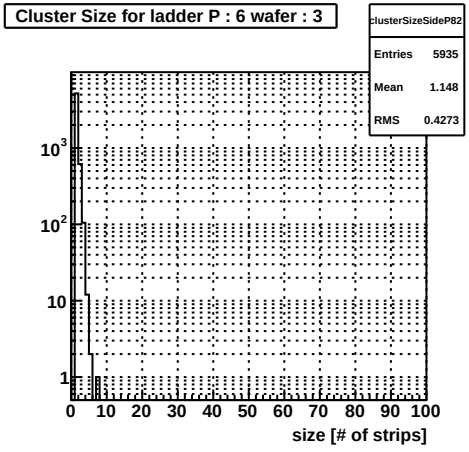

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 6832
Mean 1.174
RMS 0.4781
size [# of strips]

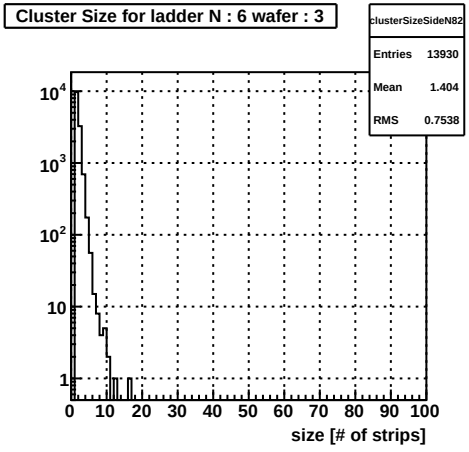

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 17117
Mean 1.5
RMS 0.8084
size [# of strips]

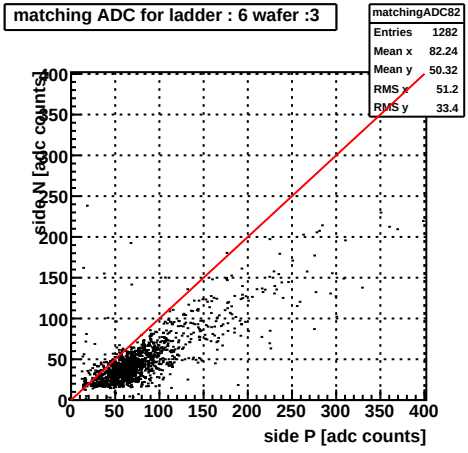

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2482
Mean x 68.61
Mean y 71.55
RMS x 52.47
RMS y 54.18
side N [adc counts]
side P [adc counts]

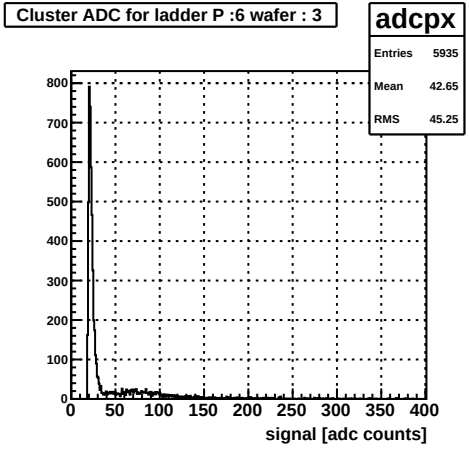

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 6832
Mean 53.13
RMS 53.6
signal [adc counts]

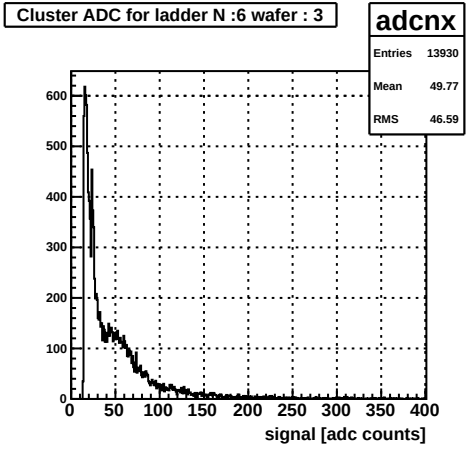

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 17117
Mean 57.59
RMS 49.68
signal [adc counts]

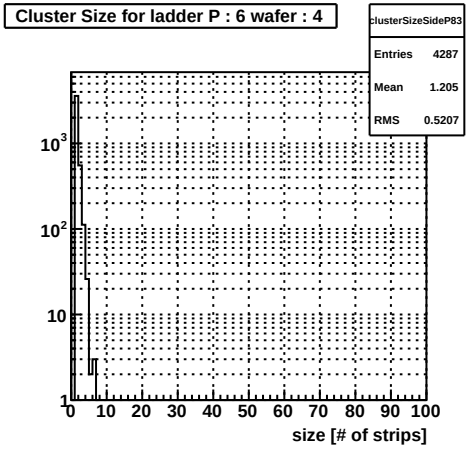

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 5935
Mean 1.148
RMS 0.4273
size [# of strips]

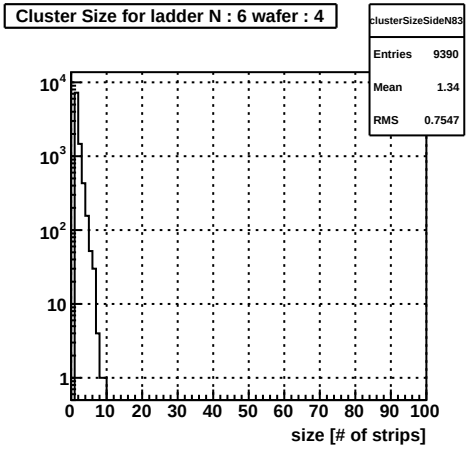

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 13930
Mean 1.404
RMS 0.7538
size [# of strips]

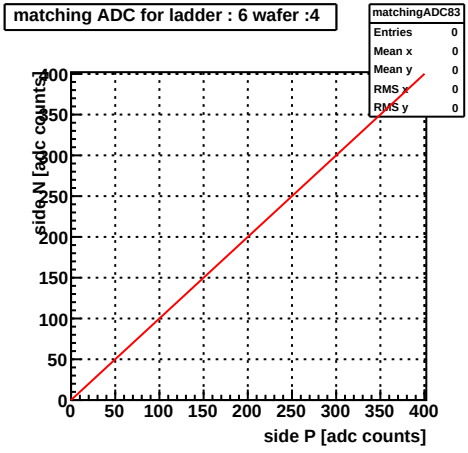

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1282
Mean x 82.24
Mean y 50.32
RMS x 51.2
RMS y 33.4
side N [adc counts]
side P [adc counts]

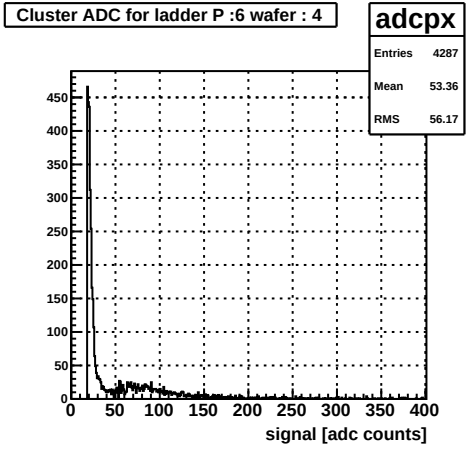

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 5935
Mean 42.65
RMS 45.25
signal [adc counts]

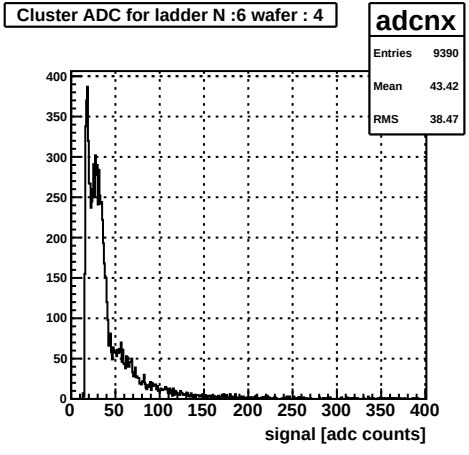

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 13930
Mean 49.77
RMS 46.59
signal [adc counts]

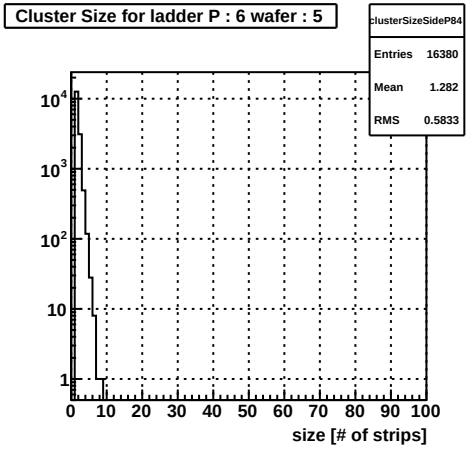

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 4287
Mean 1.205
RMS 0.5207
size [# of strips]

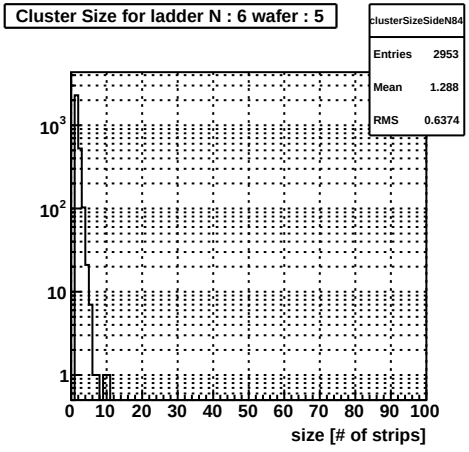

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 9390
Mean 1.34
RMS 0.7547
size [# of strips]

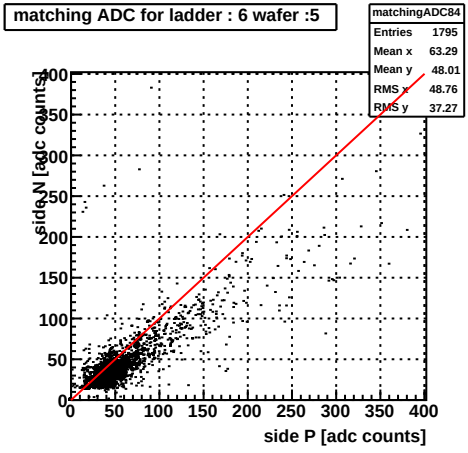

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

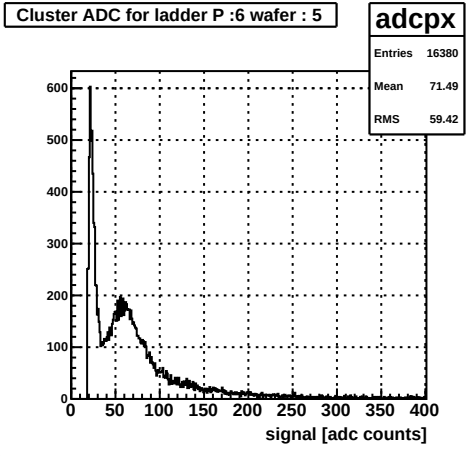

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 4287
Mean 53.36
RMS 56.17
signal [adc counts]

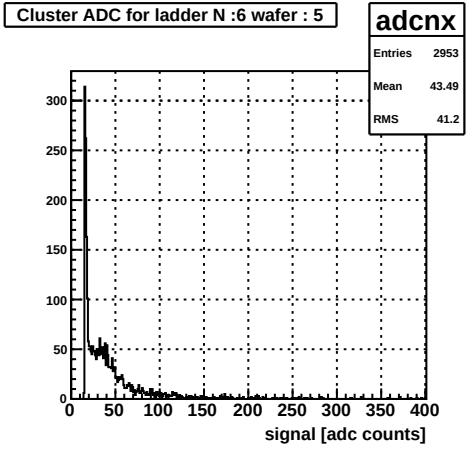

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 9390
Mean 43.42
RMS 38.47
signal [adc counts]

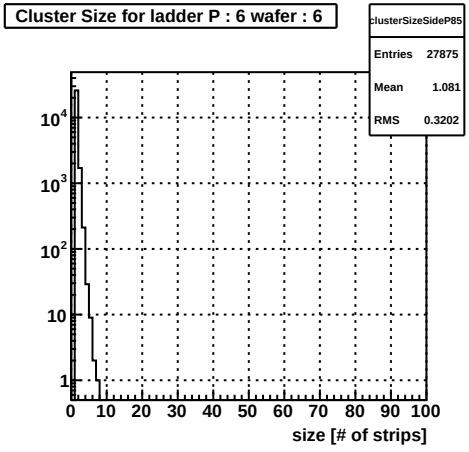

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 16380
Mean 1.282
RMS 0.5833
size [# of strips]

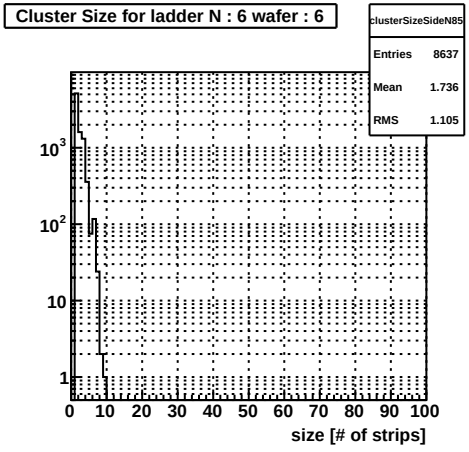

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2953
Mean 1.288
RMS 0.6374
size [# of strips]

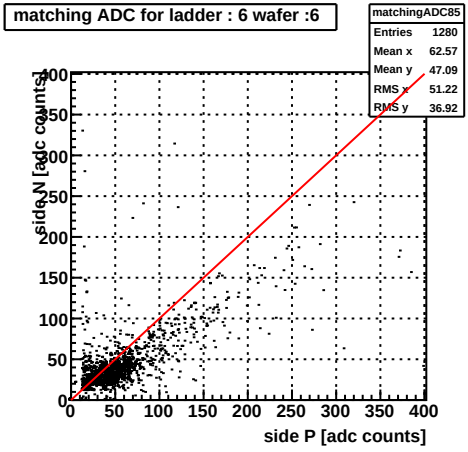

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1795
Mean x 63.29
Mean y 48.01
RMS x 48.76
RMS y 37.27
side N [adc counts]
side P [adc counts]

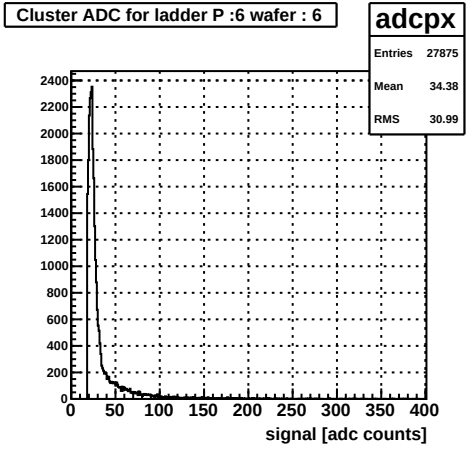

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 16380
Mean 71.49
RMS 59.42
signal [adc counts]

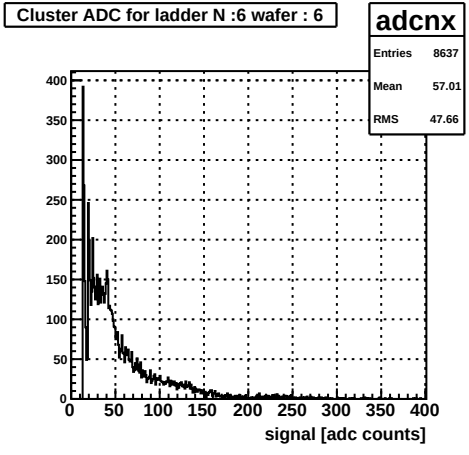

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2953
Mean 43.49
RMS 41.2
signal [adc counts]

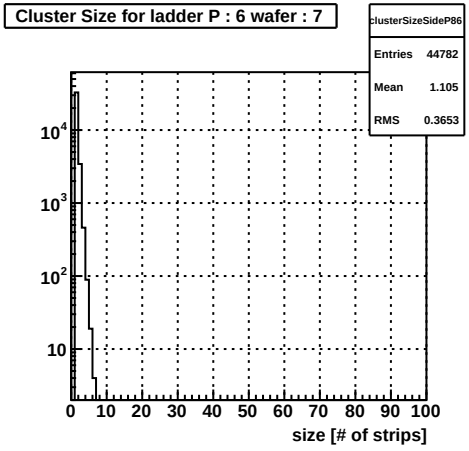

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 27875
Mean 1.081
RMS 0.3202
size [# of strips]

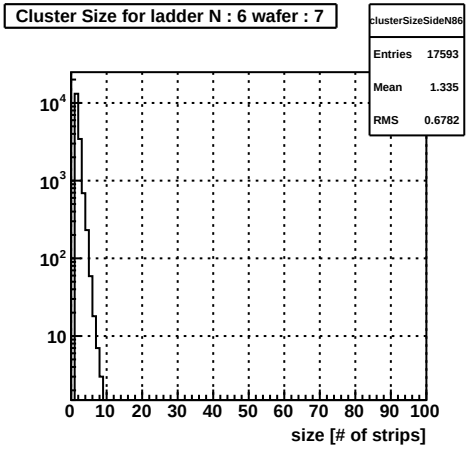

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 8637
Mean 1.736
RMS 1.105
size [# of strips]

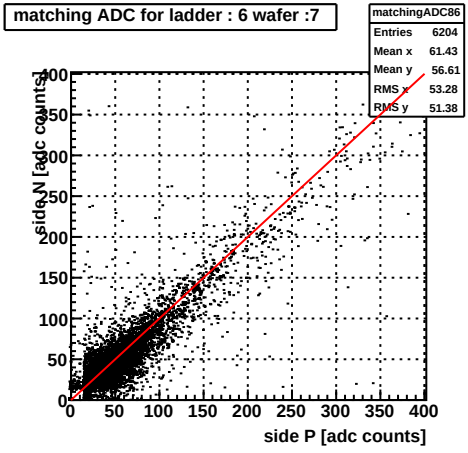

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1280
Mean x 62.57
Mean y 47.09
RMS x 51.22
RMS y 36.92
side N [adc counts]
side P [adc counts]

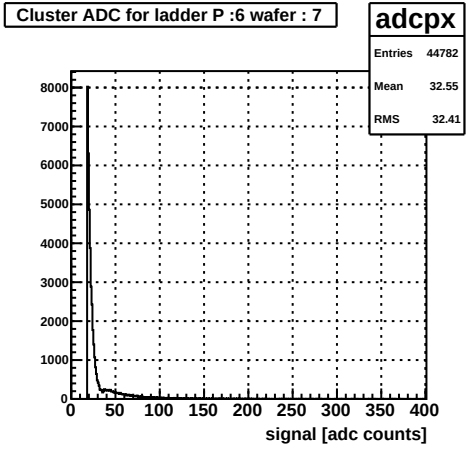

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 27875
Mean 34.38
RMS 30.99
signal [adc counts]

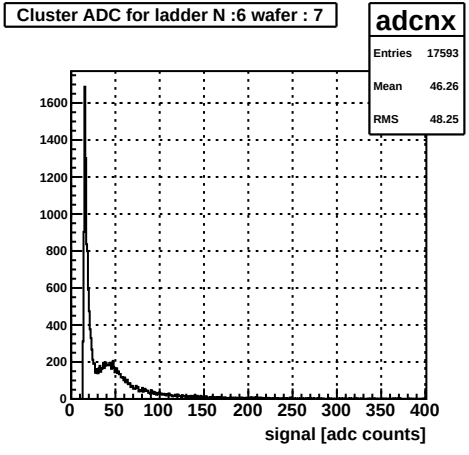

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 8637
Mean 57.01
RMS 47.66
signal [adc counts]

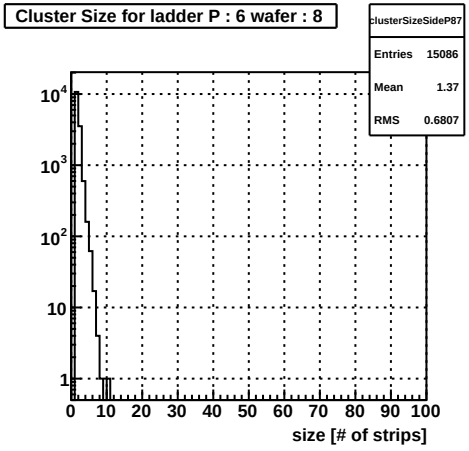

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 44782
Mean 1.105
RMS 0.3653
size [# of strips]

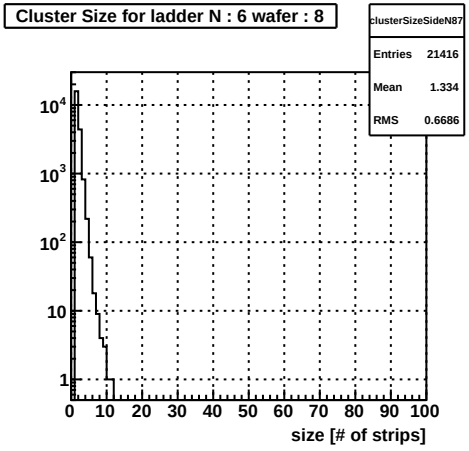

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 17593
Mean 1.335
RMS 0.6782
size [# of strips]

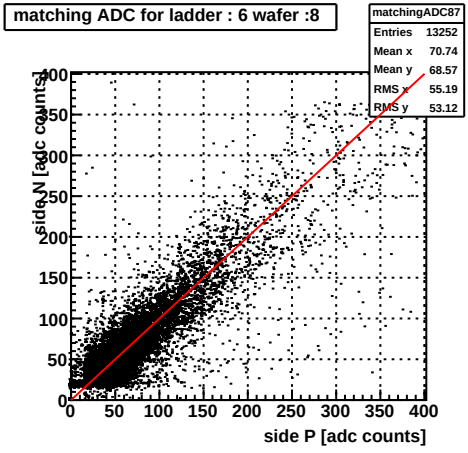

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 6204
Mean x 61.43
Mean y 56.61
RMS x 53.28
RMS y 51.38
side N [adc counts]
side P [adc counts]

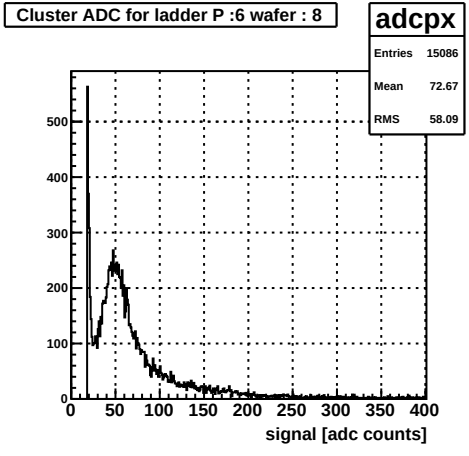

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 44782
Mean 32.55
RMS 32.41
signal [adc counts]

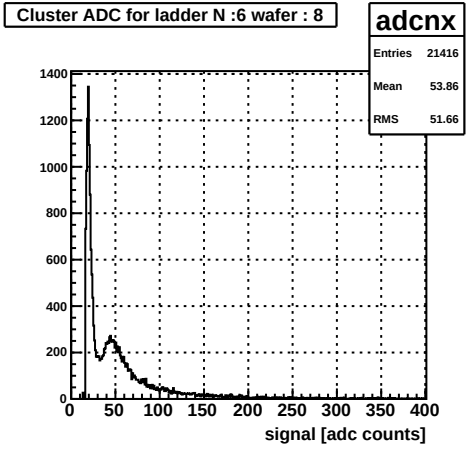

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 17593
Mean 46.26
RMS 48.25
signal [adc counts]

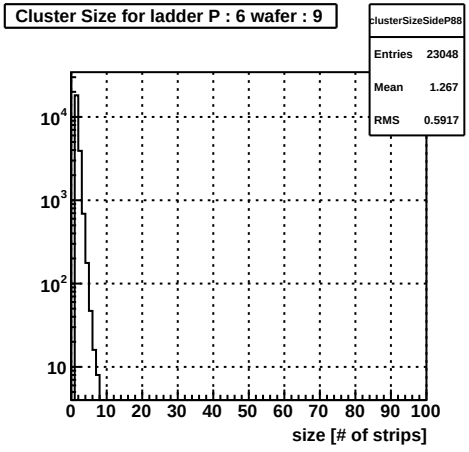

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 15086
Mean 1.37
RMS 0.6807
size [# of strips]

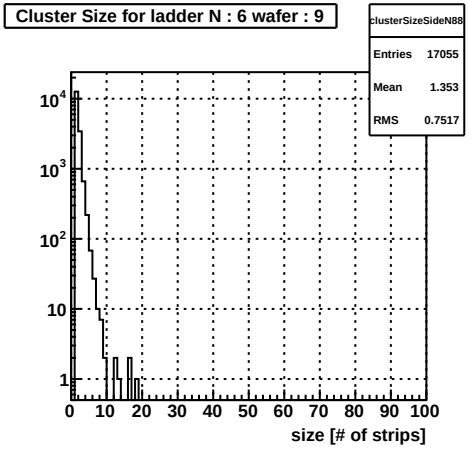

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 21416
Mean 1.334
RMS 0.6686
size [# of strips]

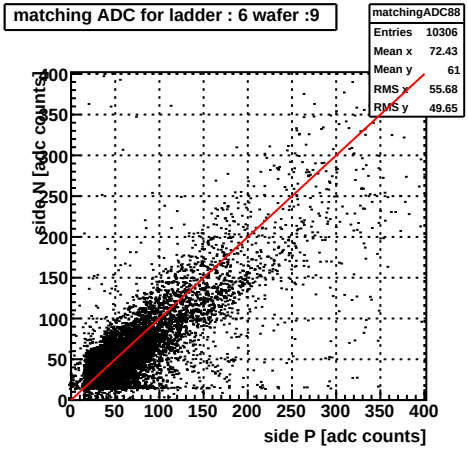

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 13252
Mean x 70.74
Mean y 68.57
RMS x 55.19
RMS y 53.12
side N [adc counts]
side P [adc counts]

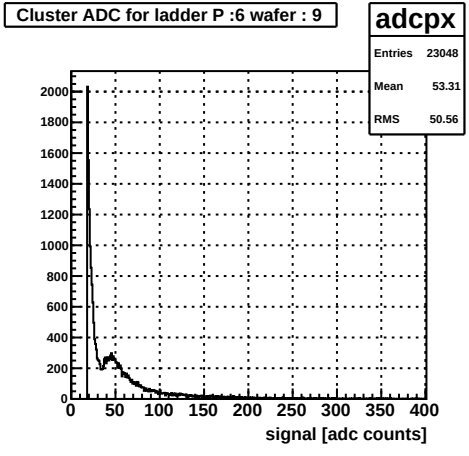

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 15086
Mean 72.67
RMS 58.09
signal [adc counts]

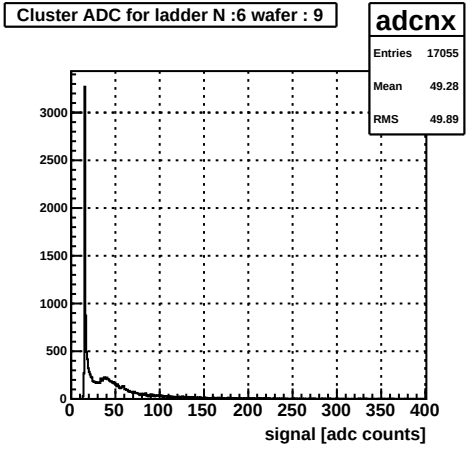

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 21416
Mean 53.86
RMS 51.66
signal [adc counts]

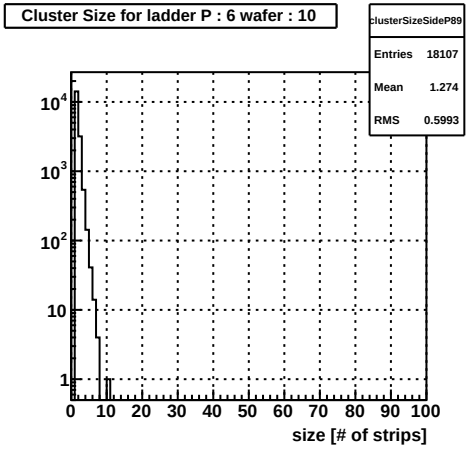

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 23048
Mean 1.267
RMS 0.5917
size [# of strips]

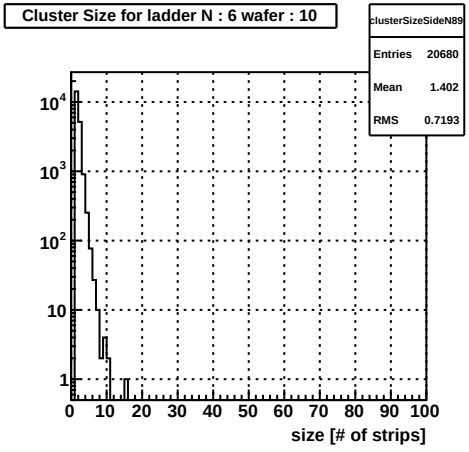

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17055
Mean 1.353
RMS 0.7517
size [# of strips]

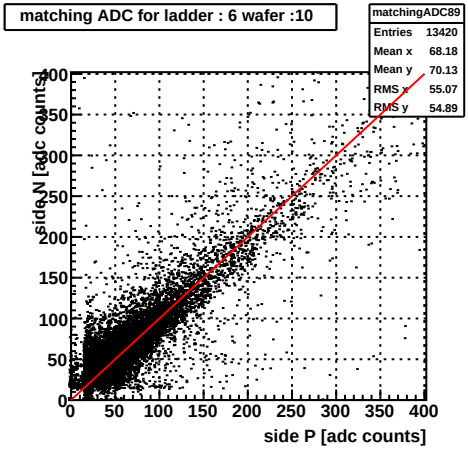

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 10306
Mean x 72.43
Mean y 61
RMS x 55.68
RMS y 49.65
side N [adc counts]
side P [adc counts]

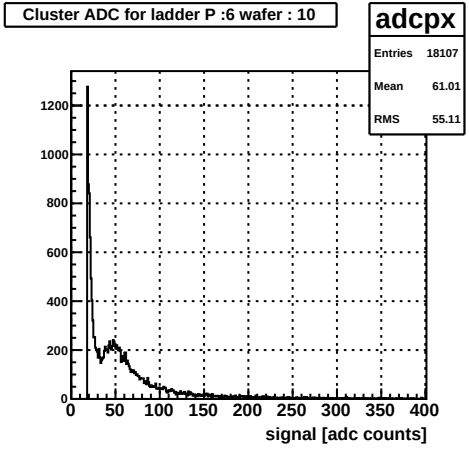

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 23048
Mean 53.31
RMS 50.56
signal [adc counts]

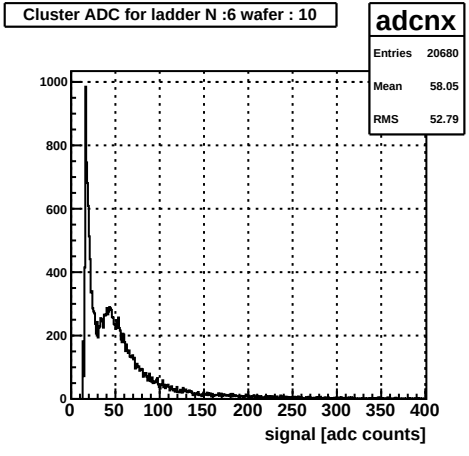

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17055
Mean 49.28
RMS 49.89
signal [adc counts]

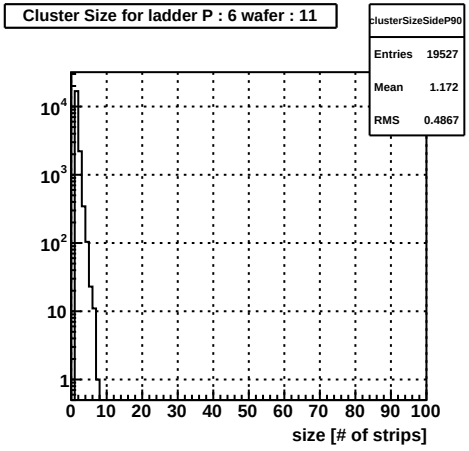

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 18107
Mean 1.274
RMS 0.5993
size [# of strips]

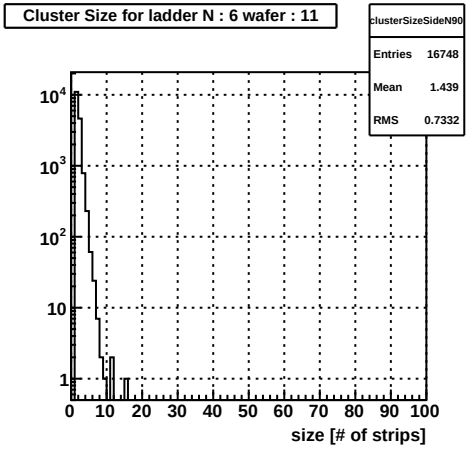

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 20680
Mean 1.402
RMS 0.7193
size [# of strips]

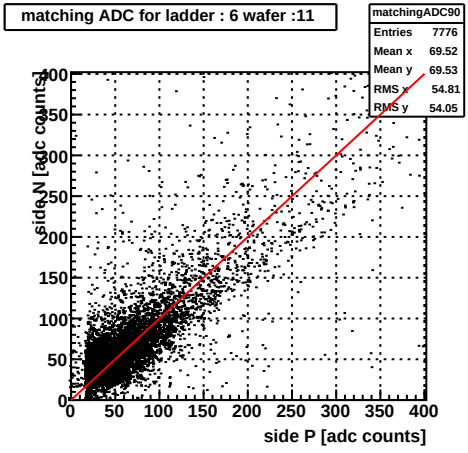

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 13420
Mean x 68.18
Mean y 70.13
RMS x 55.07
RMS y 54.89
side N [adc counts]
side P [adc counts]

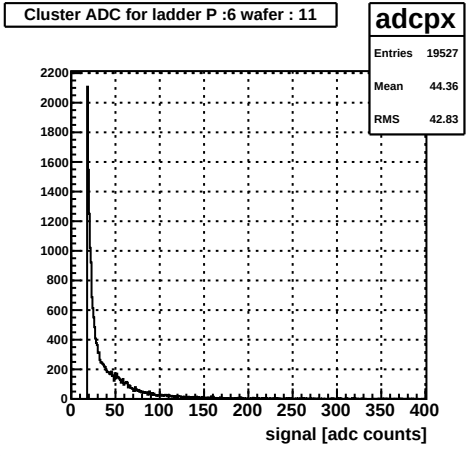

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 18107
Mean 61.01
RMS 55.11
signal [adc counts]

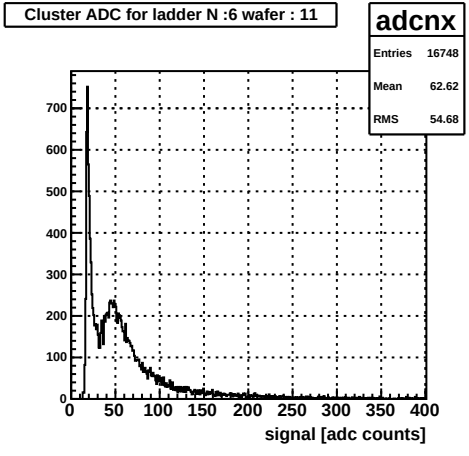

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 20680
Mean 58.05
RMS 52.79
signal [adc counts]

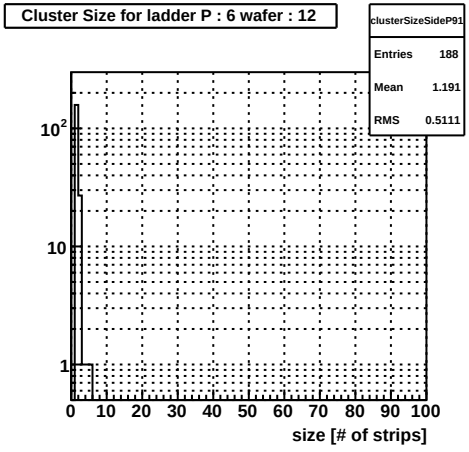

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 19527
Mean 1.172
RMS 0.4867
size [# of strips]

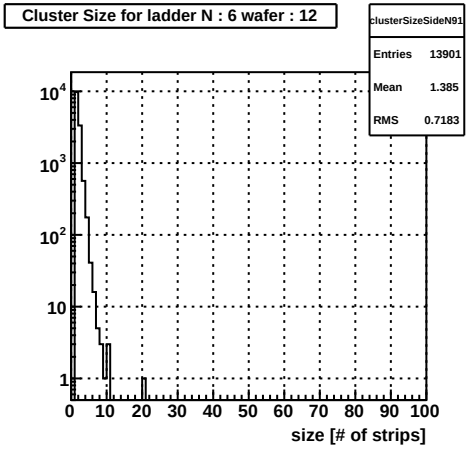

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 16748
Mean 1.439
RMS 0.7332
size [# of strips]

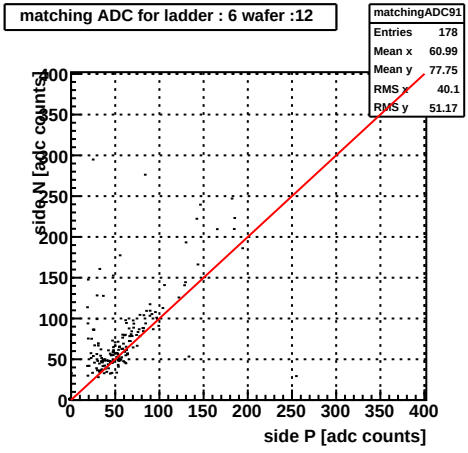

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 7776
Mean x 69.52
Mean y 69.53
RMS x 54.81
RMS y 54.05
side N [adc counts]
side P [adc counts]

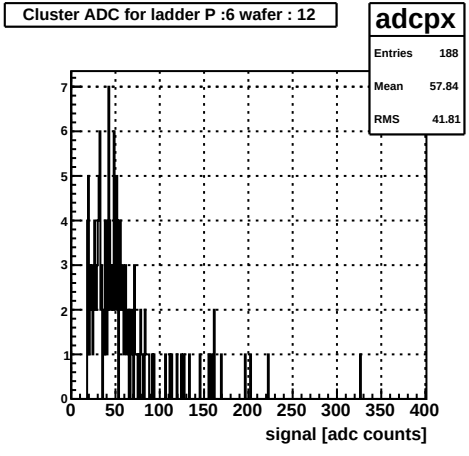

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 19527
Mean 44.36
RMS 42.83
signal [adc counts]

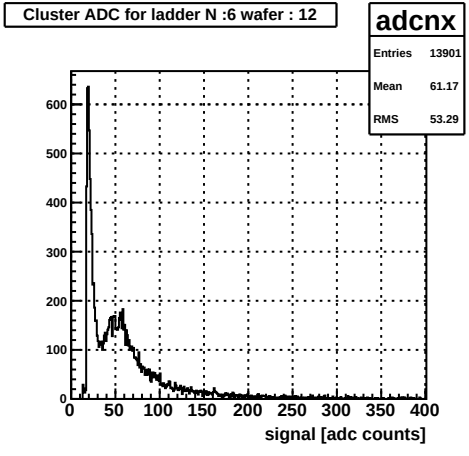

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 16748
Mean 62.62
RMS 54.68
signal [adc counts]

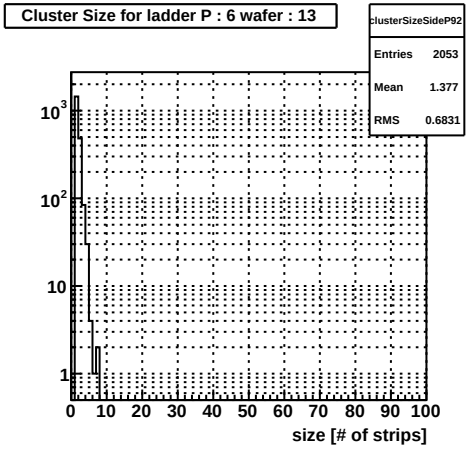

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 188
Mean 1.191
RMS 0.5111
size [# of strips]

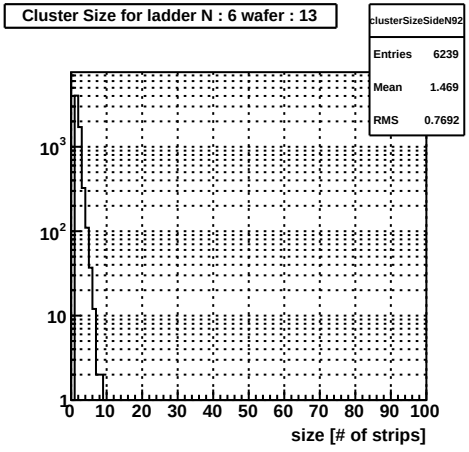

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 13901
Mean 1.385
RMS 0.7183
size [# of strips]

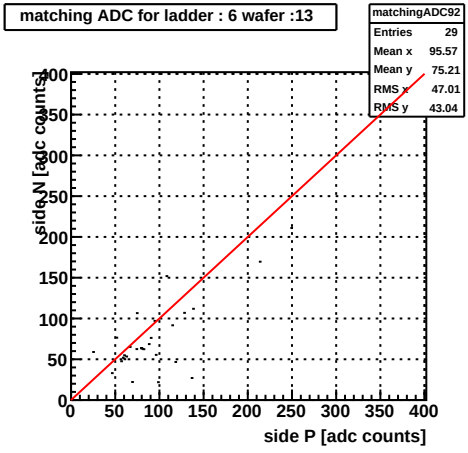

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 178
Mean x 60.99
Mean y 77.75
RMS x 40.1
RMS y 51.17
side N [adc counts]
side P [adc counts]

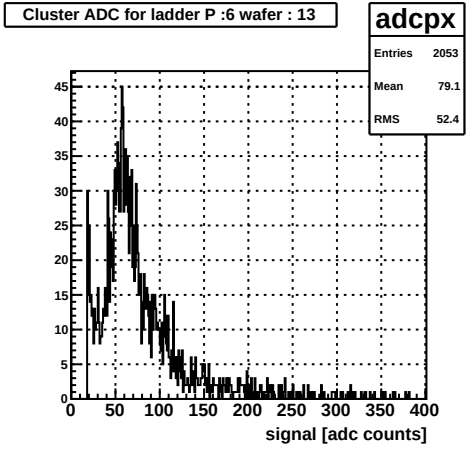

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 188
Mean 57.84
RMS 41.81
signal [adc counts]

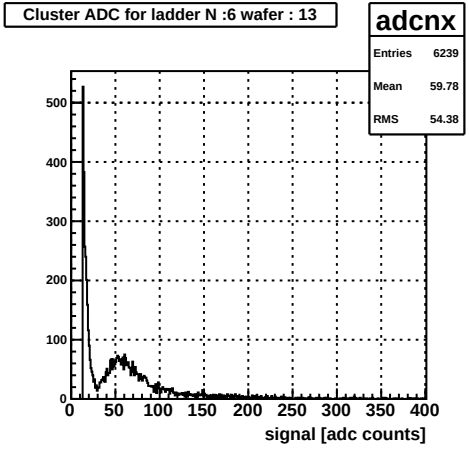

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 13901
Mean 61.17
RMS 53.29
signal [adc counts]

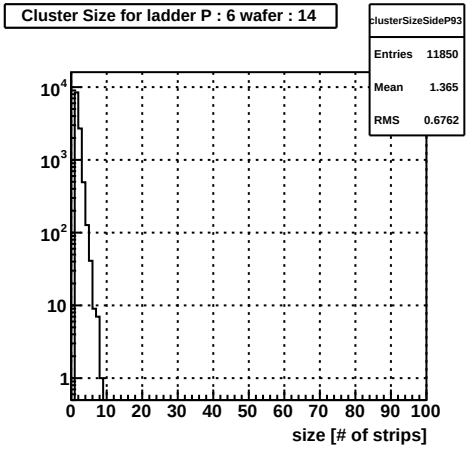

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2053
Mean 1.377
RMS 0.6831
size [# of strips]

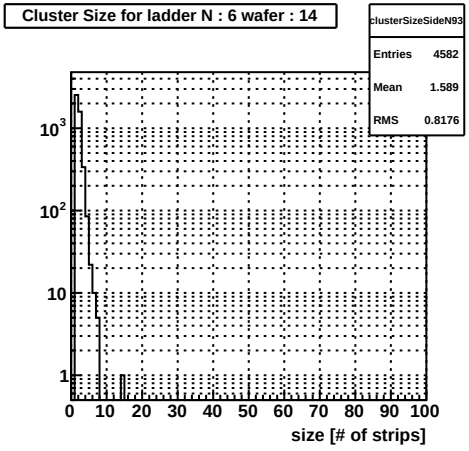

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6239
Mean 1.469
RMS 0.7692
size [# of strips]

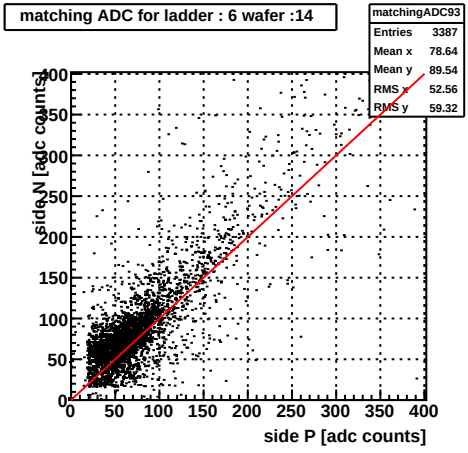

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 29
Mean x 95.57
Mean y 75.21
RMS x 47.01
RMS y 43.04
side N [adc counts]
side P [adc counts]

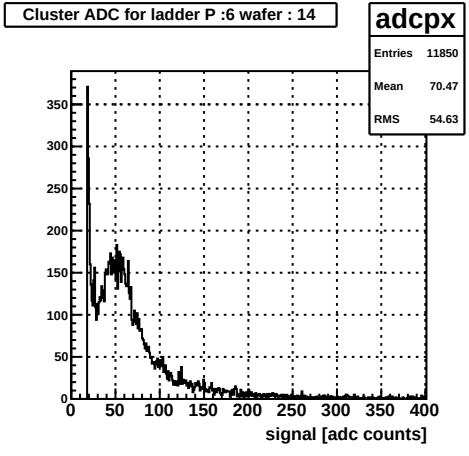

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2053
Mean 79.1
RMS 52.4
signal [adc counts]

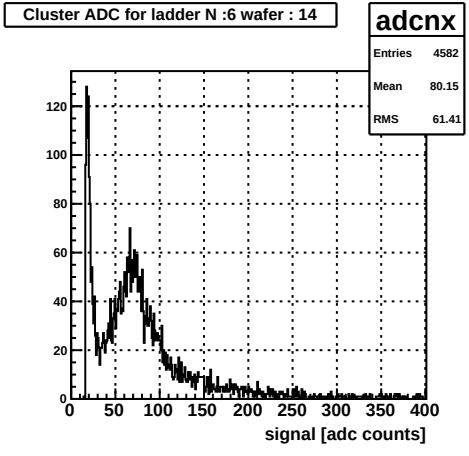

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6239
Mean 59.78
RMS 54.38
signal [adc counts]

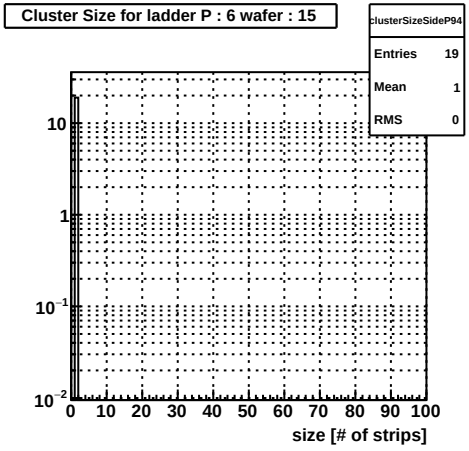

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 11850
Mean 1.365
RMS 0.6762
size [# of strips]

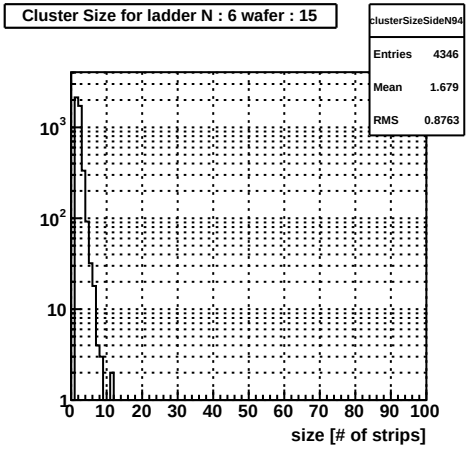

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4582
Mean 1.589
RMS 0.8176
size [# of strips]

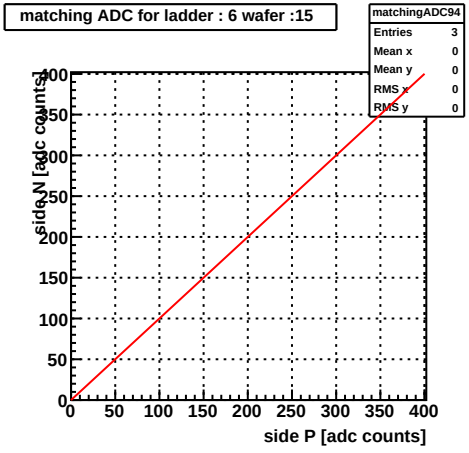

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3387
Mean x 78.64
Mean y 89.54
RMS x 52.56
RMS y 59.32
side N [adc counts]
side P [adc counts]

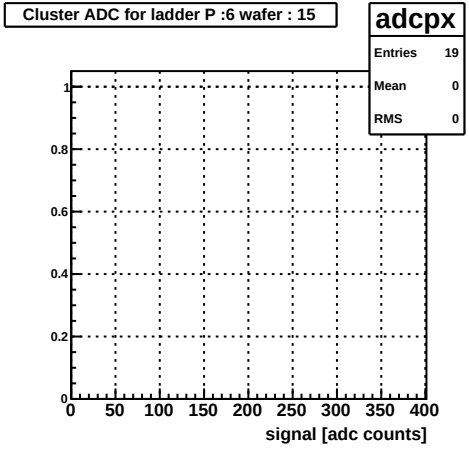

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 11850
Mean 70.47
RMS 54.63
signal [adc counts]

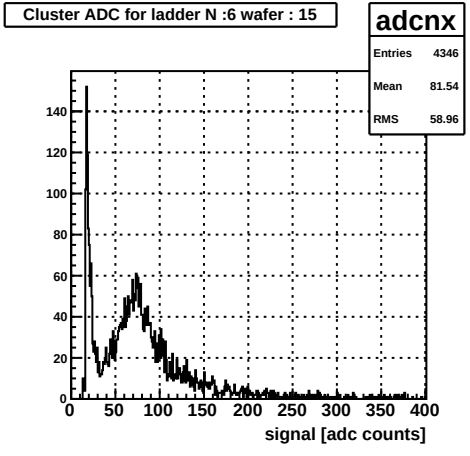

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4582
Mean 80.15
RMS 61.41
signal [adc counts]

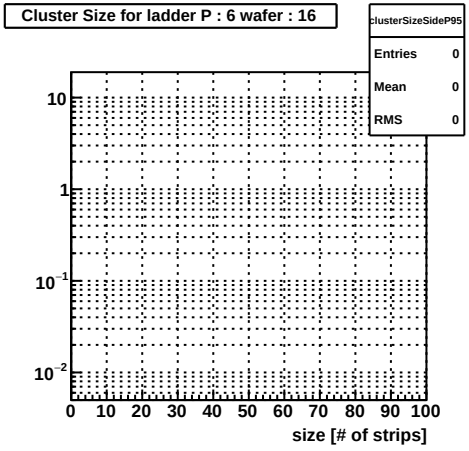

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 19
Mean 1
RMS 0
size [# of strips]

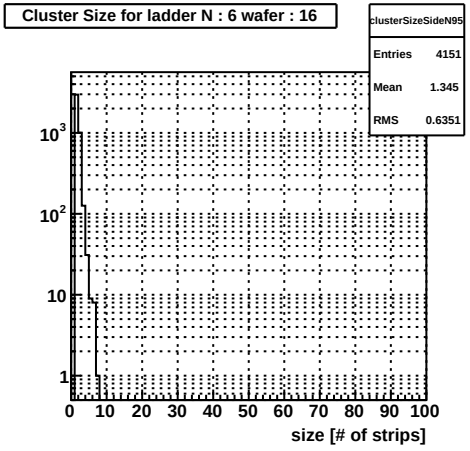

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4346
Mean 1.679
RMS 0.8763
size [# of strips]

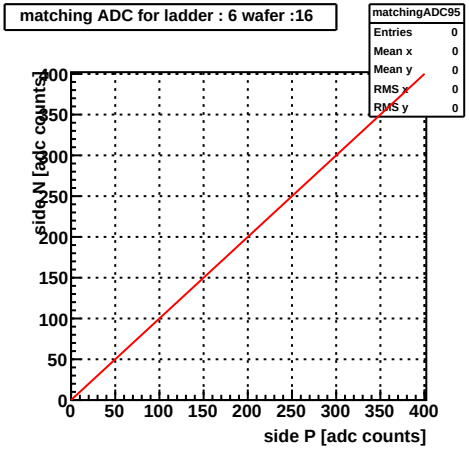

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

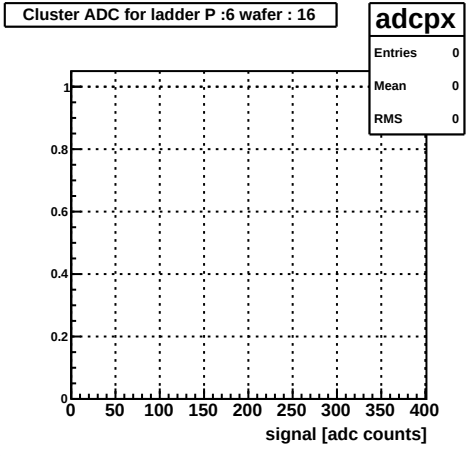

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

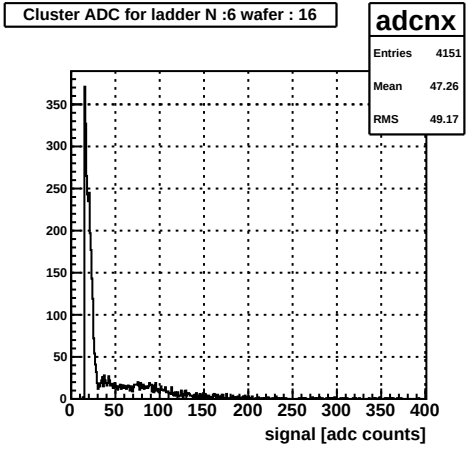

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4346
Mean 81.54
RMS 58.96
signal [adc counts]

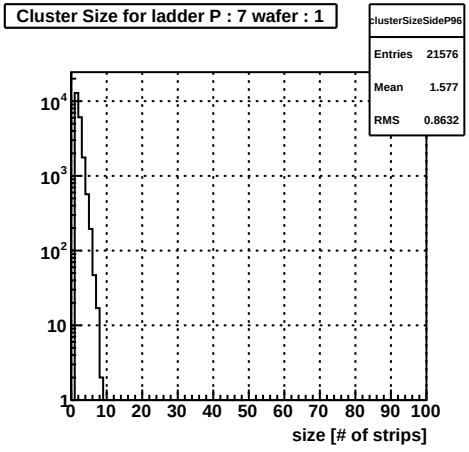

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

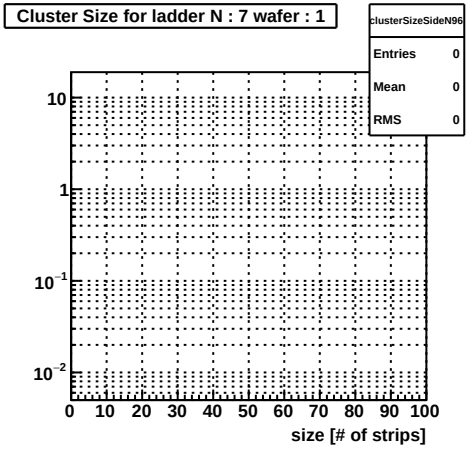

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4151
Mean 1.345
RMS 0.6351
size [# of strips]

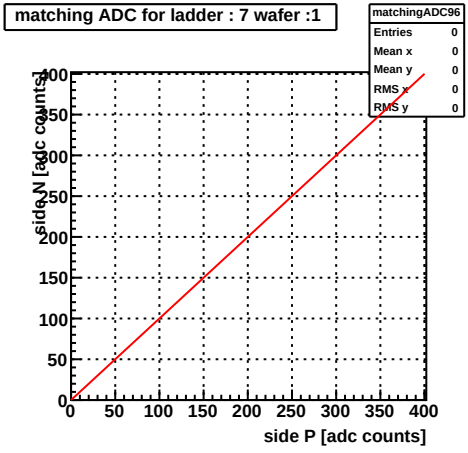

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

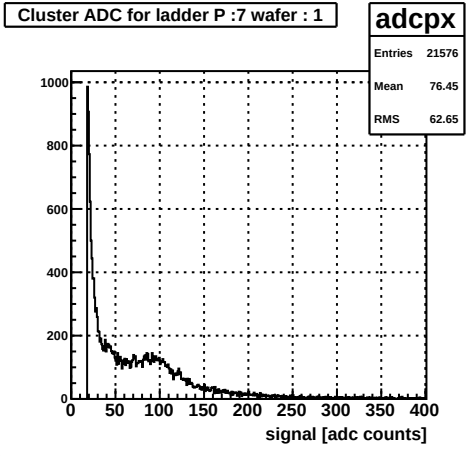

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

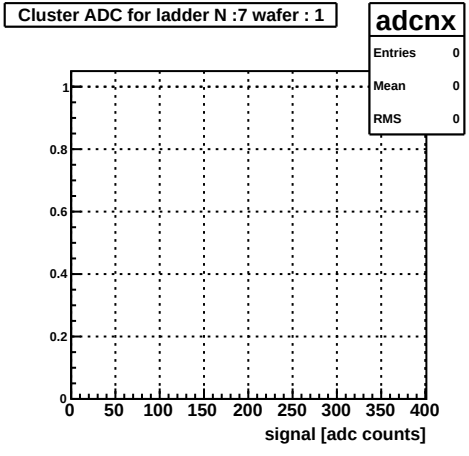

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4151
Mean 47.26
RMS 49.17
signal [adc counts]

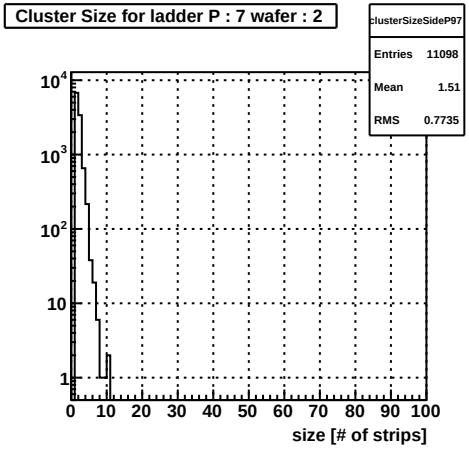

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 21576
Mean 1.577
RMS 0.8632
size [# of strips]

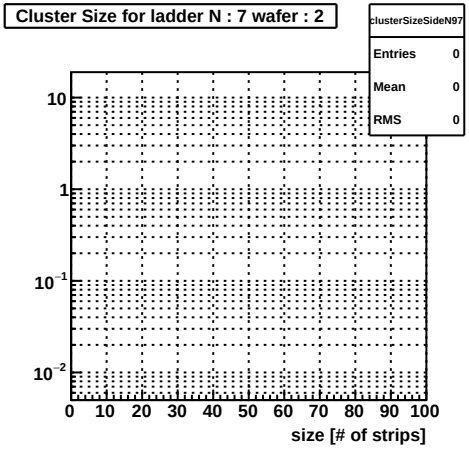

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

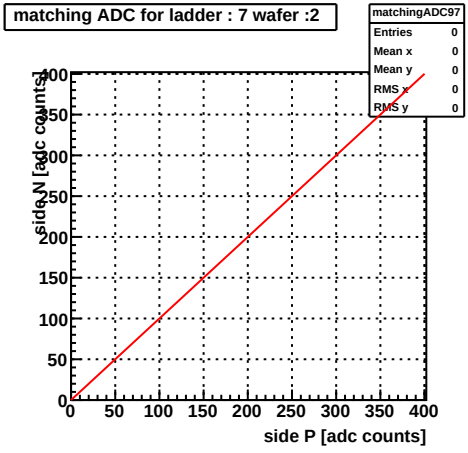

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

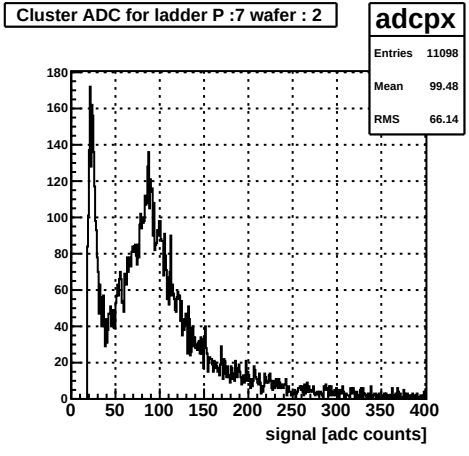

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 21576
Mean 76.45
RMS 62.65
signal [adc counts]

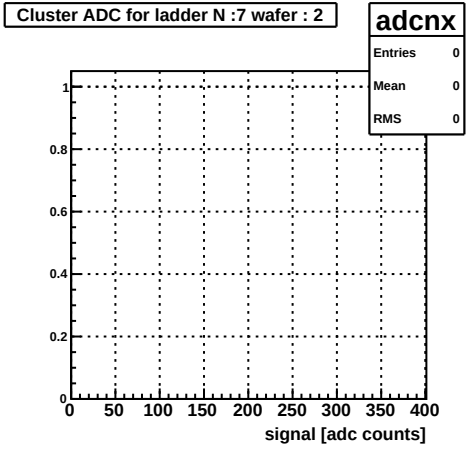

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

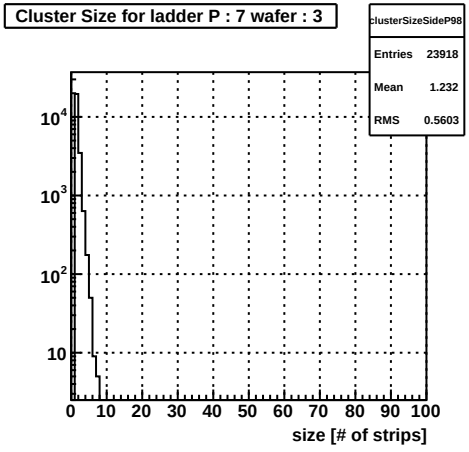

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 11098
Mean 1.51
RMS 0.7735
size [# of strips]

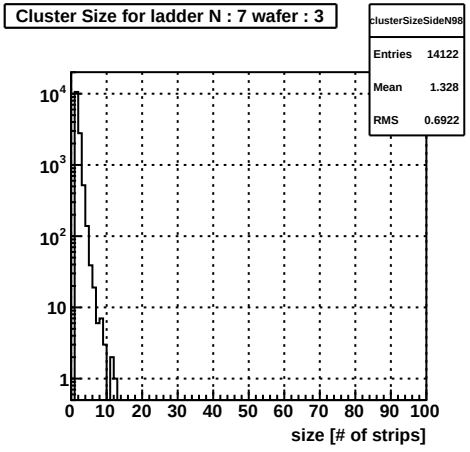

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

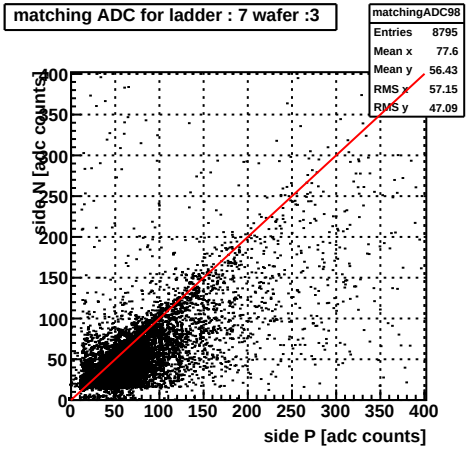

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

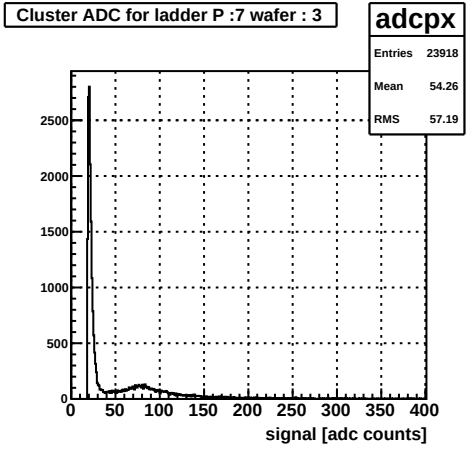

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 11098
Mean 99.48
RMS 66.14
signal [adc counts]

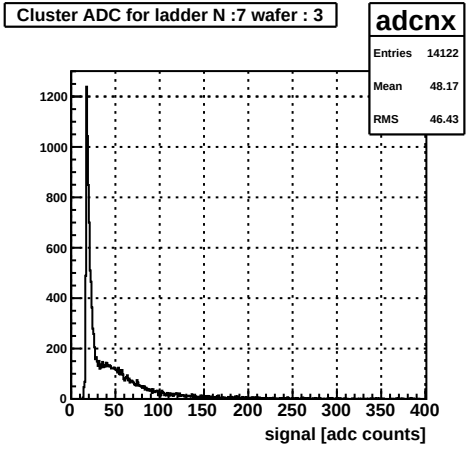

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

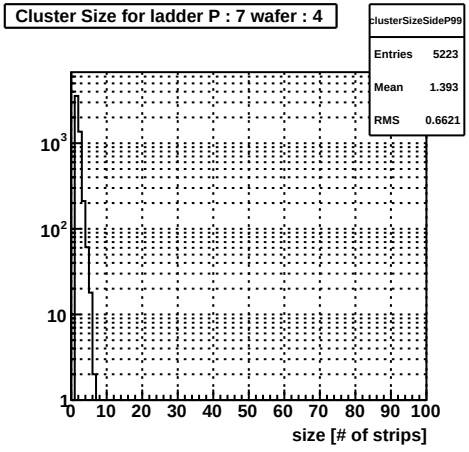

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 23918
Mean 1.232
RMS 0.5603
size [# of strips]

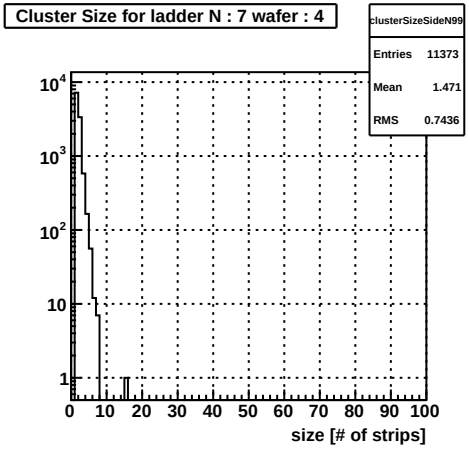

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 14122
Mean 1.328
RMS 0.6922
size [# of strips]

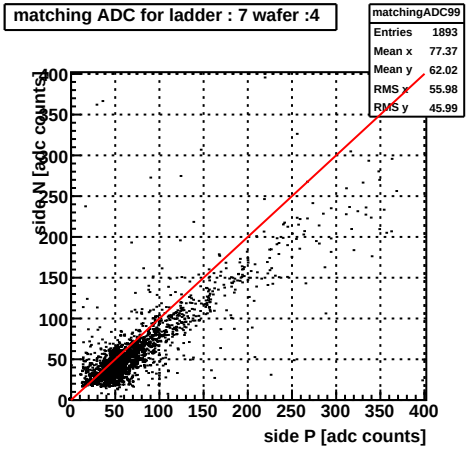

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 8795
Mean x 77.6
Mean y 56.43
RMS x 57.15
RMS y 47.09
side N [adc counts]
side P [adc counts]

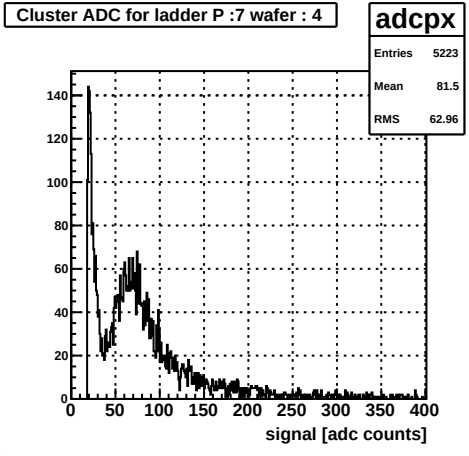

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 23918
Mean 54.26
RMS 57.19
signal [adc counts]

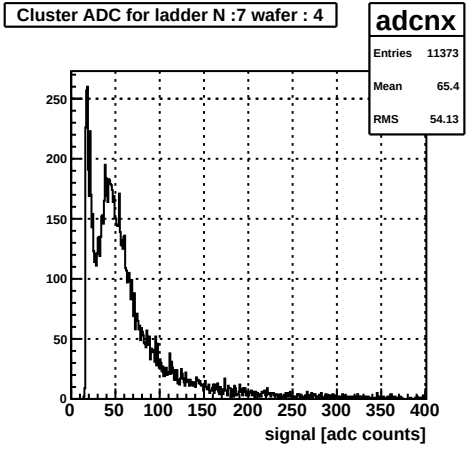

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 14122
Mean 48.17
RMS 46.43
signal [adc counts]

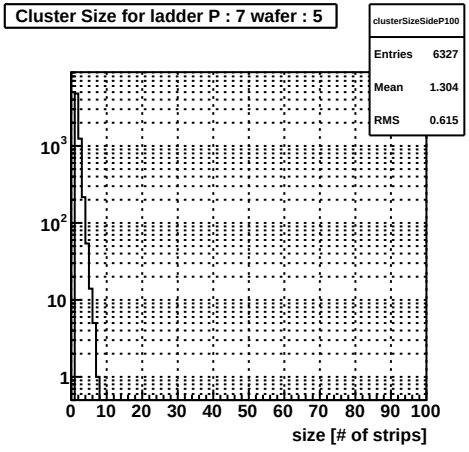

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5223
Mean 1.393
RMS 0.6621
size [# of strips]

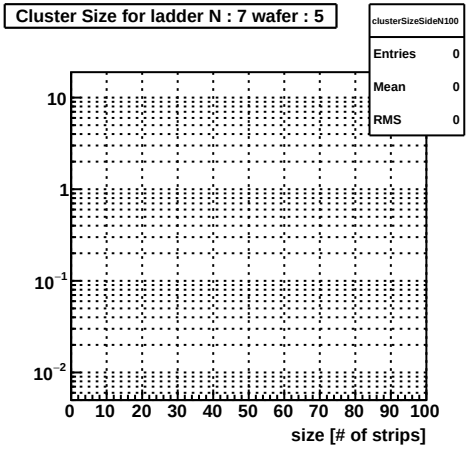

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 11373
Mean 1.471
RMS 0.7436
size [# of strips]

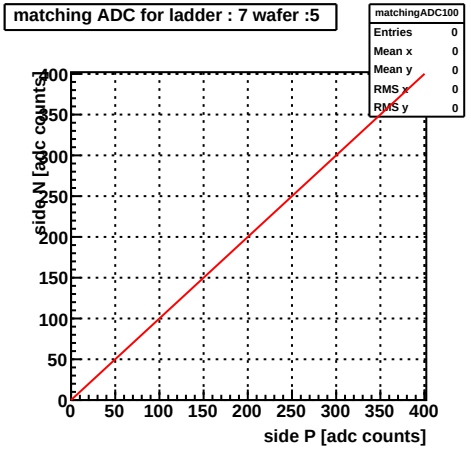

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1893
Mean x 77.37
Mean y 62.02
RMS x 55.98
RMS y 45.99
side N [adc counts]
side P [adc counts]

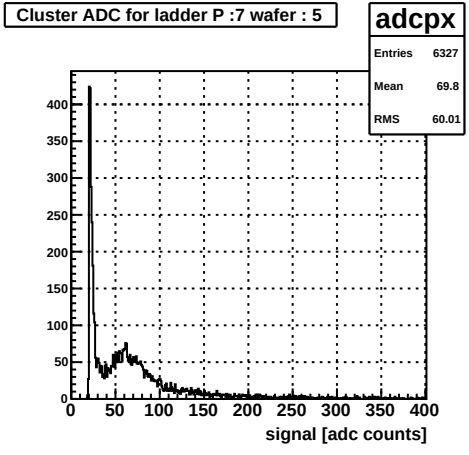

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5223
Mean 81.5
RMS 62.96
signal [adc counts]

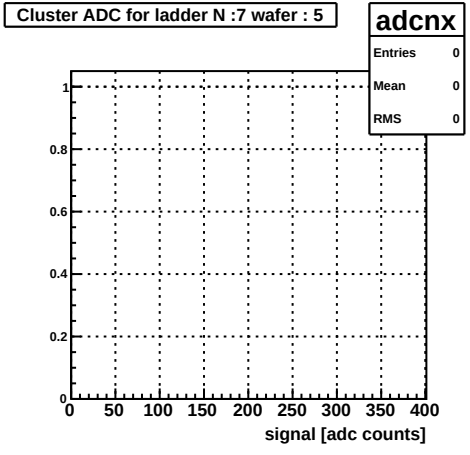

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 11373
Mean 65.4
RMS 54.13
signal [adc counts]

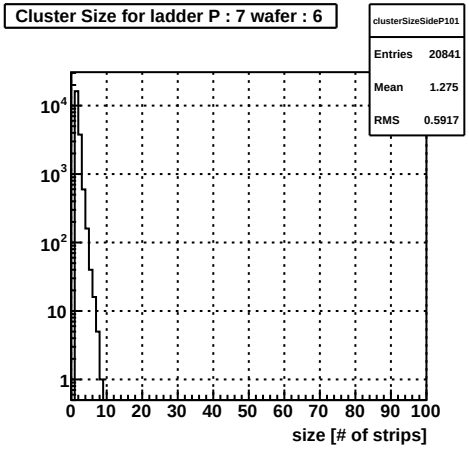

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6327
Mean 1.304
RMS 0.615
size [# of strips]

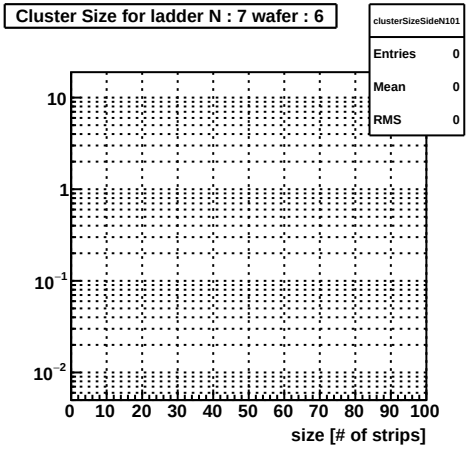

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

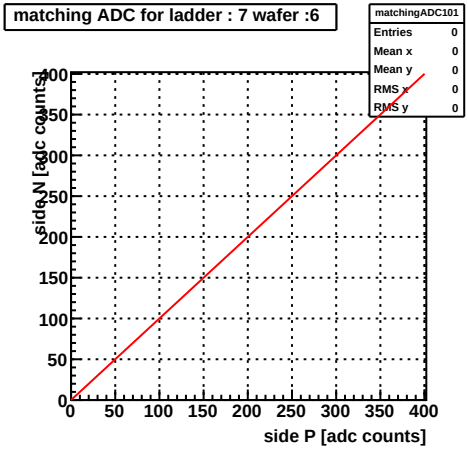

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

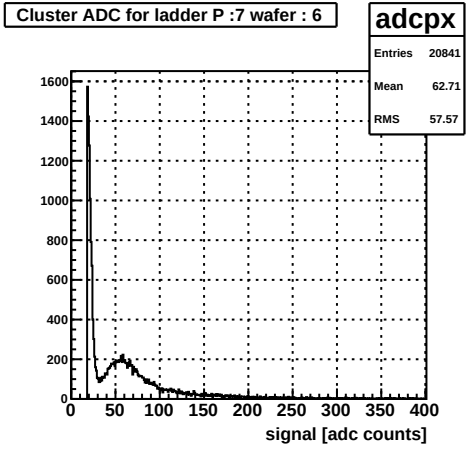

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6327
Mean 69.8
RMS 60.01
signal [adc counts]

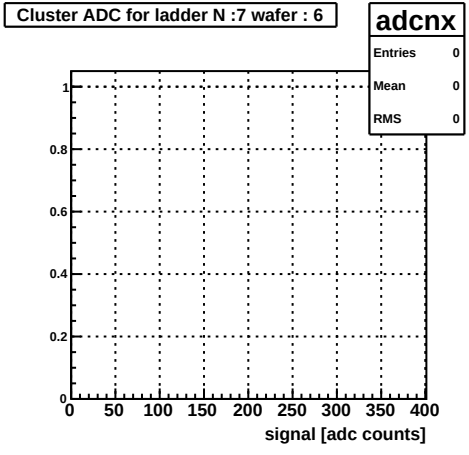

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

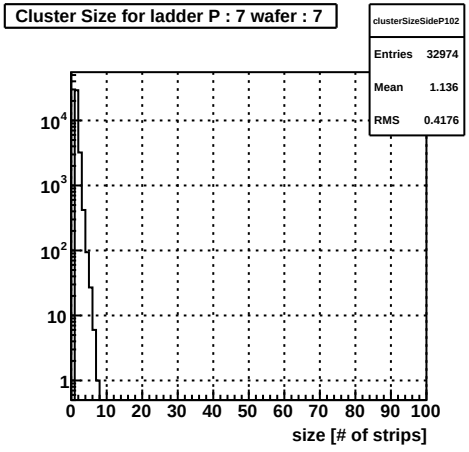

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 20841
Mean 1.275
RMS 0.5917
size [# of strips]

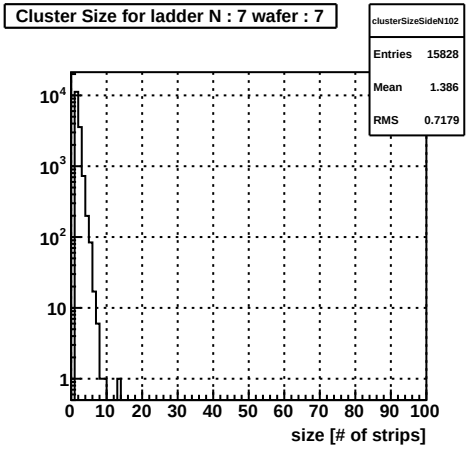

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

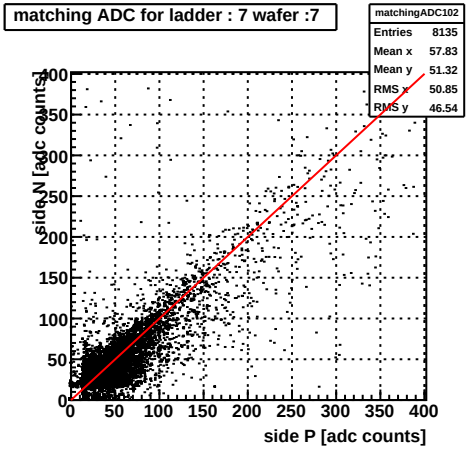

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

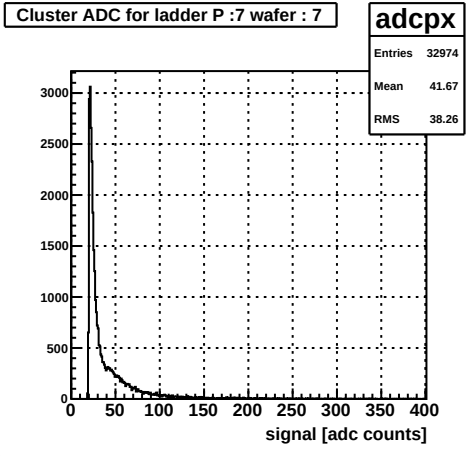

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 20841
Mean 62.71
RMS 57.57
signal [adc counts]

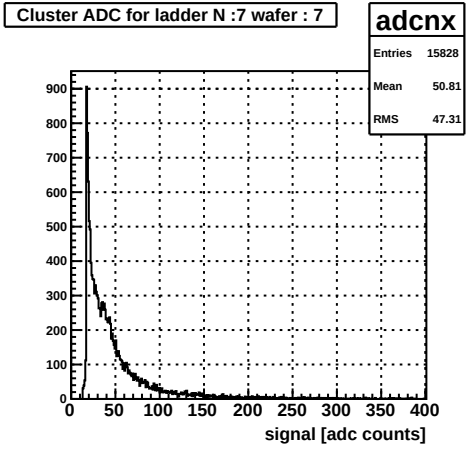

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

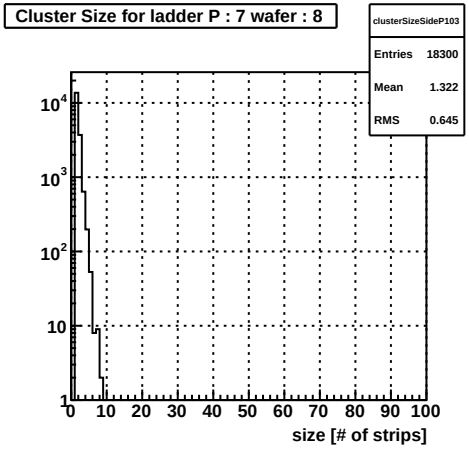

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 32974
Mean 1.136
RMS 0.4176
size [# of strips]

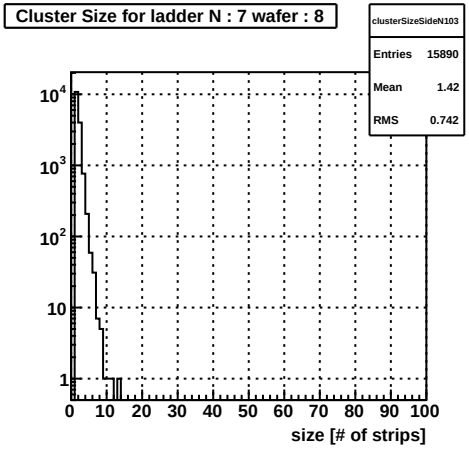

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 15828
Mean 1.386
RMS 0.7179
size [# of strips]

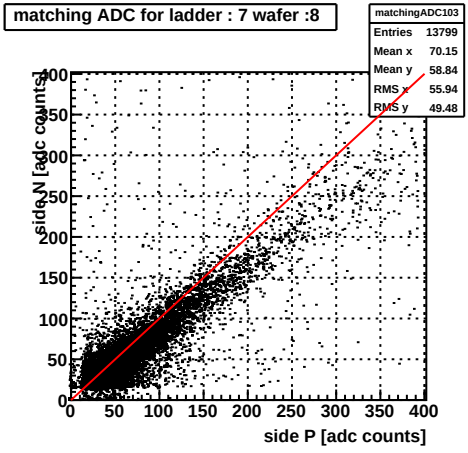

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8135
Mean x 57.83
Mean y 51.32
RMS x 50.85
RMS y 46.54
side N [adc counts]
side P [adc counts]

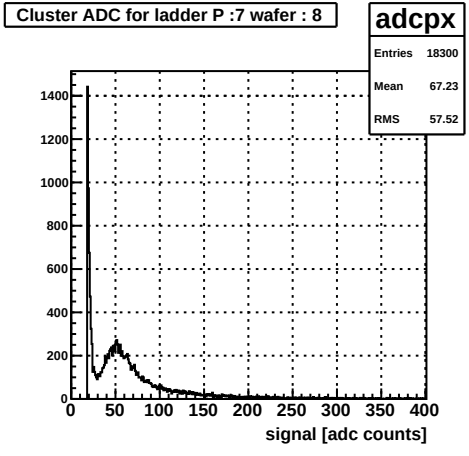

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 32974
Mean 41.67
RMS 38.26
signal [adc counts]

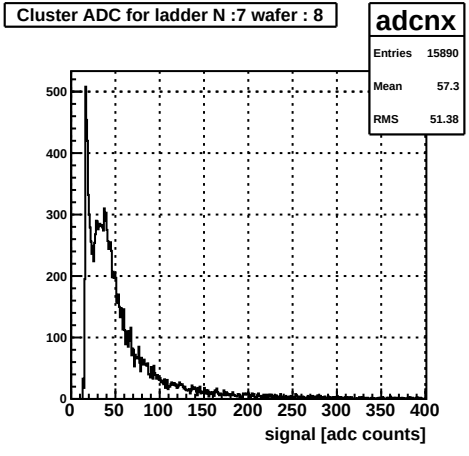

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 15828
Mean 50.81
RMS 47.31
signal [adc counts]

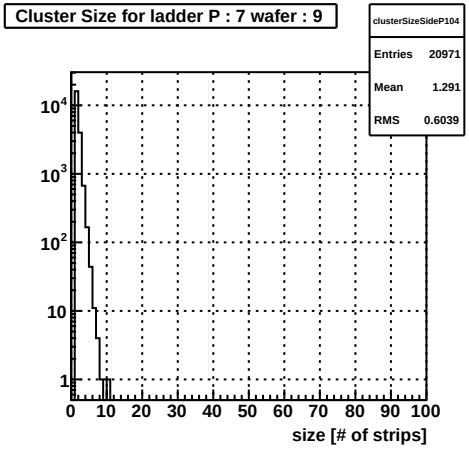

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 18300
Mean 1.322
RMS 0.645
size [# of strips]

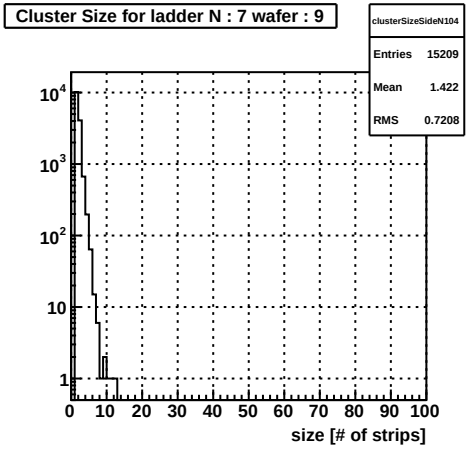

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 15890
Mean 1.42
RMS 0.742
size [# of strips]

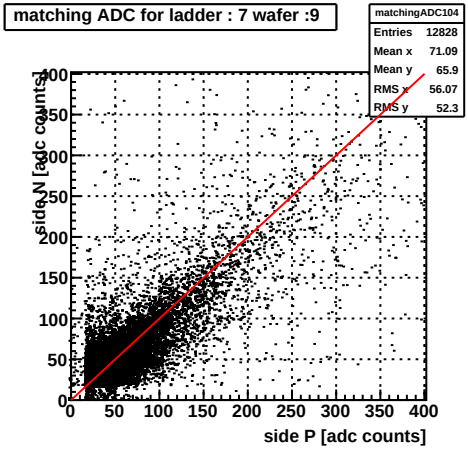

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 13799
Mean x 70.15
Mean y 58.84
RMS x 55.94
RMS y 49.48
side N [adc counts]
side P [adc counts]

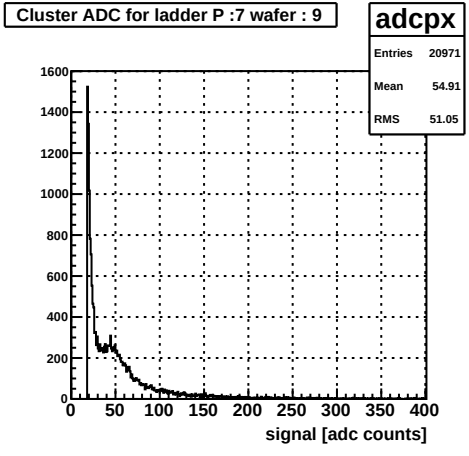

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 18300
Mean 67.23
RMS 57.52
signal [adc counts]

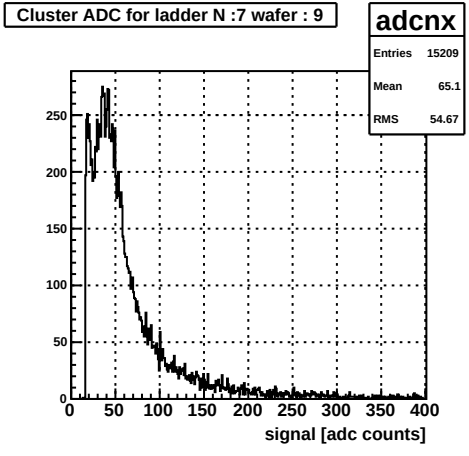

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 15890
Mean 57.3
RMS 51.38
signal [adc counts]

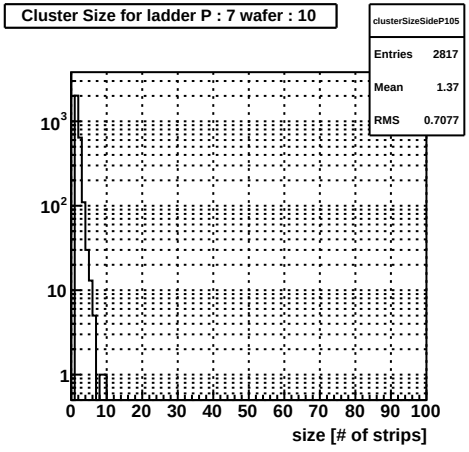

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 20971
Mean 1.291
RMS 0.6039
size [# of strips]

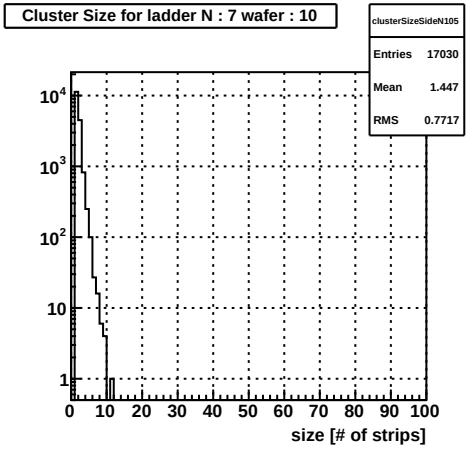

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 15209
Mean 1.422
RMS 0.7208
size [# of strips]

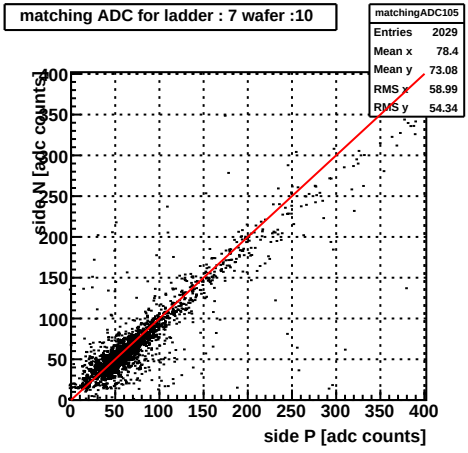

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12828
Mean x 71.09
Mean y 65.9
RMS x 56.07
RMS y 52.3
side N [adc counts]
side P [adc counts]

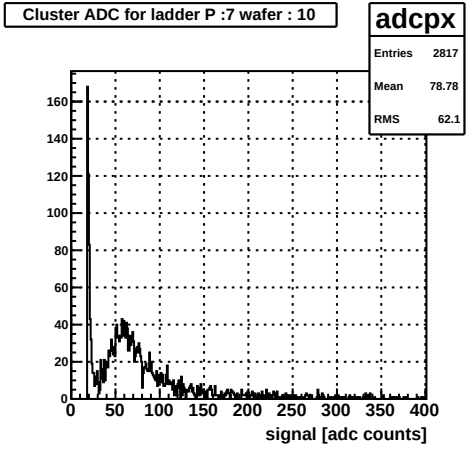

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 20971
Mean 54.91
RMS 51.05
signal [adc counts]

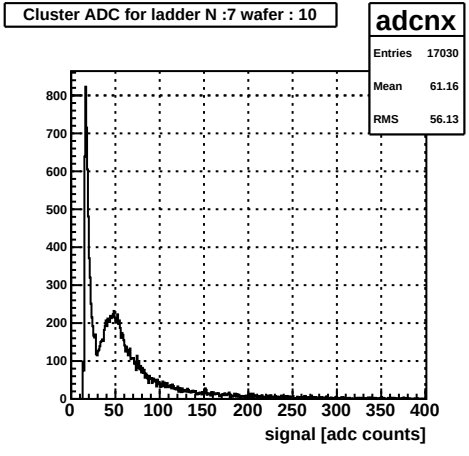

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 15209
Mean 65.1
RMS 54.67
signal [adc counts]

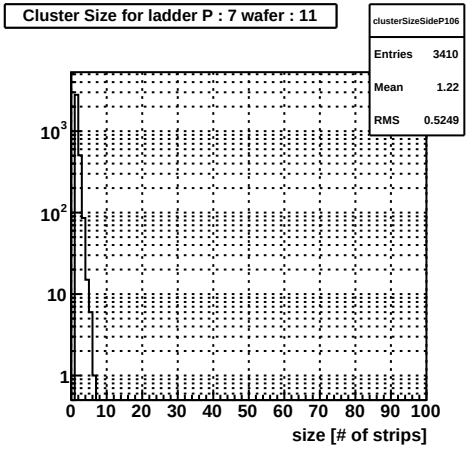

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2817
Mean 1.37
RMS 0.7077
size [# of strips]

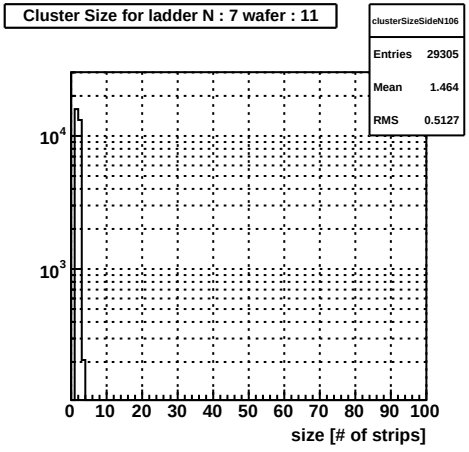

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 17030
Mean 1.447
RMS 0.7717
size [# of strips]

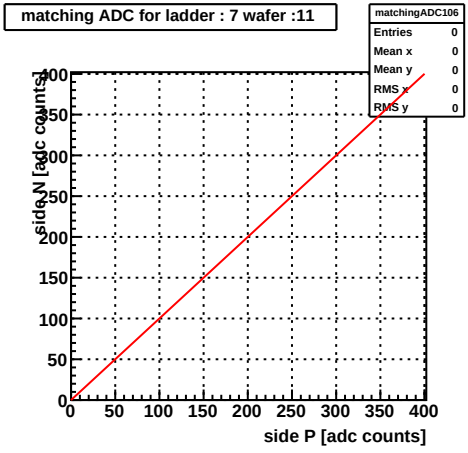

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2029
Mean x 78.4
Mean y 73.08
RMS x 58.99
RMS y 54.34
side N [adc counts]
side P [adc counts]

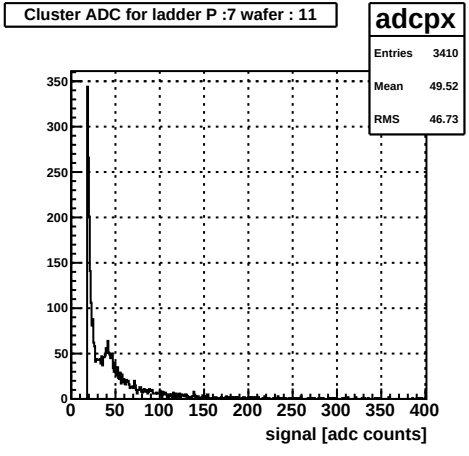

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2817
Mean 78.78
RMS 62.1
signal [adc counts]

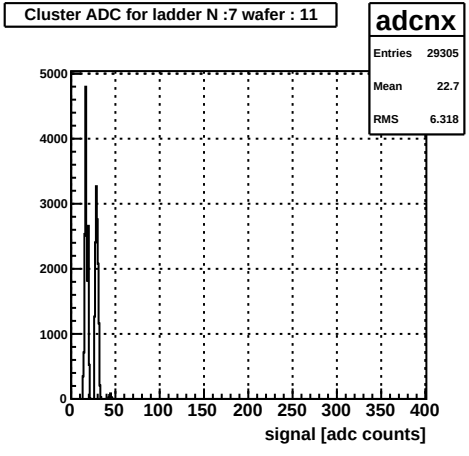

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 17030
Mean 61.16
RMS 56.13
signal [adc counts]

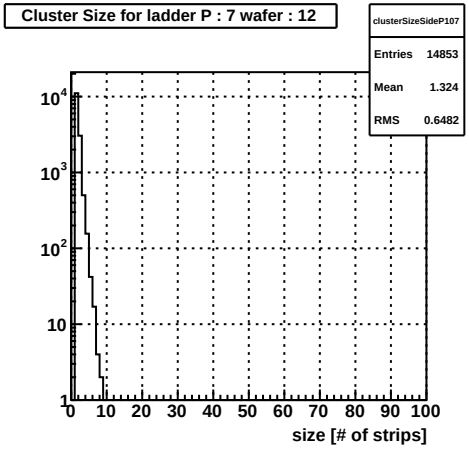

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3410
Mean 1.22
RMS 0.5249
size [# of strips]

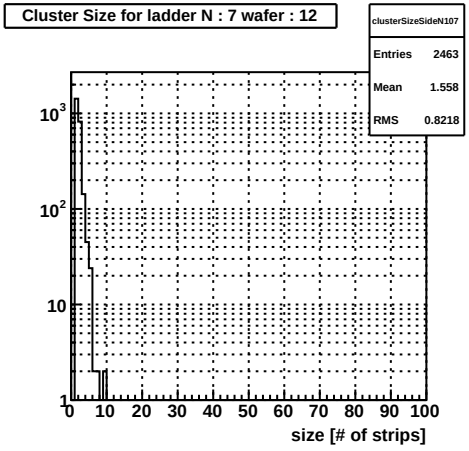

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 29305
Mean 1.464
RMS 0.5127
size [# of strips]

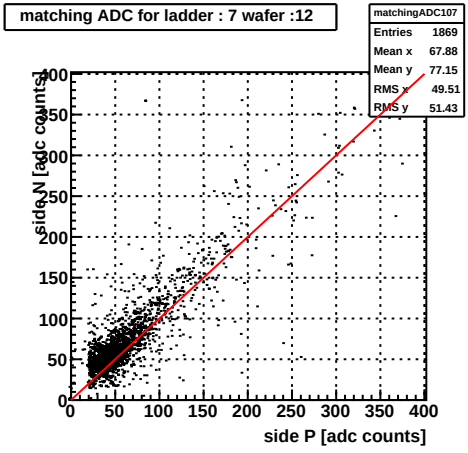

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

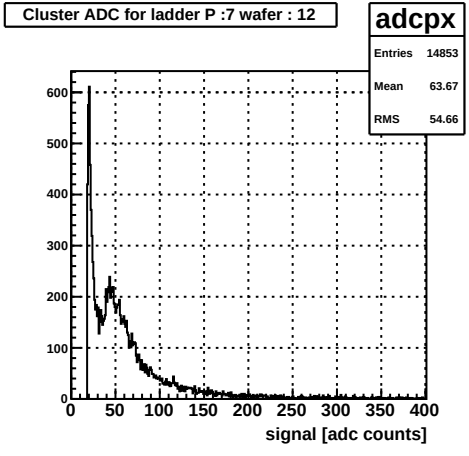

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3410
Mean 49.52
RMS 46.73
signal [adc counts]

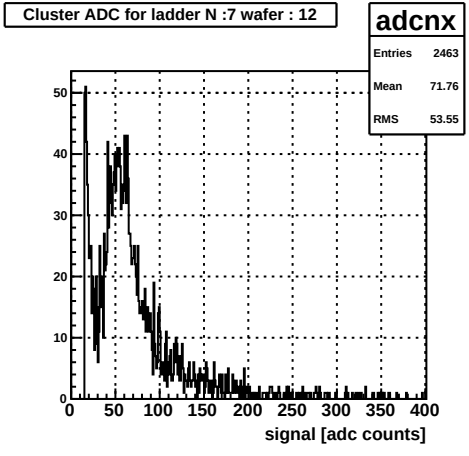

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 29305
Mean 22.7
RMS 6.318
signal [adc counts]

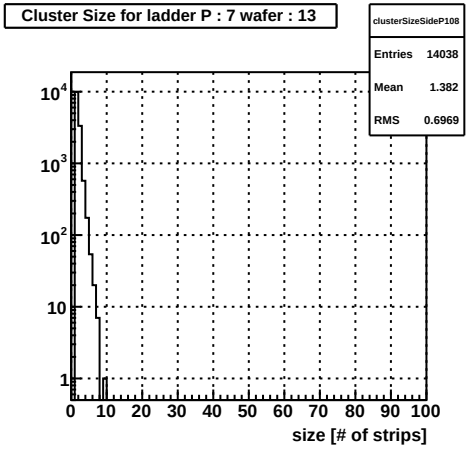

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 14853
Mean 1.324
RMS 0.6482
size [# of strips]

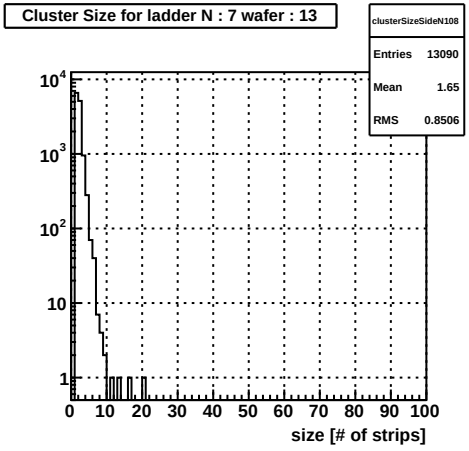

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2463
Mean 1.558
RMS 0.8218
size [# of strips]

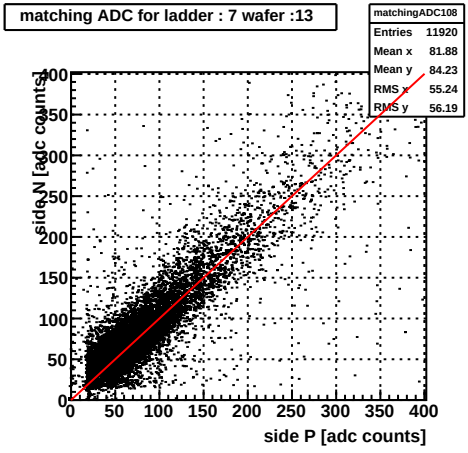

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1869
Mean x 67.88
Mean y 77.15
RMS x 49.51
RMS y 51.43
side N [adc counts]
side P [adc counts]

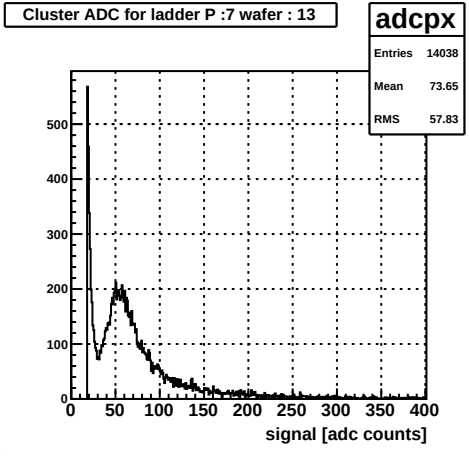

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 14853
Mean 63.67
RMS 54.66
signal [adc counts]

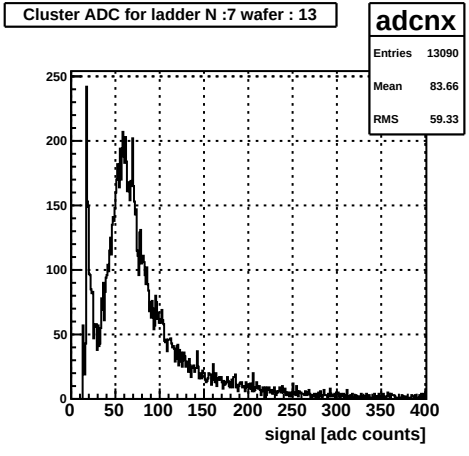

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2463
Mean 71.76
RMS 53.55
signal [adc counts]

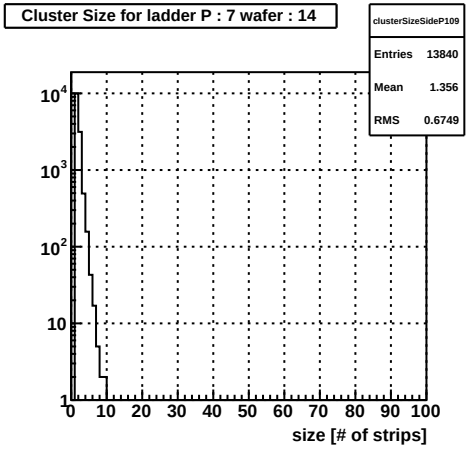

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 14038
Mean 1.382
RMS 0.6969
size [# of strips]

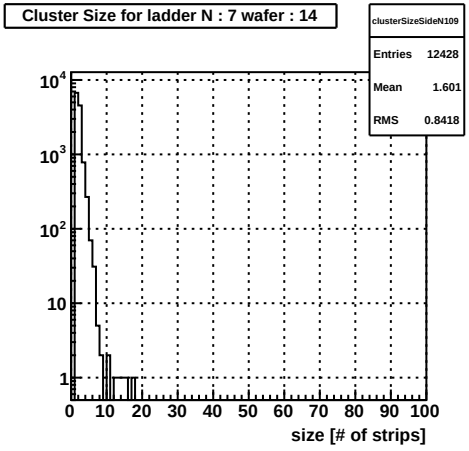

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 13090
Mean 1.65
RMS 0.8506
size [# of strips]

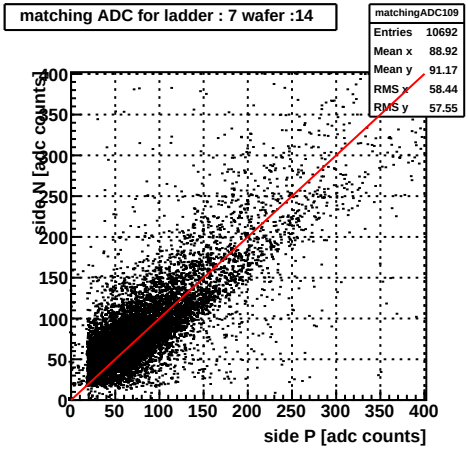

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 11920
Mean x 81.88
Mean y 84.23
RMS x 55.24
RMS y 56.19
side N [adc counts]
side P [adc counts]

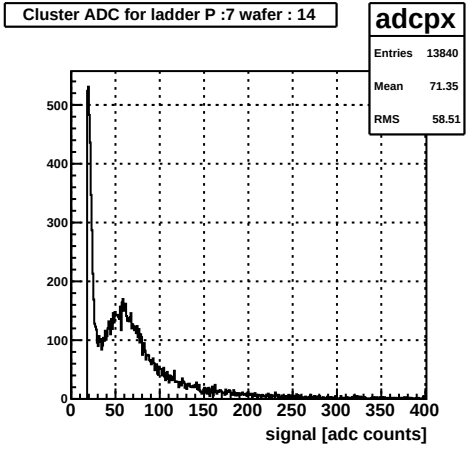

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 14038
Mean 73.65
RMS 57.83
signal [adc counts]

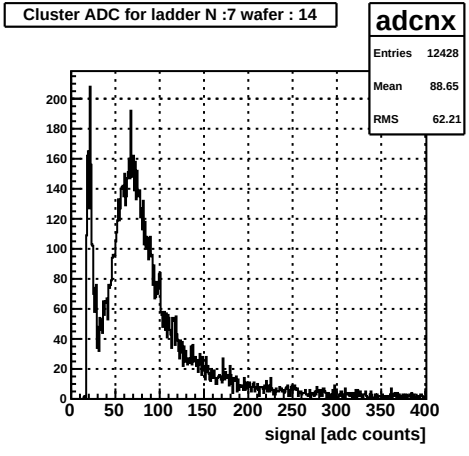

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 13090
Mean 83.66
RMS 59.33
signal [adc counts]

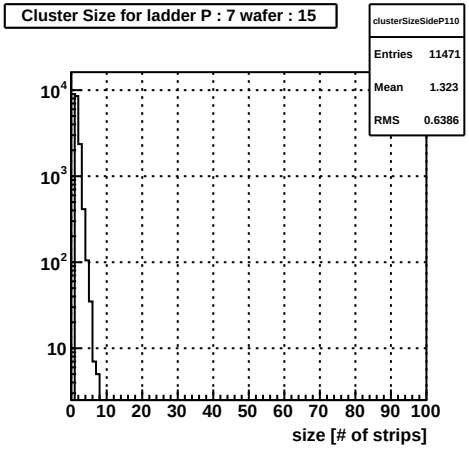

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13840
Mean 1.356
RMS 0.6749
size [# of strips]

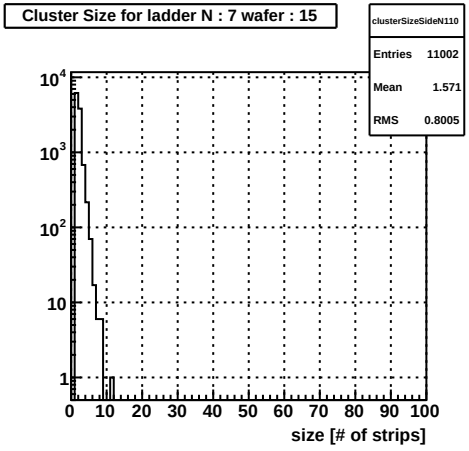

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 12428
Mean 1.601
RMS 0.8418
size [# of strips]

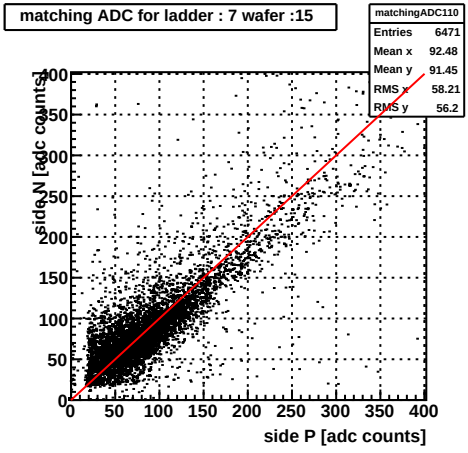

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 10692
Mean x 88.92
Mean y 91.17
RMS x 58.44
RMS y 57.55
side N [adc counts]
side P [adc counts]

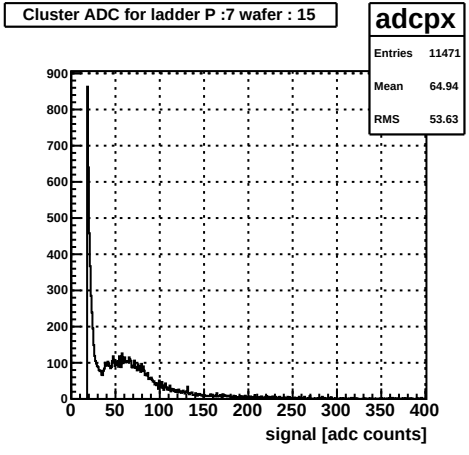

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13840
Mean 71.35
RMS 58.51
signal [adc counts]

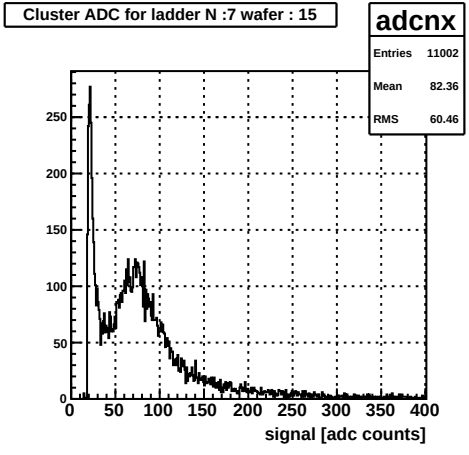

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 12428
Mean 88.65
RMS 62.21
signal [adc counts]

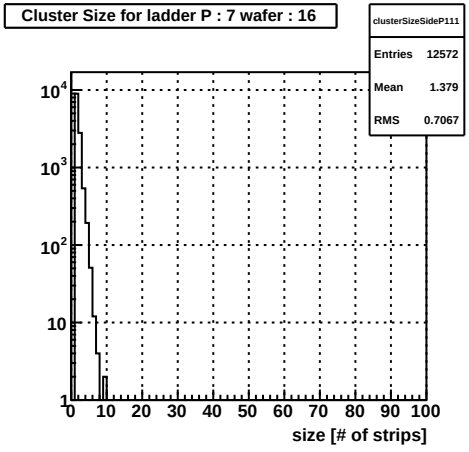

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 11471
Mean 1.323
RMS 0.6386
size [# of strips]

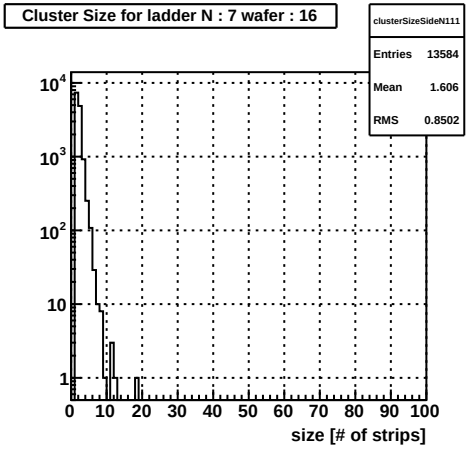

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11002
Mean 1.571
RMS 0.8005
size [# of strips]

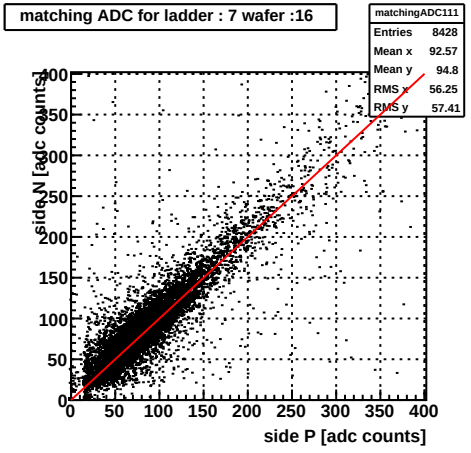

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6471
Mean x 92.48
Mean y 91.45
RMS x 58.21
RMS y 56.2
side N [adc counts]
side P [adc counts]

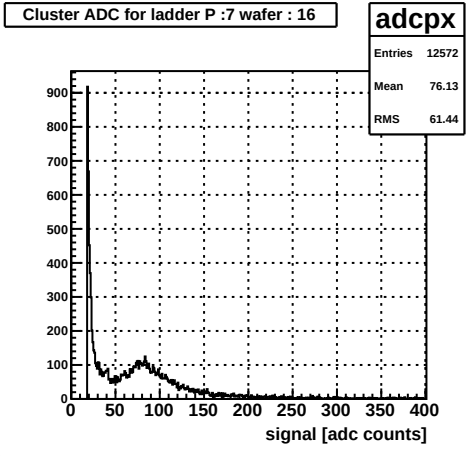

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 11471
Mean 64.94
RMS 53.63
signal [adc counts]

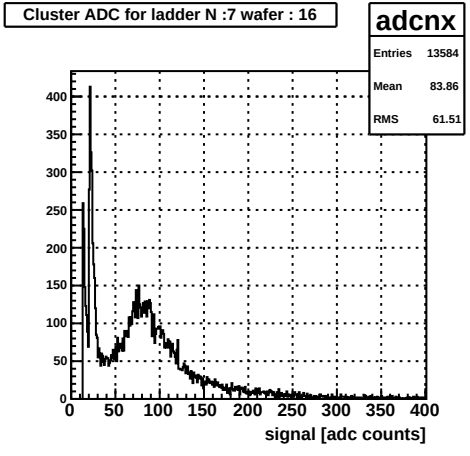

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11002
Mean 82.36
RMS 60.46
signal [adc counts]

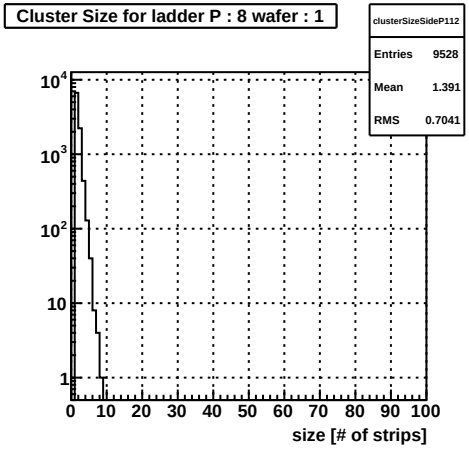

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 12572
Mean 1.379
RMS 0.7067
size [# of strips]

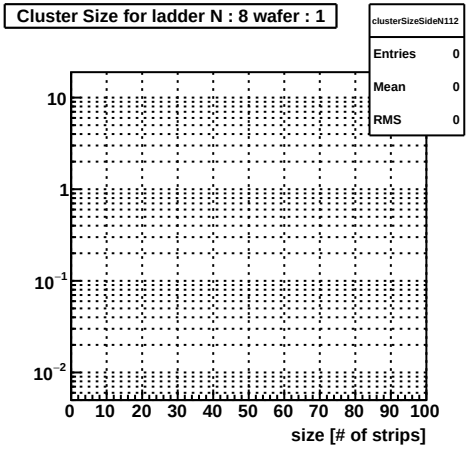

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 13584
Mean 1.606
RMS 0.8502
size [# of strips]

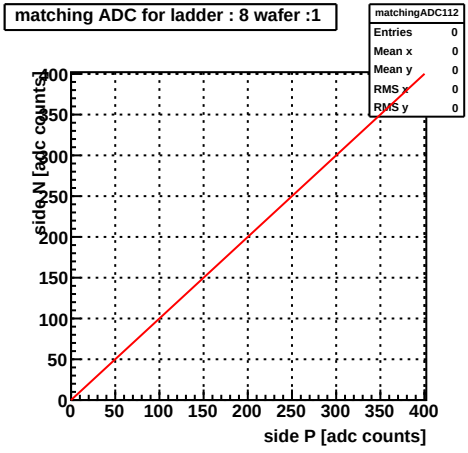

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8428
Mean x 92.57
Mean y 94.8
RMS x 56.25
RMS y 57.41
side N [adc counts]
side P [adc counts]

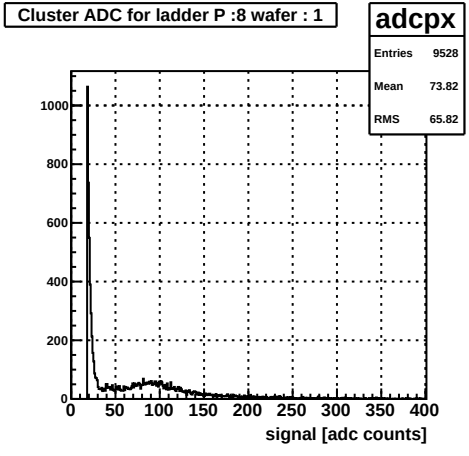

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 12572
Mean 76.13
RMS 61.44
signal [adc counts]

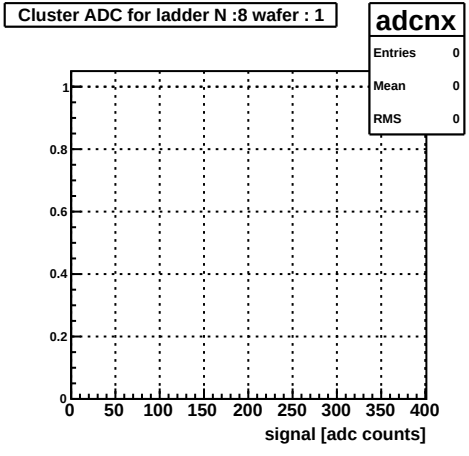

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 13584
Mean 83.86
RMS 61.51
signal [adc counts]

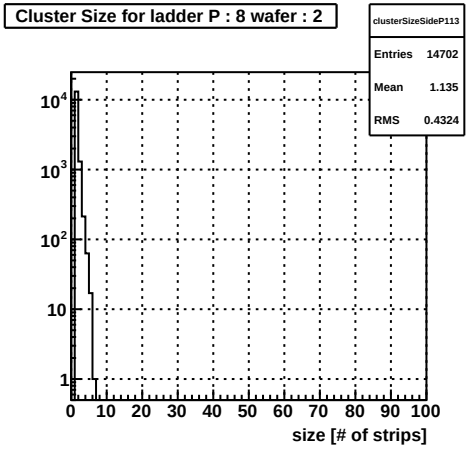

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 9528
Mean 1.391
RMS 0.7041
size [# of strips]

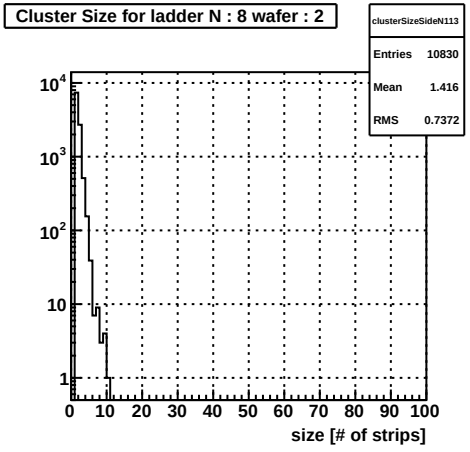

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

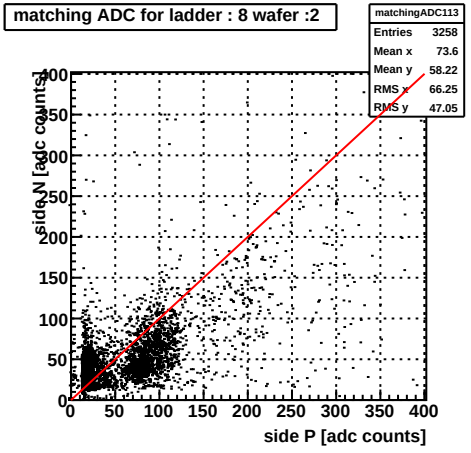

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

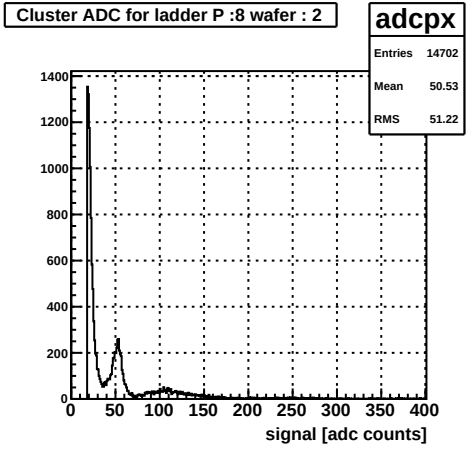

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 9528
Mean 73.82
RMS 65.82
signal [adc counts]

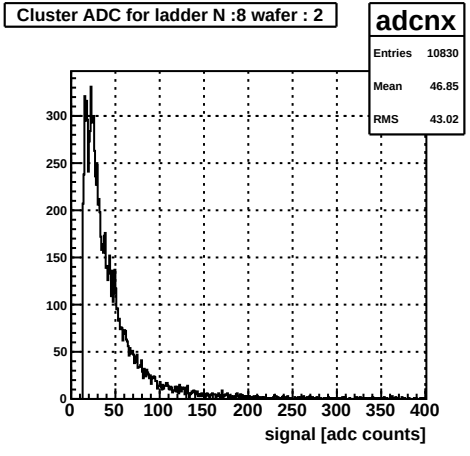

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

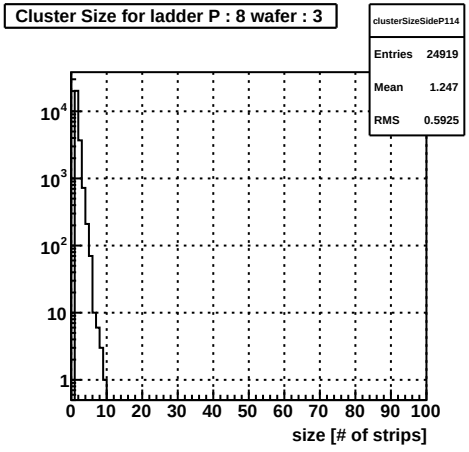

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14702
Mean 1.135
RMS 0.4324
size [# of strips]

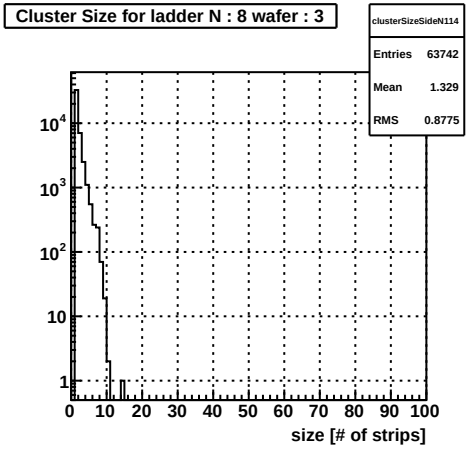

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10830
Mean 1.416
RMS 0.7372
size [# of strips]

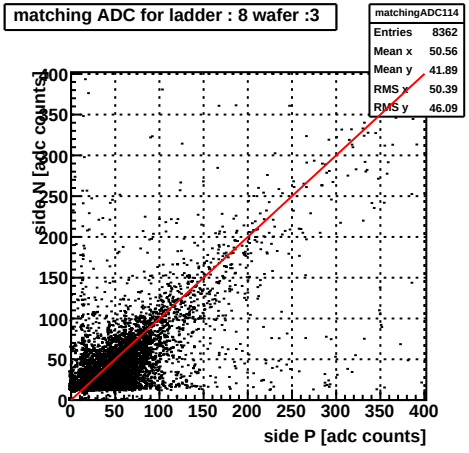

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3258
Mean x 73.6
Mean y 58.22
RMS x 66.25
RMS y 47.05
side N [adc counts]
side P [adc counts]

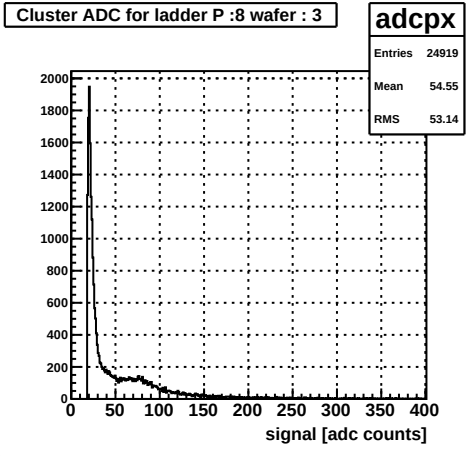

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14702
Mean 50.53
RMS 51.22
signal [adc counts]

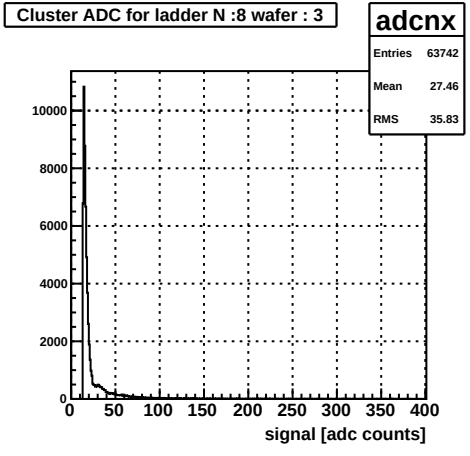

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10830
Mean 46.85
RMS 43.02
signal [adc counts]

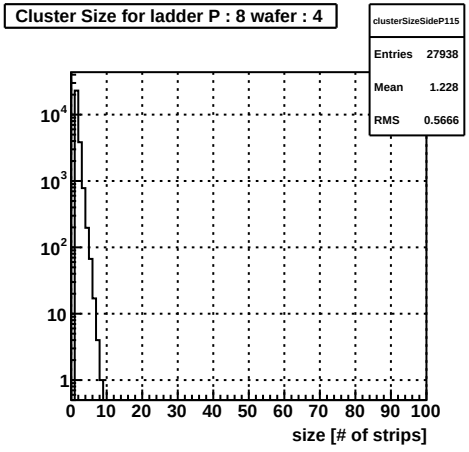

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24919
Mean 1.247
RMS 0.5925
size [# of strips]

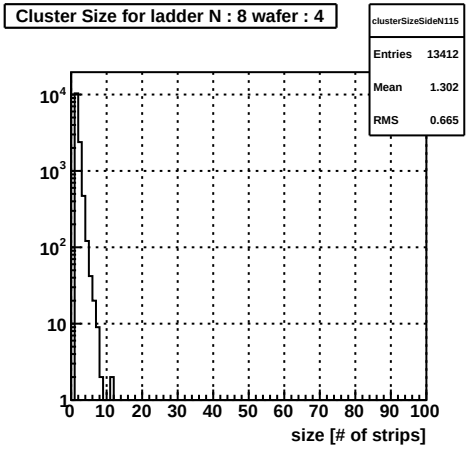

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 63742
Mean 1.329
RMS 0.8775
size [# of strips]

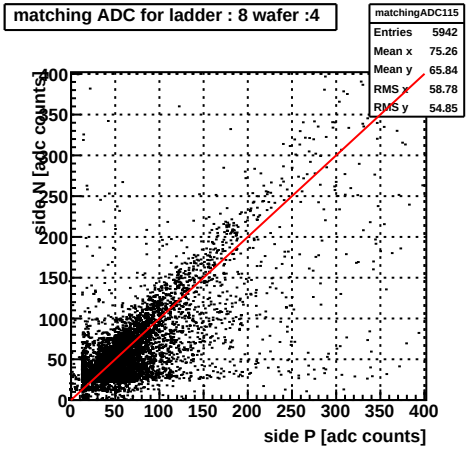

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 8362
Mean x 50.56
Mean y 41.89
RMS x 50.39
RMS y 46.09
side N [adc counts]
side P [adc counts]

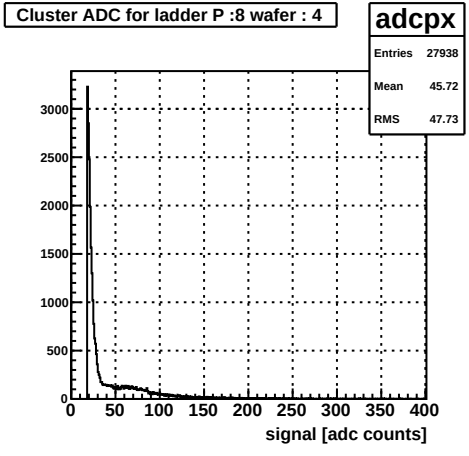

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24919
Mean 54.55
RMS 53.14
signal [adc counts]

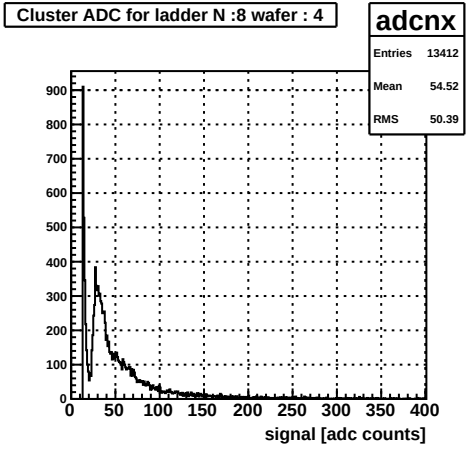

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 63742
Mean 27.46
RMS 35.83
signal [adc counts]

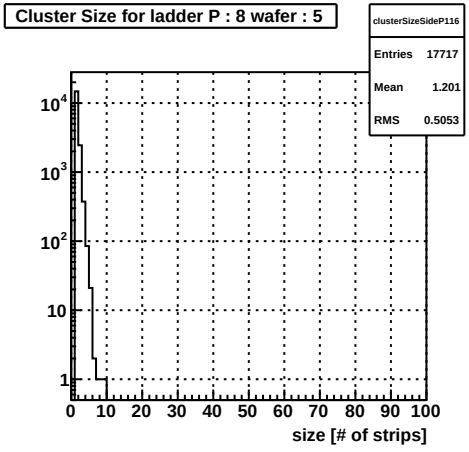

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 27938
Mean 1.228
RMS 0.5666
size [# of strips]

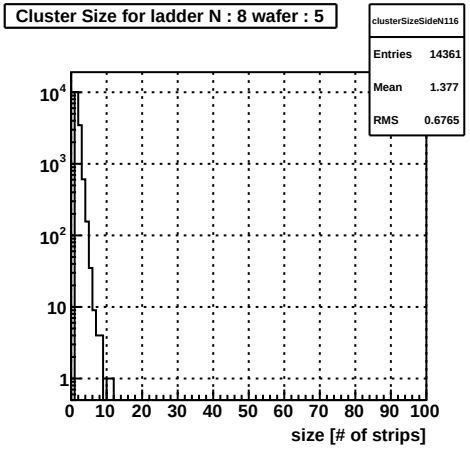

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13412
Mean 1.302
RMS 0.665
size [# of strips]

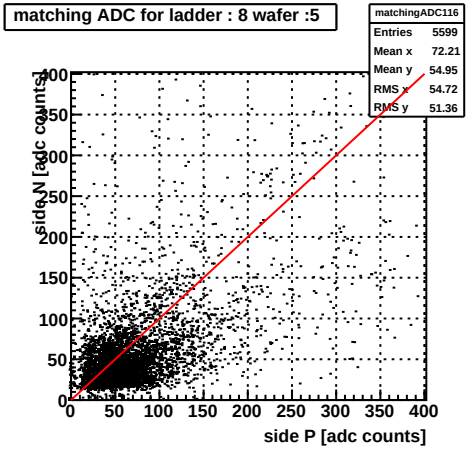

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 5942
Mean x 75.26
Mean y 65.84
RMS x 58.78
RMS y 54.85
side N [adc counts]
side P [adc counts]

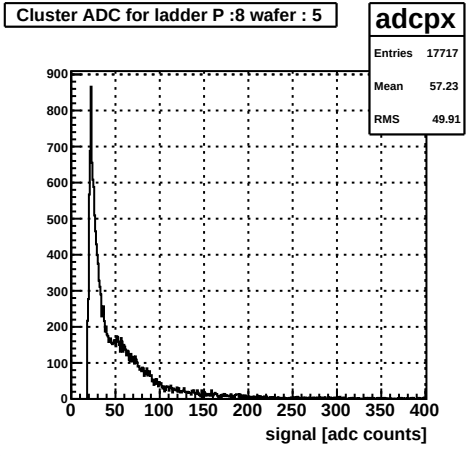

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 27938
Mean 45.72
RMS 47.73
signal [adc counts]

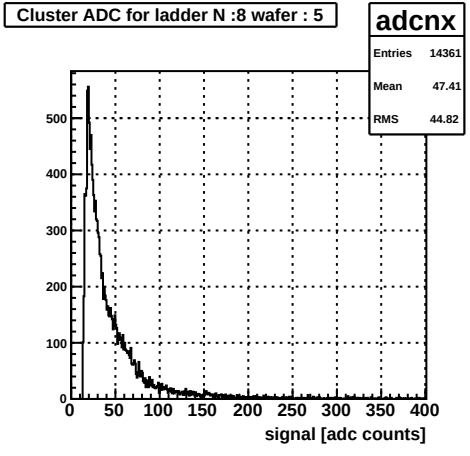

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13412
Mean 54.52
RMS 50.39
signal [adc counts]

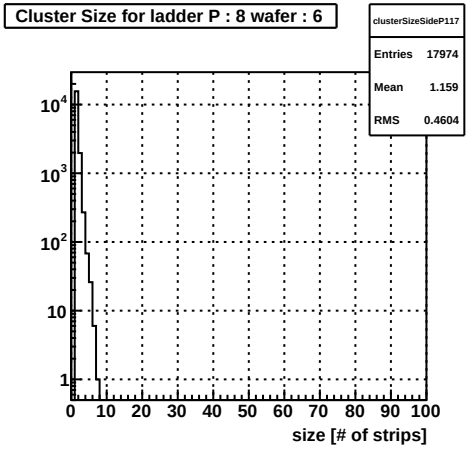

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 17717
Mean 1.201
RMS 0.5053
size [# of strips]

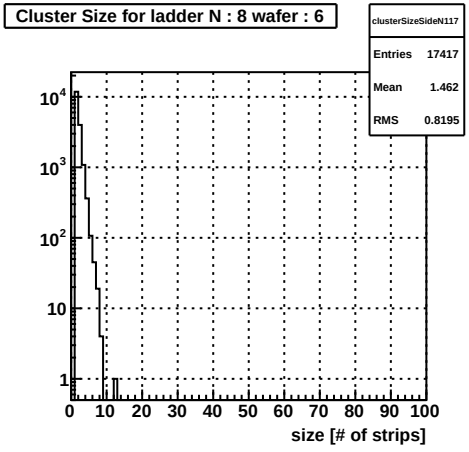

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 14361
Mean 1.377
RMS 0.6765
size [# of strips]

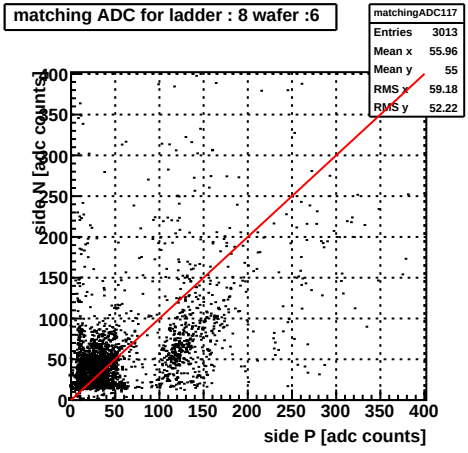

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 5599
Mean x 72.21
Mean y 54.95
RMS x 54.72
RMS y 51.36
side N [adc counts]
side P [adc counts]

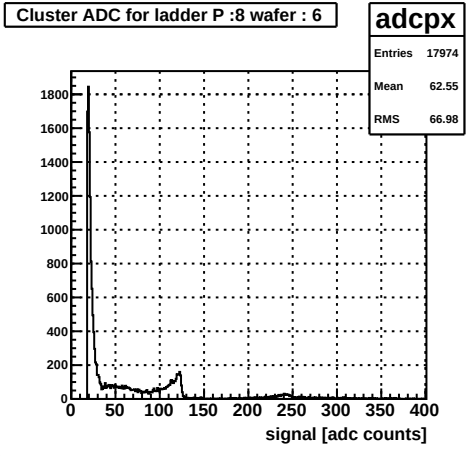

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 17717
Mean 57.23
RMS 49.91
signal [adc counts]

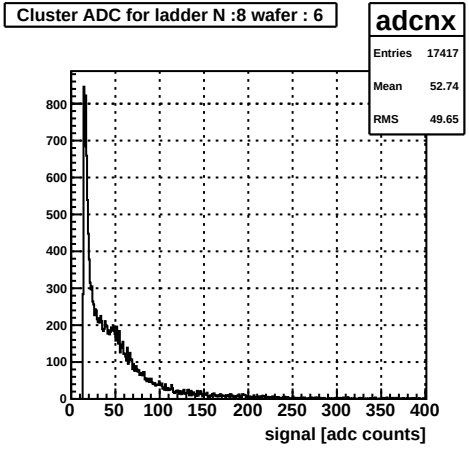

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 14361
Mean 47.41
RMS 44.82
signal [adc counts]

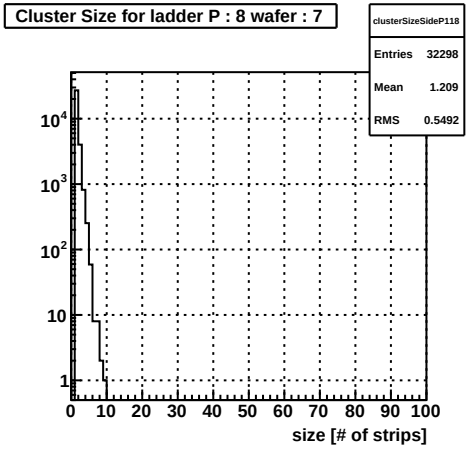

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17974
Mean 1.159
RMS 0.4604
size [# of strips]

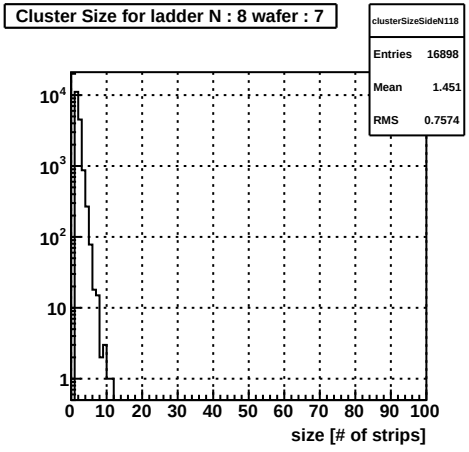

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 17417
Mean 1.462
RMS 0.8195
size [# of strips]

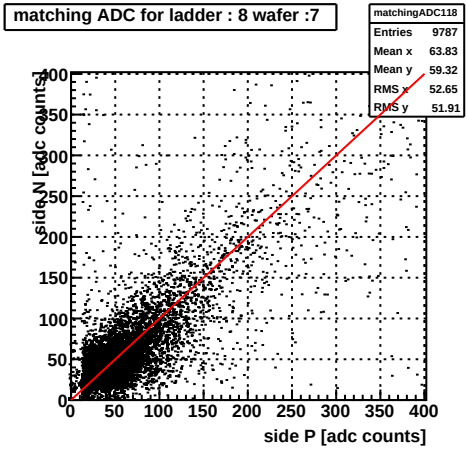

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3013
Mean x 55.96
Mean y 55
RMS x 59.18
RMS y 52.22
side N [adc counts]
side P [adc counts]

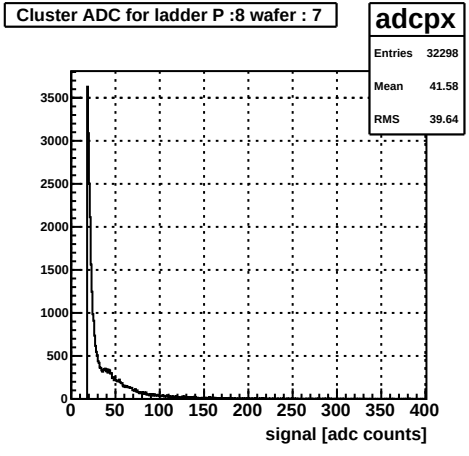

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17974
Mean 62.55
RMS 66.98
signal [adc counts]

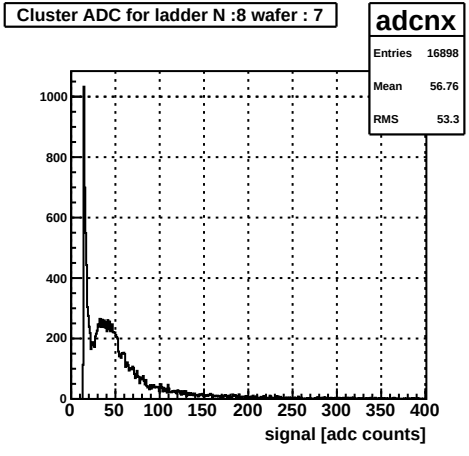

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 17417
Mean 52.74
RMS 49.65
signal [adc counts]

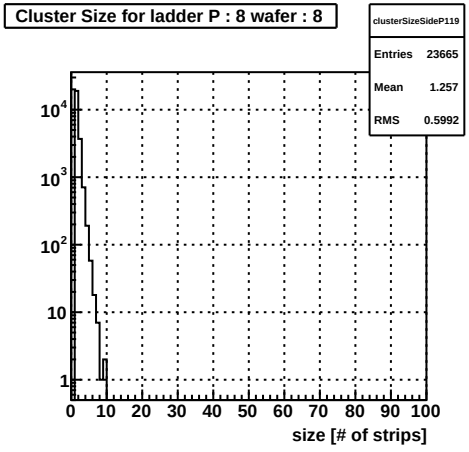

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 32298
Mean 1.209
RMS 0.5492
size [# of strips]

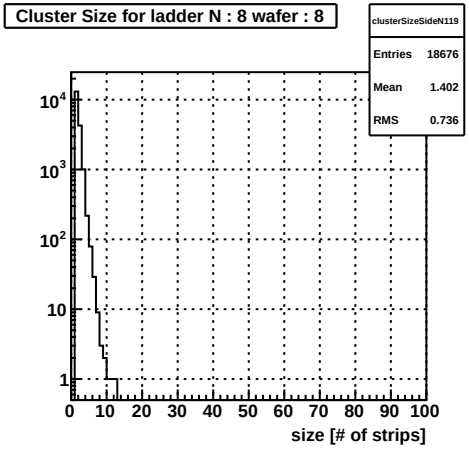

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 16898
Mean 1.451
RMS 0.7574
size [# of strips]

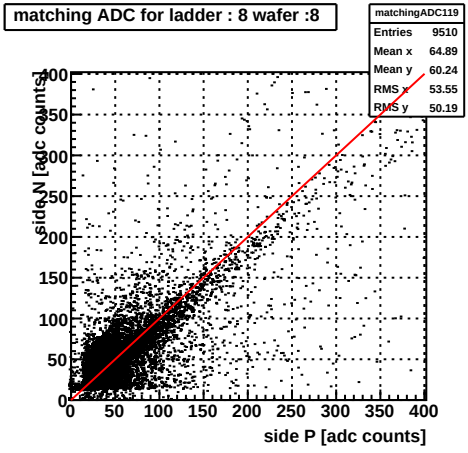

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 9787
Mean x 63.83
Mean y 59.32
RMS x 52.65
RMS y 51.91
side N [adc counts]
side P [adc counts]

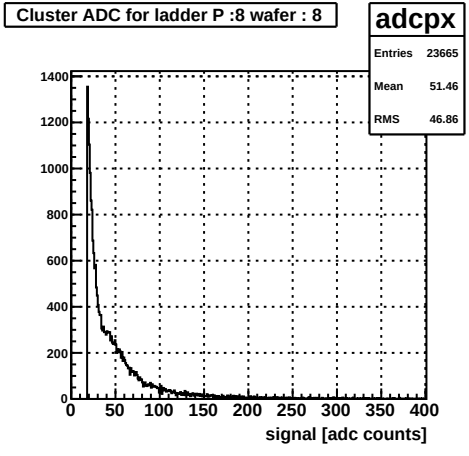

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 32298
Mean 41.58
RMS 39.64
signal [adc counts]

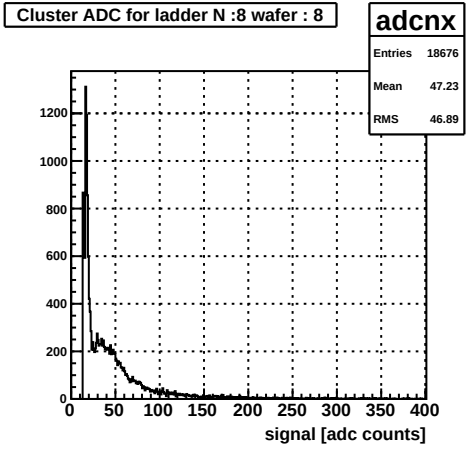

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 16898
Mean 56.76
RMS 53.3
signal [adc counts]

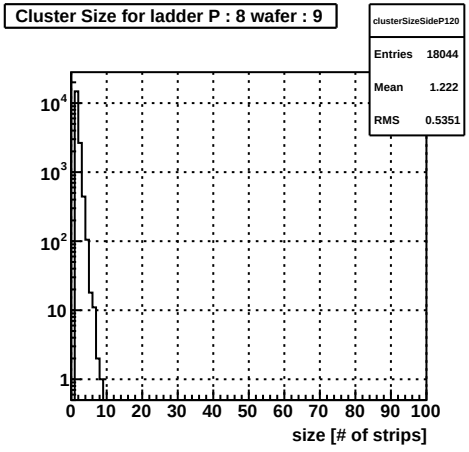

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 23665
Mean 1.257
RMS 0.5992
size [# of strips]

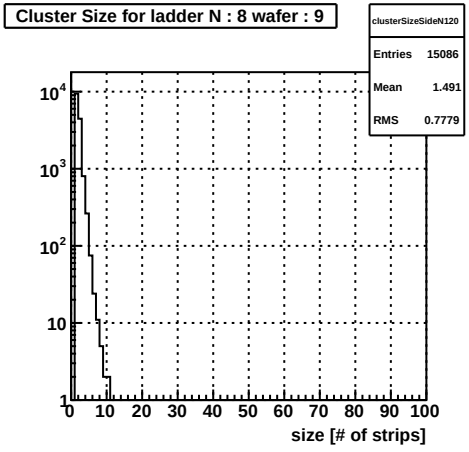

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 18676
Mean 1.402
RMS 0.736
size [# of strips]

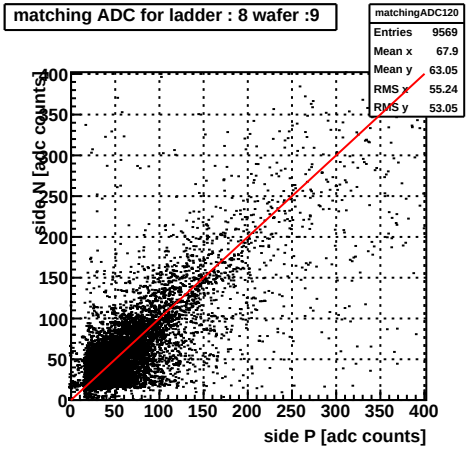

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 9510
Mean x 64.89
Mean y 60.24
RMS x 53.55
RMS y 50.19
side N [adc counts]
side P [adc counts]

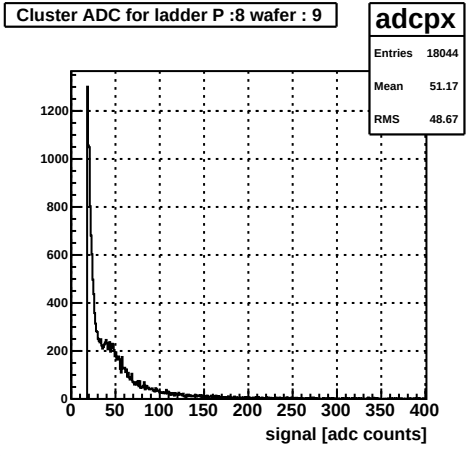

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 23665
Mean 51.46
RMS 46.86
signal [adc counts]

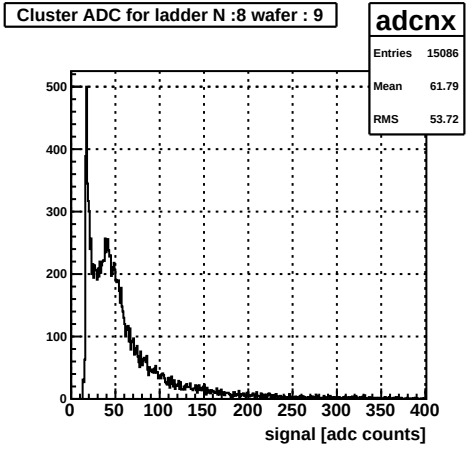

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 18676
Mean 47.23
RMS 46.89
signal [adc counts]

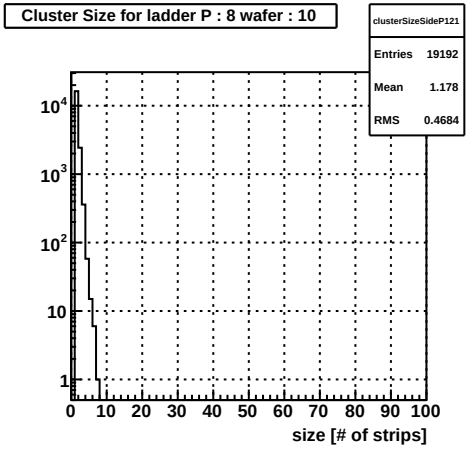

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 18044
Mean 1.222
RMS 0.5351
size [# of strips]

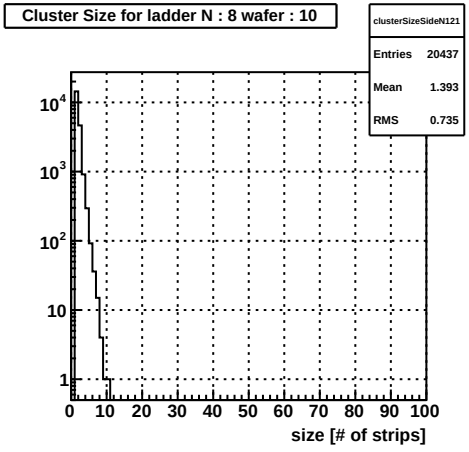

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 15086
Mean 1.491
RMS 0.7779
size [# of strips]

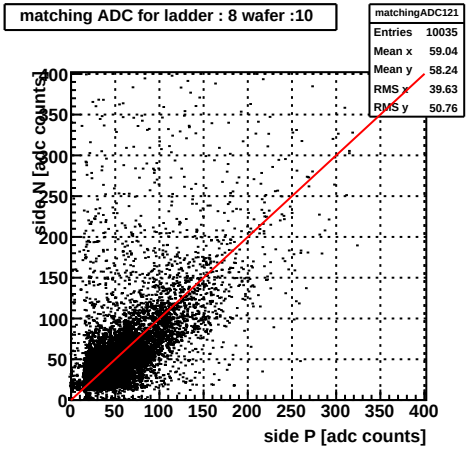

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 9569
Mean x 67.9
Mean y 63.05
RMS x 55.24
RMS y 53.05
side N [adc counts]
side P [adc counts]

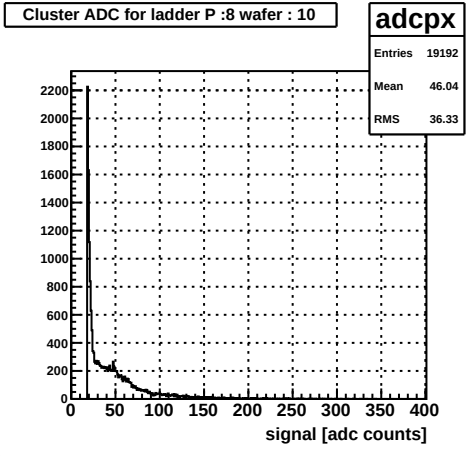

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 18044
Mean 51.17
RMS 48.67
signal [adc counts]

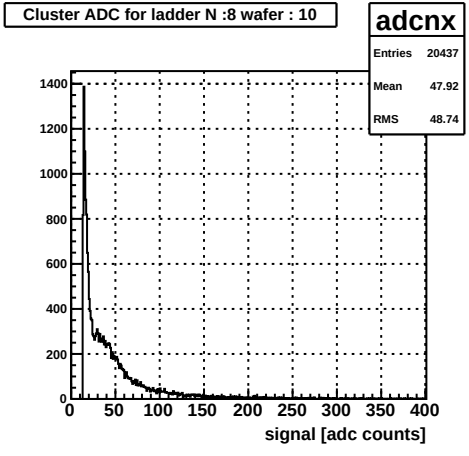

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 15086
Mean 61.79
RMS 53.72
signal [adc counts]

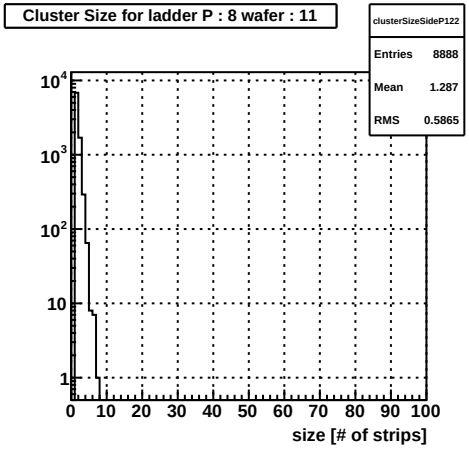

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 19192
Mean 1.178
RMS 0.4684
size [# of strips]

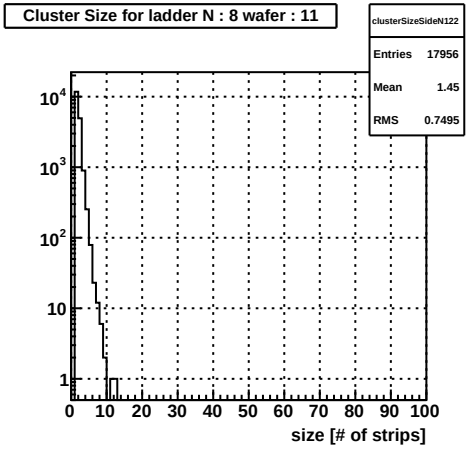

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 20437
Mean 1.393
RMS 0.735
size [# of strips]

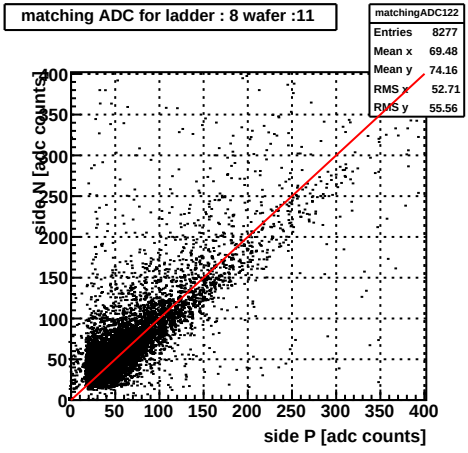

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10035
Mean x 59.04
Mean y 58.24
RMS x 39.63
RMS y 50.76
side N [adc counts]
side P [adc counts]

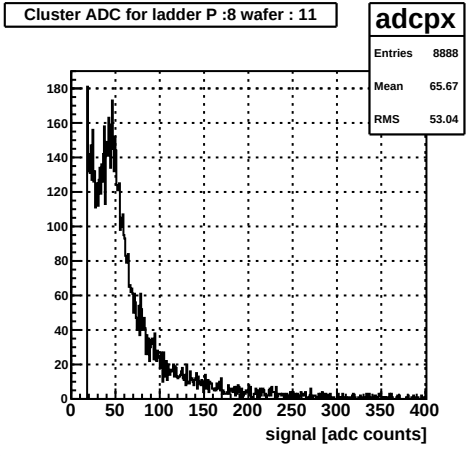

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 19192
Mean 46.04
RMS 36.33
signal [adc counts]

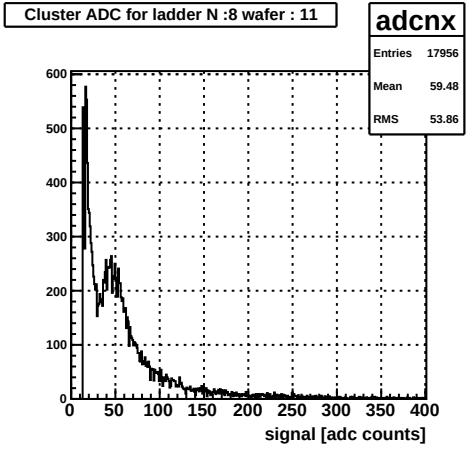

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 20437
Mean 47.92
RMS 48.74
signal [adc counts]

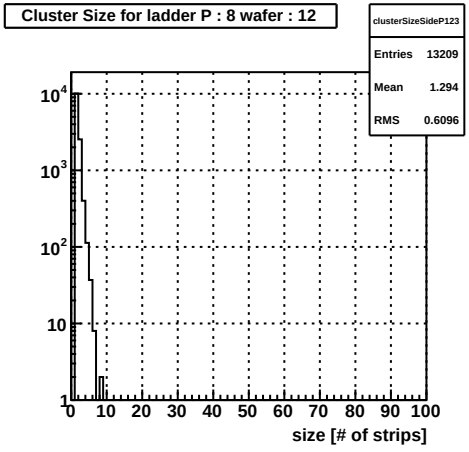

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 8888
Mean 1.287
RMS 0.5865
size [# of strips]

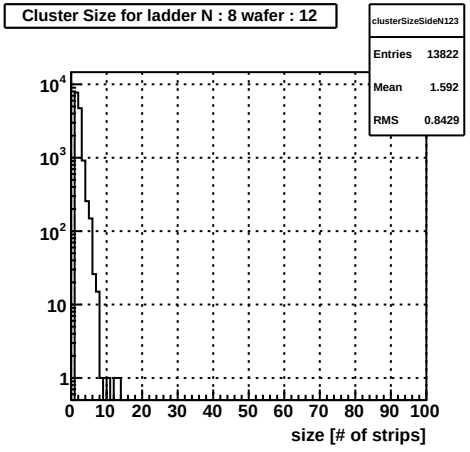

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 17956
Mean 1.45
RMS 0.7495
size [# of strips]

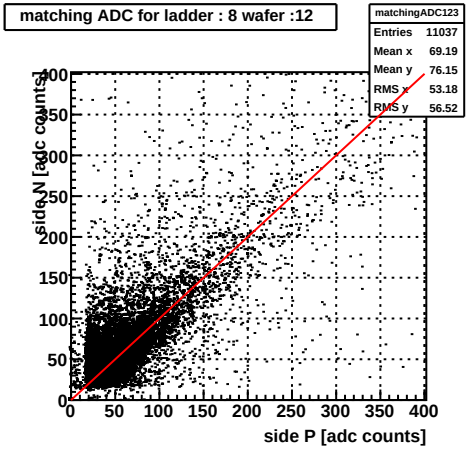

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 8277
Mean x 69.48
Mean y 74.16
RMS x 52.71
RMS y 55.56
side N [adc counts]
side P [adc counts]

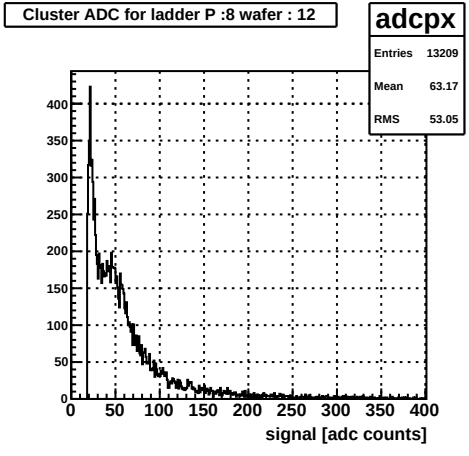

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 8888
Mean 65.67
RMS 53.04
signal [adc counts]

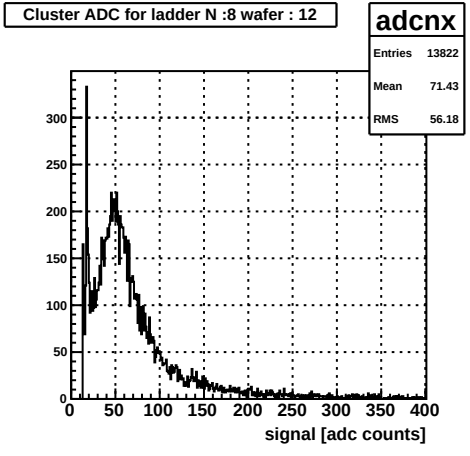

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 17956
Mean 59.48
RMS 53.86
signal [adc counts]

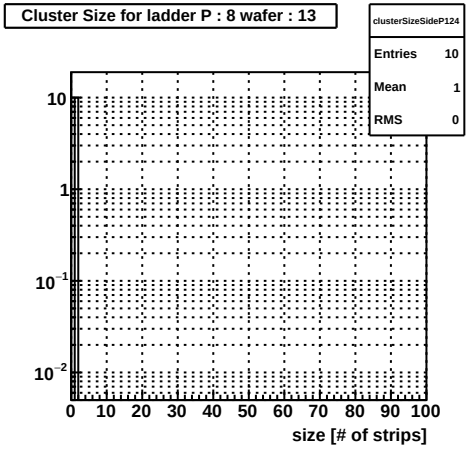

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 13209
Mean 1.294
RMS 0.6096
size [# of strips]

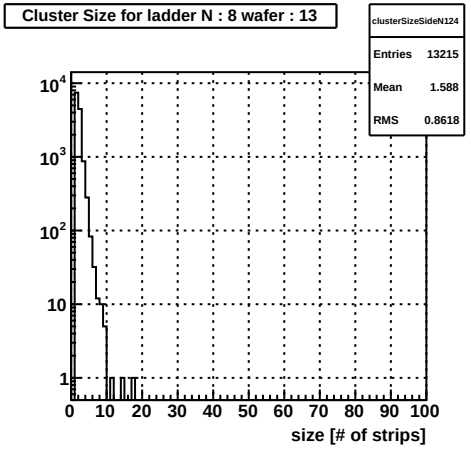

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 13822
Mean 1.592
RMS 0.8429
size [# of strips]

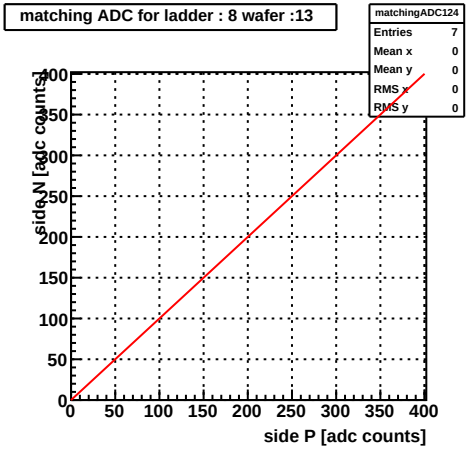

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 11037
Mean x 69.19
Mean y 76.15
RMS x 53.18
RMS y 56.52
side N [adc counts]
side P [adc counts]

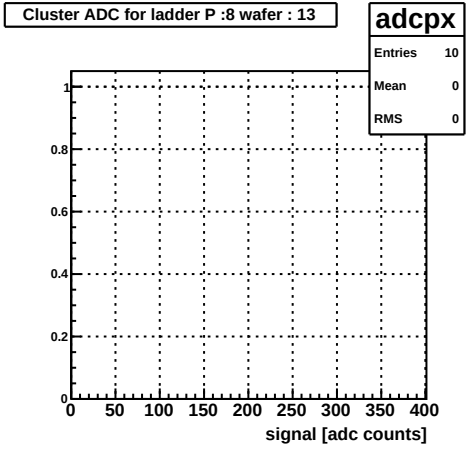

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 13209
Mean 63.17
RMS 53.05
signal [adc counts]

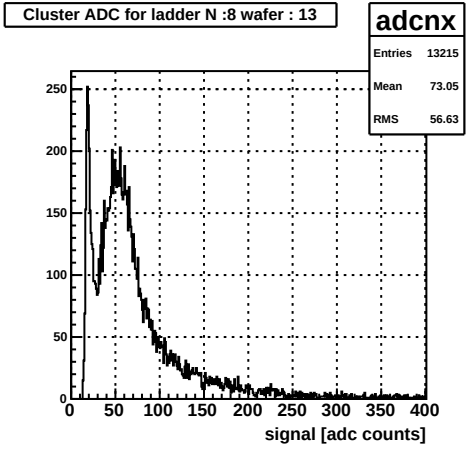

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 13822
Mean 71.43
RMS 56.18
signal [adc counts]

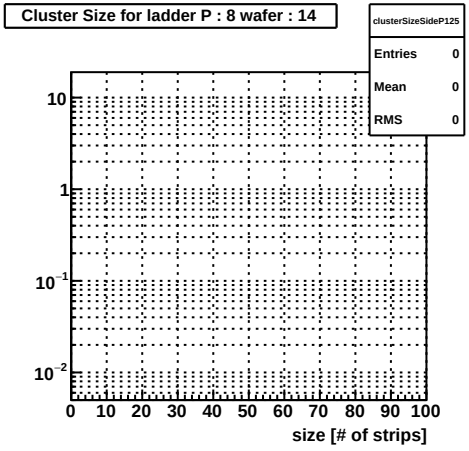

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 10
Mean 1
RMS 0
size [# of strips]

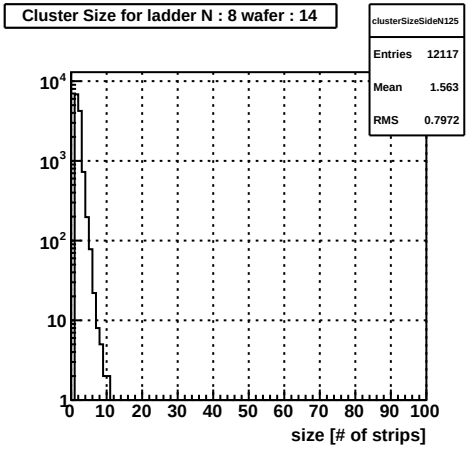

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 13215
Mean 1.588
RMS 0.8618
size [# of strips]

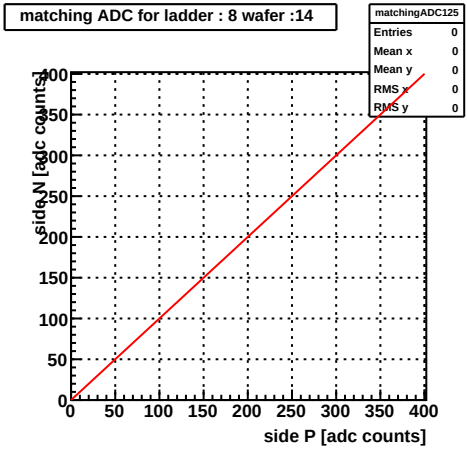

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

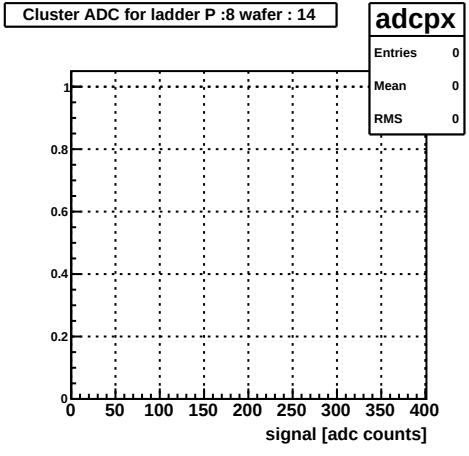

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

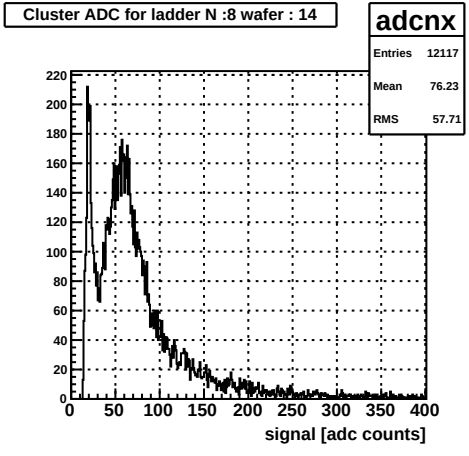

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 13215
Mean 73.05
RMS 56.63
signal [adc counts]

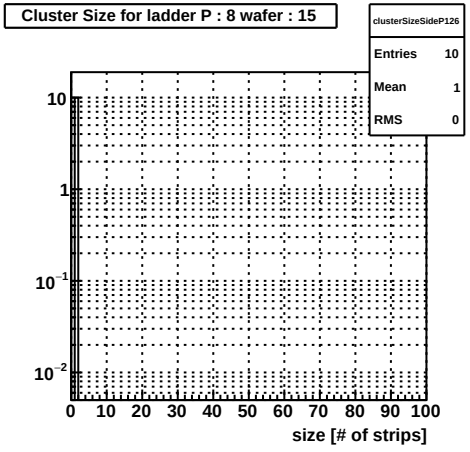

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

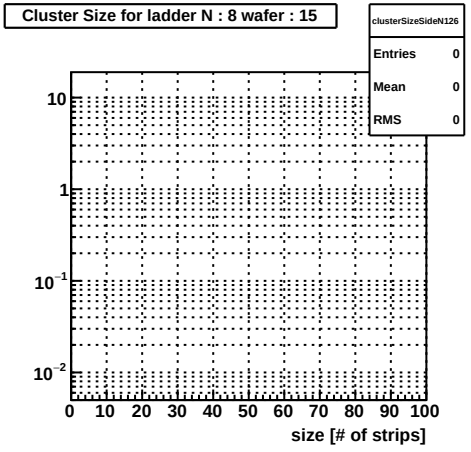

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 12117
Mean 1.563
RMS 0.7972
size [# of strips]

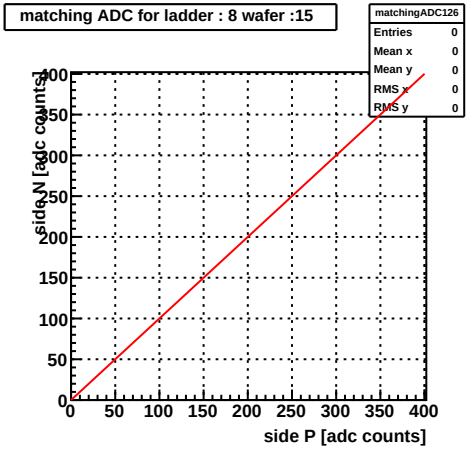

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

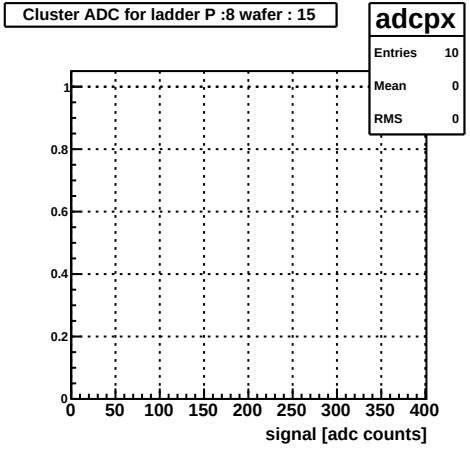

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

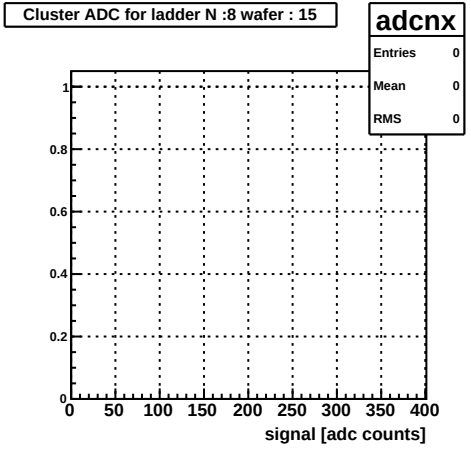

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 12117
Mean 76.23
RMS 57.71
signal [adc counts]

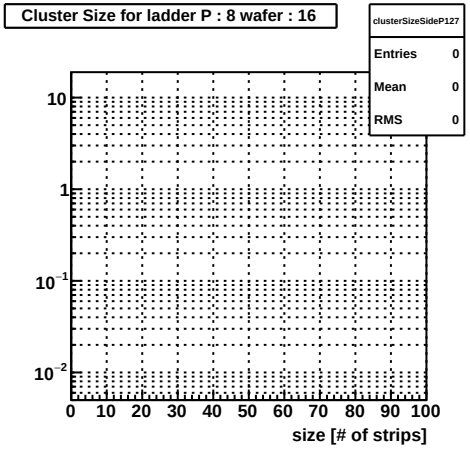

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 10
Mean 1
RMS 0
size [# of strips]

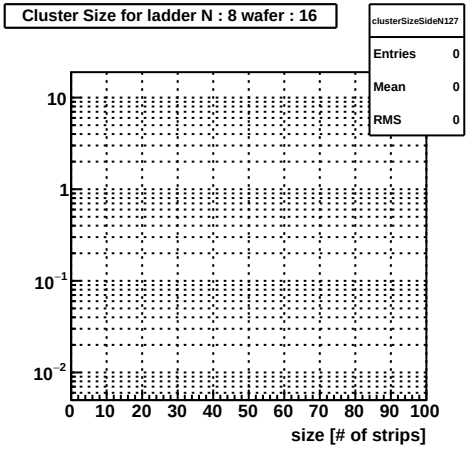

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

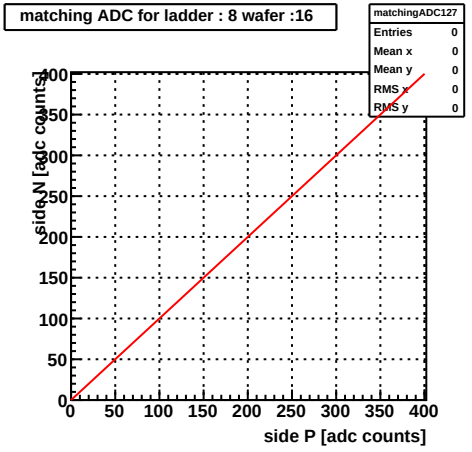

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

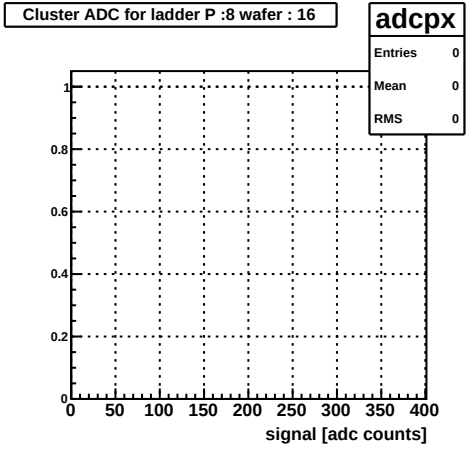

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

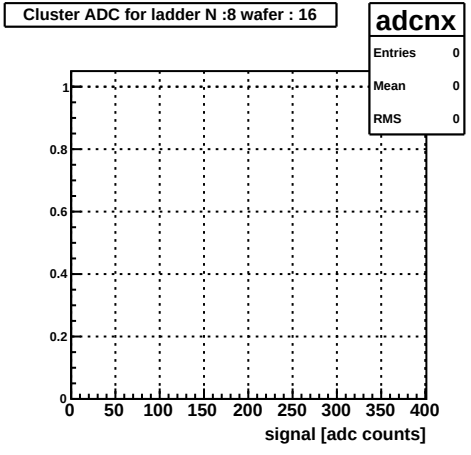

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

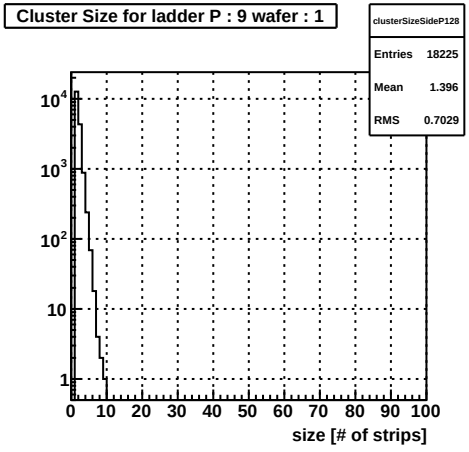

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

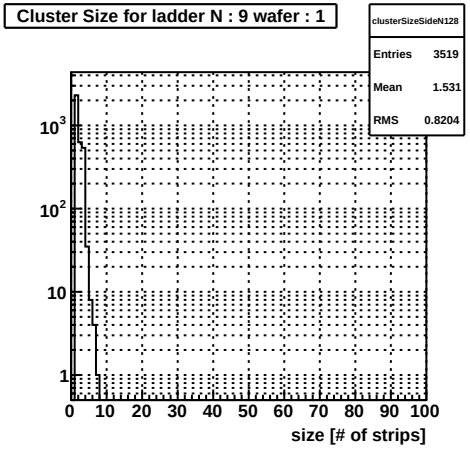

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

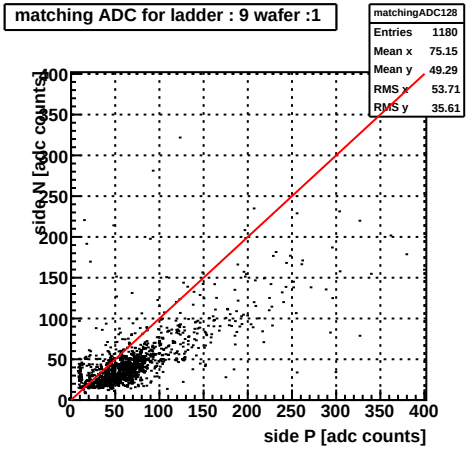

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

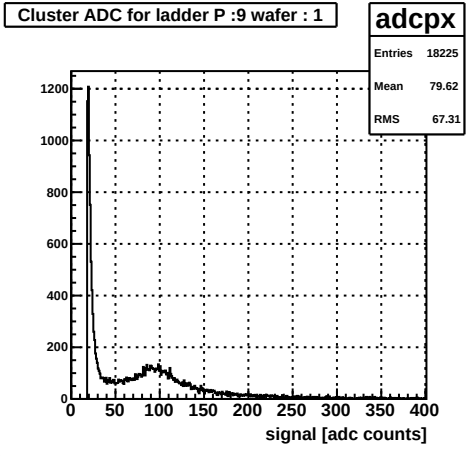

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

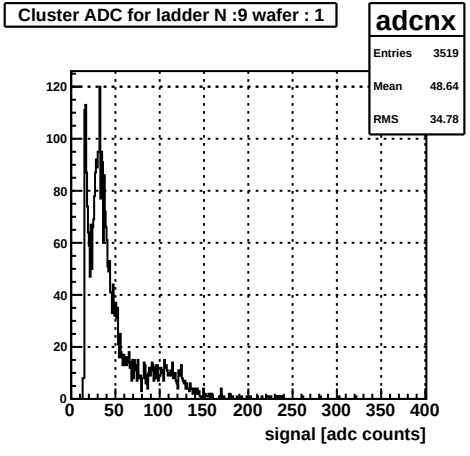

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

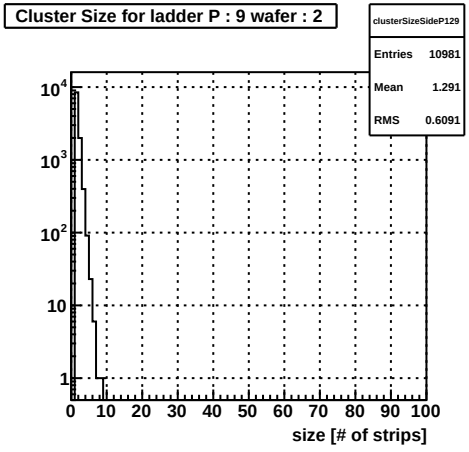

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 18225
Mean 1.396
RMS 0.7029
size [# of strips]

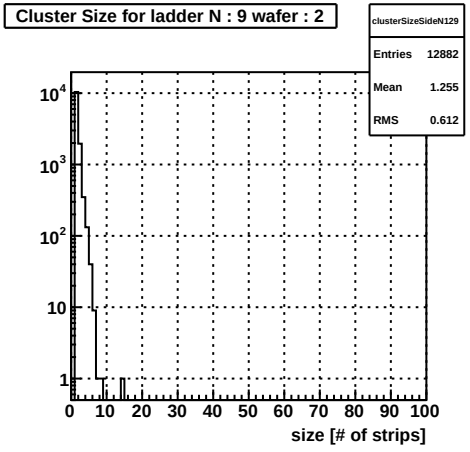

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3519
Mean 1.531
RMS 0.8204
size [# of strips]

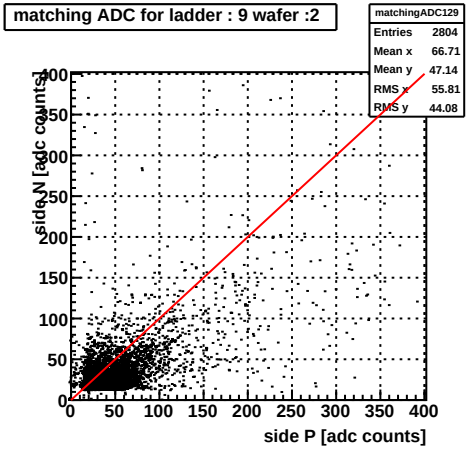

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1180
Mean x 75.15
Mean y 49.29
RMS x 53.71
RMS y 35.61
side N [adc counts]
side P [adc counts]

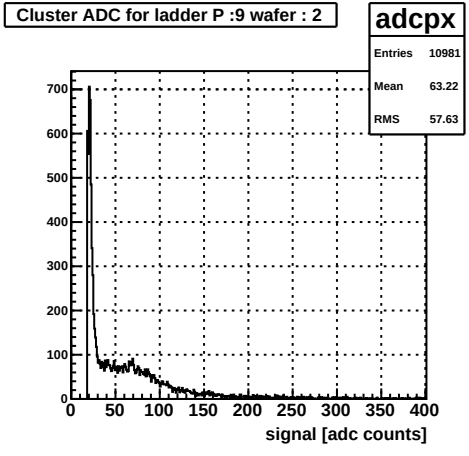

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 18225
Mean 79.62
RMS 67.31
signal [adc counts]

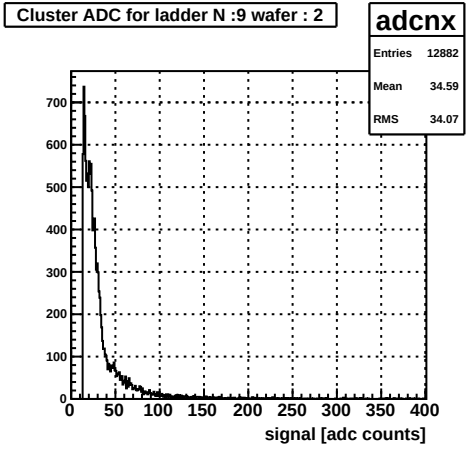

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3519
Mean 48.64
RMS 34.78
signal [adc counts]

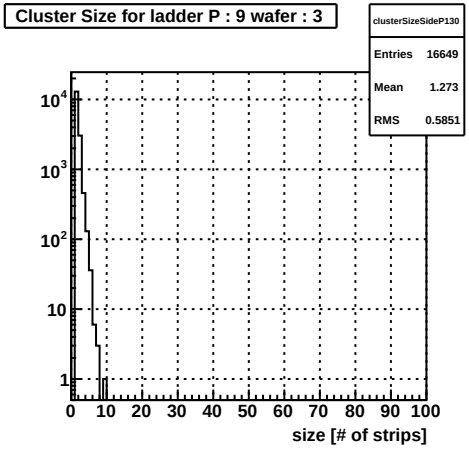

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10981
Mean 1.291
RMS 0.6091
size [# of strips]

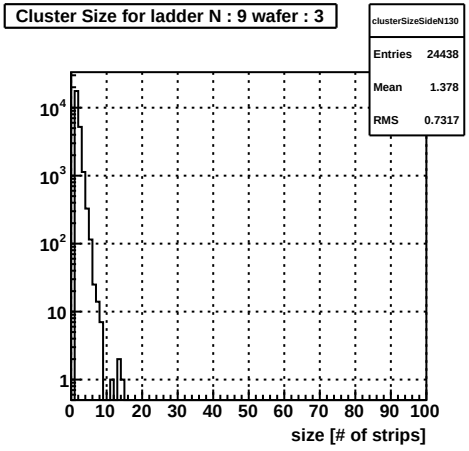

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 12882
Mean 1.255
RMS 0.612
size [# of strips]

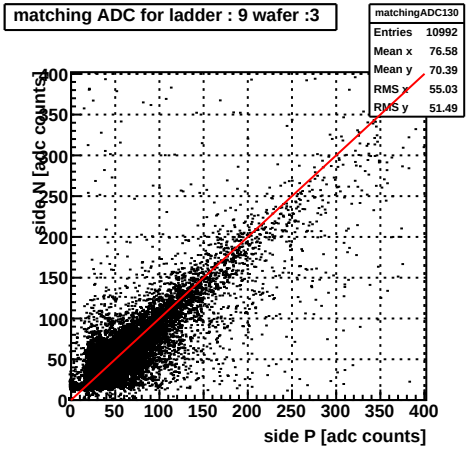

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2804
Mean x 66.71
Mean y 47.14
RMS x 55.81
RMS y 44.08
side N [adc counts]
side P [adc counts]

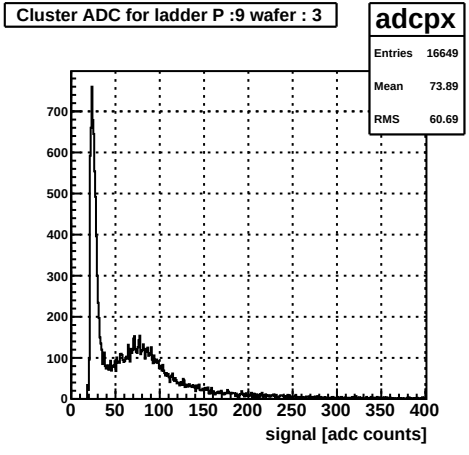

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10981
Mean 63.22
RMS 57.63
signal [adc counts]

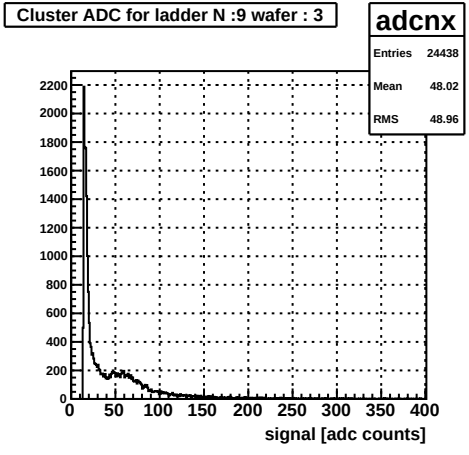

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 12882
Mean 34.59
RMS 34.07
signal [adc counts]

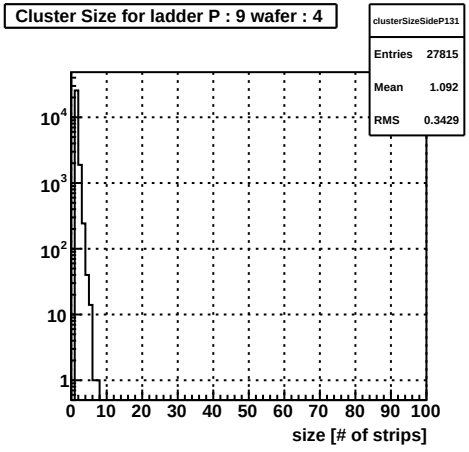

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 16649
Mean 1.273
RMS 0.5851
size [# of strips]

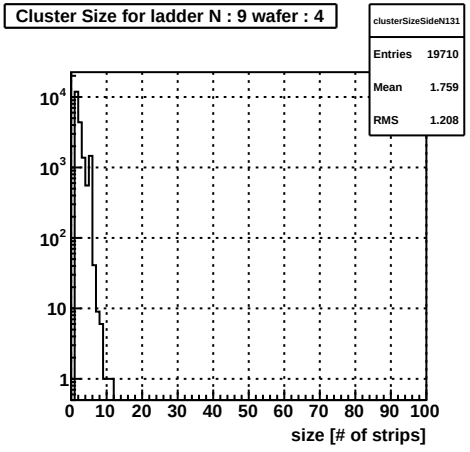

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 24438
Mean 1.378
RMS 0.7317
size [# of strips]

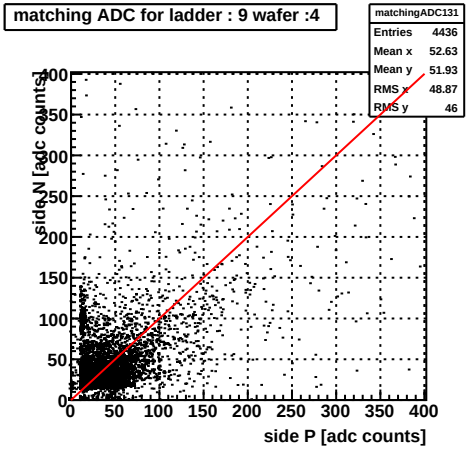

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10992
Mean x 76.58
Mean y 70.39
RMS x 55.03
RMS y 51.49
side N [adc counts]
side P [adc counts]

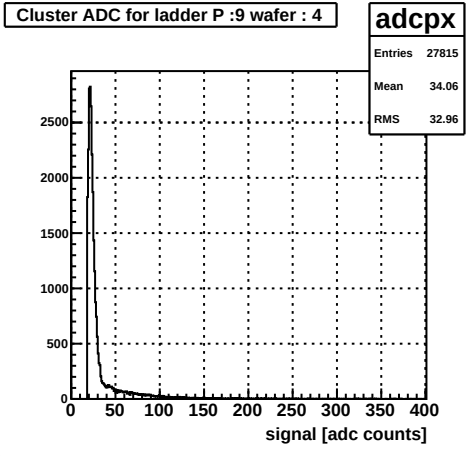

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 16649
Mean 73.89
RMS 60.69
signal [adc counts]

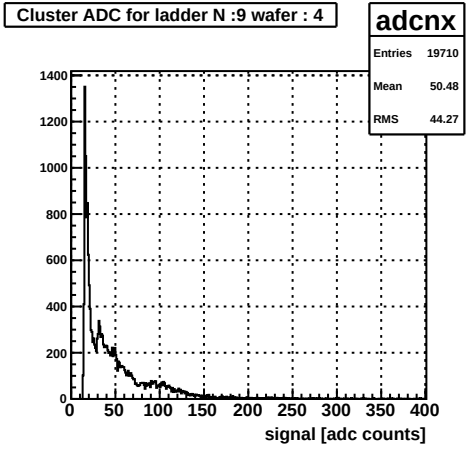

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 24438
Mean 48.02
RMS 48.96
signal [adc counts]

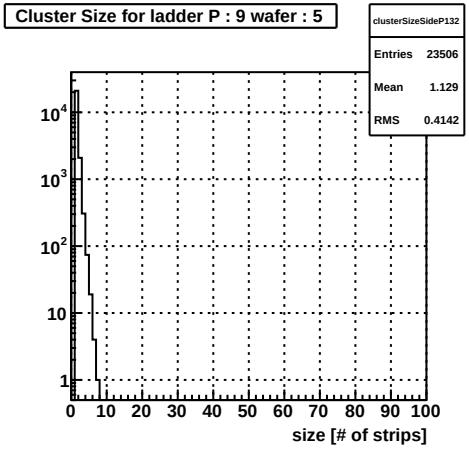

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 27815
Mean 1.092
RMS 0.3429
size [# of strips]

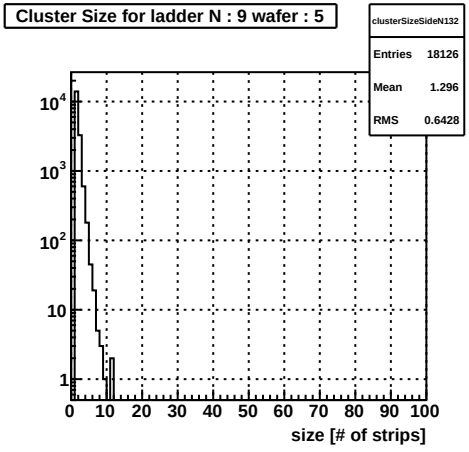

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 19710
Mean 1.759
RMS 1.208
size [# of strips]

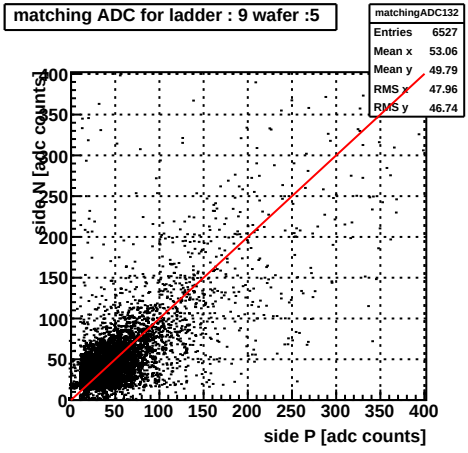

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4436
Mean x 52.63
Mean y 51.93
RMS x 48.87
RMS y 46
side N [adc counts]
side P [adc counts]

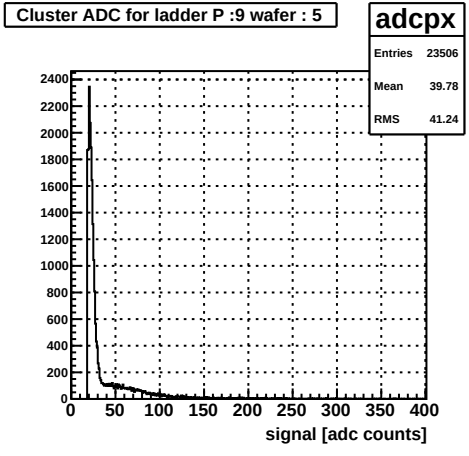

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 27815
Mean 34.06
RMS 32.96
signal [adc counts]

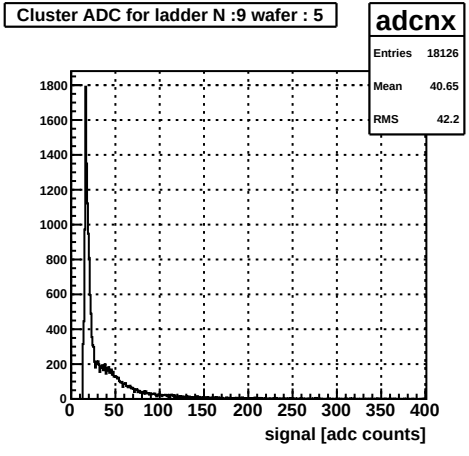

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 19710
Mean 50.48
RMS 44.27
signal [adc counts]

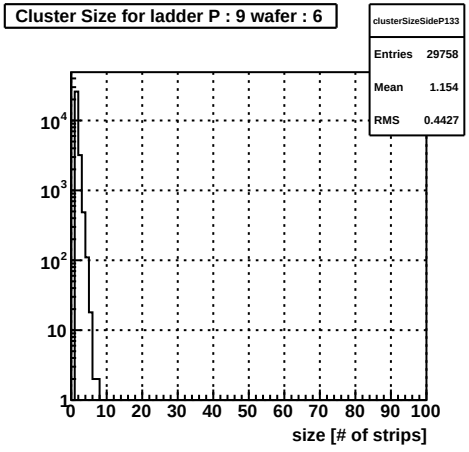

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 23506
Mean 1.129
RMS 0.4142
size [# of strips]

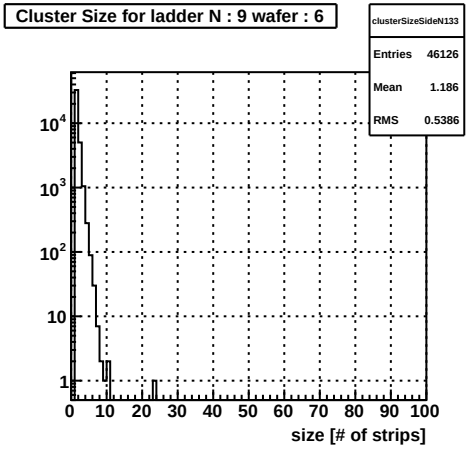

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 18126
Mean 1.296
RMS 0.6428
size [# of strips]

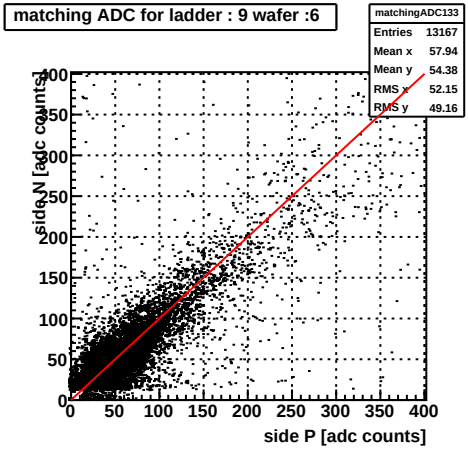

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6527
Mean x 53.06
Mean y 49.79
RMS x 47.96
RMS y 46.74
side N [adc counts]
side P [adc counts]

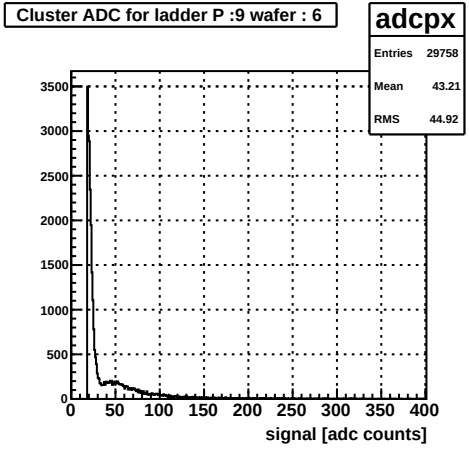

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 23506
Mean 39.78
RMS 41.24
signal [adc counts]

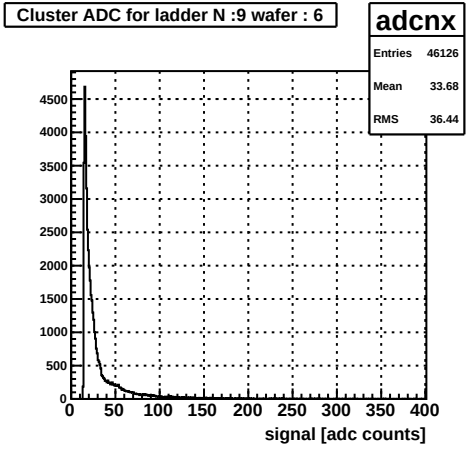

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 18126
Mean 40.65
RMS 42.2
signal [adc counts]

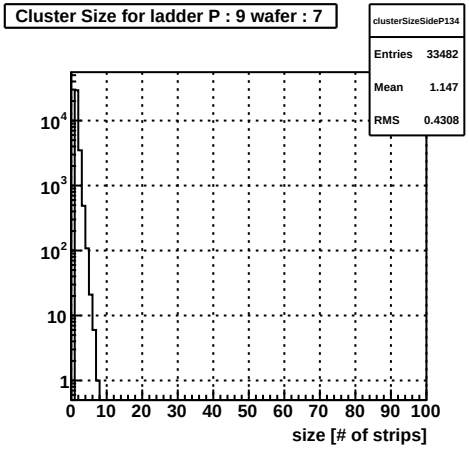

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 29758
Mean 1.154
RMS 0.4427
size [# of strips]

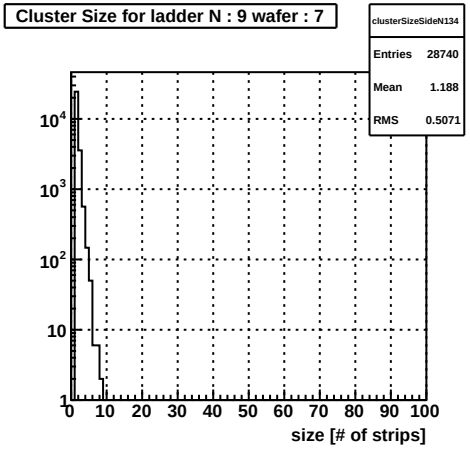

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 46126
Mean 1.186
RMS 0.5386
size [# of strips]

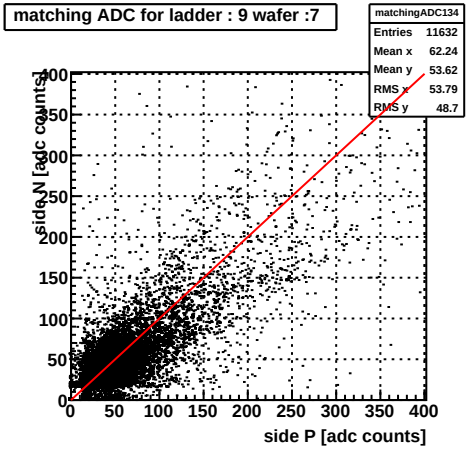

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 13167
Mean x 57.94
Mean y 54.38
RMS x 52.15
RMS y 49.16
side N [adc counts]
side P [adc counts]

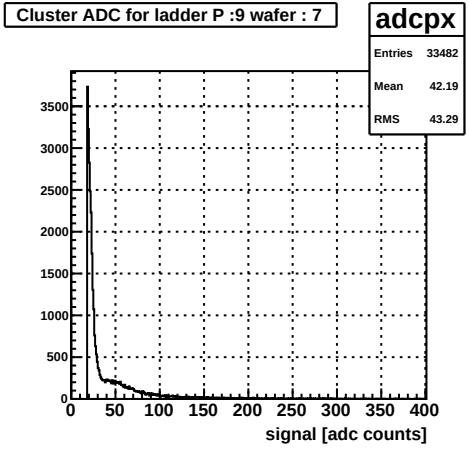

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 29758
Mean 43.21
RMS 44.92
signal [adc counts]

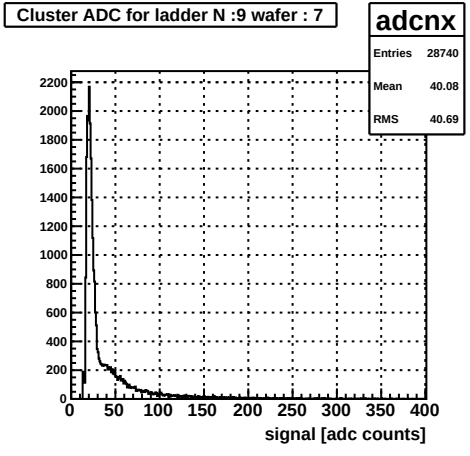

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 46126
Mean 33.68
RMS 36.44
signal [adc counts]

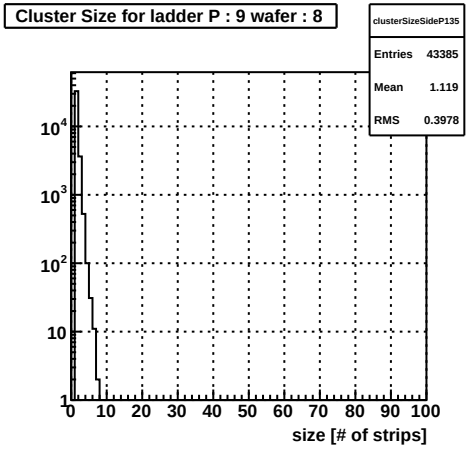

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 33482
Mean 1.147
RMS 0.4308
size [# of strips]

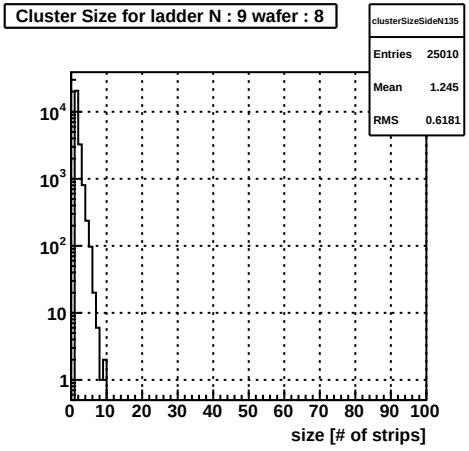

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 28740
Mean 1.188
RMS 0.5071
size [# of strips]

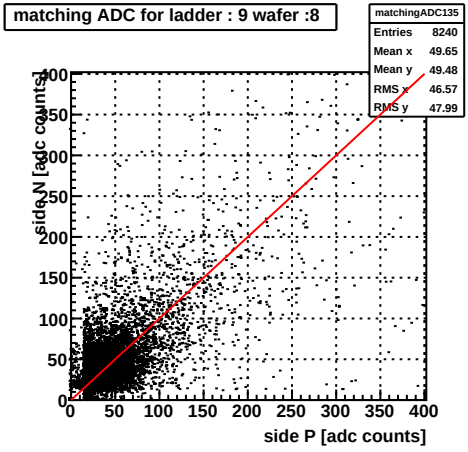

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 11632
Mean x 62.24
Mean y 53.62
RMS x 53.79
RMS y 48.7
side N [adc counts]
side P [adc counts]

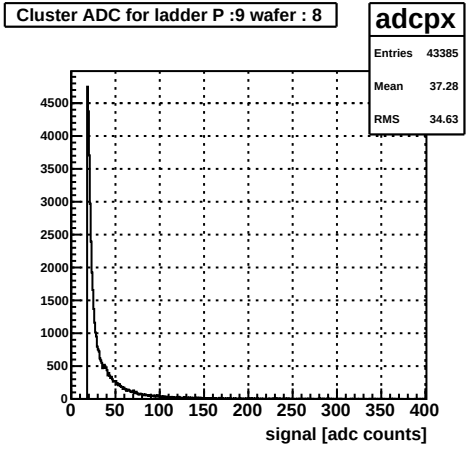

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 33482
Mean 42.19
RMS 43.29
signal [adc counts]

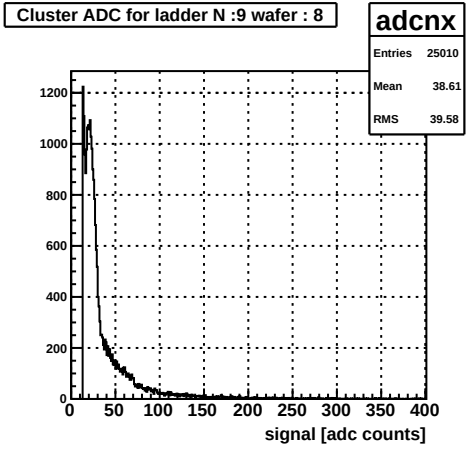

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 28740
Mean 40.08
RMS 40.69
signal [adc counts]

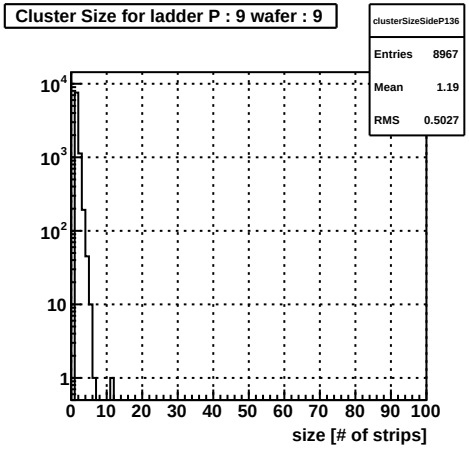

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 43385
Mean 1.119
RMS 0.3978
size [# of strips]

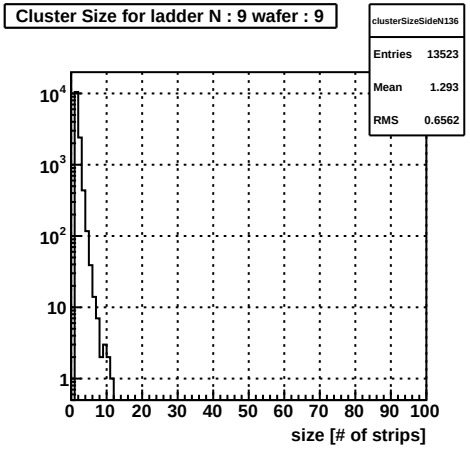

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 25010
Mean 1.245
RMS 0.6181
size [# of strips]

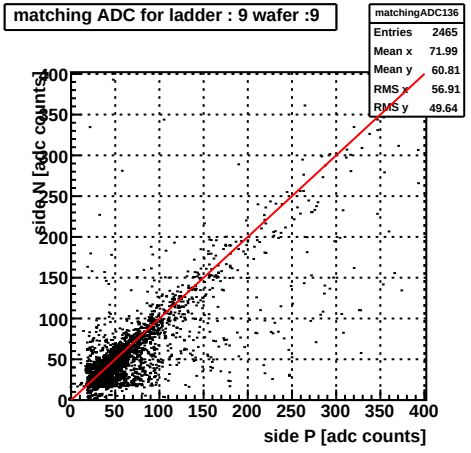

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 8240
Mean x 49.65
Mean y 49.48
RMS x 46.57
RMS y 47.99
side N [adc counts]
side P [adc counts]

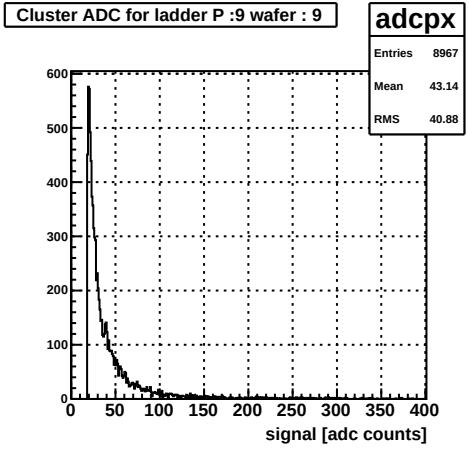

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 43385
Mean 37.28
RMS 34.63
signal [adc counts]

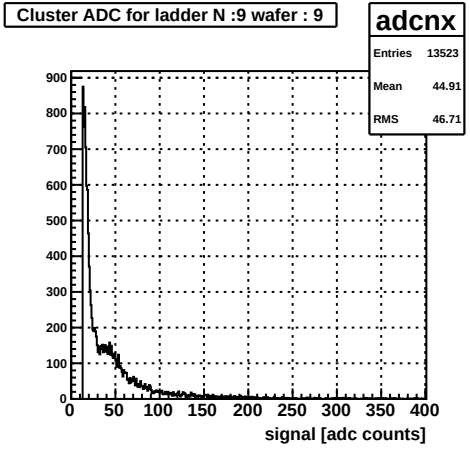

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 25010
Mean 38.61
RMS 39.58
signal [adc counts]

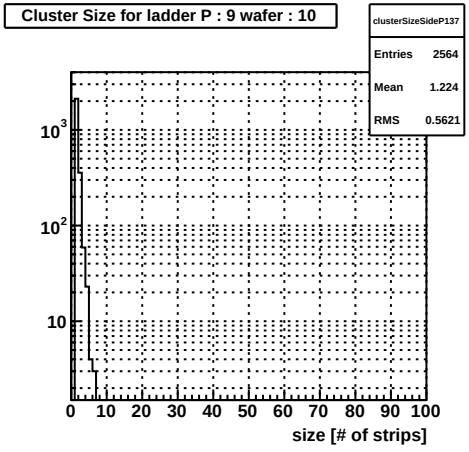

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 8967
Mean 1.19
RMS 0.5027
size [# of strips]

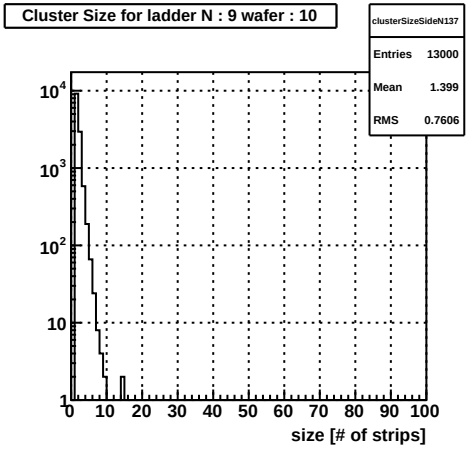

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 13523
Mean 1.293
RMS 0.6562
size [# of strips]

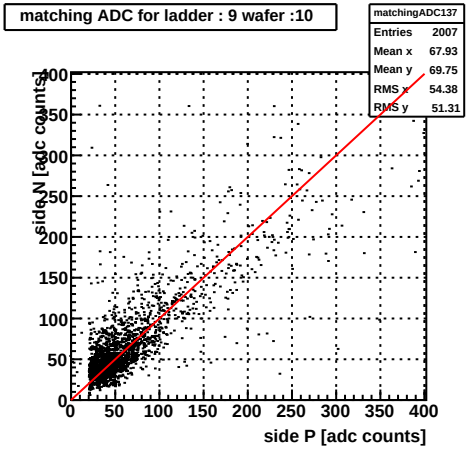

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2465
Mean x 71.99
Mean y 60.81
RMS x 56.91
RMS y 49.64
side N [adc counts]
side P [adc counts]

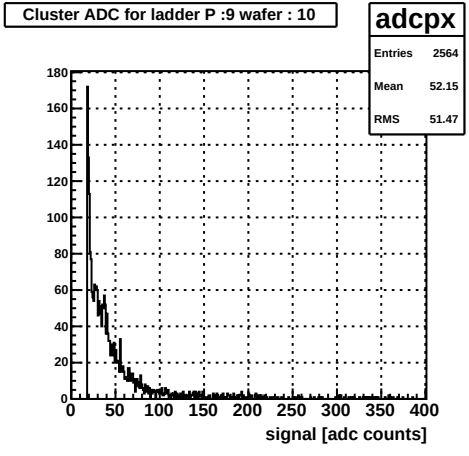

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 8967
Mean 43.14
RMS 40.88
signal [adc counts]

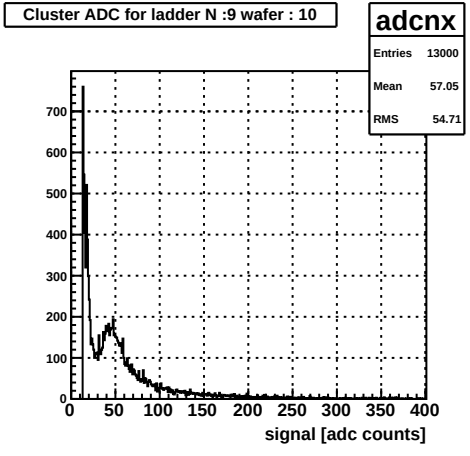

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 13523
Mean 44.91
RMS 46.71
signal [adc counts]

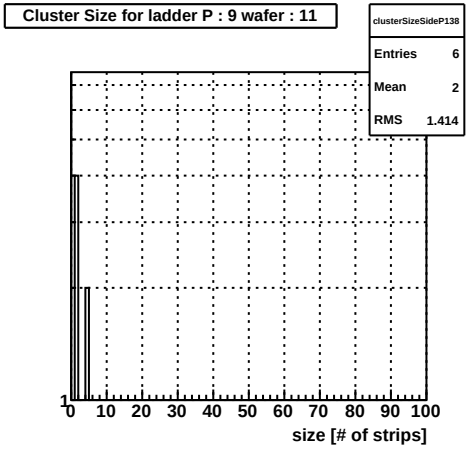

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2564
Mean 1.224
RMS 0.5621
size [# of strips]

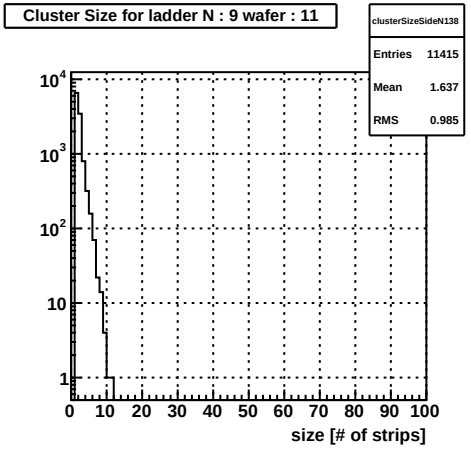

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13000
Mean 1.399
RMS 0.7606
size [# of strips]

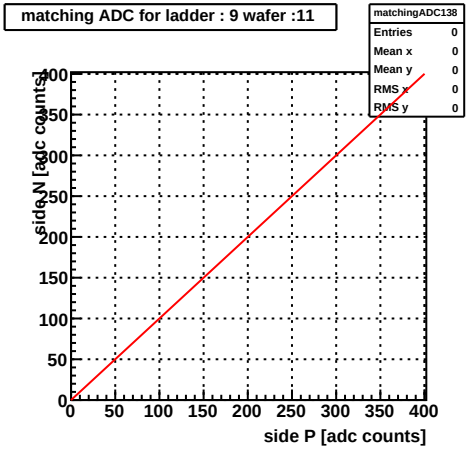

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2007
Mean x 67.93
Mean y 69.75
RMS x 54.38
RMS y 51.31
side N [adc counts]
side P [adc counts]

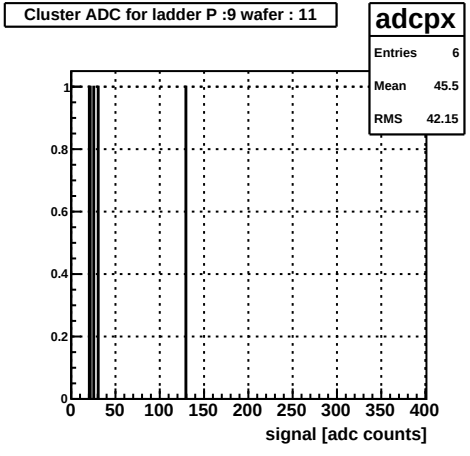

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2564
Mean 52.15
RMS 51.47
signal [adc counts]

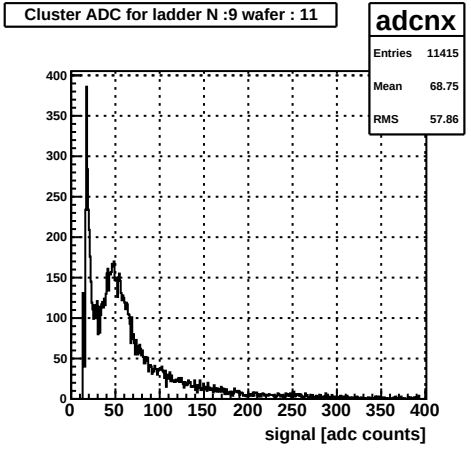

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13000
Mean 57.05
RMS 54.71
signal [adc counts]

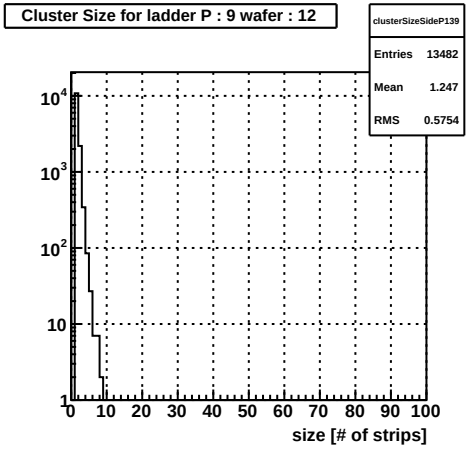

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 6
Mean 2
RMS 1.414
size [# of strips]

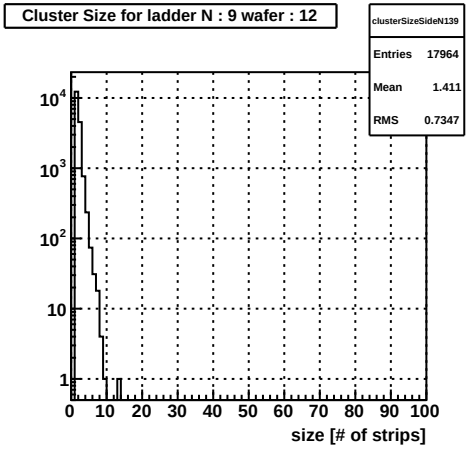

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11415
Mean 1.637
RMS 0.985
size [# of strips]

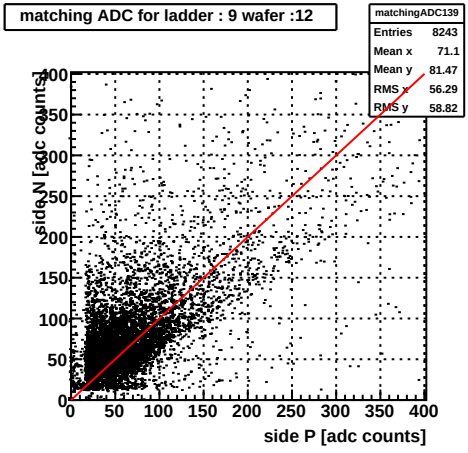

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

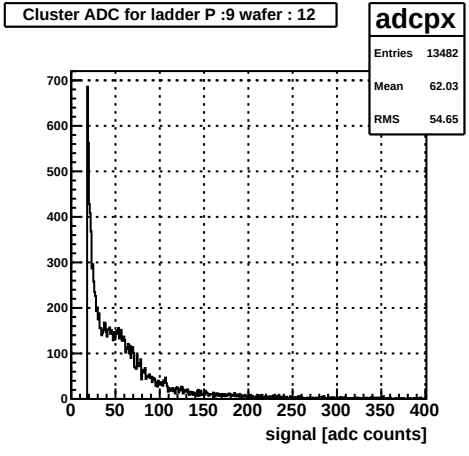

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 6
Mean 45.5
RMS 42.15
signal [adc counts]

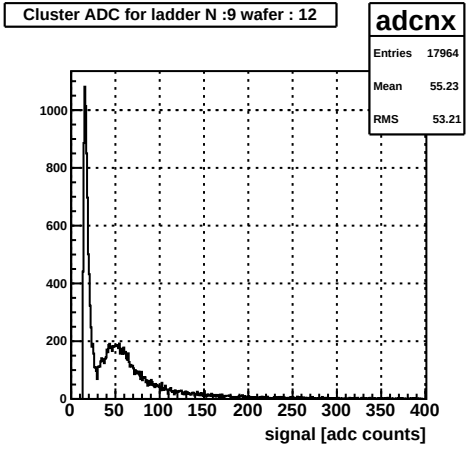

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11415
Mean 68.75
RMS 57.86
signal [adc counts]

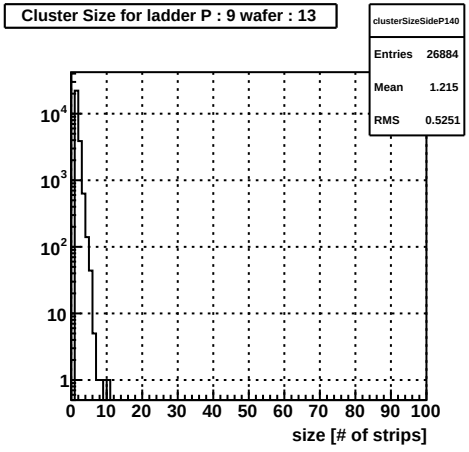

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 13482
Mean 1.247
RMS 0.5754
size [# of strips]

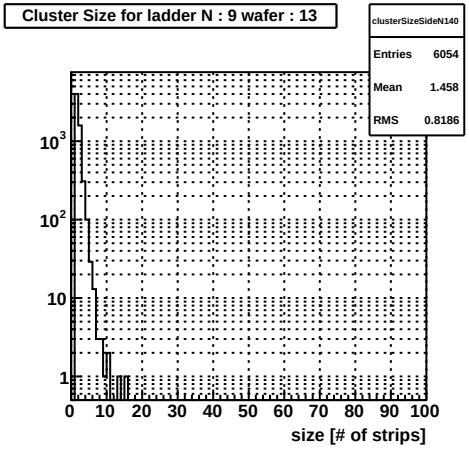

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 17964
Mean 1.411
RMS 0.7347
size [# of strips]

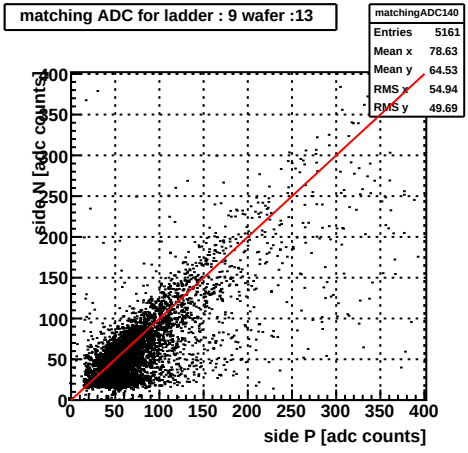

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 8243
Mean x 71.1
Mean y 81.47
RMS x 56.29
RMS y 58.82
side N [adc counts]
side P [adc counts]

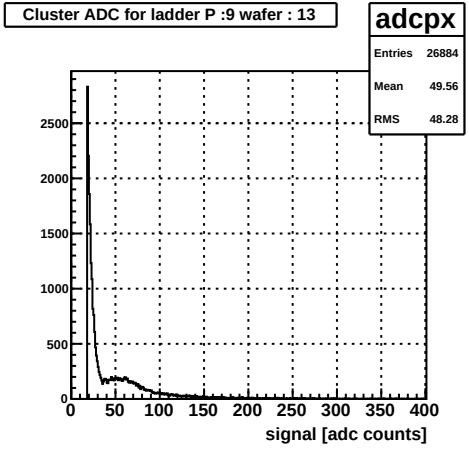

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 13482
Mean 62.03
RMS 54.65
signal [adc counts]

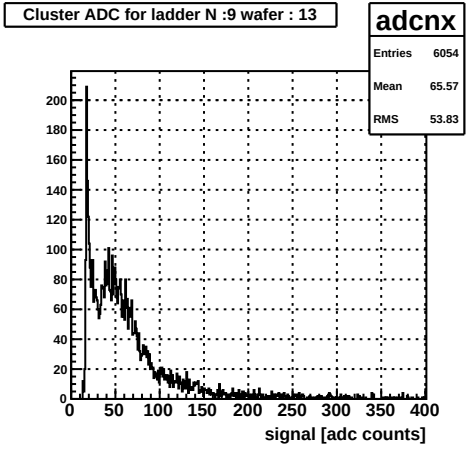

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 17964
Mean 55.23
RMS 53.21
signal [adc counts]

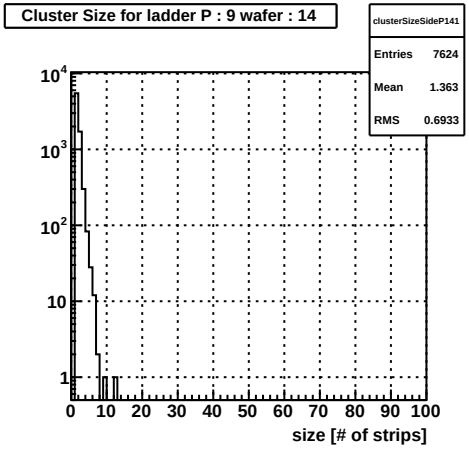

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 26884
Mean 1.215
RMS 0.5251
size [# of strips]

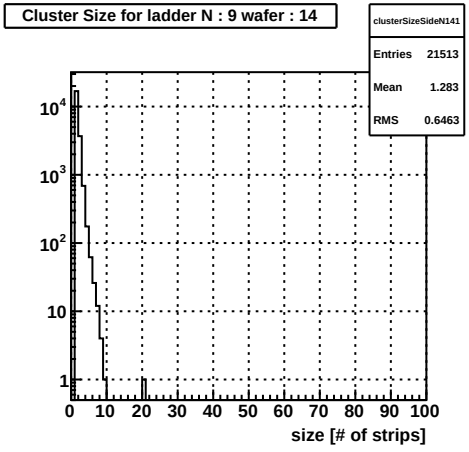

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6054
Mean 1.458
RMS 0.8186
size [# of strips]

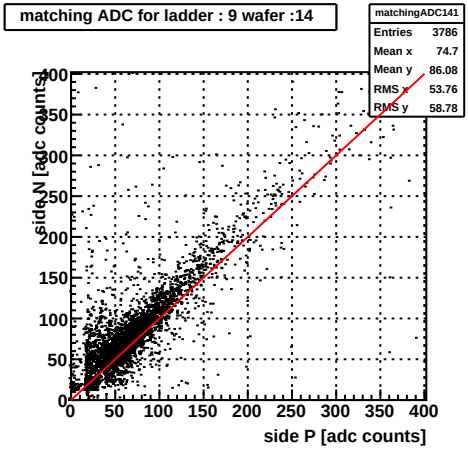

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5161
Mean x 78.63
Mean y 64.53
RMS x 54.94
RMS y 49.69
side N [adc counts]
side P [adc counts]

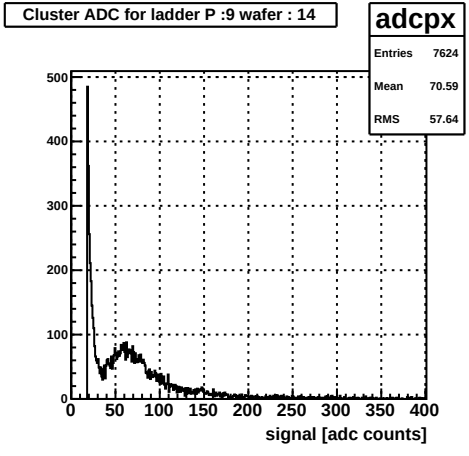

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 26884
Mean 49.56
RMS 48.28
signal [adc counts]

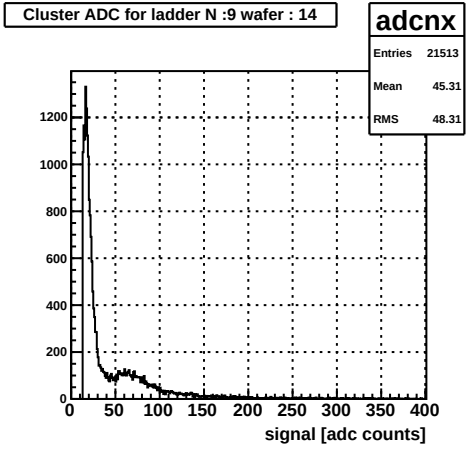

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6054
Mean 65.57
RMS 53.83
signal [adc counts]

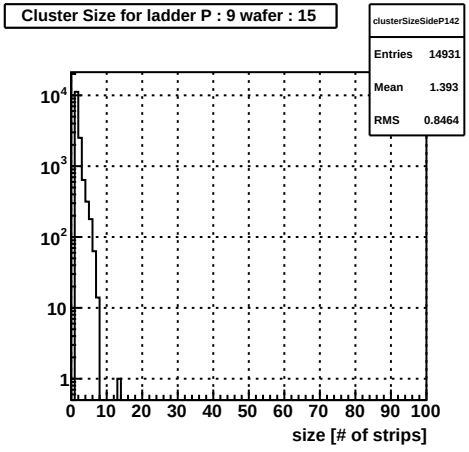

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 7624
Mean 1.363
RMS 0.6933
size [# of strips]

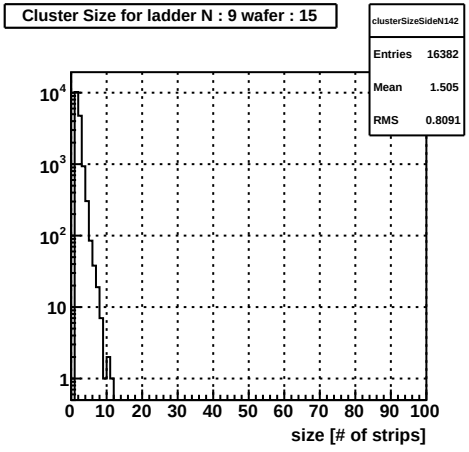

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 21513
Mean 1.283
RMS 0.6463
size [# of strips]

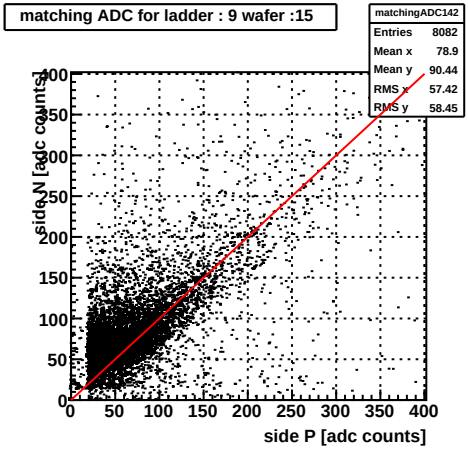

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3786
Mean x 74.7
Mean y 86.08
RMS x 53.76
RMS y 58.78
side N [adc counts]
side P [adc counts]

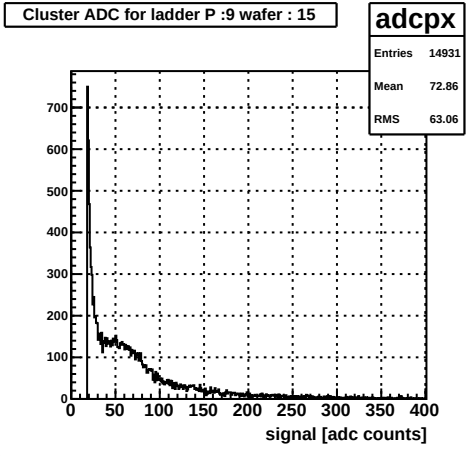

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 7624
Mean 70.59
RMS 57.64
signal [adc counts]

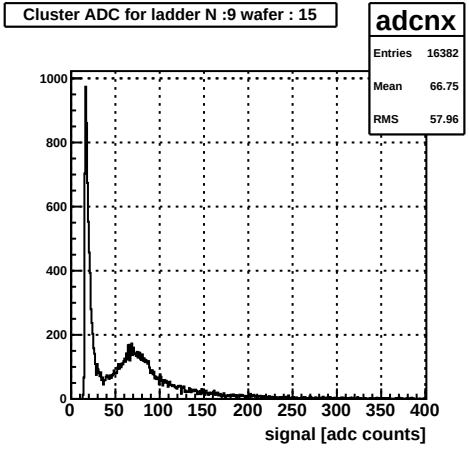

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 21513
Mean 45.31
RMS 48.31
signal [adc counts]

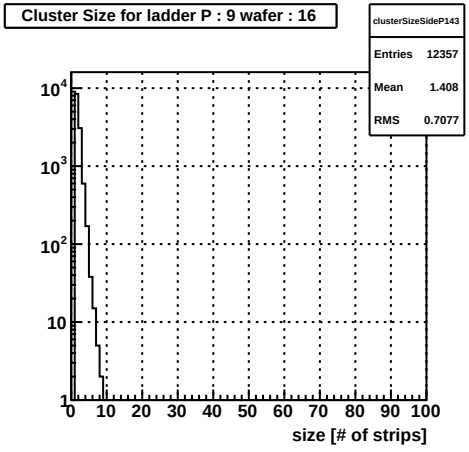

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 14931
Mean 1.393
RMS 0.8464
size [# of strips]

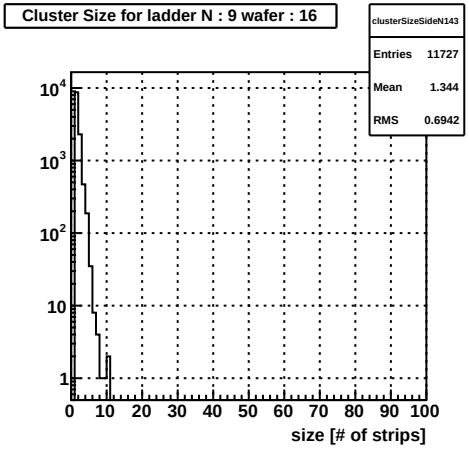

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 16382
Mean 1.505
RMS 0.8091
size [# of strips]

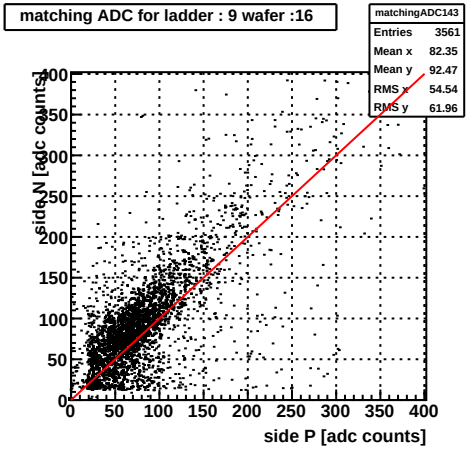

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8082
Mean x 78.9
Mean y 90.44
RMS x 57.42
RMS y 58.45
side N [adc counts]
side P [adc counts]

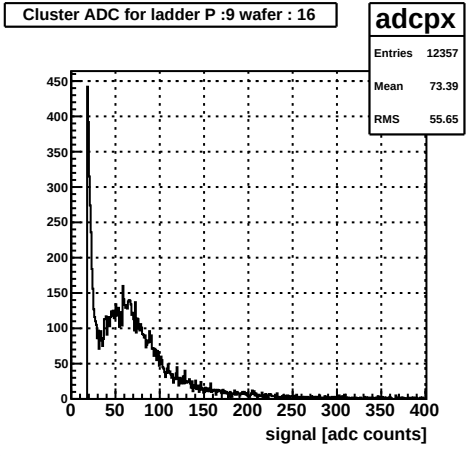

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 14931
Mean 72.86
RMS 63.06
signal [adc counts]

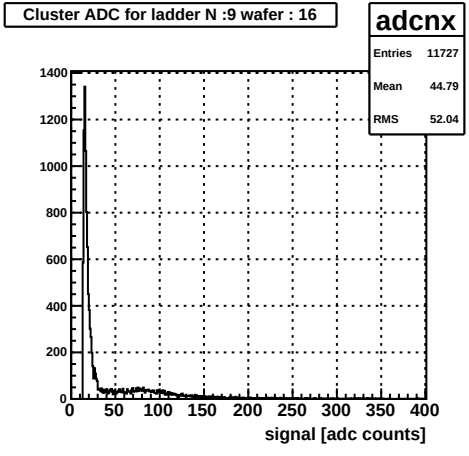

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 16382
Mean 66.75
RMS 57.96
signal [adc counts]

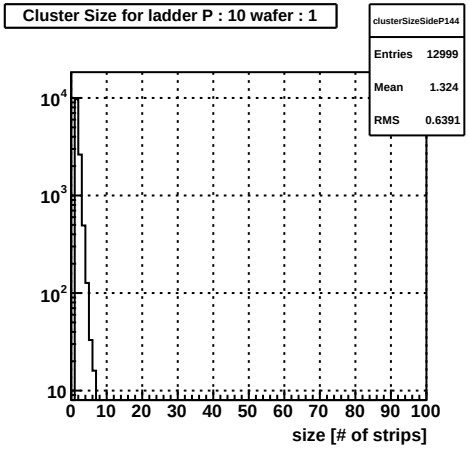

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12357
Mean 1.408
RMS 0.7077
size [# of strips]

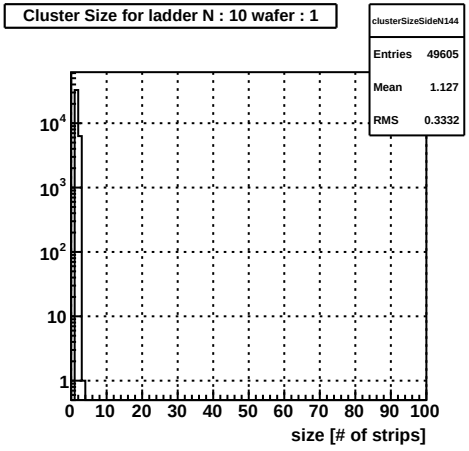

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 11727
Mean 1.344
RMS 0.6942
size [# of strips]

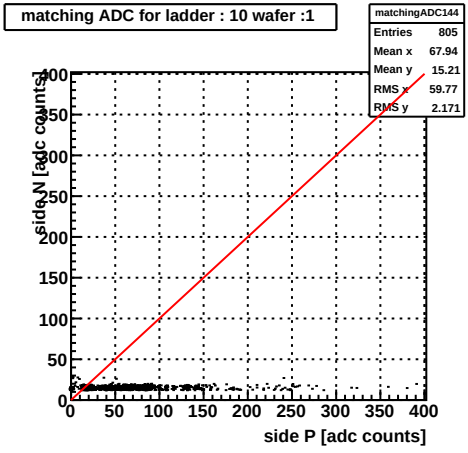

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3561
Mean x 82.35
Mean y 92.47
RMS x 54.54
RMS y 61.96
side N [adc counts]
side P [adc counts]

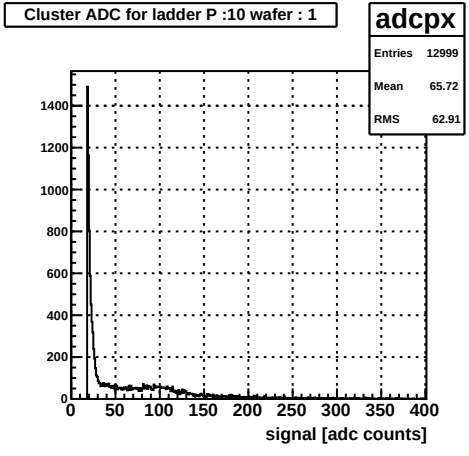

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12357
Mean 73.39
RMS 55.65
signal [adc counts]

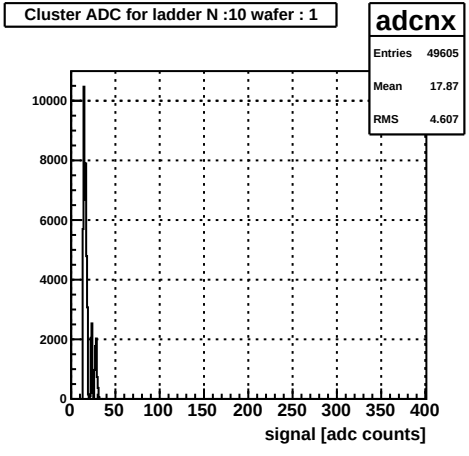

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 11727
Mean 44.79
RMS 52.04
signal [adc counts]

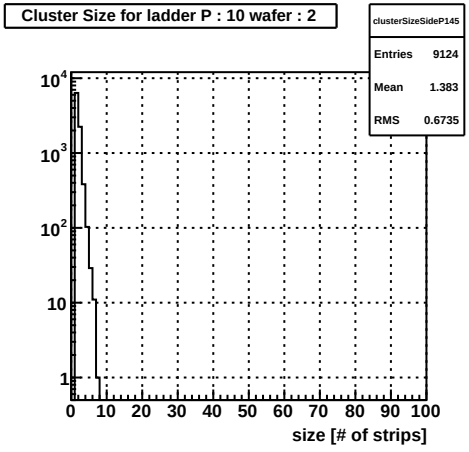

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 12999
Mean 1.324
RMS 0.6391
size [# of strips]

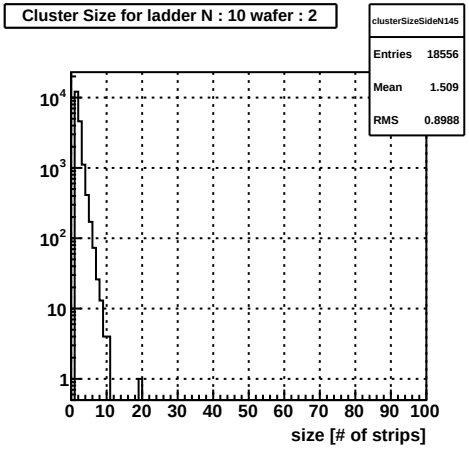

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 49605
Mean 1.127
RMS 0.3332
size [# of strips]

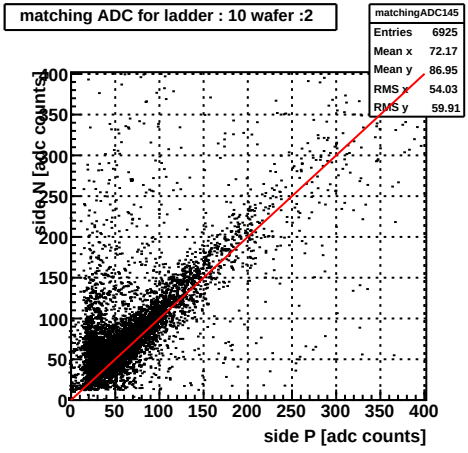

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 805
Mean x 67.94
Mean y 15.21
RMS x 59.77
RMS y 2.171
side N [adc counts]
side P [adc counts]

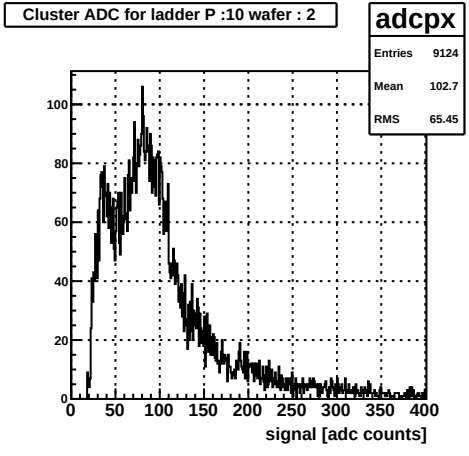

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 12999
Mean 65.72
RMS 62.91
signal [adc counts]

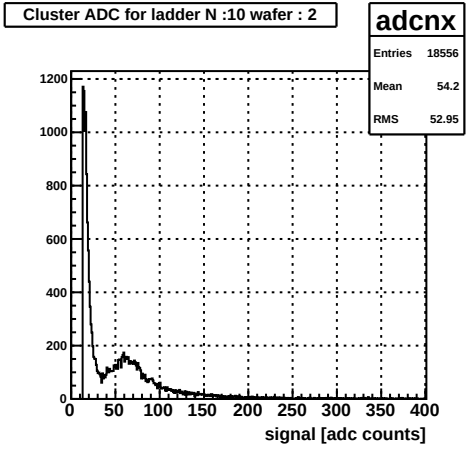

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 49605
Mean 17.87
RMS 4.607
signal [adc counts]

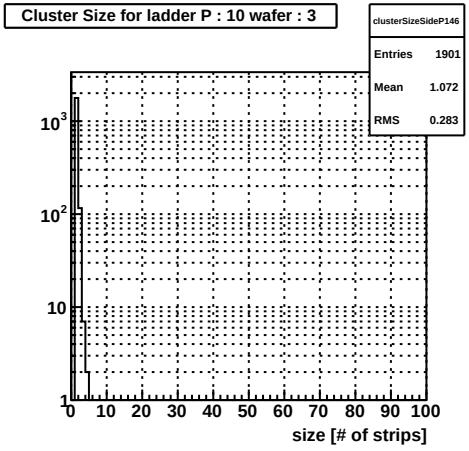

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 9124
Mean 1.383
RMS 0.6735
size [# of strips]

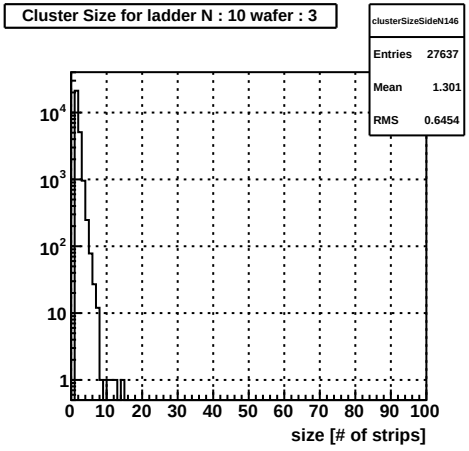

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 18556
Mean 1.509
RMS 0.8988
size [# of strips]

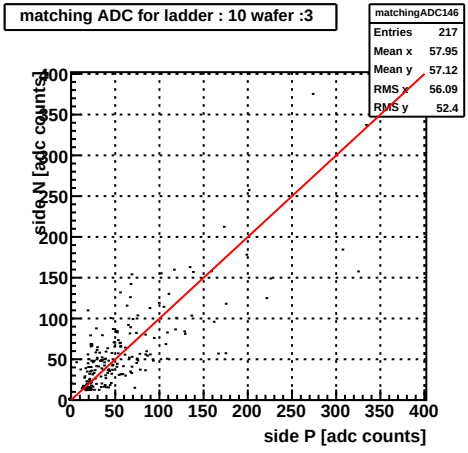

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6925
Mean x 72.17
Mean y 86.95
RMS x 54.03
RMS y 59.91
side N [adc counts]
side P [adc counts]

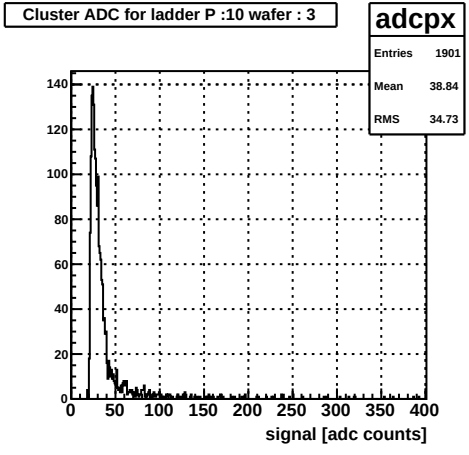

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 9124
Mean 102.7
RMS 65.45
signal [adc counts]

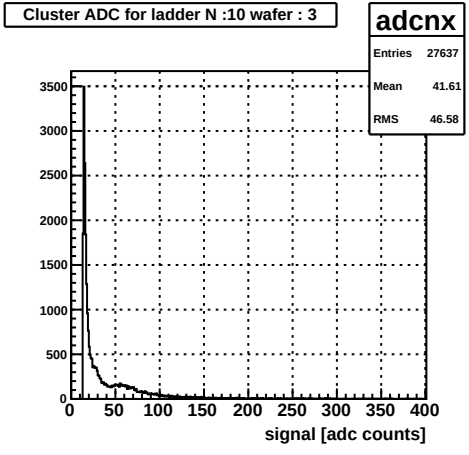

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 18556
Mean 54.2
RMS 52.95
signal [adc counts]

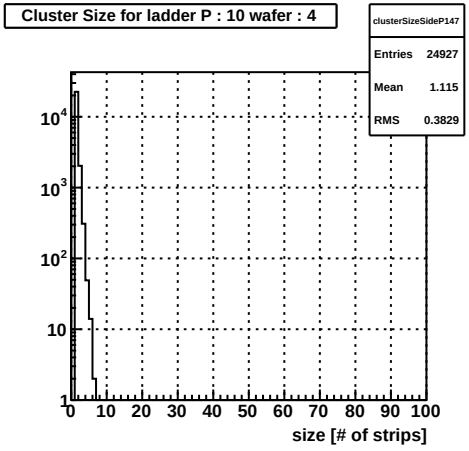

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 1901
Mean 1.072
RMS 0.283
size [# of strips]

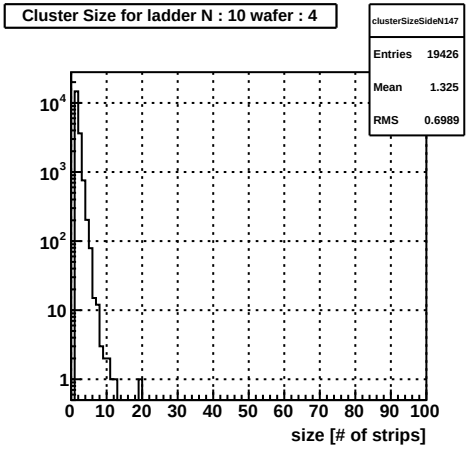

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 27637
Mean 1.301
RMS 0.6454
size [# of strips]

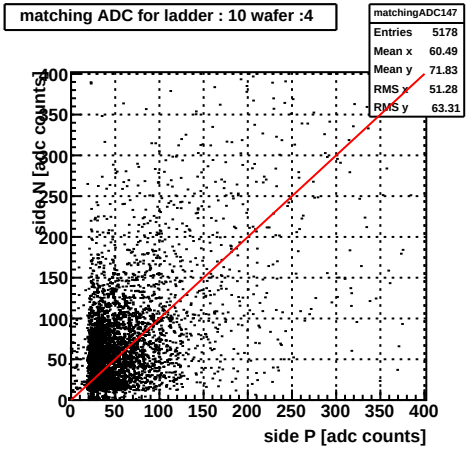

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 217
Mean x 57.95
Mean y 57.12
RMS x 56.09
RMS y 52.4
side N [adc counts]
side P [adc counts]

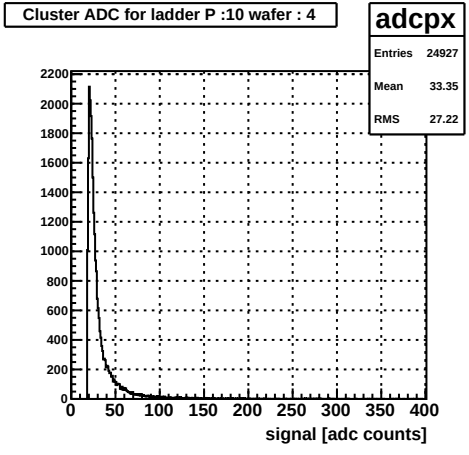

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 1901
Mean 38.84
RMS 34.73
signal [adc counts]

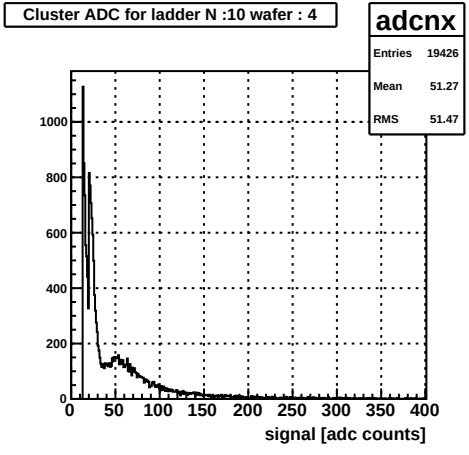

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 27637
Mean 41.61
RMS 46.58
signal [adc counts]

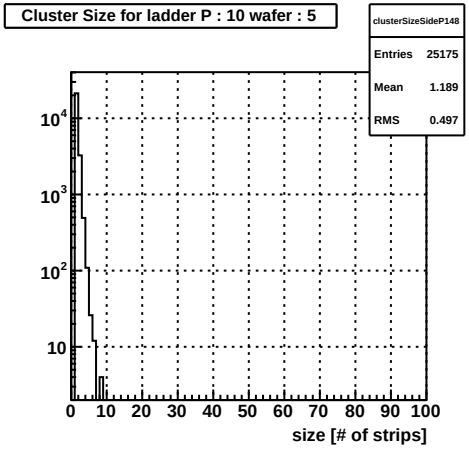

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 24927
Mean 1.115
RMS 0.3829
size [# of strips]

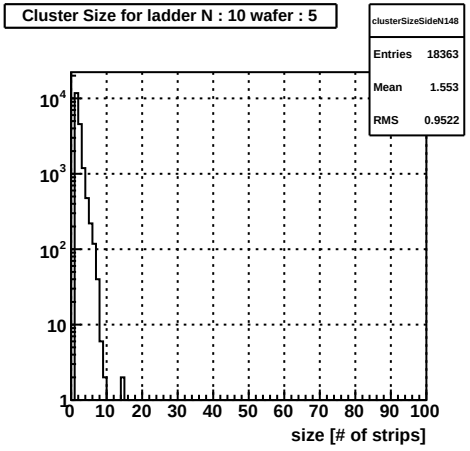

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19426
Mean 1.325
RMS 0.6989
size [# of strips]

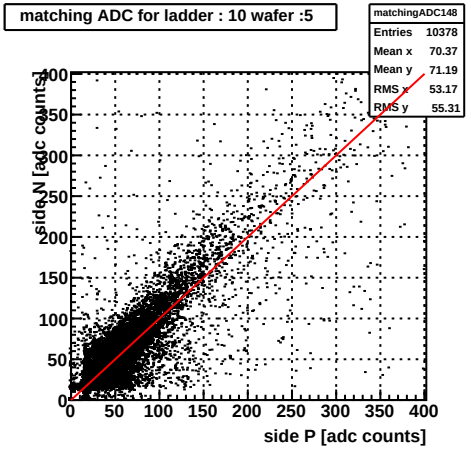

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 5178
Mean x 60.49
Mean y 71.83
RMS x 51.28
RMS y 63.31
side N [adc counts]
side P [adc counts]

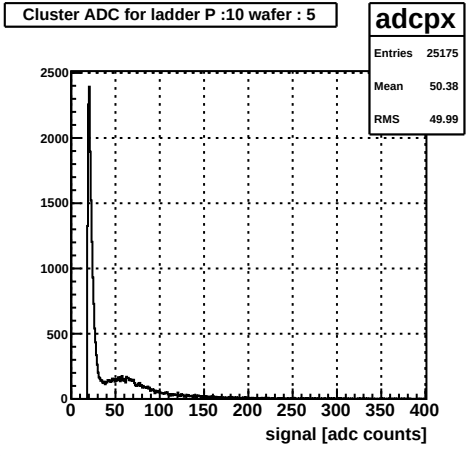

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 24927
Mean 33.35
RMS 27.22
signal [adc counts]

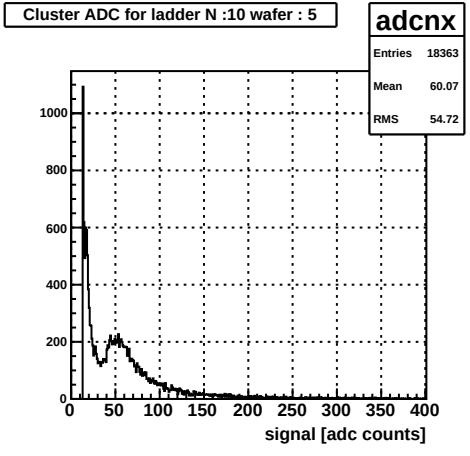

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19426
Mean 51.27
RMS 51.47
signal [adc counts]

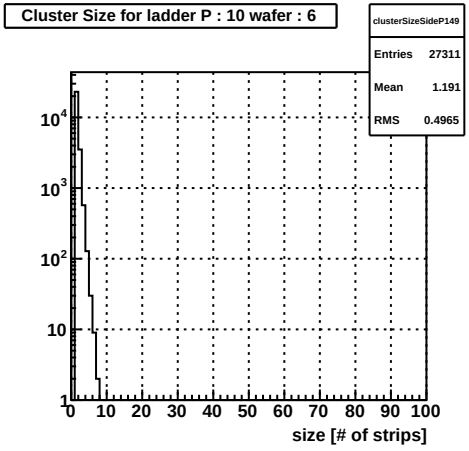

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 25175
Mean 1.189
RMS 0.497
size [# of strips]

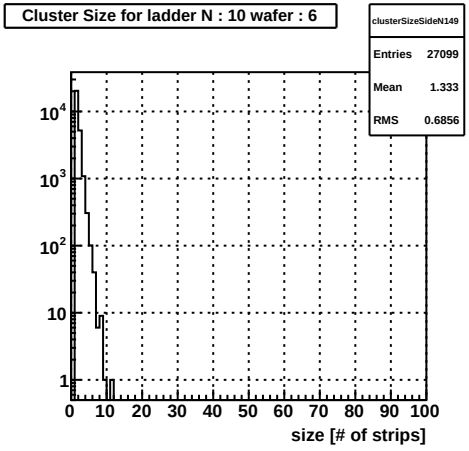

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 18363
Mean 1.553
RMS 0.9522
size [# of strips]

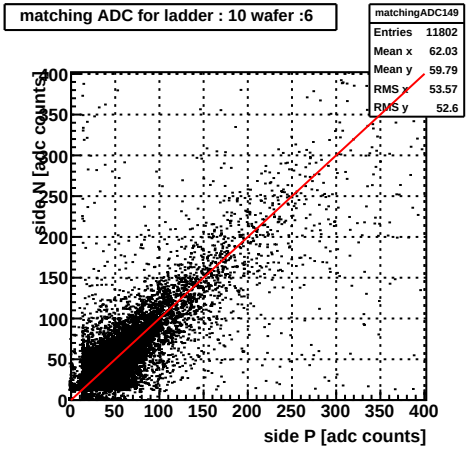

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 10378
Mean x 70.37
Mean y 71.19
RMS x 53.17
RMS y 55.31
side N [adc counts]
side P [adc counts]

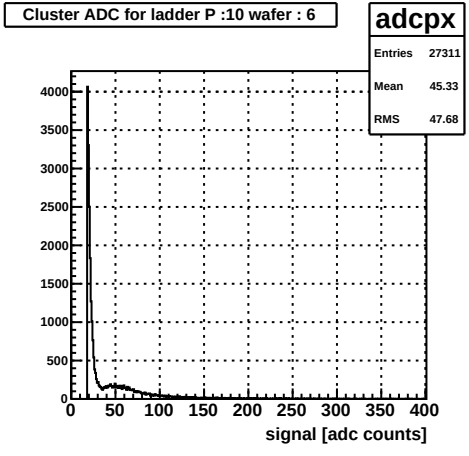

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 25175
Mean 50.38
RMS 49.99
signal [adc counts]

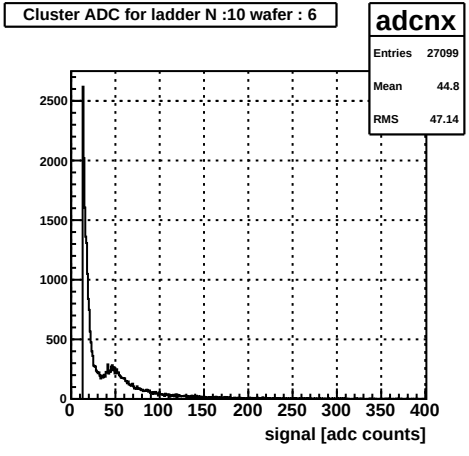

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 18363
Mean 60.07
RMS 54.72
signal [adc counts]

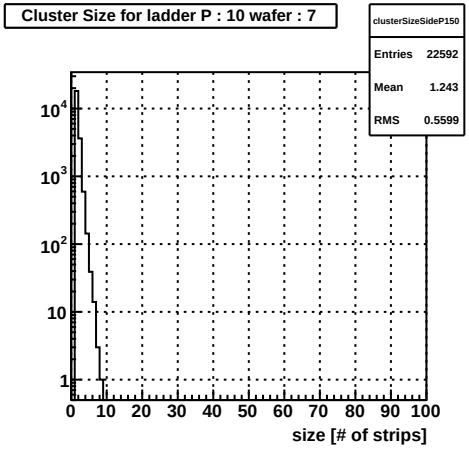

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 27311
Mean 1.191
RMS 0.4965
size [# of strips]

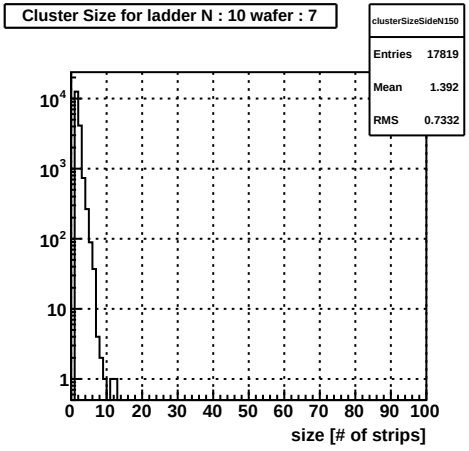

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 27099
Mean 1.333
RMS 0.6856
size [# of strips]

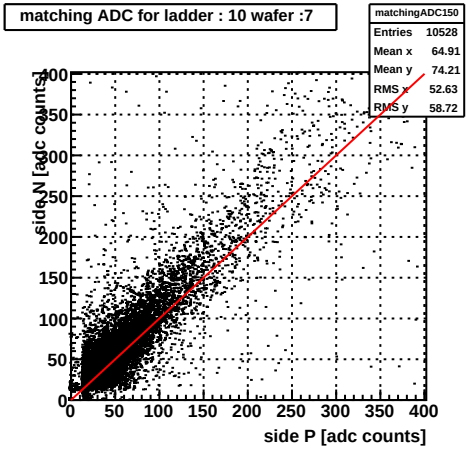

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 11802
Mean x 62.03
Mean y 59.79
RMS x 53.57
RMS y 52.6
side N [adc counts]
side P [adc counts]

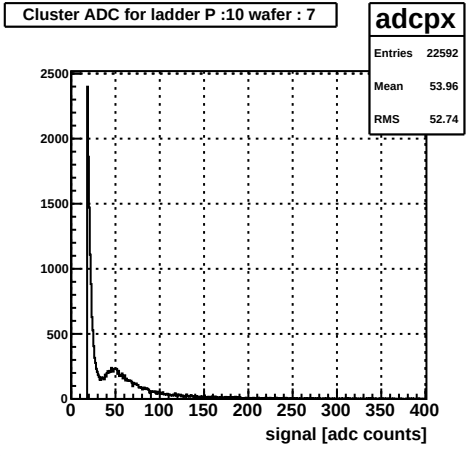

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 27311
Mean 45.33
RMS 47.68
signal [adc counts]

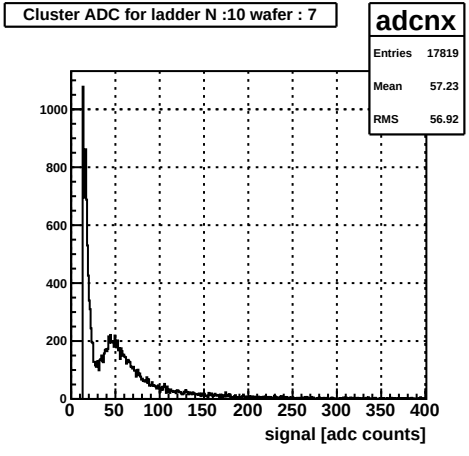

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 27099
Mean 44.8
RMS 47.14
signal [adc counts]

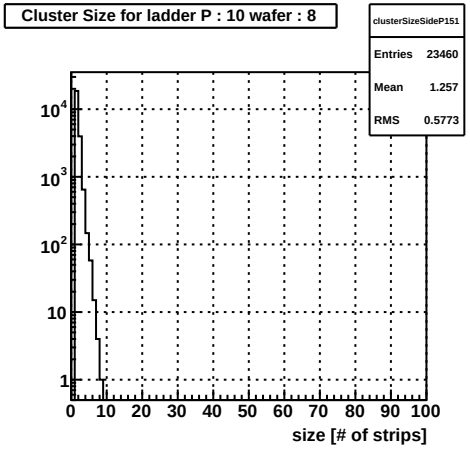

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 22592
Mean 1.243
RMS 0.5599
size [# of strips]

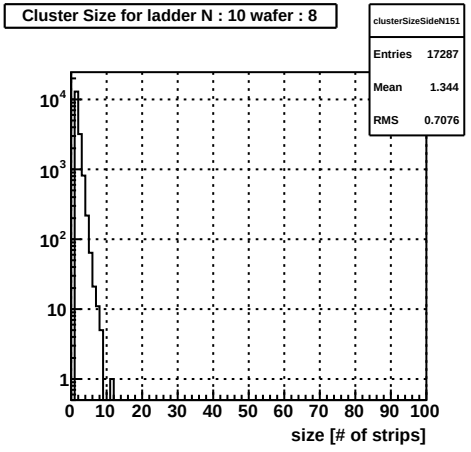

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 17819
Mean 1.392
RMS 0.7332
size [# of strips]

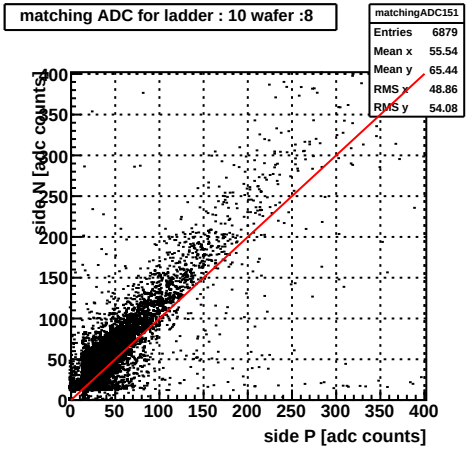

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 10528
Mean x 64.91
Mean y 74.21
RMS x 52.63
RMS y 58.72
side N [adc counts]
side P [adc counts]

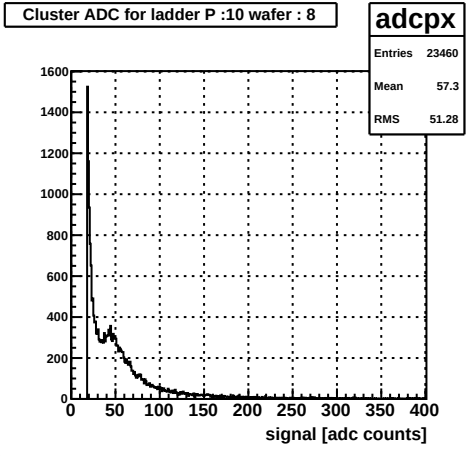

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 22592
Mean 53.96
RMS 52.74
signal [adc counts]

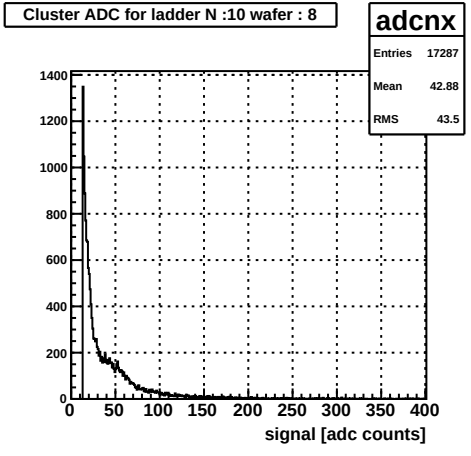

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 17819
Mean 57.23
RMS 56.92
signal [adc counts]

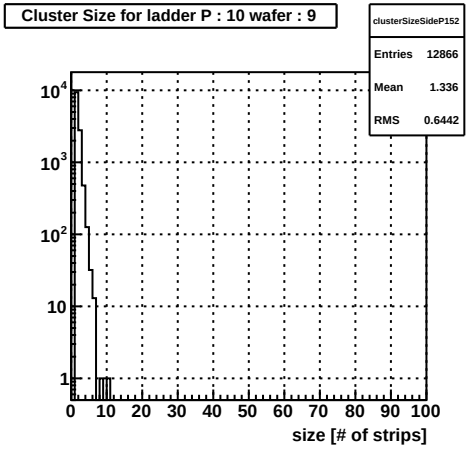

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 23460
Mean 1.257
RMS 0.5773
size [# of strips]

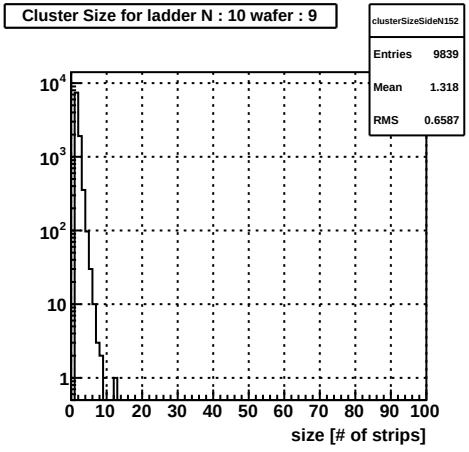

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 17287
Mean 1.344
RMS 0.7076
size [# of strips]

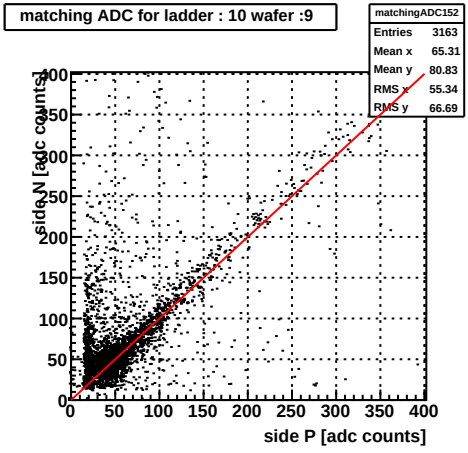

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 6879
Mean x 55.54
Mean y 65.44
RMS x 48.86
RMS y 54.08
side N [adc counts]
side P [adc counts]

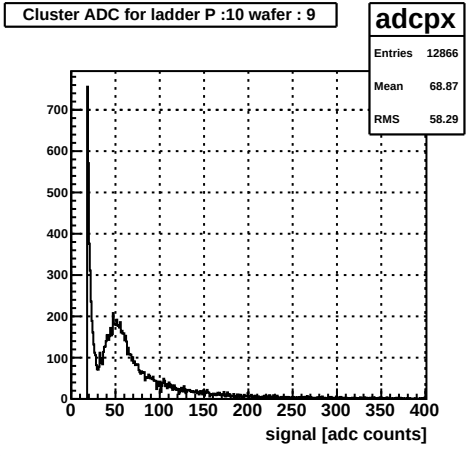

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 23460
Mean 57.3
RMS 51.28
signal [adc counts]

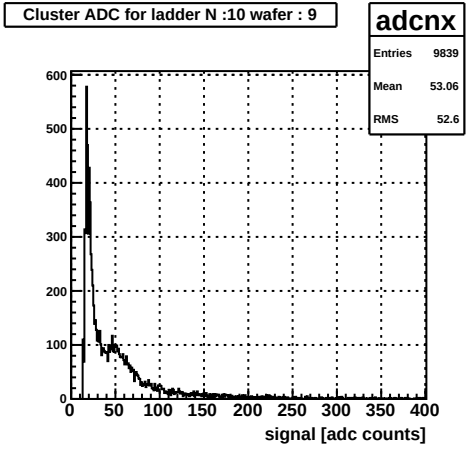

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 17287
Mean 42.88
RMS 43.5
signal [adc counts]

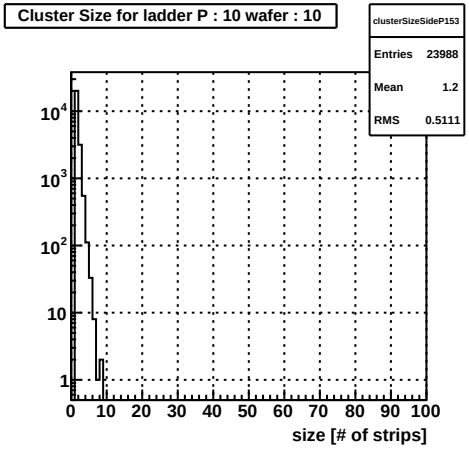

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 12866
Mean 1.336
RMS 0.6442
size [# of strips]

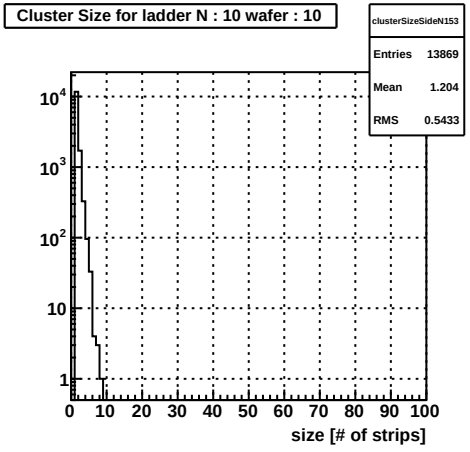

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 9839
Mean 1.318
RMS 0.6587
size [# of strips]

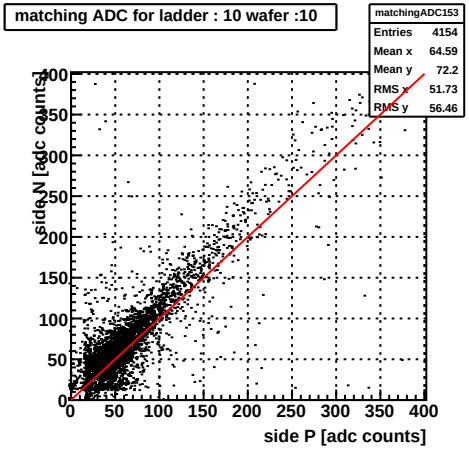

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3163
Mean x 65.31
Mean y 80.83
RMS x 55.34
RMS y 66.69
side N [adc counts]
side P [adc counts]

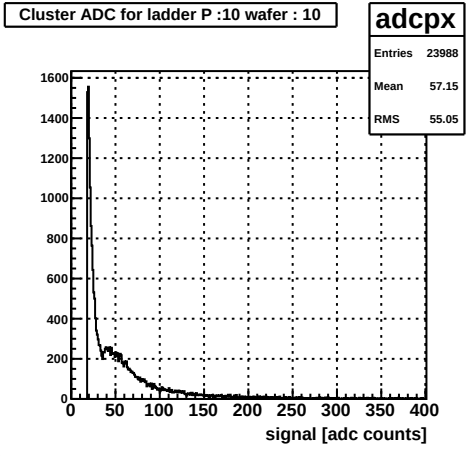

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 12866
Mean 68.87
RMS 58.29
signal [adc counts]

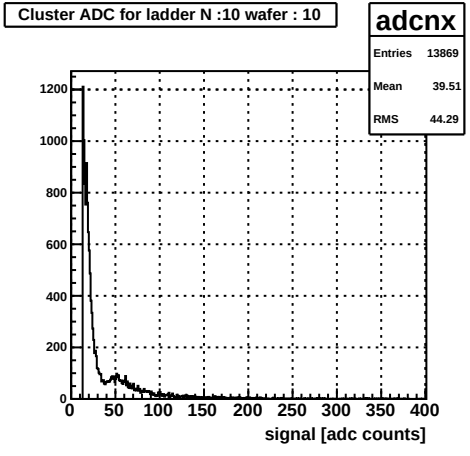

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 9839
Mean 53.06
RMS 52.6
signal [adc counts]

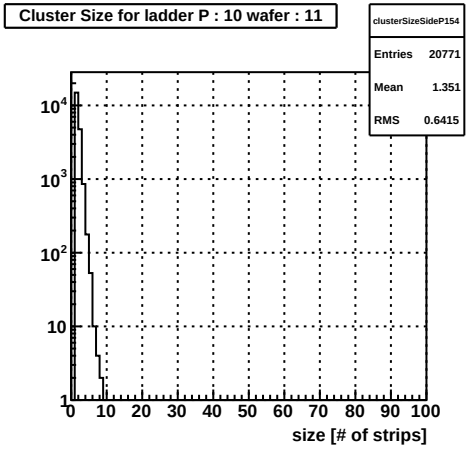

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 23988
Mean 1.2
RMS 0.5111
size [# of strips]

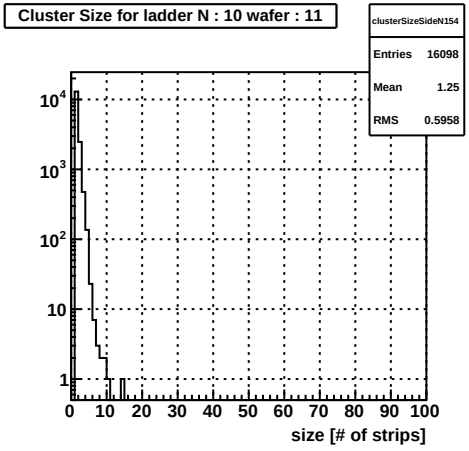

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 13869
Mean 1.204
RMS 0.5433
size [# of strips]

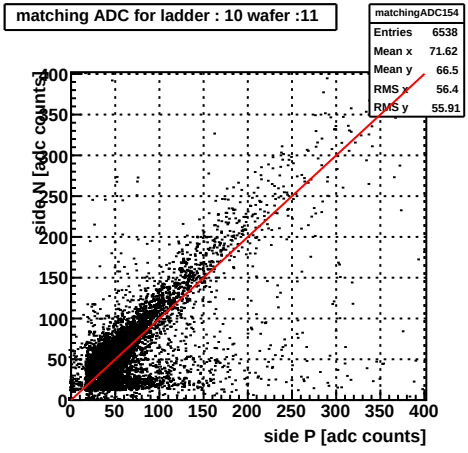

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4154
Mean x 64.59
Mean y 72.2
RMS x 51.73
RMS y 56.46
side N [adc counts]
side P [adc counts]

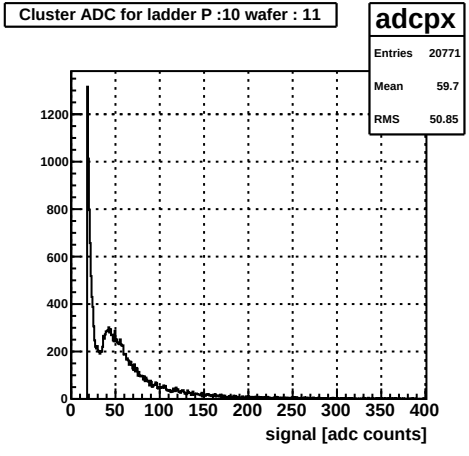

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 23988
Mean 57.15
RMS 55.05
signal [adc counts]

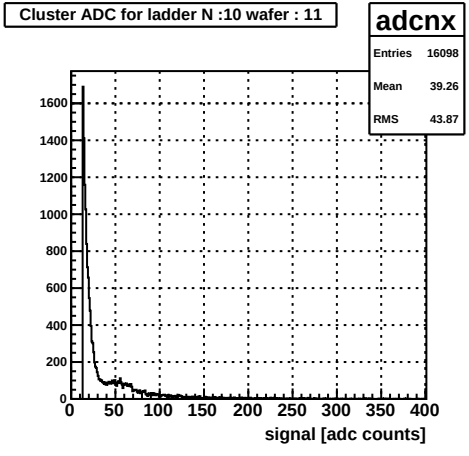

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 13869
Mean 39.51
RMS 44.29
signal [adc counts]

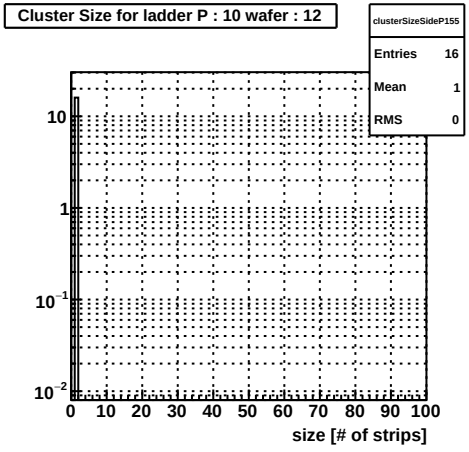

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 20771
Mean 1.351
RMS 0.6415
size [# of strips]

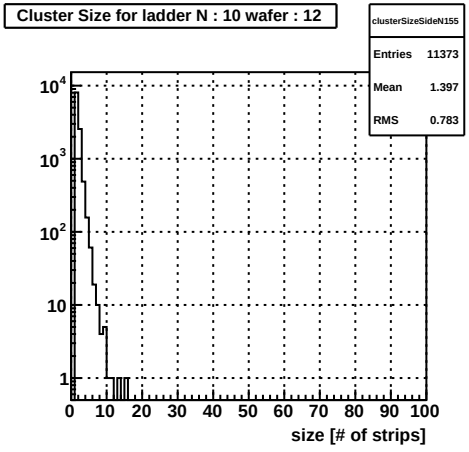

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 16098
Mean 1.25
RMS 0.5958
size [# of strips]

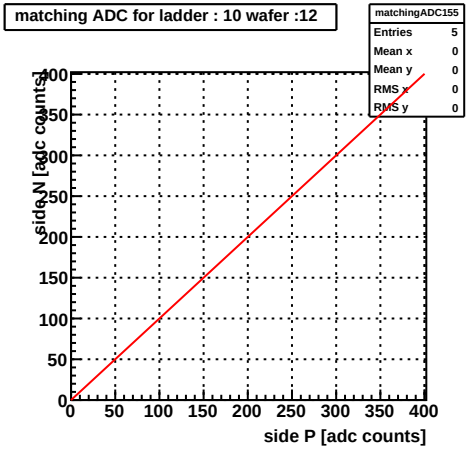

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6538
Mean x 71.62
Mean y 66.5
RMS x 56.4
RMS y 55.91
side N [adc counts]
side P [adc counts]

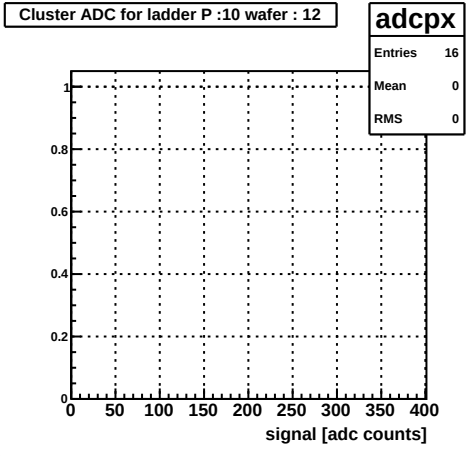

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 20771
Mean 59.7
RMS 50.85
signal [adc counts]

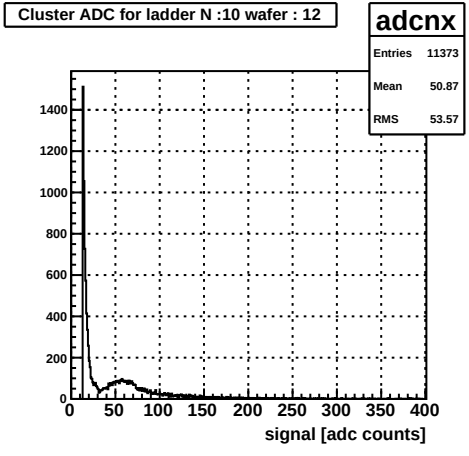

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 16098
Mean 39.26
RMS 43.87
signal [adc counts]

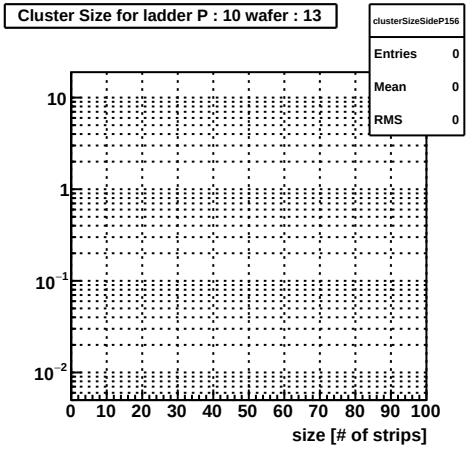

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 16
Mean 1
RMS 0
size [# of strips]

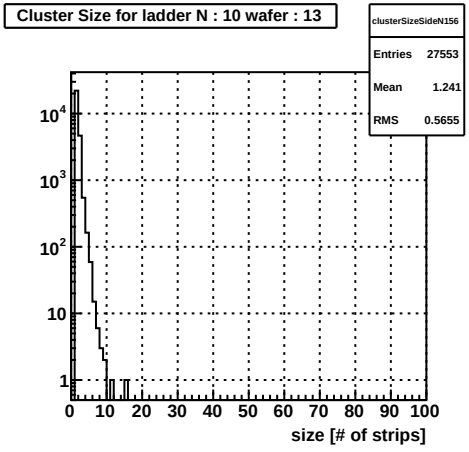

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11373
Mean 1.397
RMS 0.783
size [# of strips]

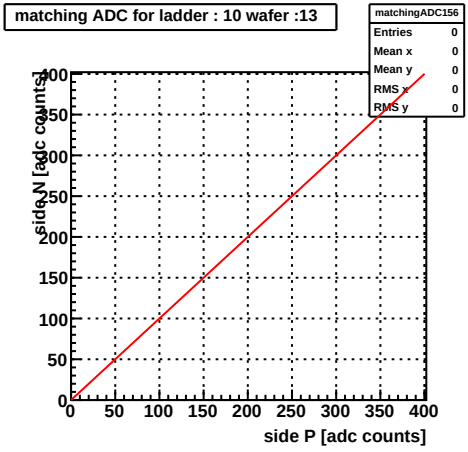

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

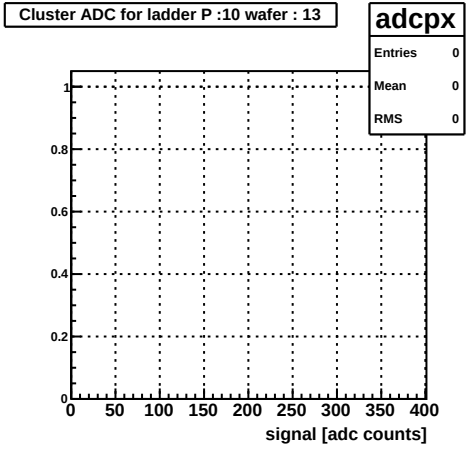

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

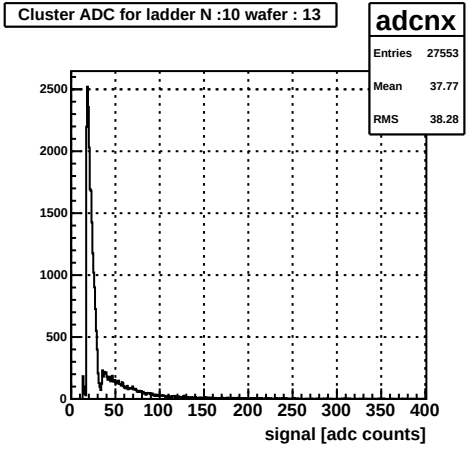

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11373
Mean 50.87
RMS 53.57
signal [adc counts]

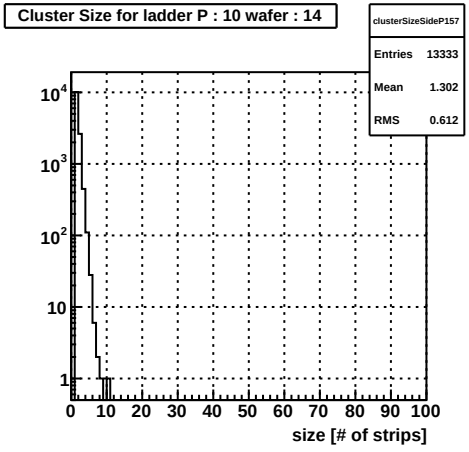

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

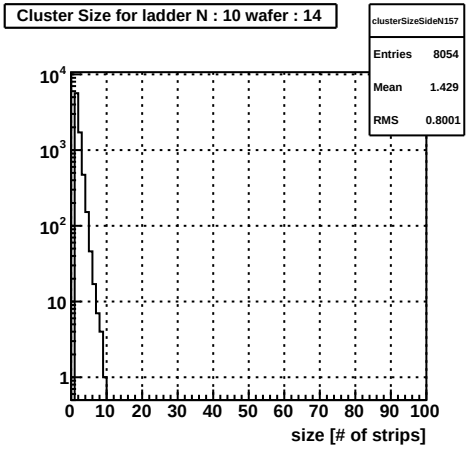

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 27553
Mean 1.241
RMS 0.5655
size [# of strips]

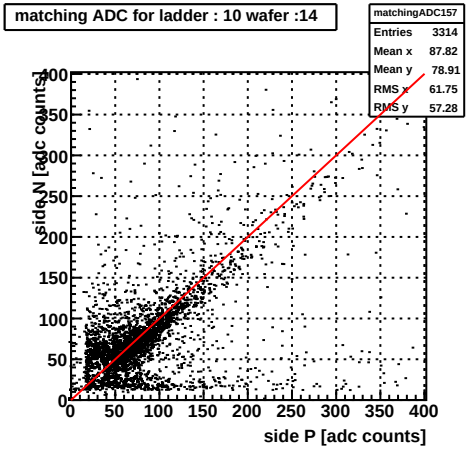

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

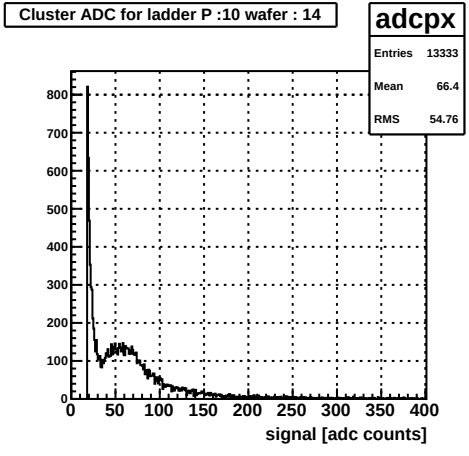

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

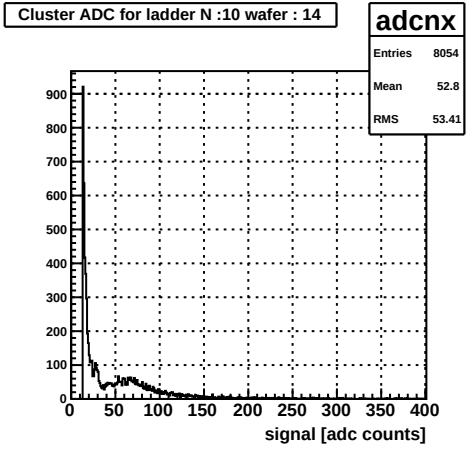

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 27553
Mean 37.77
RMS 38.28
signal [adc counts]

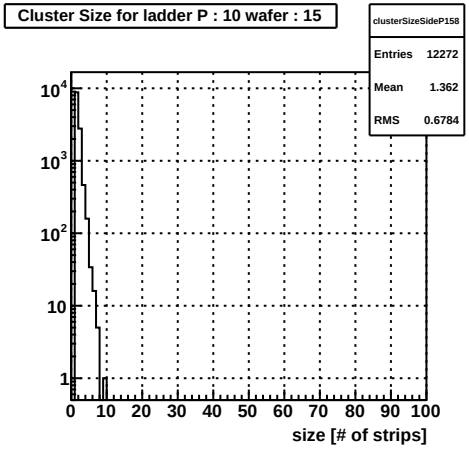

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 13333
Mean 1.302
RMS 0.612
size [# of strips]

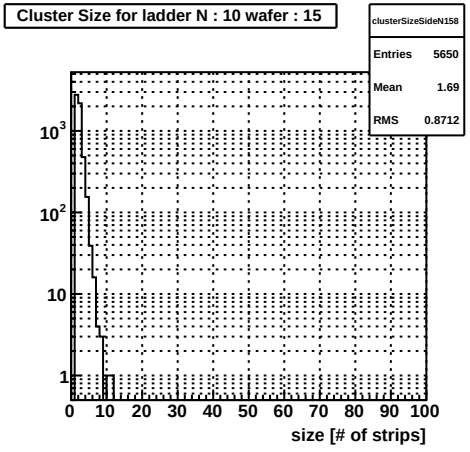

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 8054
Mean 1.429
RMS 0.8001
size [# of strips]

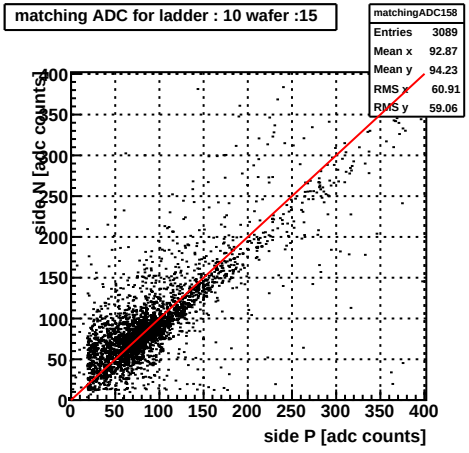

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3314
Mean x 87.82
Mean y 78.91
RMS x 61.75
RMS y 57.28
side N [adc counts]
side P [adc counts]

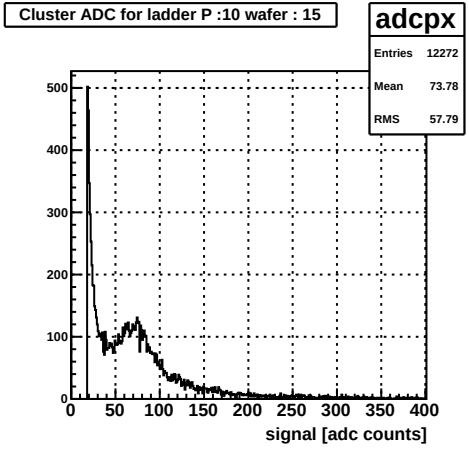

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 13333
Mean 66.4
RMS 54.76
signal [adc counts]

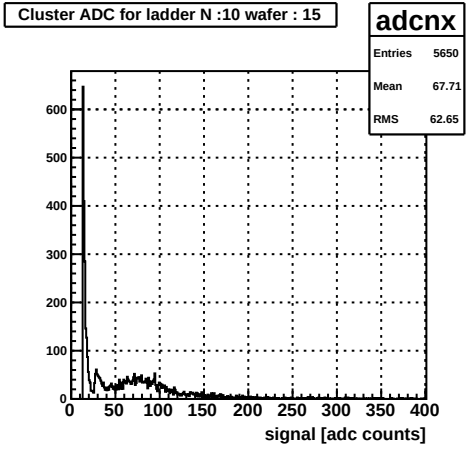

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 8054
Mean 52.8
RMS 53.41
signal [adc counts]

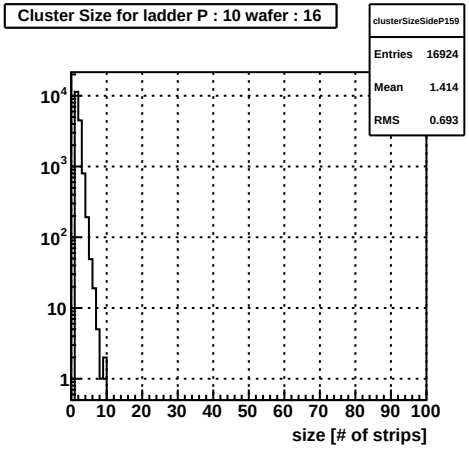

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 12272
Mean 1.362
RMS 0.6784
size [# of strips]

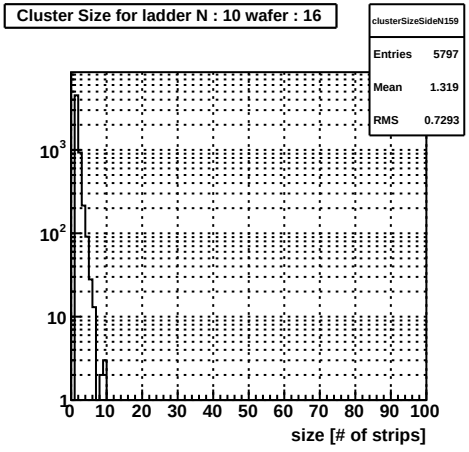

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 5650
Mean 1.69
RMS 0.8712
size [# of strips]

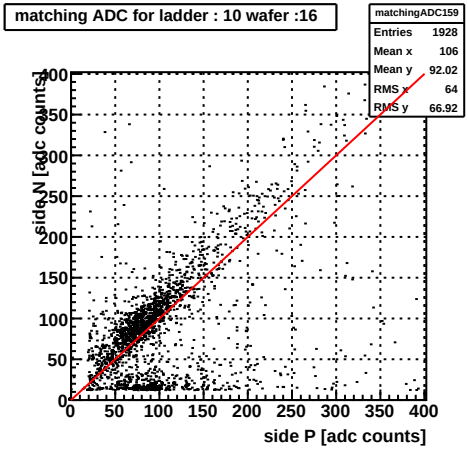

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3089
Mean x 92.87
Mean y 94.23
RMS x 60.91
RMS y 59.06
side N [adc counts]
side P [adc counts]

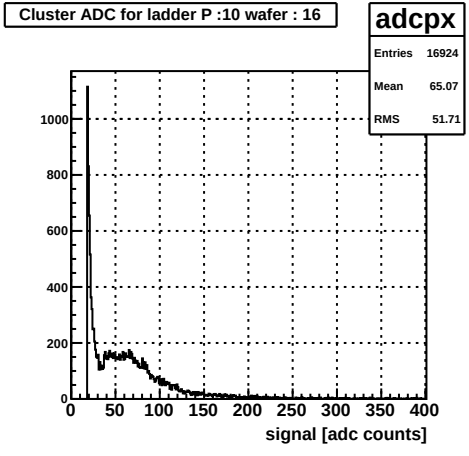

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 12272
Mean 73.78
RMS 57.79
signal [adc counts]

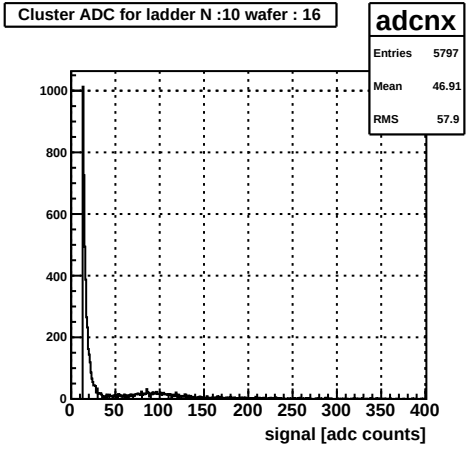

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 5650
Mean 67.71
RMS 62.65
signal [adc counts]

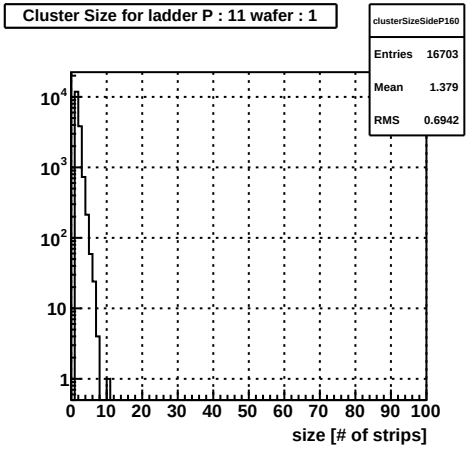

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 16924
Mean 1.414
RMS 0.693
size [# of strips]

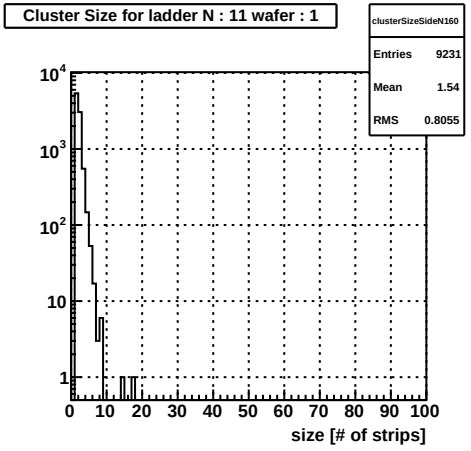

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 5797
Mean 1.319
RMS 0.7293
size [# of strips]

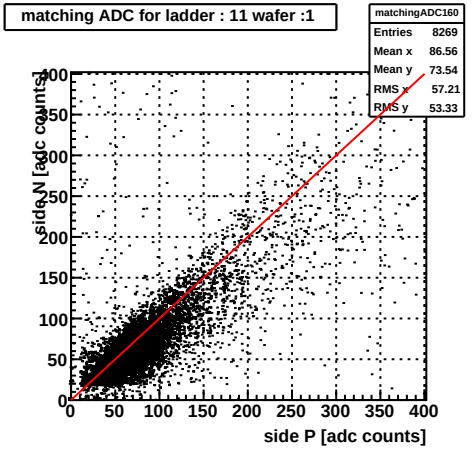

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1928
Mean x 106
Mean y 92.02
RMS x 64
RMS y 66.92
side N [adc counts]
side P [adc counts]

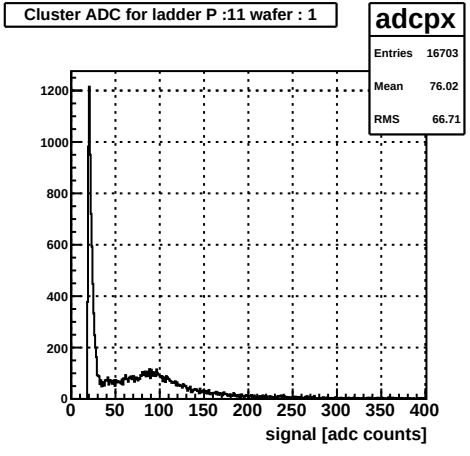

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 16924
Mean 65.07
RMS 51.71
signal [adc counts]

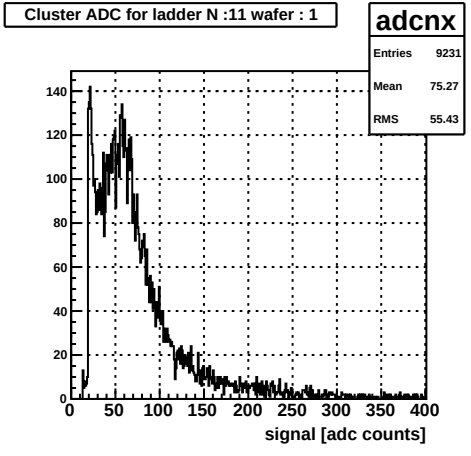

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 5797
Mean 46.91
RMS 57.9
signal [adc counts]

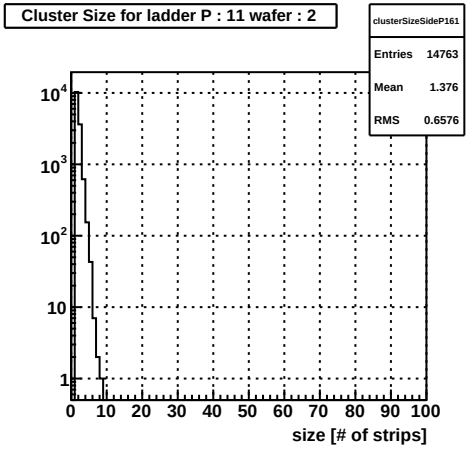

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 16703
Mean 1.379
RMS 0.6942
size [# of strips]

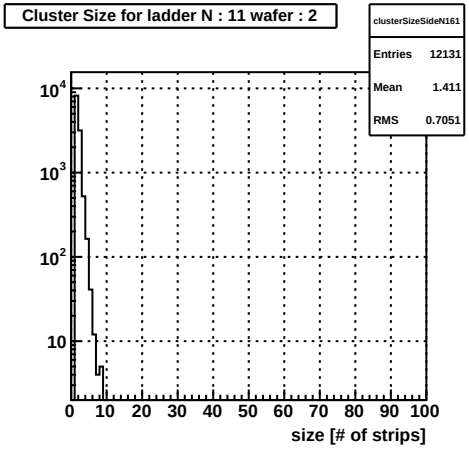

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 9231
Mean 1.54
RMS 0.8055
size [# of strips]

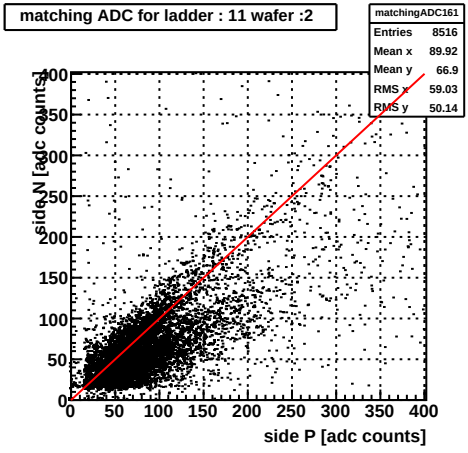

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8269
Mean x 86.56
Mean y 73.54
RMS x 57.21
RMS y 53.33
side N [adc counts]
side P [adc counts]

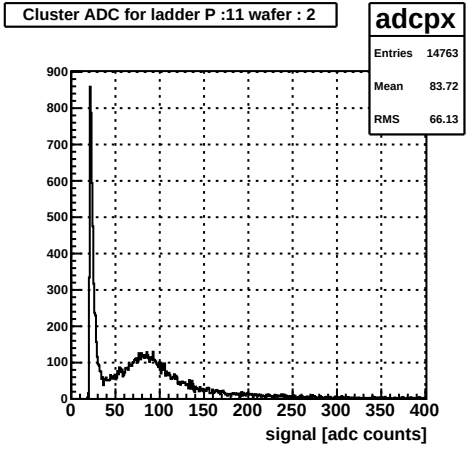

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 16703
Mean 76.02
RMS 66.71
signal [adc counts]

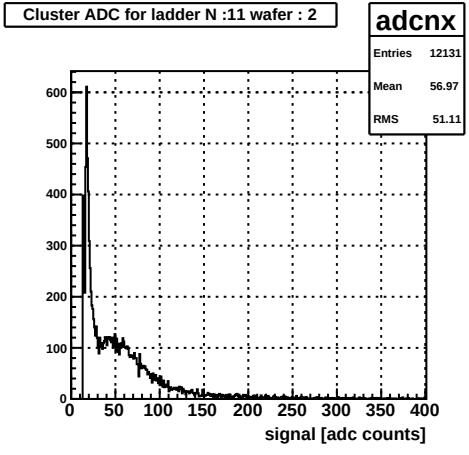

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 9231
Mean 75.27
RMS 55.43
signal [adc counts]

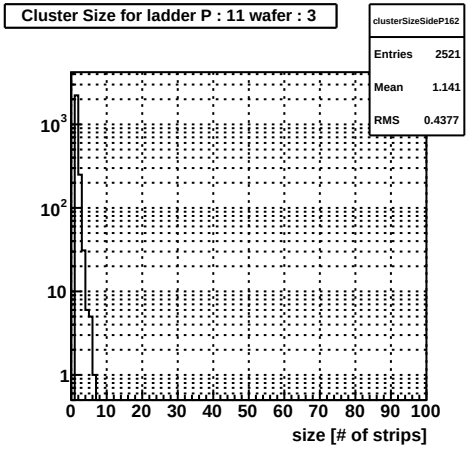

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 14763
Mean 1.376
RMS 0.6576
size [# of strips]

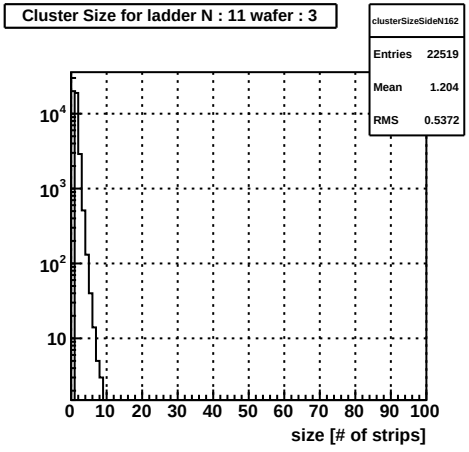

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 12131
Mean 1.411
RMS 0.7051
size [# of strips]

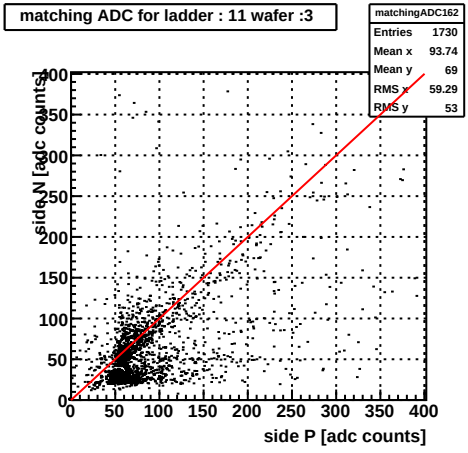

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 8516
Mean x 89.92
Mean y 66.9
RMS x 59.03
RMS y 50.14
side N [adc counts]
side P [adc counts]

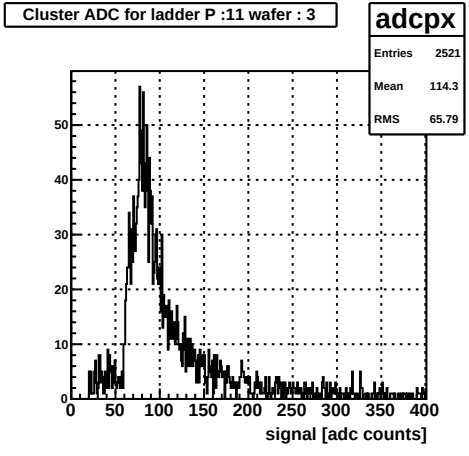

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 14763
Mean 83.72
RMS 66.13
signal [adc counts]

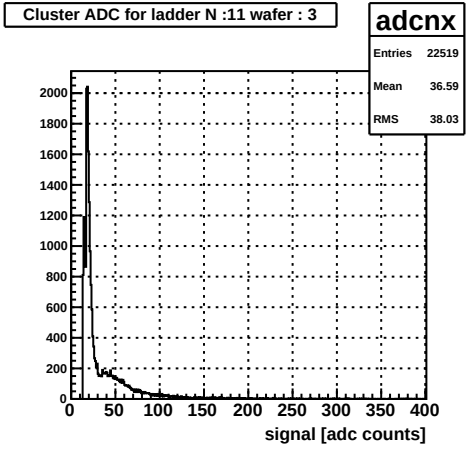

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 12131
Mean 56.97
RMS 51.11
signal [adc counts]

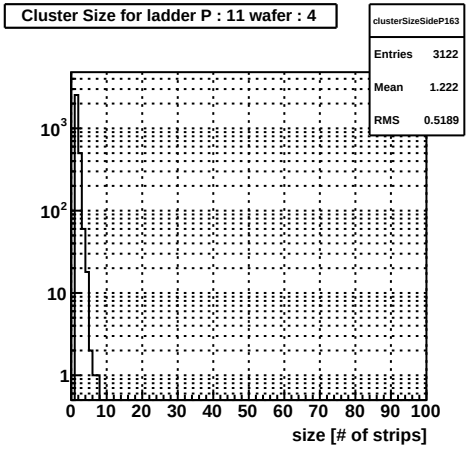

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2521
Mean 1.141
RMS 0.4377
size [# of strips]

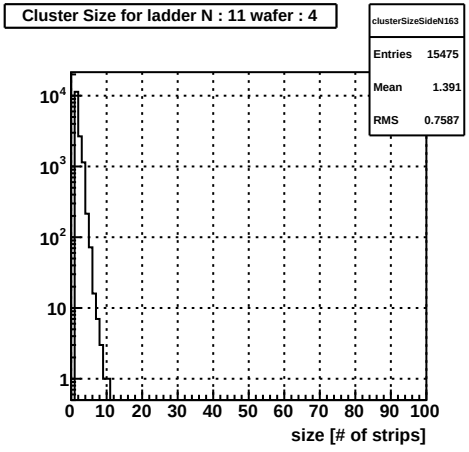

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 22519
Mean 1.204
RMS 0.5372
size [# of strips]

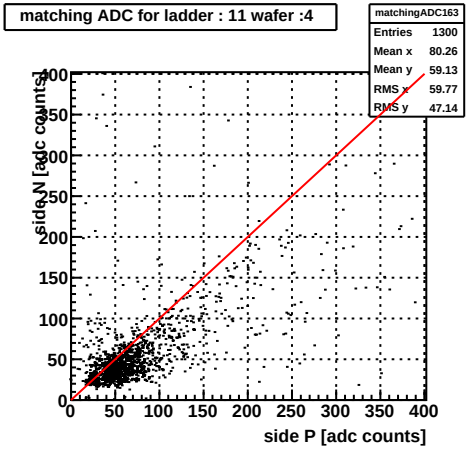

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1730
Mean x 93.74
Mean y 69
RMS x 59.29
RMS y 53
side N [adc counts]
side P [adc counts]

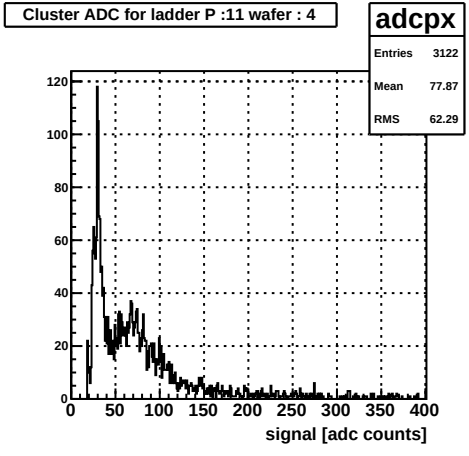

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2521
Mean 114.3
RMS 65.79
signal [adc counts]

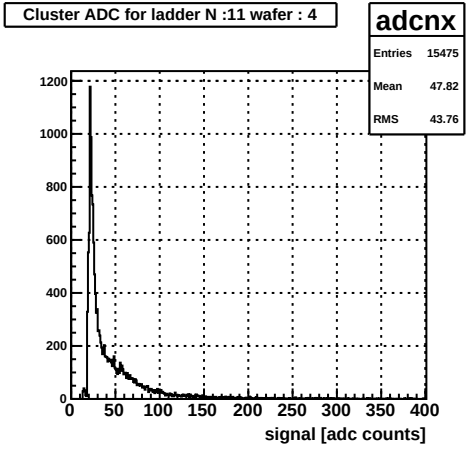

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 22519
Mean 36.59
RMS 38.03
signal [adc counts]

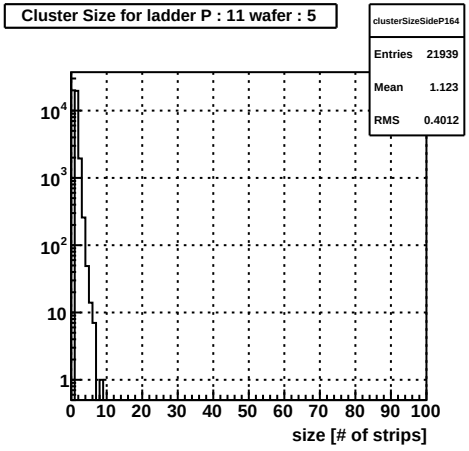

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3122
Mean 1.222
RMS 0.5189
size [# of strips]

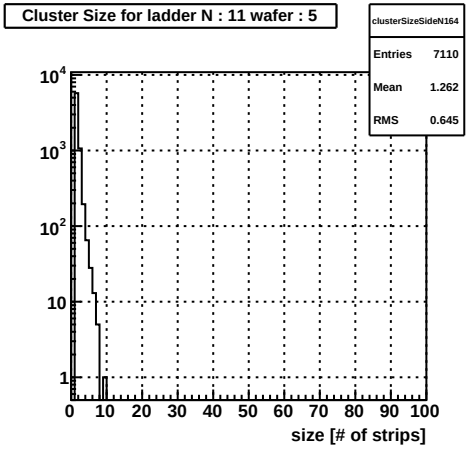

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 15475
Mean 1.391
RMS 0.7587
size [# of strips]

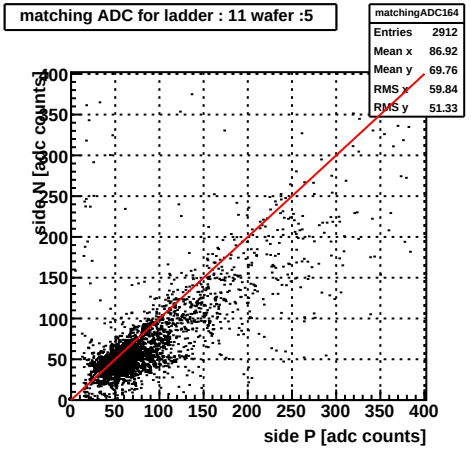

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1300
Mean x 80.26
Mean y 59.13
RMS x 59.77
RMS y 47.14
side N [adc counts]
side P [adc counts]

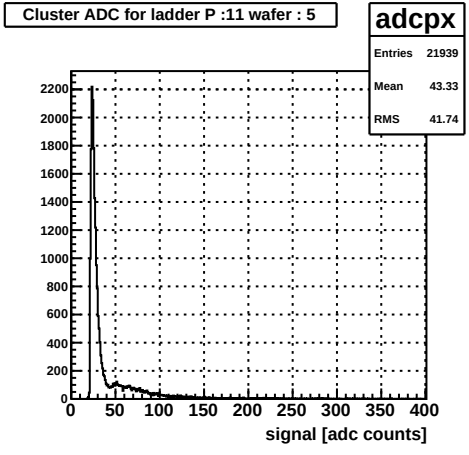

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3122
Mean 77.87
RMS 62.29
signal [adc counts]

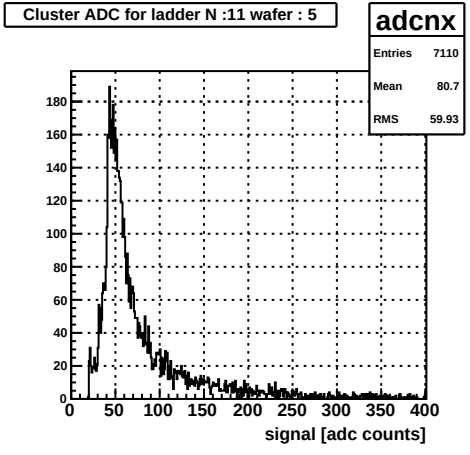

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 15475
Mean 47.82
RMS 43.76
signal [adc counts]

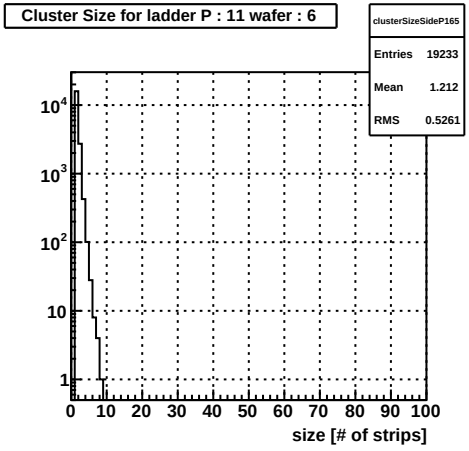

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 21939
Mean 1.123
RMS 0.4012
size [# of strips]

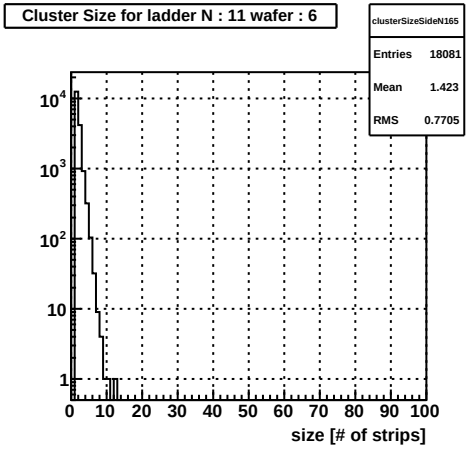

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 7110
Mean 1.262
RMS 0.645
size [# of strips]

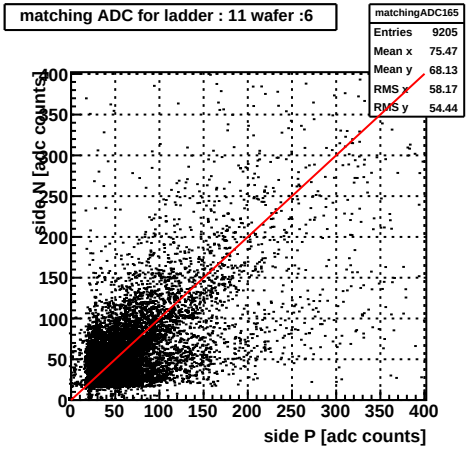

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2912
Mean x 86.92
Mean y 69.76
RMS x 59.84
RMS y 51.33
side N [adc counts]
side P [adc counts]

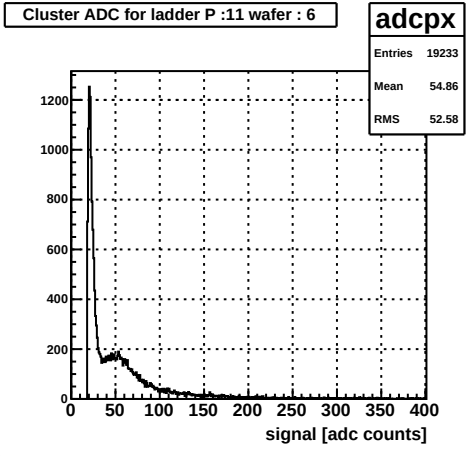

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 21939
Mean 43.33
RMS 41.74
signal [adc counts]

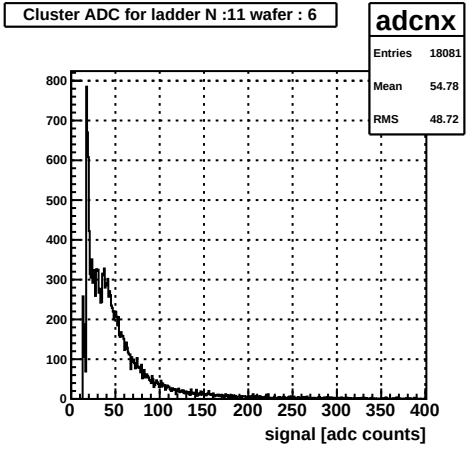

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 7110
Mean 80.7
RMS 59.93
signal [adc counts]

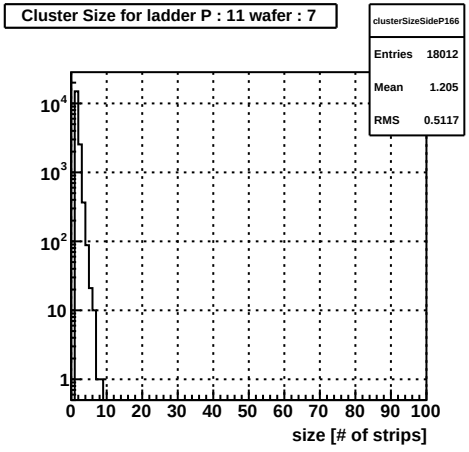

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 19233
Mean 1.212
RMS 0.5261
size [# of strips]

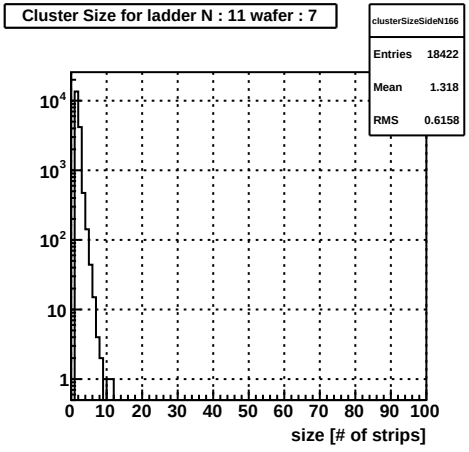

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 18081
Mean 1.423
RMS 0.7705
size [# of strips]

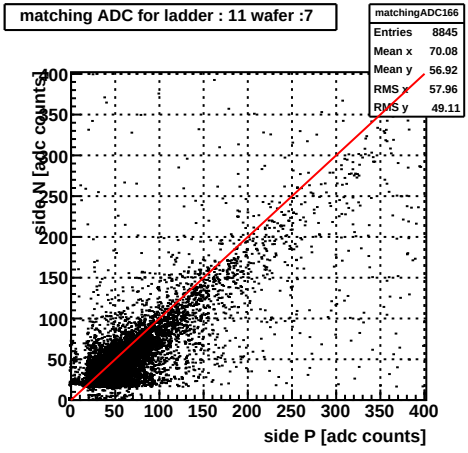

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 9205
Mean x 75.47
Mean y 68.13
RMS x 58.17
RMS y 54.44
side N [adc counts]
side P [adc counts]

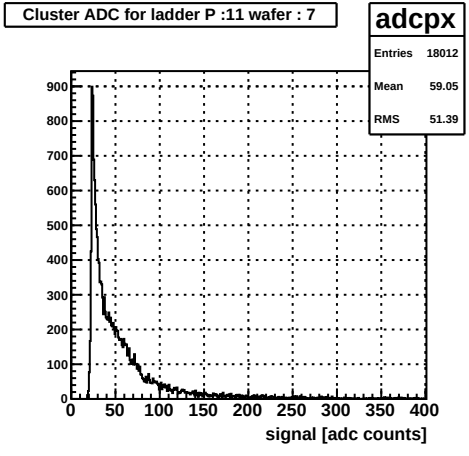

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 19233
Mean 54.86
RMS 52.58
signal [adc counts]

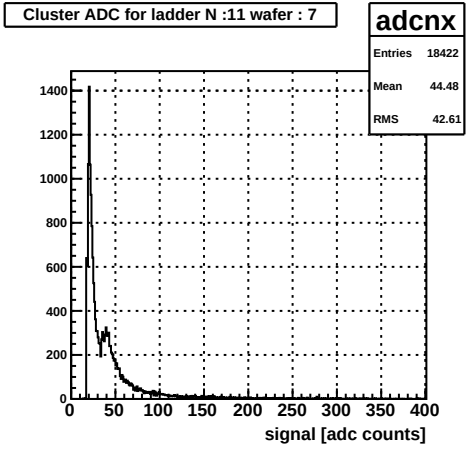

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 18081
Mean 54.78
RMS 48.72
signal [adc counts]

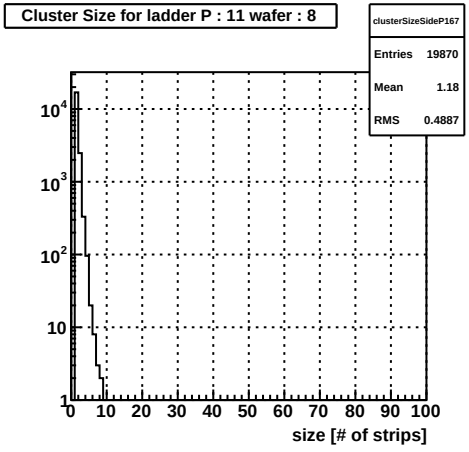

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18012
Mean 1.205
RMS 0.5117
size [# of strips]

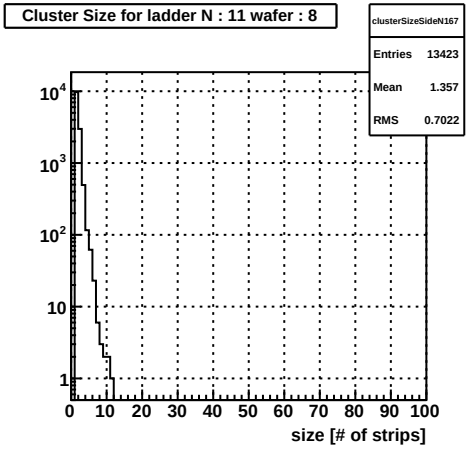

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 18422
Mean 1.318
RMS 0.6158
size [# of strips]

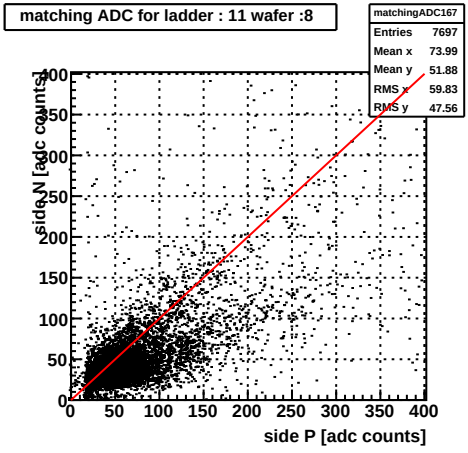

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 8845
Mean x 70.08
Mean y 56.92
RMS x 57.96
RMS y 49.11
side N [adc counts]
side P [adc counts]

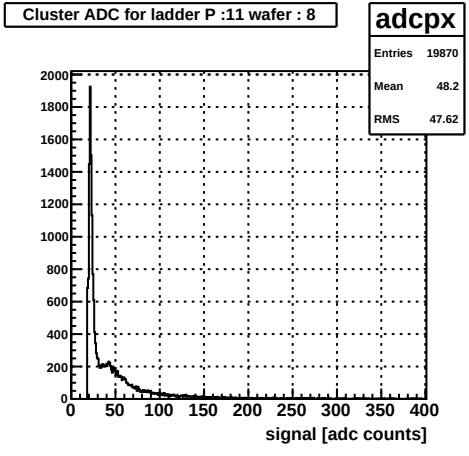

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18012
Mean 59.05
RMS 51.39
signal [adc counts]

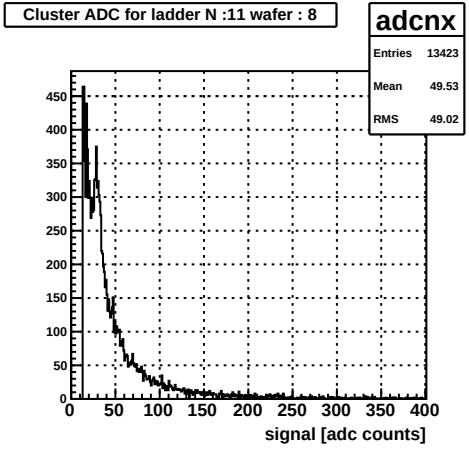

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 18422
Mean 44.48
RMS 42.61
signal [adc counts]

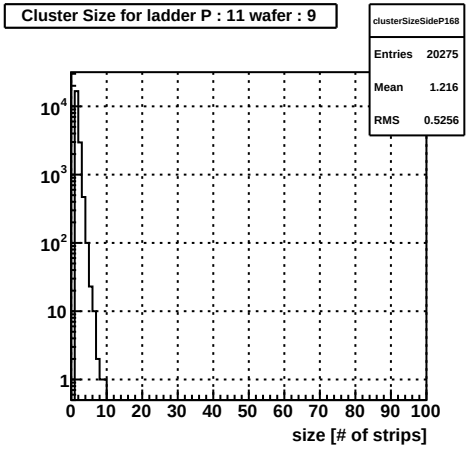

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 19870
Mean 1.18
RMS 0.4887
size [# of strips]

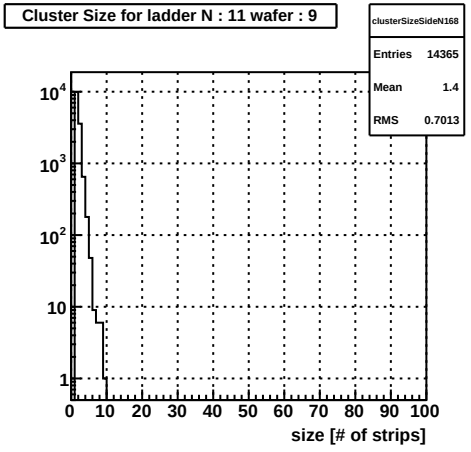

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 13423
Mean 1.357
RMS 0.7022
size [# of strips]

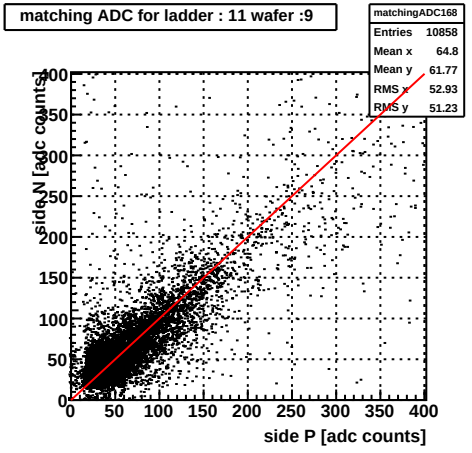

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 7697
Mean x 73.99
Mean y 51.88
RMS x 59.83
RMS y 47.56
side N [adc counts]
side P [adc counts]

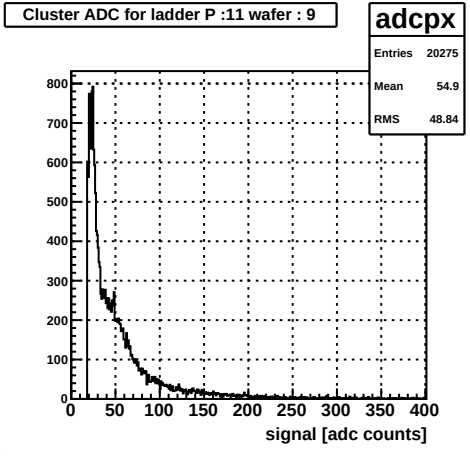

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 19870
Mean 48.2
RMS 47.62
signal [adc counts]

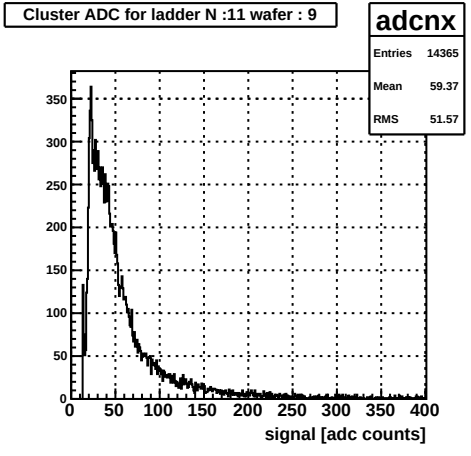

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 13423
Mean 49.53
RMS 49.02
signal [adc counts]

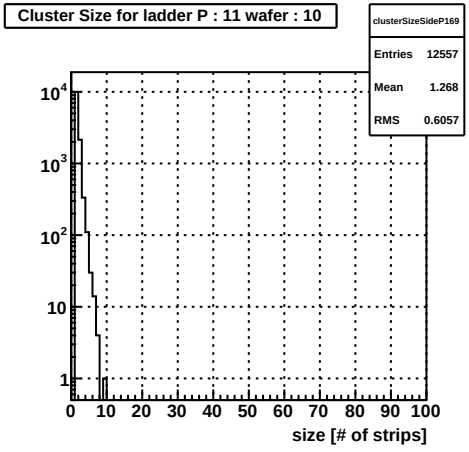

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 20275
Mean 1.216
RMS 0.5256
size [# of strips]

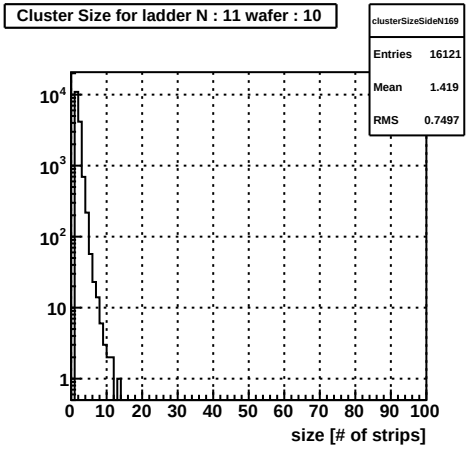

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 14365
Mean 1.4
RMS 0.7013
size [# of strips]

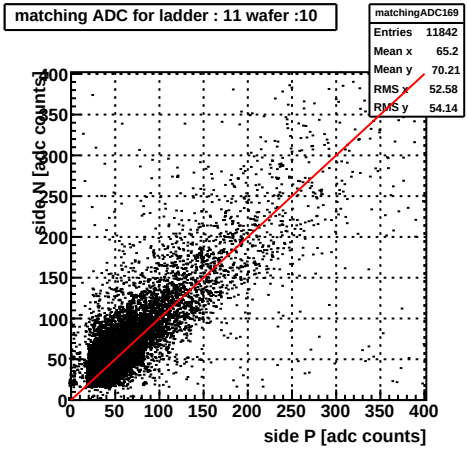

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 10858
Mean x 64.8
Mean y 61.77
RMS x 52.93
RMS y 51.23
side N [adc counts]
side P [adc counts]

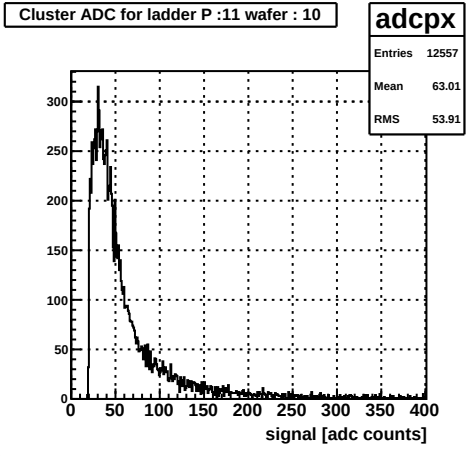

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 20275
Mean 54.9
RMS 48.84
signal [adc counts]

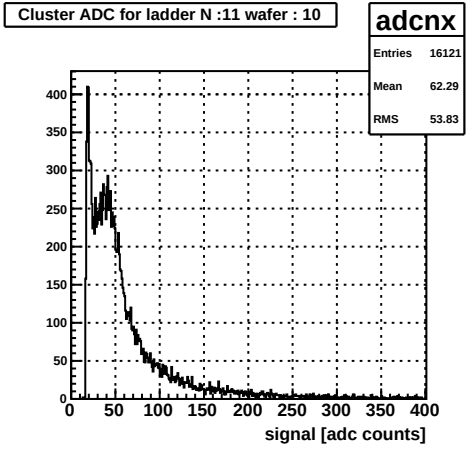

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 14365
Mean 59.37
RMS 51.57
signal [adc counts]

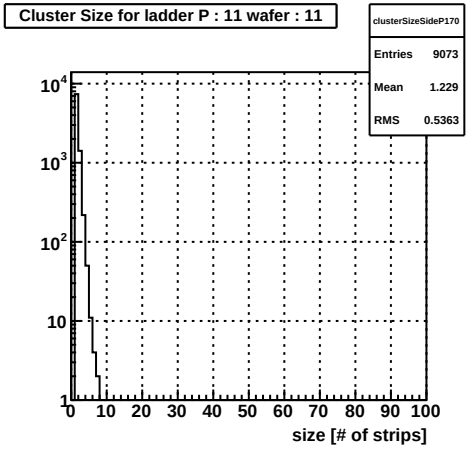

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 12557
Mean 1.268
RMS 0.6057
size [# of strips]

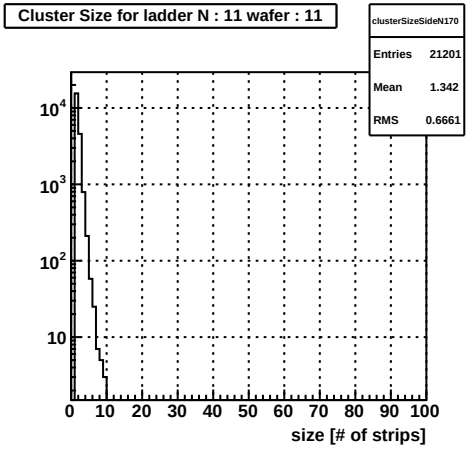

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 16121
Mean 1.419
RMS 0.7497
size [# of strips]

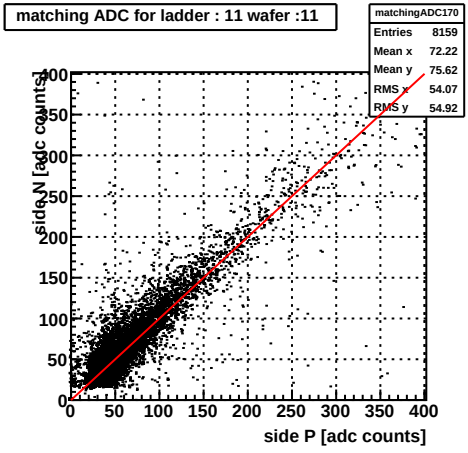

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 11842
Mean x 65.2
Mean y 70.21
RMS x 52.58
RMS y 54.14
side N [adc counts]
side P [adc counts]

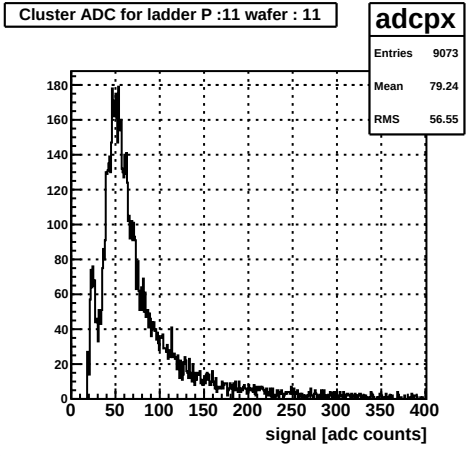

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 12557
Mean 63.01
RMS 53.91
signal [adc counts]

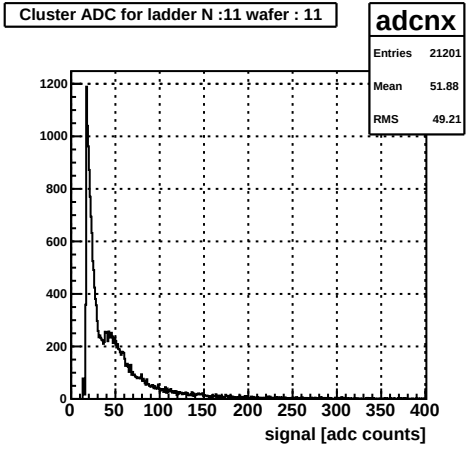

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 16121
Mean 62.29
RMS 53.83
signal [adc counts]

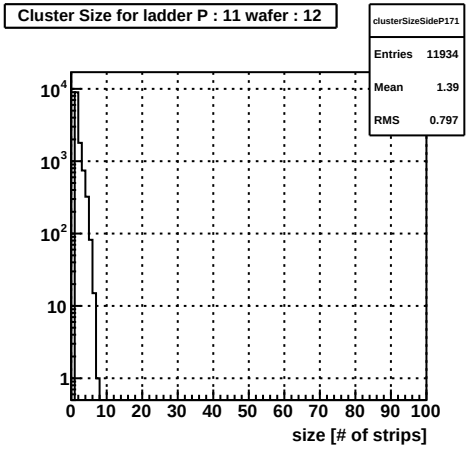

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9073
Mean 1.229
RMS 0.5363
size [# of strips]

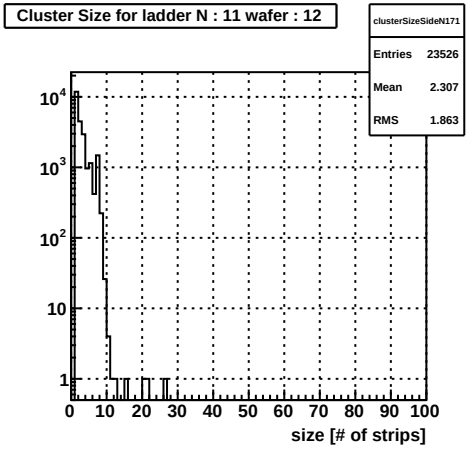

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 21201
Mean 1.342
RMS 0.6661
size [# of strips]

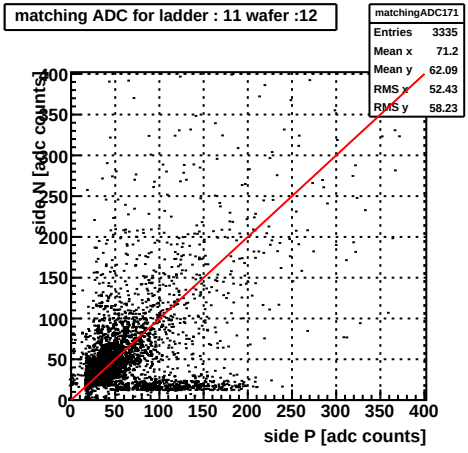

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8159
Mean x 72.22
Mean y 75.62
RMS x 54.07
RMS y 54.92
side N [adc counts]
side P [adc counts]

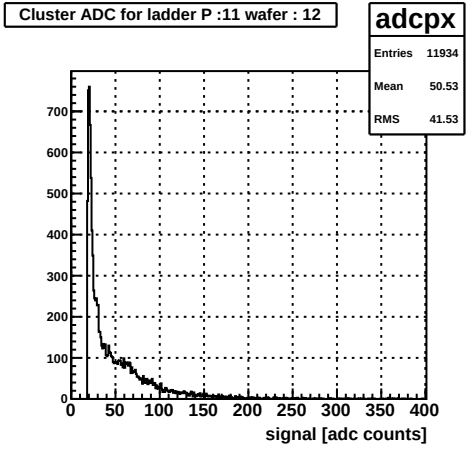

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9073
Mean 79.24
RMS 56.55
signal [adc counts]

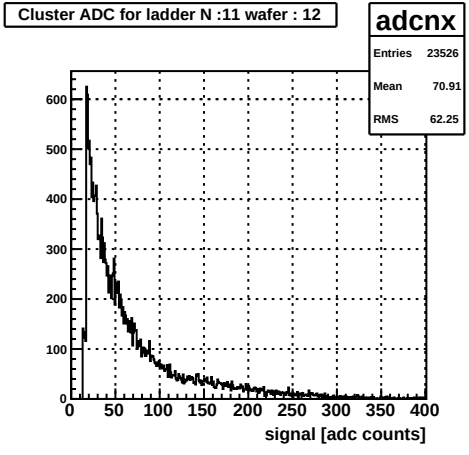

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 21201
Mean 51.88
RMS 49.21
signal [adc counts]

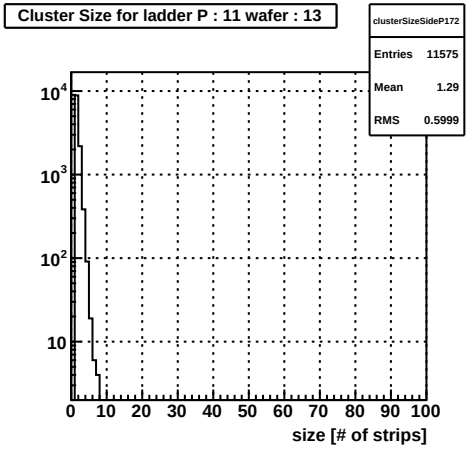

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 11934
Mean 1.39
RMS 0.797
size [# of strips]

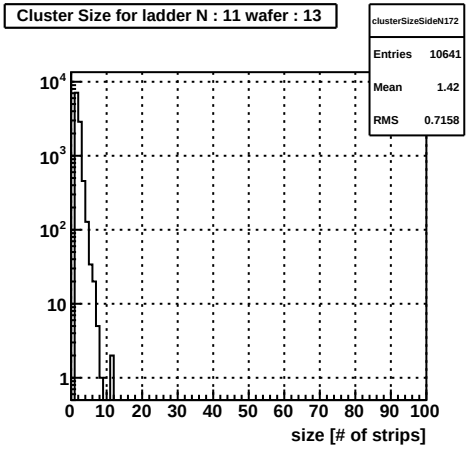

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 23526
Mean 2.307
RMS 1.863
size [# of strips]

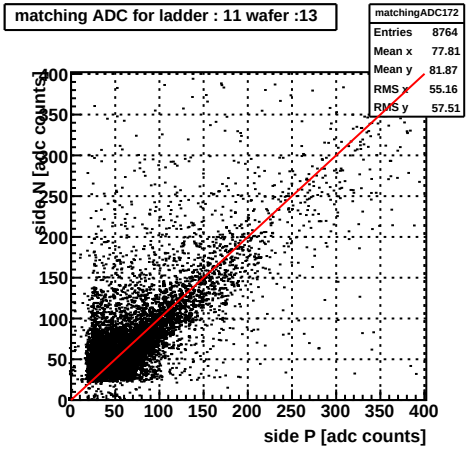

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3335
Mean x 71.2
Mean y 62.09
RMS x 52.43
RMS y 58.23
side N [adc counts]
side P [adc counts]

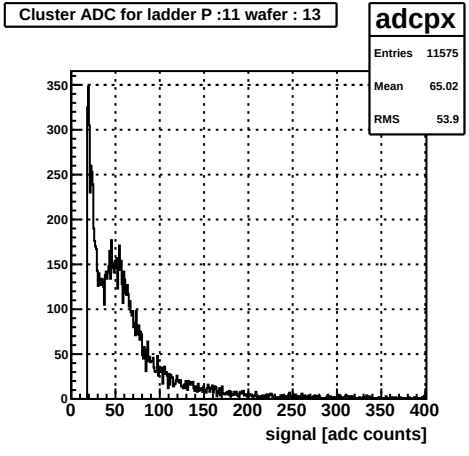

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 11934
Mean 50.53
RMS 41.53
signal [adc counts]

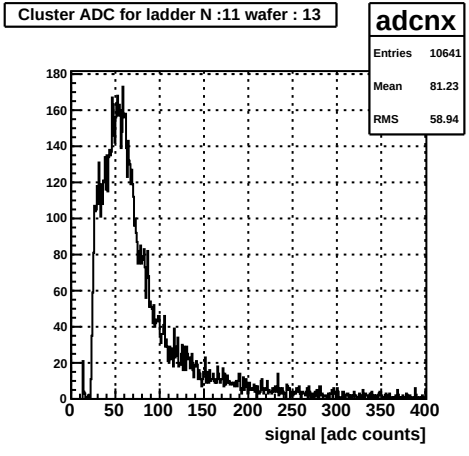

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 23526
Mean 70.91
RMS 62.25
signal [adc counts]

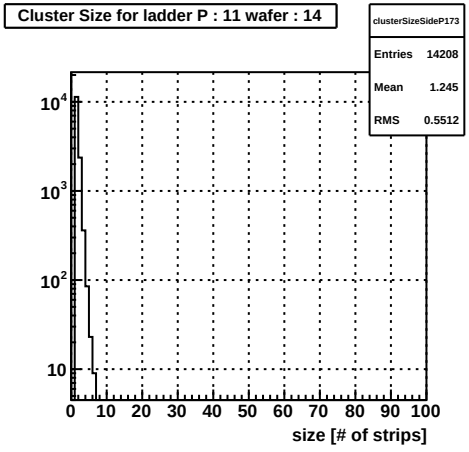

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 11575
Mean 1.29
RMS 0.5999
size [# of strips]

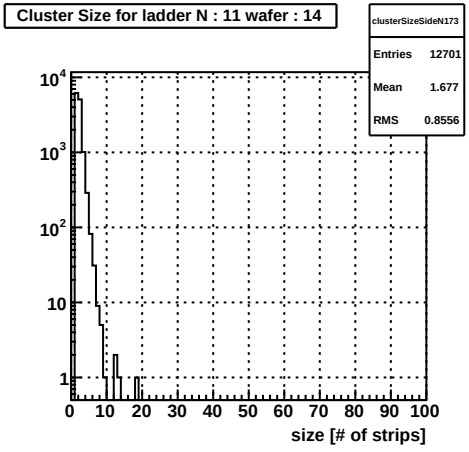

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 10641
Mean 1.42
RMS 0.7158
size [# of strips]

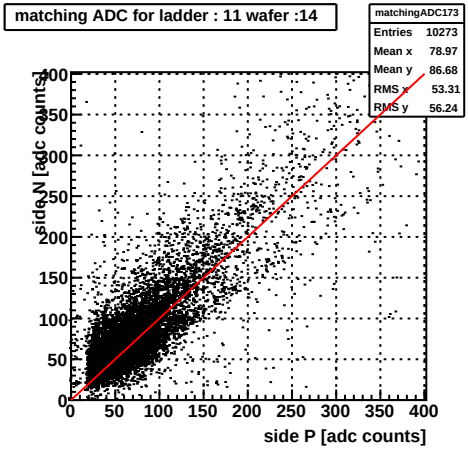

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8764
Mean x 77.81
Mean y 81.87
RMS x 55.16
RMS y 57.51
side N [adc counts]
side P [adc counts]

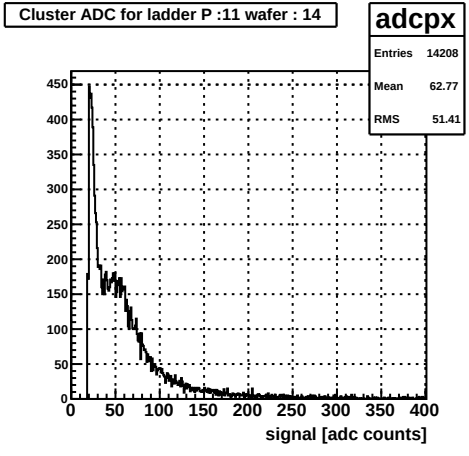

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 11575
Mean 65.02
RMS 53.9
signal [adc counts]

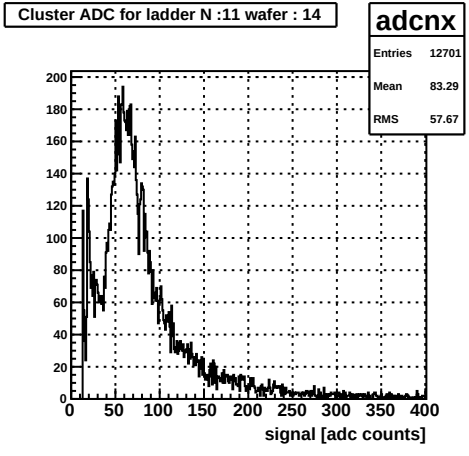

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 10641
Mean 81.23
RMS 58.94
signal [adc counts]

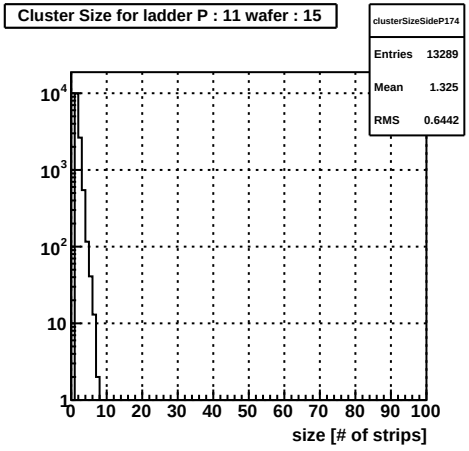

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 14208
Mean 1.245
RMS 0.5512
size [# of strips]

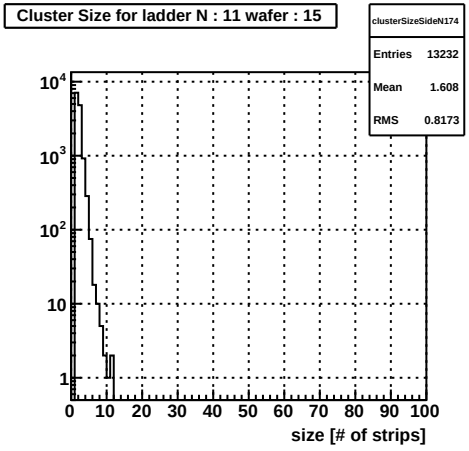

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 12701
Mean 1.677
RMS 0.8556
size [# of strips]

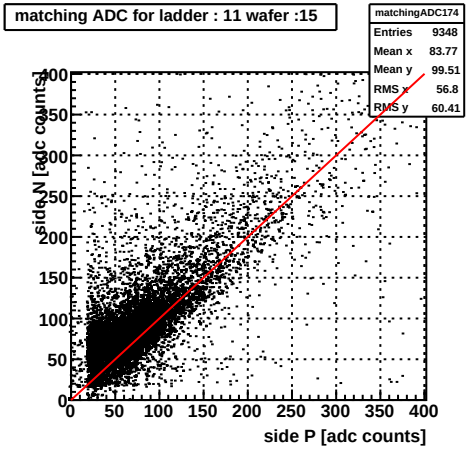

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 10273
Mean x 78.97
Mean y 86.68
RMS x 53.31
RMS y 56.24
side N [adc counts]
side P [adc counts]

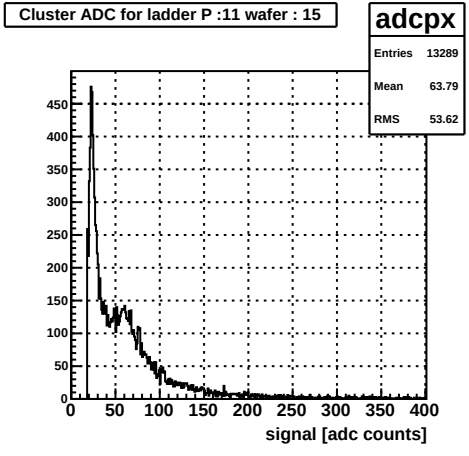

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 14208
Mean 62.77
RMS 51.41
signal [adc counts]

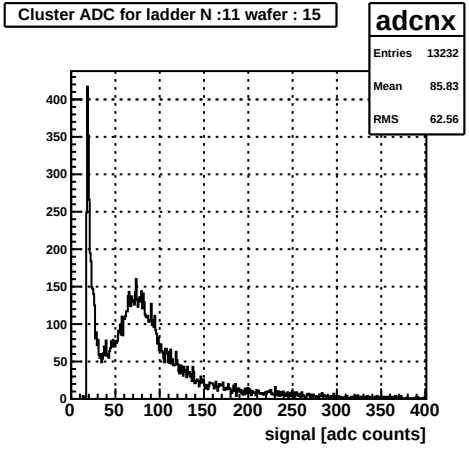

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 12701
Mean 83.29
RMS 57.67
signal [adc counts]

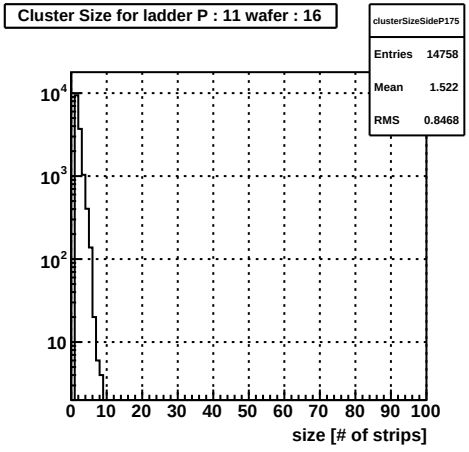

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 13289
Mean 1.325
RMS 0.6442
size [# of strips]

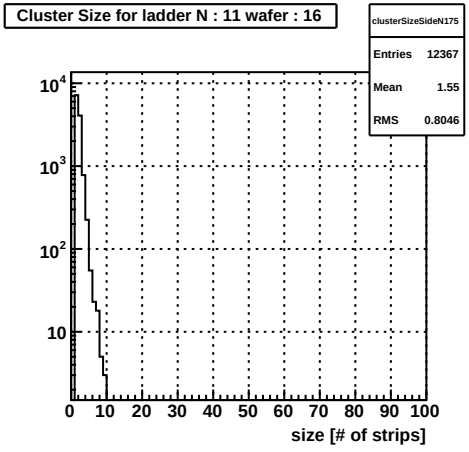

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 13232
Mean 1.608
RMS 0.8173
size [# of strips]

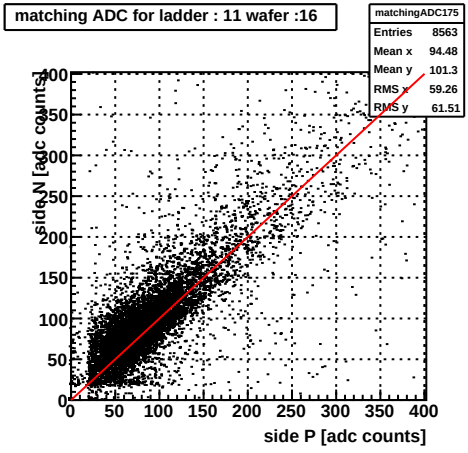

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 9348
Mean x 83.77
Mean y 99.51
RMS x 56.8
RMS y 60.41
side N [adc counts]
side P [adc counts]

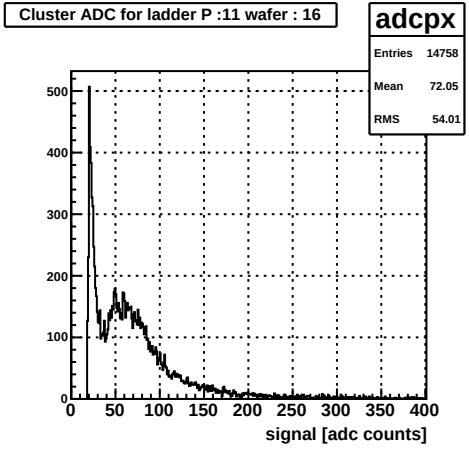

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 13289
Mean 63.79
RMS 53.62
signal [adc counts]

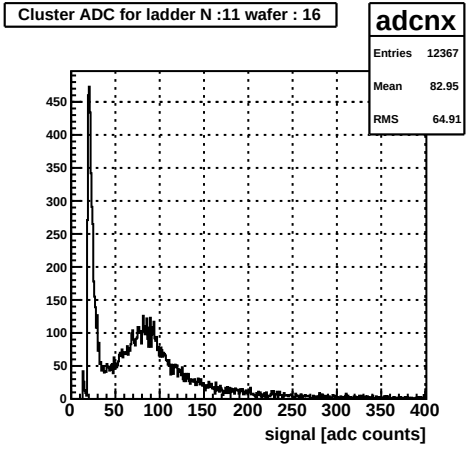

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 13232
Mean 85.83
RMS 62.56
signal [adc counts]

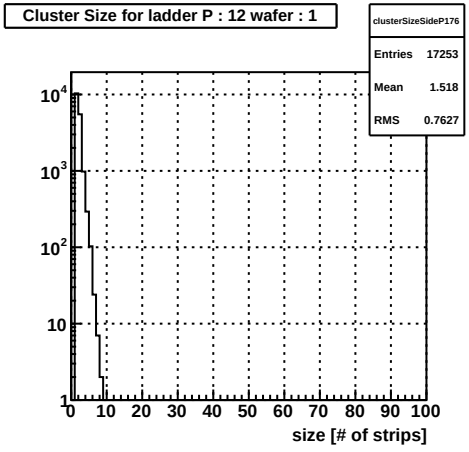

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14758
Mean 1.522
RMS 0.8468
size [# of strips]

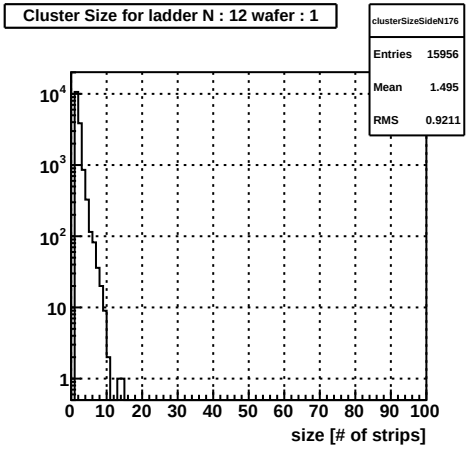

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 12367
Mean 1.55
RMS 0.8046
size [# of strips]

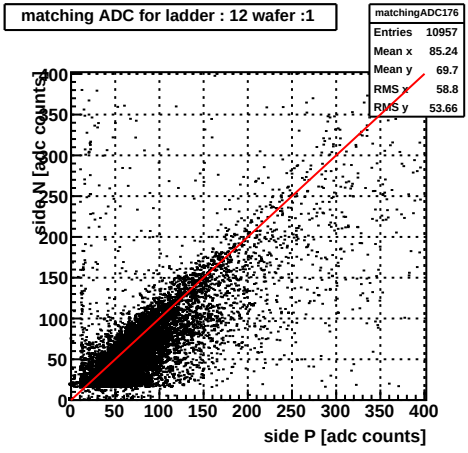

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 8563
Mean x 94.48
Mean y 101.3
RMS x 59.26
RMS y 61.51
side N [adc counts]
side P [adc counts]

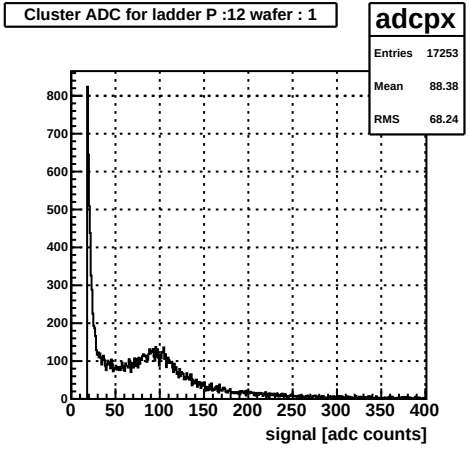

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14758
Mean 72.05
RMS 54.01
signal [adc counts]

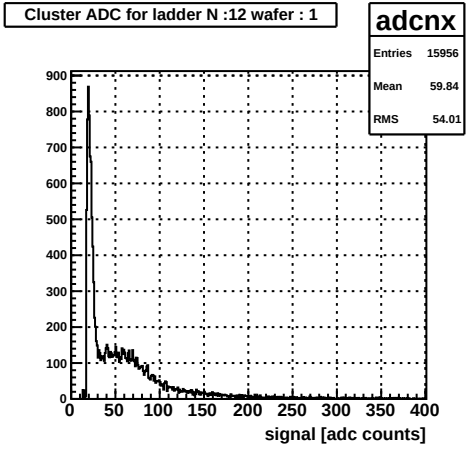

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 12367
Mean 82.95
RMS 64.91
signal [adc counts]

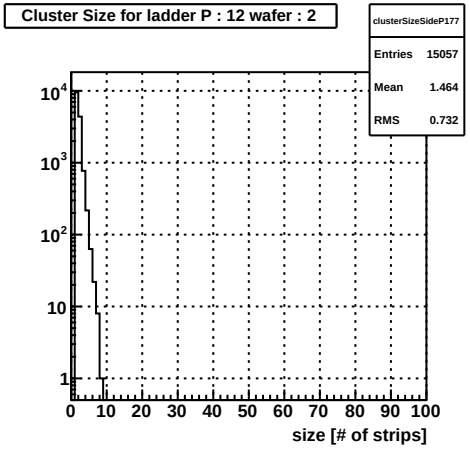

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 17253
Mean 1.518
RMS 0.7627
size [# of strips]

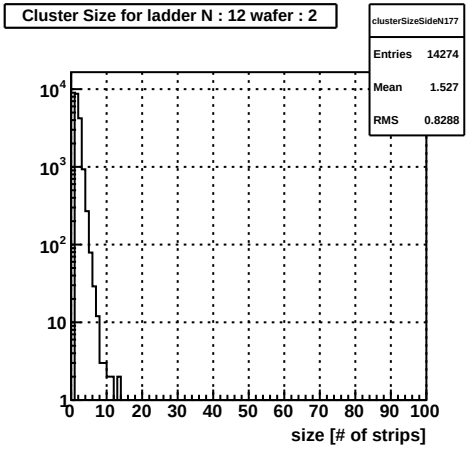

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 15956
Mean 1.495
RMS 0.9211
size [# of strips]

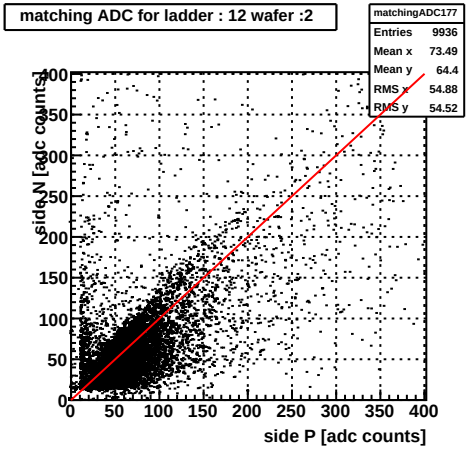

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 10957
Mean x 85.24
Mean y 69.7
RMS x 58.8
RMS y 53.66
side N [adc counts]
side P [adc counts]

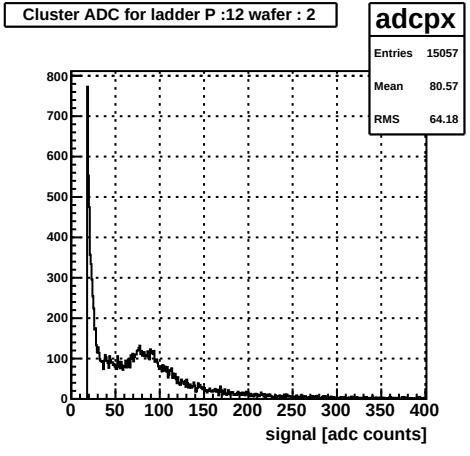

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 17253
Mean 88.38
RMS 68.24
signal [adc counts]

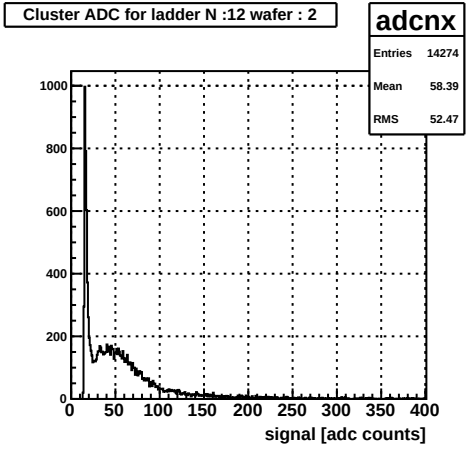

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 15956
Mean 59.84
RMS 54.01
signal [adc counts]

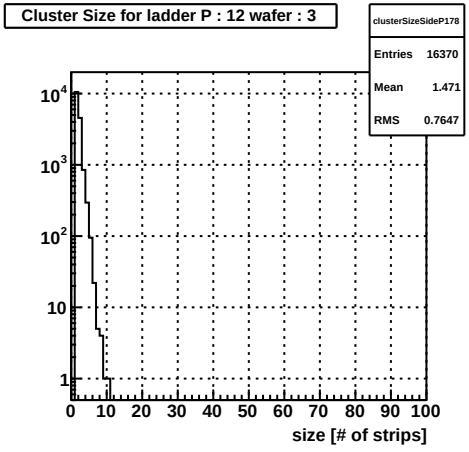

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15057
Mean 1.464
RMS 0.732
size [# of strips]

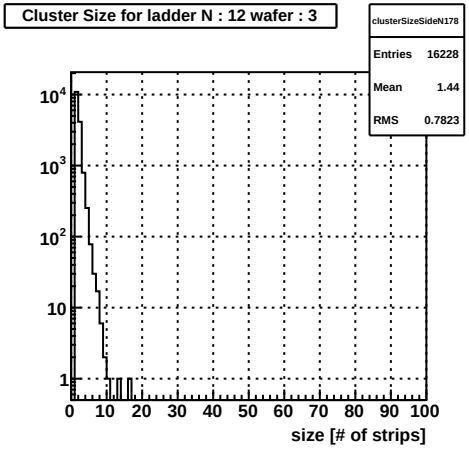

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 14274
Mean 1.527
RMS 0.8288
size [# of strips]

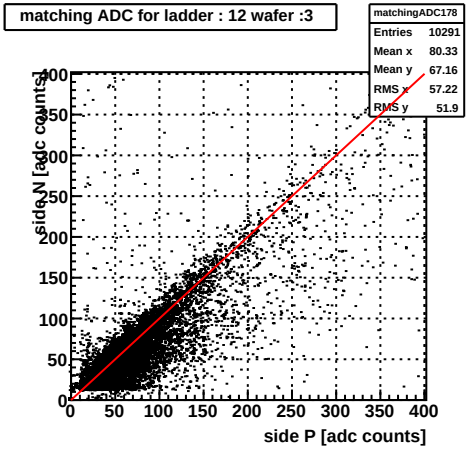

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 9936
Mean x 73.49
Mean y 64.4
RMS x 54.88
RMS y 54.52
side N [adc counts]
side P [adc counts]

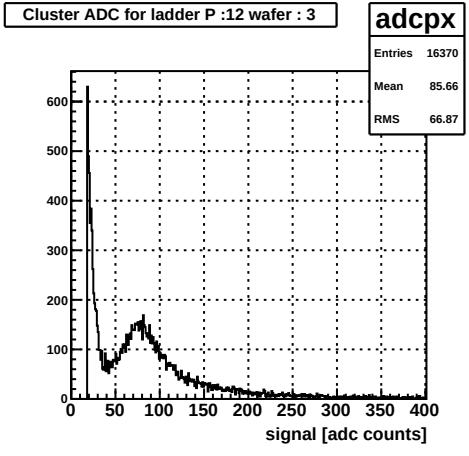

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15057
Mean 80.57
RMS 64.18
signal [adc counts]

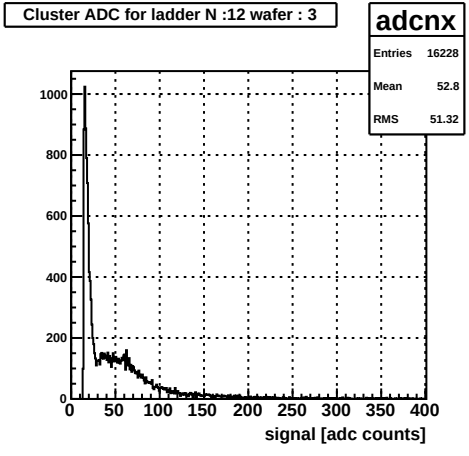

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 14274
Mean 58.39
RMS 52.47
signal [adc counts]

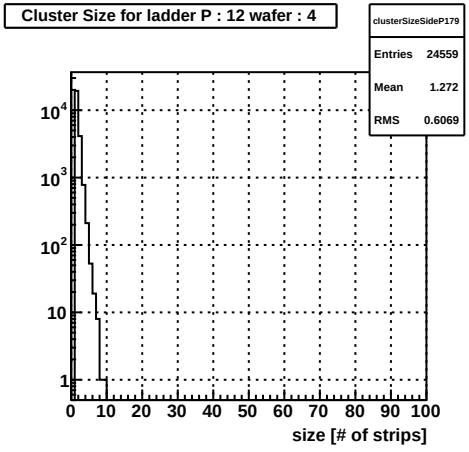

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 16370
Mean 1.471
RMS 0.7647
size [# of strips]

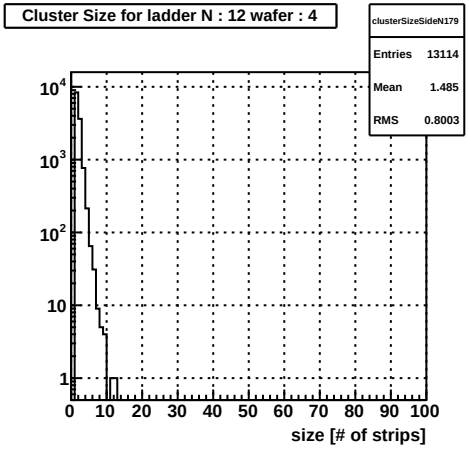

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 16228
Mean 1.44
RMS 0.7823
size [# of strips]

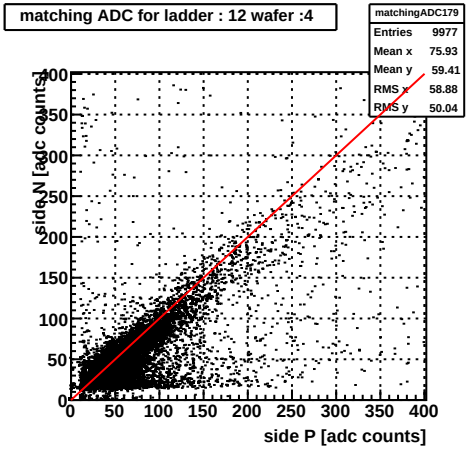

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10291
Mean x 80.33
Mean y 67.16
RMS x 57.22
RMS y 51.9
side N [adc counts]
side P [adc counts]

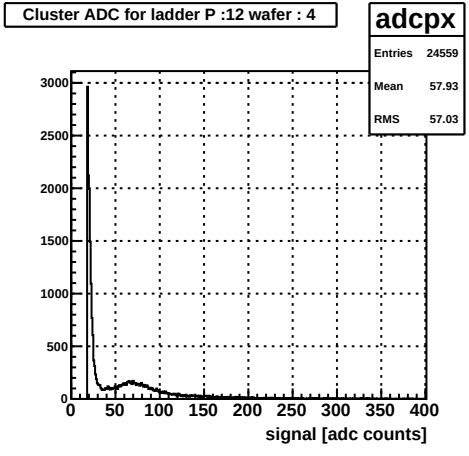

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 16370
Mean 85.66
RMS 66.87
signal [adc counts]

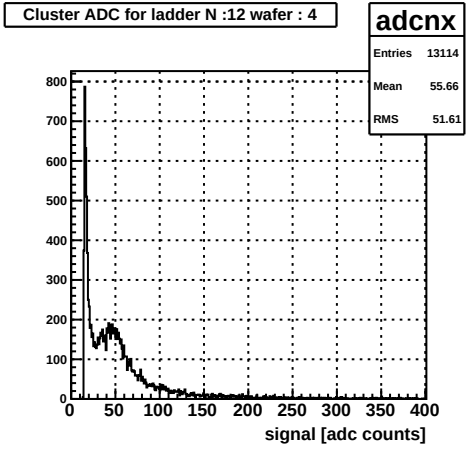

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 16228
Mean 52.8
RMS 51.32
signal [adc counts]

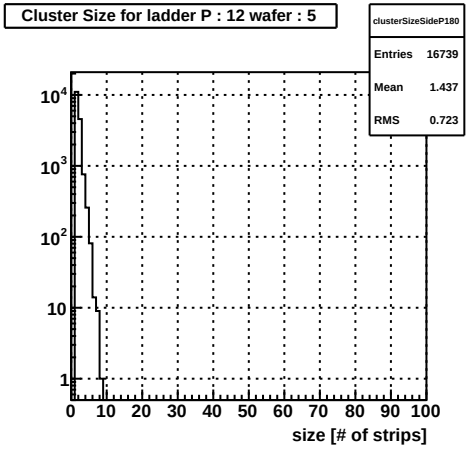

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 24559
Mean 1.272
RMS 0.6069
size [# of strips]

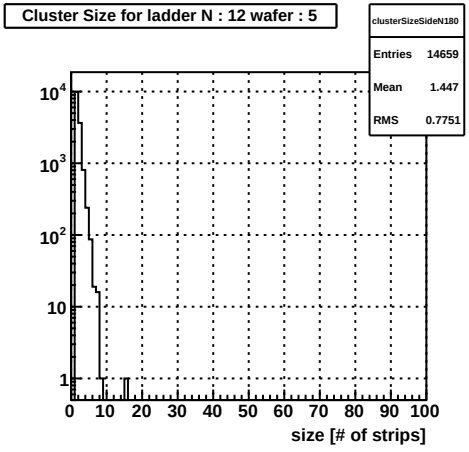

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 13114
Mean 1.485
RMS 0.8003
size [# of strips]

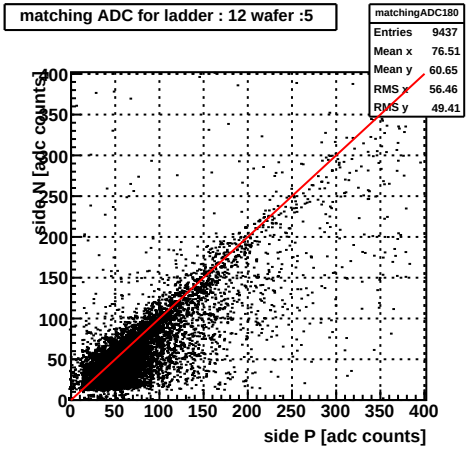

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 9977
Mean x 75.93
Mean y 59.41
RMS x 58.88
RMS y 50.04
side N [adc counts]
side P [adc counts]

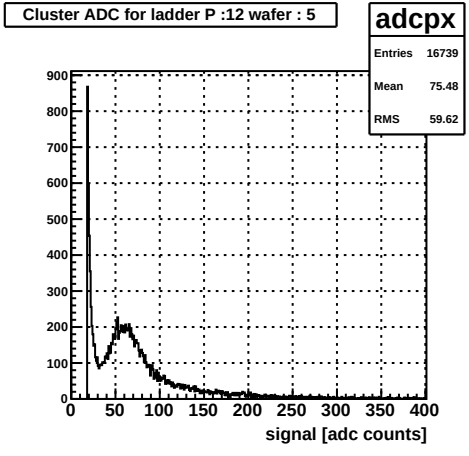

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 24559
Mean 57.93
RMS 57.03
signal [adc counts]

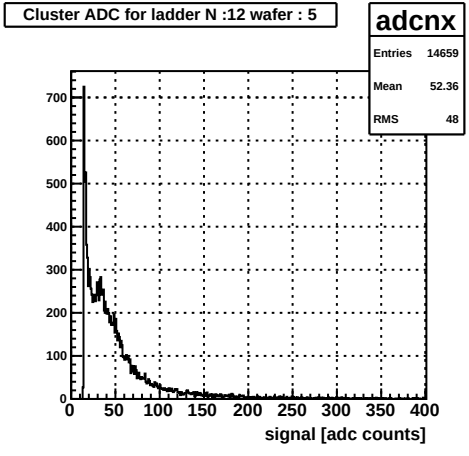

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 13114
Mean 55.66
RMS 51.61
signal [adc counts]

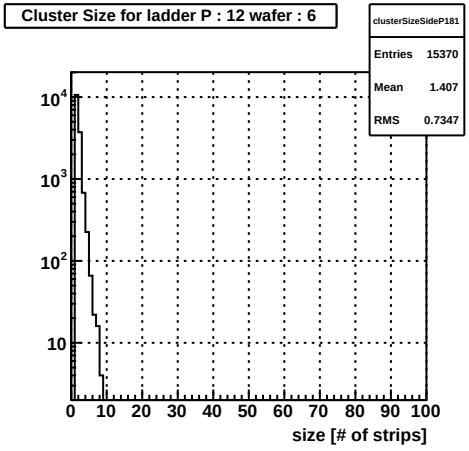

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 16739
Mean 1.437
RMS 0.723
size [# of strips]

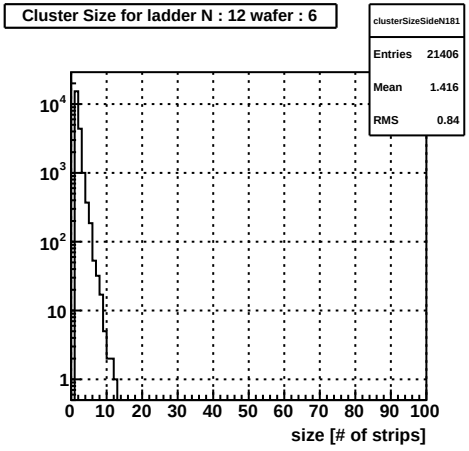

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14659
Mean 1.447
RMS 0.7751
size [# of strips]

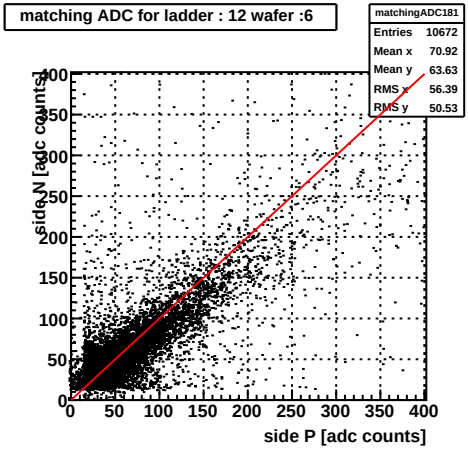

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 9437
Mean x 76.51
Mean y 60.65
RMS x 56.46
RMS y 49.41
side N [adc counts]
side P [adc counts]

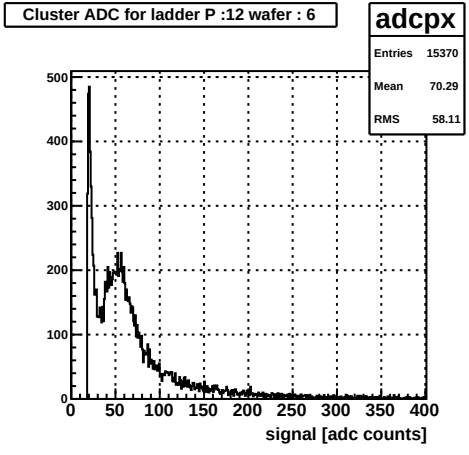

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 16739
Mean 75.48
RMS 59.62
signal [adc counts]

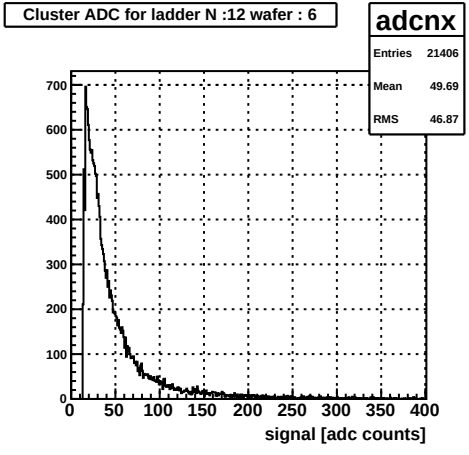

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14659
Mean 52.36
RMS 48
signal [adc counts]

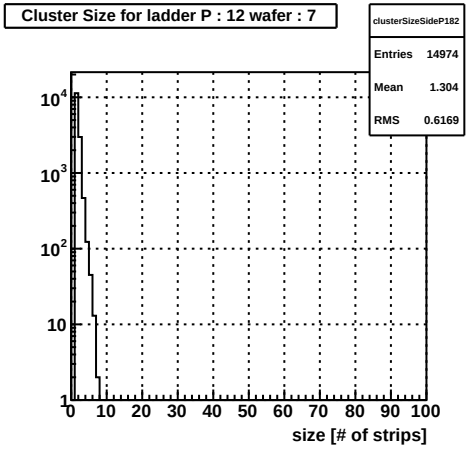

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 15370
Mean 1.407
RMS 0.7347
size [# of strips]

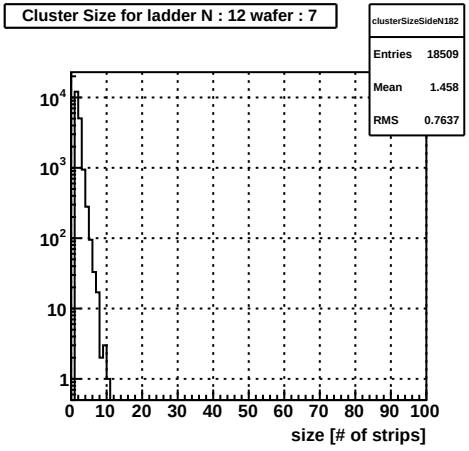

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 21406
Mean 1.416
RMS 0.84
size [# of strips]

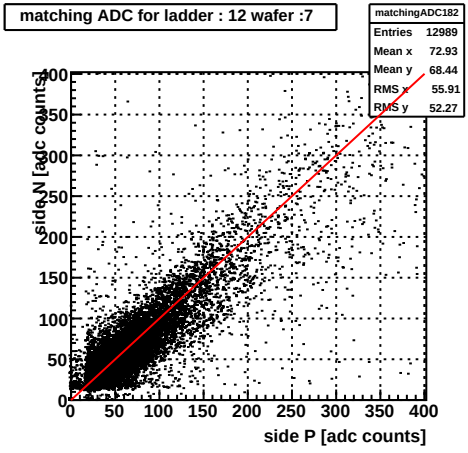

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 10672
Mean x 70.92
Mean y 63.63
RMS x 56.39
RMS y 50.53
side N [adc counts]
side P [adc counts]

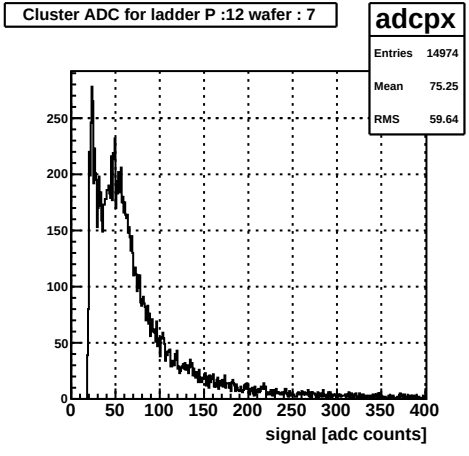

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 15370
Mean 70.29
RMS 58.11
signal [adc counts]

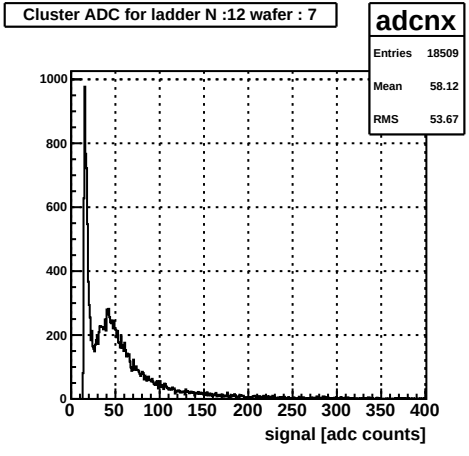

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 21406
Mean 49.69
RMS 46.87
signal [adc counts]

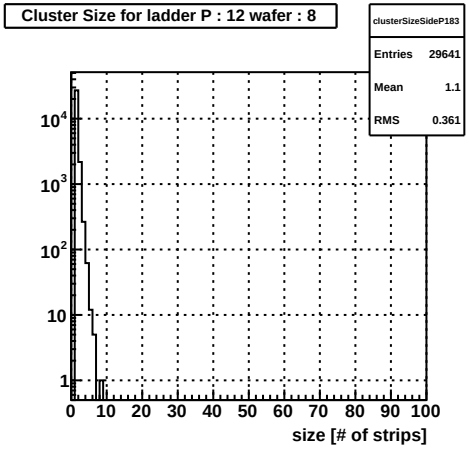

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14974
Mean 1.304
RMS 0.6169
size [# of strips]

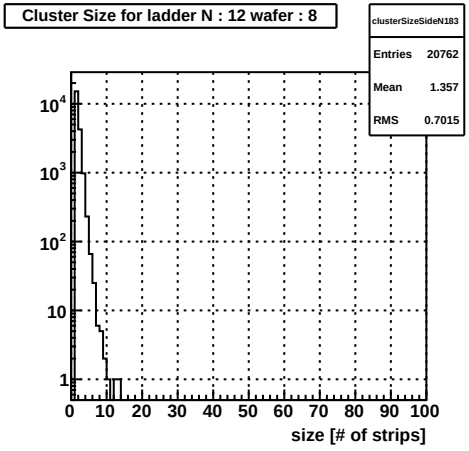

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 18509
Mean 1.458
RMS 0.7637
size [# of strips]

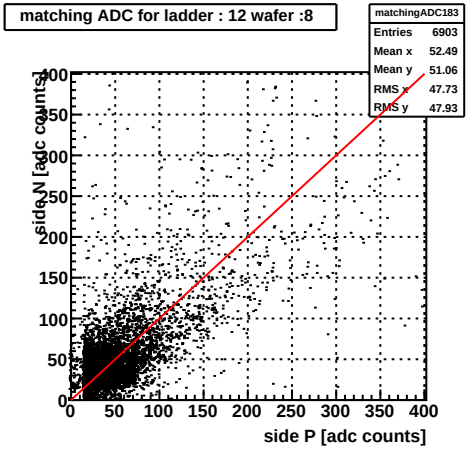

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 12989
Mean x 72.93
Mean y 68.44
RMS x 55.91
RMS y 52.27
side N [adc counts]
side P [adc counts]

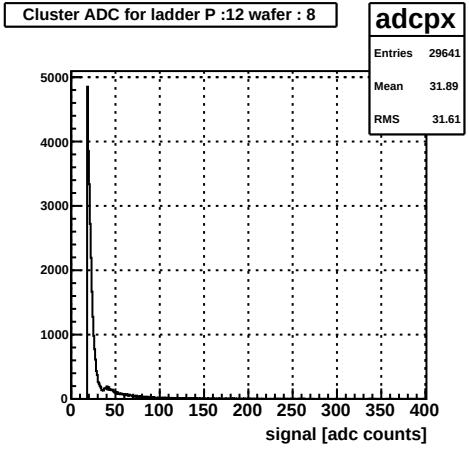

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14974
Mean 75.25
RMS 59.64
signal [adc counts]

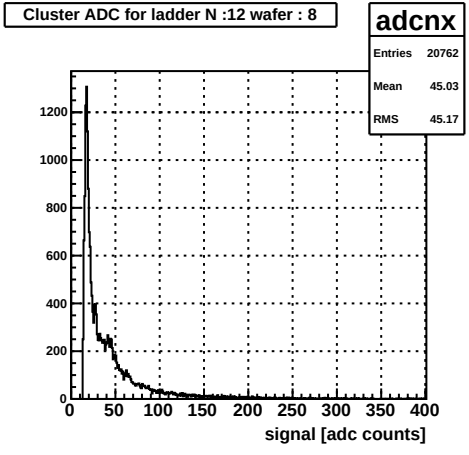

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 18509
Mean 58.12
RMS 53.67
signal [adc counts]

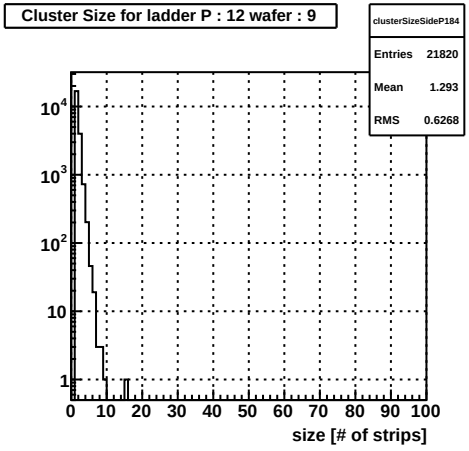

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 29641
Mean 1.1
RMS 0.361
size [# of strips]

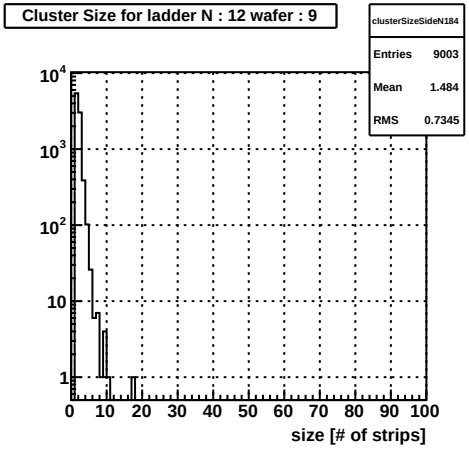

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 20762
Mean 1.357
RMS 0.7015
size [# of strips]

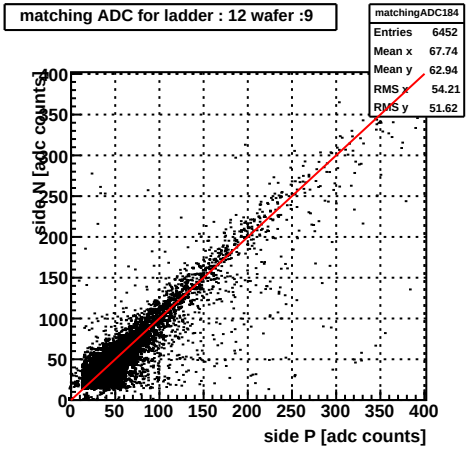

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6903
Mean x 52.49
Mean y 51.06
RMS x 47.73
RMS y 47.93
side N [adc counts]
side P [adc counts]

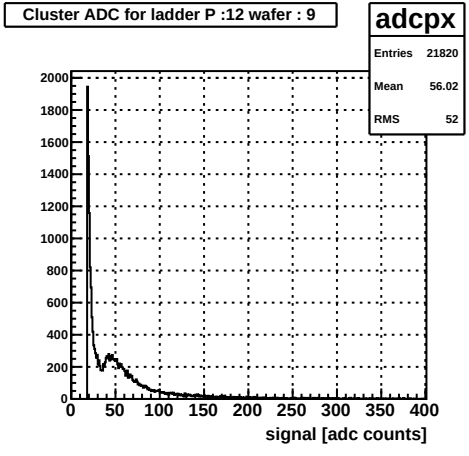

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 29641
Mean 31.89
RMS 31.61
signal [adc counts]

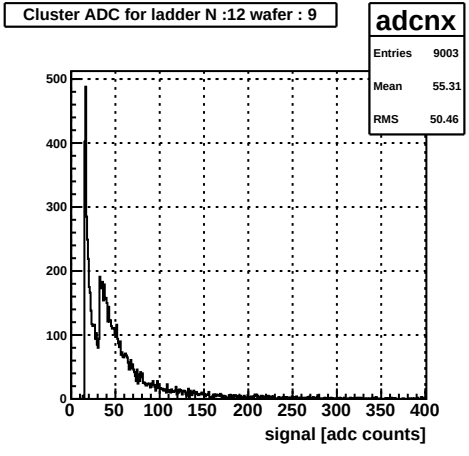

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 20762
Mean 45.03
RMS 45.17
signal [adc counts]

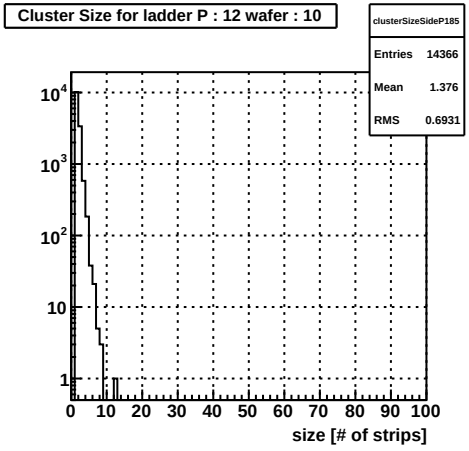

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 21820
Mean 1.293
RMS 0.6268
size [# of strips]

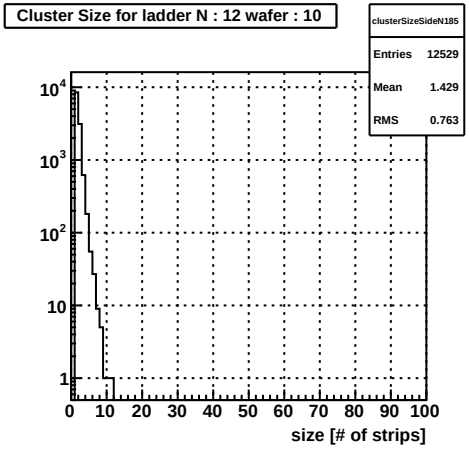

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 9003
Mean 1.484
RMS 0.7345
size [# of strips]

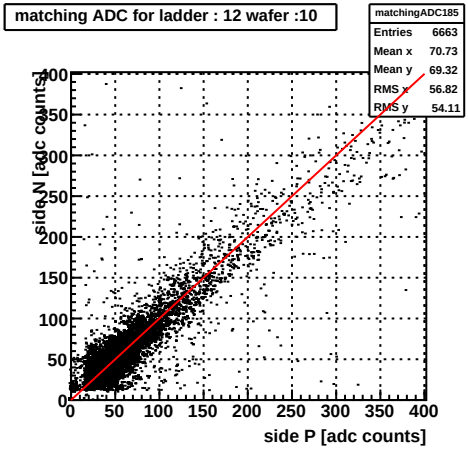

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6452
Mean x 67.74
Mean y 62.94
RMS x 54.21
RMS y 51.62
side N [adc counts]
side P [adc counts]

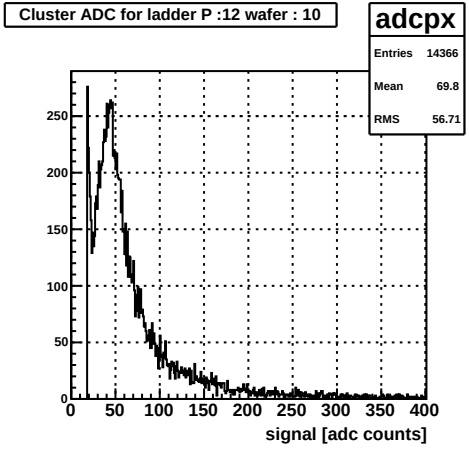

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 21820
Mean 56.02
RMS 52
signal [adc counts]

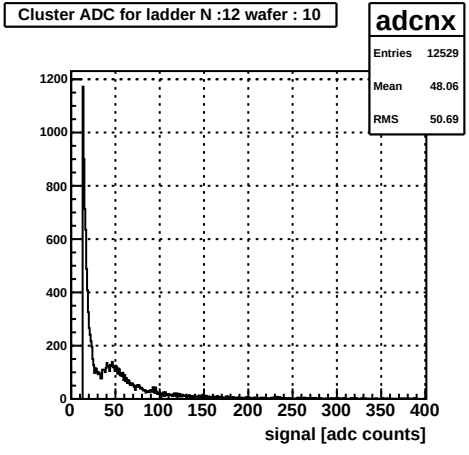

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 9003
Mean 55.31
RMS 50.46
signal [adc counts]

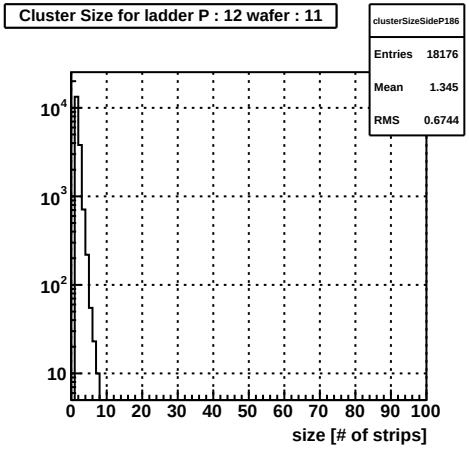

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14366
Mean 1.376
RMS 0.6931
size [# of strips]

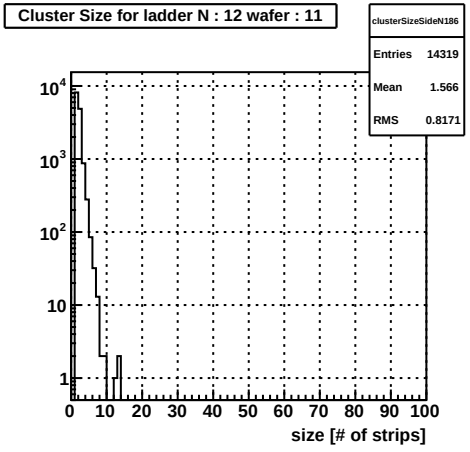

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 12529
Mean 1.429
RMS 0.763
size [# of strips]

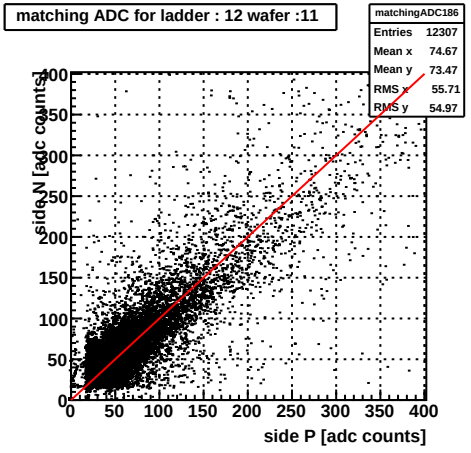

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6663
Mean x 70.73
Mean y 69.32
RMS x 56.82
RMS y 54.11
side N [adc counts]
side P [adc counts]

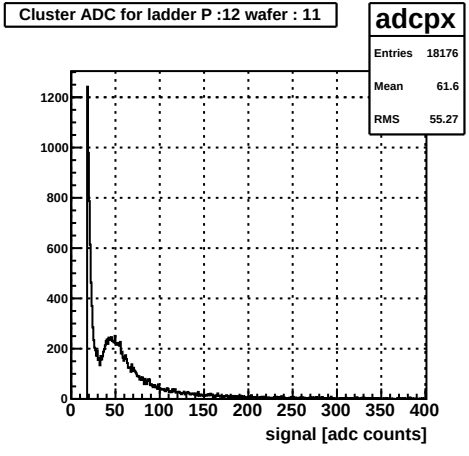

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14366
Mean 69.8
RMS 56.71
signal [adc counts]

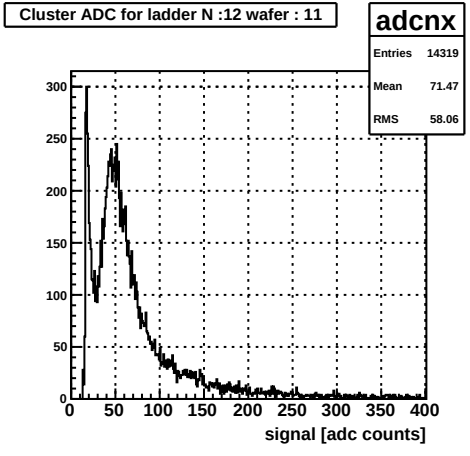

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 12529
Mean 48.06
RMS 50.69
signal [adc counts]

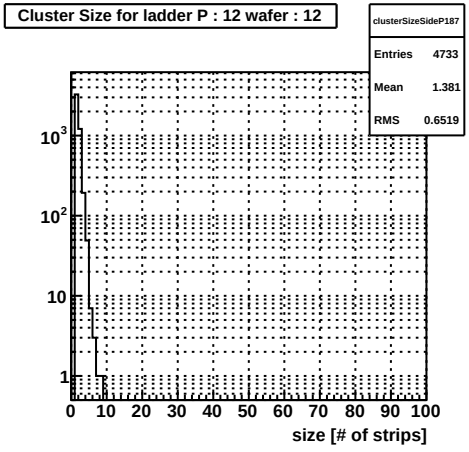

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 18176
Mean 1.345
RMS 0.6744
size [# of strips]

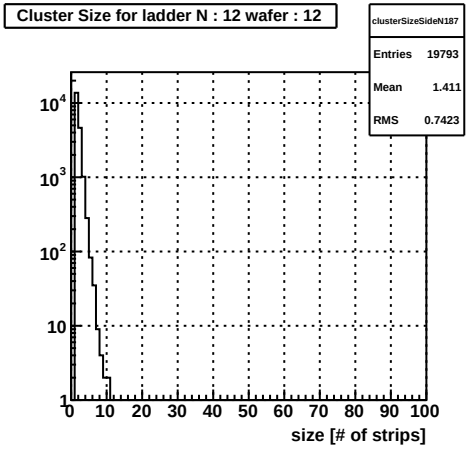

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 14319
Mean 1.566
RMS 0.8171
size [# of strips]

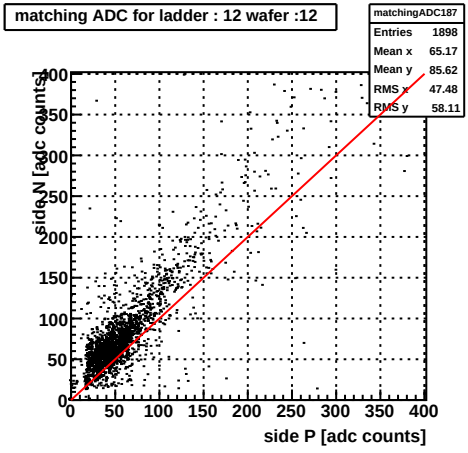

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 12307
Mean x 74.67
Mean y 73.47
RMS x 55.71
RMS y 54.97
side N [adc counts]
side P [adc counts]

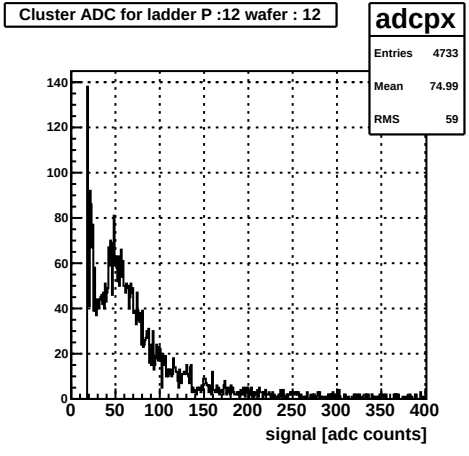

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 18176
Mean 61.6
RMS 55.27
signal [adc counts]

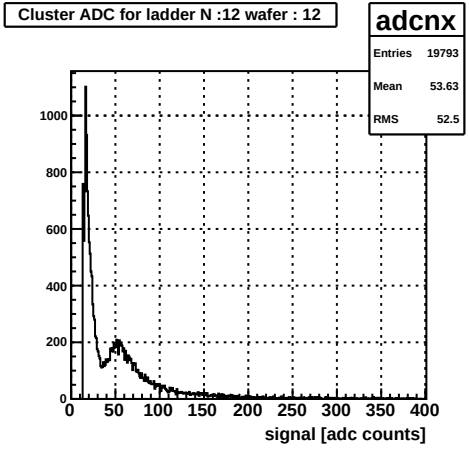

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 14319
Mean 71.47
RMS 58.06
signal [adc counts]

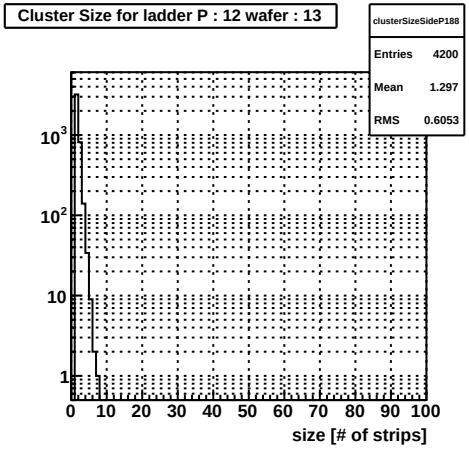

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4733
Mean 1.381
RMS 0.6519
size [# of strips]

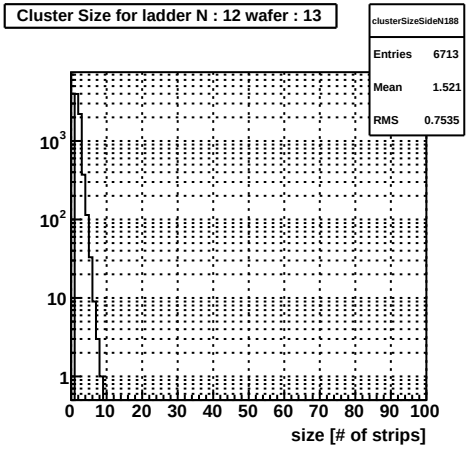

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 19793
Mean 1.411
RMS 0.7423
size [# of strips]

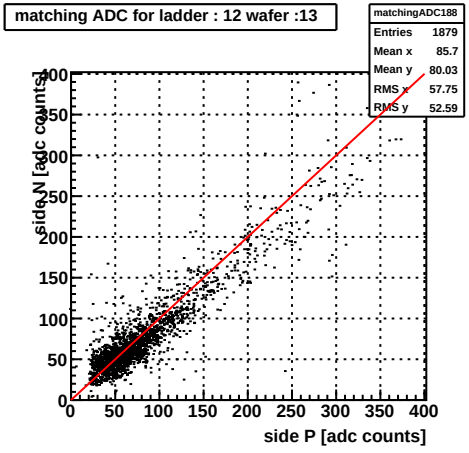

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1898
Mean x 65.17
Mean y 85.62
RMS x 47.48
RMS y 58.11
side N [adc counts]
side P [adc counts]

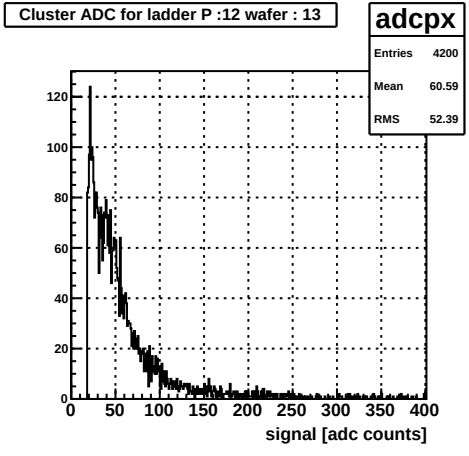

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4733
Mean 74.99
RMS 59
signal [adc counts]

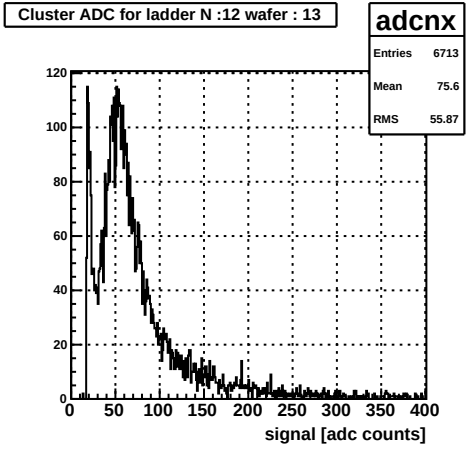

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 19793
Mean 53.63
RMS 52.5
signal [adc counts]

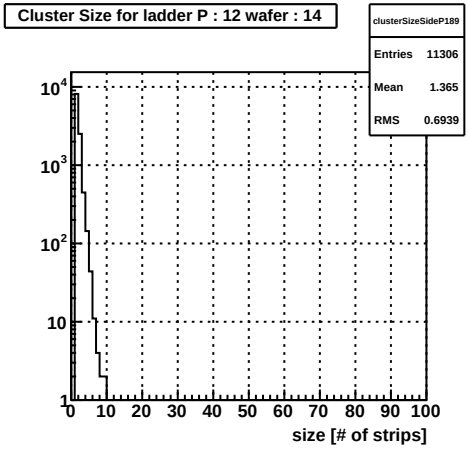

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4200
Mean 1.297
RMS 0.6053
size [# of strips]

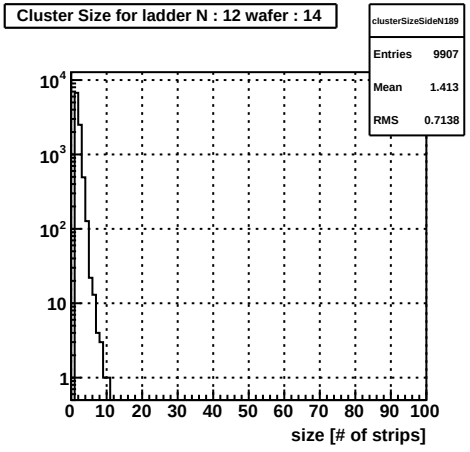

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 6713
Mean 1.521
RMS 0.7535
size [# of strips]

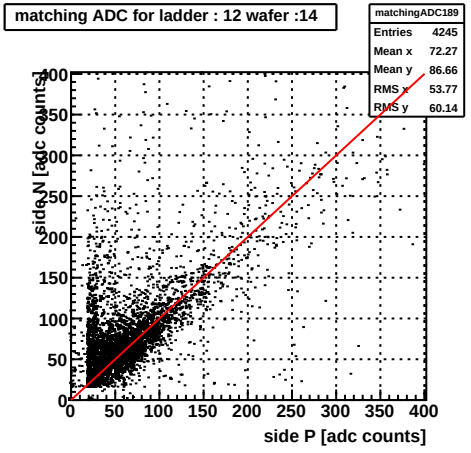

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1879
Mean x 85.7
Mean y 80.03
RMS x 57.75
RMS y 52.59
side N [adc counts]
side P [adc counts]

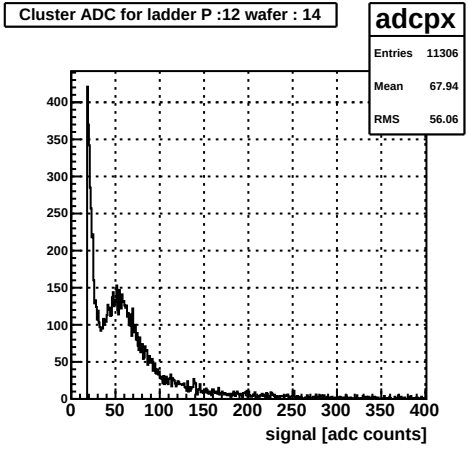

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4200
Mean 60.59
RMS 52.39
signal [adc counts]

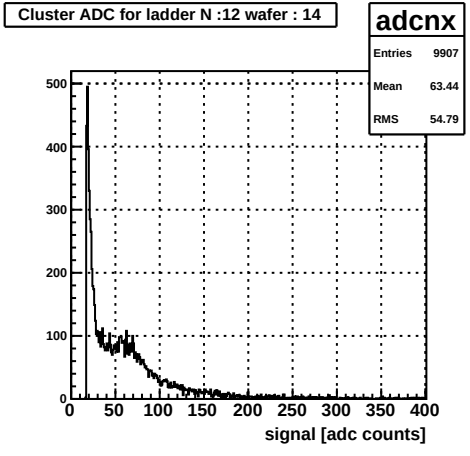

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 6713
Mean 75.6
RMS 55.87
signal [adc counts]

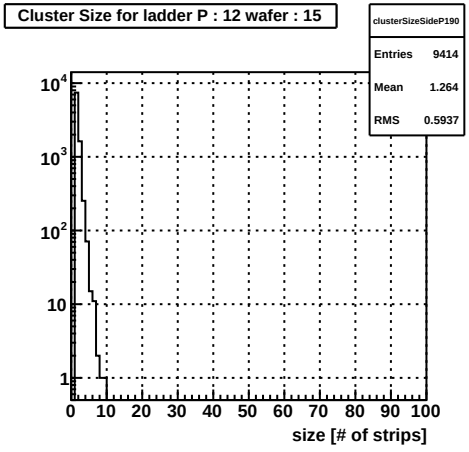

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 11306
Mean 1.365
RMS 0.6939
size [# of strips]

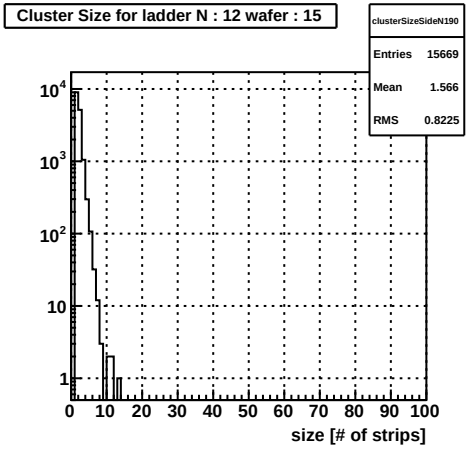

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 9907
Mean 1.413
RMS 0.7138
size [# of strips]

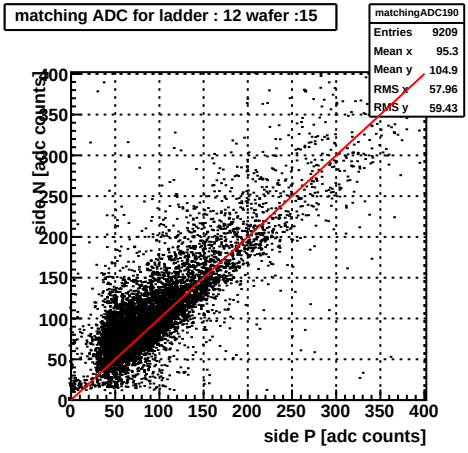

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4245
Mean x 72.27
Mean y 86.66
RMS x 53.77
RMS y 60.14
side N [adc counts]
side P [adc counts]

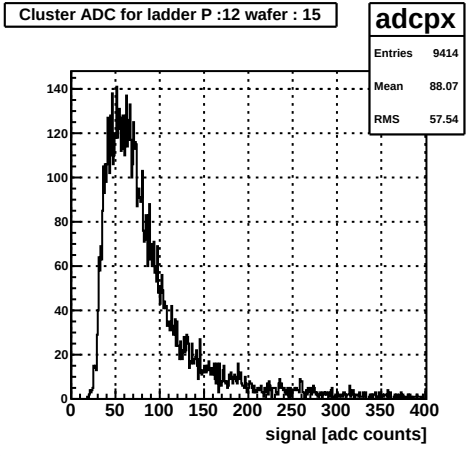

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 11306
Mean 67.94
RMS 56.06
signal [adc counts]

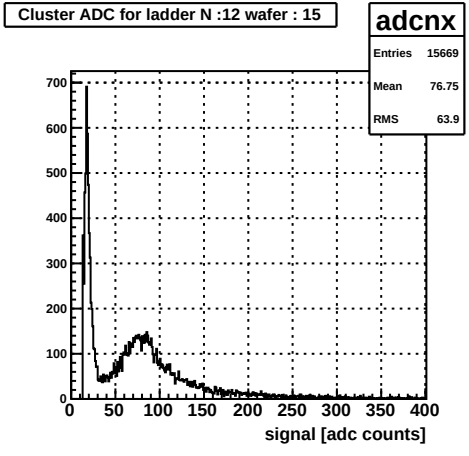

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 9907
Mean 63.44
RMS 54.79
signal [adc counts]

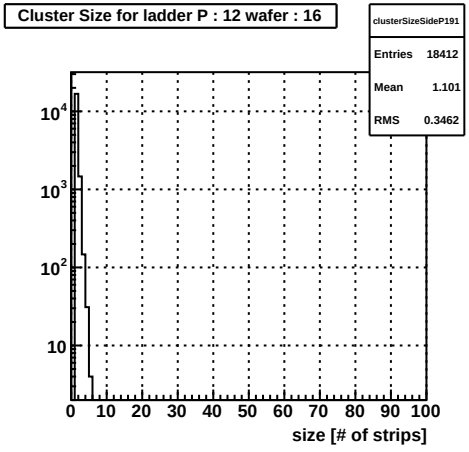

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9414
Mean 1.264
RMS 0.5937
size [# of strips]

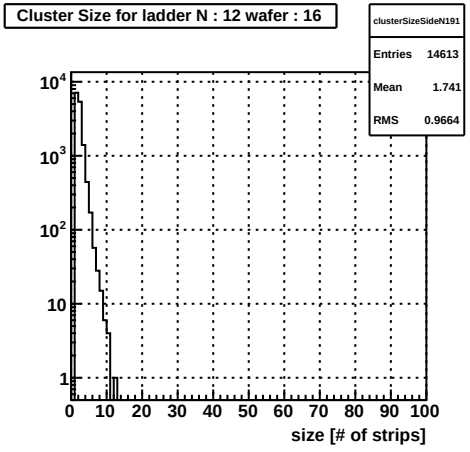

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 15669
Mean 1.566
RMS 0.8225
size [# of strips]

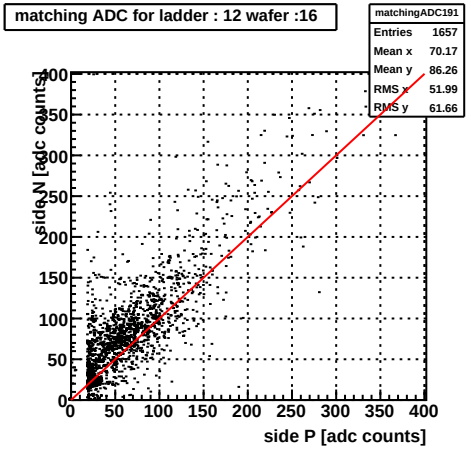

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9209
Mean x 95.3
Mean y 104.9
RMS x 57.96
RMS y 59.43
side N [adc counts]
side P [adc counts]

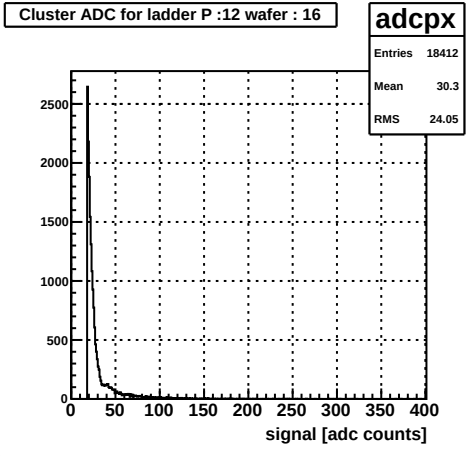

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9414
Mean 88.07
RMS 57.54
signal [adc counts]

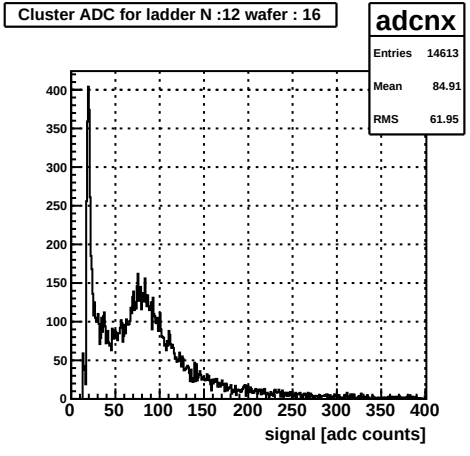

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 15669
Mean 76.75
RMS 63.9
signal [adc counts]

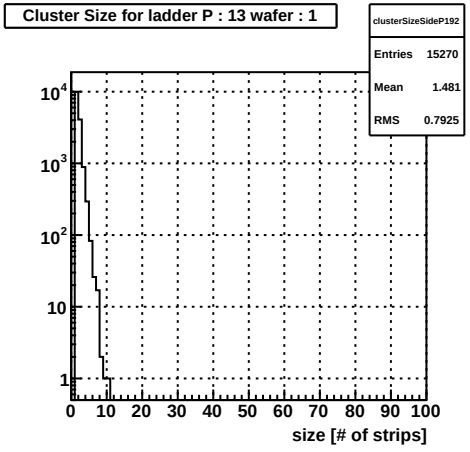

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18412
Mean 1.101
RMS 0.3462
size [# of strips]

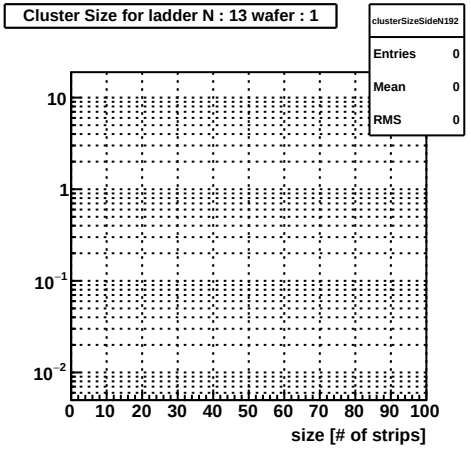

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 14613
Mean 1.741
RMS 0.9664
size [# of strips]

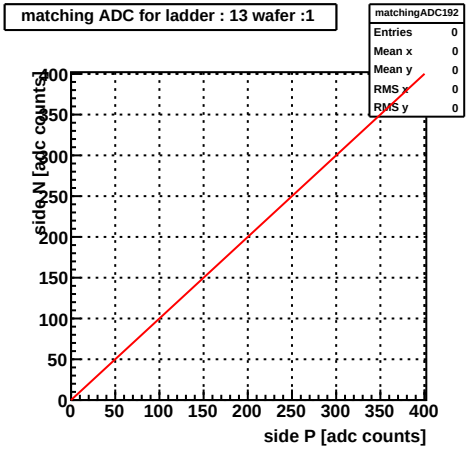

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1657
Mean x 70.17
Mean y 86.26
RMS x 51.99
RMS y 61.66
side N [adc counts]
side P [adc counts]

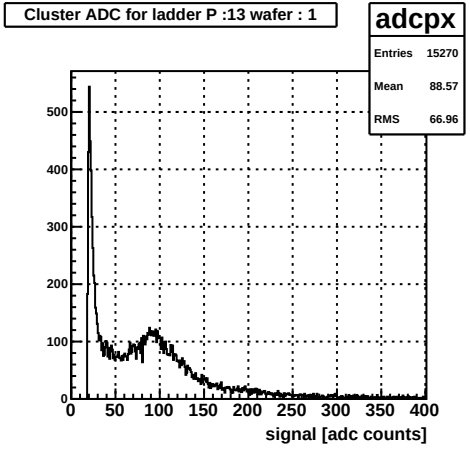

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18412
Mean 30.3
RMS 24.05
signal [adc counts]

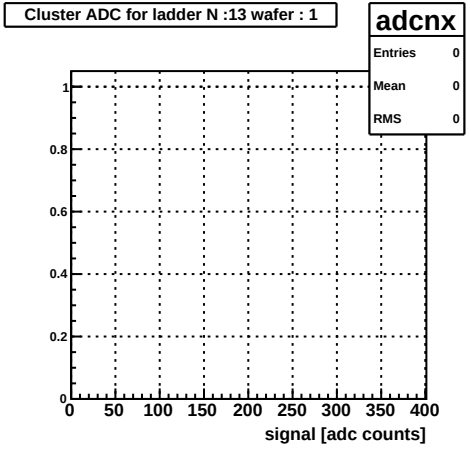

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 14613
Mean 84.91
RMS 61.95
signal [adc counts]

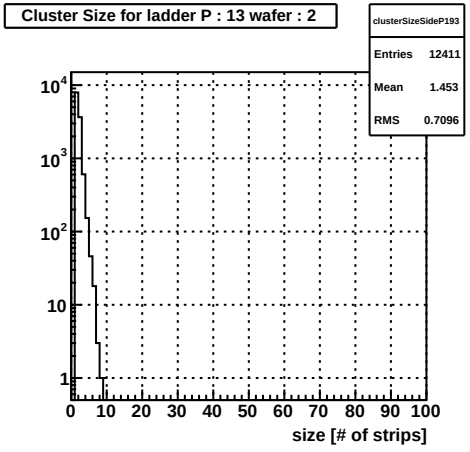

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 15270
Mean 1.481
RMS 0.7925
size [# of strips]

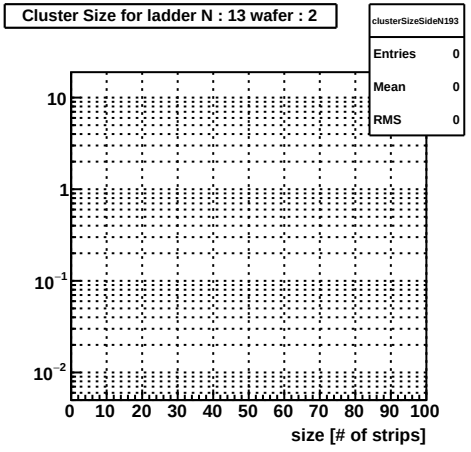

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 0
Mean 0
RMS 0
size [# of strips]

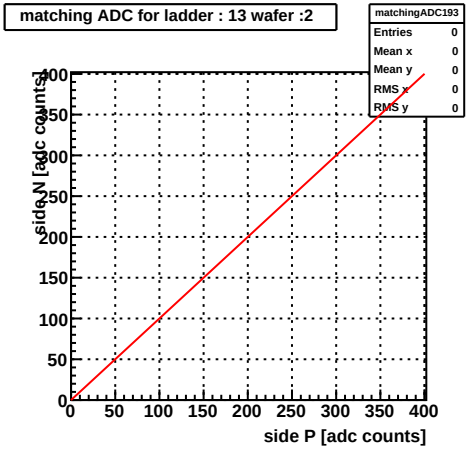

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

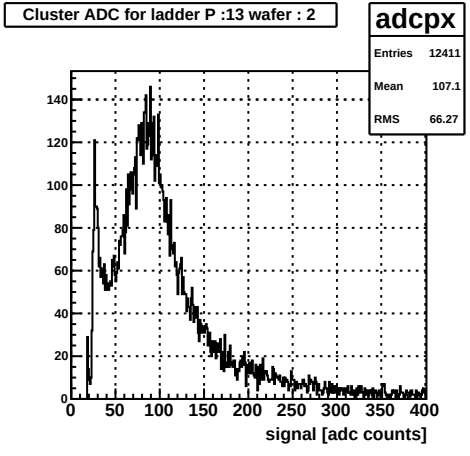

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 15270
Mean 88.57
RMS 66.96
signal [adc counts]

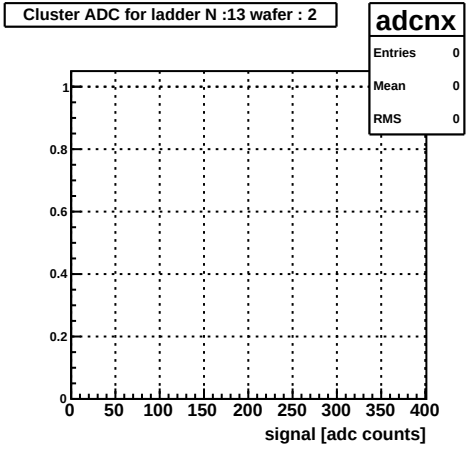

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

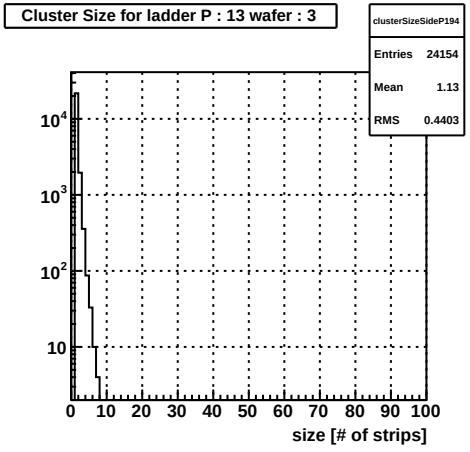

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 12411
Mean 1.453
RMS 0.7096
size [# of strips]

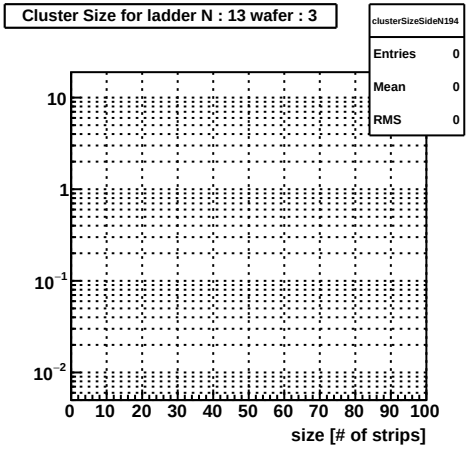

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 0
Mean 0
RMS 0
size [# of strips]

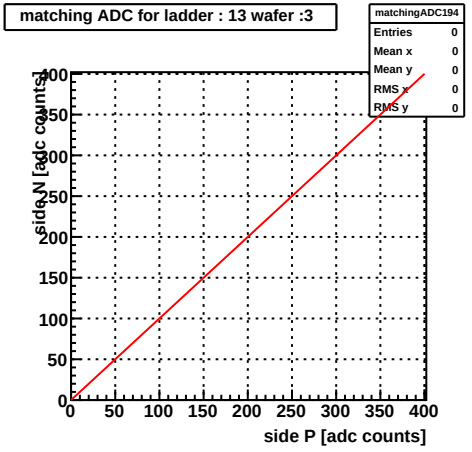

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

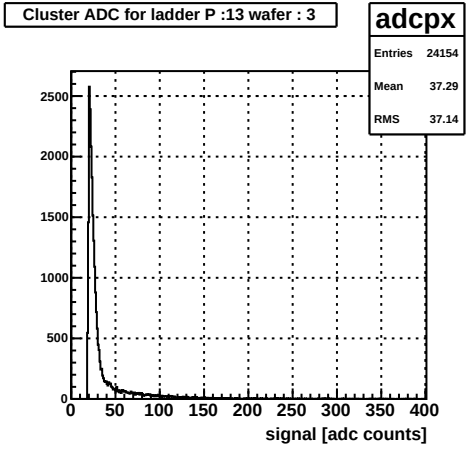

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 12411
Mean 107.1
RMS 66.27
signal [adc counts]

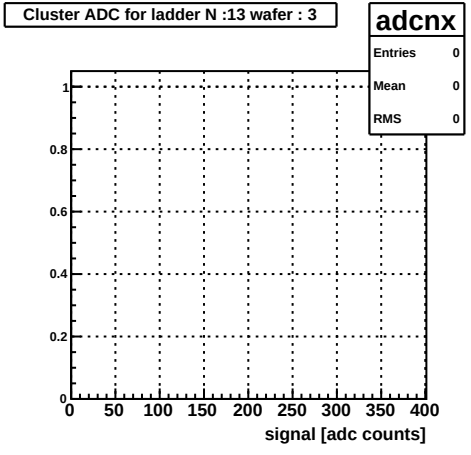

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

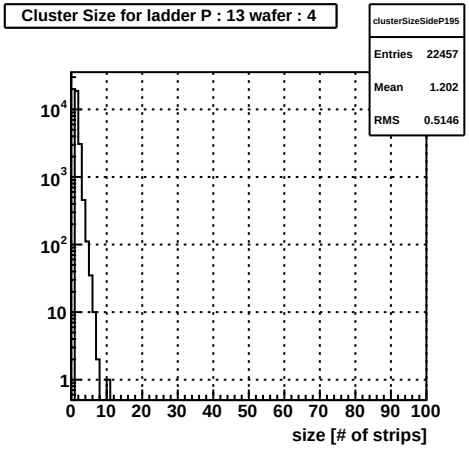

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 24154
Mean 1.13
RMS 0.4403
size [# of strips]

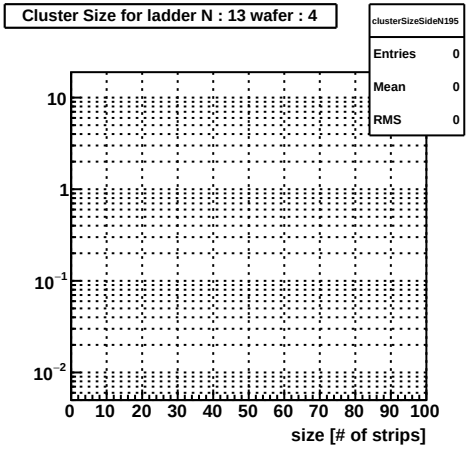

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 0
Mean 0
RMS 0
size [# of strips]

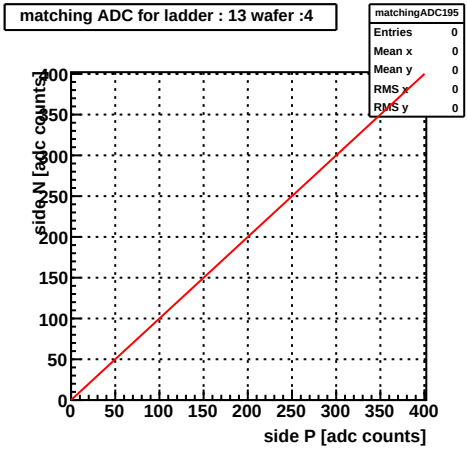

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

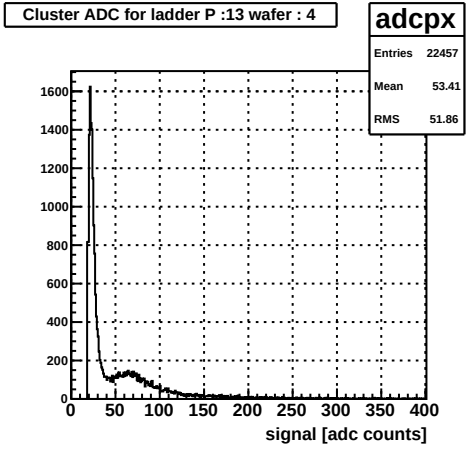

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 24154
Mean 37.29
RMS 37.14
signal [adc counts]

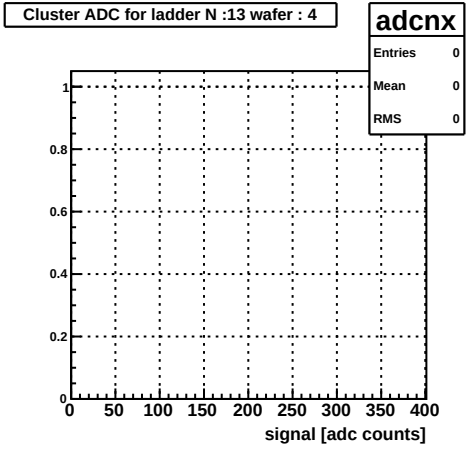

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

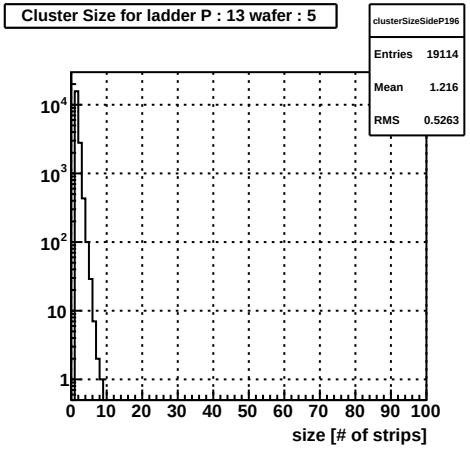

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 22457
Mean 1.202
RMS 0.5146
size [# of strips]

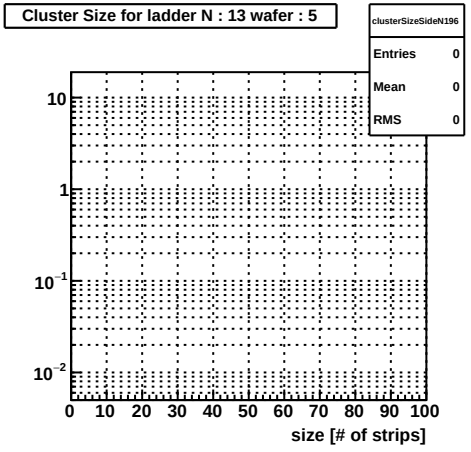

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 0
Mean 0
RMS 0
size [# of strips]

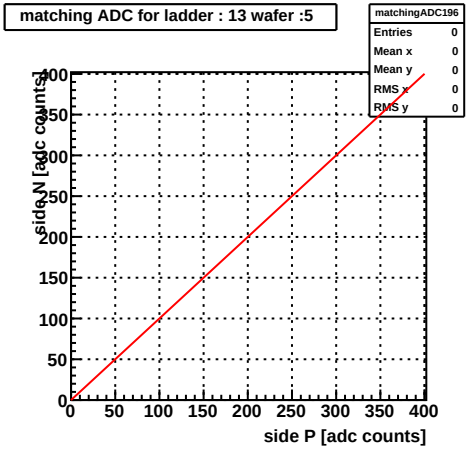

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

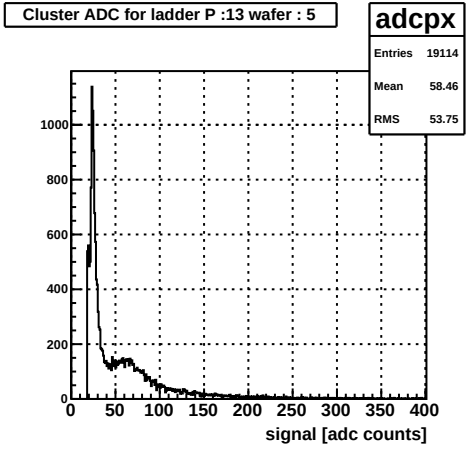

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 22457
Mean 53.41
RMS 51.86
signal [adc counts]

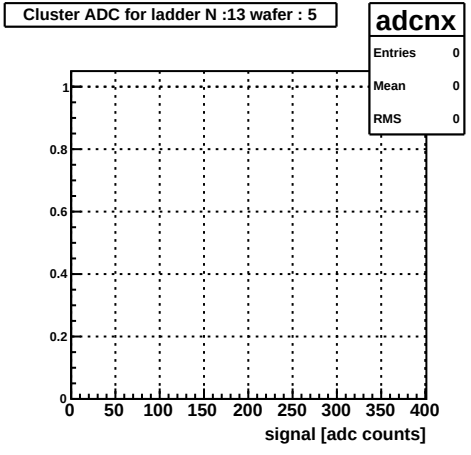

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

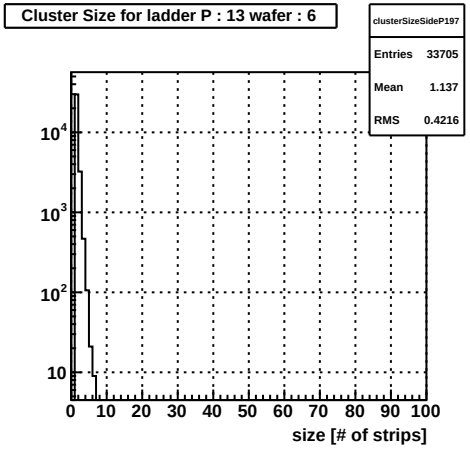

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 19114
Mean 1.216
RMS 0.5263
size [# of strips]

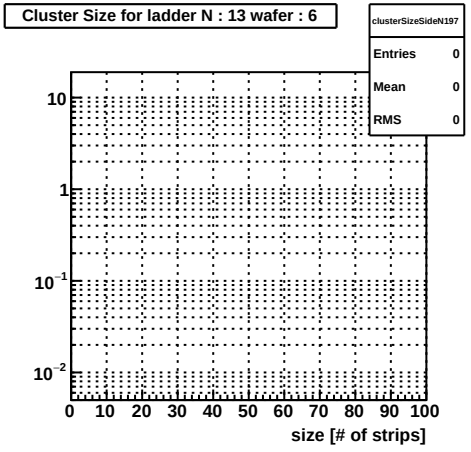

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 0
Mean 0
RMS 0
size [# of strips]

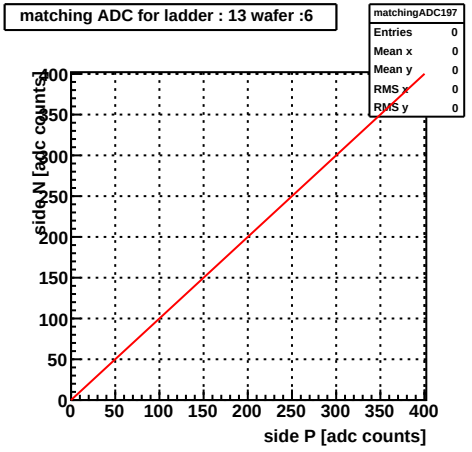

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

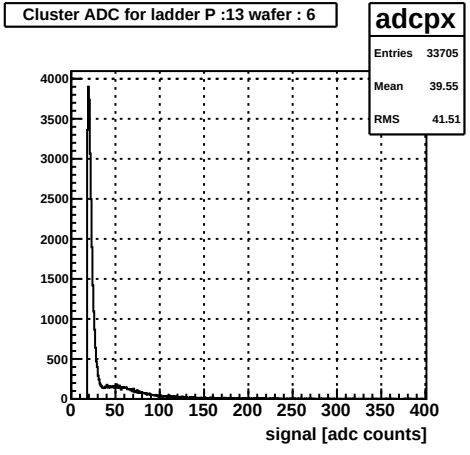

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 19114
Mean 58.46
RMS 53.75
signal [adc counts]

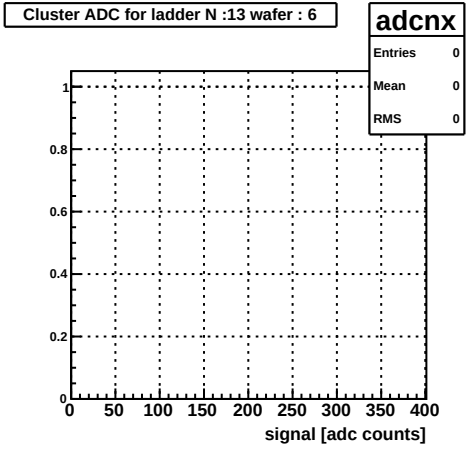

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

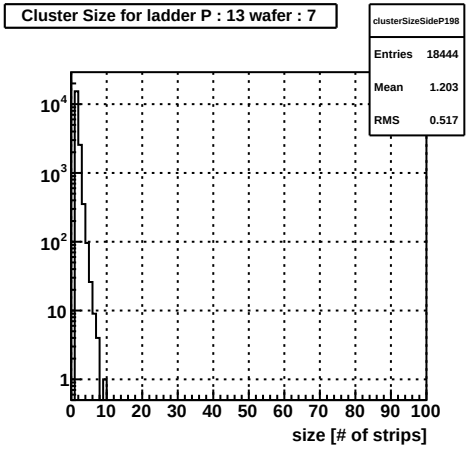

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 33705
Mean 1.137
RMS 0.4216
size [# of strips]

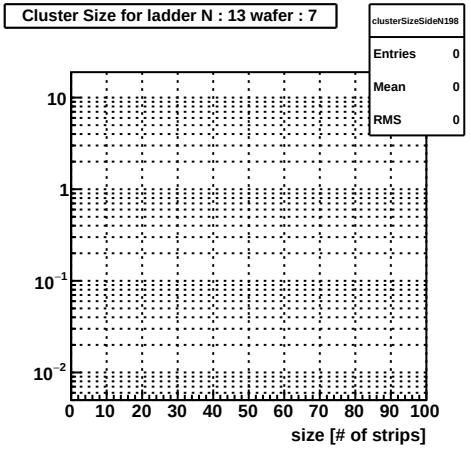

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 0
Mean 0
RMS 0
size [# of strips]

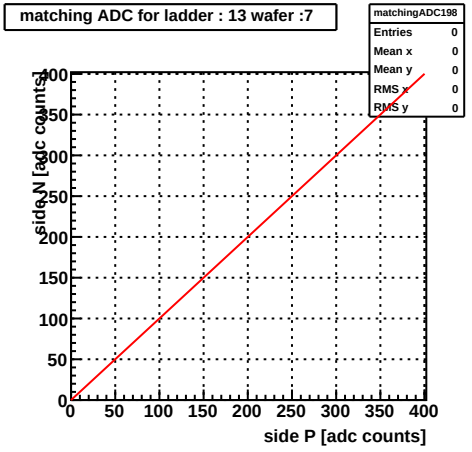

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

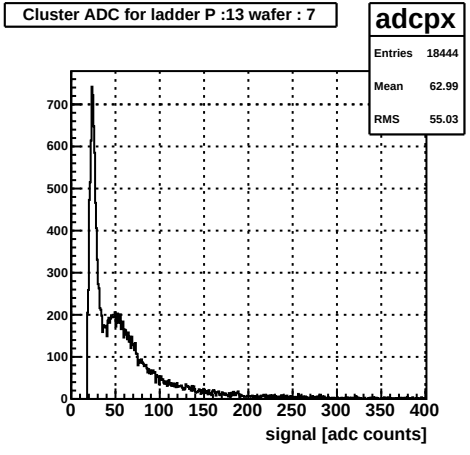

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 33705
Mean 39.55
RMS 41.51
signal [adc counts]

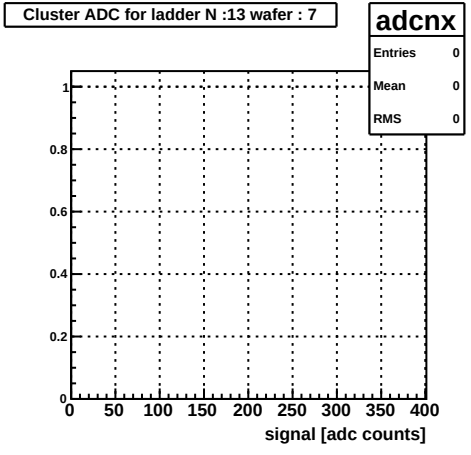

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

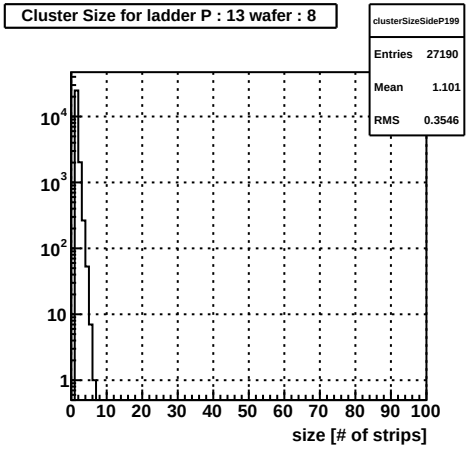

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 18444
Mean 1.203
RMS 0.517
size [# of strips]

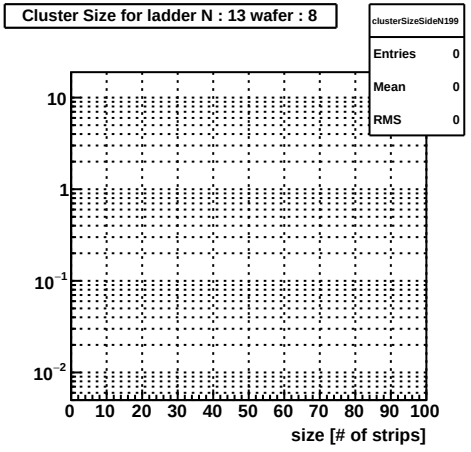

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 0
Mean 0
RMS 0
size [# of strips]

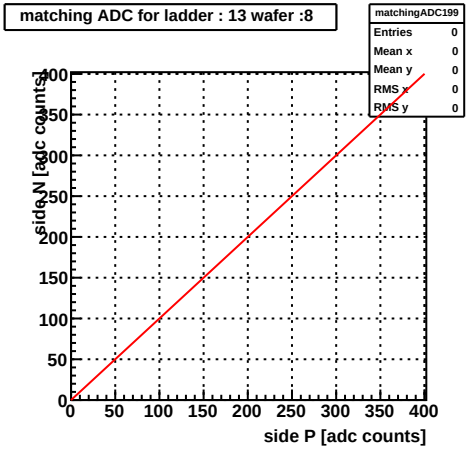

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

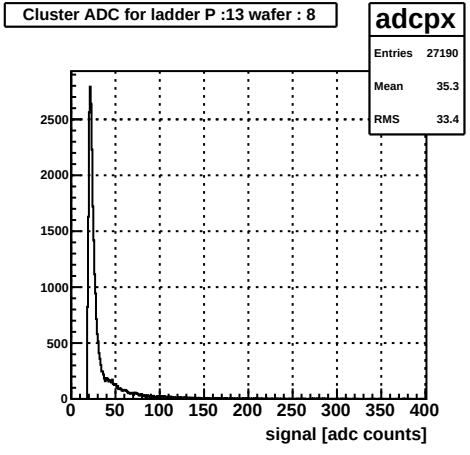

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 18444
Mean 62.99
RMS 55.03
signal [adc counts]

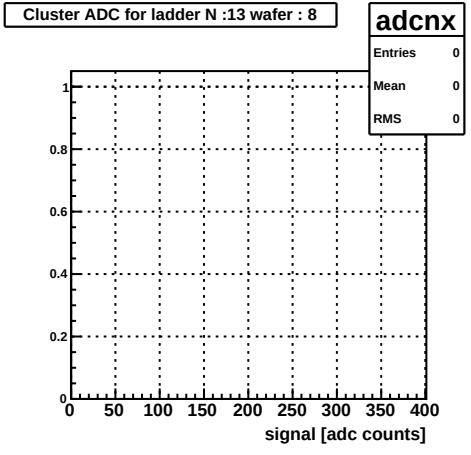

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

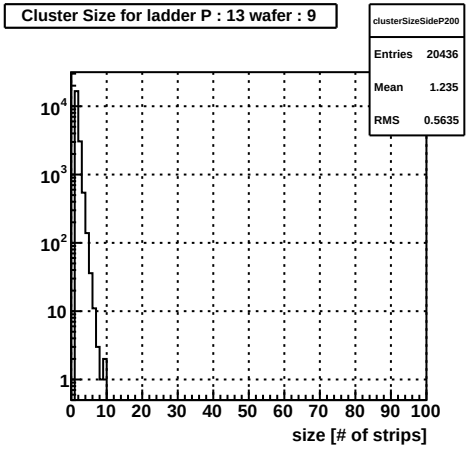

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 27190
Mean 1.101
RMS 0.3546
size [# of strips]

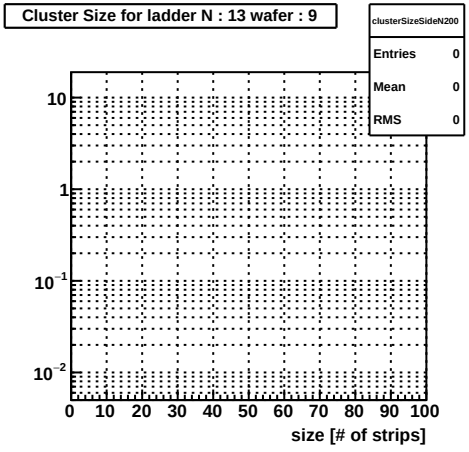

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 0
Mean 0
RMS 0
size [# of strips]

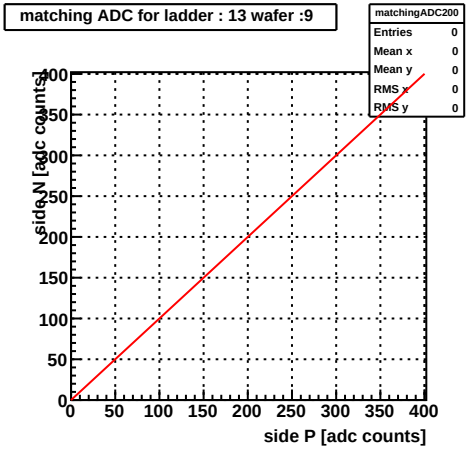

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

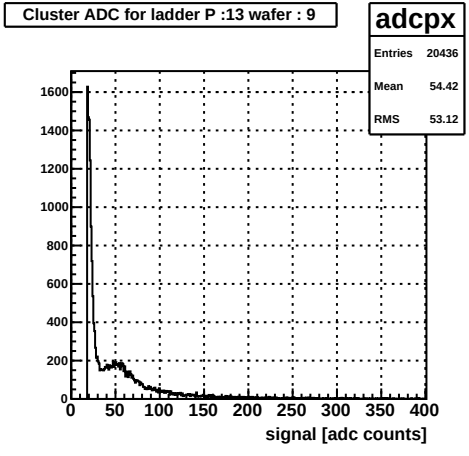

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 27190
Mean 35.3
RMS 33.4
signal [adc counts]

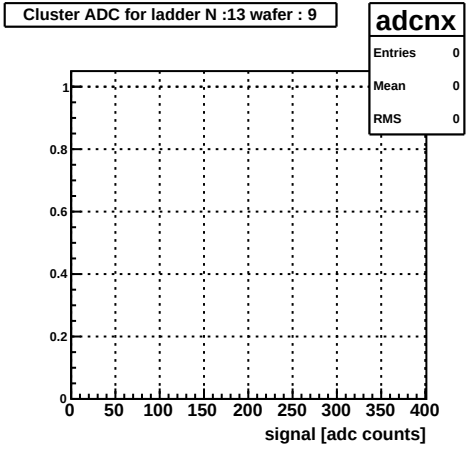

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

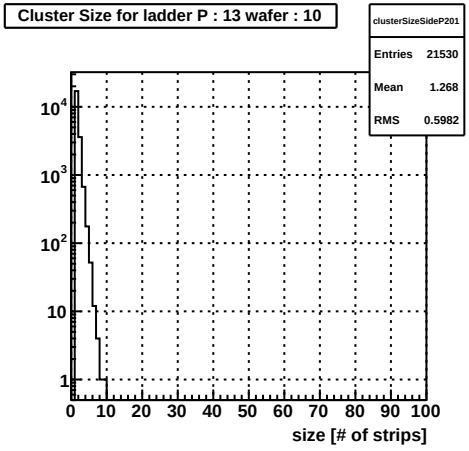

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 20436
Mean 1.235
RMS 0.5635
size [# of strips]

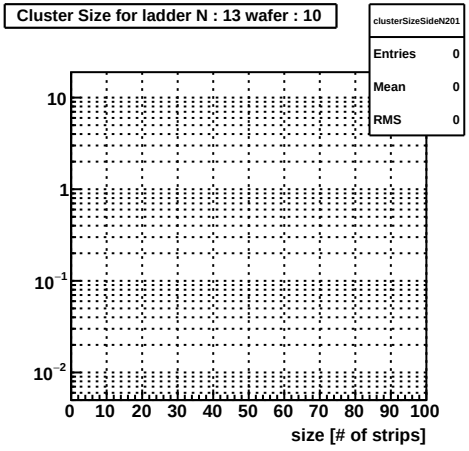

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 0
Mean 0
RMS 0
size [# of strips]

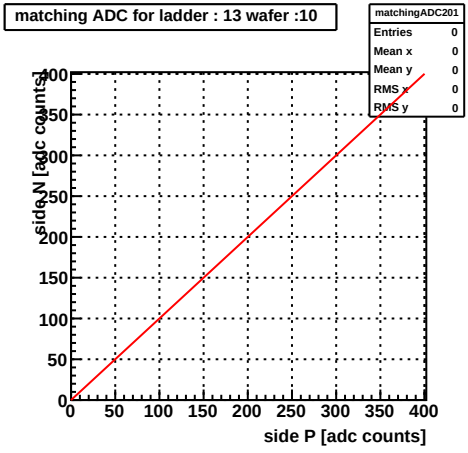

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

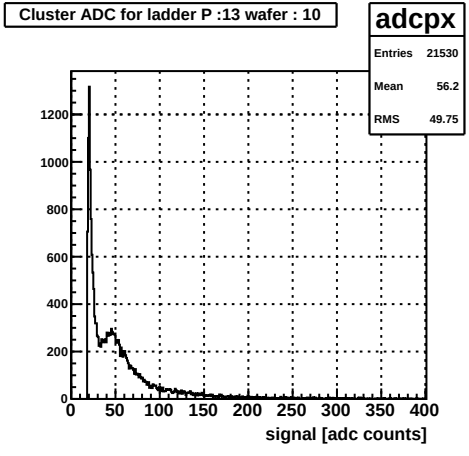

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 20436
Mean 54.42
RMS 53.12
signal [adc counts]

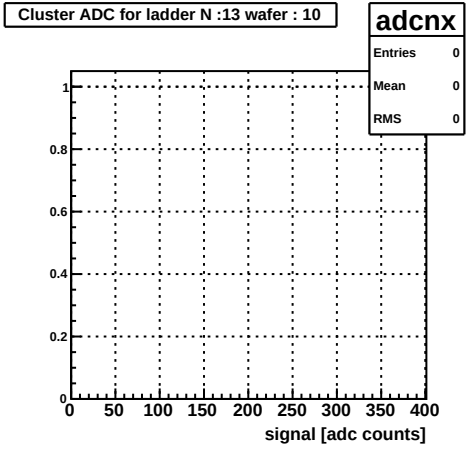

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

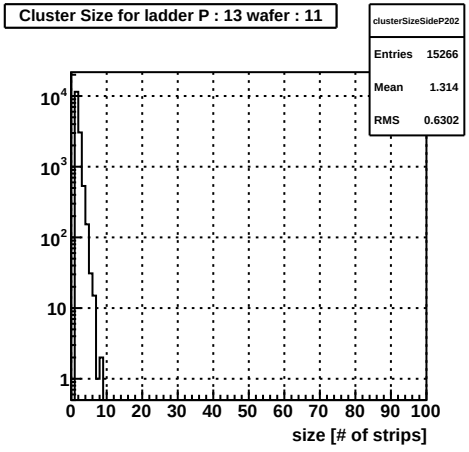

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 21530
Mean 1.268
RMS 0.5982
size [# of strips]

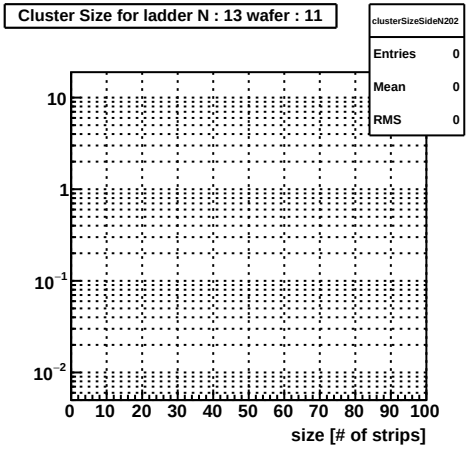

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 0
Mean 0
RMS 0
size [# of strips]

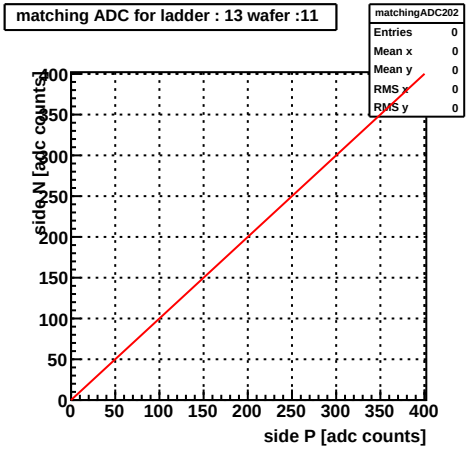

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

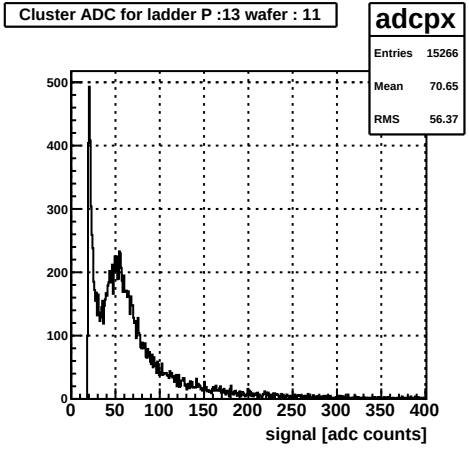

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 21530
Mean 56.2
RMS 49.75
signal [adc counts]

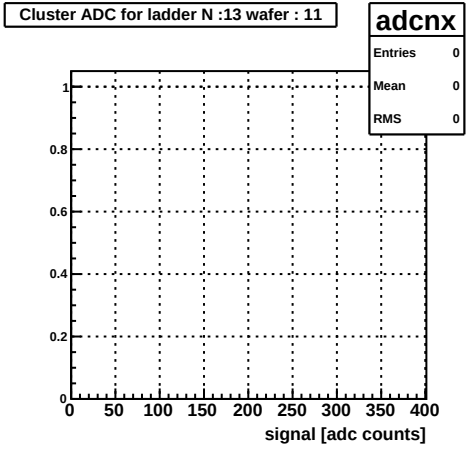

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

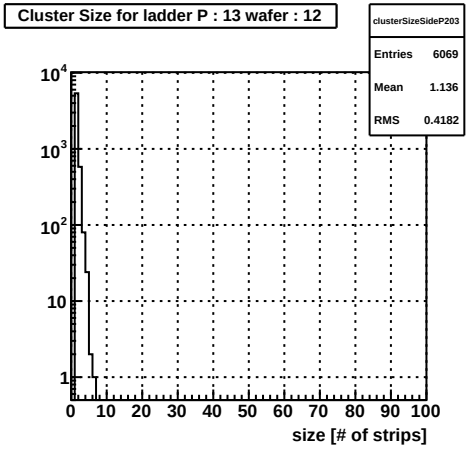

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 15266
Mean 1.314
RMS 0.6302
size [# of strips]

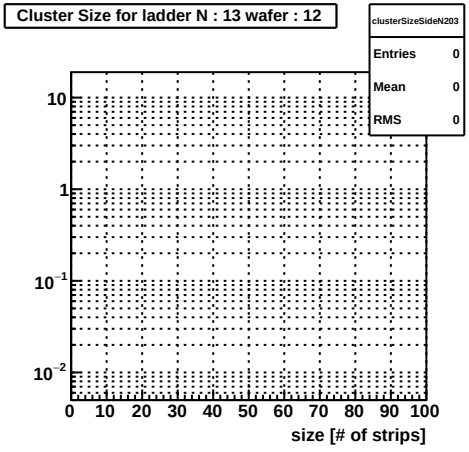

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 0
Mean 0
RMS 0
size [# of strips]

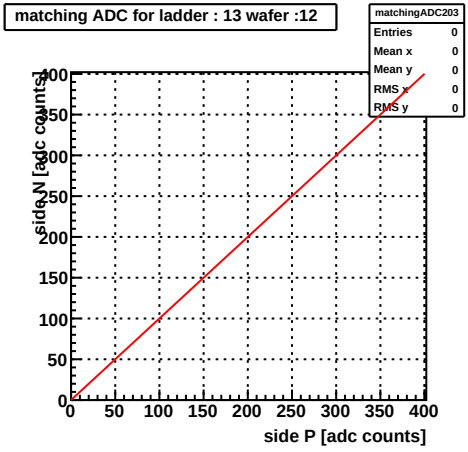

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

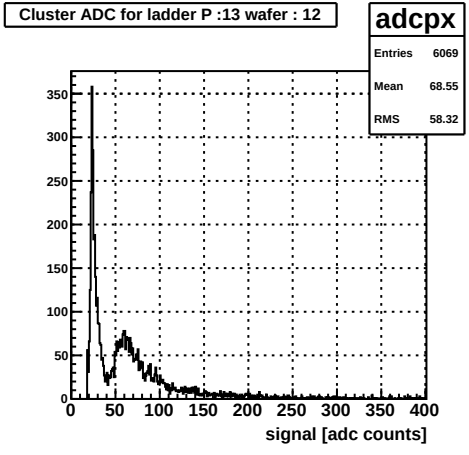

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 15266
Mean 70.65
RMS 56.37
signal [adc counts]

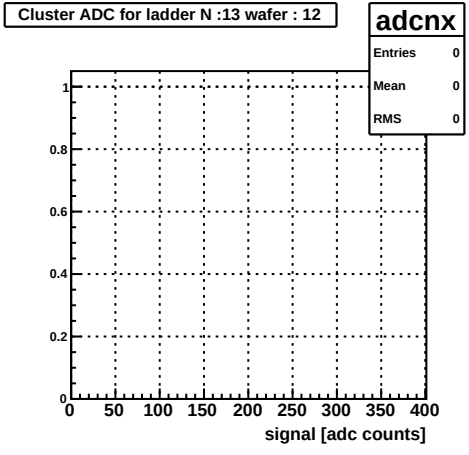

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

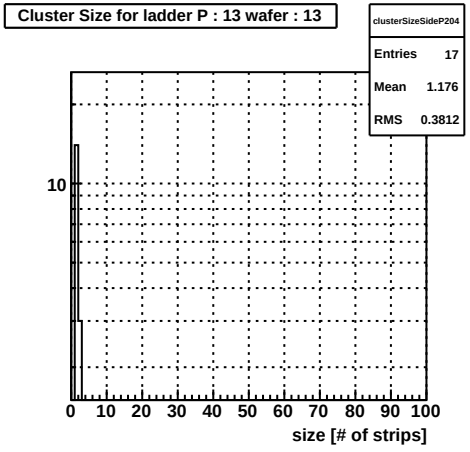

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6069
Mean 1.136
RMS 0.4182
size [# of strips]

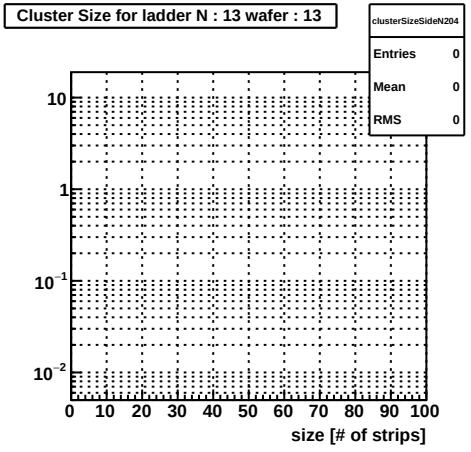

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 0
Mean 0
RMS 0
size [# of strips]

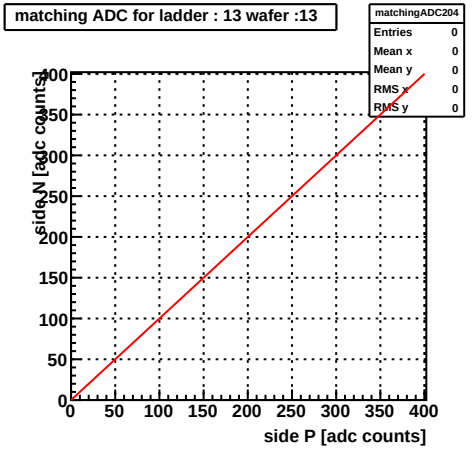

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

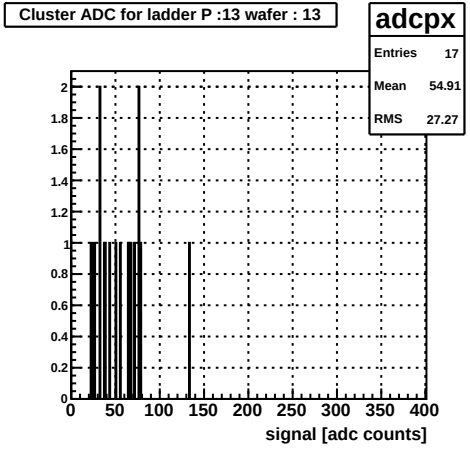

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6069
Mean 68.55
RMS 58.32
signal [adc counts]

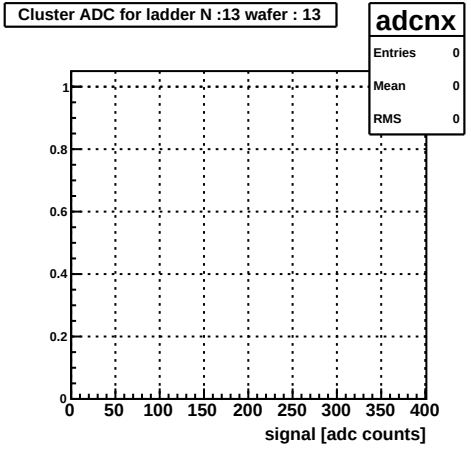

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

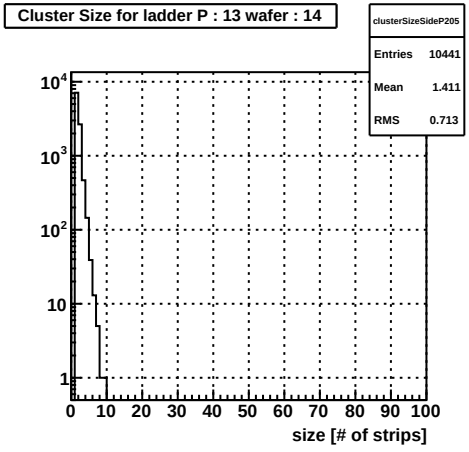

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 17
Mean 1.176
RMS 0.3812
size [# of strips]

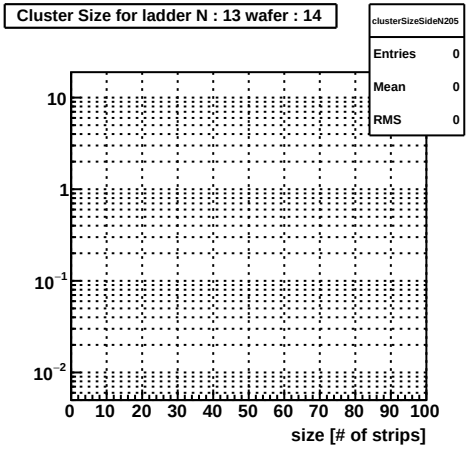

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 0
Mean 0
RMS 0
size [# of strips]

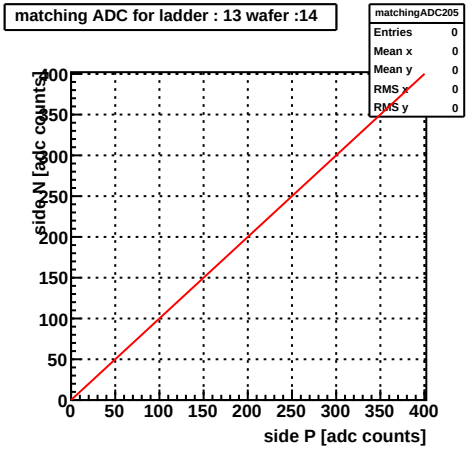

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

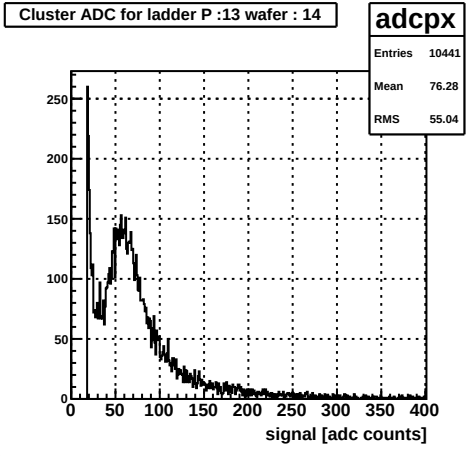

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 17
Mean 54.91
RMS 27.27
signal [adc counts]

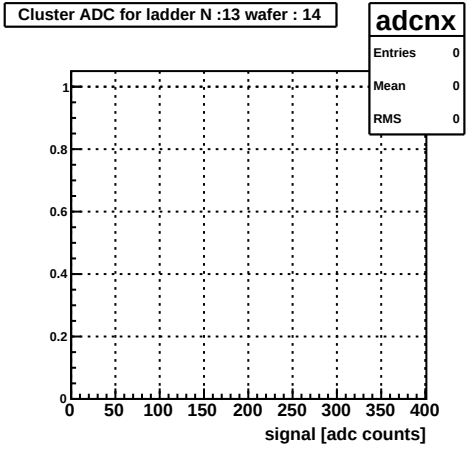

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

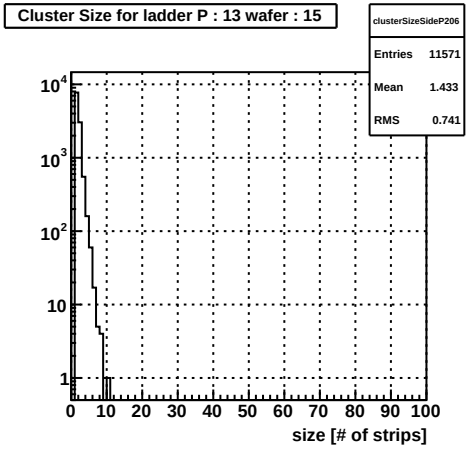

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 10441
Mean 1.411
RMS 0.713
size [# of strips]

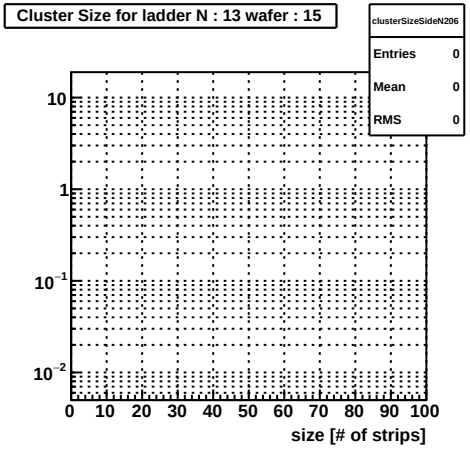

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 0
Mean 0
RMS 0
size [# of strips]

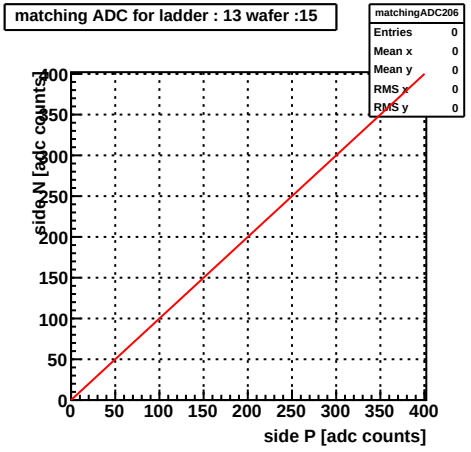

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

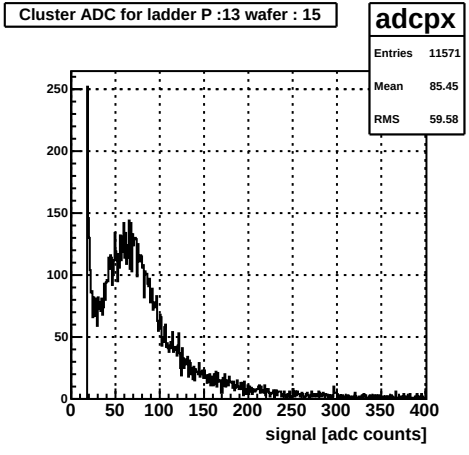

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 10441
Mean 76.28
RMS 55.04
signal [adc counts]

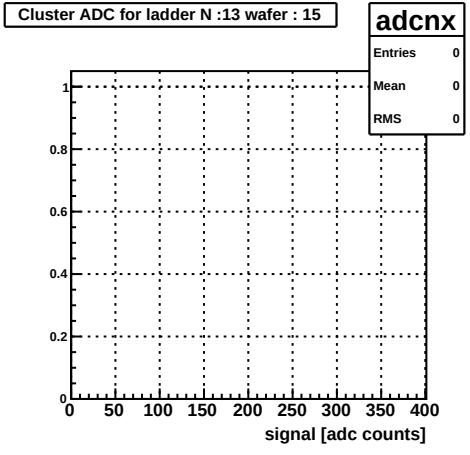

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

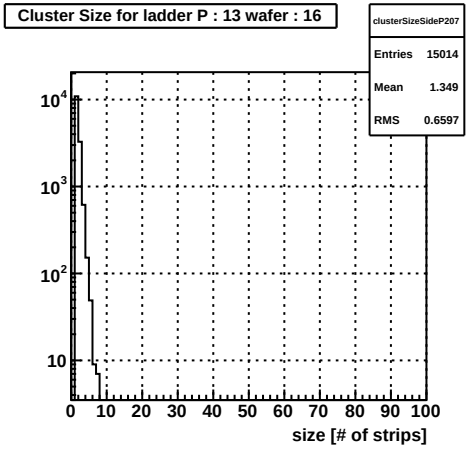

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 11571
Mean 1.433
RMS 0.741
size [# of strips]

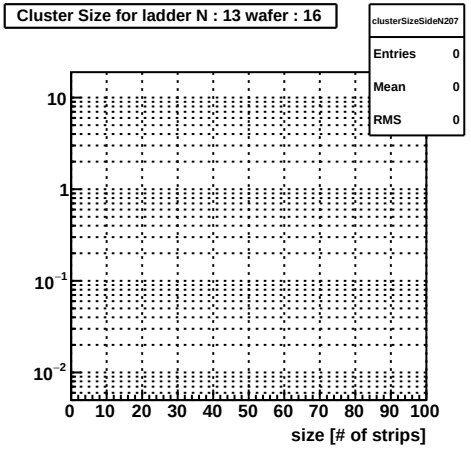

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 0
Mean 0
RMS 0
size [# of strips]

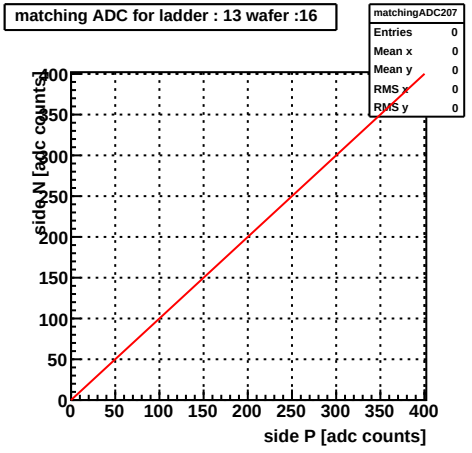

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

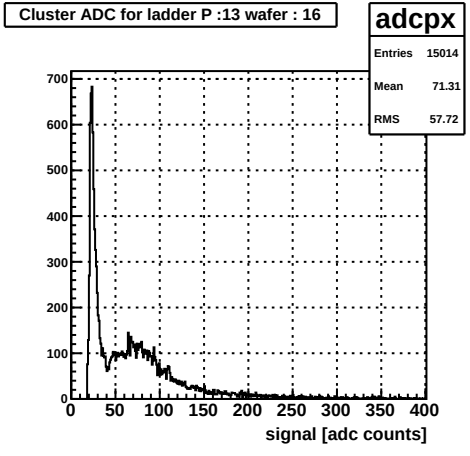

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 11571
Mean 85.45
RMS 59.58
signal [adc counts]

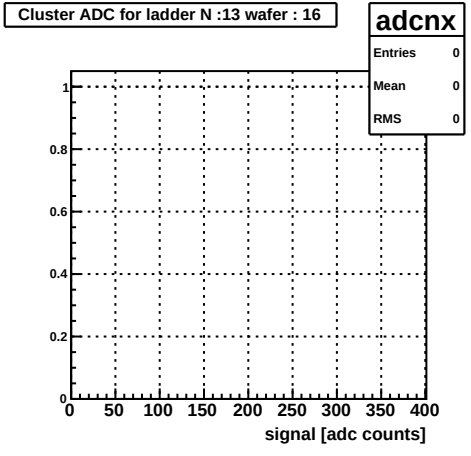

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

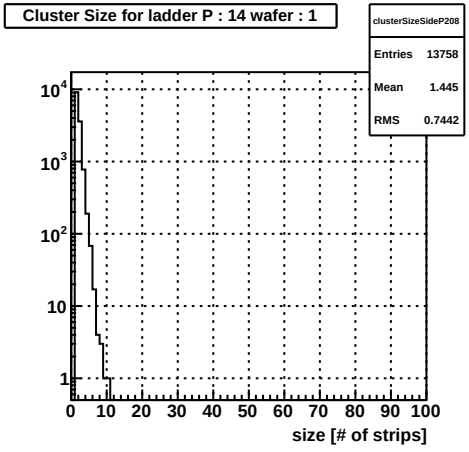

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 15014
Mean 1.349
RMS 0.6597
size [# of strips]

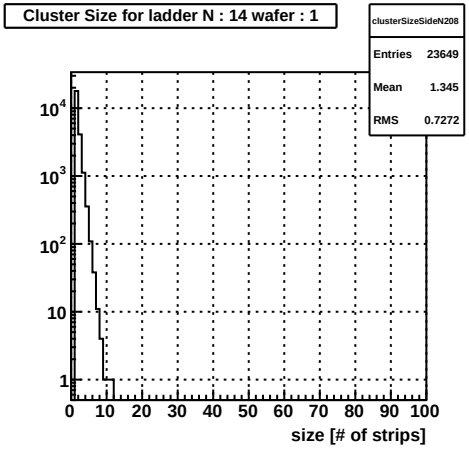

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 0
Mean 0
RMS 0
size [# of strips]

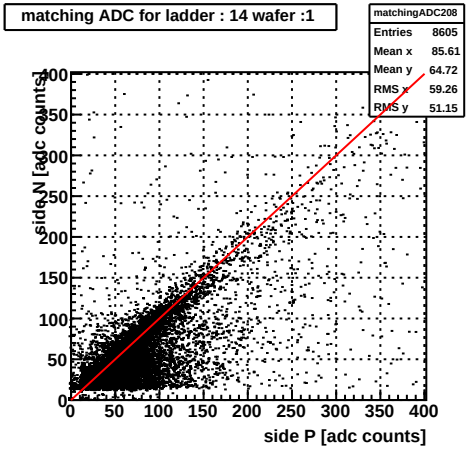

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

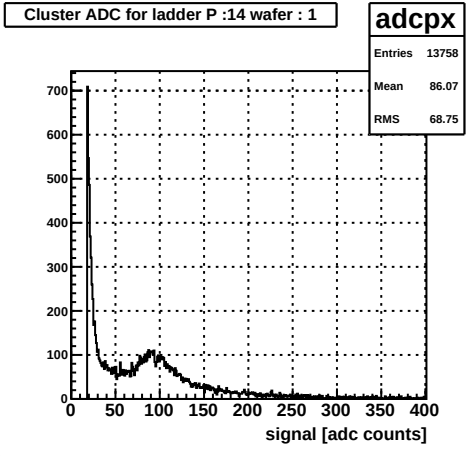

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 15014
Mean 71.31
RMS 57.72
signal [adc counts]

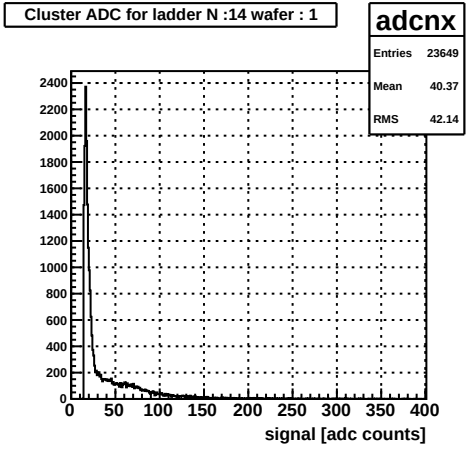

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

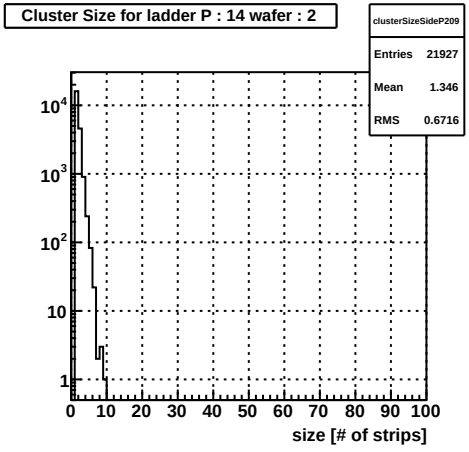

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 13758
Mean 1.445
RMS 0.7442
size [# of strips]

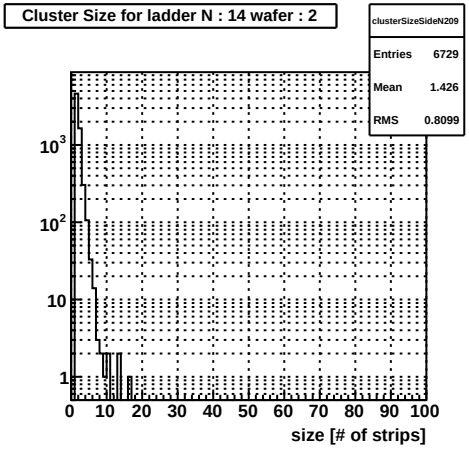

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 23649
Mean 1.345
RMS 0.7272
size [# of strips]

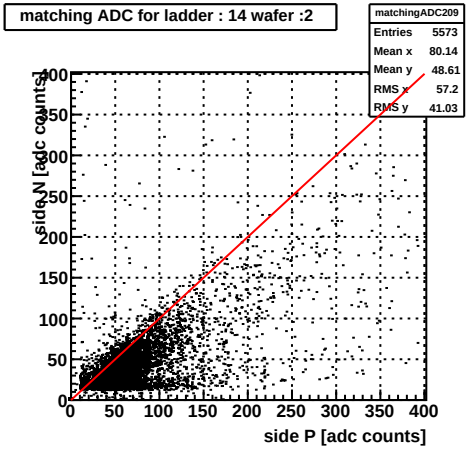

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 8605
Mean x 85.61
Mean y 64.72
RMS x 59.26
RMS y 51.15
side N [adc counts]
side P [adc counts]

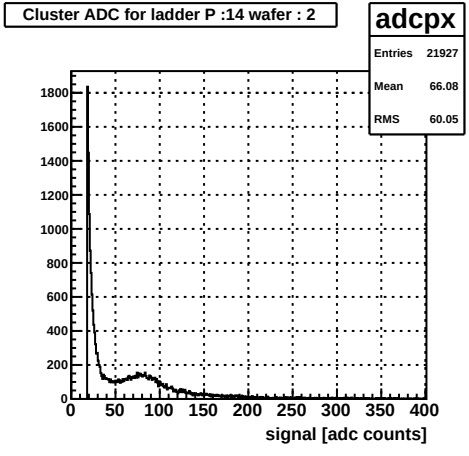

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 13758
Mean 86.07
RMS 68.75
signal [adc counts]

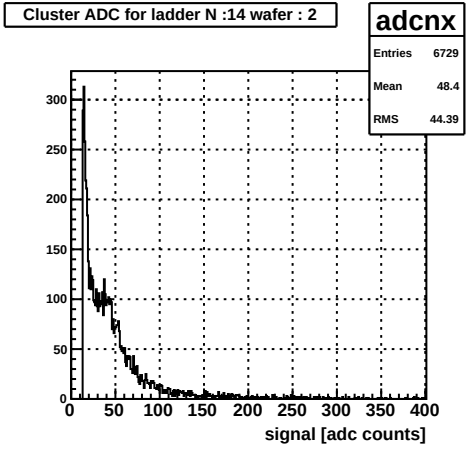

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 23649
Mean 40.37
RMS 42.14
signal [adc counts]

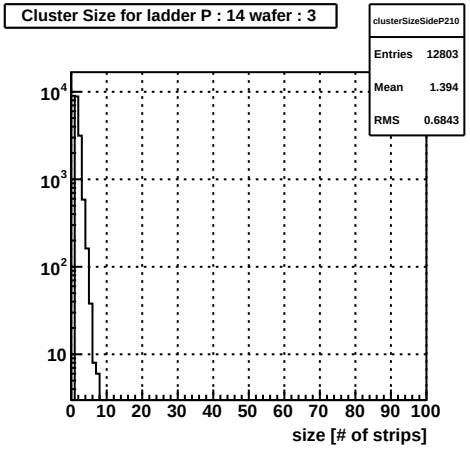

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 21927
Mean 1.346
RMS 0.6716
size [# of strips]

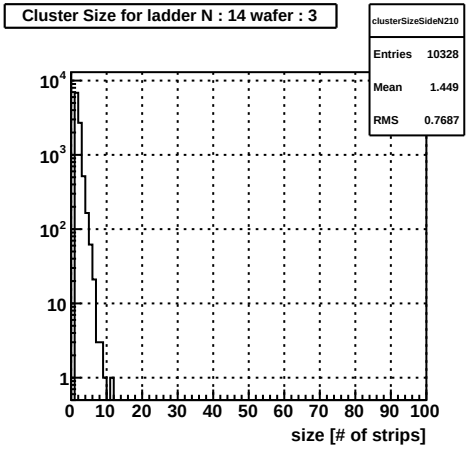

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6729
Mean 1.426
RMS 0.8099
size [# of strips]

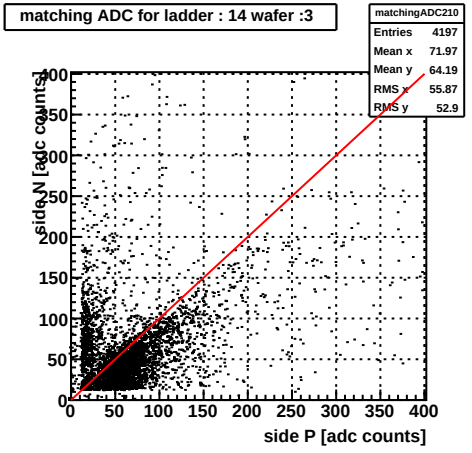

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5573
Mean x 80.14
Mean y 48.61
RMS x 57.2
RMS y 41.03
side N [adc counts]
side P [adc counts]

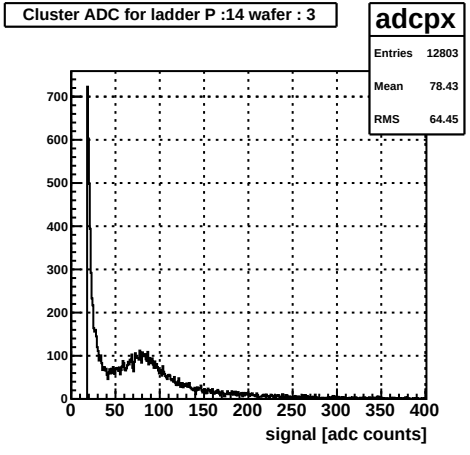

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 21927
Mean 66.08
RMS 60.05
signal [adc counts]

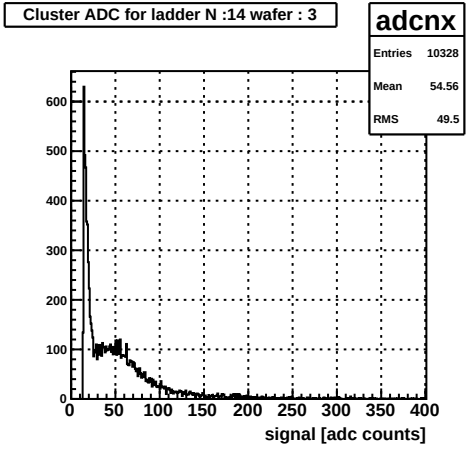

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6729
Mean 48.4
RMS 44.39
signal [adc counts]

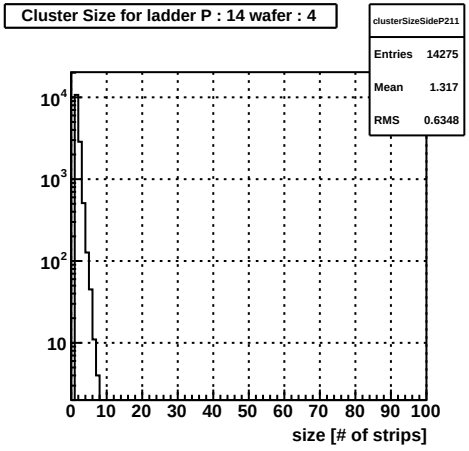

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 12803
Mean 1.394
RMS 0.6843
size [# of strips]

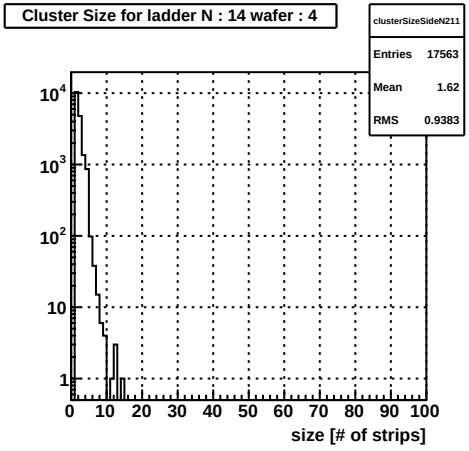

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 10328
Mean 1.449
RMS 0.7687
size [# of strips]

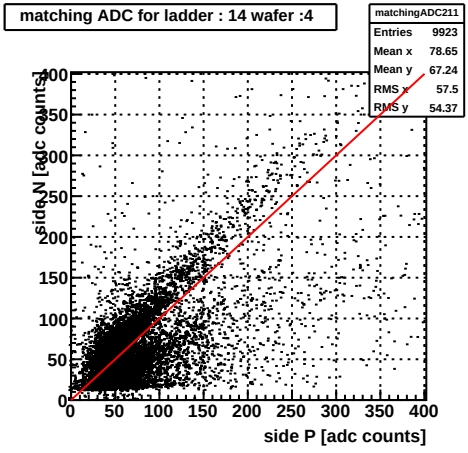

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4197
Mean x 71.97
Mean y 64.19
RMS x 55.87
RMS y 52.9
side N [adc counts]
side P [adc counts]

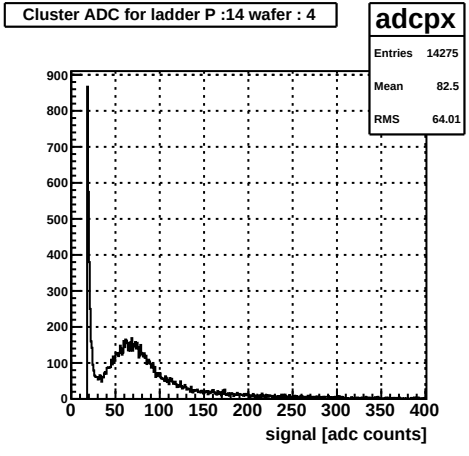

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 12803
Mean 78.43
RMS 64.45
signal [adc counts]

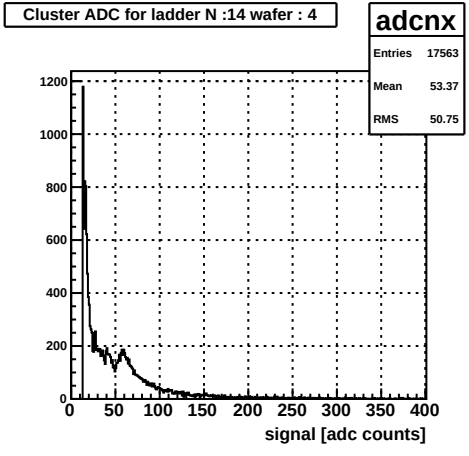

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 10328
Mean 54.56
RMS 49.5
signal [adc counts]

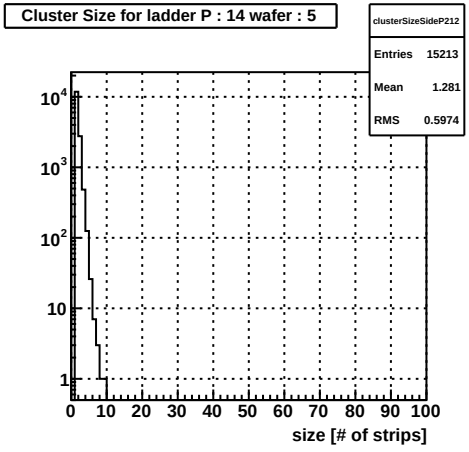

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 14275
Mean 1.317
RMS 0.6348
size [# of strips]

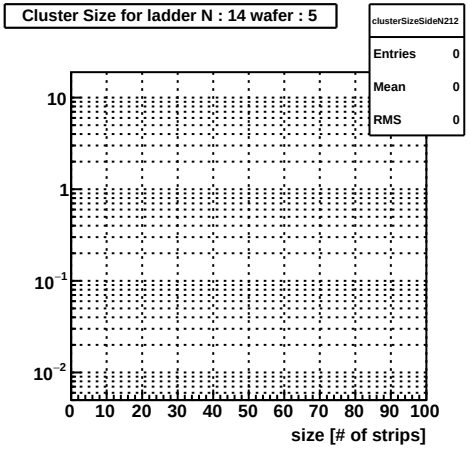

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17563
Mean 1.62
RMS 0.9383
size [# of strips]

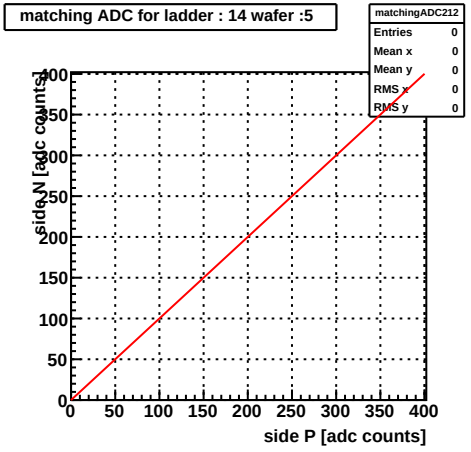

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 9923
Mean x 78.65
Mean y 67.24
RMS x 57.5
RMS y 54.37
side N [adc counts]
side P [adc counts]

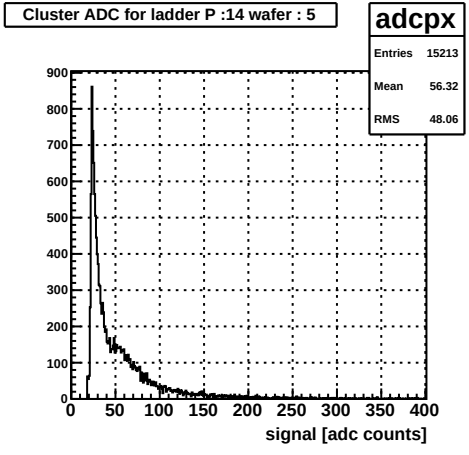

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 14275
Mean 82.5
RMS 64.01
signal [adc counts]

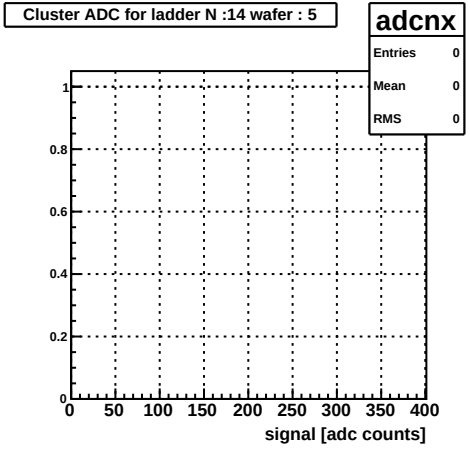

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17563
Mean 53.37
RMS 50.75
signal [adc counts]

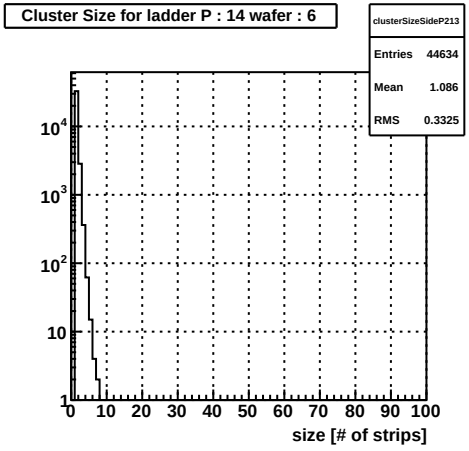

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 15213
Mean 1.281
RMS 0.5974
size [# of strips]

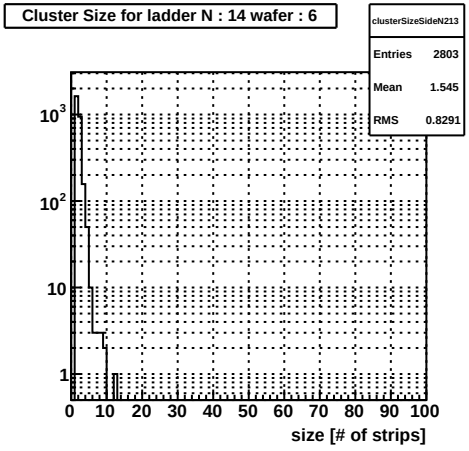

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

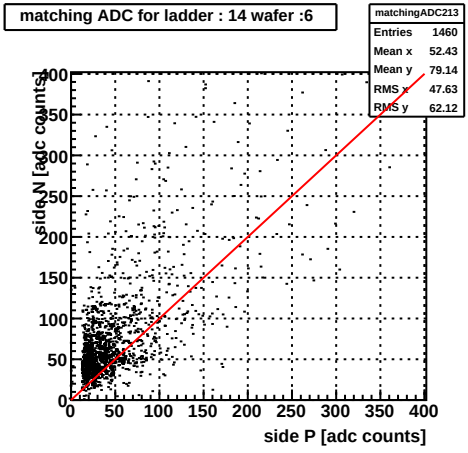

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

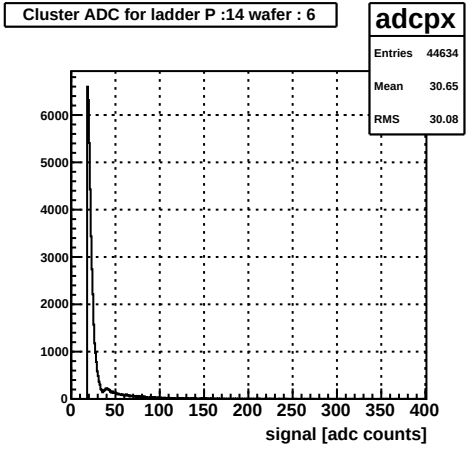

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 15213
Mean 56.32
RMS 48.06
signal [adc counts]

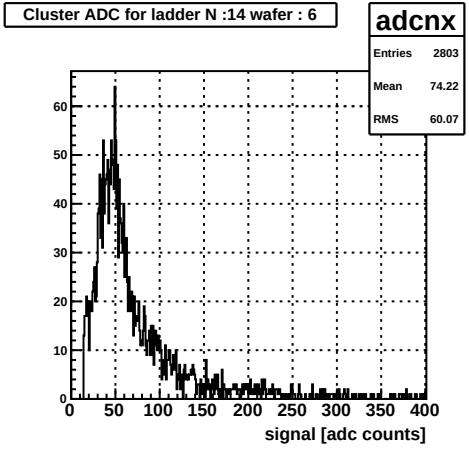

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

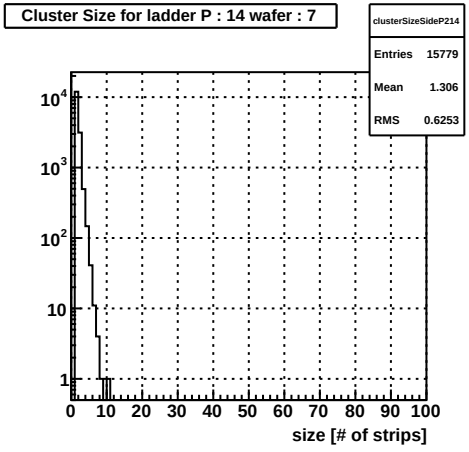

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 44634
Mean 1.086
RMS 0.3325
size [# of strips]

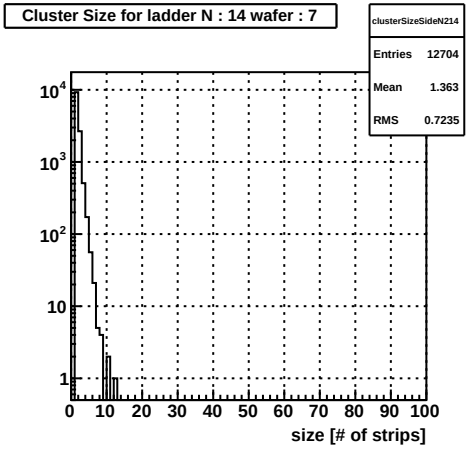

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2803
Mean 1.545
RMS 0.8291
size [# of strips]

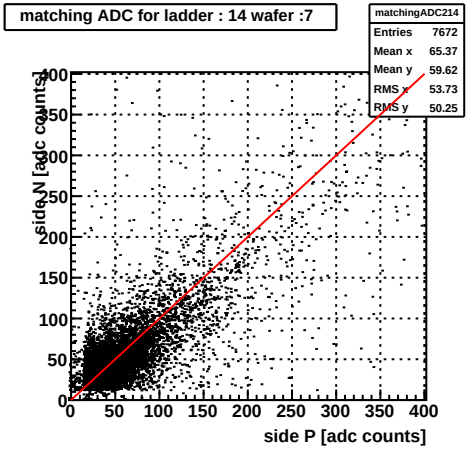

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1460
Mean x 52.43
Mean y 79.14
RMS x 47.63
RMS y 62.12
side N [adc counts]
side P [adc counts]

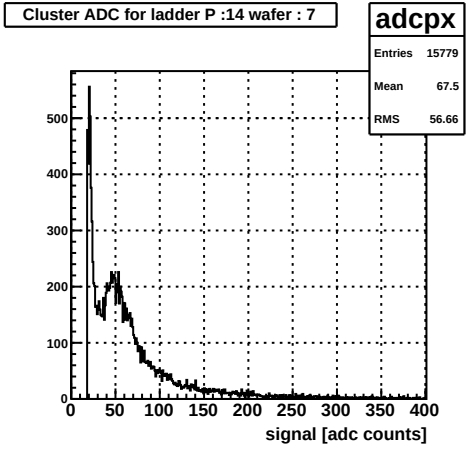

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 44634
Mean 30.65
RMS 30.08
signal [adc counts]

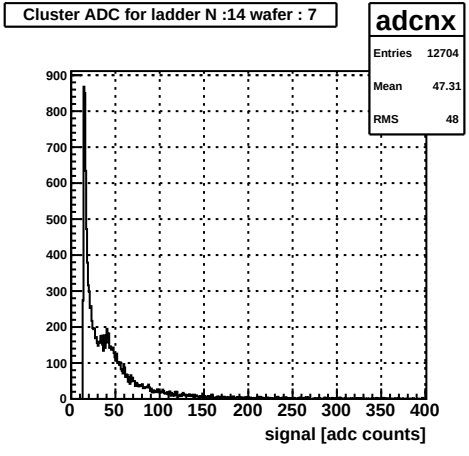

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2803
Mean 74.22
RMS 60.07
signal [adc counts]

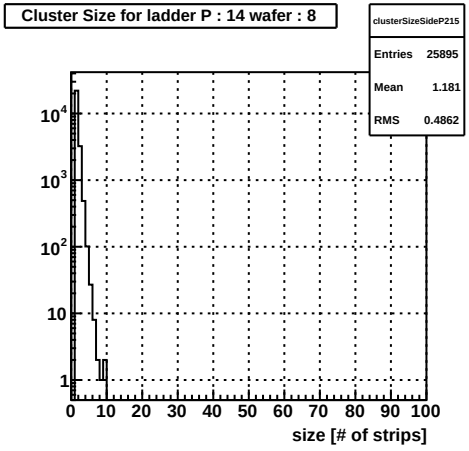

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 15779
Mean 1.306
RMS 0.6253
size [# of strips]

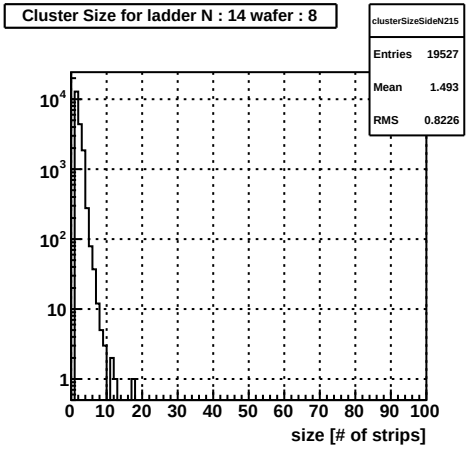

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12704
Mean 1.363
RMS 0.7235
size [# of strips]

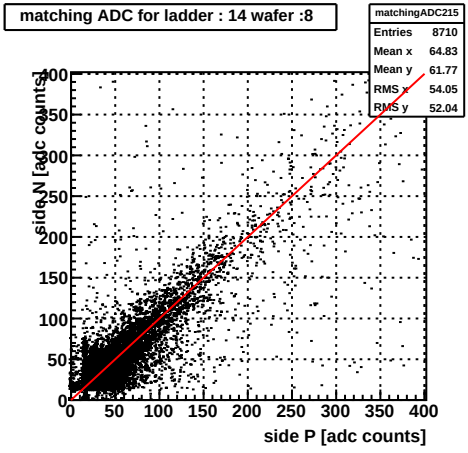

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7672
Mean x 65.37
Mean y 59.62
RMS x 53.73
RMS y 50.25
side N [adc counts]
side P [adc counts]

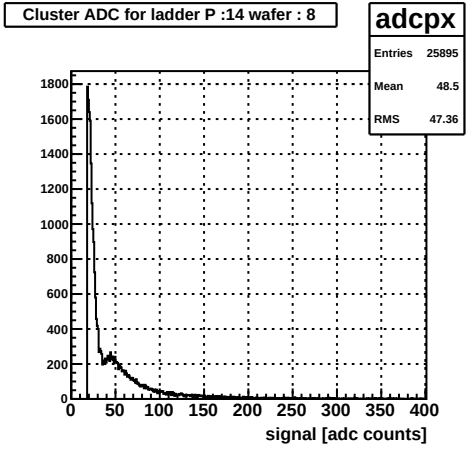

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 15779
Mean 67.5
RMS 56.66
signal [adc counts]

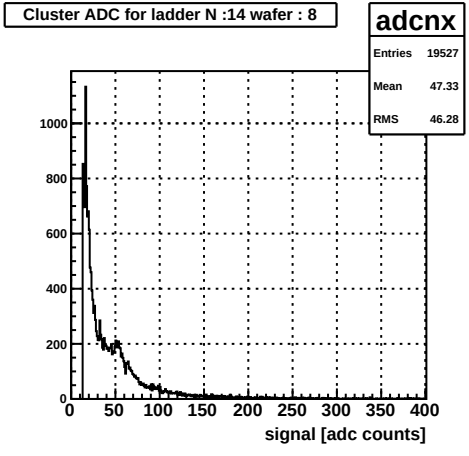

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12704
Mean 47.31
RMS 48
signal [adc counts]

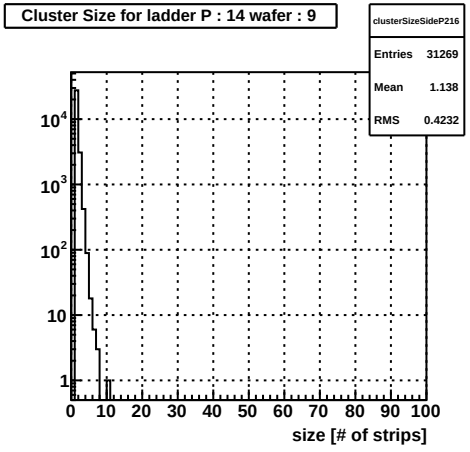

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 25895
Mean 1.181
RMS 0.4862
size [# of strips]

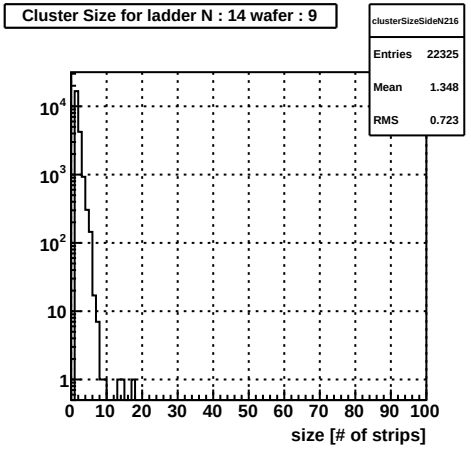

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 19527
Mean 1.493
RMS 0.8226
size [# of strips]

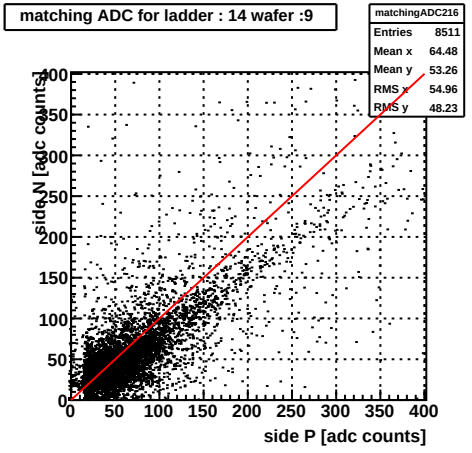

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 8710
Mean x 64.83
Mean y 61.77
RMS x 54.05
RMS y 52.04
side N [adc counts]
side P [adc counts]

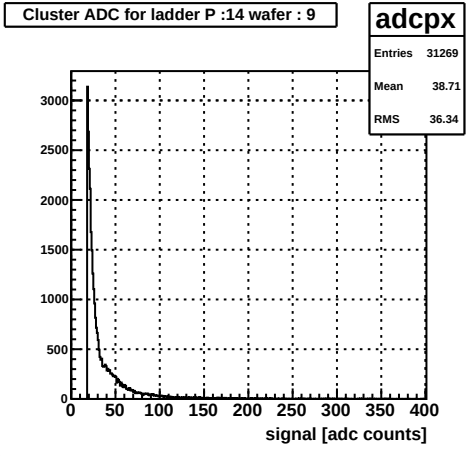

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 25895
Mean 48.5
RMS 47.36
signal [adc counts]

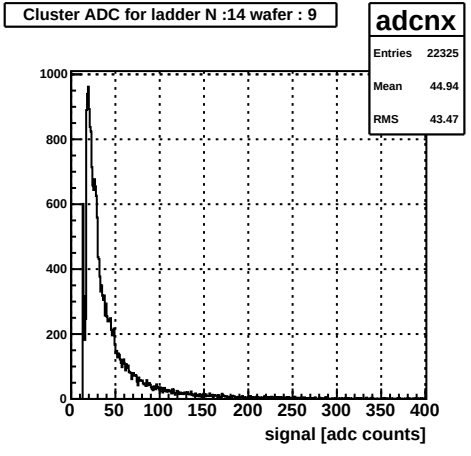

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 19527
Mean 47.33
RMS 46.28
signal [adc counts]

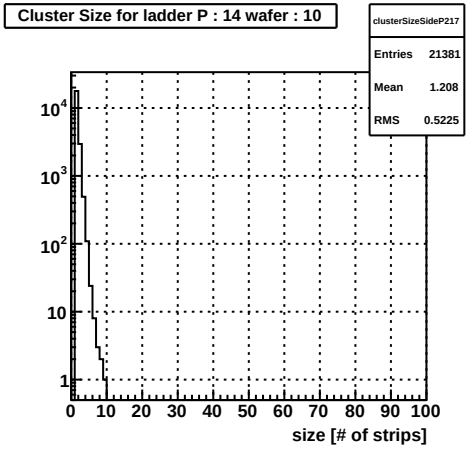

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 31269
Mean 1.138
RMS 0.4232
size [# of strips]

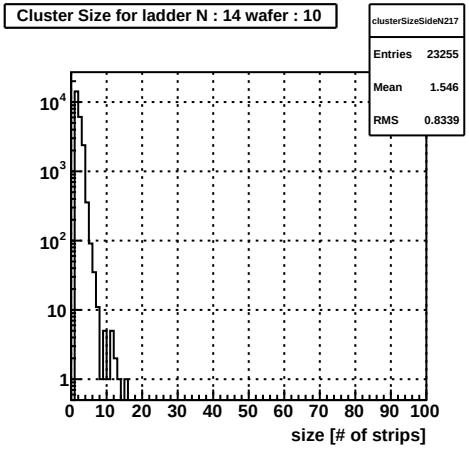

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 22325
Mean 1.348
RMS 0.723
size [# of strips]

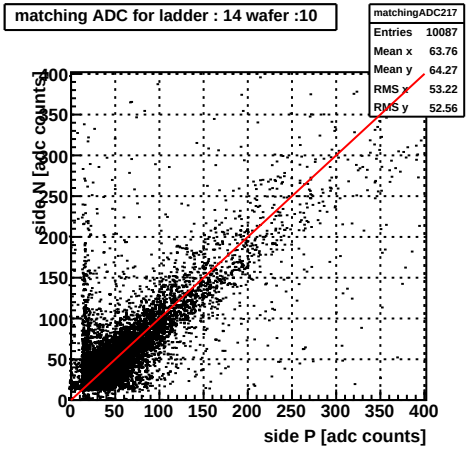

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 8511
Mean x 64.48
Mean y 53.26
RMS x 54.96
RMS y 48.23
side N [adc counts]
side P [adc counts]

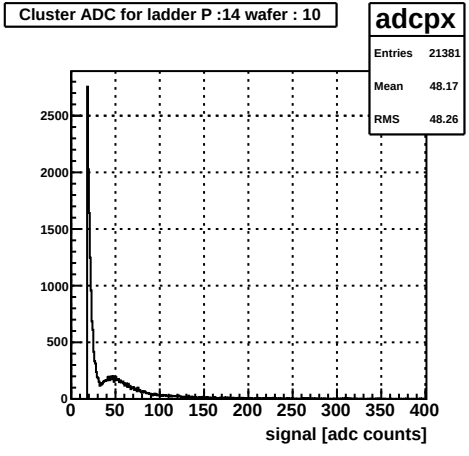

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 31269
Mean 38.71
RMS 36.34
signal [adc counts]

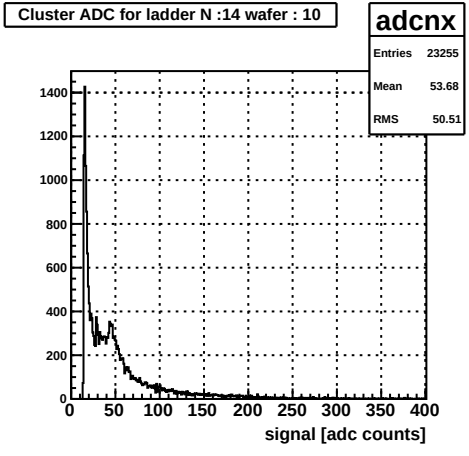

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 22325
Mean 44.94
RMS 43.47
signal [adc counts]

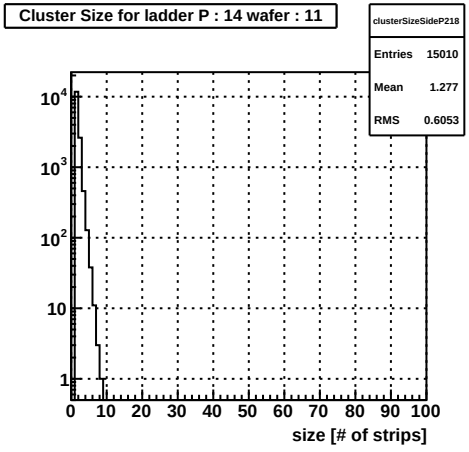

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 21381
Mean 1.208
RMS 0.5225
size [# of strips]

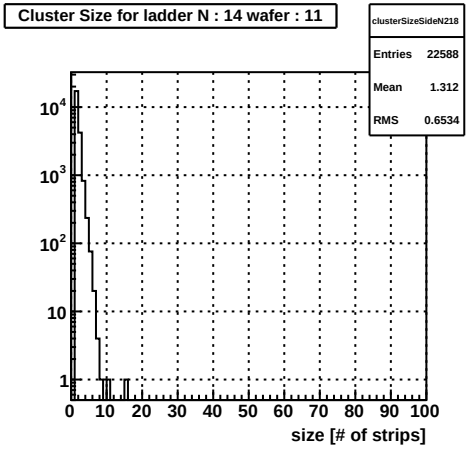

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 23255
Mean 1.546
RMS 0.8339
size [# of strips]

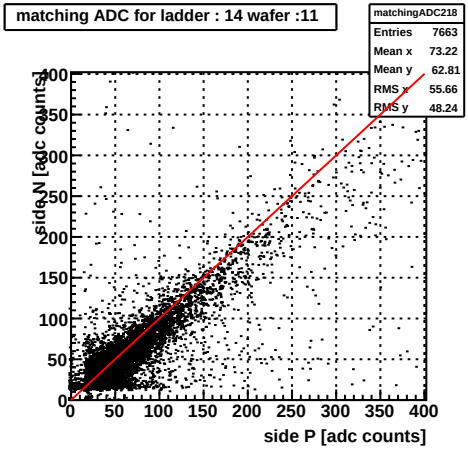

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 10087
Mean x 63.76
Mean y 64.27
RMS x 53.22
RMS y 52.56
side N [adc counts]
side P [adc counts]

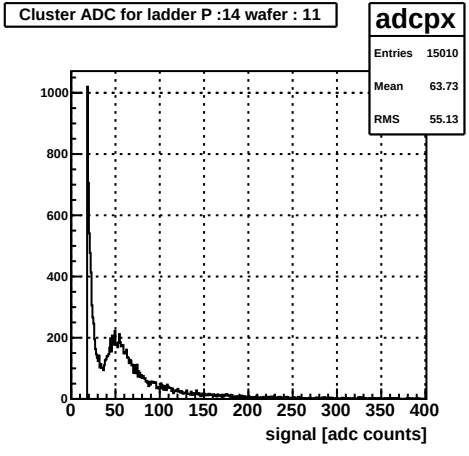

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 21381
Mean 48.17
RMS 48.26
signal [adc counts]

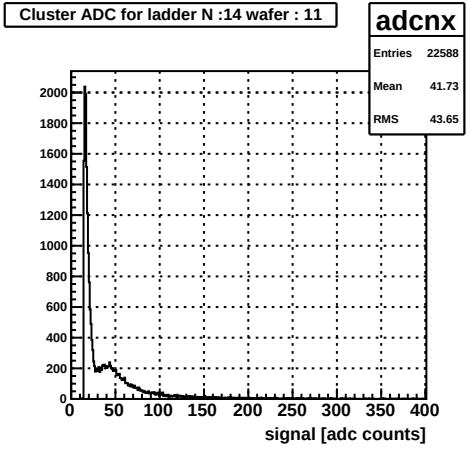

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 23255
Mean 53.68
RMS 50.51
signal [adc counts]

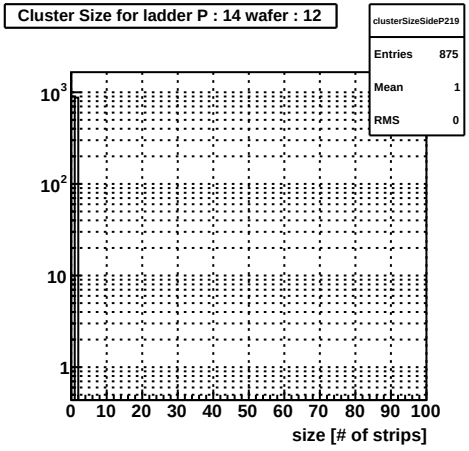

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 15010
Mean 1.277
RMS 0.6053
size [# of strips]

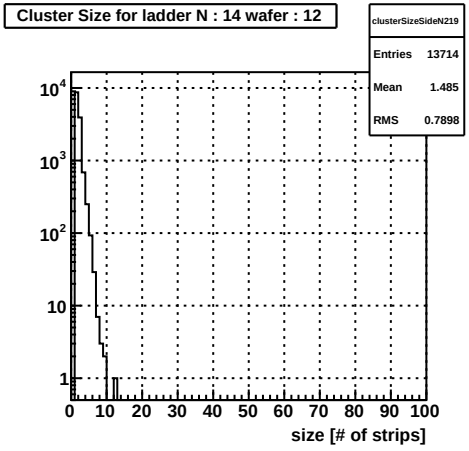

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22588
Mean 1.312
RMS 0.6534
size [# of strips]

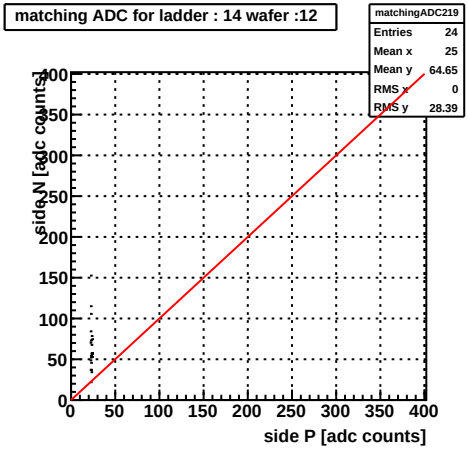

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 7663
Mean x 73.22
Mean y 62.81
RMS x 55.66
RMS y 48.24
side N [adc counts]
side P [adc counts]

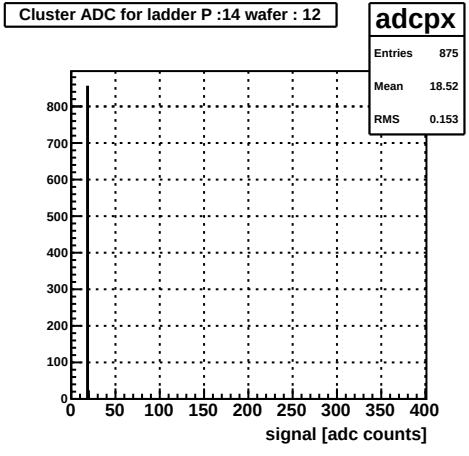

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 15010
Mean 63.73
RMS 55.13
signal [adc counts]

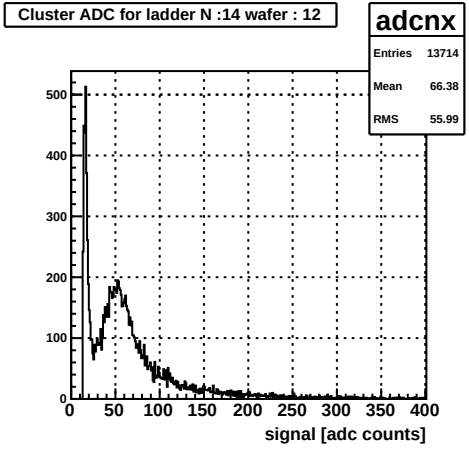

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22588
Mean 41.73
RMS 43.65
signal [adc counts]

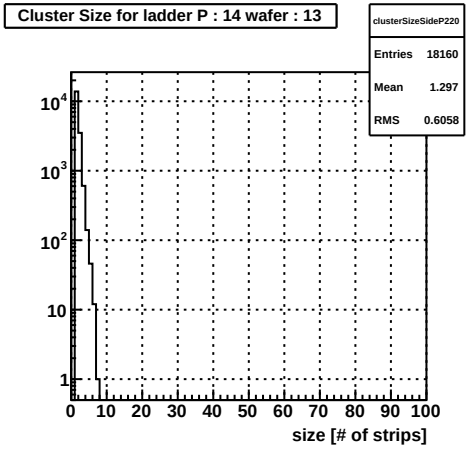

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 875
Mean 1
RMS 0
size [# of strips]

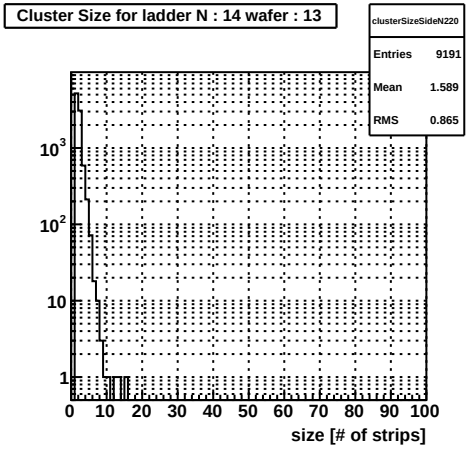

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 13714
Mean 1.485
RMS 0.7898
size [# of strips]

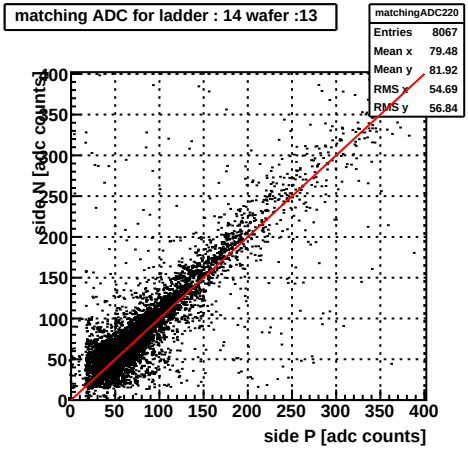

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 24
Mean x 25
Mean y 64.65
RMS x 0
RMS y 28.39
side N [adc counts]
side P [adc counts]

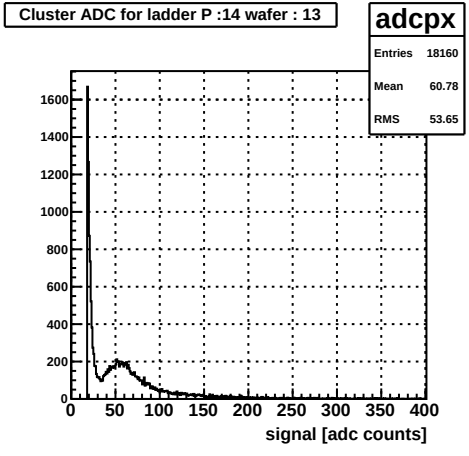

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 875
Mean 18.52
RMS 0.153
signal [adc counts]

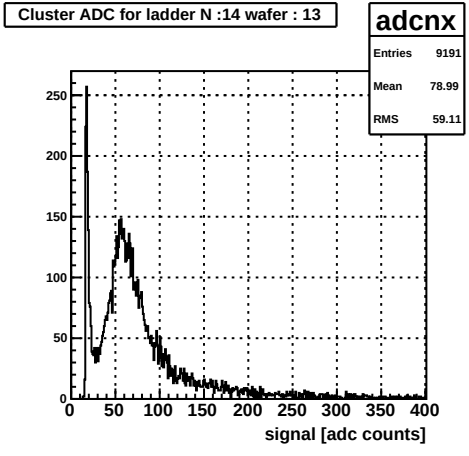

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 13714
Mean 66.38
RMS 55.99
signal [adc counts]

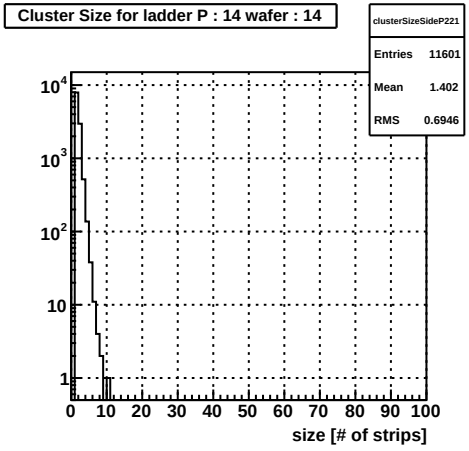

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 18160
Mean 1.297
RMS 0.6058
size [# of strips]

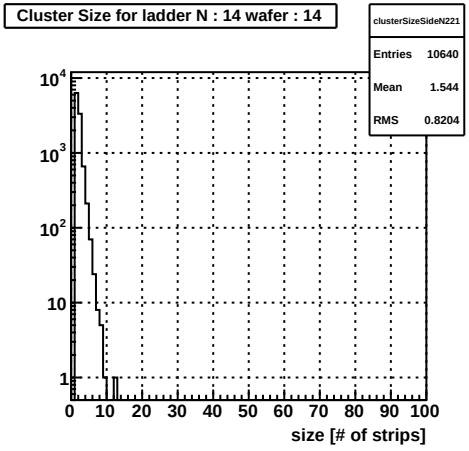

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9191
Mean 1.589
RMS 0.865
size [# of strips]

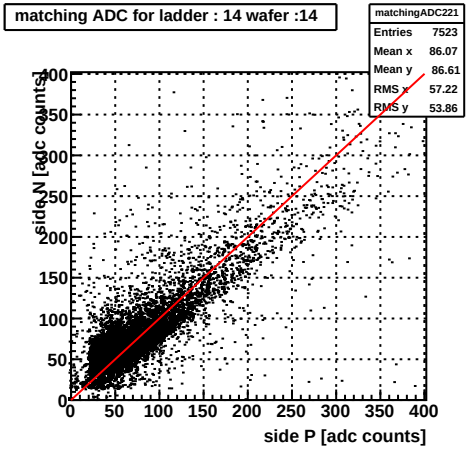

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8067
Mean x 79.48
Mean y 81.92
RMS x 54.69
RMS y 56.84
side N [adc counts]
side P [adc counts]

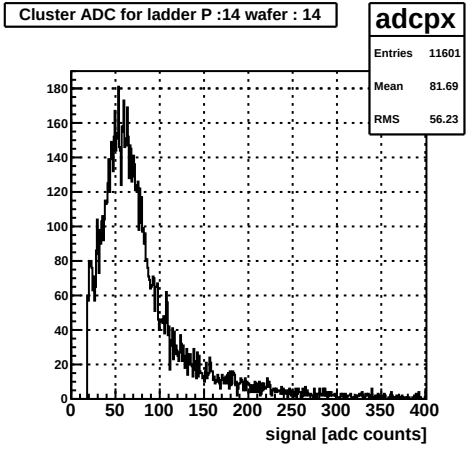

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 18160
Mean 60.78
RMS 53.65
signal [adc counts]

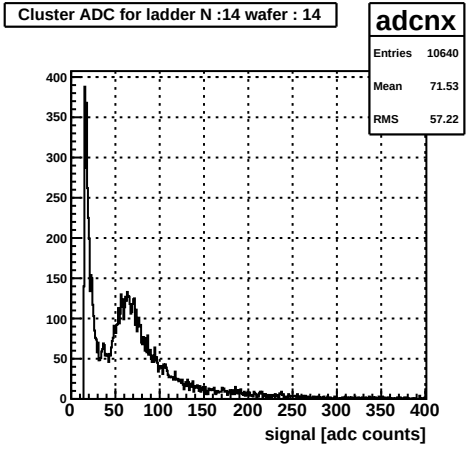

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9191
Mean 78.99
RMS 59.11
signal [adc counts]

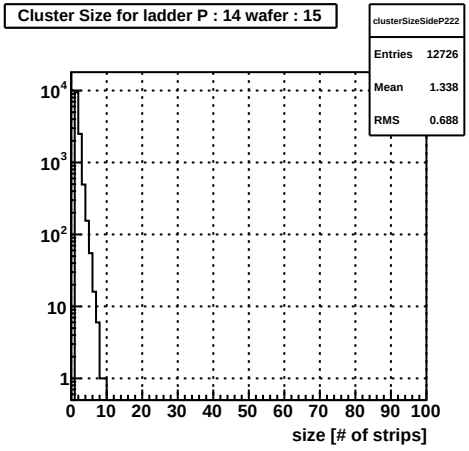

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 11601
Mean 1.402
RMS 0.6946
size [# of strips]

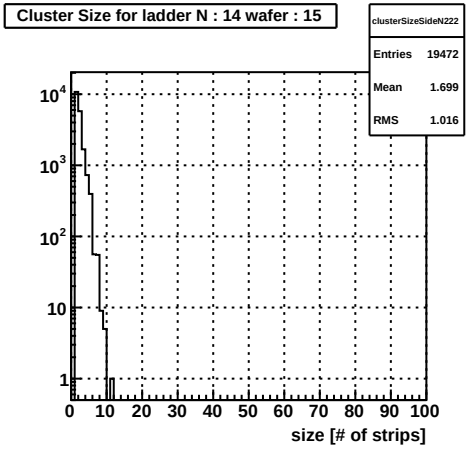

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 10640
Mean 1.544
RMS 0.8204
size [# of strips]

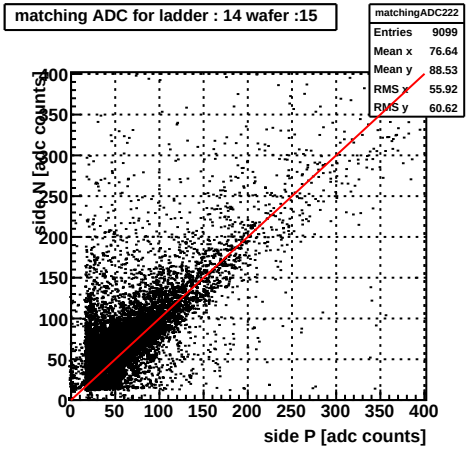

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 7523
Mean x 86.07
Mean y 86.61
RMS x 57.22
RMS y 53.86
side N [adc counts]
side P [adc counts]

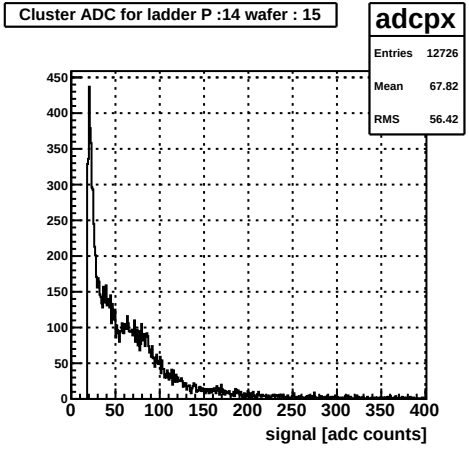

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 11601
Mean 81.69
RMS 56.23
signal [adc counts]

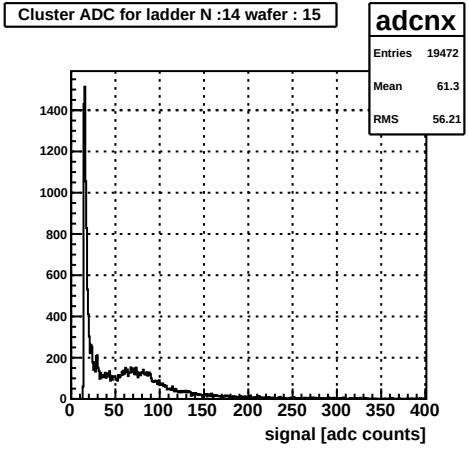

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 10640
Mean 71.53
RMS 57.22
signal [adc counts]

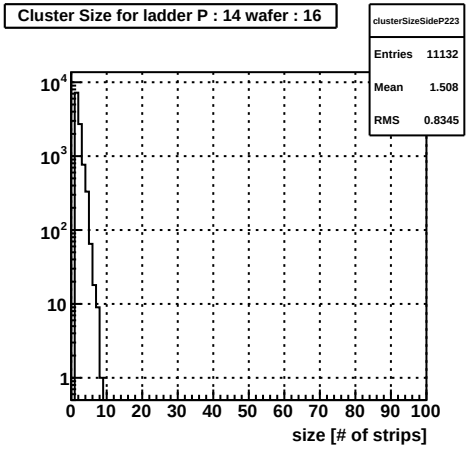

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 12726
Mean 1.338
RMS 0.688
size [# of strips]

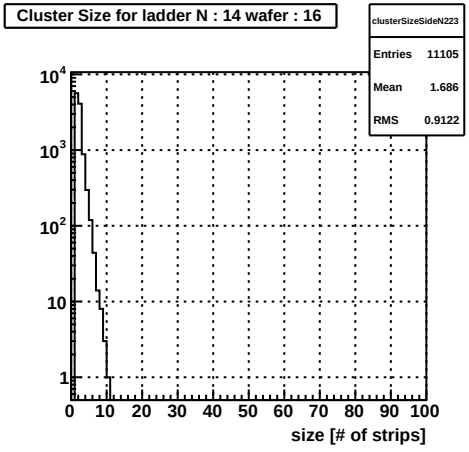

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 19472
Mean 1.699
RMS 1.016
size [# of strips]

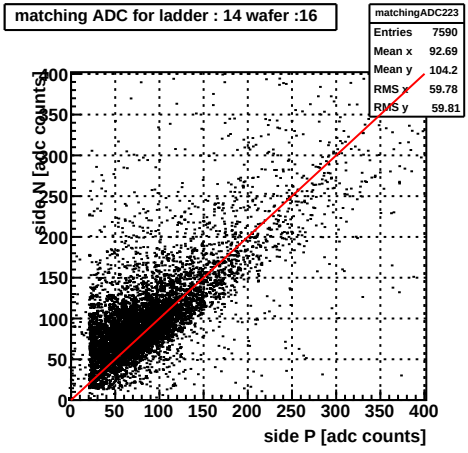

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9099
Mean x 76.64
Mean y 88.53
RMS x 55.92
RMS y 60.62
side N [adc counts]
side P [adc counts]

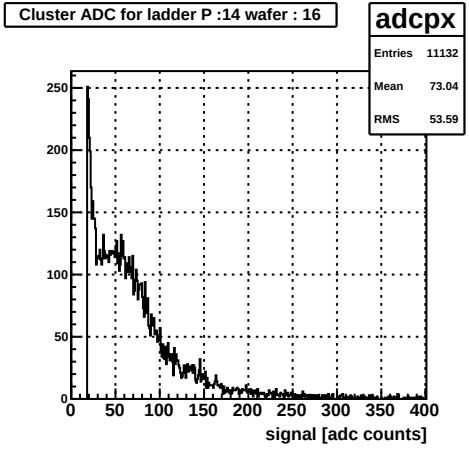

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 12726
Mean 67.82
RMS 56.42
signal [adc counts]

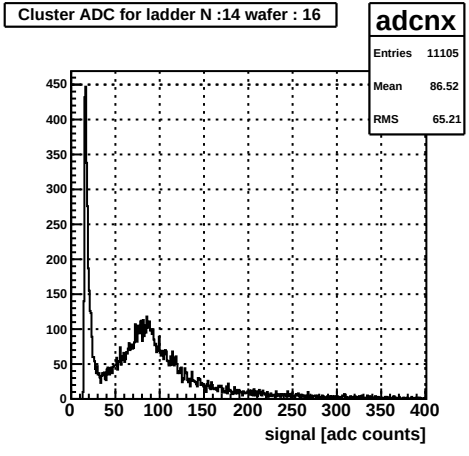

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 19472
Mean 61.3
RMS 56.21
signal [adc counts]

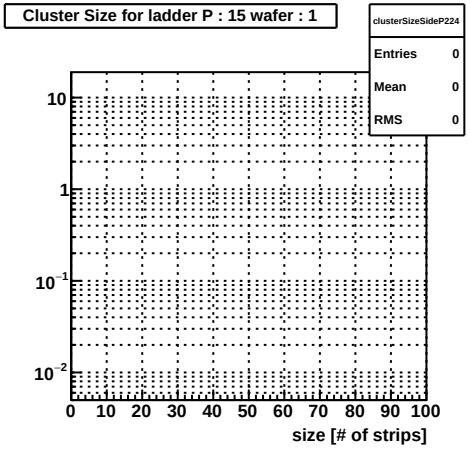

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 11132
Mean 1.508
RMS 0.8345
size [# of strips]

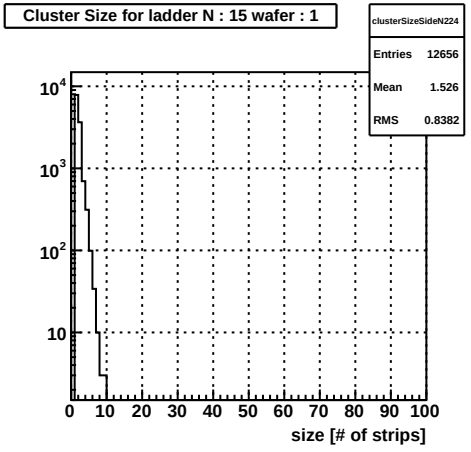

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 11105
Mean 1.686
RMS 0.9122
size [# of strips]

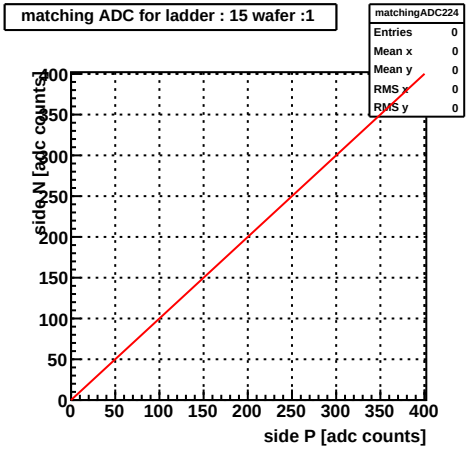

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 7590
Mean x 92.69
Mean y 104.2
RMS x 59.78
RMS y 59.81
side N [adc counts]
side P [adc counts]

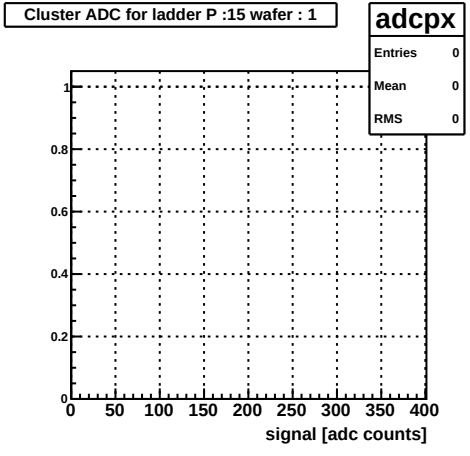

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 11132
Mean 73.04
RMS 53.59
signal [adc counts]

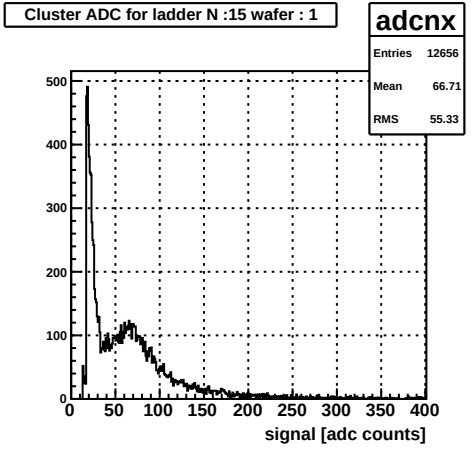

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 11105
Mean 86.52
RMS 65.21
signal [adc counts]

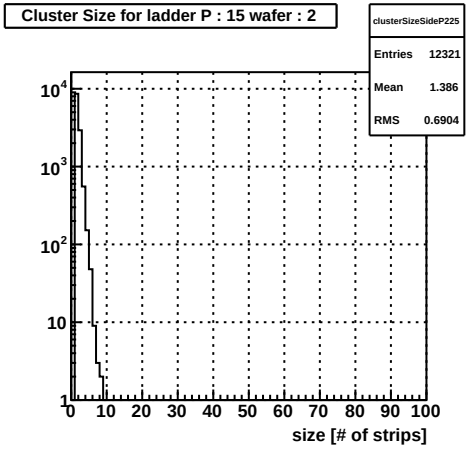

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

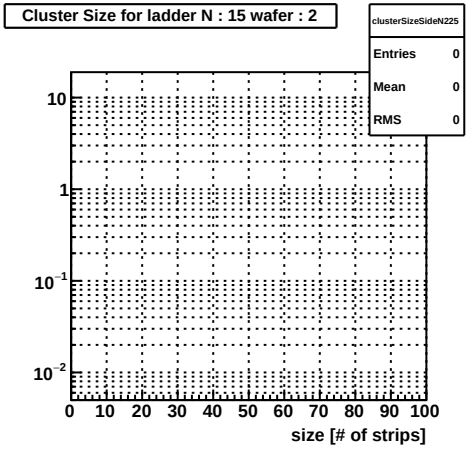

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 12656
Mean 1.526
RMS 0.8382
size [# of strips]

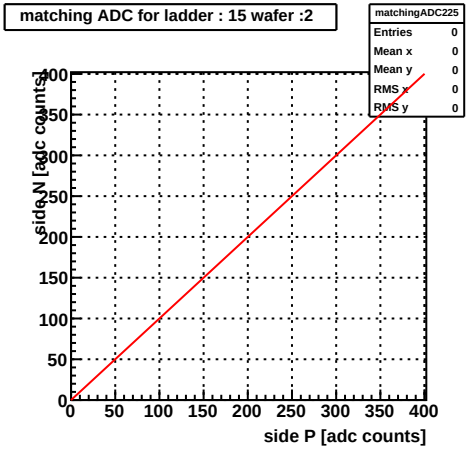

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

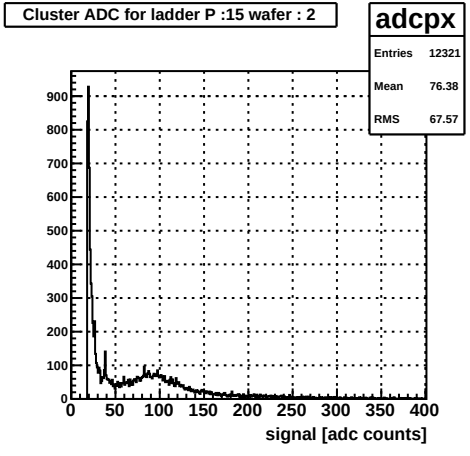

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

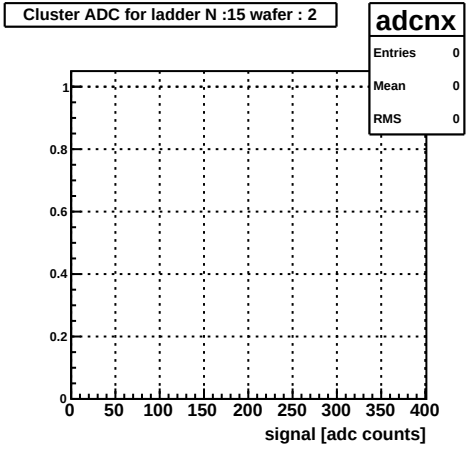

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 12656
Mean 66.71
RMS 55.33
signal [adc counts]

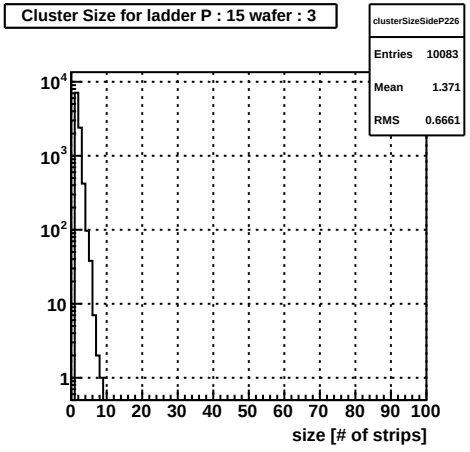

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 12321
Mean 1.386
RMS 0.6904
size [# of strips]

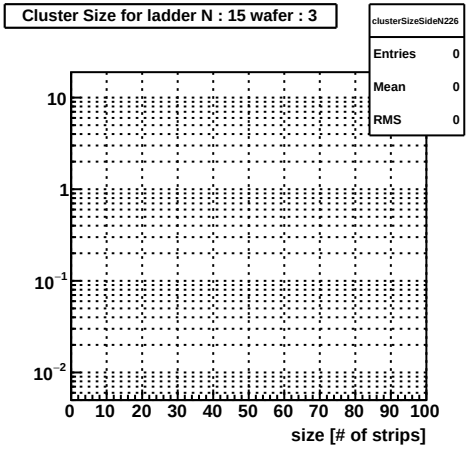

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

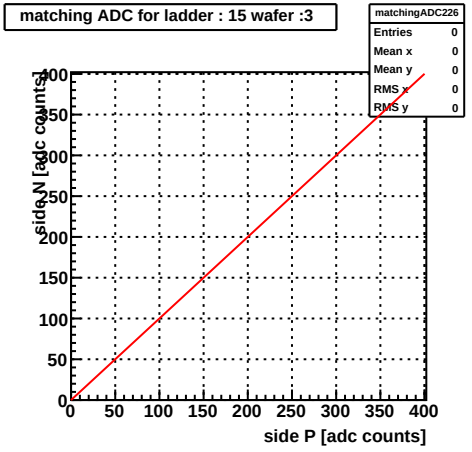

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

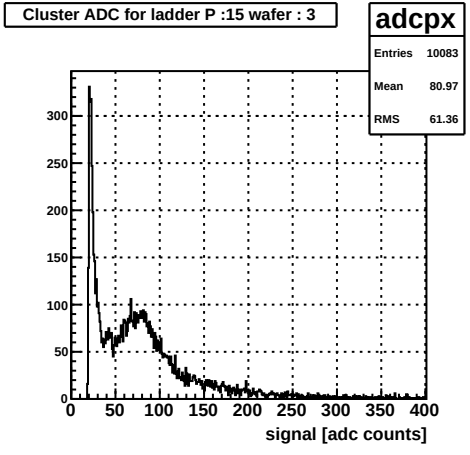

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 12321
Mean 76.38
RMS 67.57
signal [adc counts]

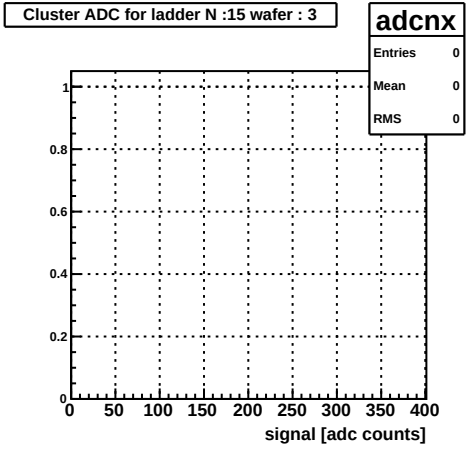

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

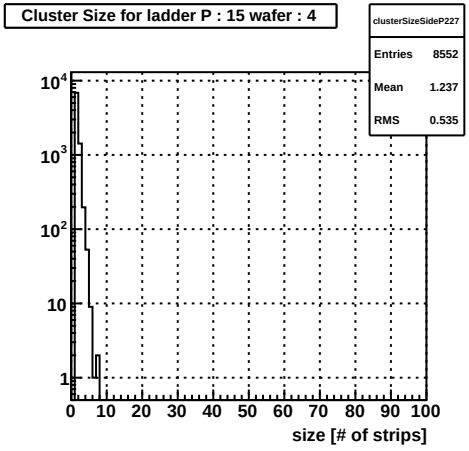

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 10083
Mean 1.371
RMS 0.6661
size [# of strips]

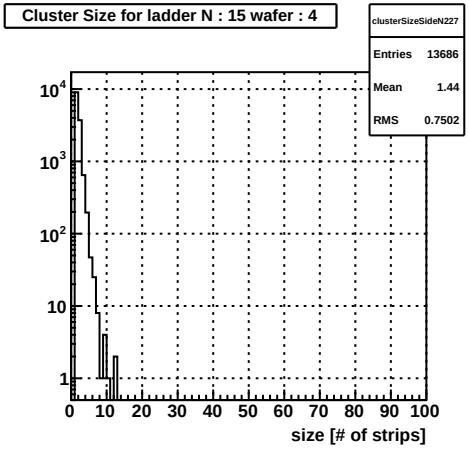

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

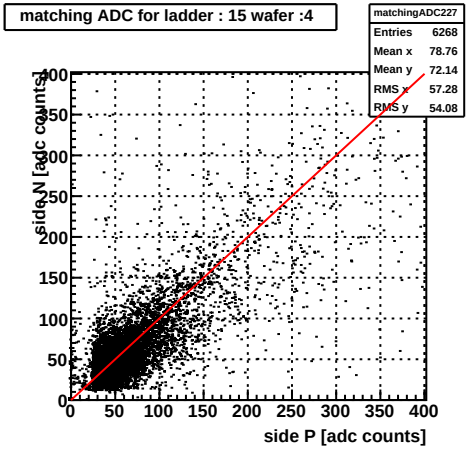

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

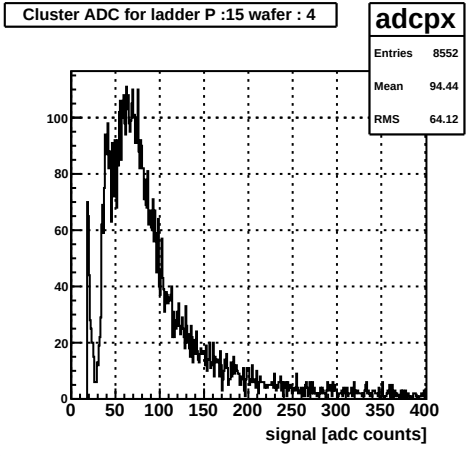

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 10083
Mean 80.97
RMS 61.36
signal [adc counts]

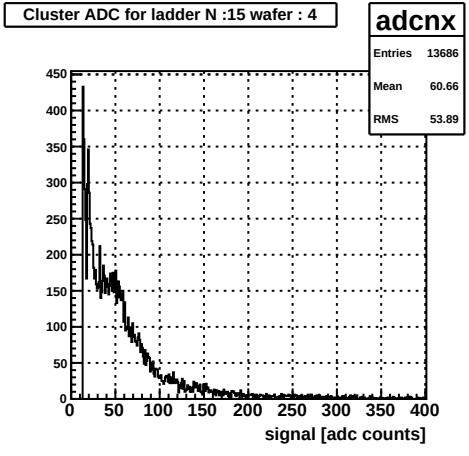

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

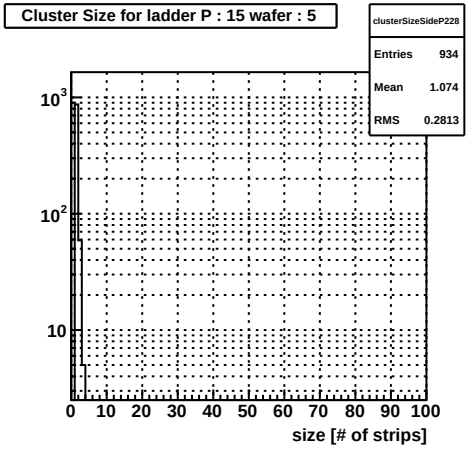

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8552
Mean 1.237
RMS 0.535
size [# of strips]

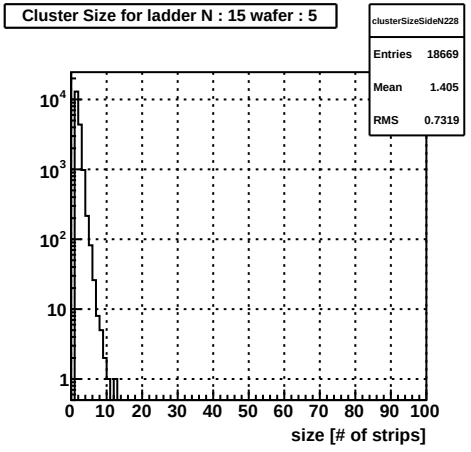

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 13686
Mean 1.44
RMS 0.7502
size [# of strips]

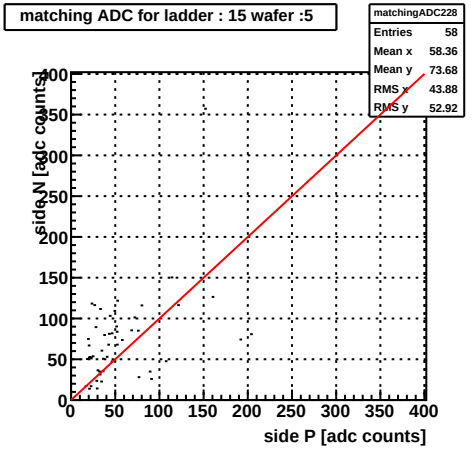

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6268
Mean x 78.76
Mean y 72.14
RMS x 57.28
RMS y 54.08
side N [adc counts]
side P [adc counts]

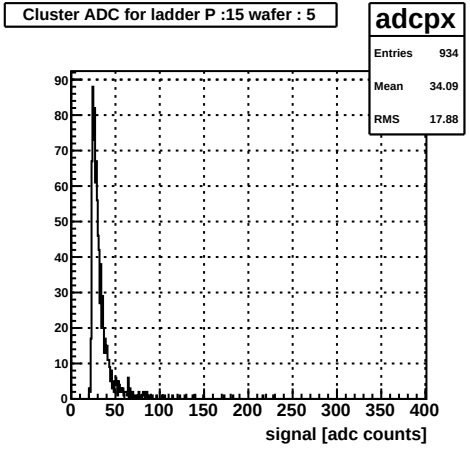

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8552
Mean 94.44
RMS 64.12
signal [adc counts]

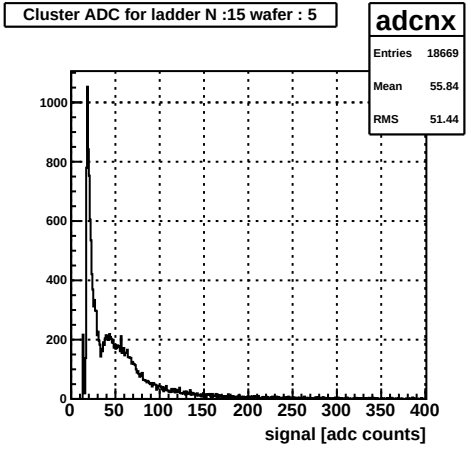

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 13686
Mean 60.66
RMS 53.89
signal [adc counts]

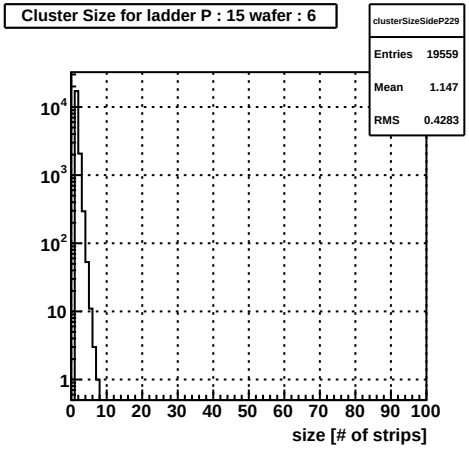

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 934
Mean 1.074
RMS 0.2813
size [# of strips]

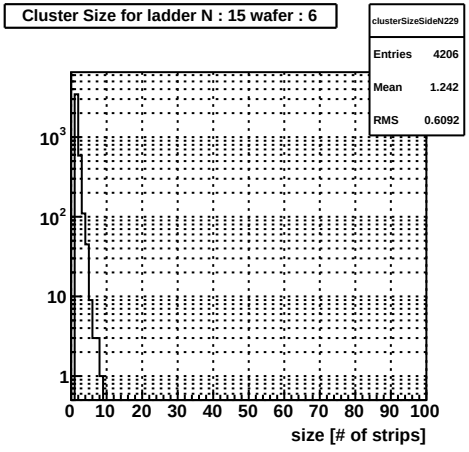

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 18669
Mean 1.405
RMS 0.7319
size [# of strips]

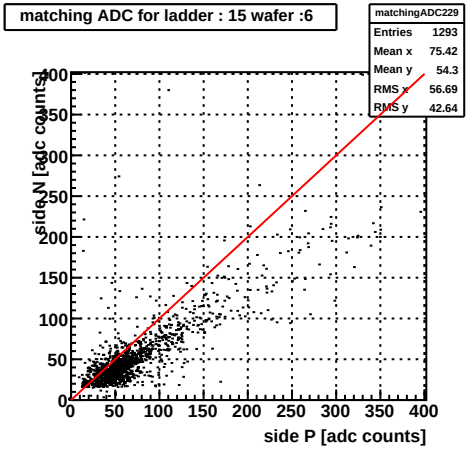

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 58
Mean x 58.36
Mean y 73.68
RMS x 43.88
RMS y 52.92
side N [adc counts]
side P [adc counts]

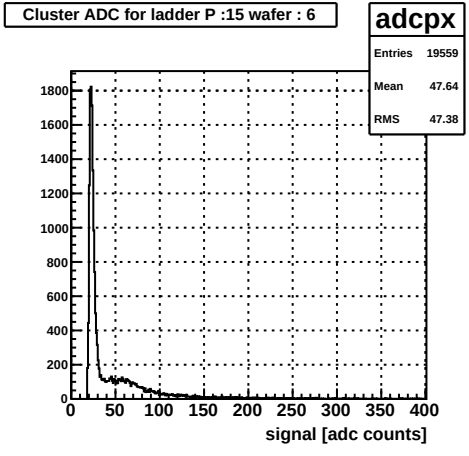

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 934
Mean 34.09
RMS 17.88
signal [adc counts]

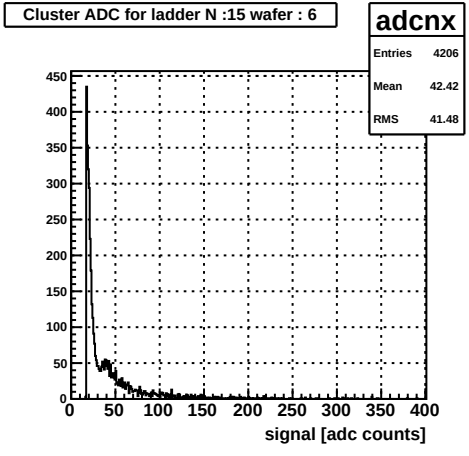

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 18669
Mean 55.84
RMS 51.44
signal [adc counts]

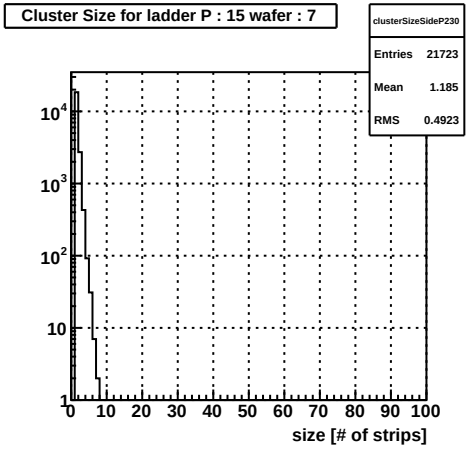

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 19559
Mean 1.147
RMS 0.4283
size [# of strips]

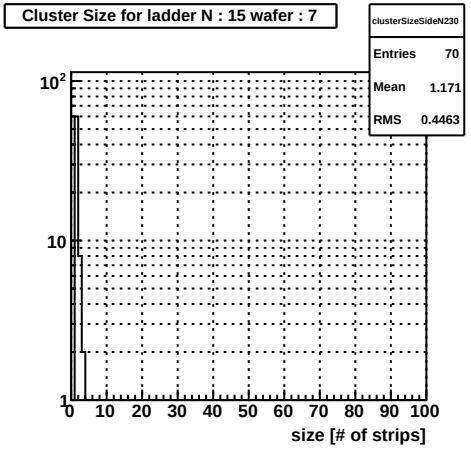

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4206
Mean 1.242
RMS 0.6092
size [# of strips]

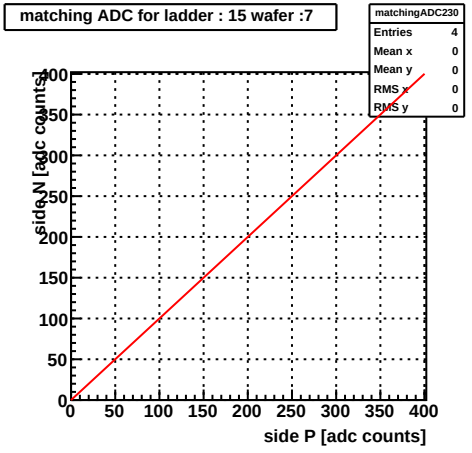

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1293
Mean x 75.42
Mean y 54.3
RMS x 56.69
RMS y 42.64
side N [adc counts]
side P [adc counts]

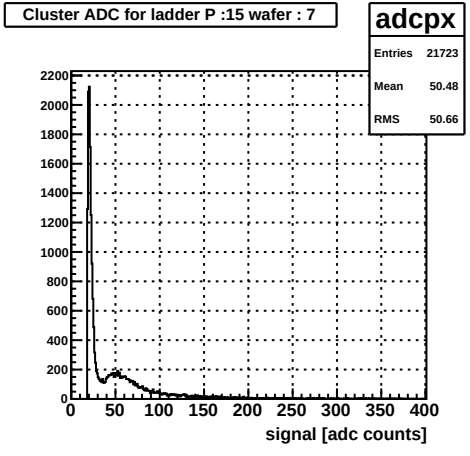

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 19559
Mean 47.64
RMS 47.38
signal [adc counts]

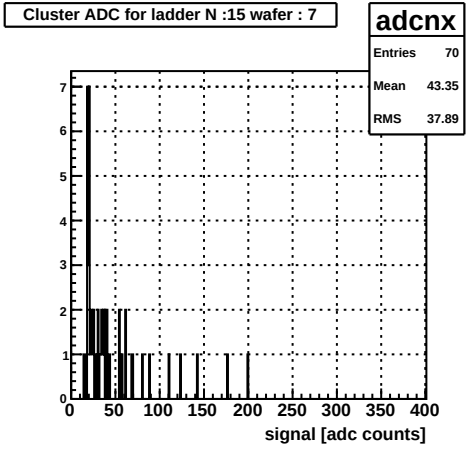

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4206
Mean 42.42
RMS 41.48
signal [adc counts]

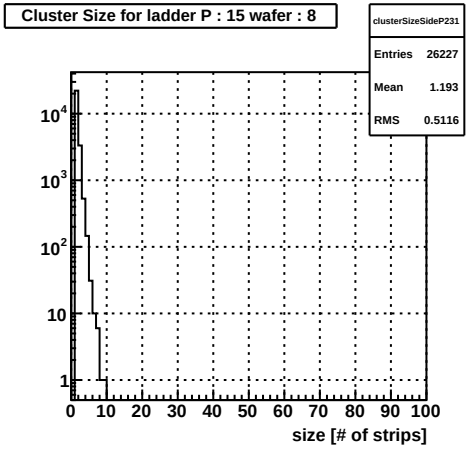

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 21723
Mean 1.185
RMS 0.4923
size [# of strips]

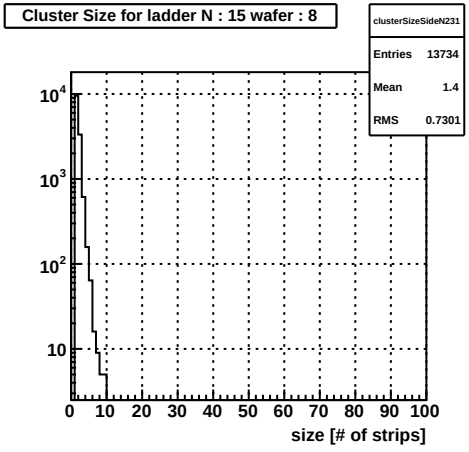

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 70
Mean 1.171
RMS 0.4463
size [# of strips]

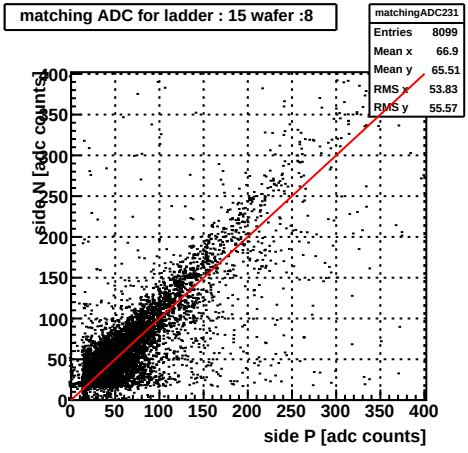

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

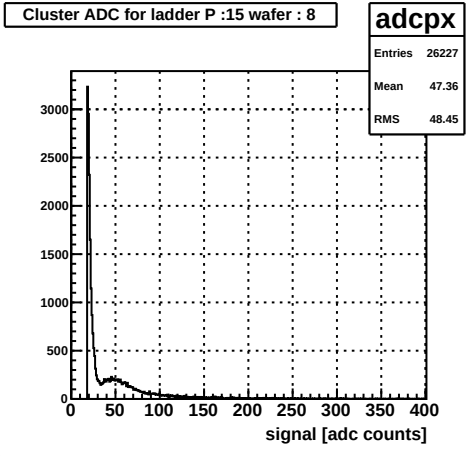

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 21723
Mean 50.48
RMS 50.66
signal [adc counts]

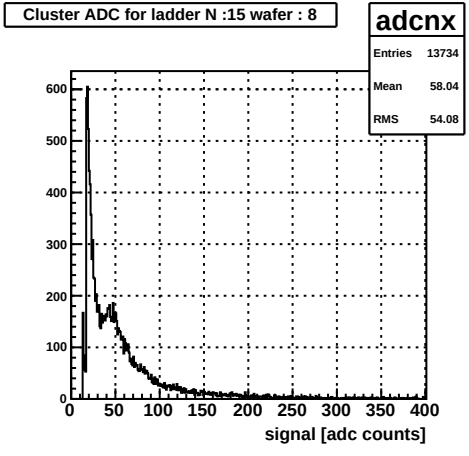

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 70
Mean 43.35
RMS 37.89
signal [adc counts]

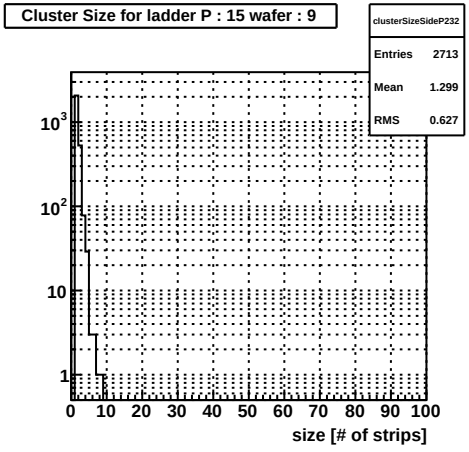

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 26227
Mean 1.193
RMS 0.5116
size [# of strips]

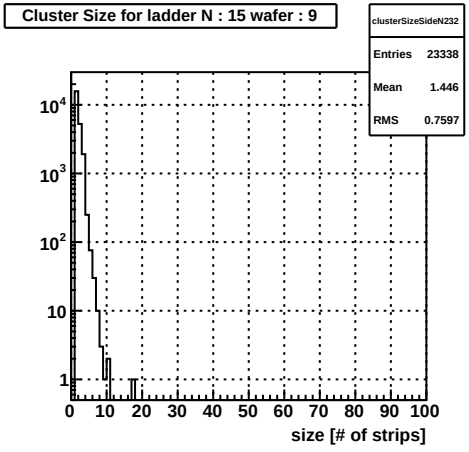

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 13734
Mean 1.4
RMS 0.7301
size [# of strips]

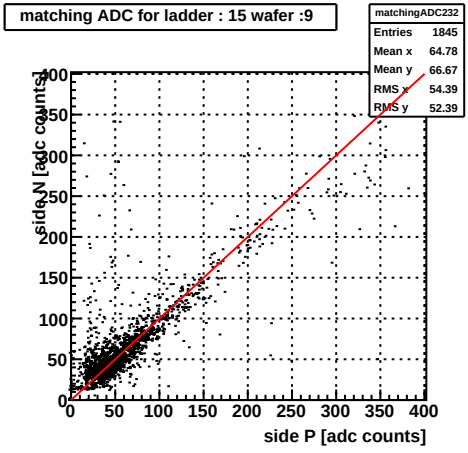

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8099
Mean x 66.9
Mean y 65.51
RMS x 53.83
RMS y 55.57
side N [adc counts]
side P [adc counts]

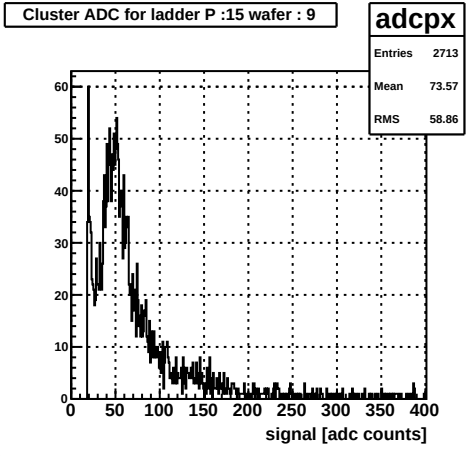

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 26227
Mean 47.36
RMS 48.45
signal [adc counts]

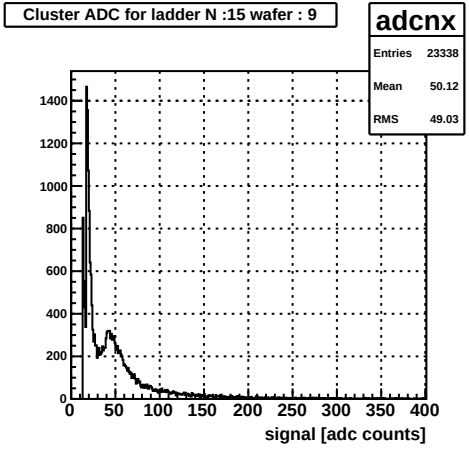

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 13734
Mean 58.04
RMS 54.08
signal [adc counts]

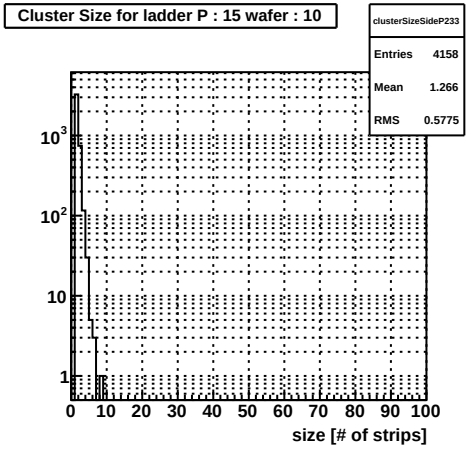

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2713
Mean 1.299
RMS 0.627
size [# of strips]

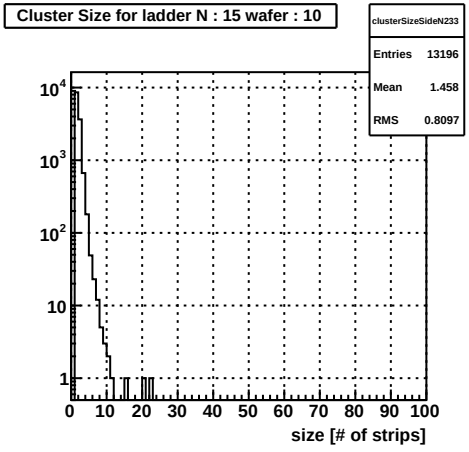

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 23338
Mean 1.446
RMS 0.7597
size [# of strips]

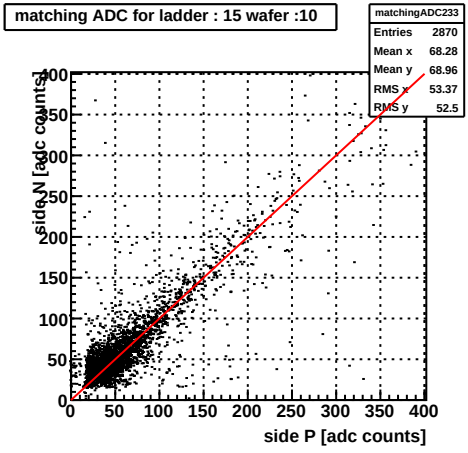

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1845
Mean x 64.78
Mean y 66.67
RMS x 54.39
RMS y 52.39
side N [adc counts]
side P [adc counts]

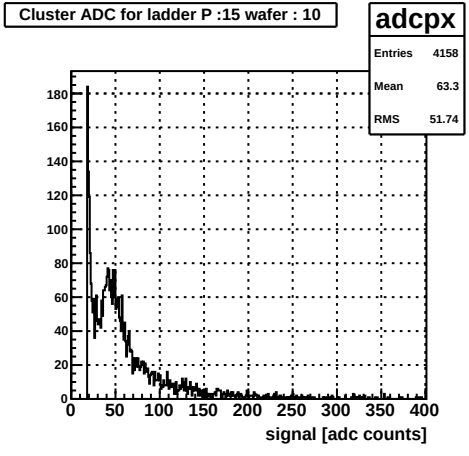

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2713
Mean 73.57
RMS 58.86
signal [adc counts]

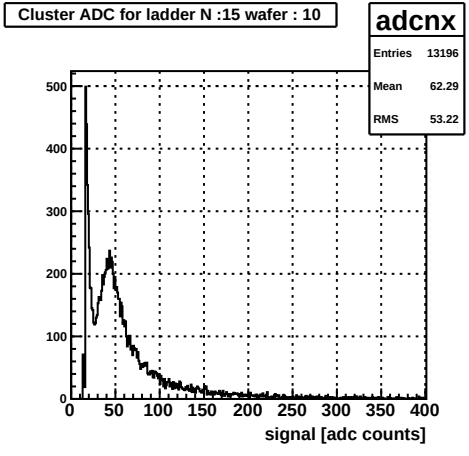

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 23338
Mean 50.12
RMS 49.03
signal [adc counts]

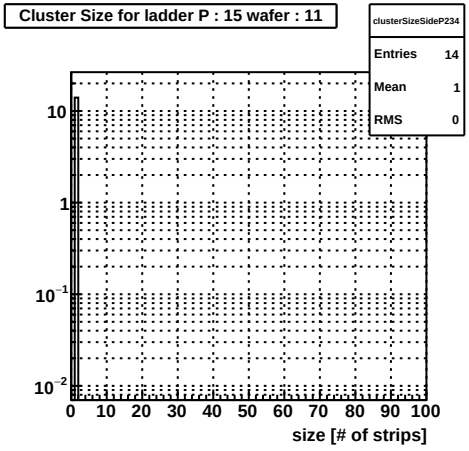

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 4158
Mean 1.266
RMS 0.5775
size [# of strips]

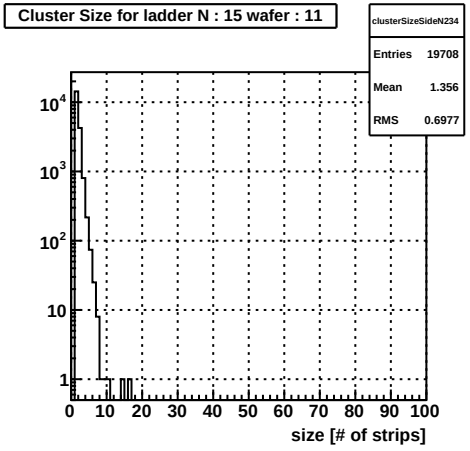

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 13196
Mean 1.458
RMS 0.8097
size [# of strips]

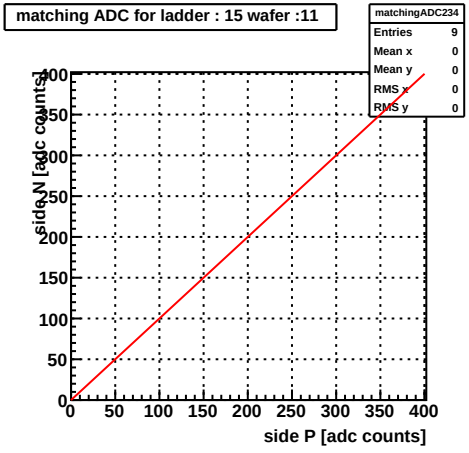

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2870
Mean x 68.28
Mean y 68.96
RMS x 53.37
RMS y 52.5
side N [adc counts]
side P [adc counts]

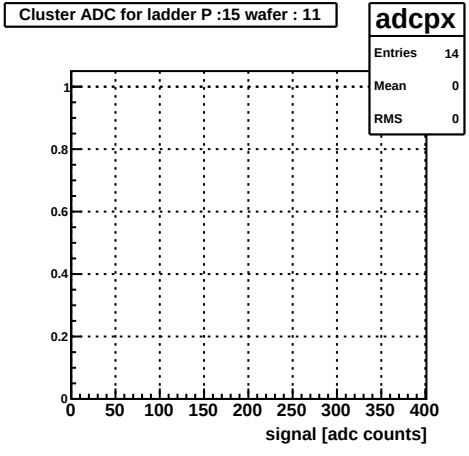

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 4158
Mean 63.3
RMS 51.74
signal [adc counts]

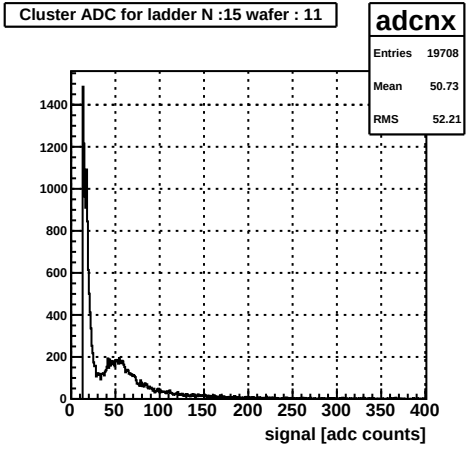

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 13196
Mean 62.29
RMS 53.22
signal [adc counts]

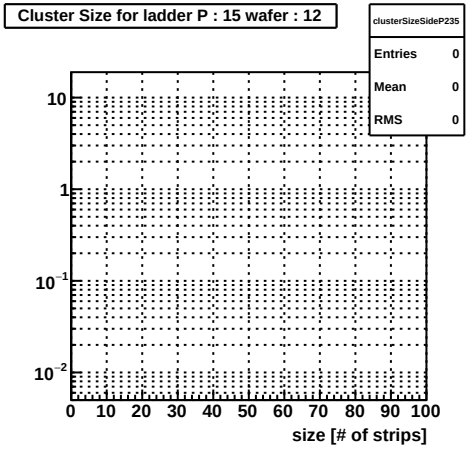

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 14
Mean 1
RMS 0
size [# of strips]

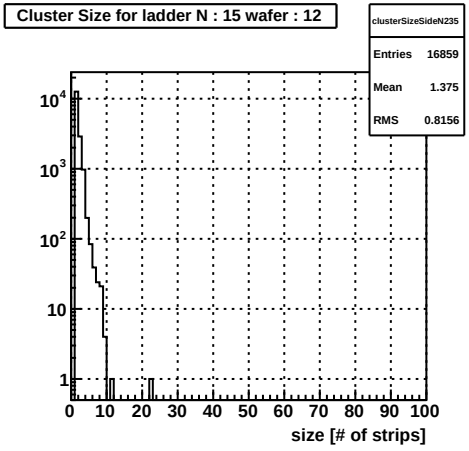

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 19708
Mean 1.356
RMS 0.6977
size [# of strips]

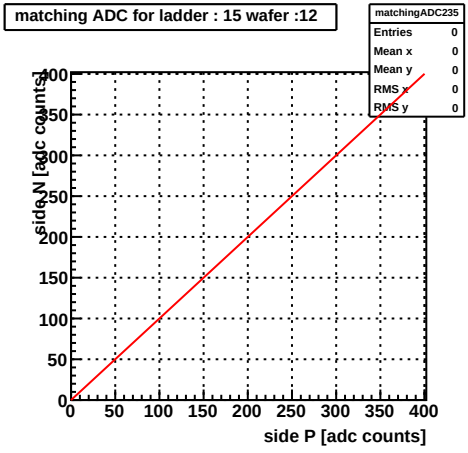

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 9
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

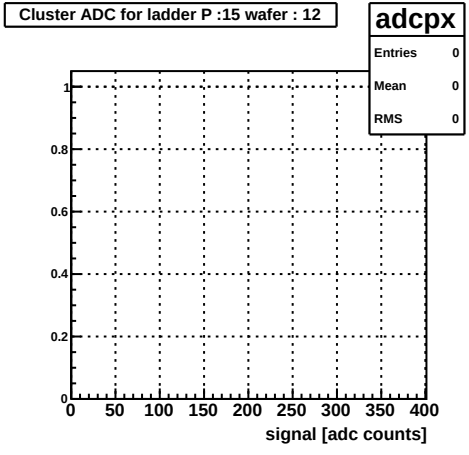

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 14
Mean 0
RMS 0
signal [adc counts]

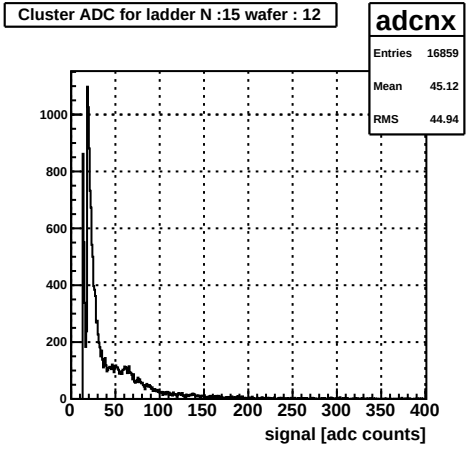

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 19708
Mean 50.73
RMS 52.21
signal [adc counts]

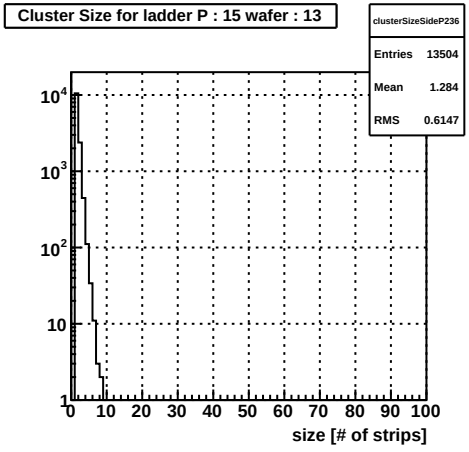

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

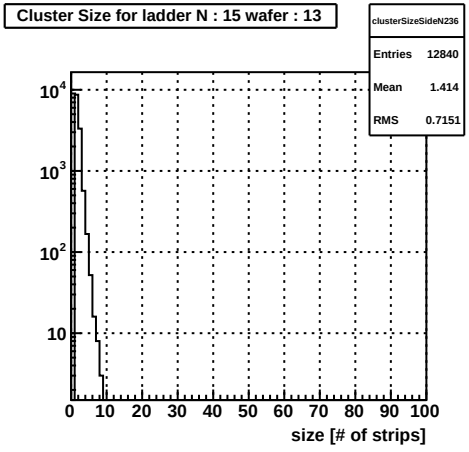

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 16859
Mean 1.375
RMS 0.8156
size [# of strips]

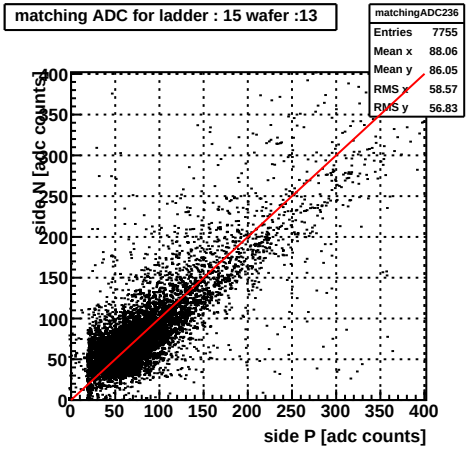

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

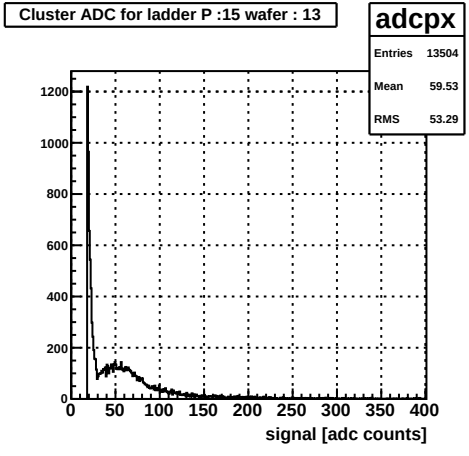

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

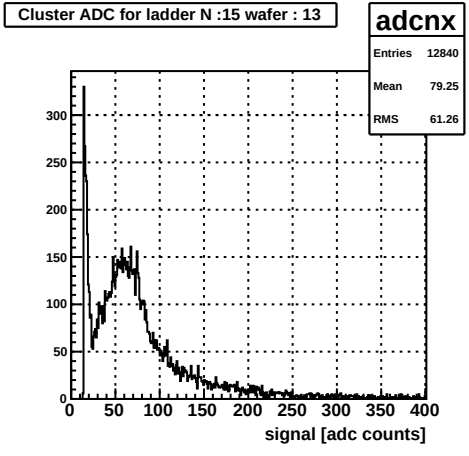

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 16859
Mean 45.12
RMS 44.94
signal [adc counts]

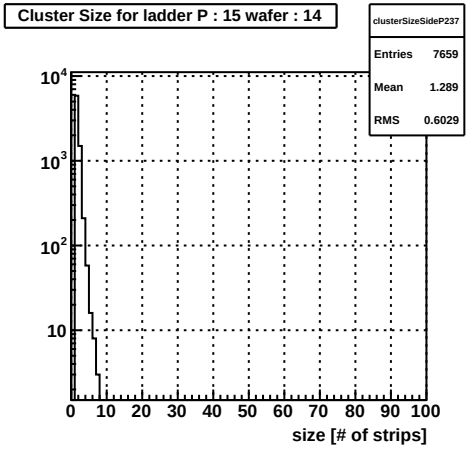

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 13504
Mean 1.284
RMS 0.6147
size [# of strips]

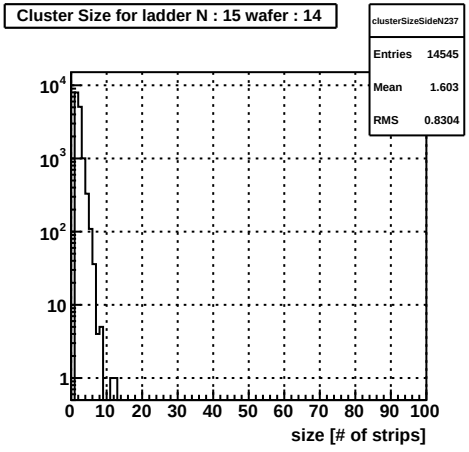

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 12840
Mean 1.414
RMS 0.7151
size [# of strips]

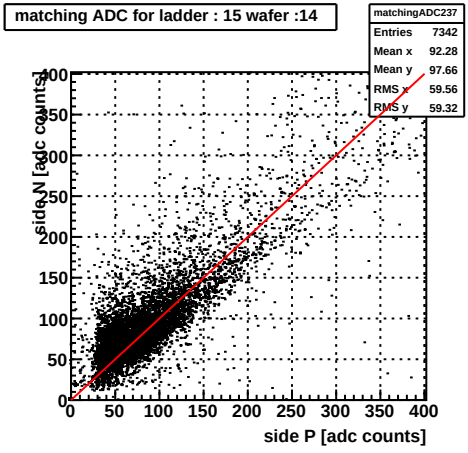

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 7755
Mean x 88.06
Mean y 86.05
RMS x 58.57
RMS y 56.83
side N [adc counts]
side P [adc counts]

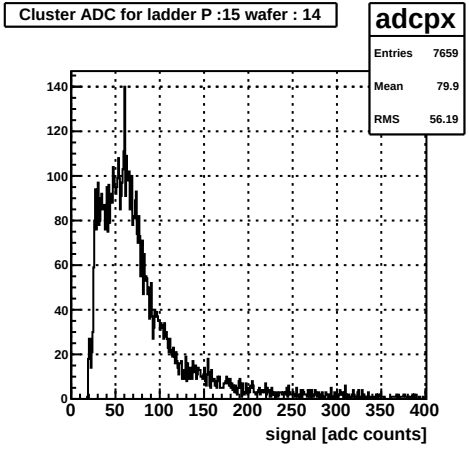

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 13504
Mean 59.53
RMS 53.29
signal [adc counts]

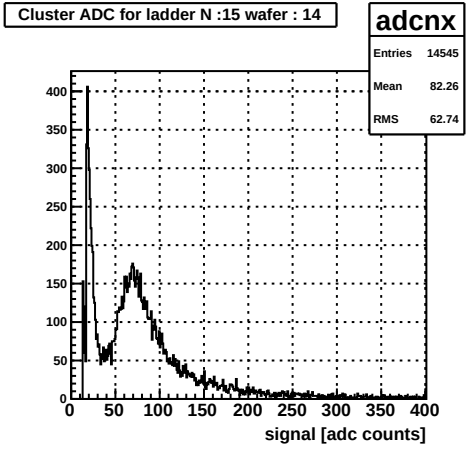

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 12840
Mean 79.25
RMS 61.26
signal [adc counts]

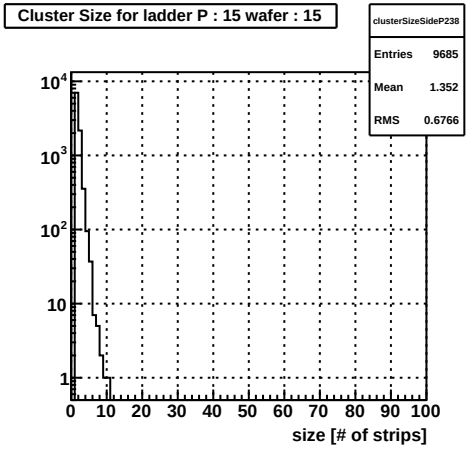

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 7659
Mean 1.289
RMS 0.6029
size [# of strips]

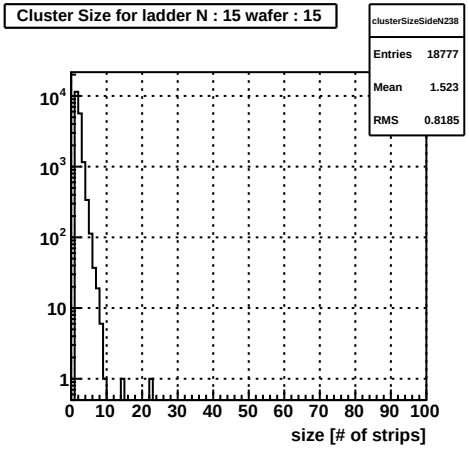

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 14545
Mean 1.603
RMS 0.8304
size [# of strips]

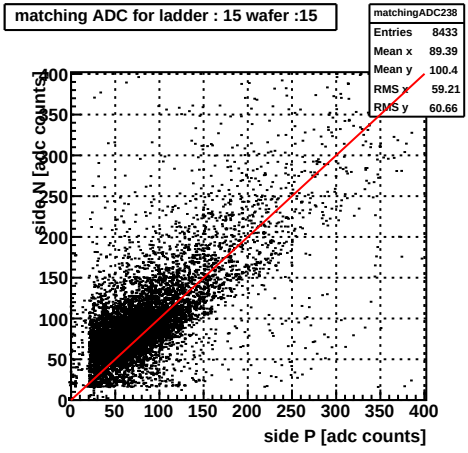

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 7342
Mean x 92.28
Mean y 97.66
RMS x 59.56
RMS y 59.32
side N [adc counts]
side P [adc counts]

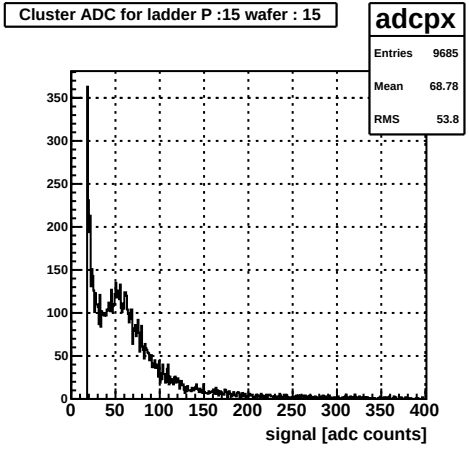

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 7659
Mean 79.9
RMS 56.19
signal [adc counts]

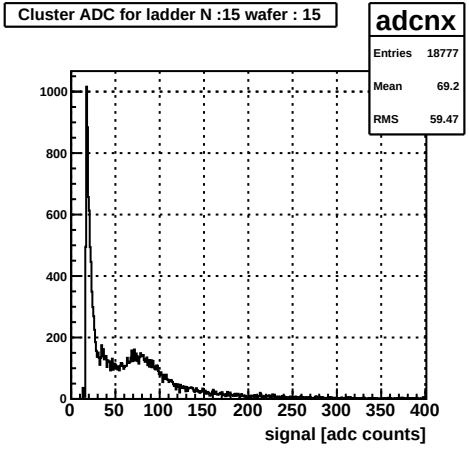

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 14545
Mean 82.26
RMS 62.74
signal [adc counts]

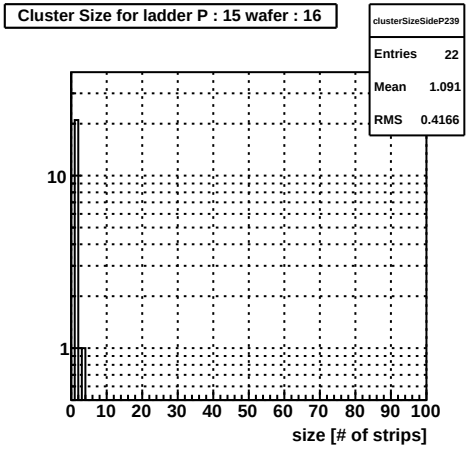

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 9685
Mean 1.352
RMS 0.6766
size [# of strips]

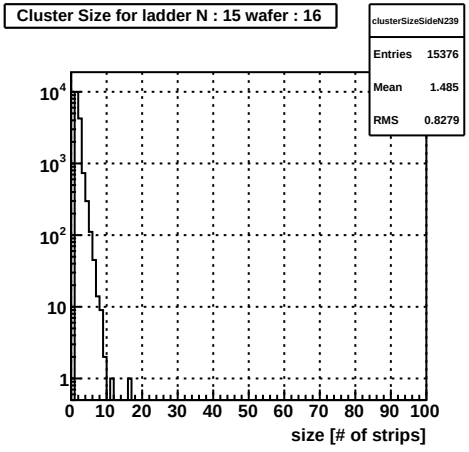

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18777
Mean 1.523
RMS 0.8185
size [# of strips]

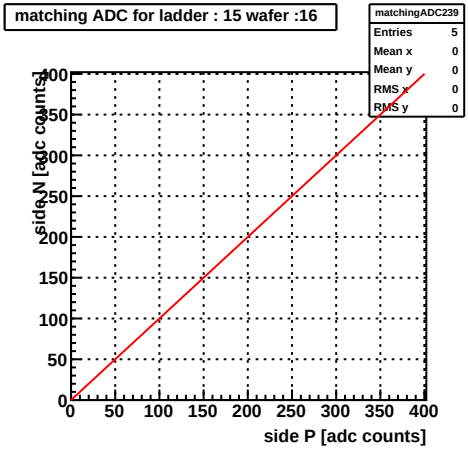

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 8433
Mean x 89.39
Mean y 100.4
RMS x 59.21
RMS y 60.66
side N [adc counts]
side P [adc counts]

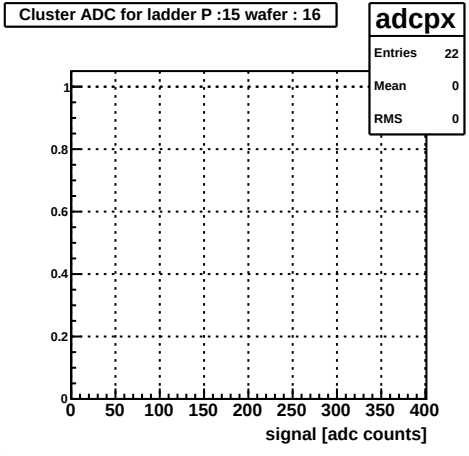

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 9685
Mean 68.78
RMS 53.8
signal [adc counts]

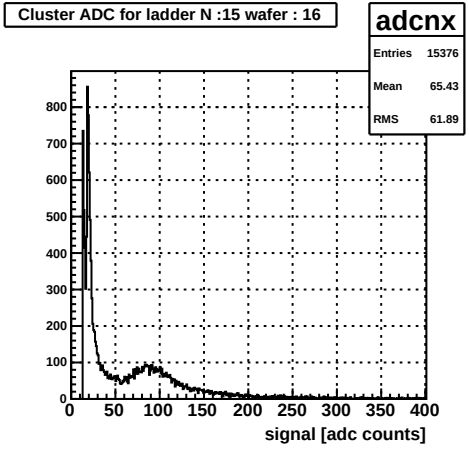

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18777
Mean 69.2
RMS 59.47
signal [adc counts]

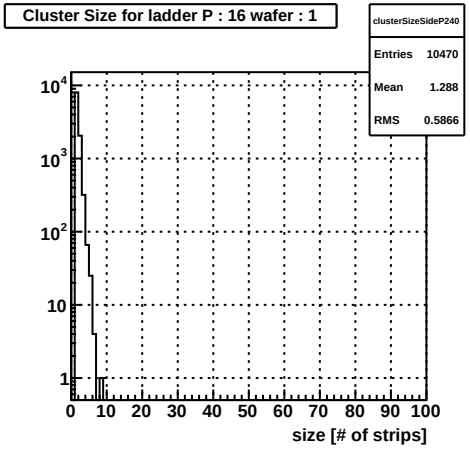

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 22
Mean 1.091
RMS 0.4166
size [# of strips]

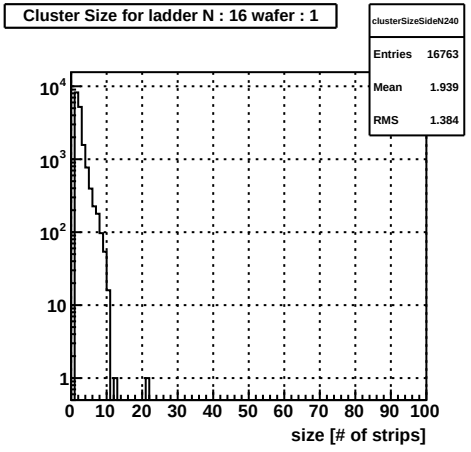

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 15376
Mean 1.485
RMS 0.8279
size [# of strips]

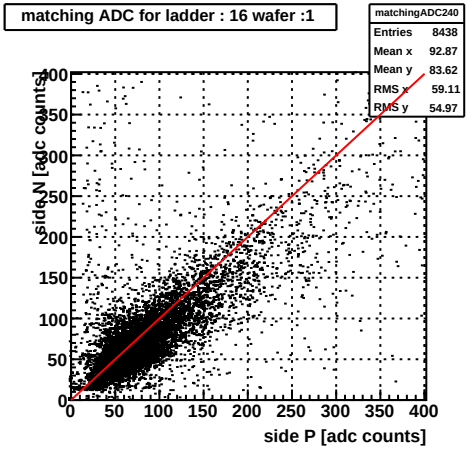

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

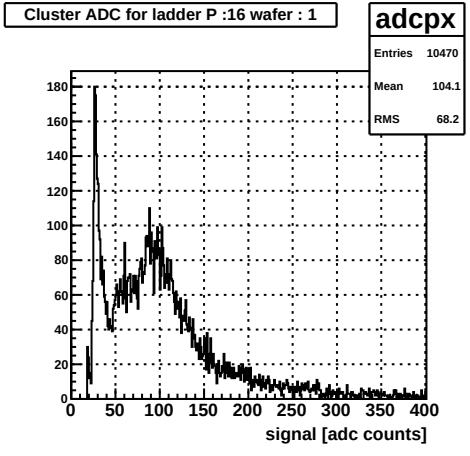

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 22
Mean 0
RMS 0
signal [adc counts]

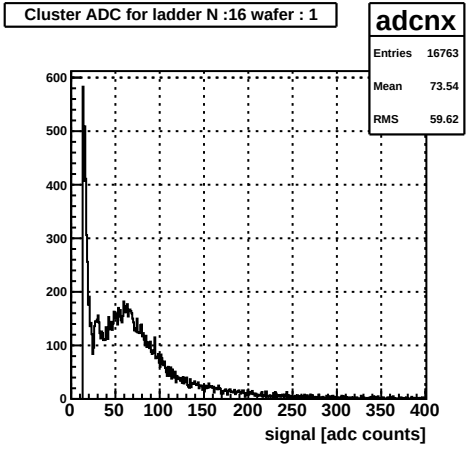

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 15376
Mean 65.43
RMS 61.89
signal [adc counts]

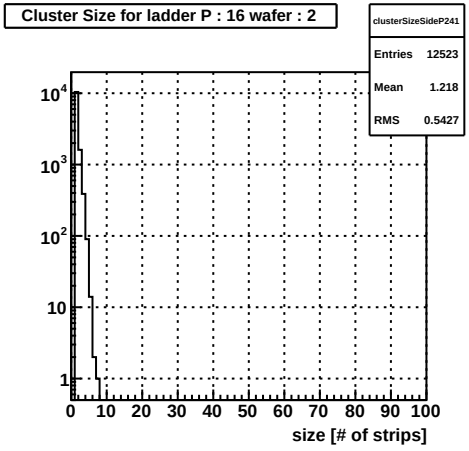

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10470
Mean 1.288
RMS 0.5866
size [# of strips]

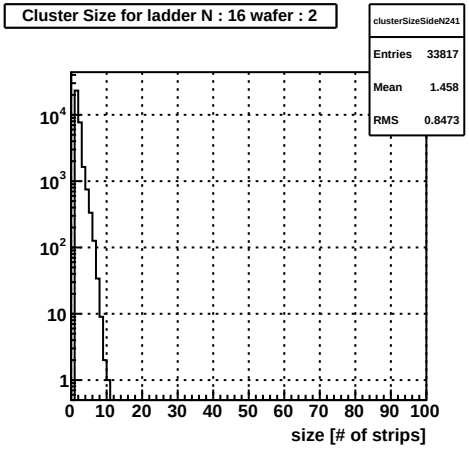

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 16763
Mean 1.939
RMS 1.384
size [# of strips]

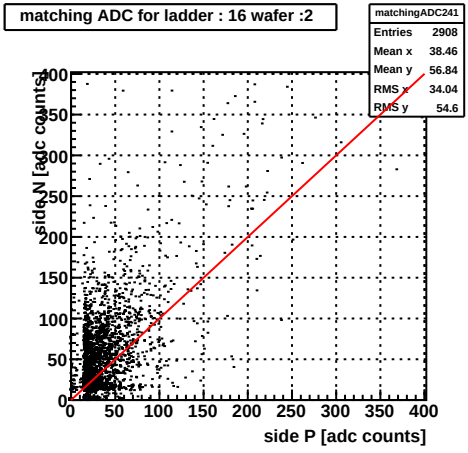

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 8438
Mean x 92.87
Mean y 83.62
RMS x 59.11
RMS y 54.97
side N [adc counts]
side P [adc counts]

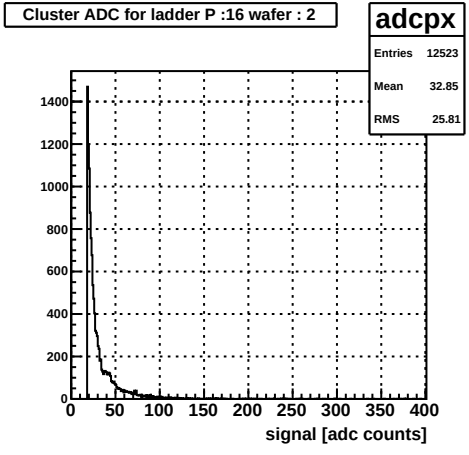

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10470
Mean 104.1
RMS 68.2
signal [adc counts]

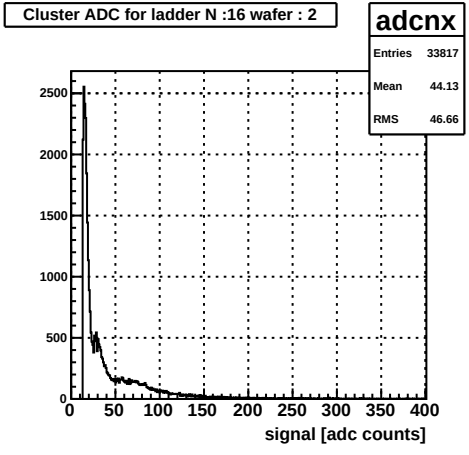

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 16763
Mean 73.54
RMS 59.62
signal [adc counts]

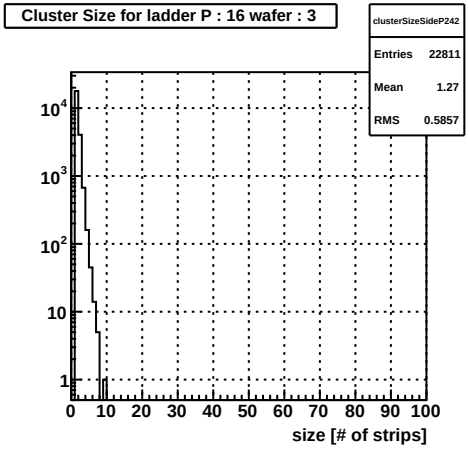

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 12523
Mean 1.218
RMS 0.5427
size [# of strips]

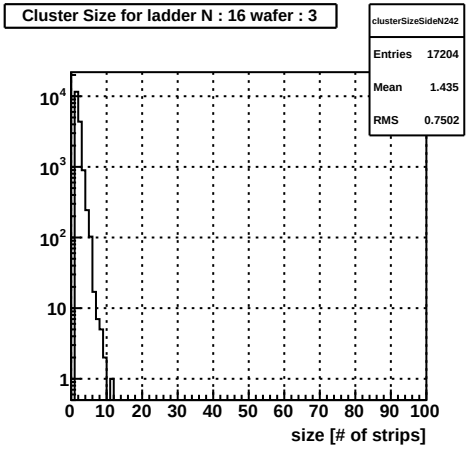

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 33817
Mean 1.458
RMS 0.8473
size [# of strips]

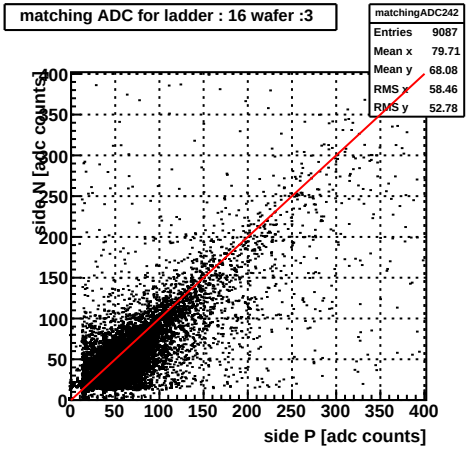

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2908
Mean x 38.46
Mean y 56.84
RMS x 34.04
RMS y 54.6
side N [adc counts]
side P [adc counts]

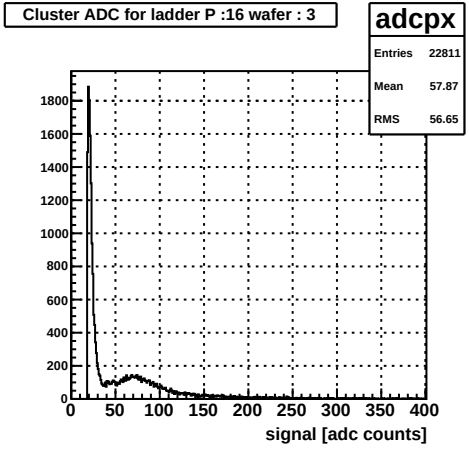

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 12523
Mean 32.85
RMS 25.81
signal [adc counts]

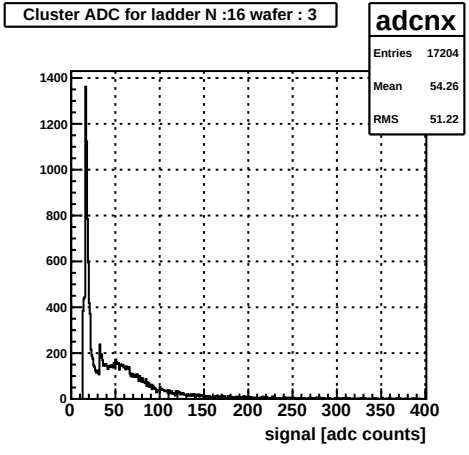

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 33817
Mean 44.13
RMS 46.66
signal [adc counts]

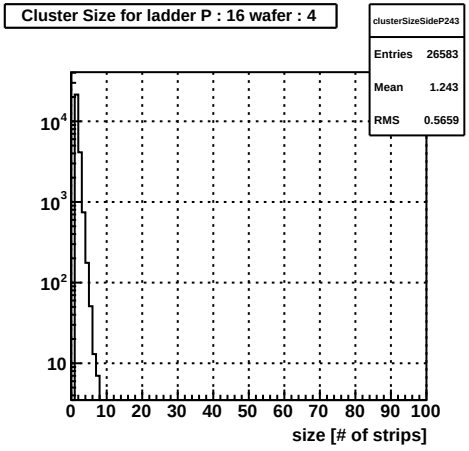

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 22811
Mean 1.27
RMS 0.5857
size [# of strips]

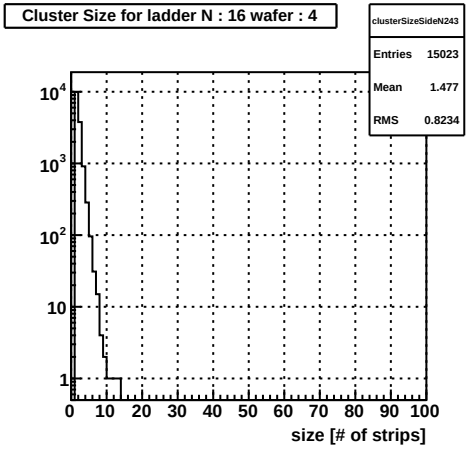

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 17204
Mean 1.435
RMS 0.7502
size [# of strips]

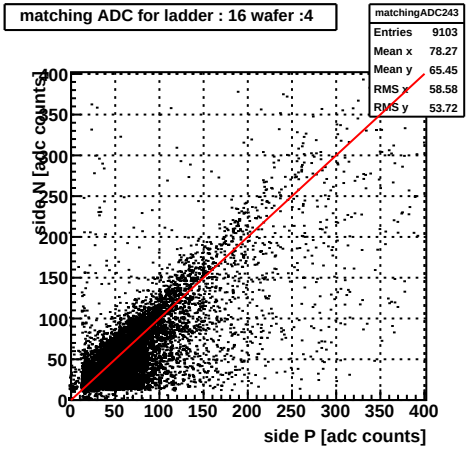

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 9087
Mean x 79.71
Mean y 68.08
RMS x 58.46
RMS y 52.78
side N [adc counts]
side P [adc counts]

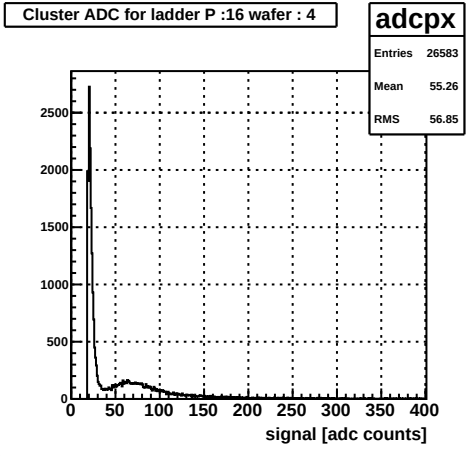

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 22811
Mean 57.87
RMS 56.65
signal [adc counts]

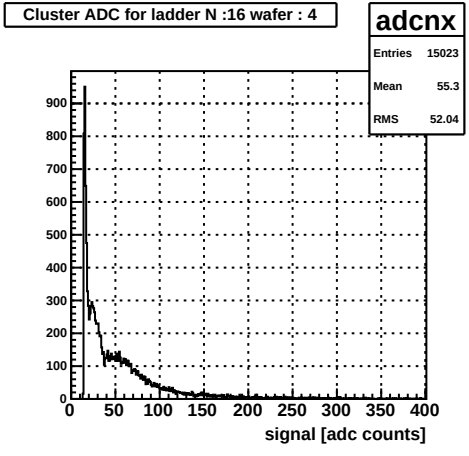

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 17204
Mean 54.26
RMS 51.22
signal [adc counts]

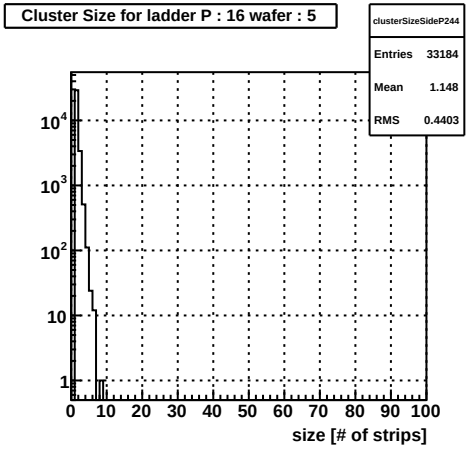

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 26583
Mean 1.243
RMS 0.5659
size [# of strips]

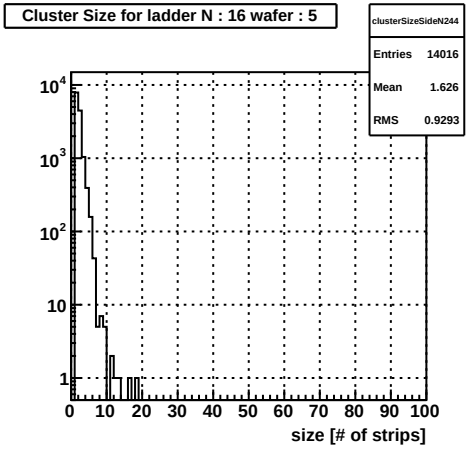

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 15023
Mean 1.477
RMS 0.8234
size [# of strips]

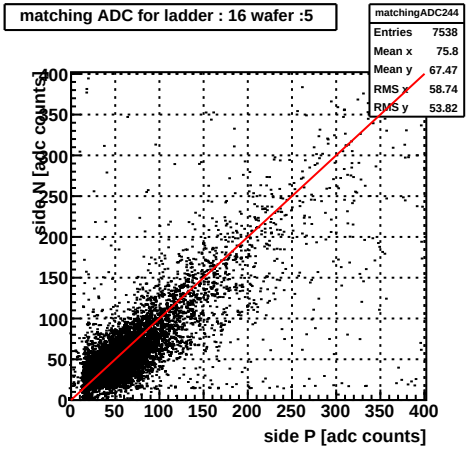

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 9103
Mean x 78.27
Mean y 65.45
RMS x 58.58
RMS y 53.72
side N [adc counts]
side P [adc counts]

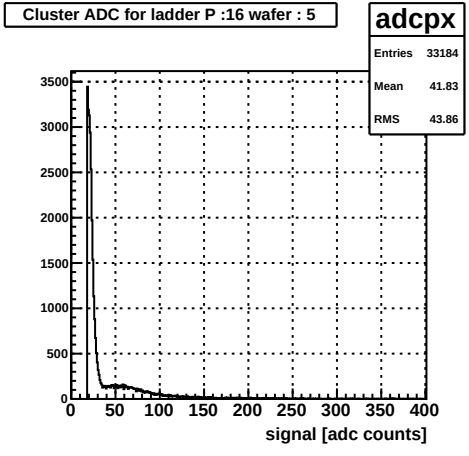

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 26583
Mean 55.26
RMS 56.85
signal [adc counts]

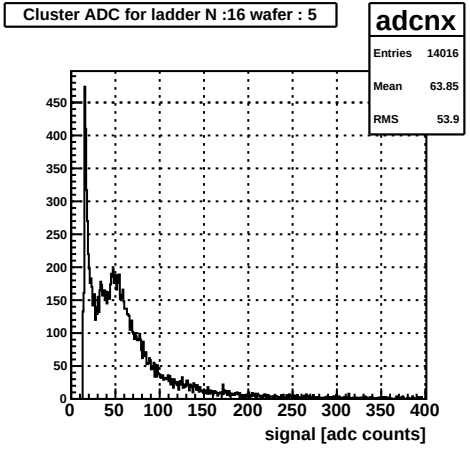

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 15023
Mean 55.3
RMS 52.04
signal [adc counts]

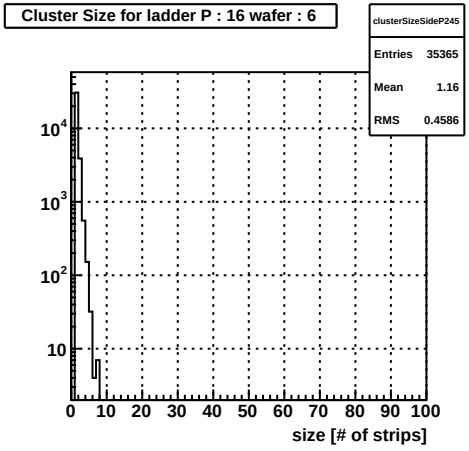

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 33184
Mean 1.148
RMS 0.4403
size [# of strips]

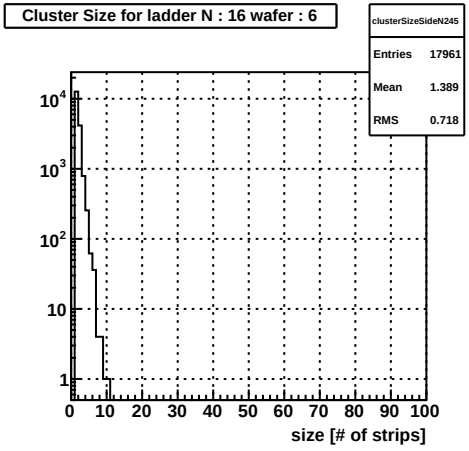

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 14016
Mean 1.626
RMS 0.9293
size [# of strips]

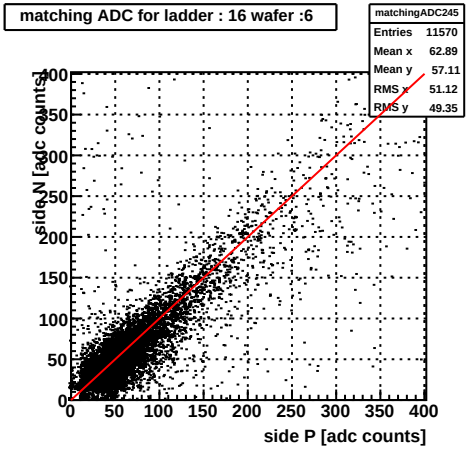

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 7538
Mean x 75.8
Mean y 67.47
RMS x 58.74
RMS y 53.82
side N [adc counts]
side P [adc counts]

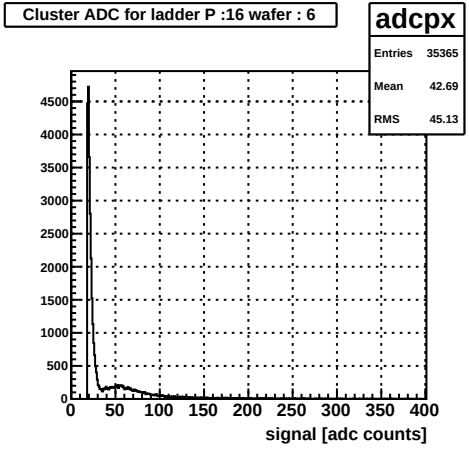

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 33184
Mean 41.83
RMS 43.86
signal [adc counts]

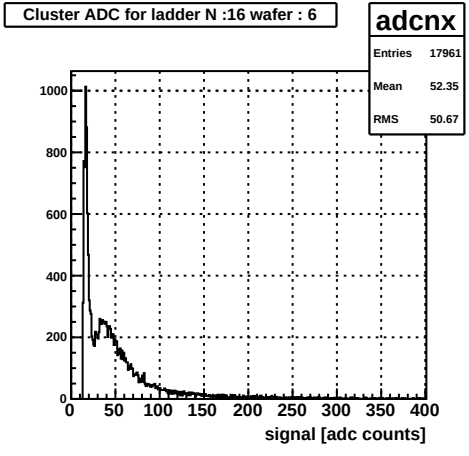

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 14016
Mean 63.85
RMS 53.9
signal [adc counts]

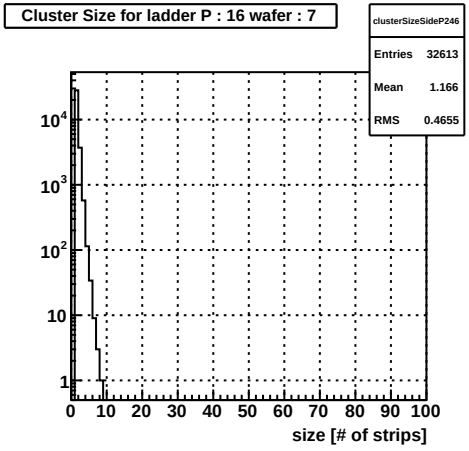

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 35365
Mean 1.16
RMS 0.4586
size [# of strips]

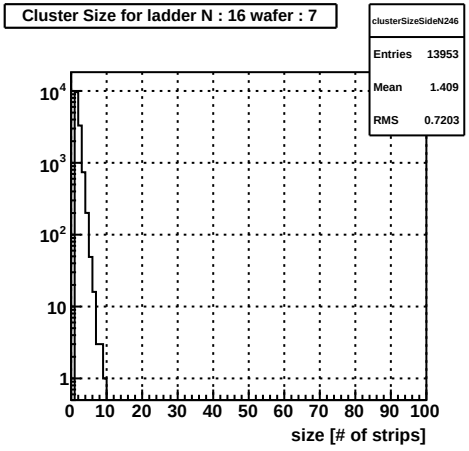

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 17961
Mean 1.389
RMS 0.718
size [# of strips]

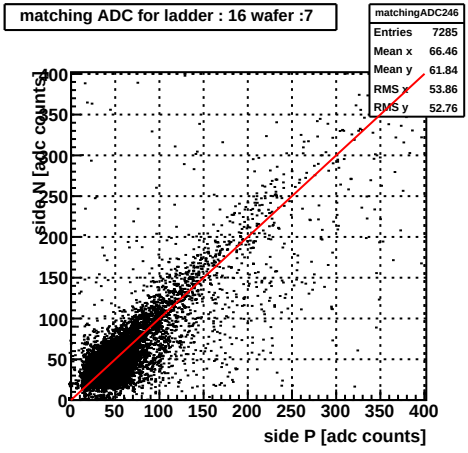

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11570
Mean x 62.89
Mean y 57.11
RMS x 51.12
RMS y 49.35
side N [adc counts]
side P [adc counts]

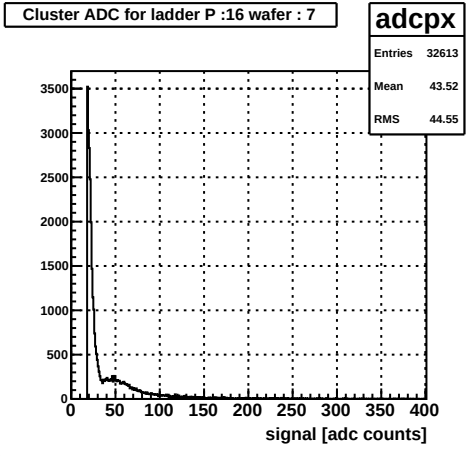

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 35365
Mean 42.69
RMS 45.13
signal [adc counts]

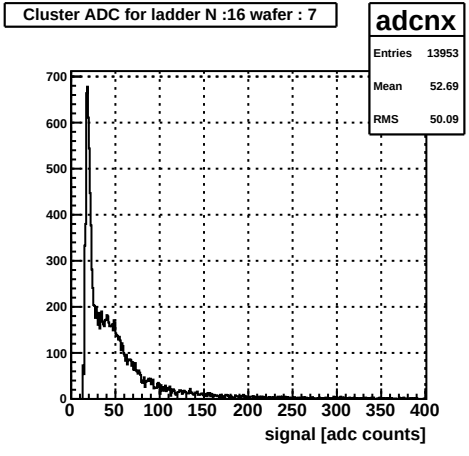

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 17961
Mean 52.35
RMS 50.67
signal [adc counts]

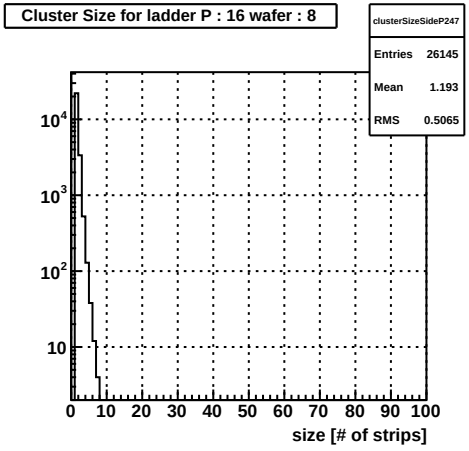

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 32613
Mean 1.166
RMS 0.4655
size [# of strips]

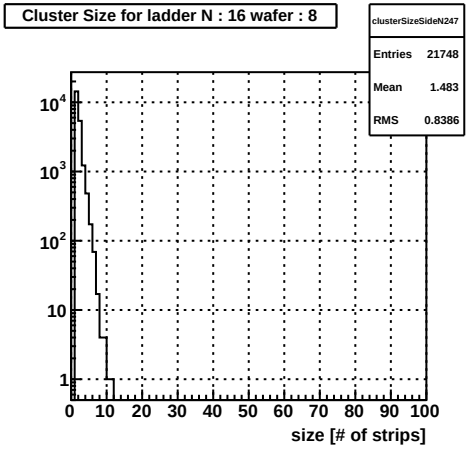

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13953
Mean 1.409
RMS 0.7203
size [# of strips]

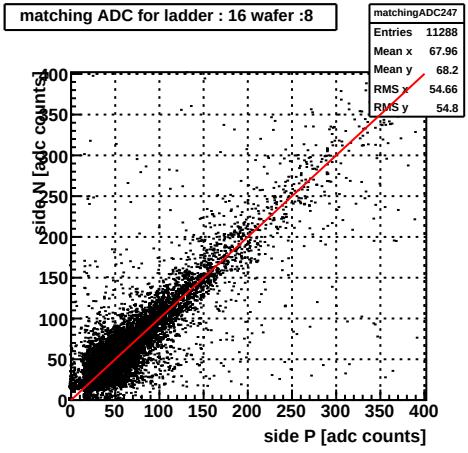

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7285
Mean x 66.46
Mean y 61.84
RMS x 53.86
RMS y 52.76
side N [adc counts]
side P [adc counts]

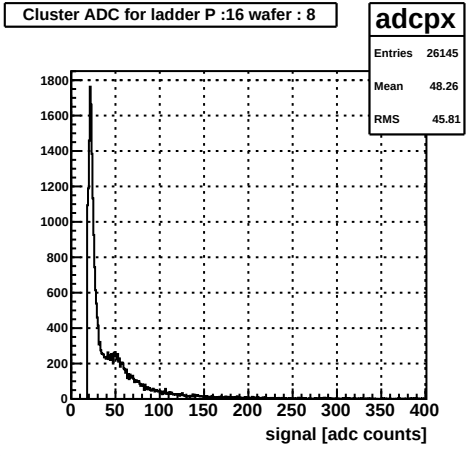

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 32613
Mean 43.52
RMS 44.55
signal [adc counts]

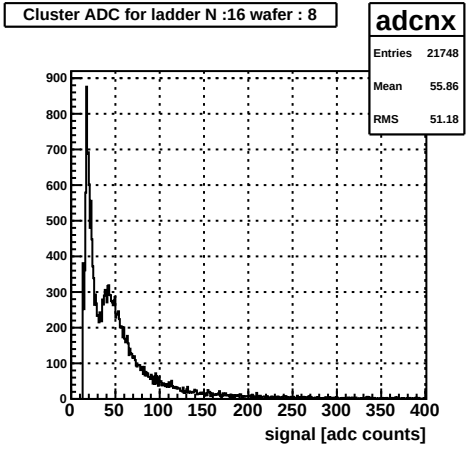

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13953
Mean 52.69
RMS 50.09
signal [adc counts]

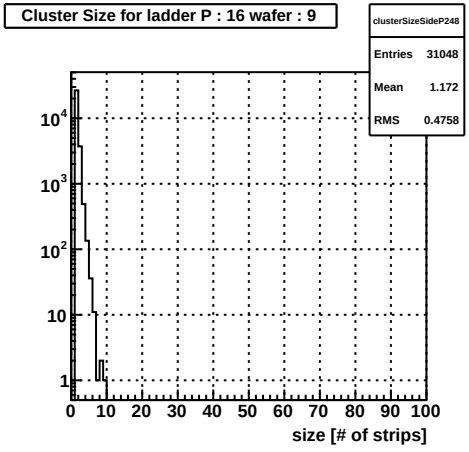

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26145
Mean 1.193
RMS 0.5065
size [# of strips]

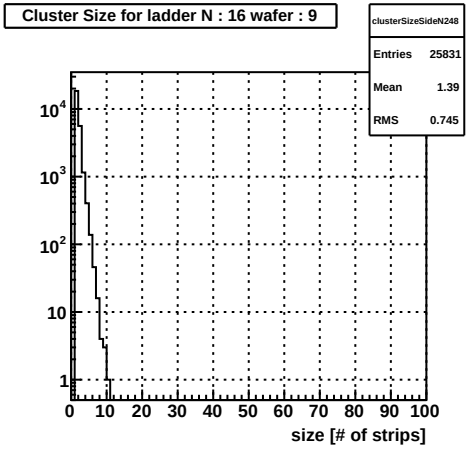

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 21748
Mean 1.483
RMS 0.8386
size [# of strips]

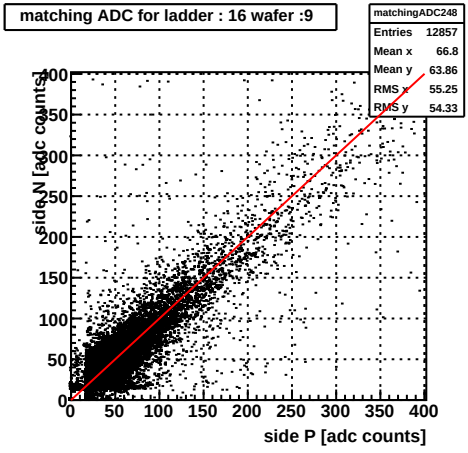

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11288
Mean x 67.96
Mean y 68.2
RMS x 54.66
RMS y 54.8
side N [adc counts]
side P [adc counts]

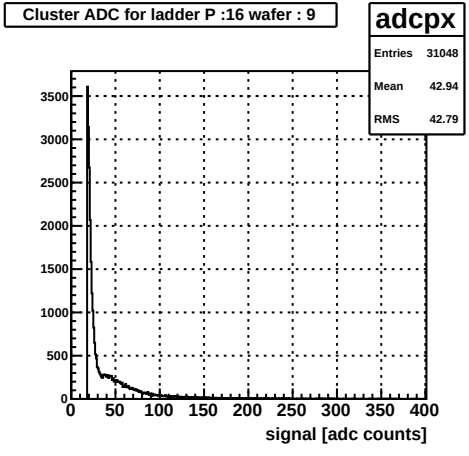

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26145
Mean 48.26
RMS 45.81
signal [adc counts]

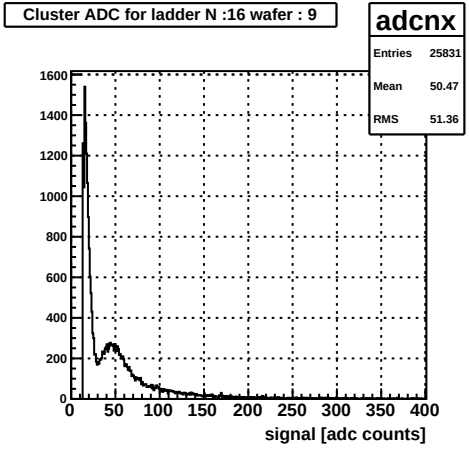

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 21748
Mean 55.86
RMS 51.18
signal [adc counts]

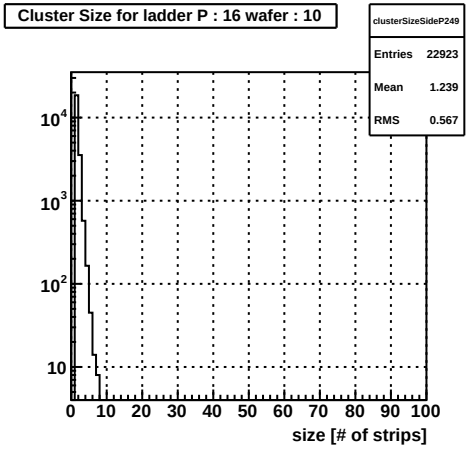

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 31048
Mean 1.172
RMS 0.4758
size [# of strips]

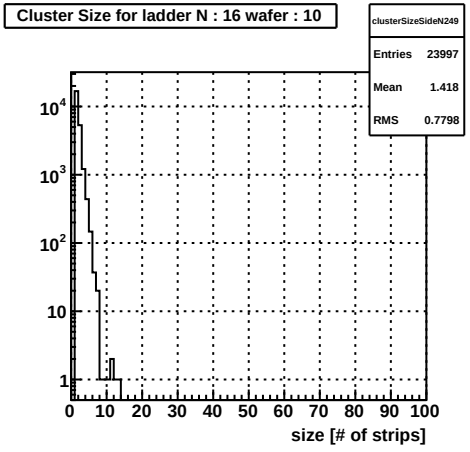

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 25831
Mean 1.39
RMS 0.745
size [# of strips]

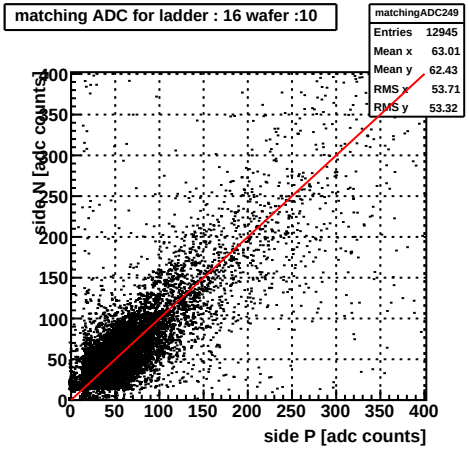

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 12857
Mean x 66.8
Mean y 63.86
RMS x 55.25
RMS y 54.33
side N [adc counts]
side P [adc counts]

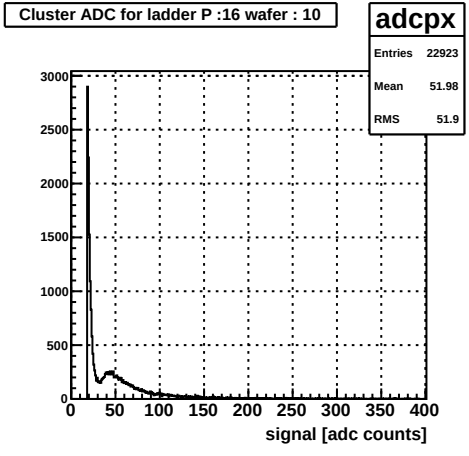

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 31048
Mean 42.94
RMS 42.79
signal [adc counts]

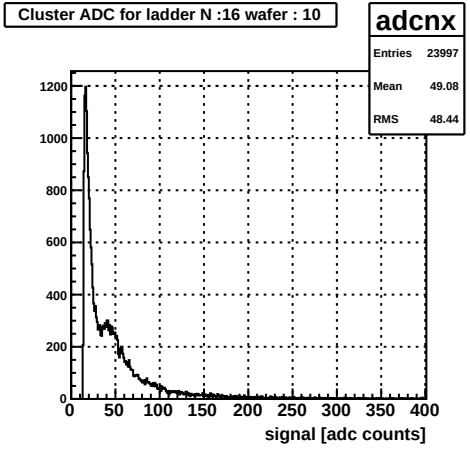

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 25831
Mean 50.47
RMS 51.36
signal [adc counts]

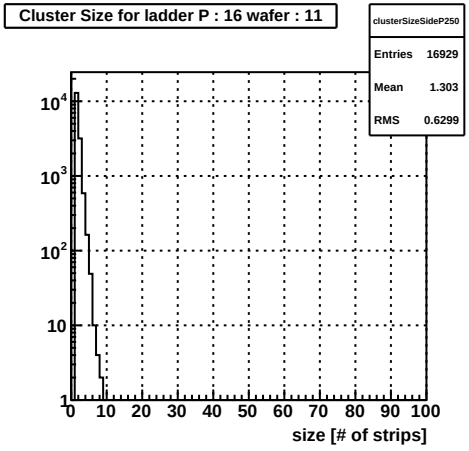

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 22923
Mean 1.239
RMS 0.567
size [# of strips]

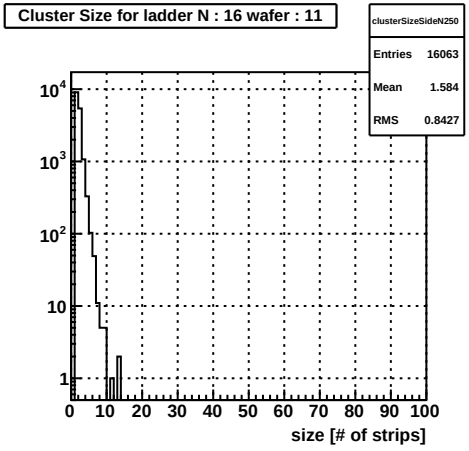

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 23997
Mean 1.418
RMS 0.7798
size [# of strips]

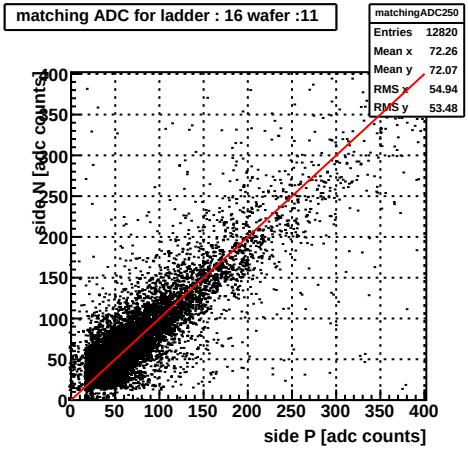

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 12945
Mean x 63.01
Mean y 62.43
RMS x 53.71
RMS y 53.32
side N [adc counts]
side P [adc counts]

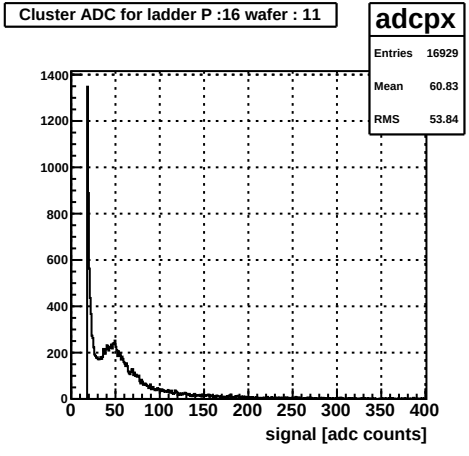

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 22923
Mean 51.98
RMS 51.9
signal [adc counts]

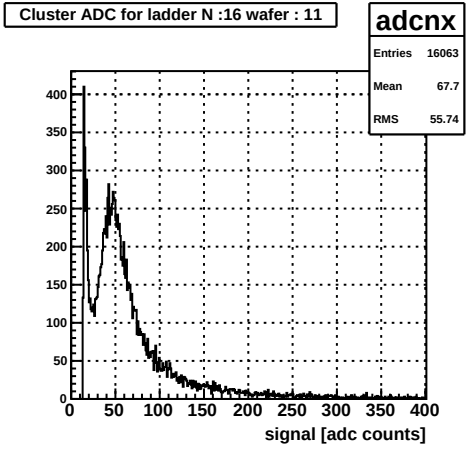

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 23997
Mean 49.08
RMS 48.44
signal [adc counts]

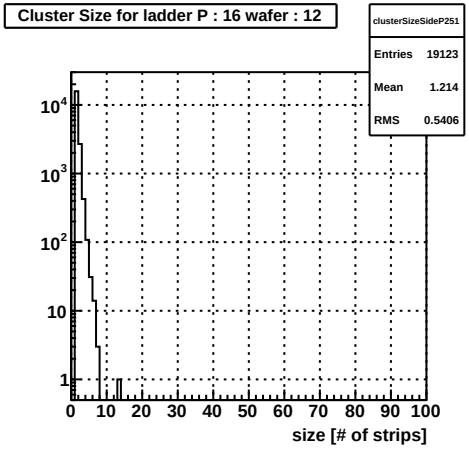

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 16929
Mean 1.303
RMS 0.6299
size [# of strips]

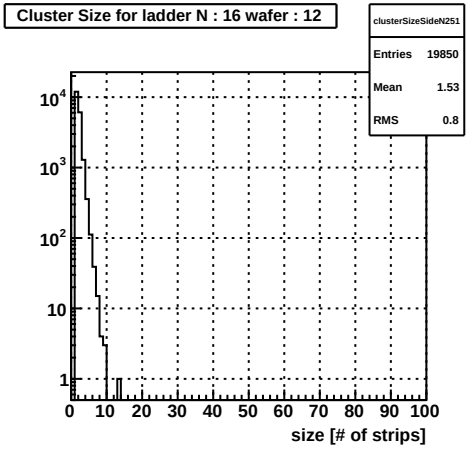

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 16063
Mean 1.584
RMS 0.8427
size [# of strips]

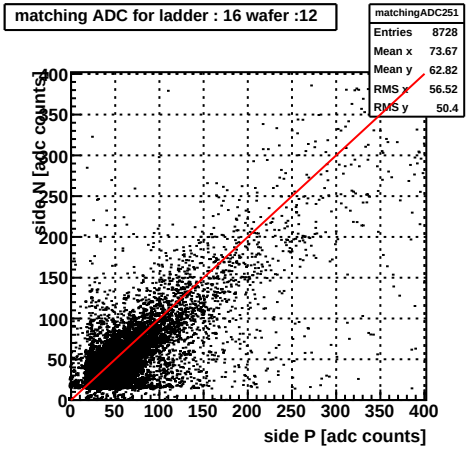

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 12820
Mean x 72.26
Mean y 72.07
RMS x 54.94
RMS y 53.48
side N [adc counts]
side P [adc counts]

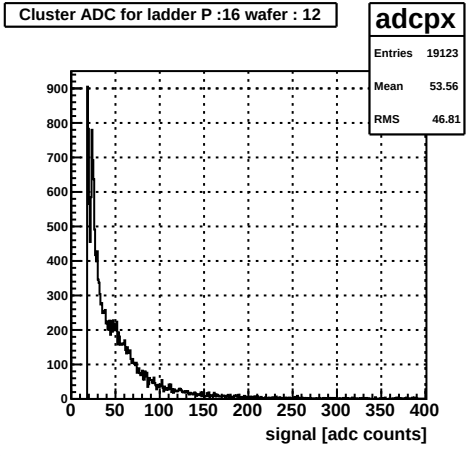

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 16929
Mean 60.83
RMS 53.84
signal [adc counts]

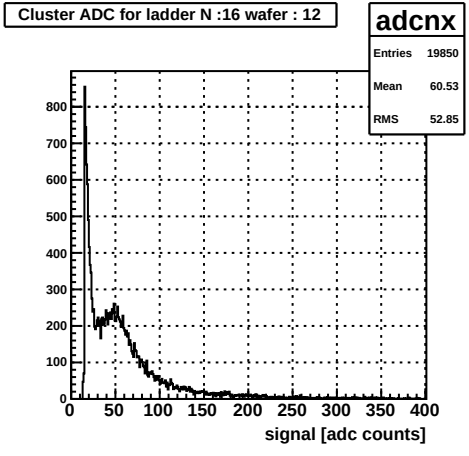

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 16063
Mean 67.7
RMS 55.74
signal [adc counts]

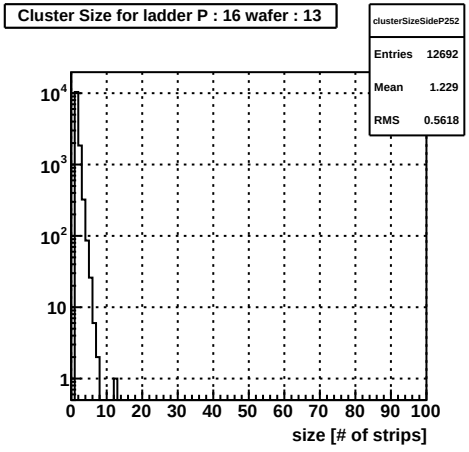

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 19123
Mean 1.214
RMS 0.5406
size [# of strips]

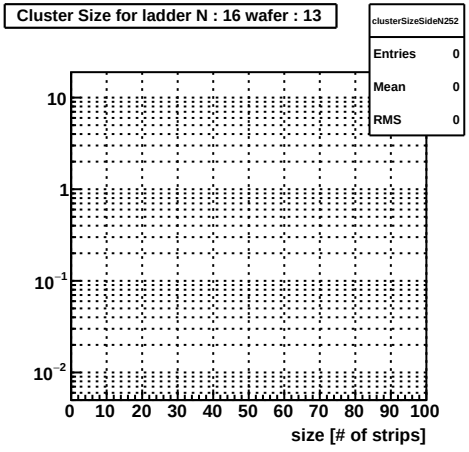

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 19850
Mean 1.53
RMS 0.8
size [# of strips]

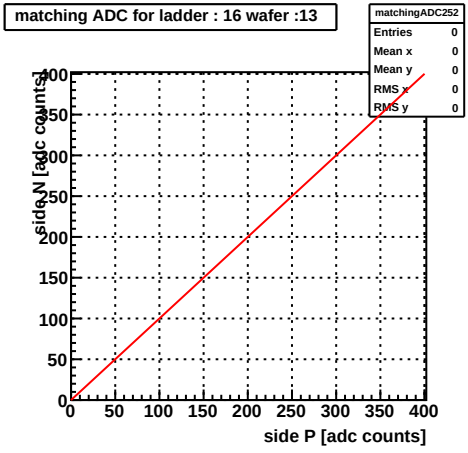

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 8728
Mean x 73.67
Mean y 62.82
RMS x 56.52
RMS y 50.4
side N [adc counts]
side P [adc counts]

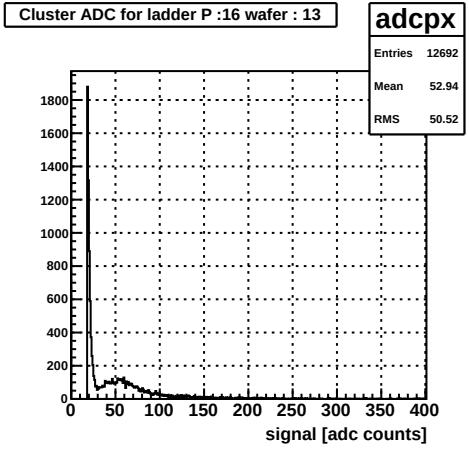

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 19123
Mean 53.56
RMS 46.81
signal [adc counts]

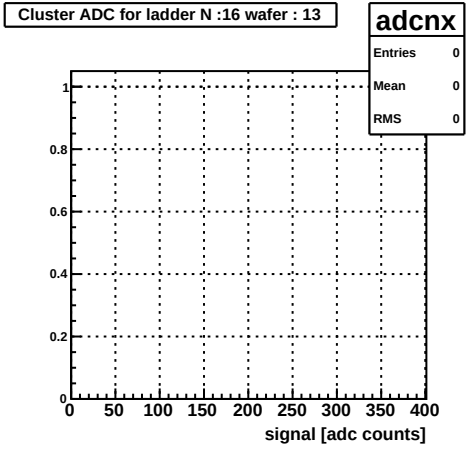

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 19850
Mean 60.53
RMS 52.85
signal [adc counts]

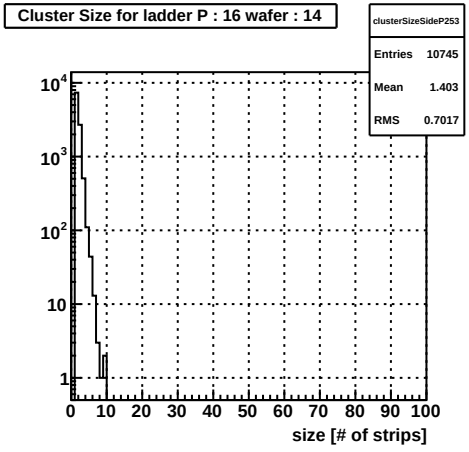

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 12692
Mean 1.229
RMS 0.5618
size [# of strips]

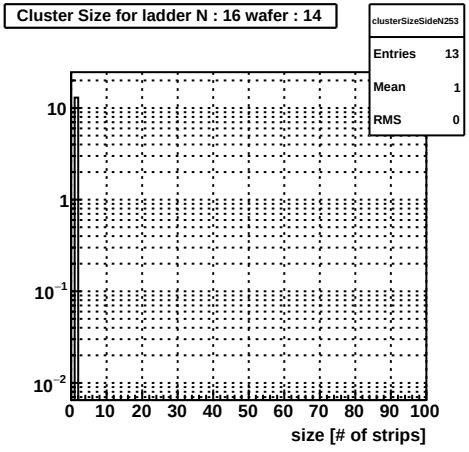

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

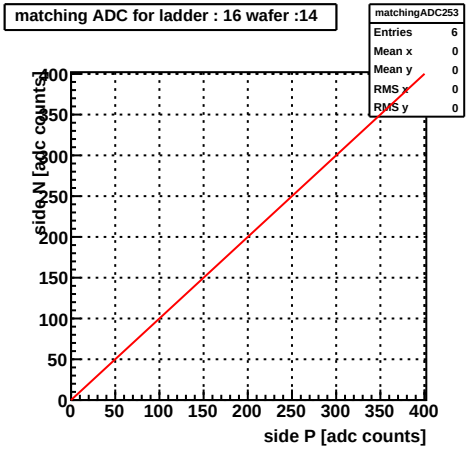

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

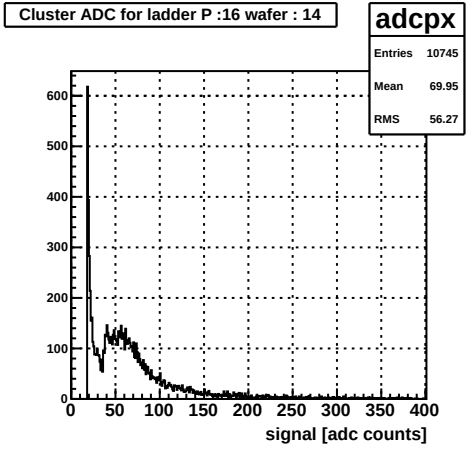

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 12692
Mean 52.94
RMS 50.52
signal [adc counts]

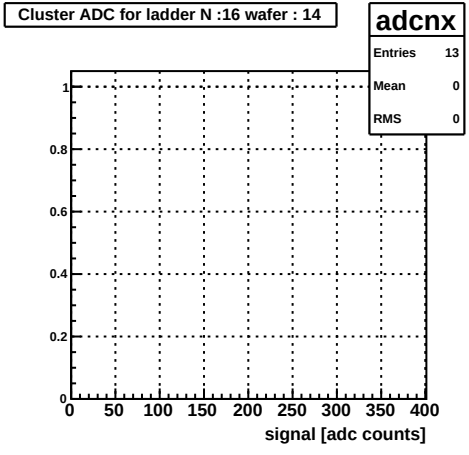

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

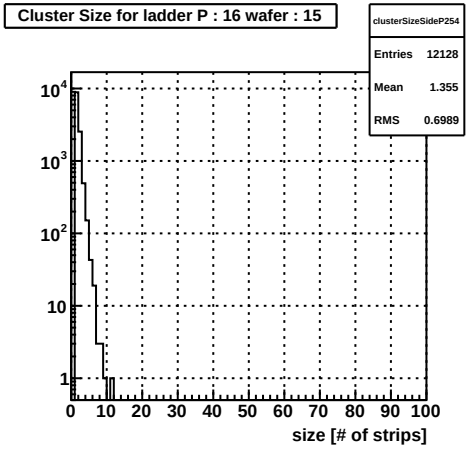

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 10745
Mean 1.403
RMS 0.7017
size [# of strips]

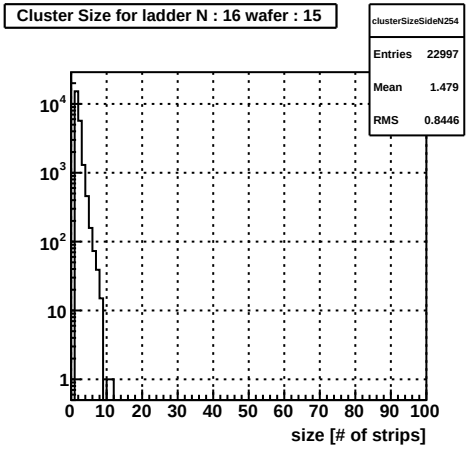

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 13
Mean 1
RMS 0
size [# of strips]

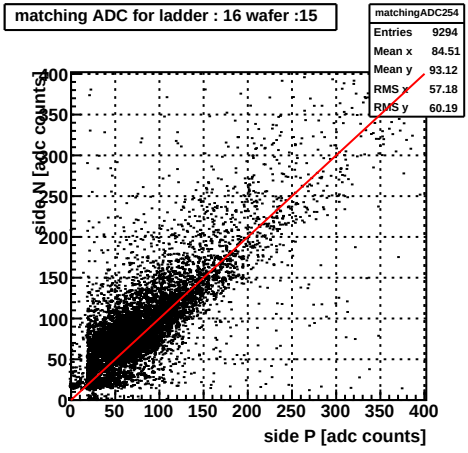

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

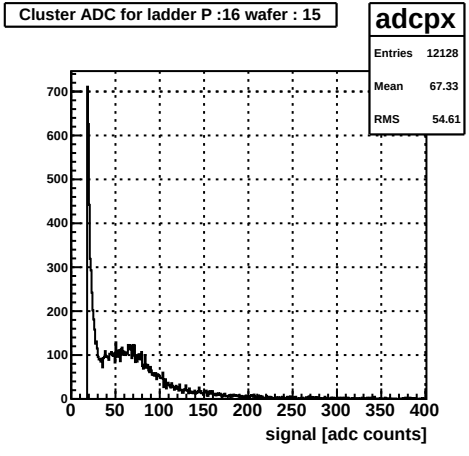

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 10745
Mean 69.95
RMS 56.27
signal [adc counts]

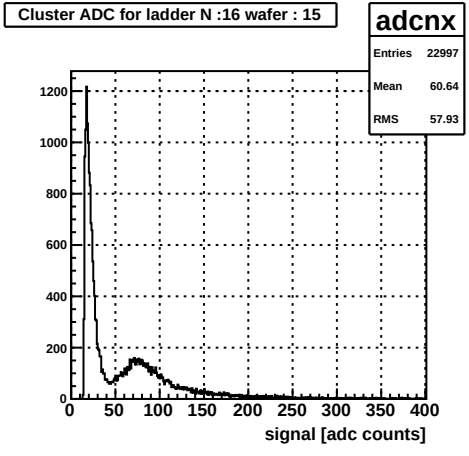

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 13
Mean 0
RMS 0
signal [adc counts]

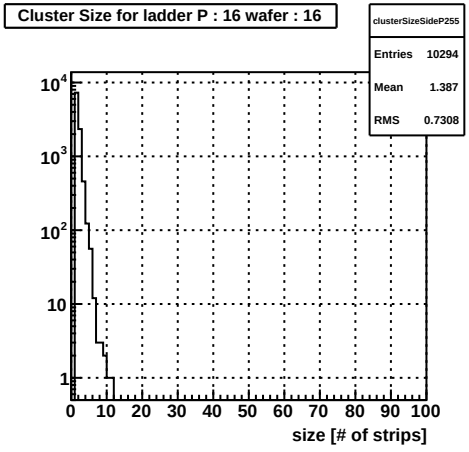

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 12128
Mean 1.355
RMS 0.6989
size [# of strips]

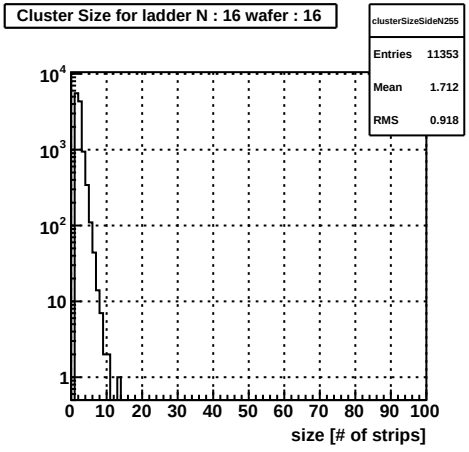

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 22997
Mean 1.479
RMS 0.8446
size [# of strips]

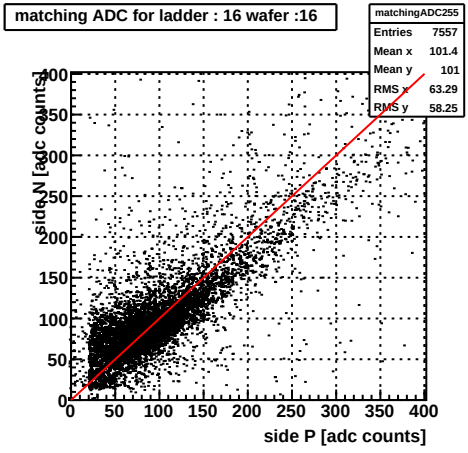

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 9294
Mean x 84.51
Mean y 93.12
RMS x 57.18
RMS y 60.19
side N [adc counts]
side P [adc counts]

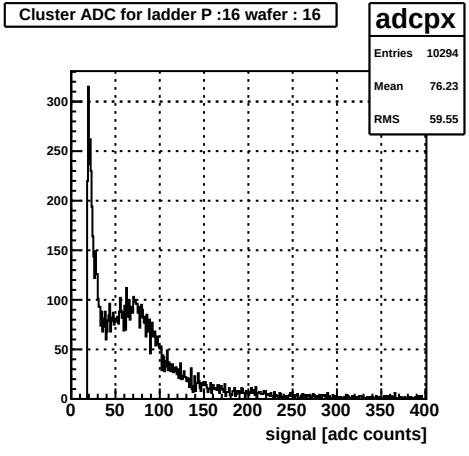

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 12128
Mean 67.33
RMS 54.61
signal [adc counts]

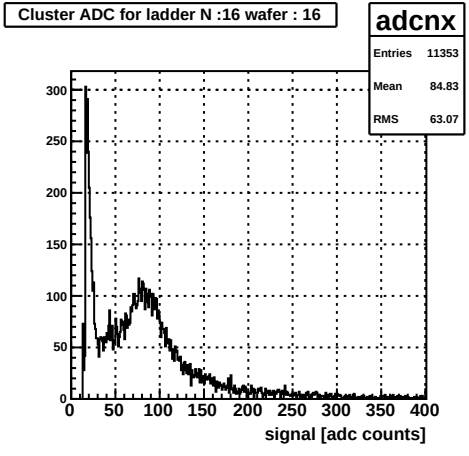

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 22997
Mean 60.64
RMS 57.93
signal [adc counts]

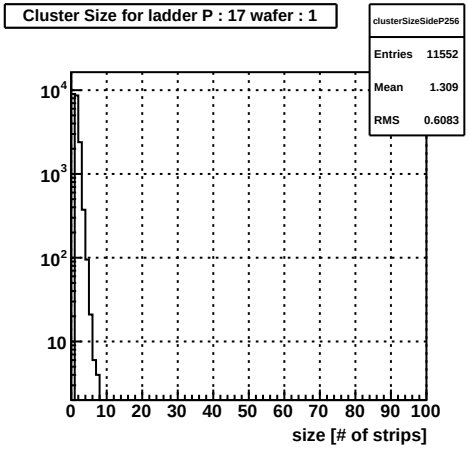

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10294
Mean 1.387
RMS 0.7308
size [# of strips]

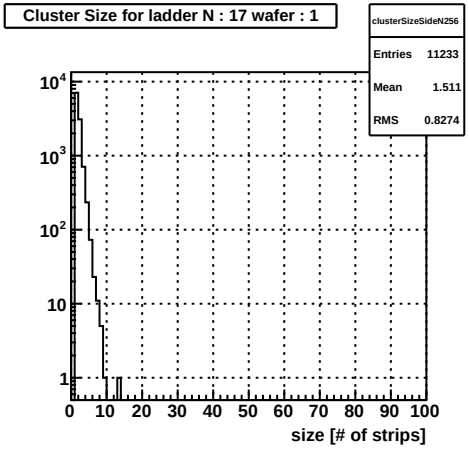

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 11353
Mean 1.712
RMS 0.918
size [# of strips]

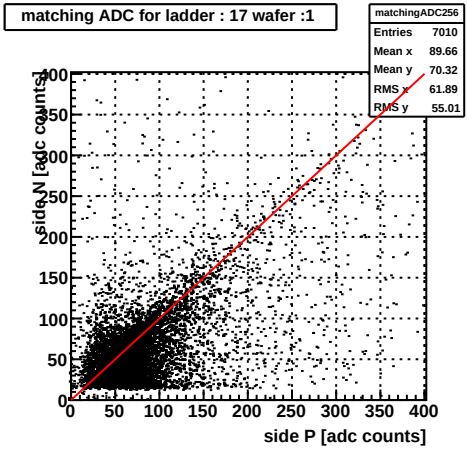

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 7557
Mean x 101.4
Mean y 101
RMS x 63.29
RMS y 58.25
side N [adc counts]
side P [adc counts]

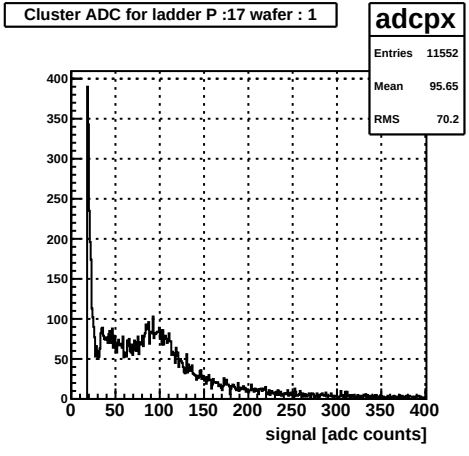

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10294
Mean 76.23
RMS 59.55
signal [adc counts]

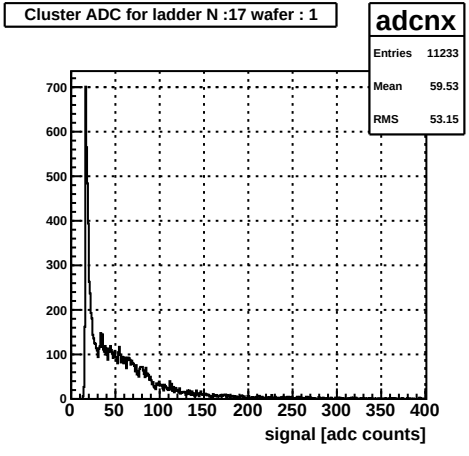

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 11353
Mean 84.83
RMS 63.07
signal [adc counts]

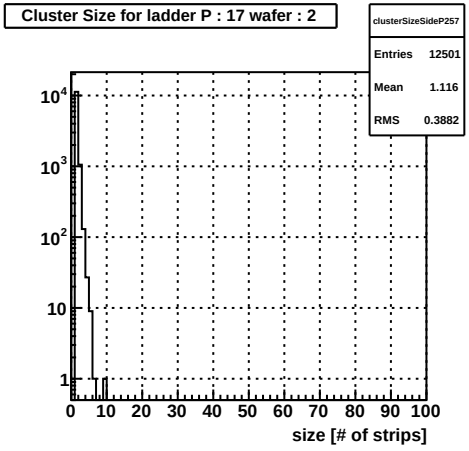

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 11552
Mean 1.309
RMS 0.6083
size [# of strips]

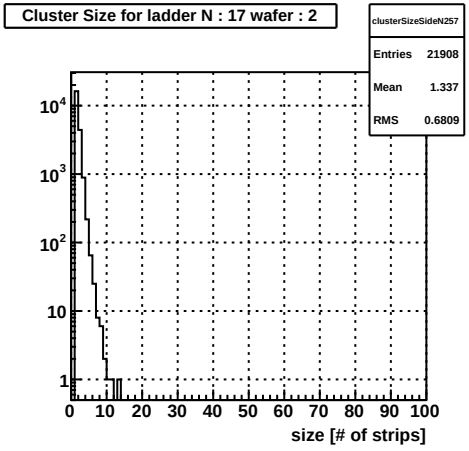

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 11233
Mean 1.511
RMS 0.8274
size [# of strips]

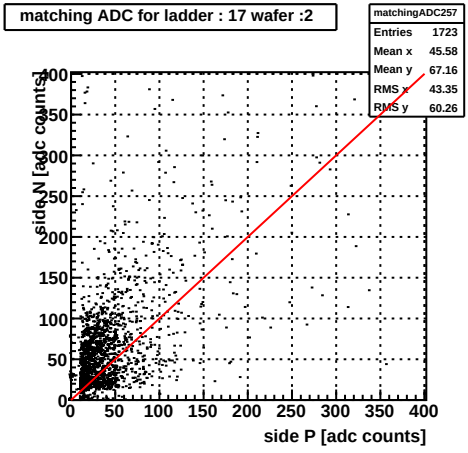

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7010
Mean x 89.66
Mean y 70.32
RMS x 61.89
RMS y 55.01
side N [adc counts]
side P [adc counts]

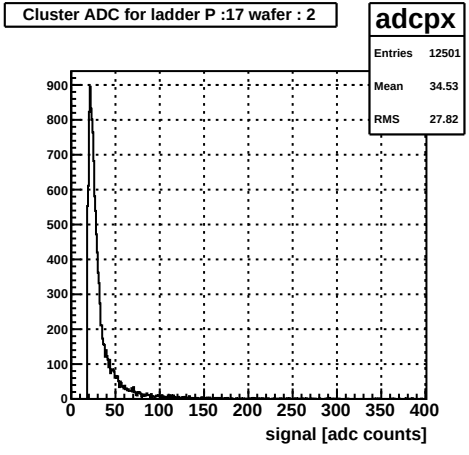

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 11552
Mean 95.65
RMS 70.2
signal [adc counts]

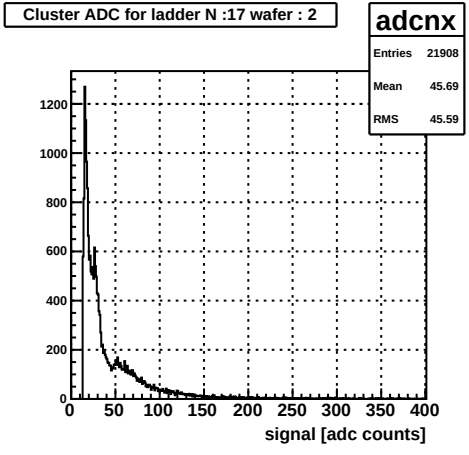

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 11233
Mean 59.53
RMS 53.15
signal [adc counts]

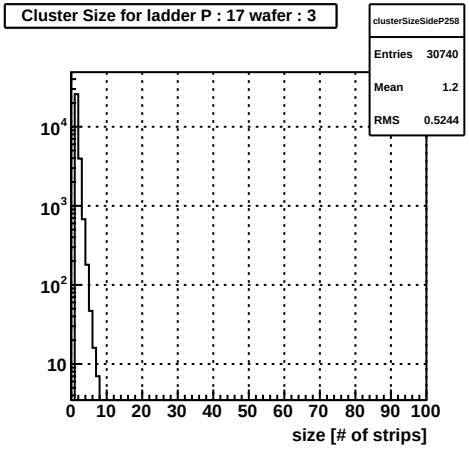

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 12501
Mean 1.116
RMS 0.3882
size [# of strips]

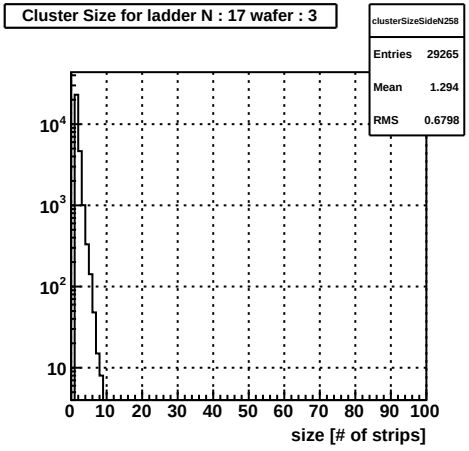

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 21908
Mean 1.337
RMS 0.6809
size [# of strips]

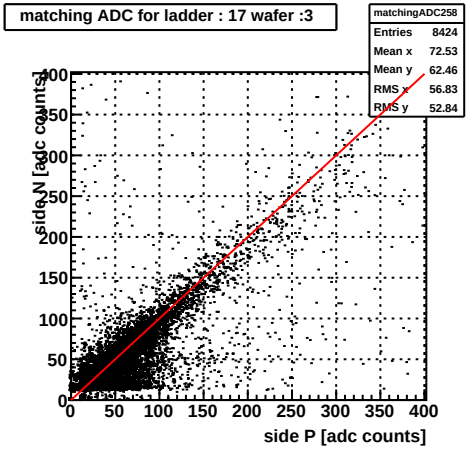

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1723
Mean x 45.58
Mean y 67.16
RMS x 43.35
RMS y 60.26
side N [adc counts]
side P [adc counts]

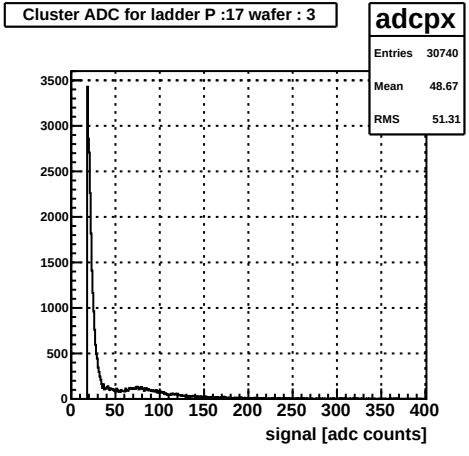

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 12501
Mean 34.53
RMS 27.82
signal [adc counts]

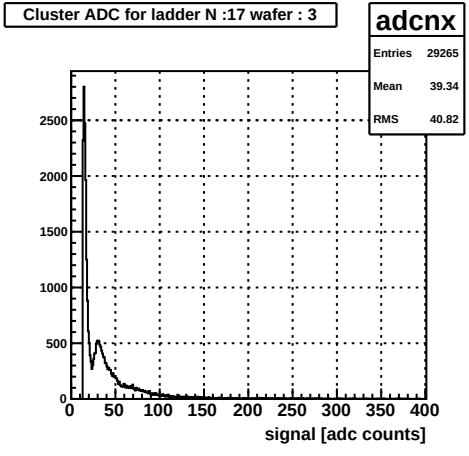

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 21908
Mean 45.69
RMS 45.59
signal [adc counts]

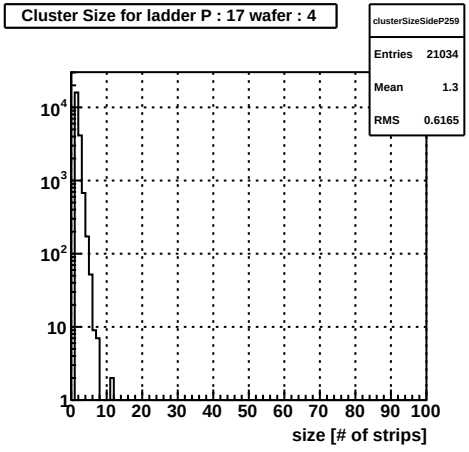

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 30740
Mean 1.2
RMS 0.5244
size [# of strips]

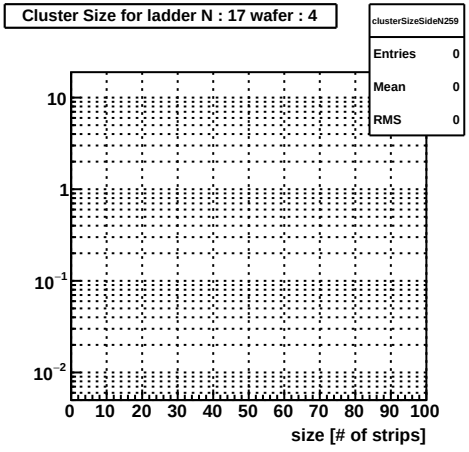

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 29265
Mean 1.294
RMS 0.6798
size [# of strips]

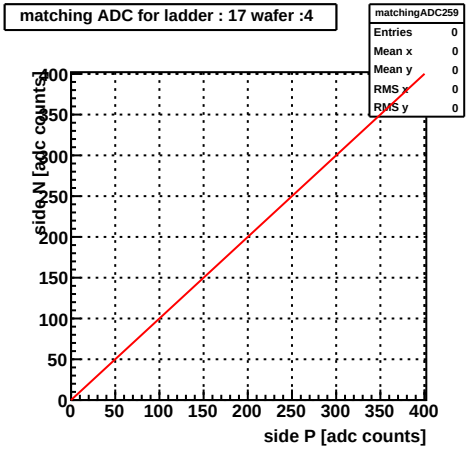

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8424
Mean x 72.53
Mean y 62.46
RMS x 56.83
RMS y 52.84
side N [adc counts]
side P [adc counts]

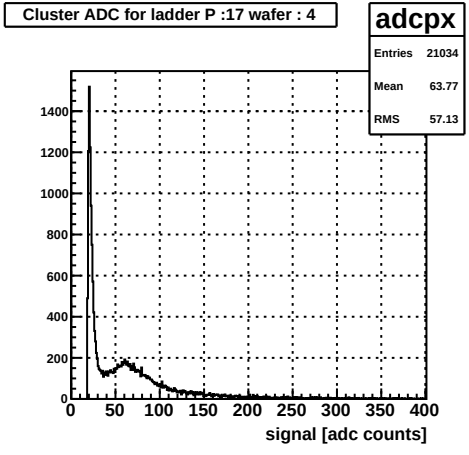

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 30740
Mean 48.67
RMS 51.31
signal [adc counts]

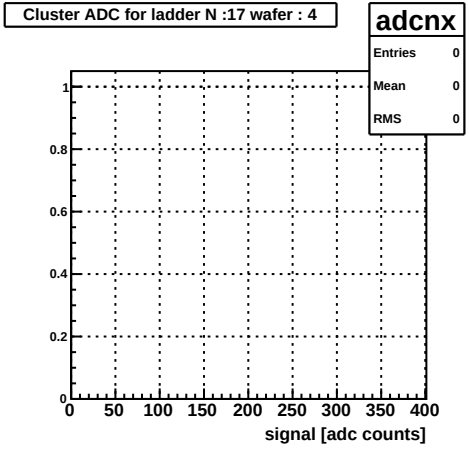

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 29265
Mean 39.34
RMS 40.82
signal [adc counts]

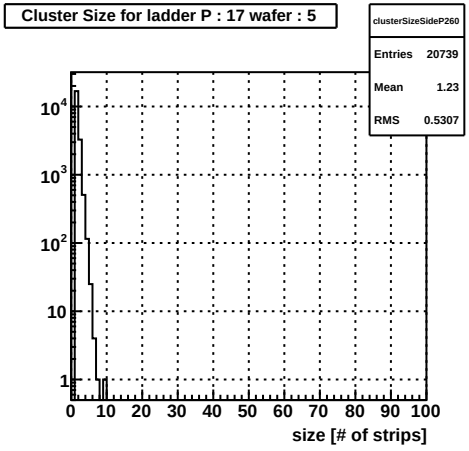

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 21034
Mean 1.3
RMS 0.6165
size [# of strips]

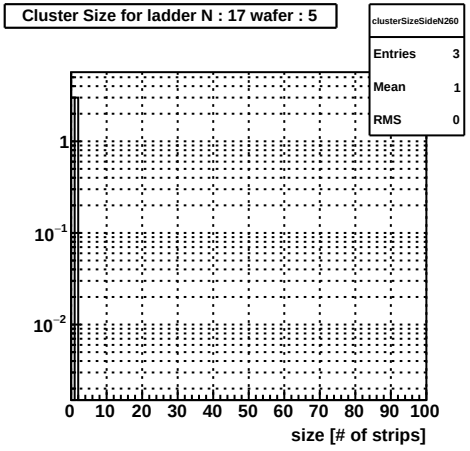

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

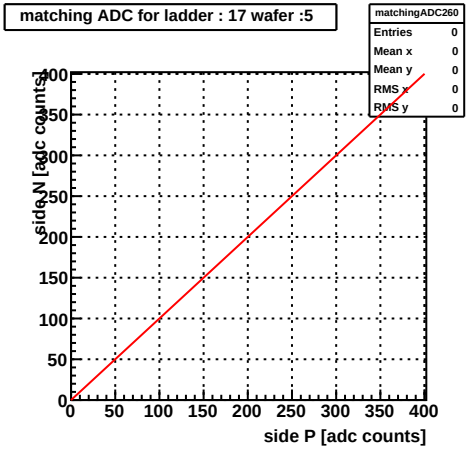

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

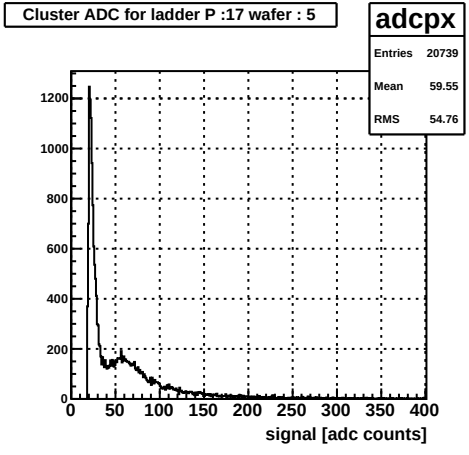

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 21034
Mean 63.77
RMS 57.13
signal [adc counts]

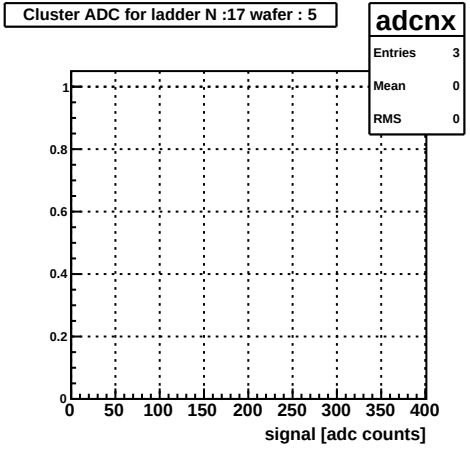

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

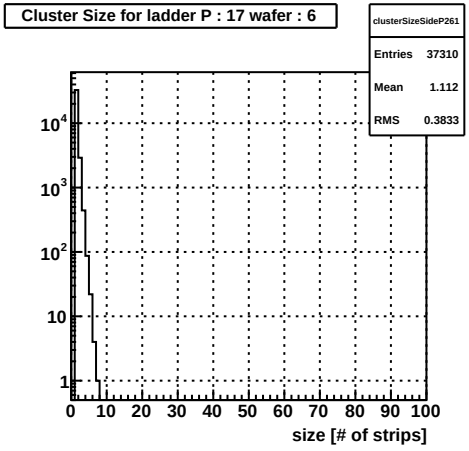

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 20739
Mean 1.23
RMS 0.5307
size [# of strips]

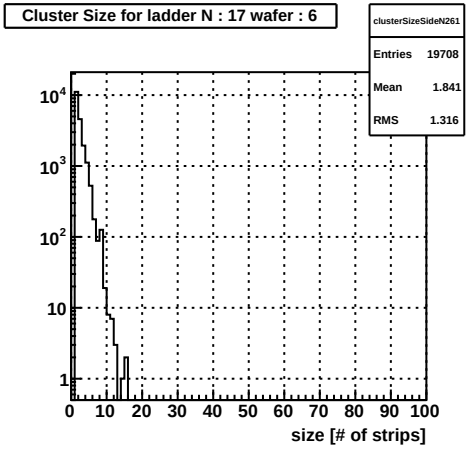

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 3
Mean 1
RMS 0
size [# of strips]

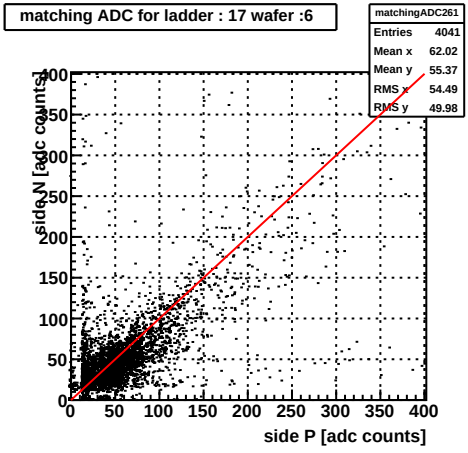

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

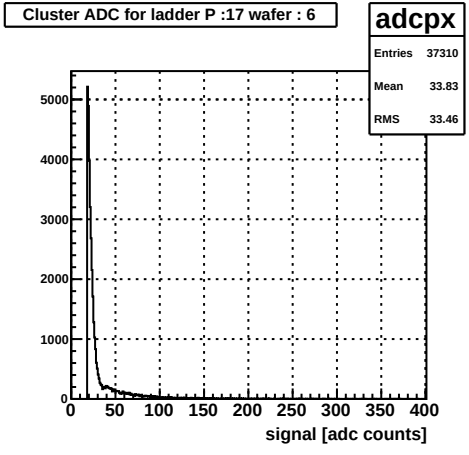

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 20739
Mean 59.55
RMS 54.76
signal [adc counts]

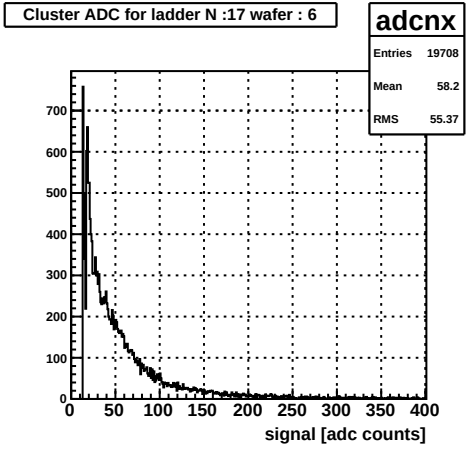

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

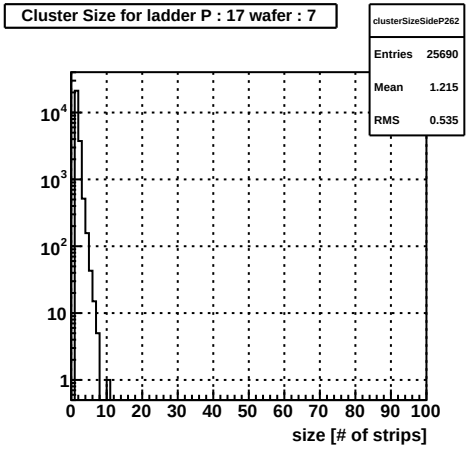

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 37310
Mean 1.112
RMS 0.3833
size [# of strips]

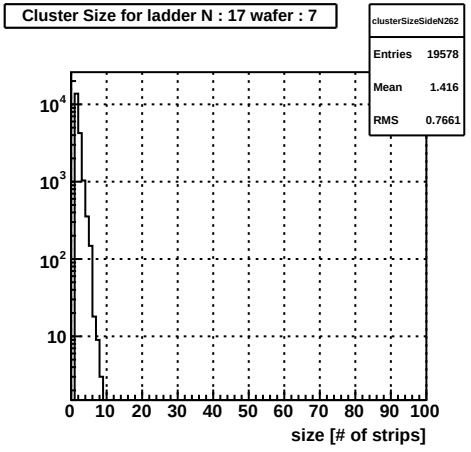

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 19708
Mean 1.841
RMS 1.316
size [# of strips]

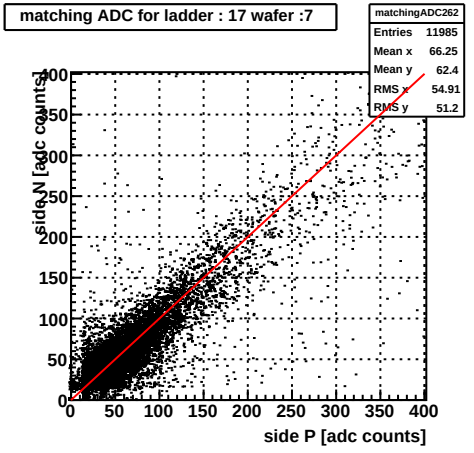

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4041
Mean x 62.02
Mean y 55.37
RMS x 54.49
RMS y 49.98
side N [adc counts]
side P [adc counts]

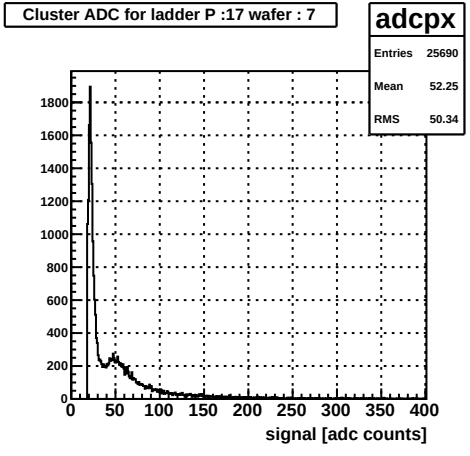

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 37310
Mean 33.83
RMS 33.46
signal [adc counts]

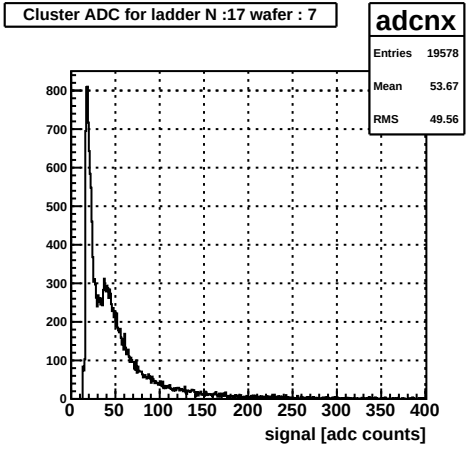

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 19708
Mean 58.2
RMS 55.37
signal [adc counts]

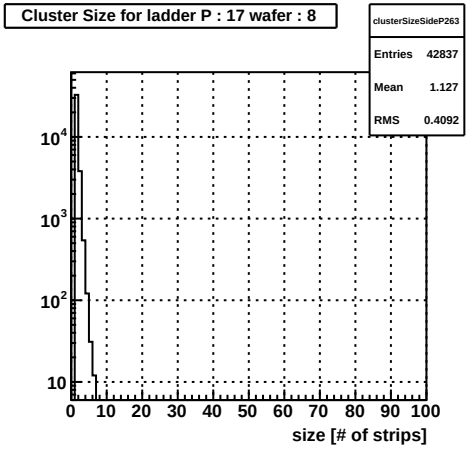

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 25690
Mean 1.215
RMS 0.535
size [# of strips]

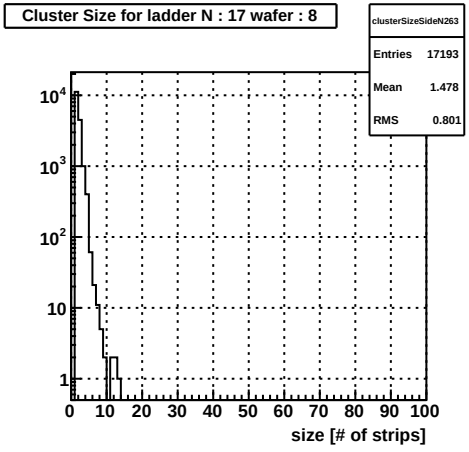

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 19578
Mean 1.416
RMS 0.7661
size [# of strips]

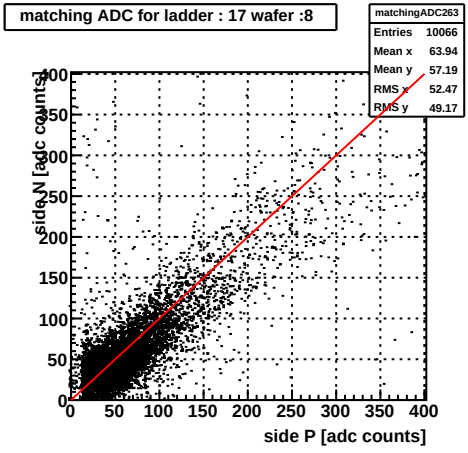

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 11985
Mean x 66.25
Mean y 62.4
RMS x 54.91
RMS y 51.2
side N [adc counts]
side P [adc counts]

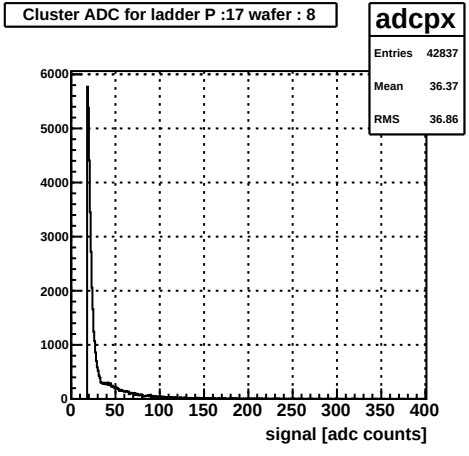

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 25690
Mean 52.25
RMS 50.34
signal [adc counts]

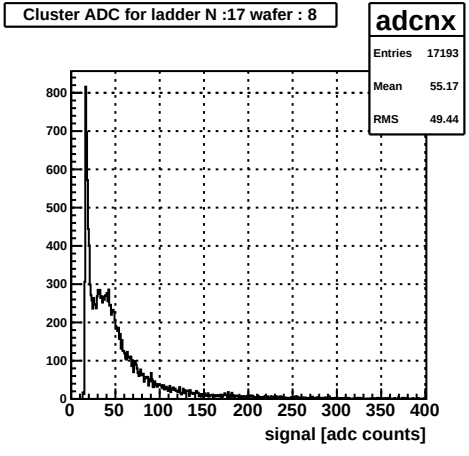

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 19578
Mean 53.67
RMS 49.56
signal [adc counts]

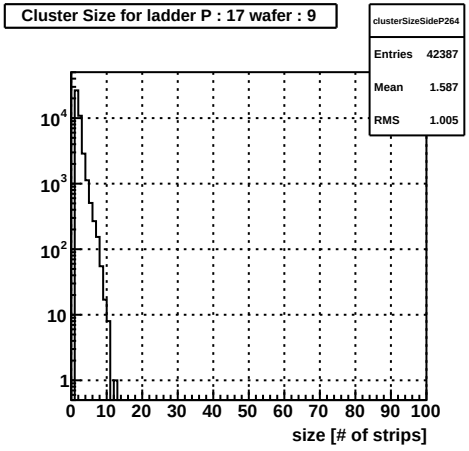

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 42837
Mean 1.127
RMS 0.4092
size [# of strips]

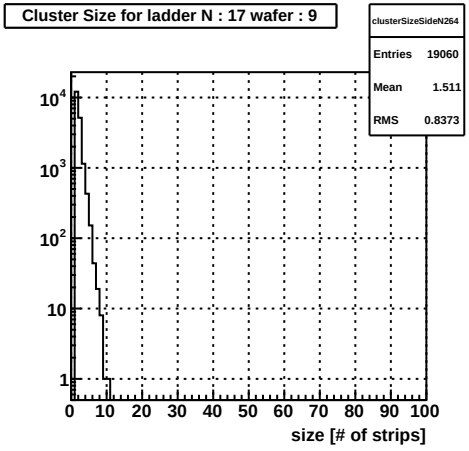

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 17193
Mean 1.478
RMS 0.801
size [# of strips]

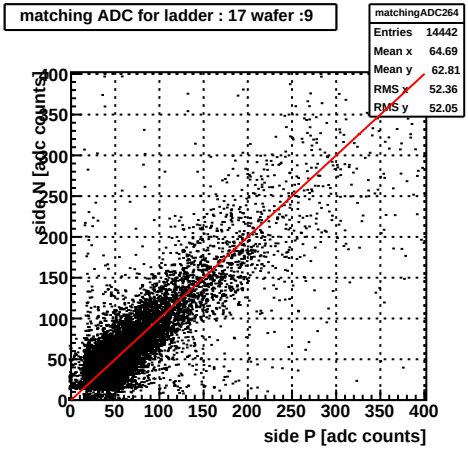

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 10066
Mean x 63.94
Mean y 57.19
RMS x 52.47
RMS y 49.17
side N [adc counts]
side P [adc counts]

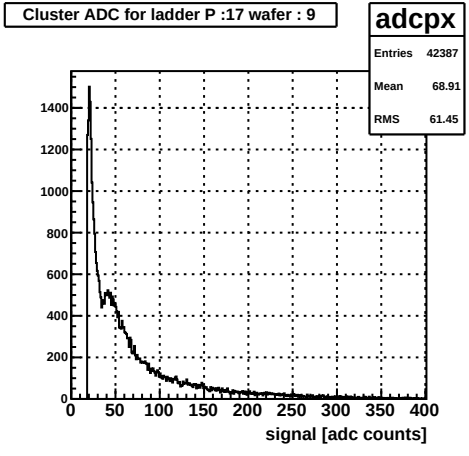

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 42837
Mean 36.37
RMS 36.86
signal [adc counts]

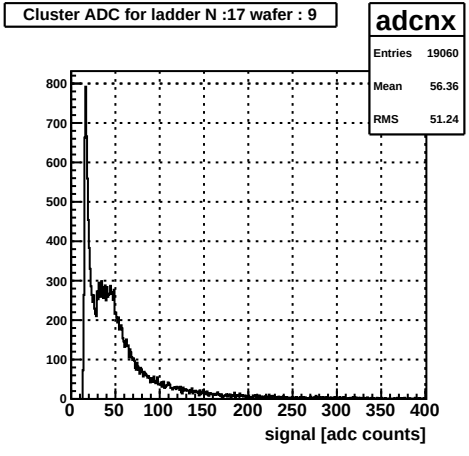

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 17193
Mean 55.17
RMS 49.44
signal [adc counts]

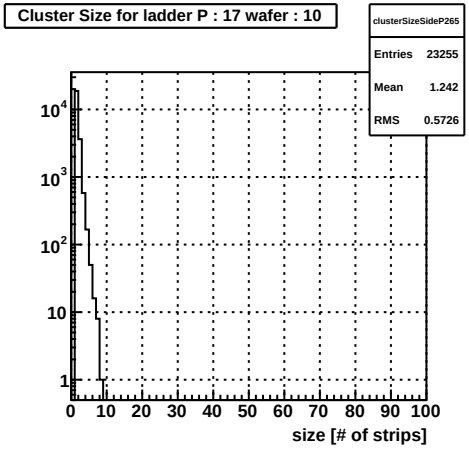

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 42387
Mean 1.587
RMS 1.005
size [# of strips]

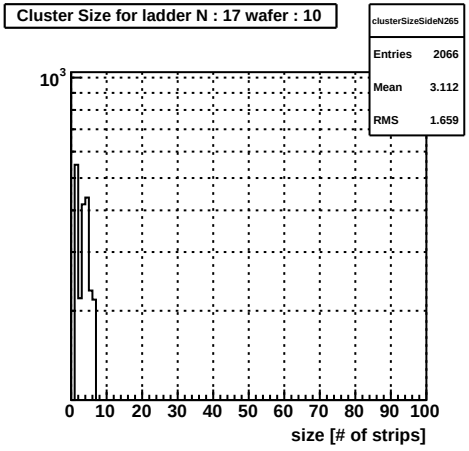

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 19060
Mean 1.511
RMS 0.8373
size [# of strips]

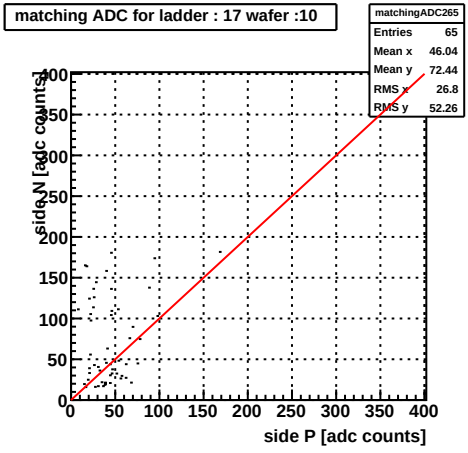

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 14442
Mean x 64.69
Mean y 62.81
RMS x 52.36
RMS y 52.05
side N [adc counts]
side P [adc counts]

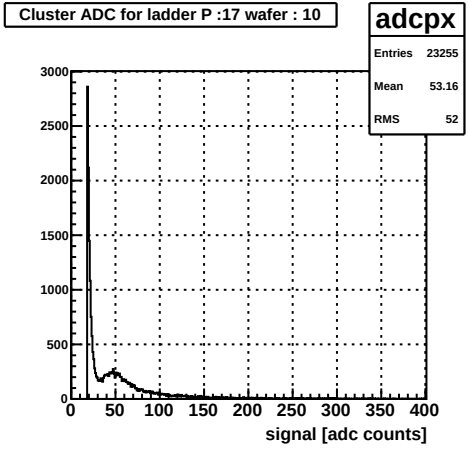

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 42387
Mean 68.91
RMS 61.45
signal [adc counts]

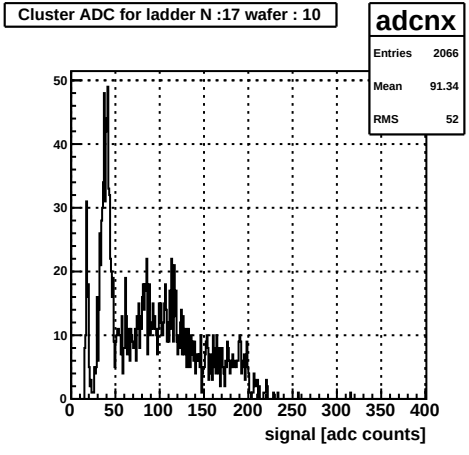

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 19060
Mean 56.36
RMS 51.24
signal [adc counts]

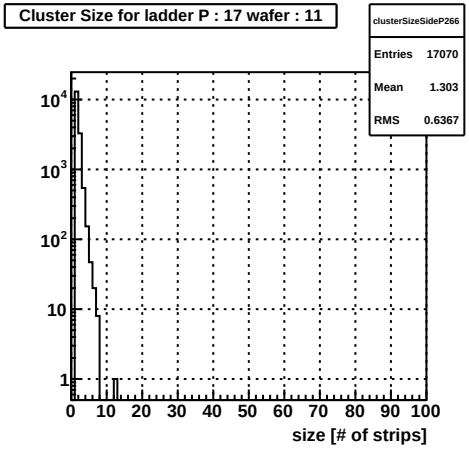

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 23255
Mean 1.242
RMS 0.5726
size [# of strips]

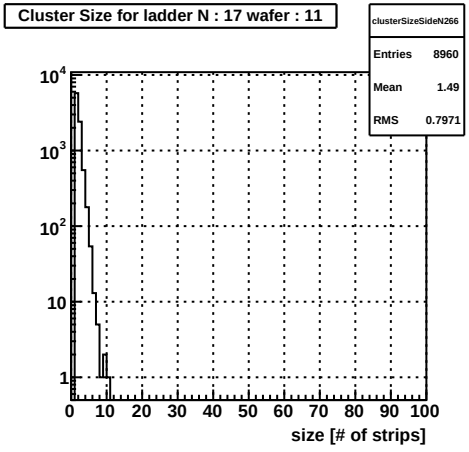

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 2066
Mean 3.112
RMS 1.659
size [# of strips]

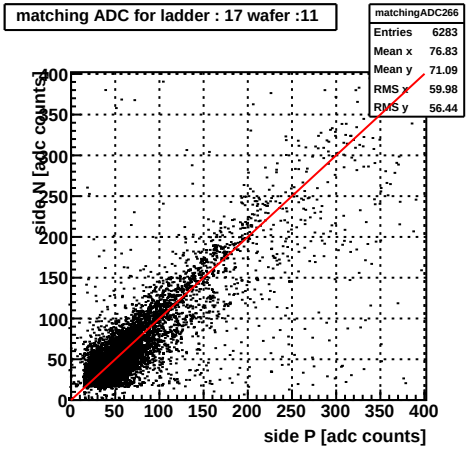

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 65
Mean x 46.04
Mean y 72.44
RMS x 26.8
RMS y 52.26
side N [adc counts]
side P [adc counts]

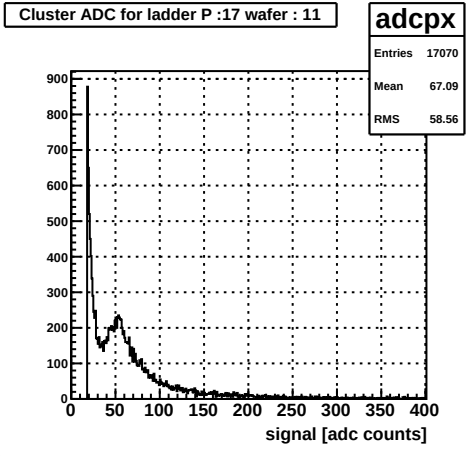

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 23255
Mean 53.16
RMS 52
signal [adc counts]

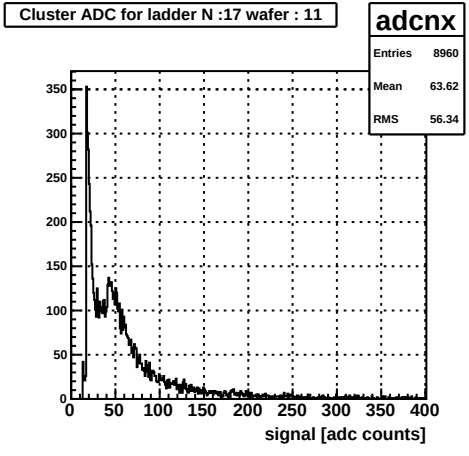

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 2066
Mean 91.34
RMS 52
signal [adc counts]

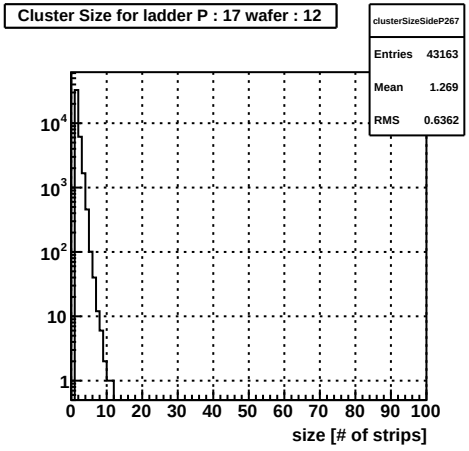

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 17070
Mean 1.303
RMS 0.6367
size [# of strips]

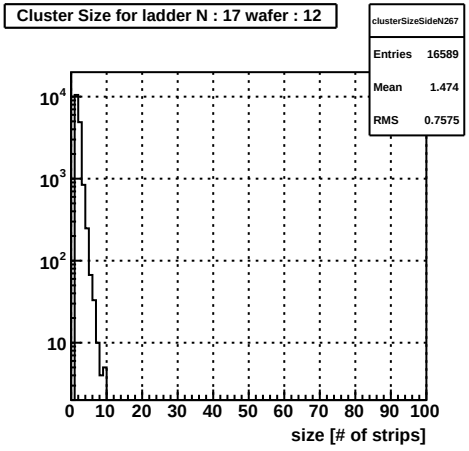

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 8960
Mean 1.49
RMS 0.7971
size [# of strips]

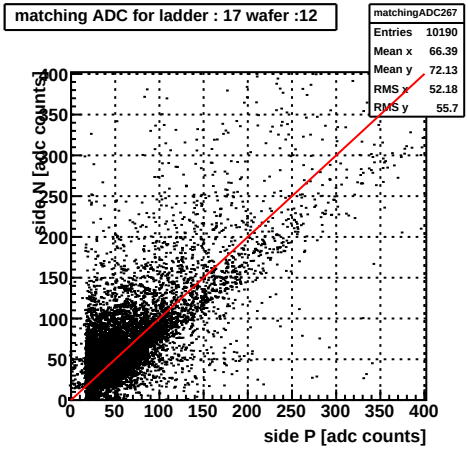

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6283
Mean x 76.83
Mean y 71.09
RMS x 59.98
RMS y 56.44
side N [adc counts]
side P [adc counts]

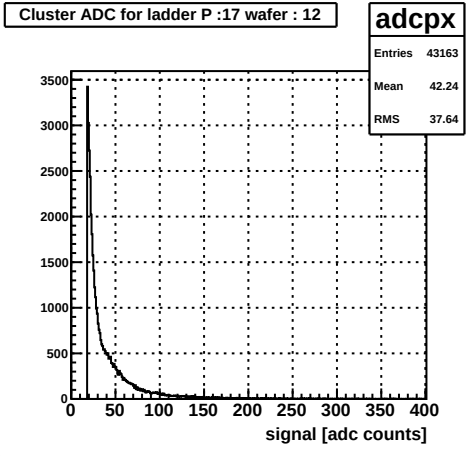

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 17070
Mean 67.09
RMS 58.56
signal [adc counts]

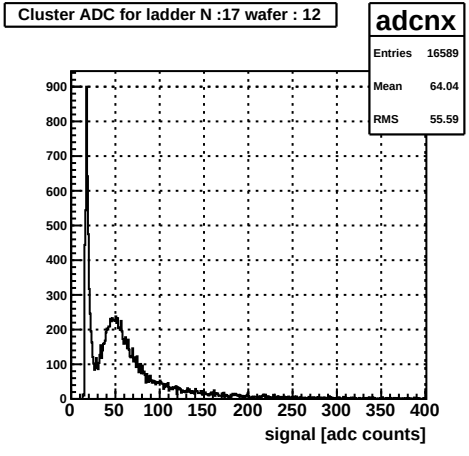

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 8960
Mean 63.62
RMS 56.34
signal [adc counts]

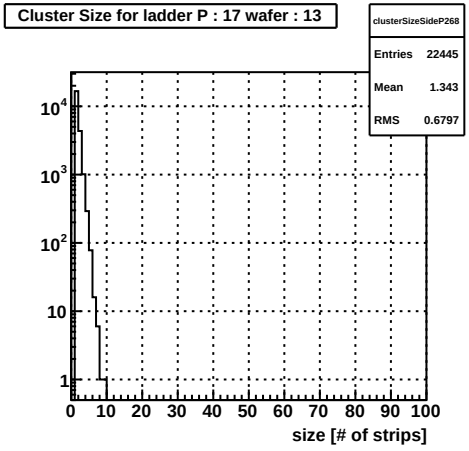

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 43163
Mean 1.269
RMS 0.6362
size [# of strips]

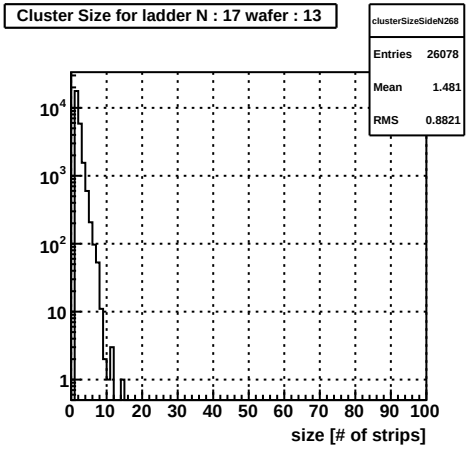

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 16589
Mean 1.474
RMS 0.7575
size [# of strips]

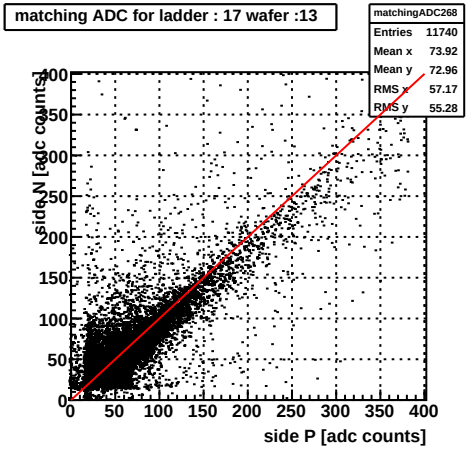

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 10190
Mean x 66.39
Mean y 72.13
RMS x 52.18
RMS y 55.7
side N [adc counts]
side P [adc counts]

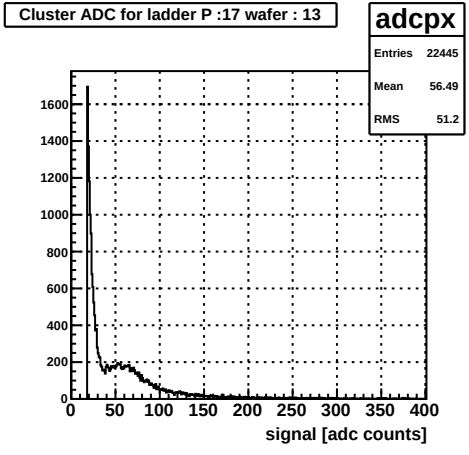

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 43163
Mean 42.24
RMS 37.64
signal [adc counts]

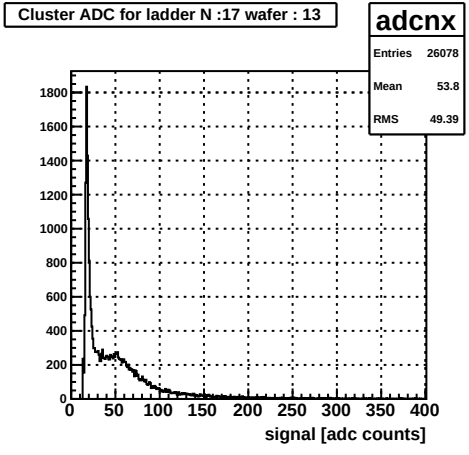

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 16589
Mean 64.04
RMS 55.59
signal [adc counts]

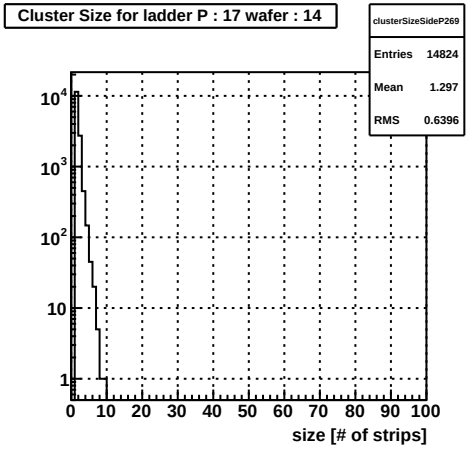

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 22445
Mean 1.343
RMS 0.6797
size [# of strips]

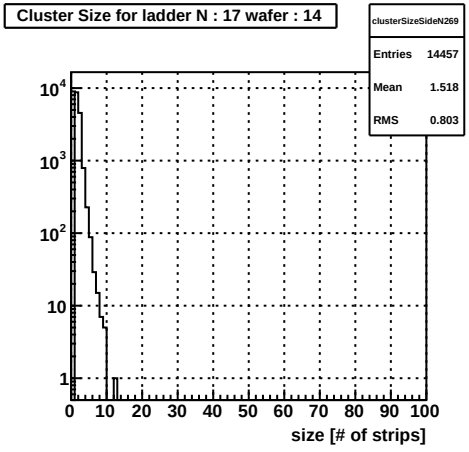

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 26078
Mean 1.481
RMS 0.8821
size [# of strips]

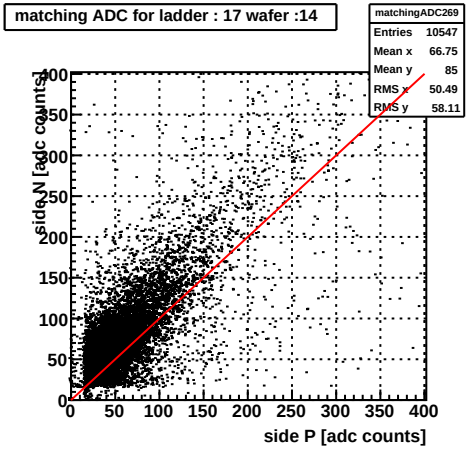

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 11740
Mean x 73.92
Mean y 72.96
RMS x 57.17
RMS y 55.28
side N [adc counts]
side P [adc counts]

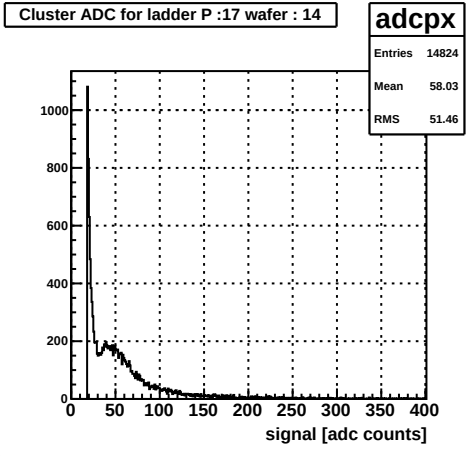

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 22445
Mean 56.49
RMS 51.2
signal [adc counts]

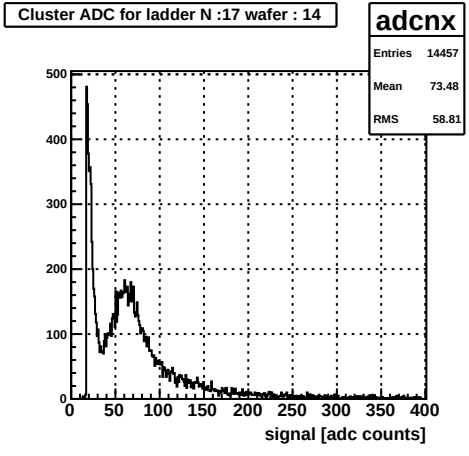

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 26078
Mean 53.8
RMS 49.39
signal [adc counts]

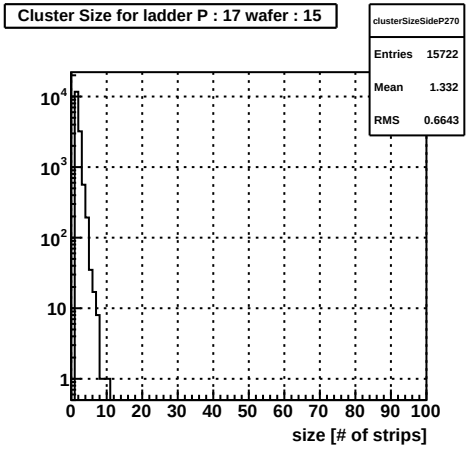

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 14824
Mean 1.297
RMS 0.6396
size [# of strips]

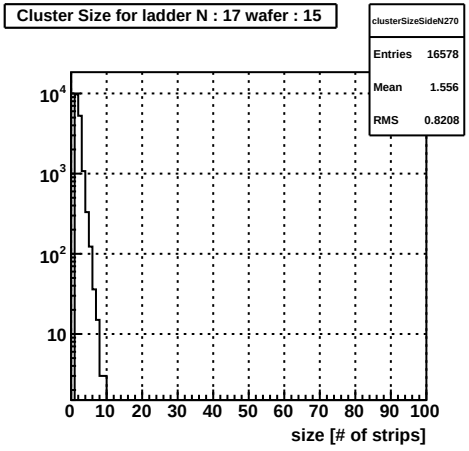

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 14457
Mean 1.518
RMS 0.803
size [# of strips]

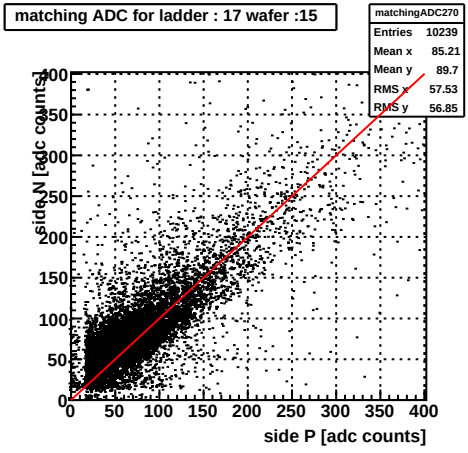

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 10547
Mean x 66.75
Mean y 85
RMS x 50.49
RMS y 58.11
side N [adc counts]
side P [adc counts]

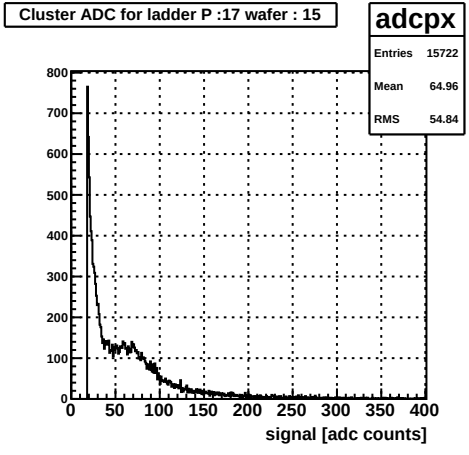

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 14824
Mean 58.03
RMS 51.46
signal [adc counts]

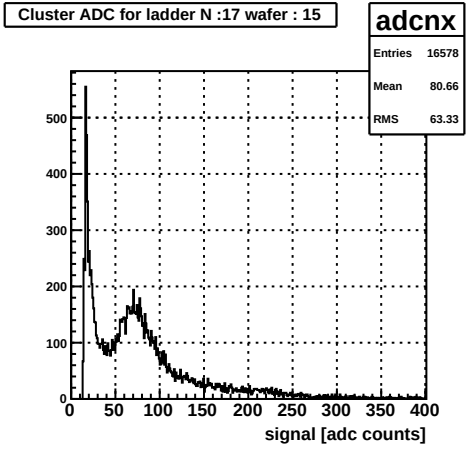

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 14457
Mean 73.48
RMS 58.81
signal [adc counts]

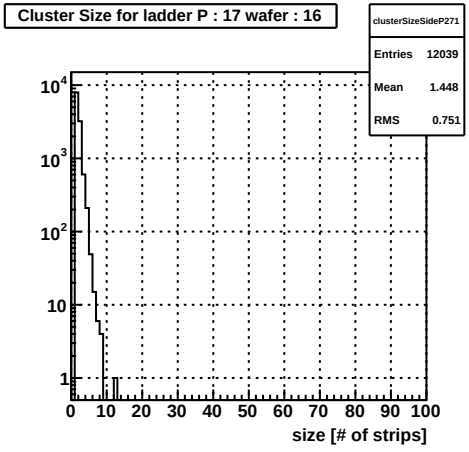

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 15722
Mean 1.332
RMS 0.6643
size [# of strips]

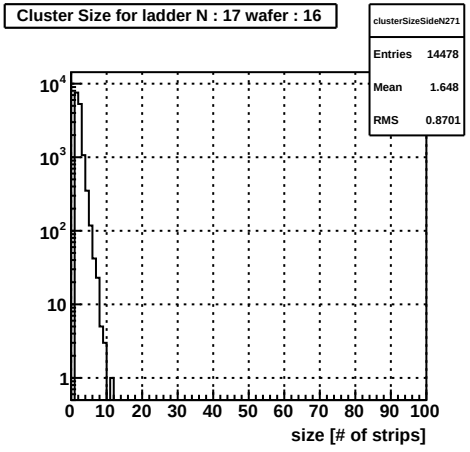

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 16578
Mean 1.556
RMS 0.8208
size [# of strips]

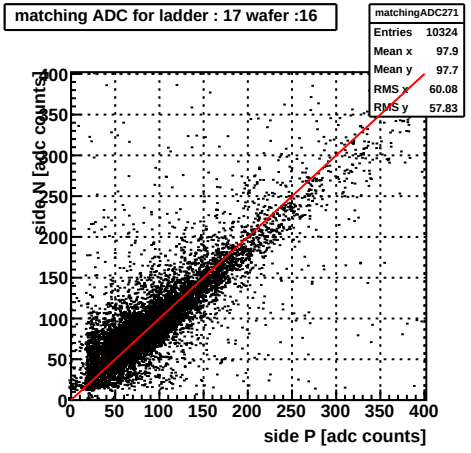

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 10239
Mean x 85.21
Mean y 89.7
RMS x 57.53
RMS y 56.85
side N [adc counts]
side P [adc counts]

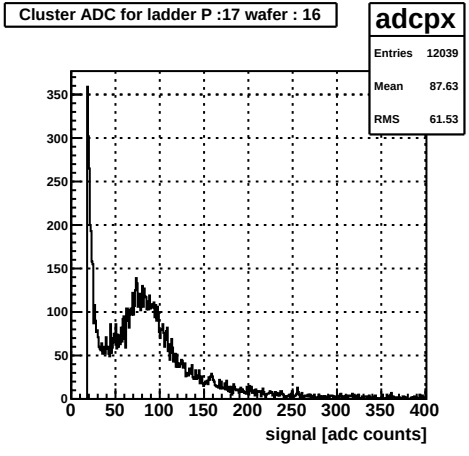

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 15722
Mean 64.96
RMS 54.84
signal [adc counts]

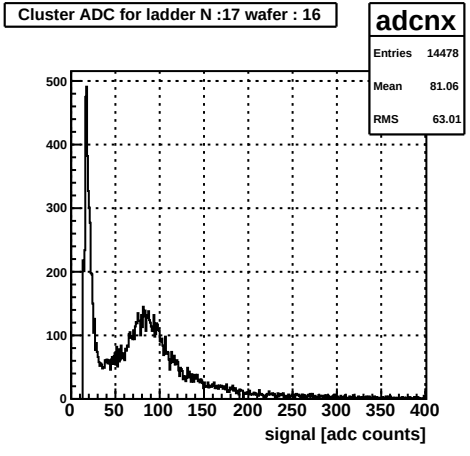

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 16578
Mean 80.66
RMS 63.33
signal [adc counts]

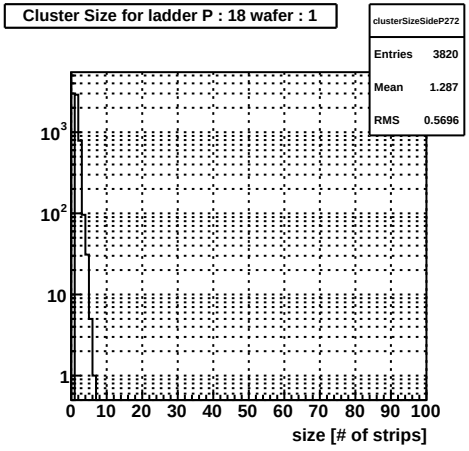

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 12039
Mean 1.448
RMS 0.751
size [# of strips]

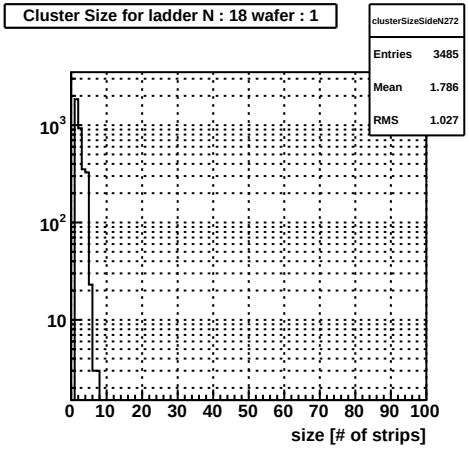

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 14478
Mean 1.648
RMS 0.8701
size [# of strips]

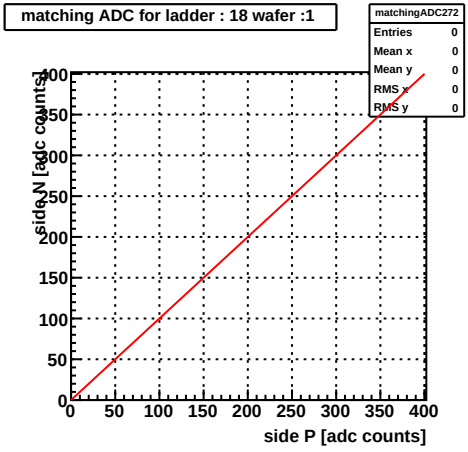

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 10324
Mean x 97.9
Mean y 97.7
RMS x 60.08
RMS y 57.83
side N [adc counts]
side P [adc counts]

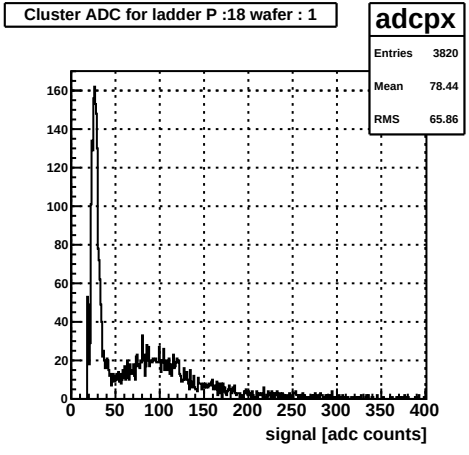

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 12039
Mean 87.63
RMS 61.53
signal [adc counts]

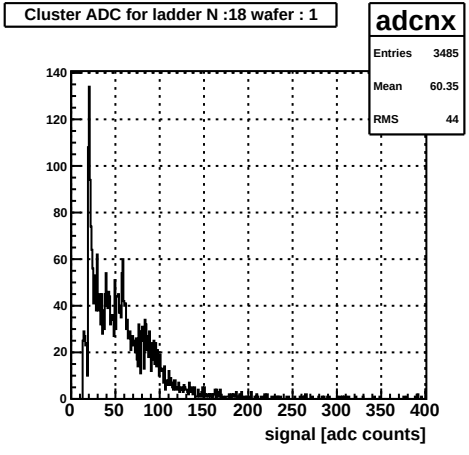

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 14478
Mean 81.06
RMS 63.01
signal [adc counts]

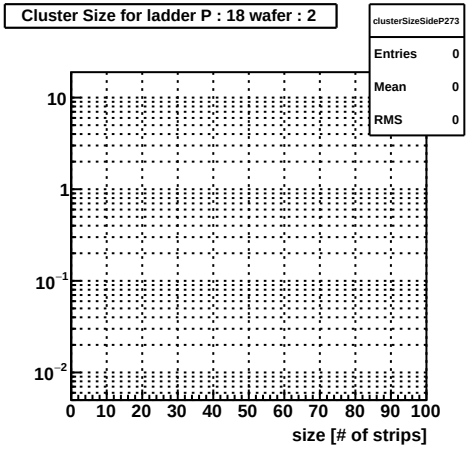

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 3820
Mean 1.287
RMS 0.5696
size [# of strips]

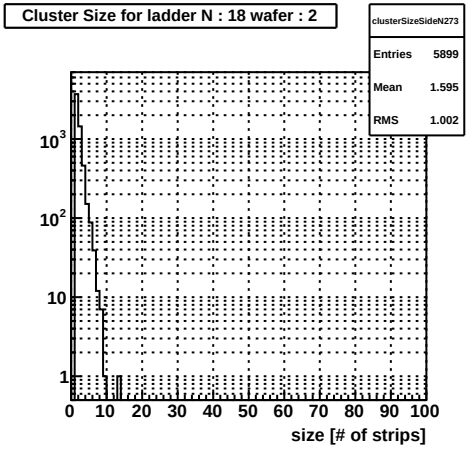

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3485
Mean 1.786
RMS 1.027
size [# of strips]

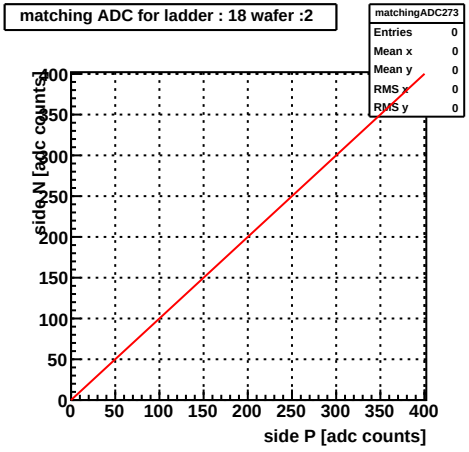

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

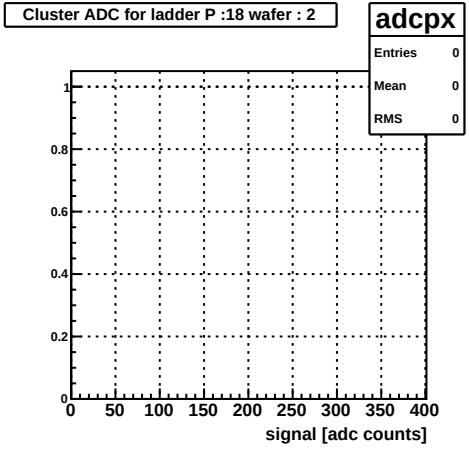

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 3820
Mean 78.44
RMS 65.86
signal [adc counts]

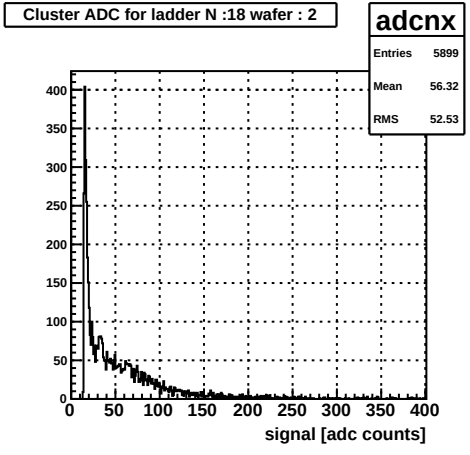

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3485
Mean 60.35
RMS 44
signal [adc counts]

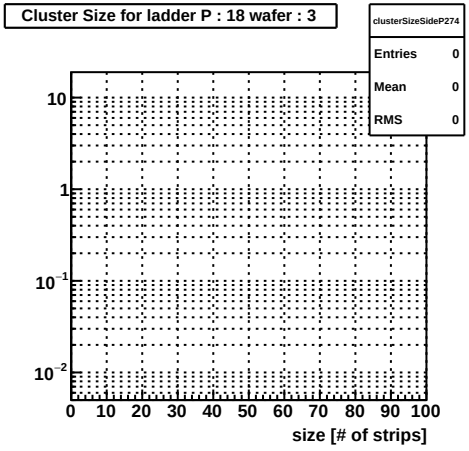

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

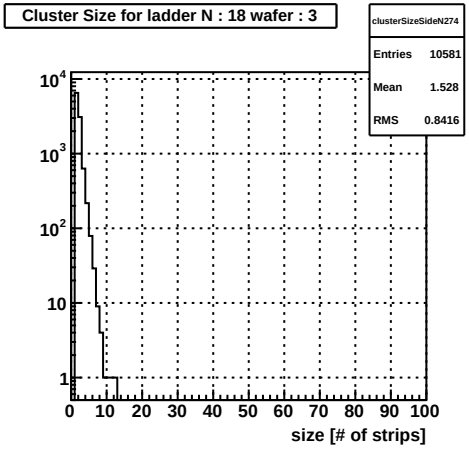

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5899
Mean 1.595
RMS 1.002
size [# of strips]

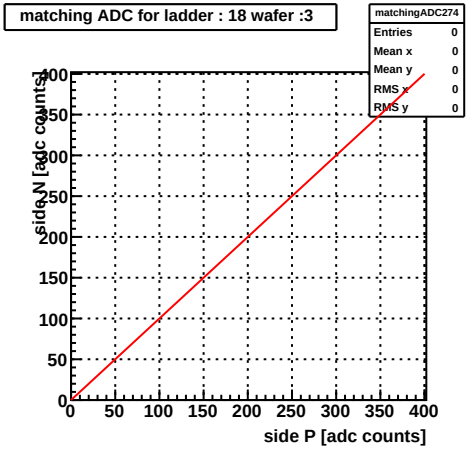

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

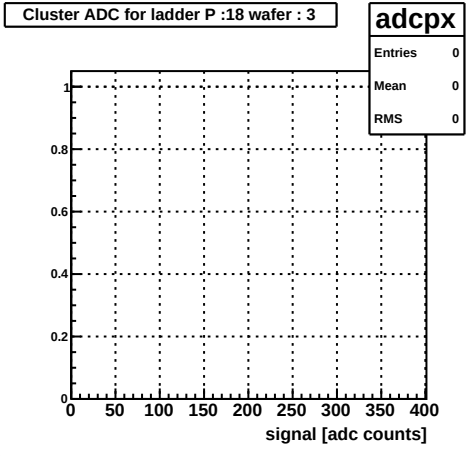

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

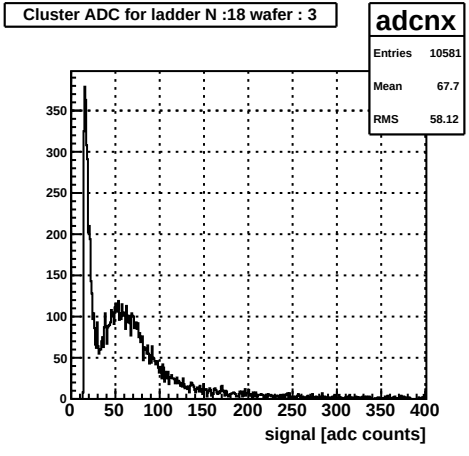

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5899
Mean 56.32
RMS 52.53
signal [adc counts]

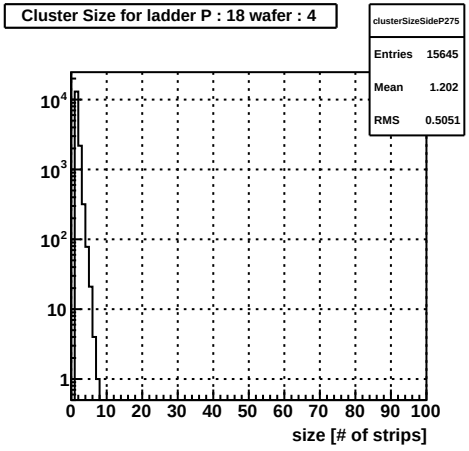

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

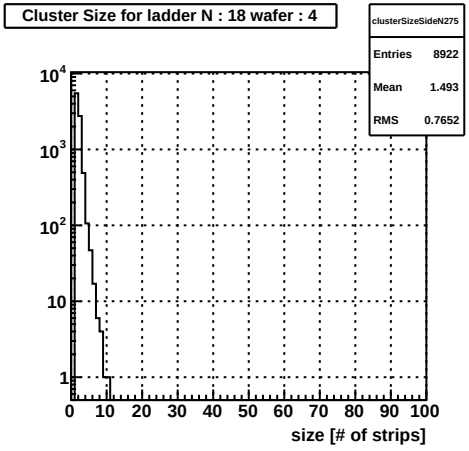

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 10581
Mean 1.528
RMS 0.8416
size [# of strips]

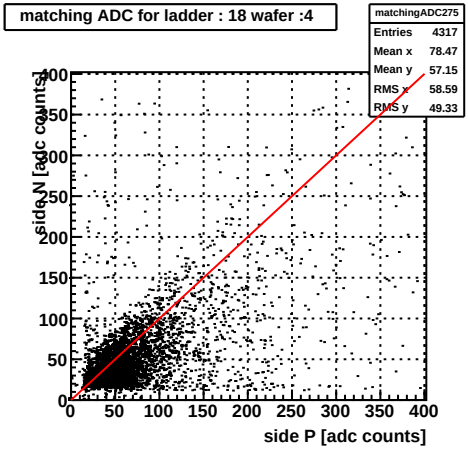

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

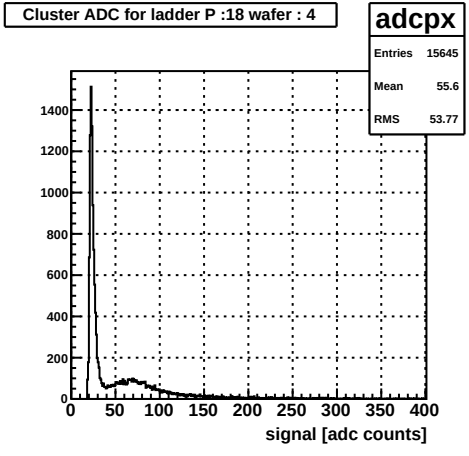

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

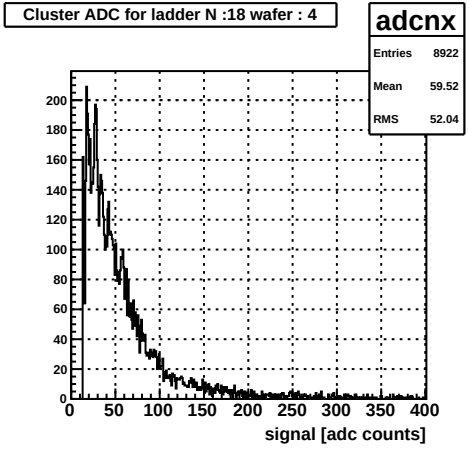

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 10581
Mean 67.7
RMS 58.12
signal [adc counts]

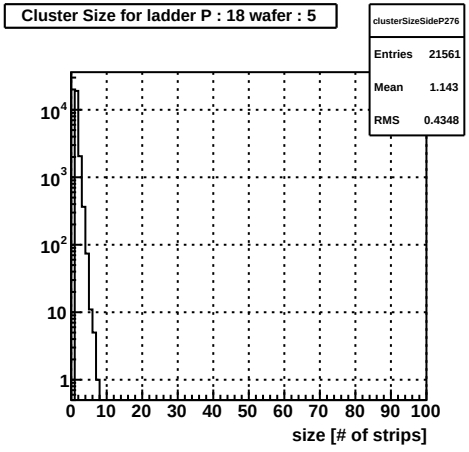

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 15645
Mean 1.202
RMS 0.5051
size [# of strips]

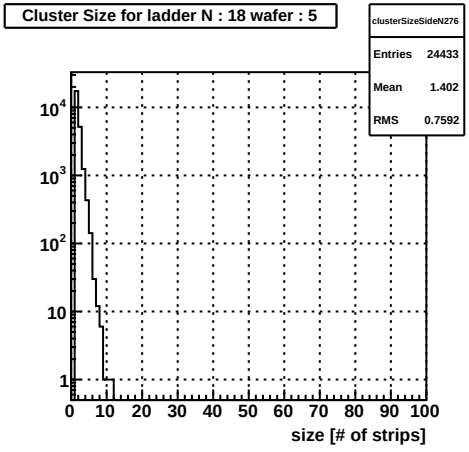

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 8922
Mean 1.493
RMS 0.7652
size [# of strips]

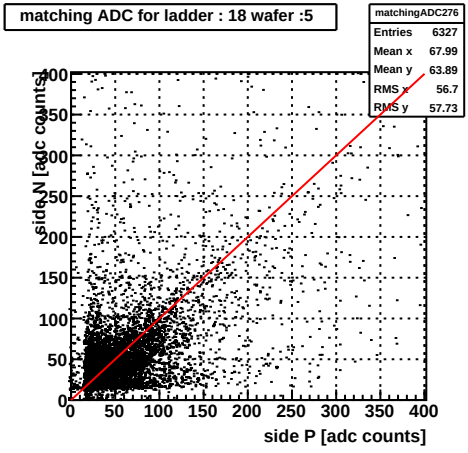

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4317
Mean x 78.47
Mean y 57.15
RMS x 58.59
RMS y 49.33
side N [adc counts]
side P [adc counts]

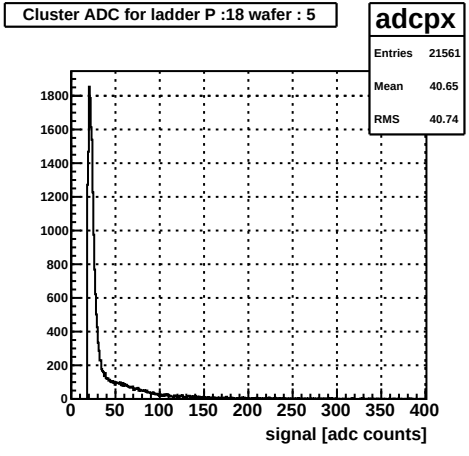

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 15645
Mean 55.6
RMS 53.77
signal [adc counts]

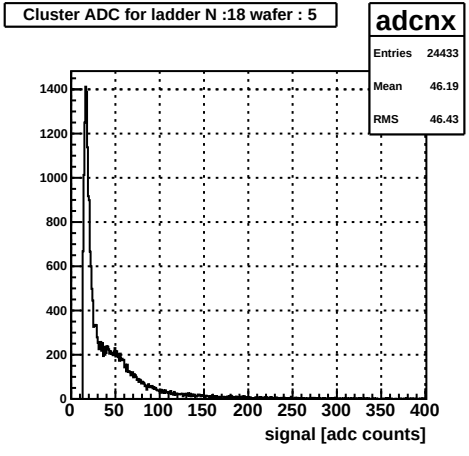

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 8922
Mean 59.52
RMS 52.04
signal [adc counts]

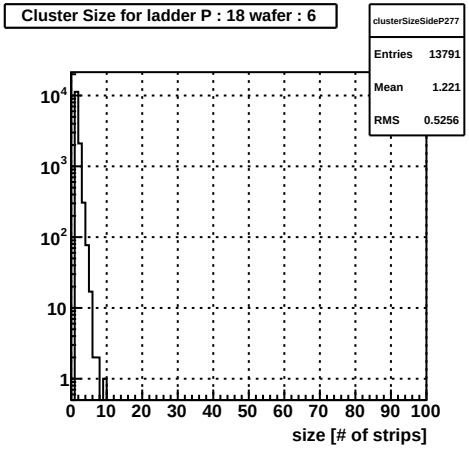

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 21561
Mean 1.143
RMS 0.4348
size [# of strips]

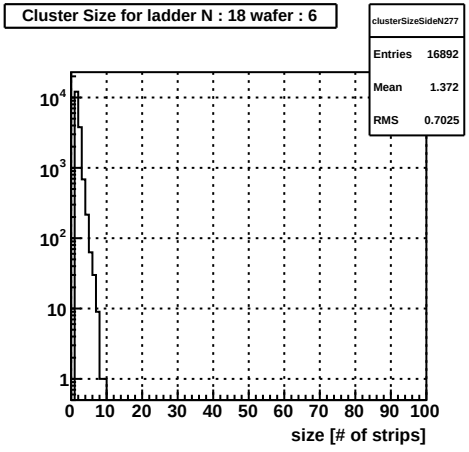

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 24433
Mean 1.402
RMS 0.7592
size [# of strips]

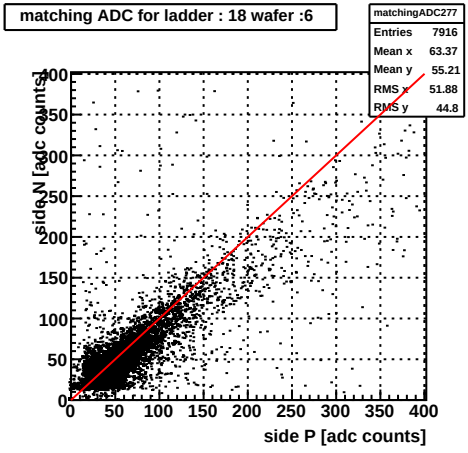

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6327
Mean x 67.99
Mean y 63.89
RMS x 56.7
RMS y 57.73
side N [adc counts]
side P [adc counts]

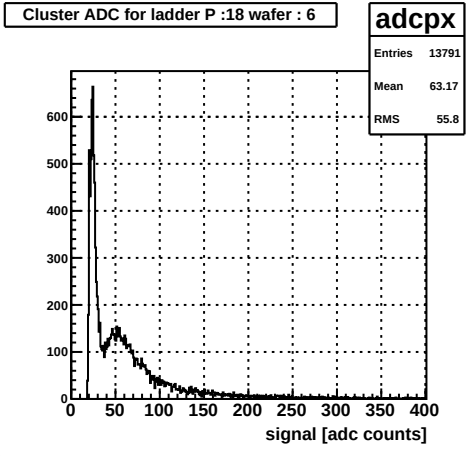

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 21561
Mean 40.65
RMS 40.74
signal [adc counts]

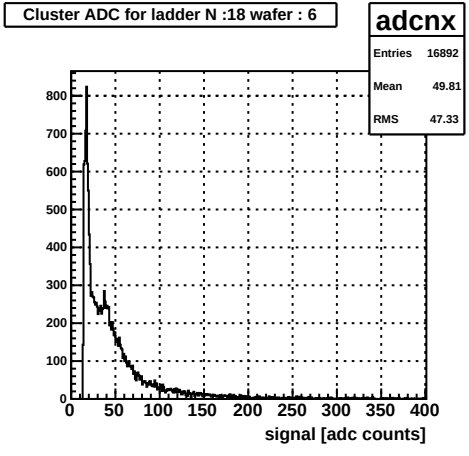

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 24433
Mean 46.19
RMS 46.43
signal [adc counts]

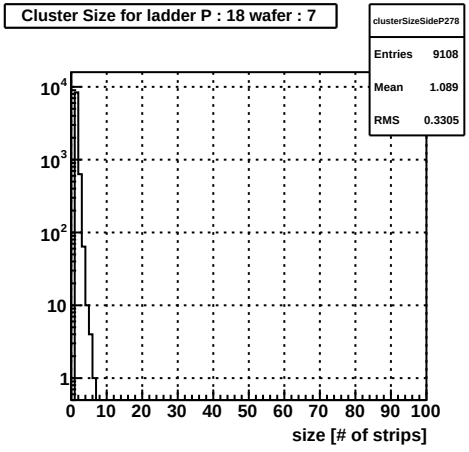

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 13791
Mean 1.221
RMS 0.5256
size [# of strips]

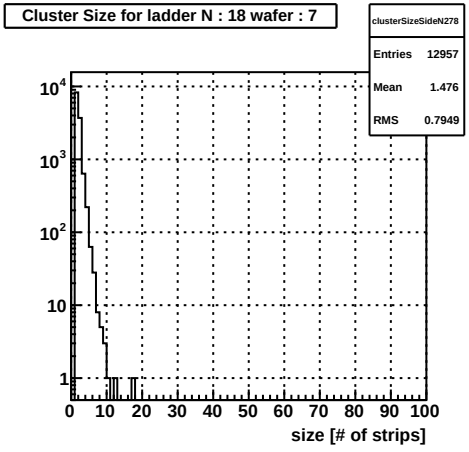

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 16892
Mean 1.372
RMS 0.7025
size [# of strips]

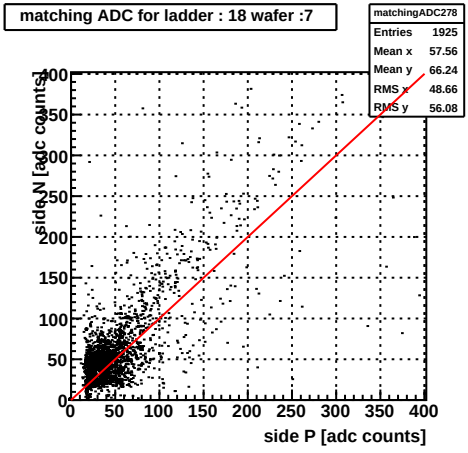

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 7916
Mean x 63.37
Mean y 55.21
RMS x 51.88
RMS y 44.8
side N [adc counts]
side P [adc counts]

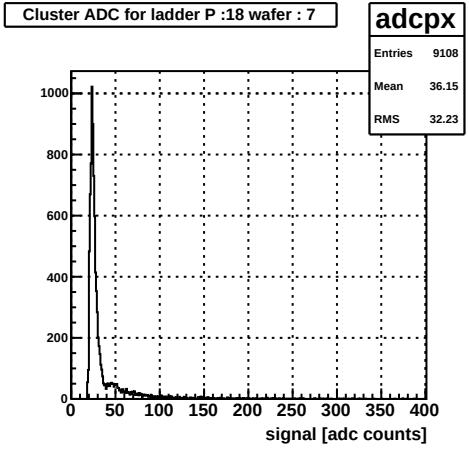

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 13791
Mean 63.17
RMS 55.8
signal [adc counts]

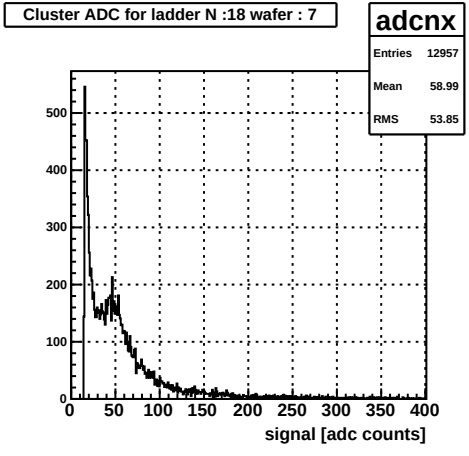

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 16892
Mean 49.81
RMS 47.33
signal [adc counts]

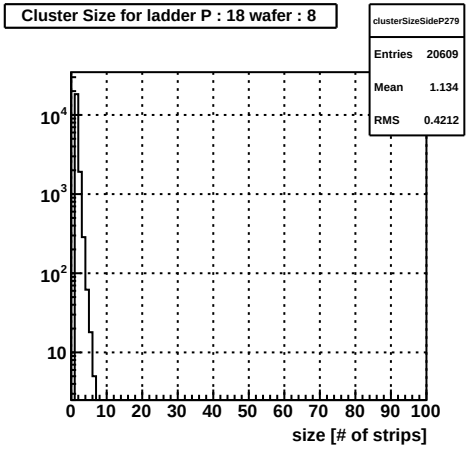

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 9108
Mean 1.089
RMS 0.3305
size [# of strips]

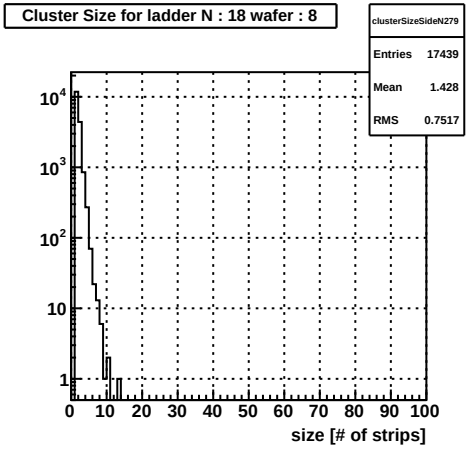

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 12957
Mean 1.476
RMS 0.7949
size [# of strips]

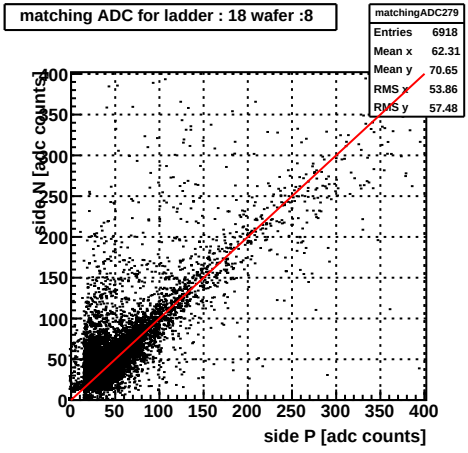

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1925
Mean x 57.56
Mean y 66.24
RMS x 48.66
RMS y 56.08
side N [adc counts]
side P [adc counts]

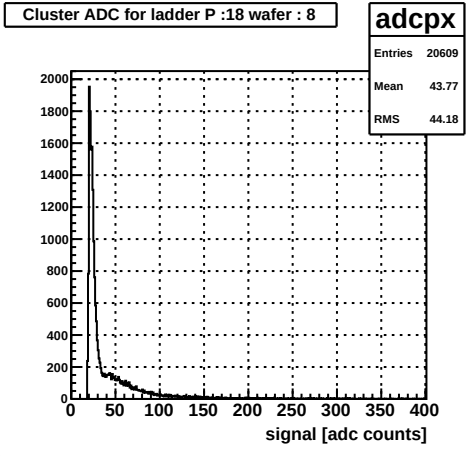

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 9108
Mean 36.15
RMS 32.23
signal [adc counts]

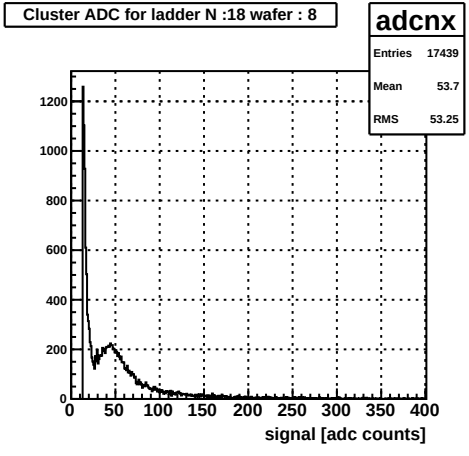

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 12957
Mean 58.99
RMS 53.85
signal [adc counts]

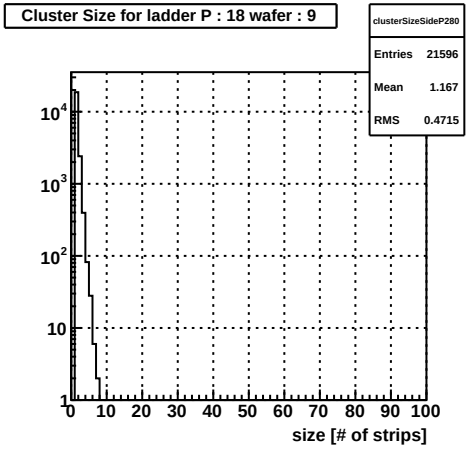

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 20609
Mean 1.134
RMS 0.4212
size [# of strips]

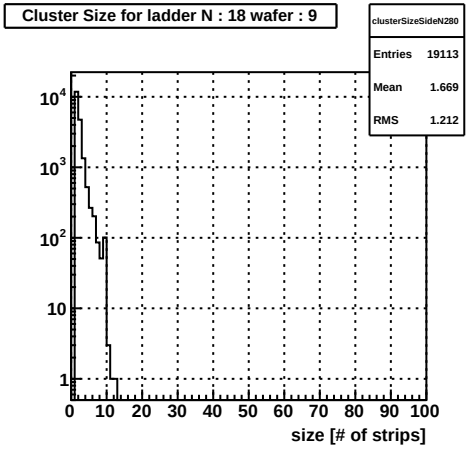

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 17439
Mean 1.428
RMS 0.7517
size [# of strips]

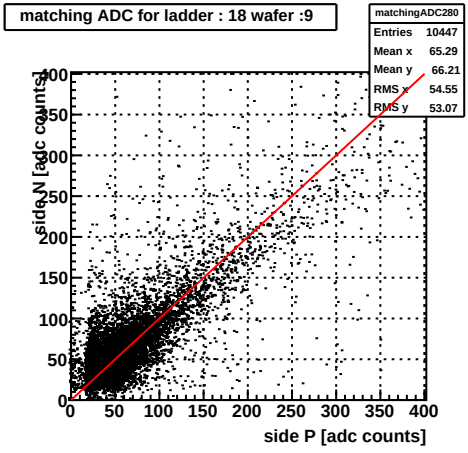

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6918
Mean x 62.31
Mean y 70.65
RMS x 53.86
RMS y 57.48
side N [adc counts]
side P [adc counts]

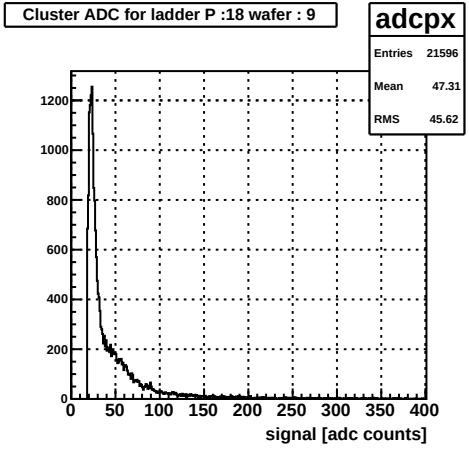

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 20609
Mean 43.77
RMS 44.18
signal [adc counts]

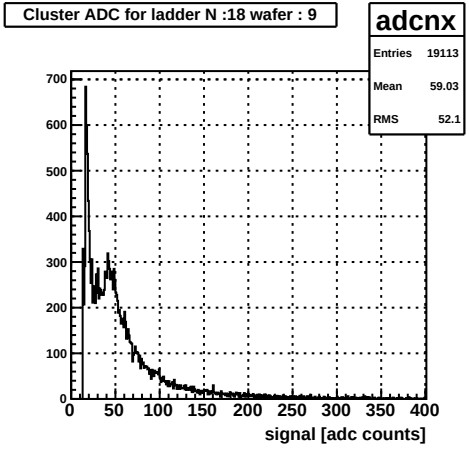

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 17439
Mean 53.7
RMS 53.25
signal [adc counts]

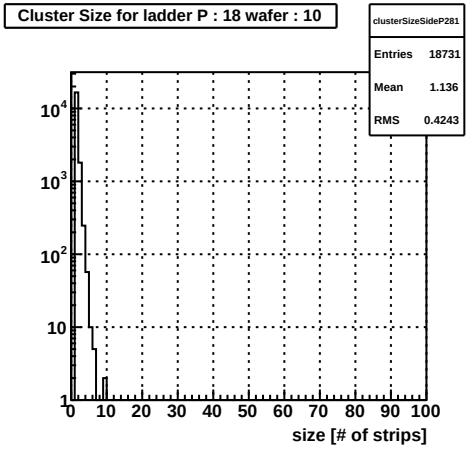

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 21596
Mean 1.167
RMS 0.4715
size [# of strips]

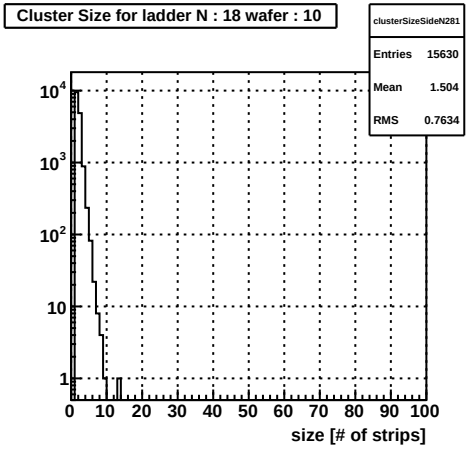

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 19113
Mean 1.669
RMS 1.212
size [# of strips]

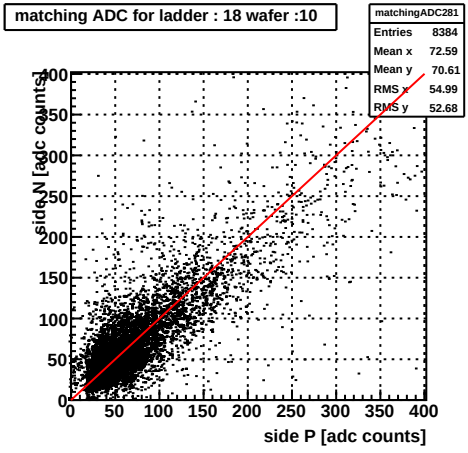

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10447
Mean x 65.29
Mean y 66.21
RMS x 54.55
RMS y 53.07
side N [adc counts]
side P [adc counts]

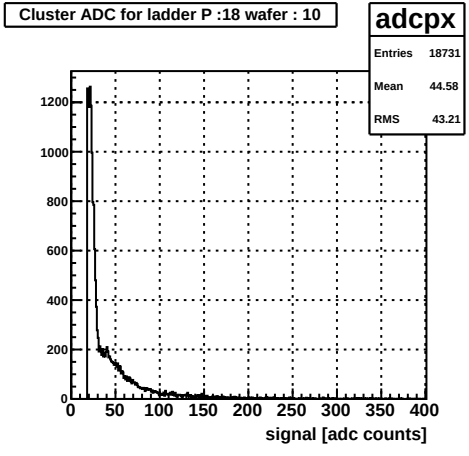

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 21596
Mean 47.31
RMS 45.62
signal [adc counts]

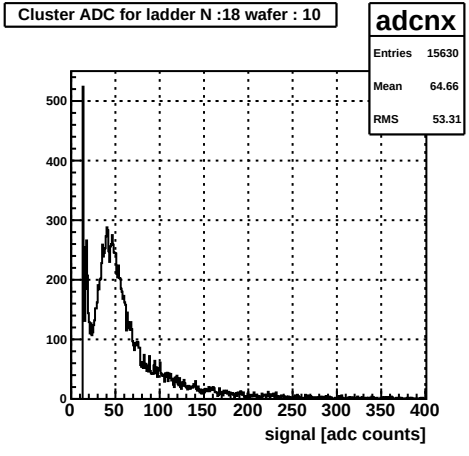

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 19113
Mean 59.03
RMS 52.1
signal [adc counts]

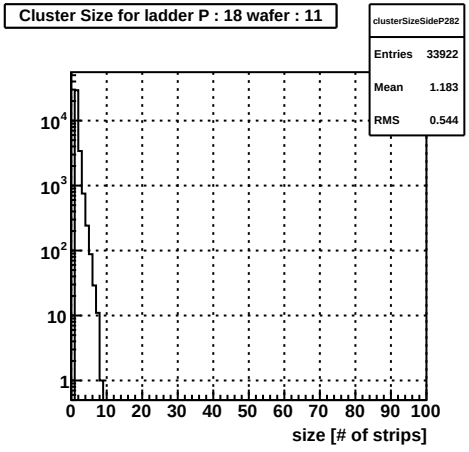

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 18731
Mean 1.136
RMS 0.4243
size [# of strips]

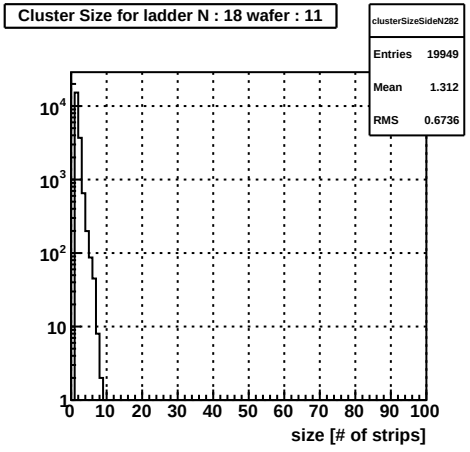

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 15630
Mean 1.504
RMS 0.7634
size [# of strips]

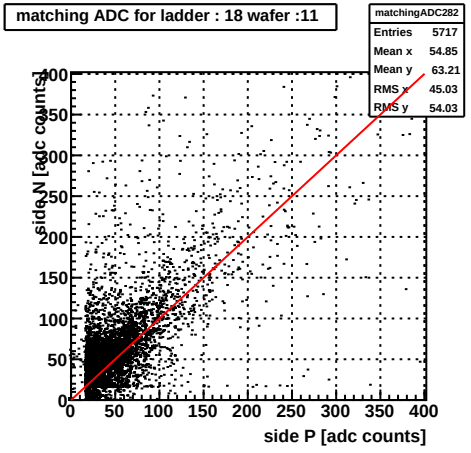

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 8384
Mean x 72.59
Mean y 70.61
RMS x 54.99
RMS y 52.68
side N [adc counts]
side P [adc counts]

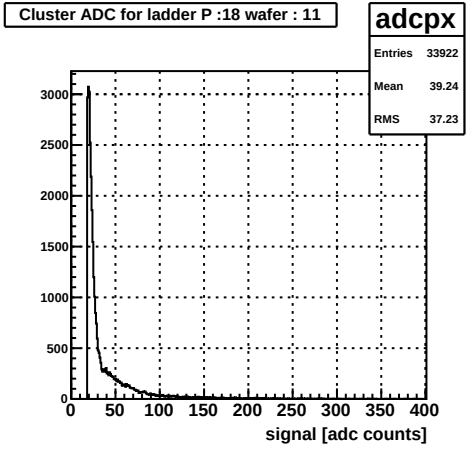

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 18731
Mean 44.58
RMS 43.21
signal [adc counts]

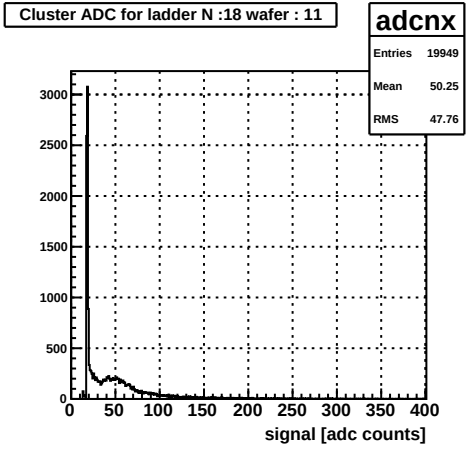

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 15630
Mean 64.66
RMS 53.31
signal [adc counts]

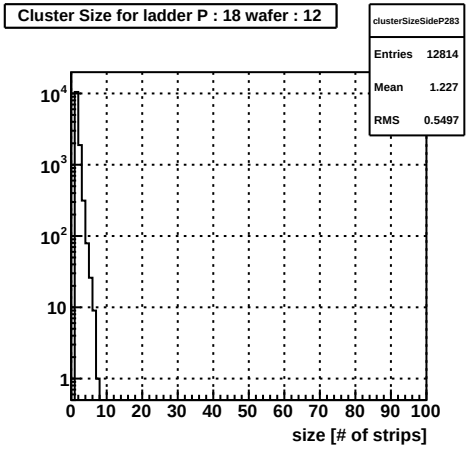

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 33922
Mean 1.183
RMS 0.544
size [# of strips]

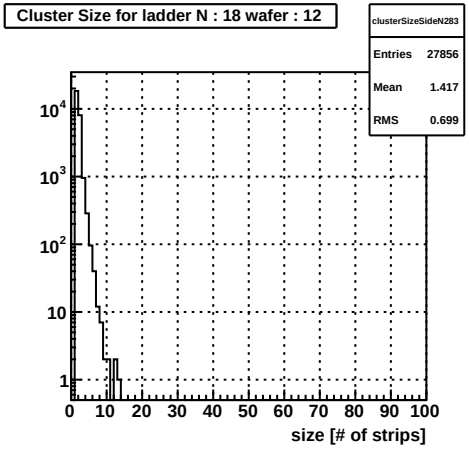

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 19949
Mean 1.312
RMS 0.6736
size [# of strips]

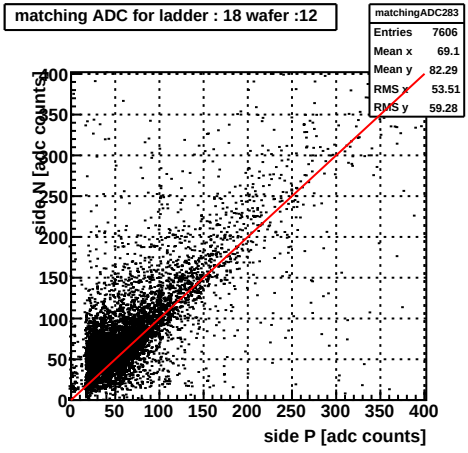

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 5717
Mean x 54.85
Mean y 63.21
RMS x 45.03
RMS y 54.03
side N [adc counts]
side P [adc counts]

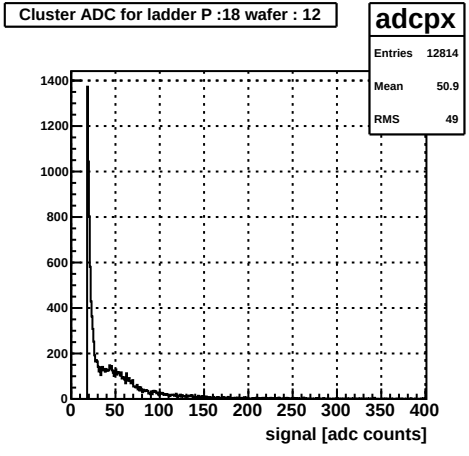

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 33922
Mean 39.24
RMS 37.23
signal [adc counts]

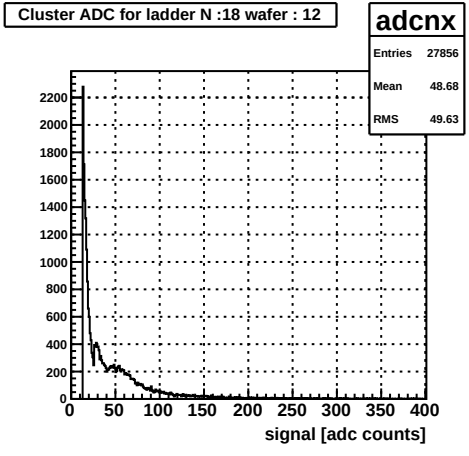

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 19949
Mean 50.25
RMS 47.76
signal [adc counts]

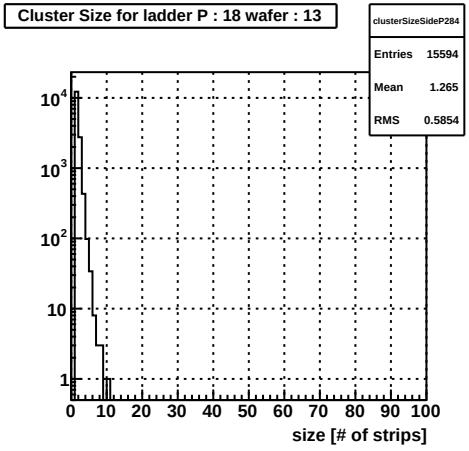

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 12814
Mean 1.227
RMS 0.5497
size [# of strips]

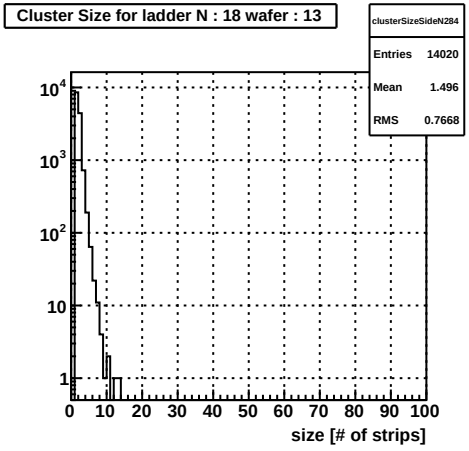

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 27856
Mean 1.417
RMS 0.699
size [# of strips]

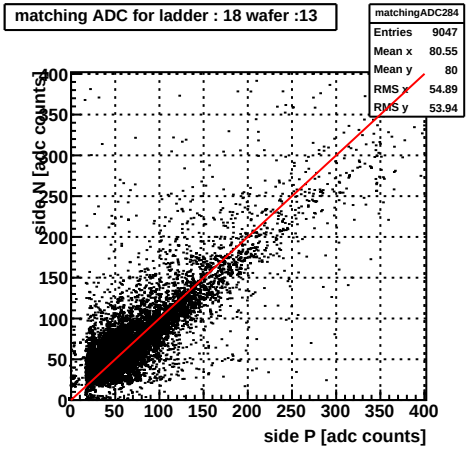

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 7606
Mean x 69.1
Mean y 82.29
RMS x 53.51
RMS y 59.28
side N [adc counts]
side P [adc counts]

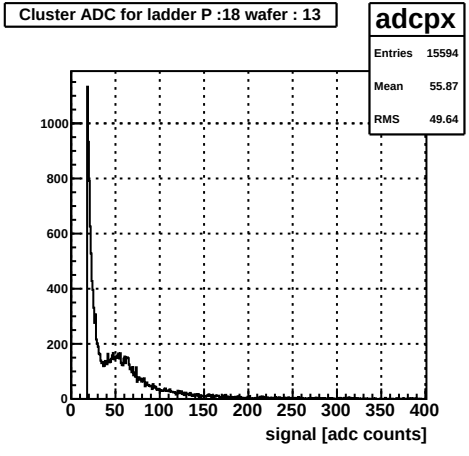

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 12814
Mean 50.9
RMS 49
signal [adc counts]

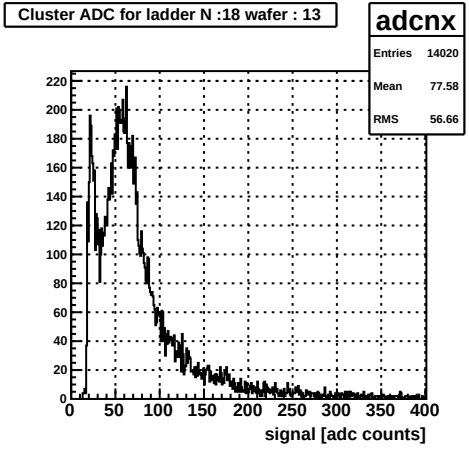

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 27856
Mean 48.68
RMS 49.63
signal [adc counts]

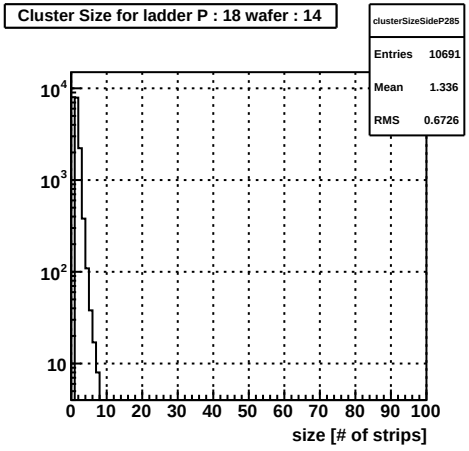

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 15594
Mean 1.265
RMS 0.5854
size [# of strips]

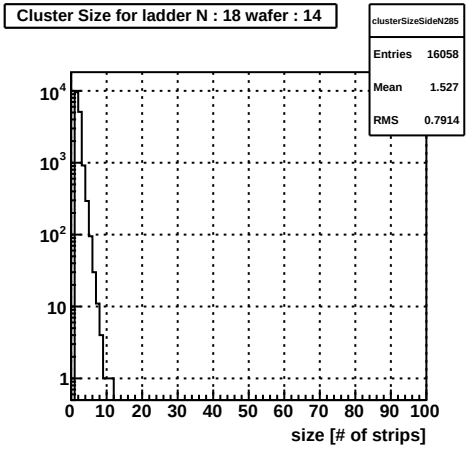

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 14020
Mean 1.496
RMS 0.7668
size [# of strips]

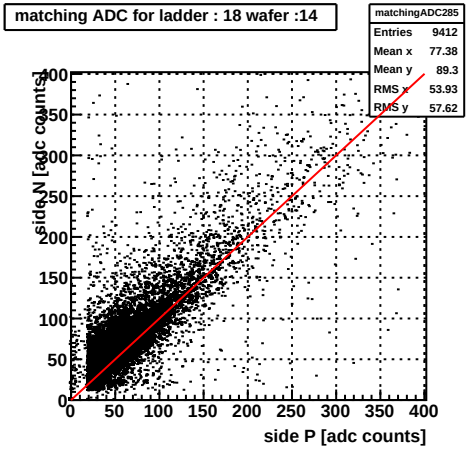

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9047
Mean x 80.55
Mean y 80
RMS x 54.89
RMS y 53.94
side N [adc counts]
side P [adc counts]

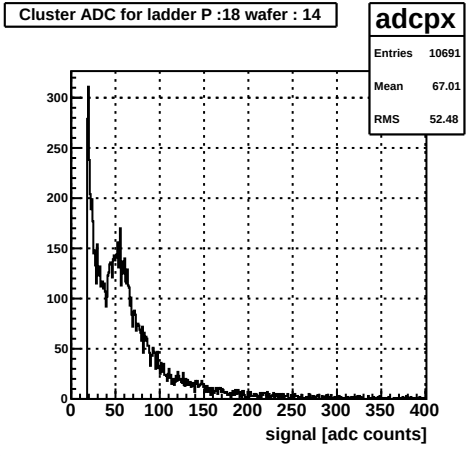

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 15594
Mean 55.87
RMS 49.64
signal [adc counts]

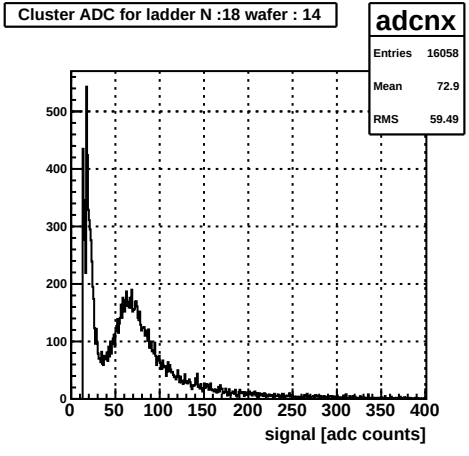

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 14020
Mean 77.58
RMS 56.66
signal [adc counts]

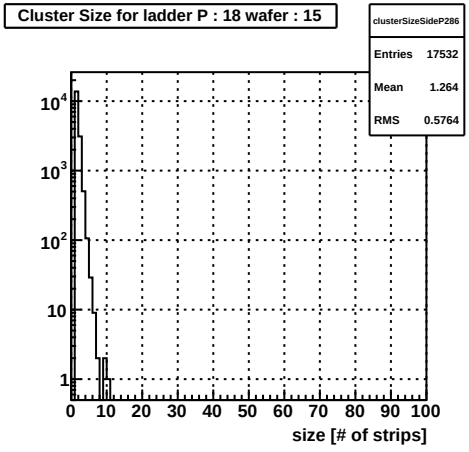

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 10691
Mean 1.336
RMS 0.6726
size [# of strips]

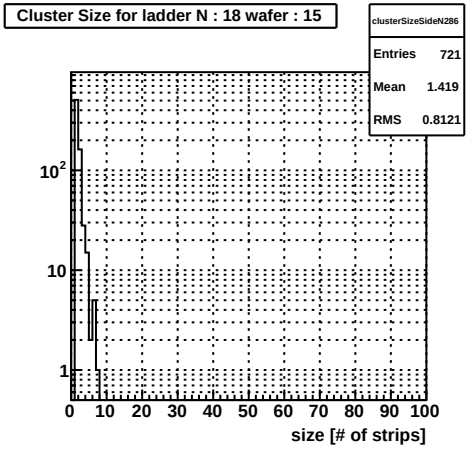

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 16058
Mean 1.527
RMS 0.7914
size [# of strips]

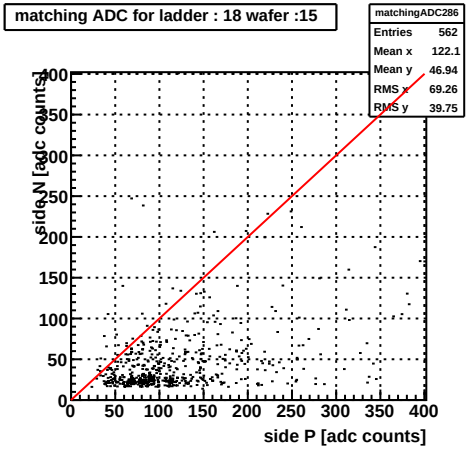

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 9412
Mean x 77.38
Mean y 89.3
RMS x 53.93
RMS y 57.62
side N [adc counts]
side P [adc counts]

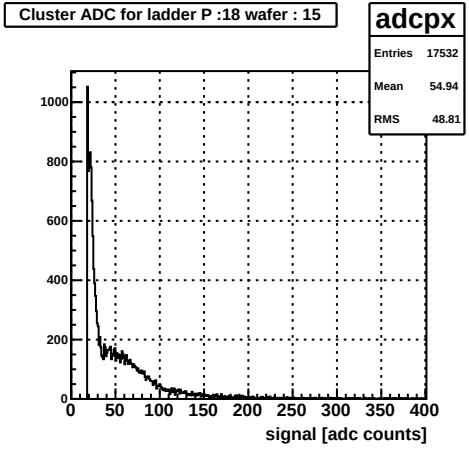

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 10691
Mean 67.01
RMS 52.48
signal [adc counts]

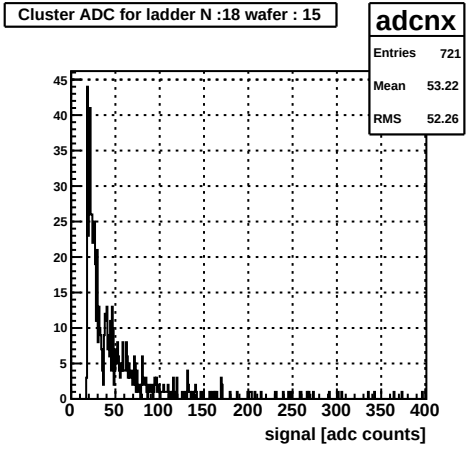

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 16058
Mean 72.9
RMS 59.49
signal [adc counts]

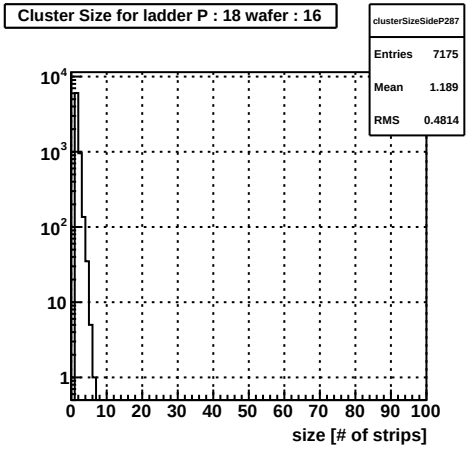

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 17532
Mean 1.264
RMS 0.5764
size [# of strips]

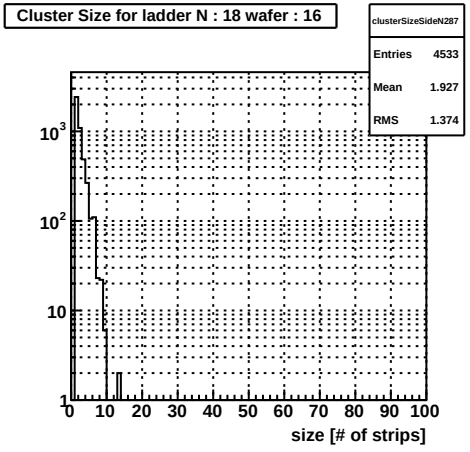

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 721
Mean 1.419
RMS 0.8121
size [# of strips]

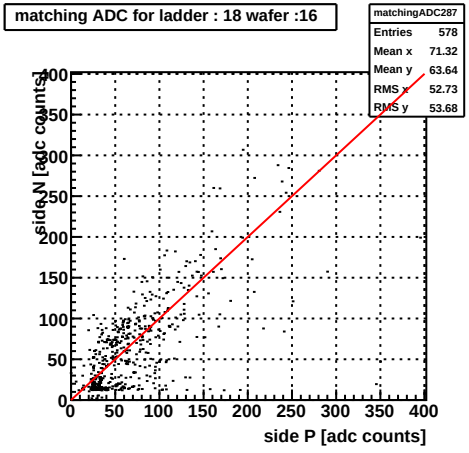

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 562
Mean x 122.1
Mean y 46.94
RMS x 69.26
RMS y 39.75
side N [adc counts]
side P [adc counts]

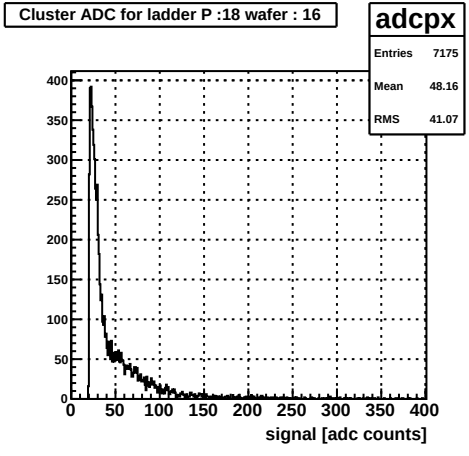

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 17532
Mean 54.94
RMS 48.81
signal [adc counts]

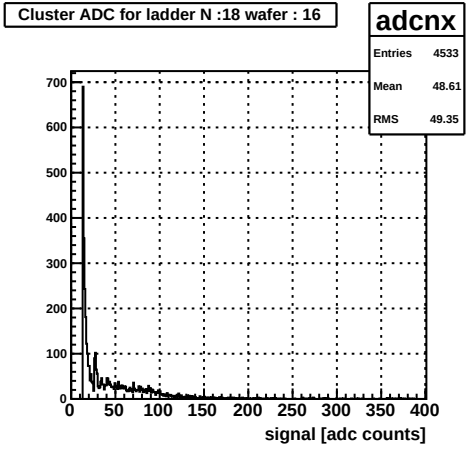

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 721
Mean 53.22
RMS 52.26
signal [adc counts]

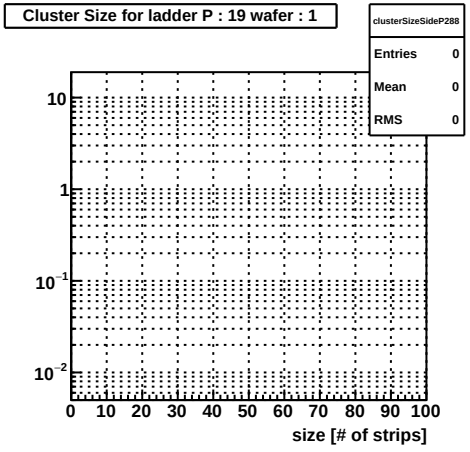

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 7175
Mean 1.189
RMS 0.4814
size [# of strips]

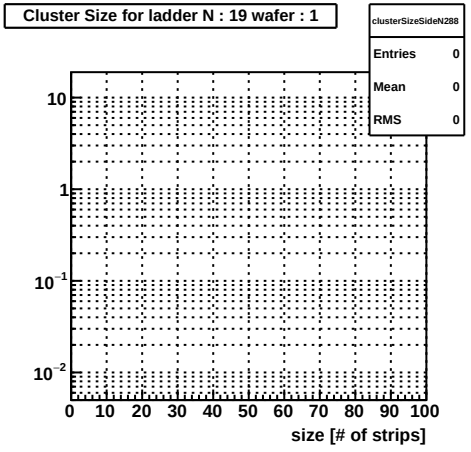

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4533
Mean 1.927
RMS 1.374
size [# of strips]

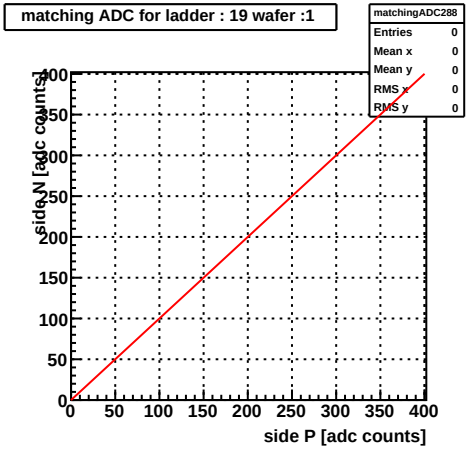

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 578
Mean x 71.32
Mean y 63.64
RMS x 52.73
RMS y 53.68
side N [adc counts]
side P [adc counts]

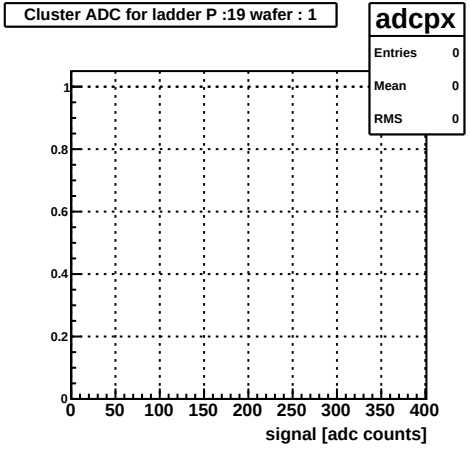

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 7175
Mean 48.16
RMS 41.07
signal [adc counts]

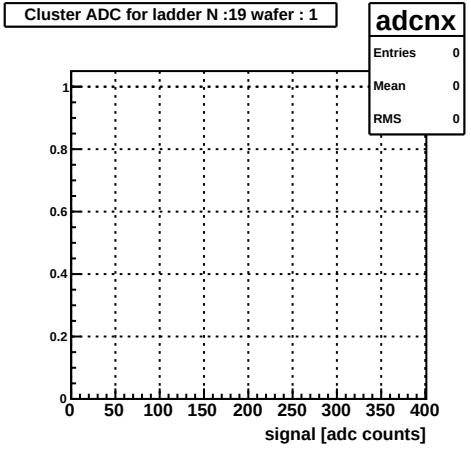

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4533
Mean 48.61
RMS 49.35
signal [adc counts]

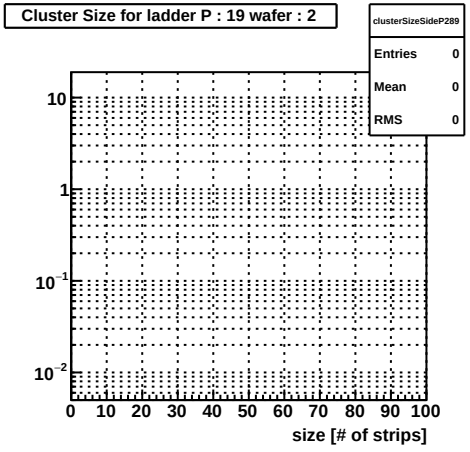

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

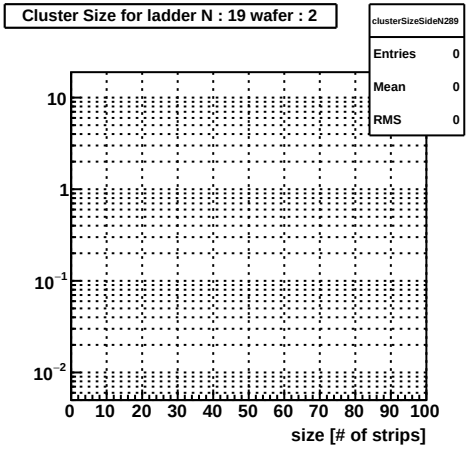

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

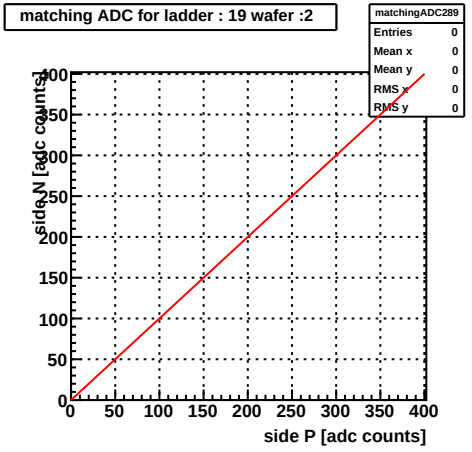

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

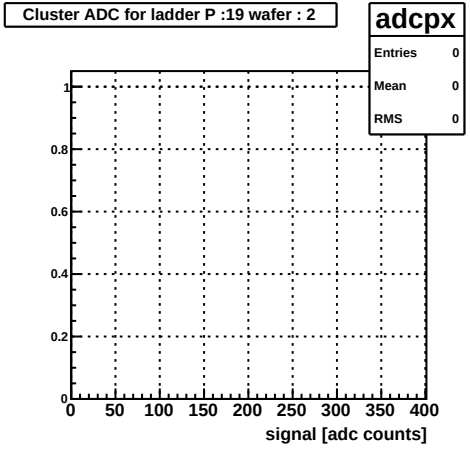

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

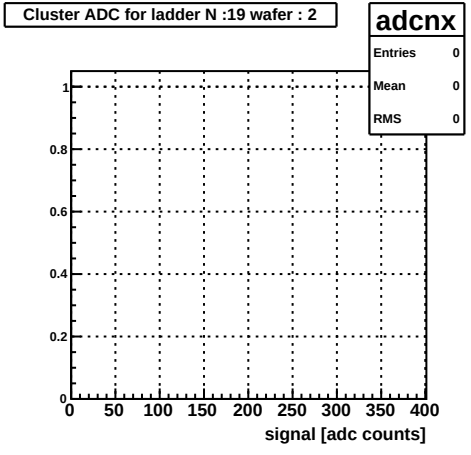

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

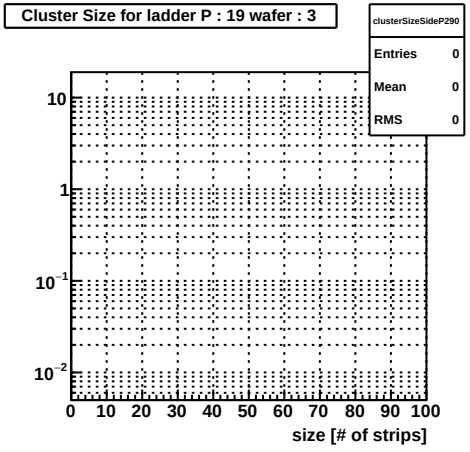

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

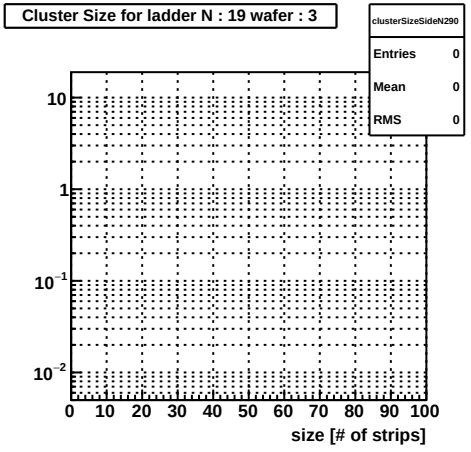

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

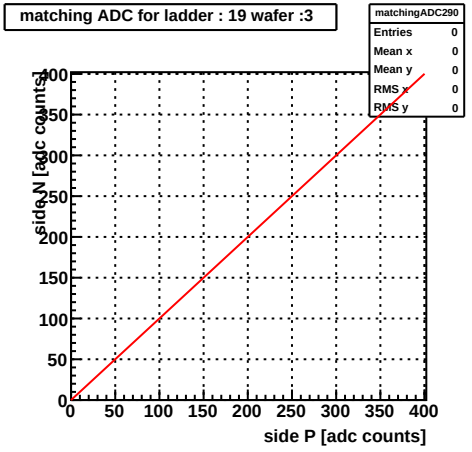

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

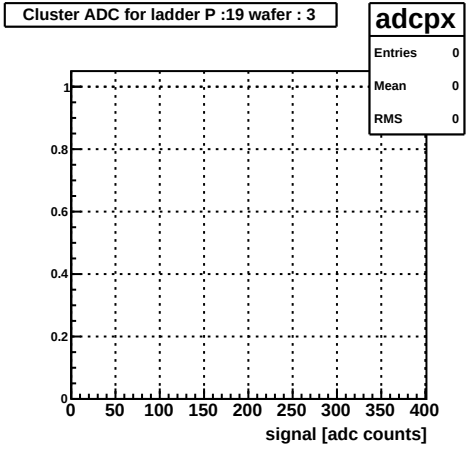

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

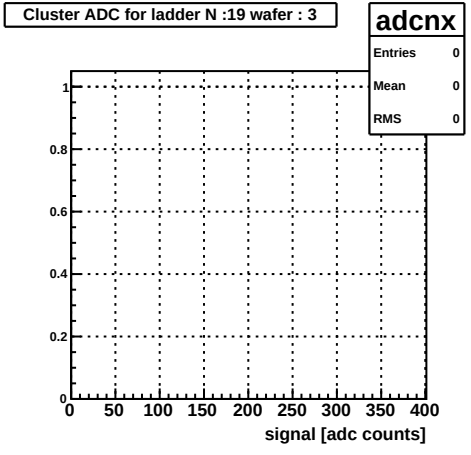

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

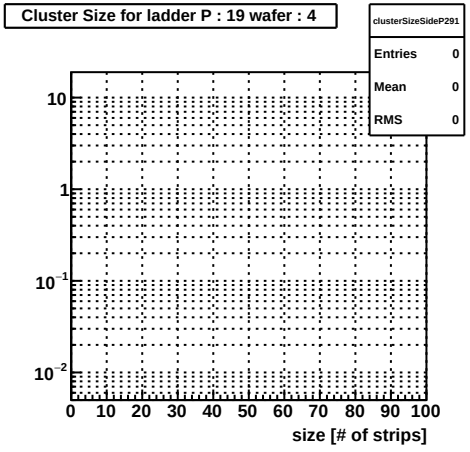

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

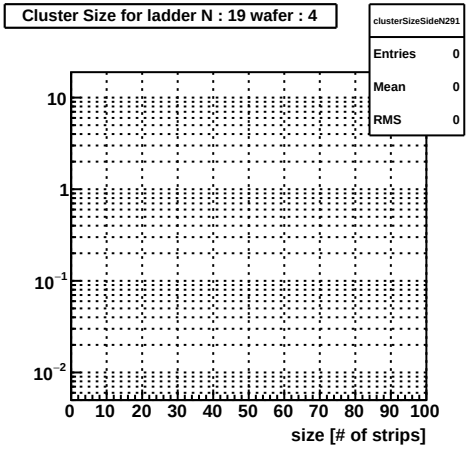

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

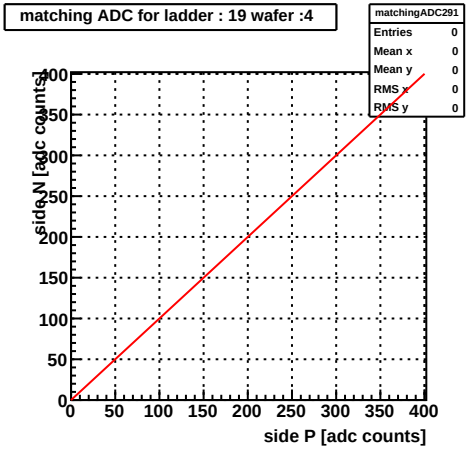

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

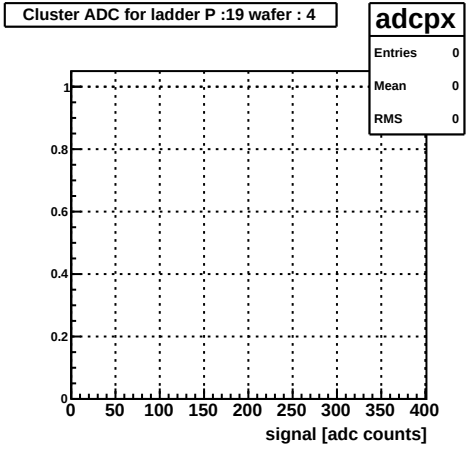

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

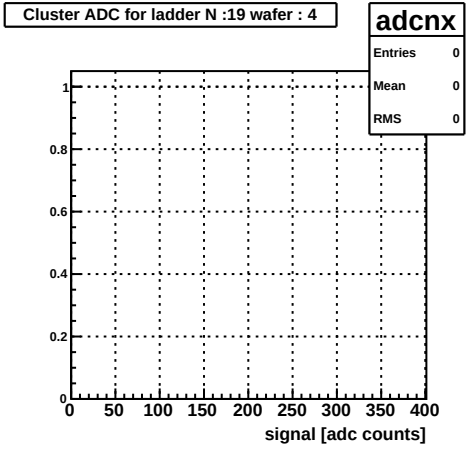

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

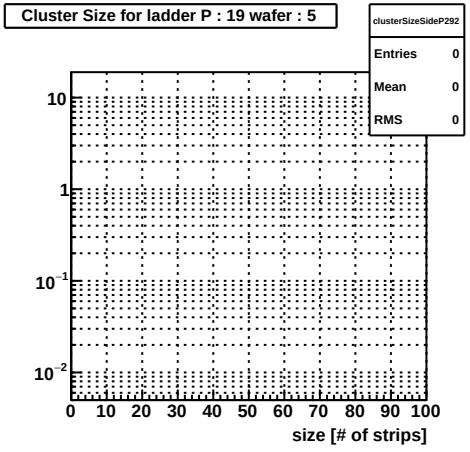

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

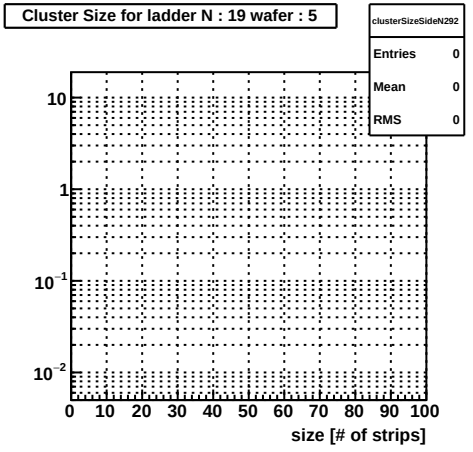

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

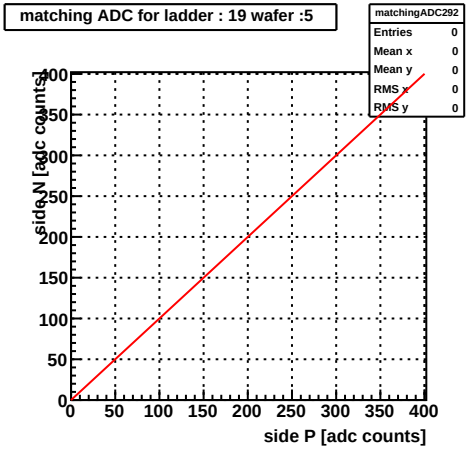

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

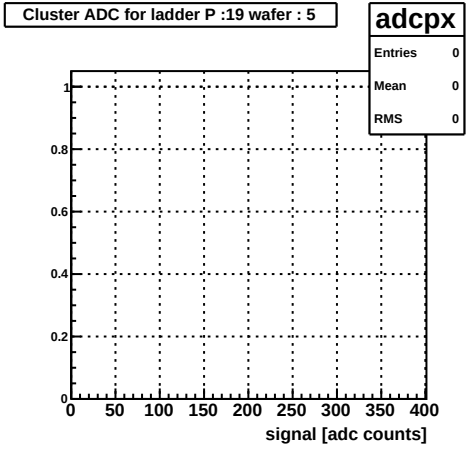

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

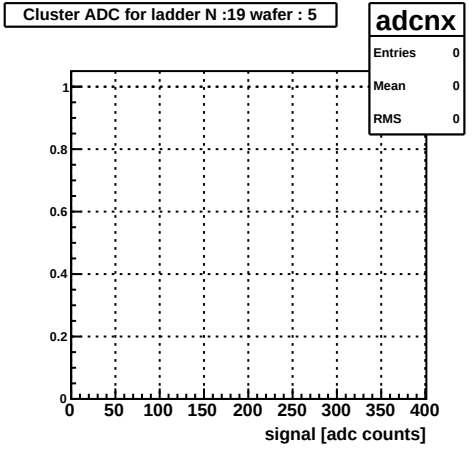

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

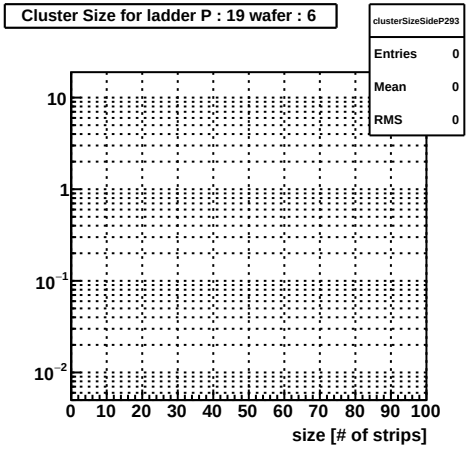

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

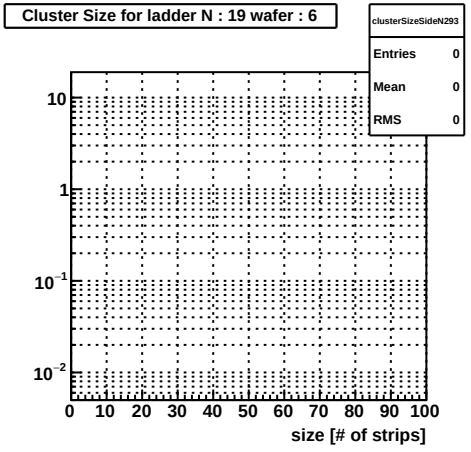

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

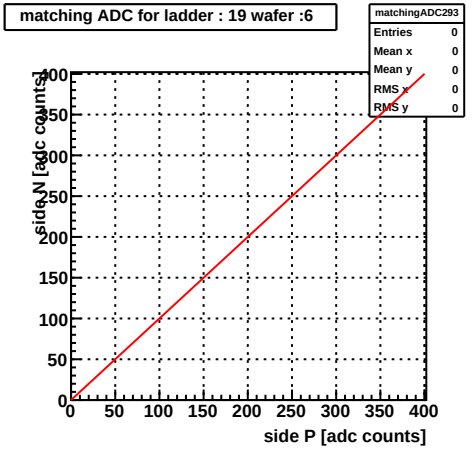

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

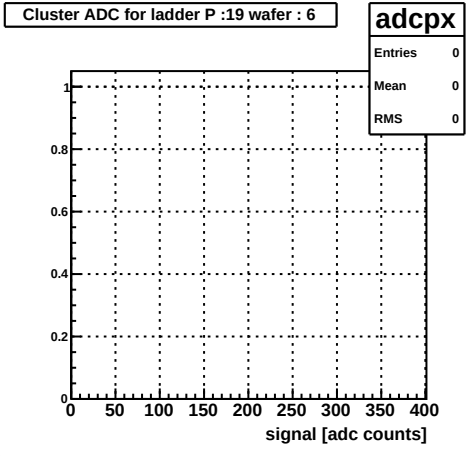

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

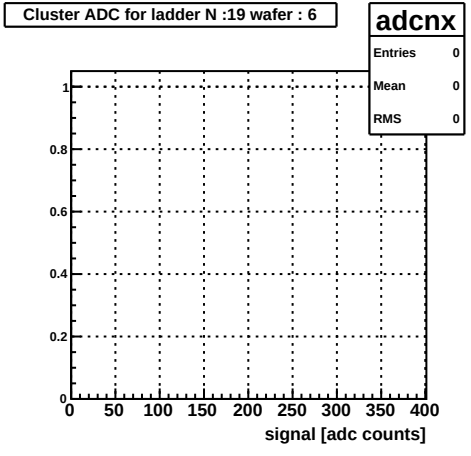

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

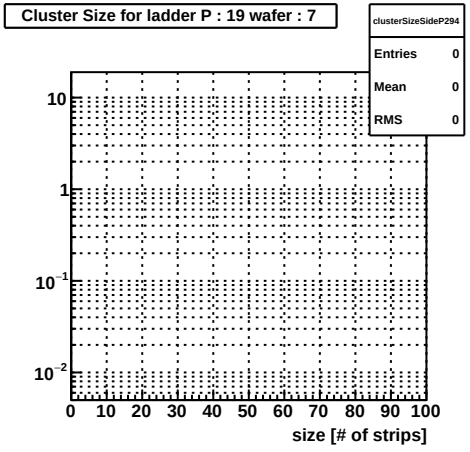

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

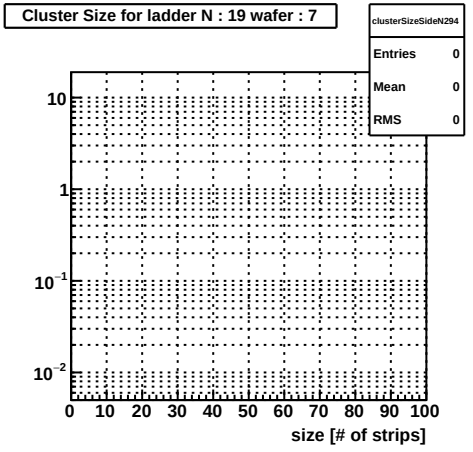

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

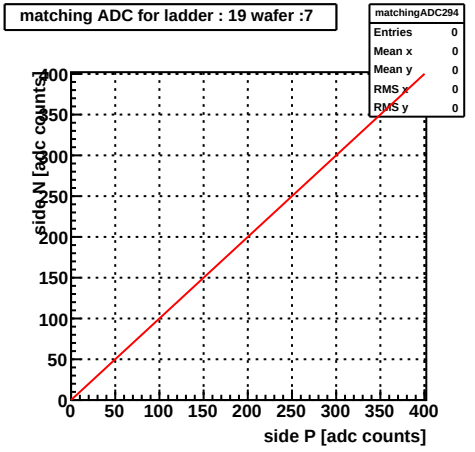

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

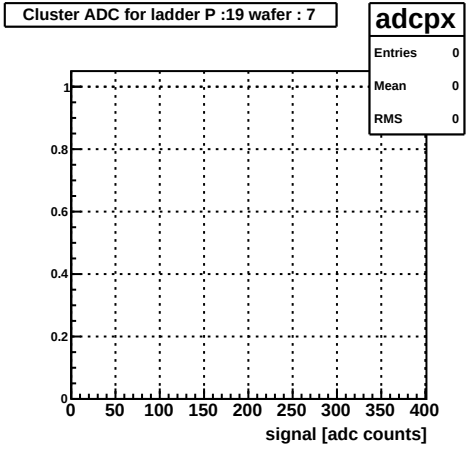

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

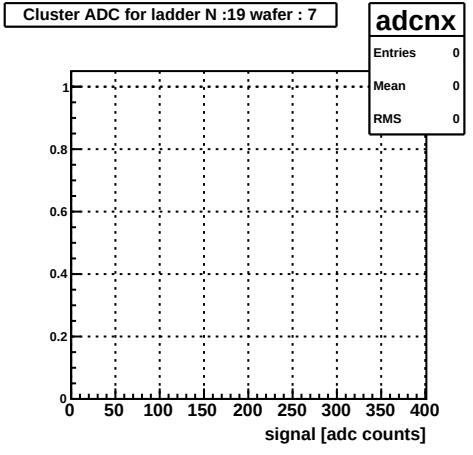

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

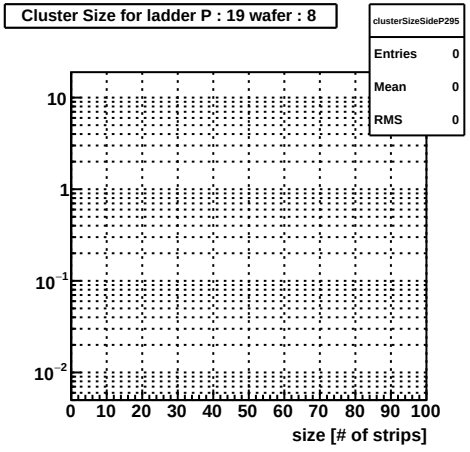

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

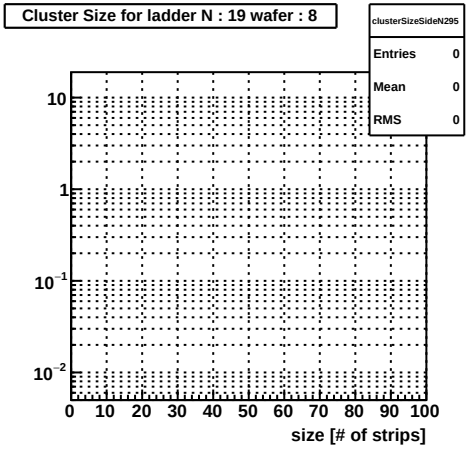

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

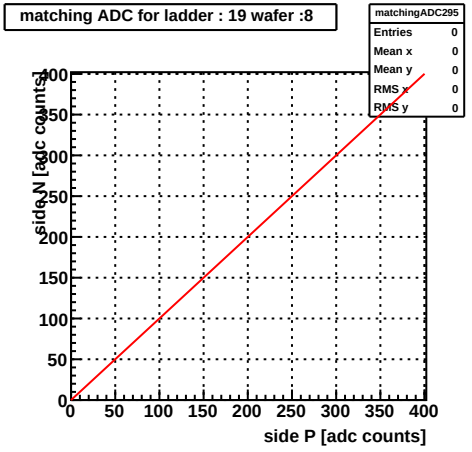

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

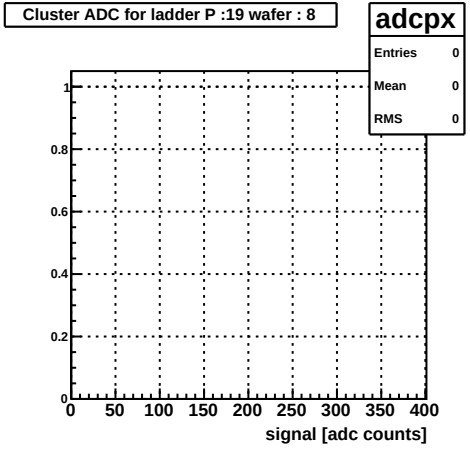

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

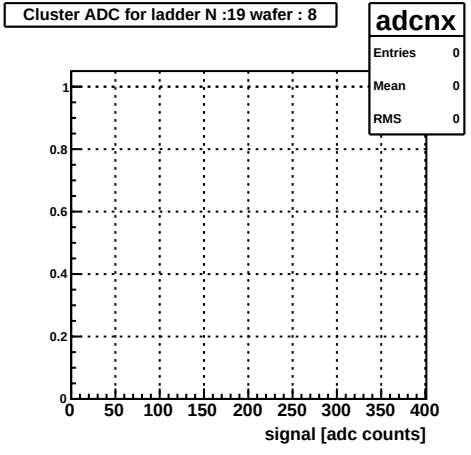

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

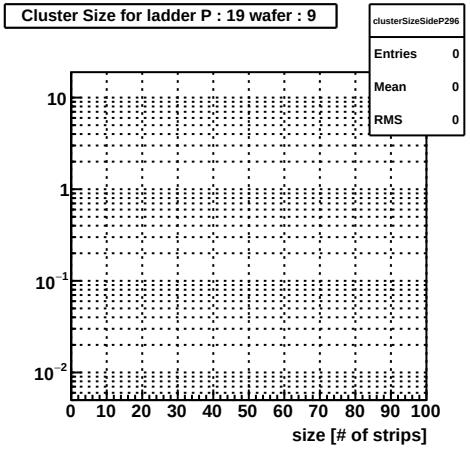

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

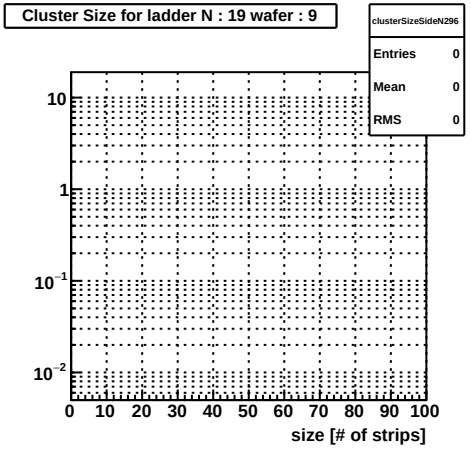

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

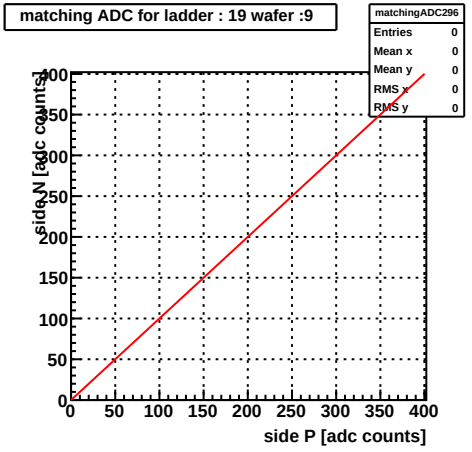

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

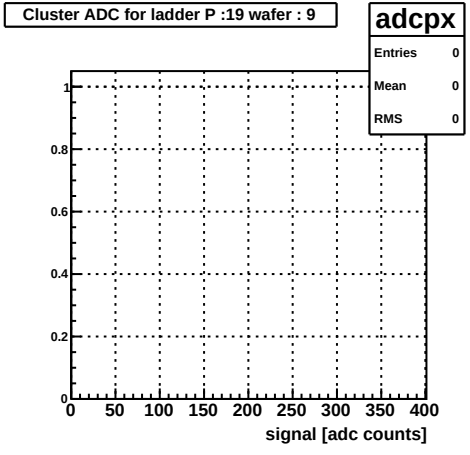

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

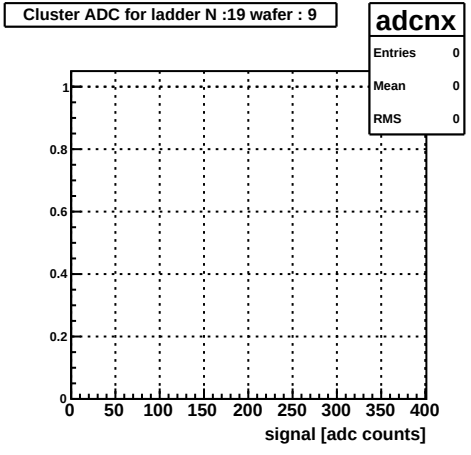

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

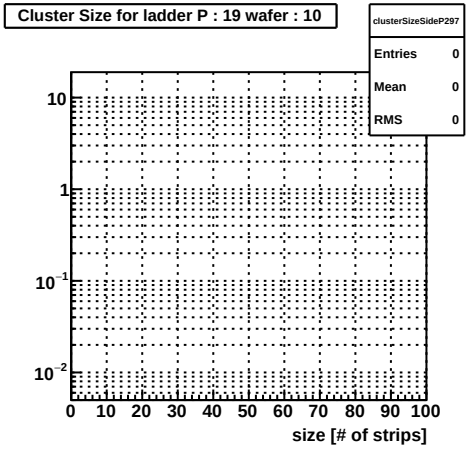

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

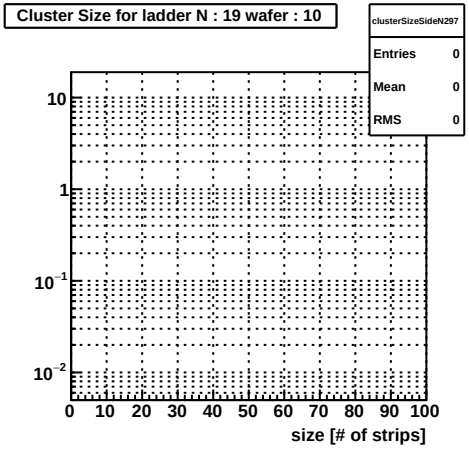

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

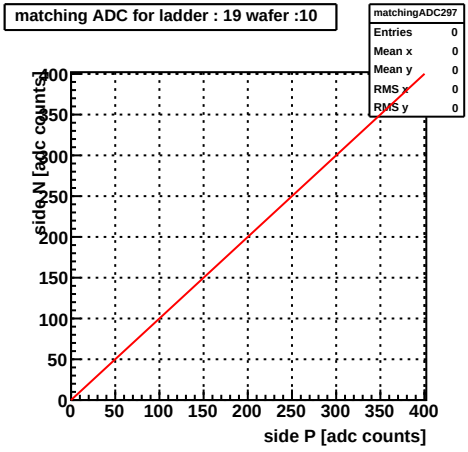

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

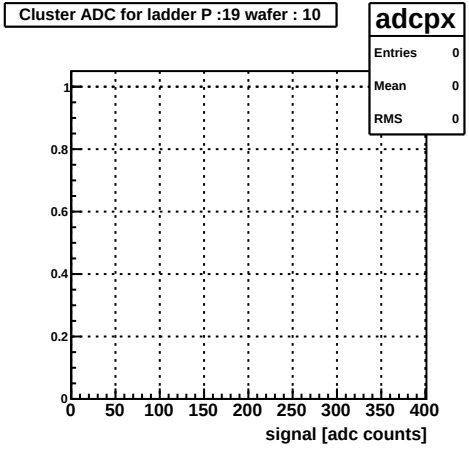

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

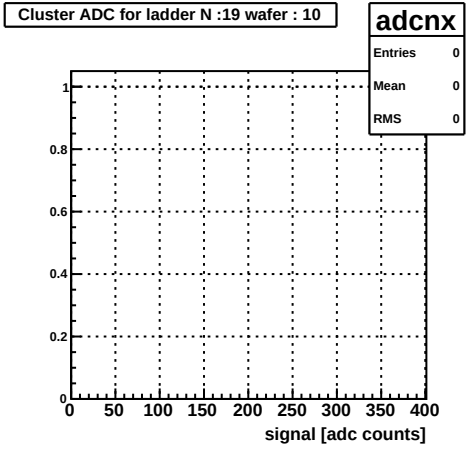

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

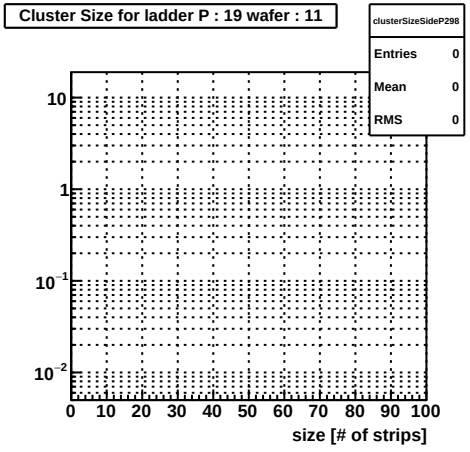

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

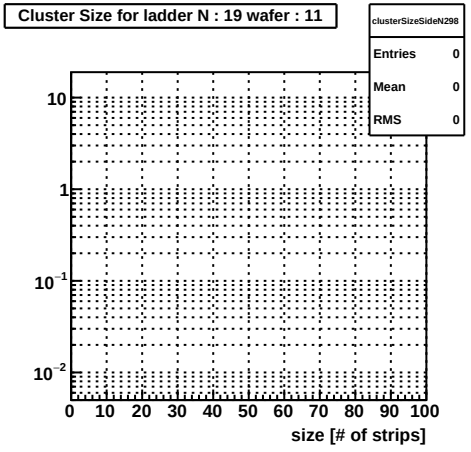

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

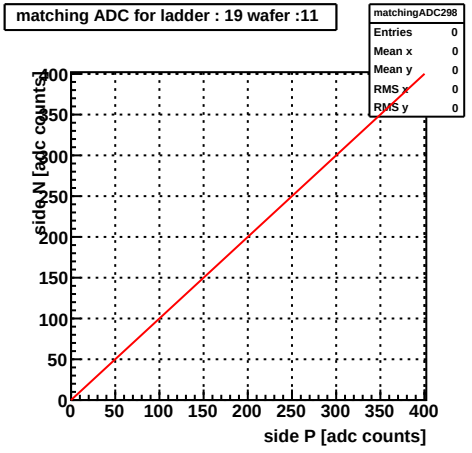

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

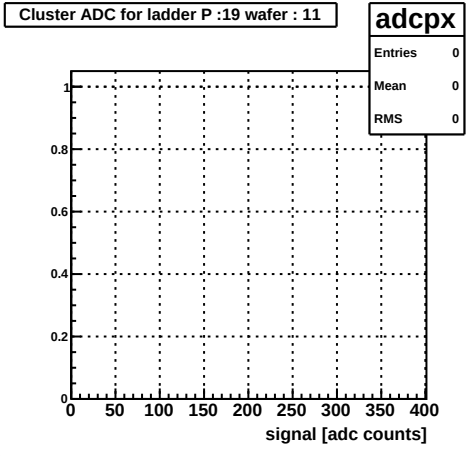

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

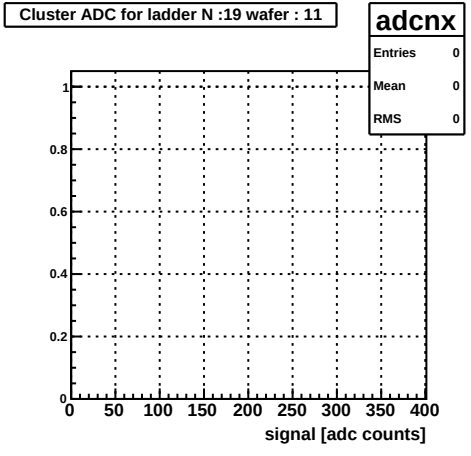

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

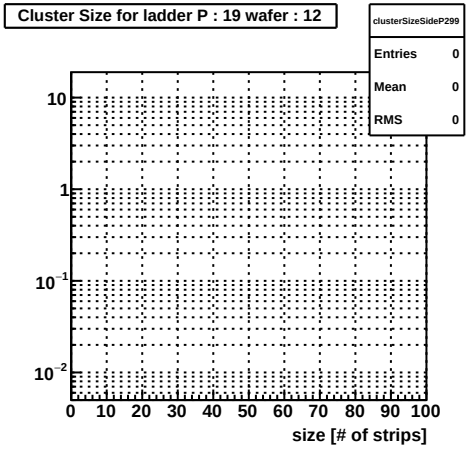

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

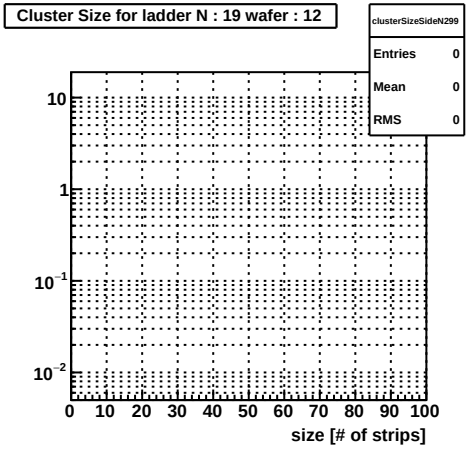

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

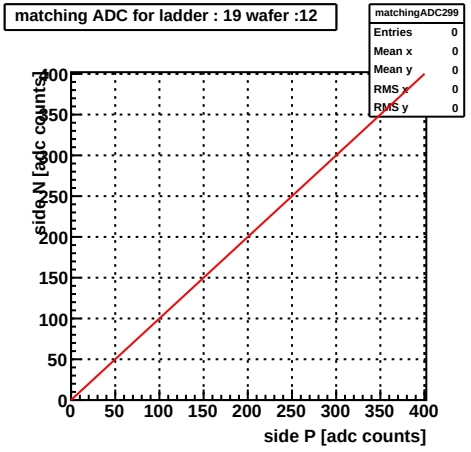

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

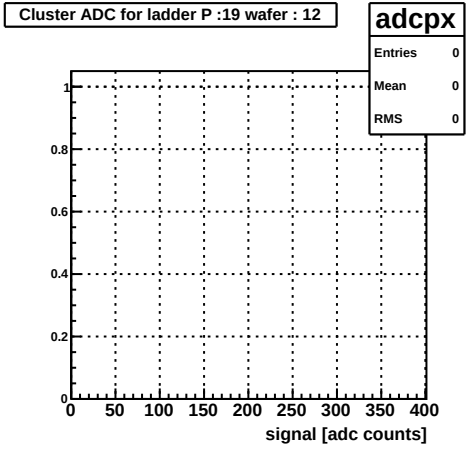

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

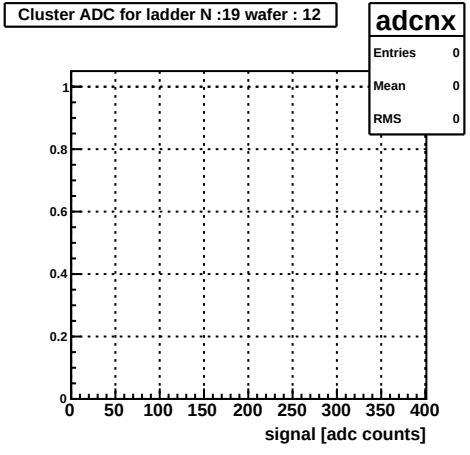

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

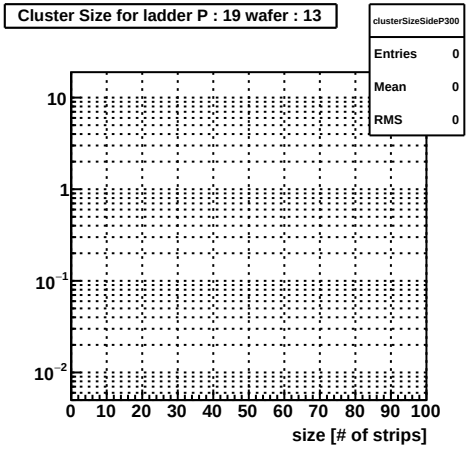

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

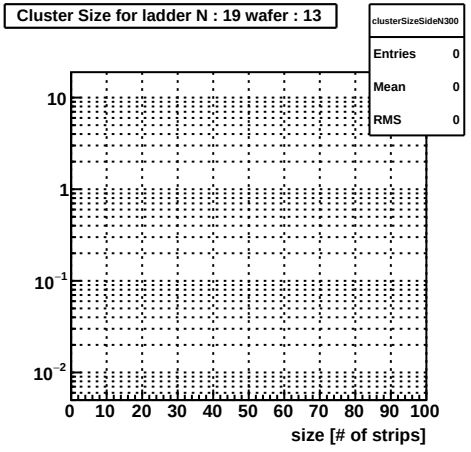

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

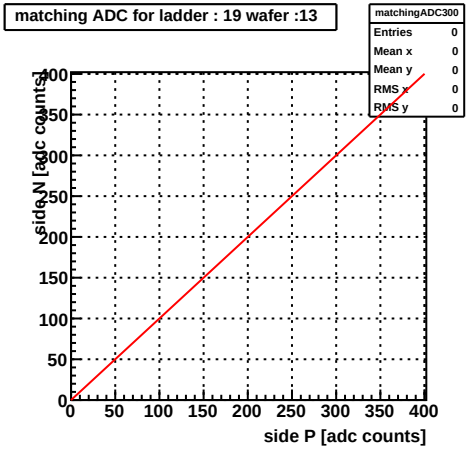

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

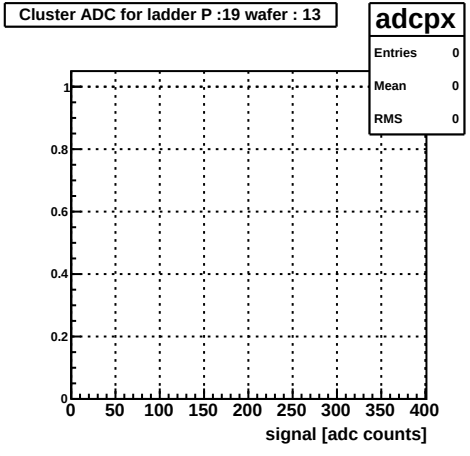

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

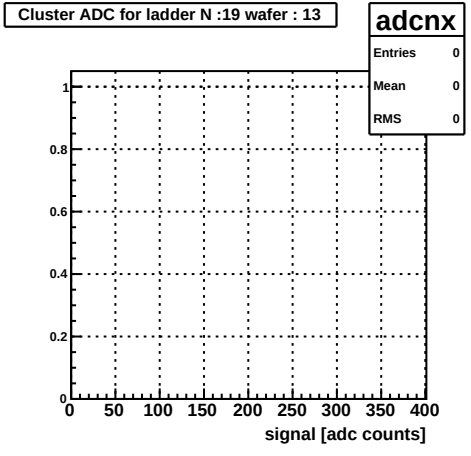

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

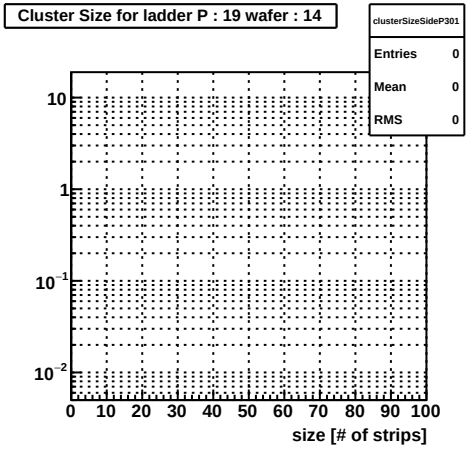

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

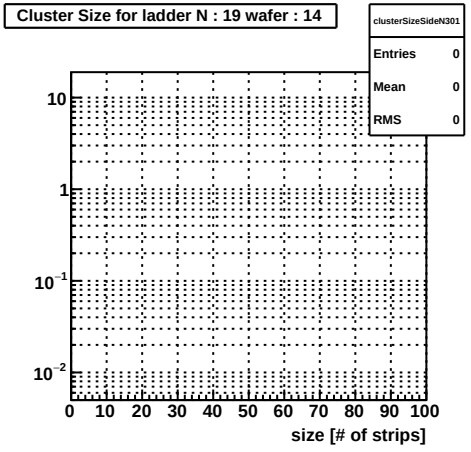

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

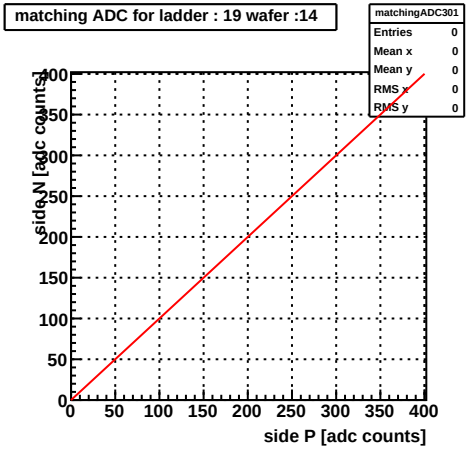

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

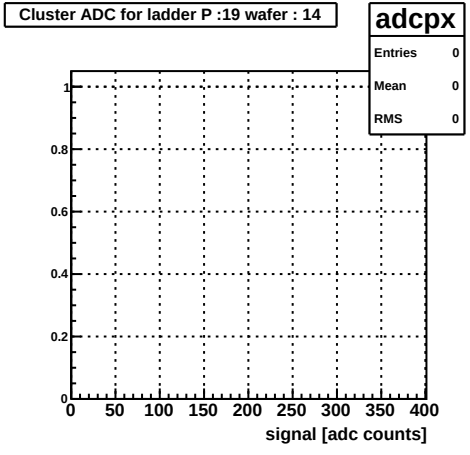

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

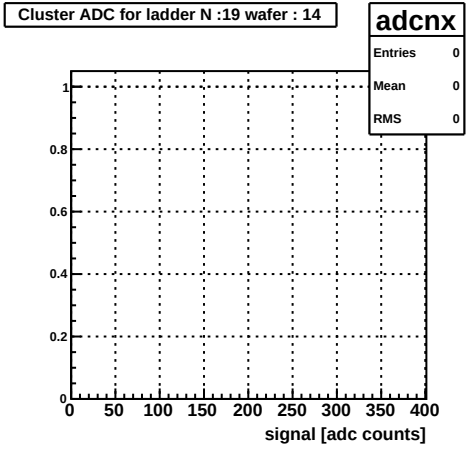

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

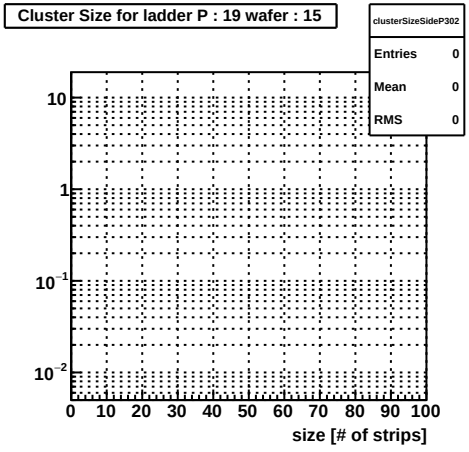

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

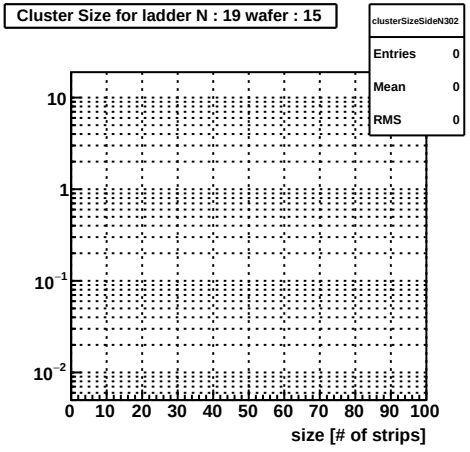

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

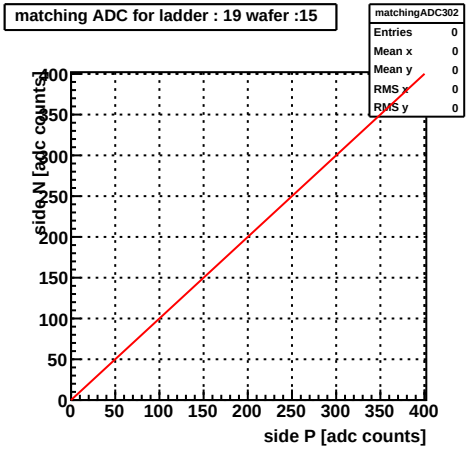

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

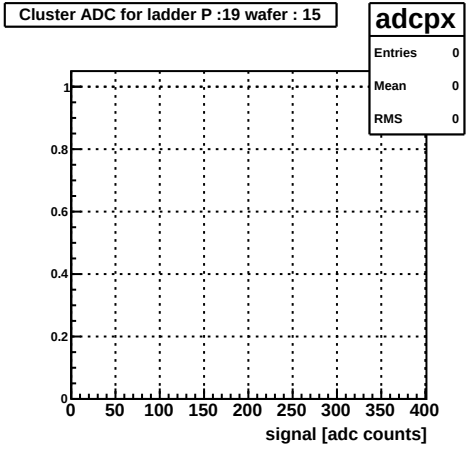

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

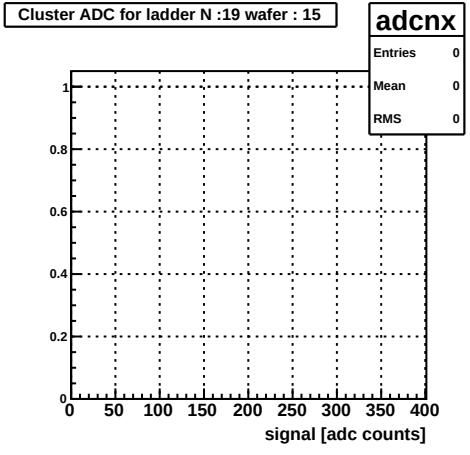

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

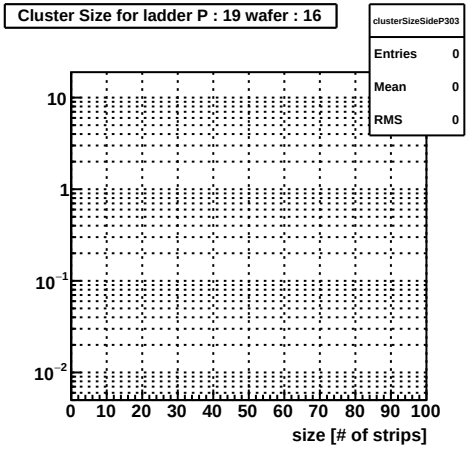

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

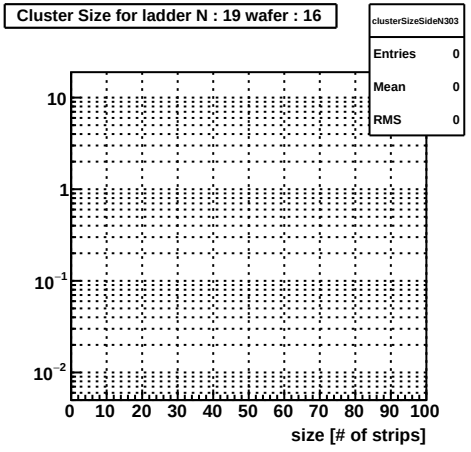

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

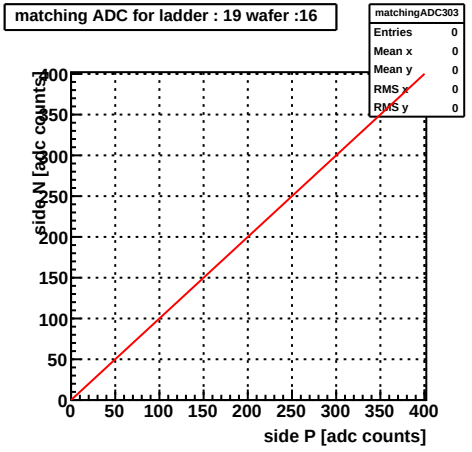

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

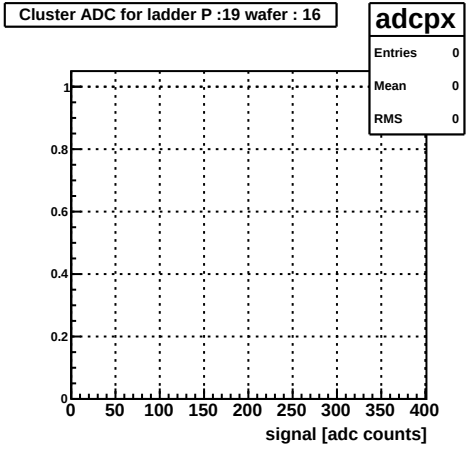

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

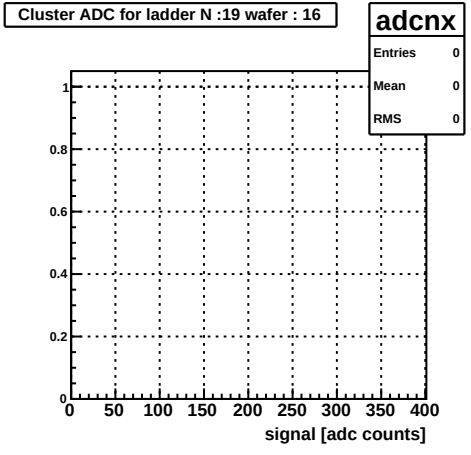

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

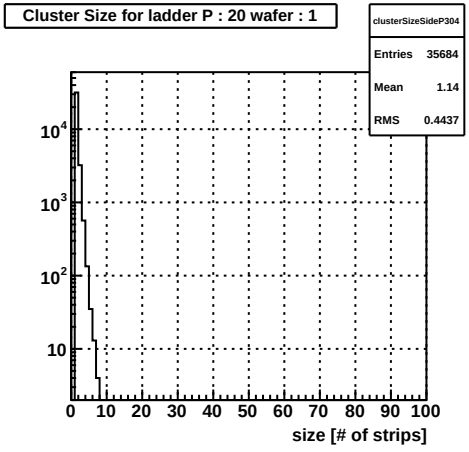

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

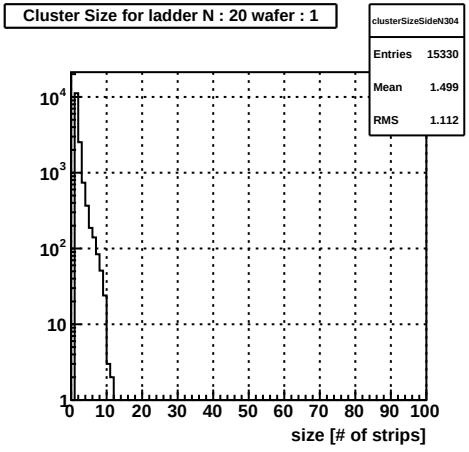

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

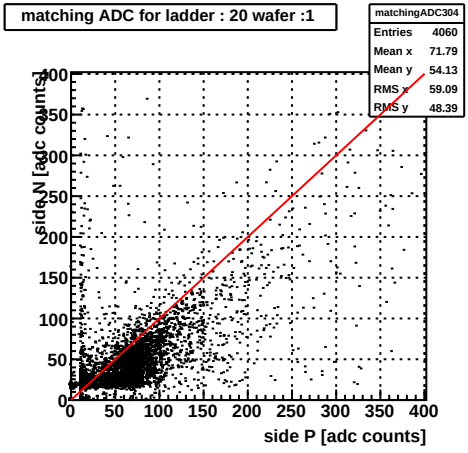

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

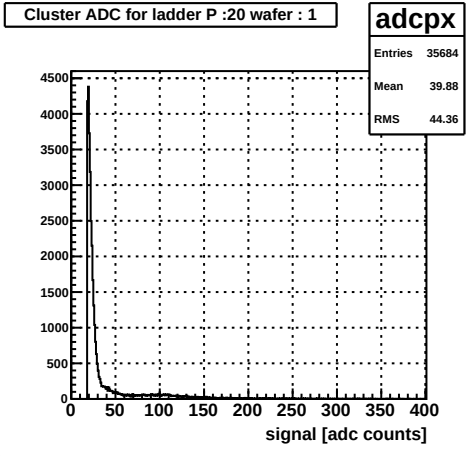

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

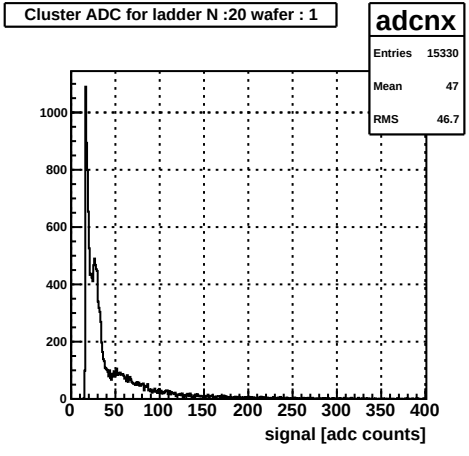

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

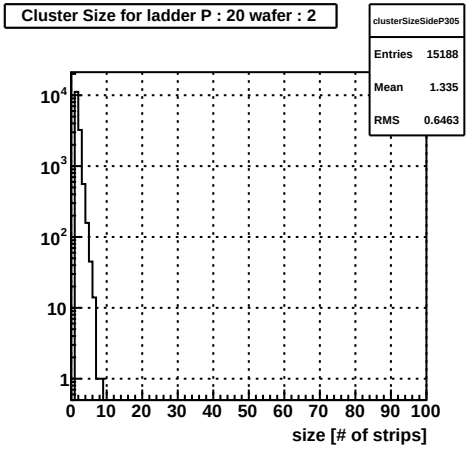

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 35684
Mean 1.14
RMS 0.4437
size [# of strips]

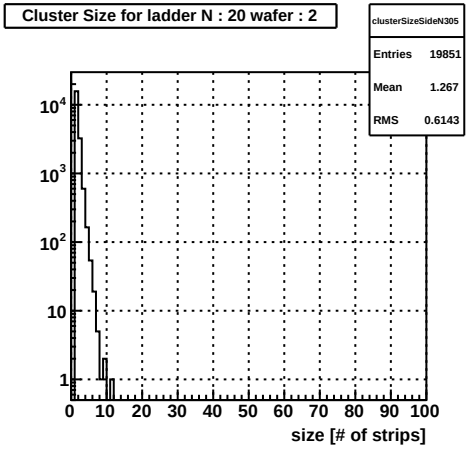

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 15330
Mean 1.499
RMS 1.112
size [# of strips]

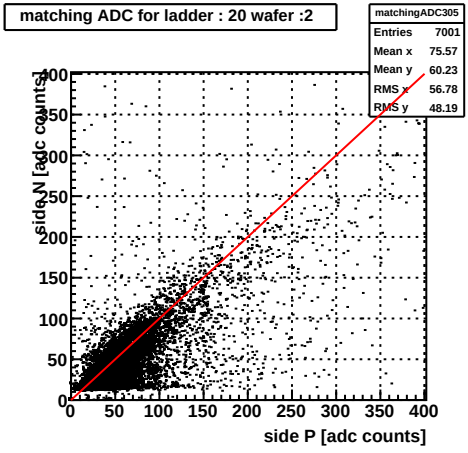

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4060
Mean x 71.79
Mean y 54.13
RMS x 59.09
RMS y 48.39
side N [adc counts]
side P [adc counts]

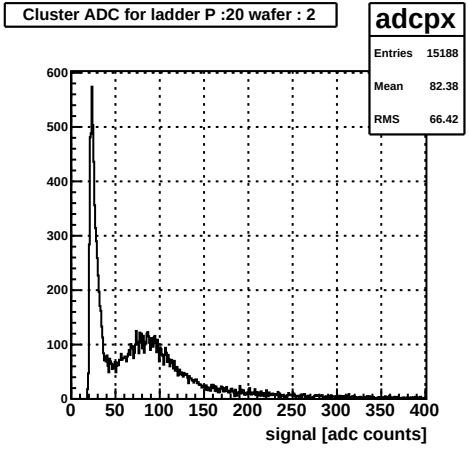

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 35684
Mean 39.88
RMS 44.36
signal [adc counts]

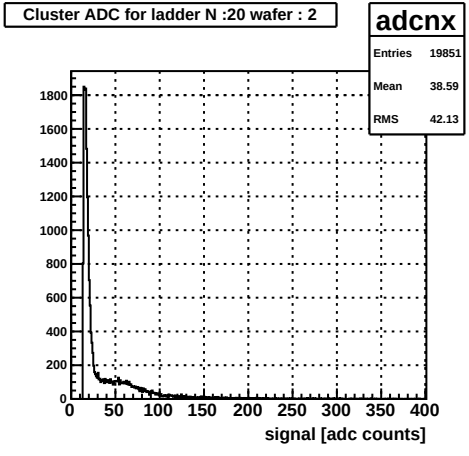

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 15330
Mean 47
RMS 46.7
signal [adc counts]

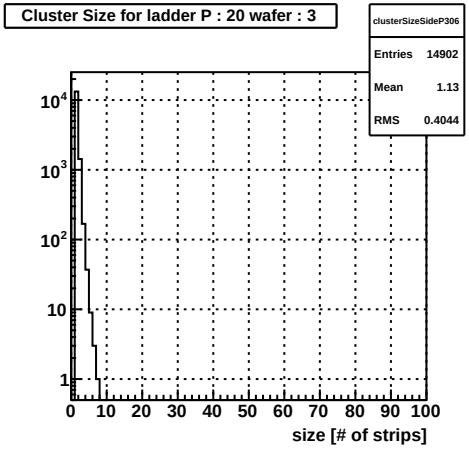

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 15188
Mean 1.335
RMS 0.6463
size [# of strips]

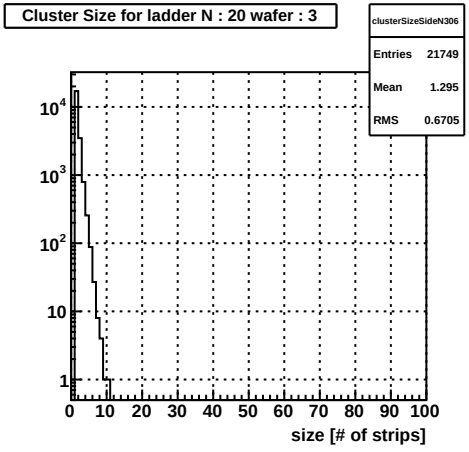

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 19851
Mean 1.267
RMS 0.6143
size [# of strips]

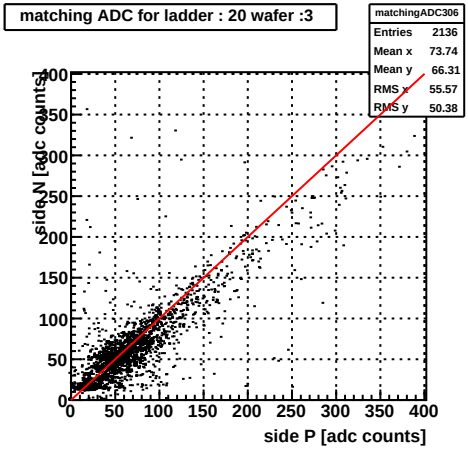

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7001
Mean x 75.57
Mean y 60.23
RMS x 56.78
RMS y 48.19
side N [adc counts]
side P [adc counts]

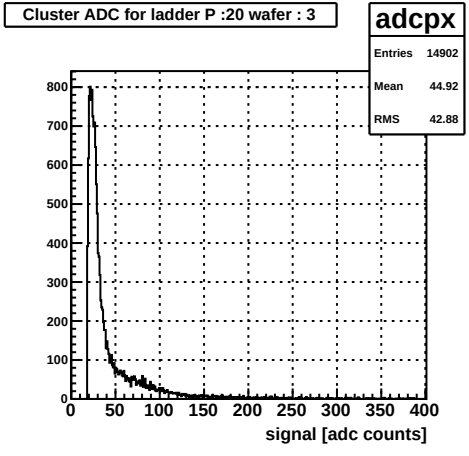

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 15188
Mean 82.38
RMS 66.42
signal [adc counts]

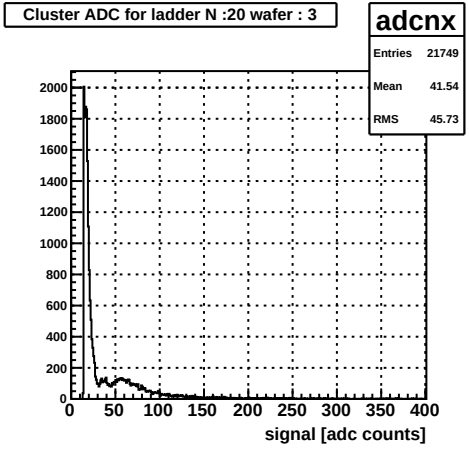

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 19851
Mean 38.59
RMS 42.13
signal [adc counts]

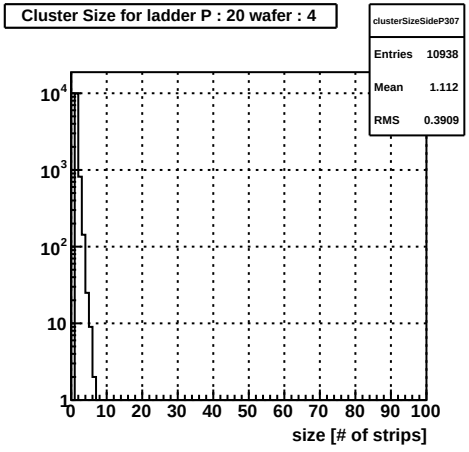

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 14902
Mean 1.13
RMS 0.4044
size [# of strips]

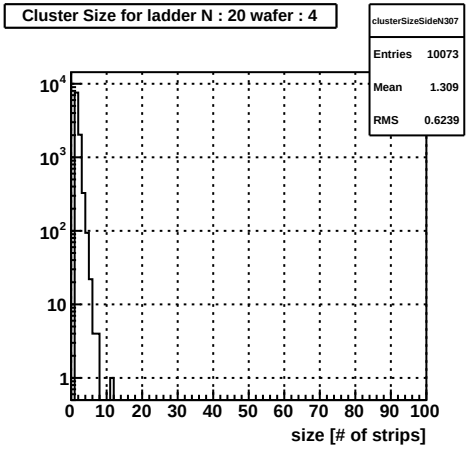

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 21749
Mean 1.295
RMS 0.6705
size [# of strips]

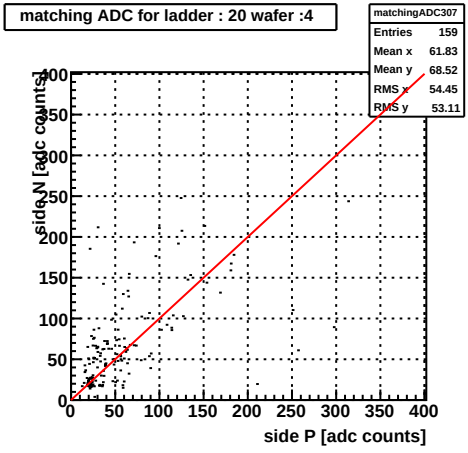

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2136
Mean x 73.74
Mean y 66.31
RMS x 55.57
RMS y 50.38
side N [adc counts]
side P [adc counts]

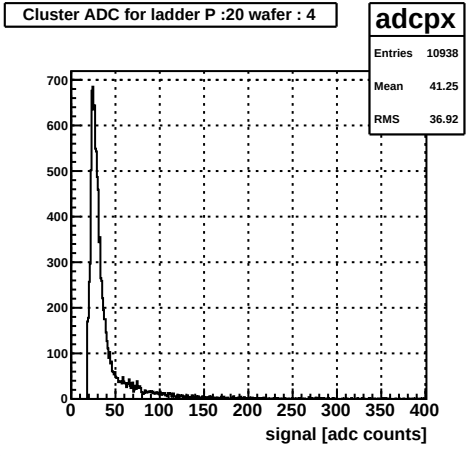

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 14902
Mean 44.92
RMS 42.88
signal [adc counts]

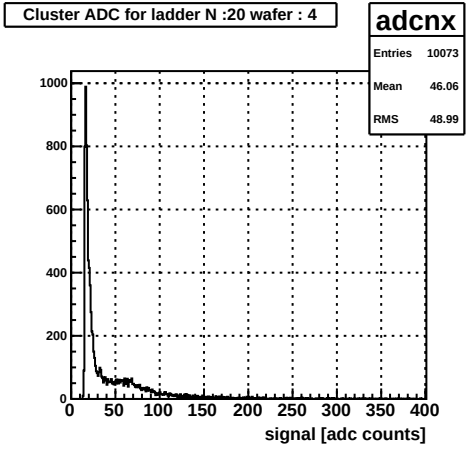

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 21749
Mean 41.54
RMS 45.73
signal [adc counts]

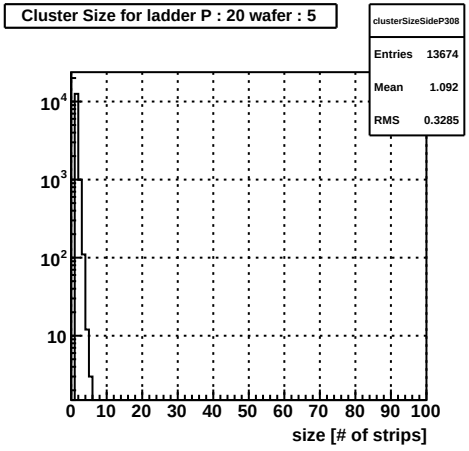

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 10938
Mean 1.112
RMS 0.3909
size [# of strips]

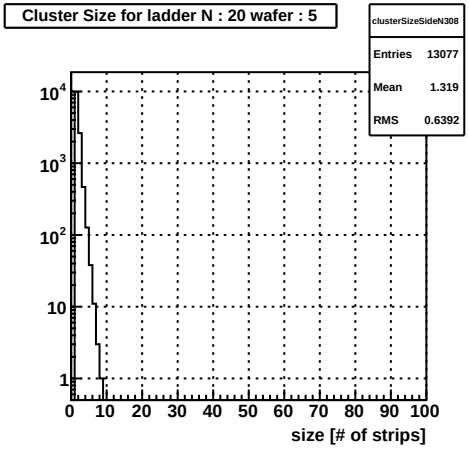

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 10073
Mean 1.309
RMS 0.6239
size [# of strips]

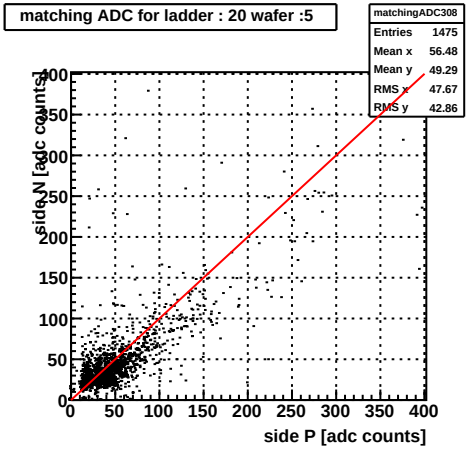

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 159
Mean x 61.83
Mean y 68.52
RMS x 54.45
RMS y 53.11
side N [adc counts]
side P [adc counts]

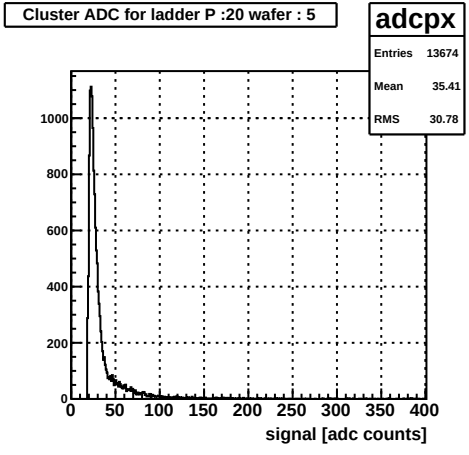

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 10938
Mean 41.25
RMS 36.92
signal [adc counts]

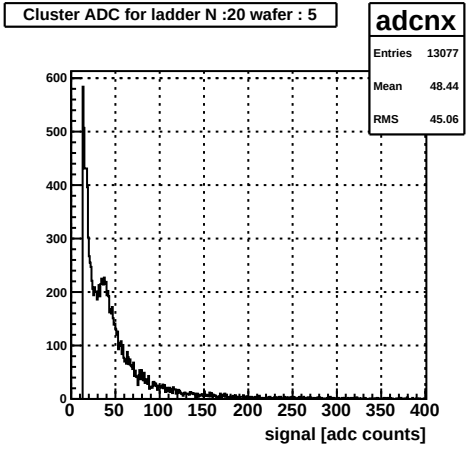

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 10073
Mean 46.06
RMS 48.99
signal [adc counts]

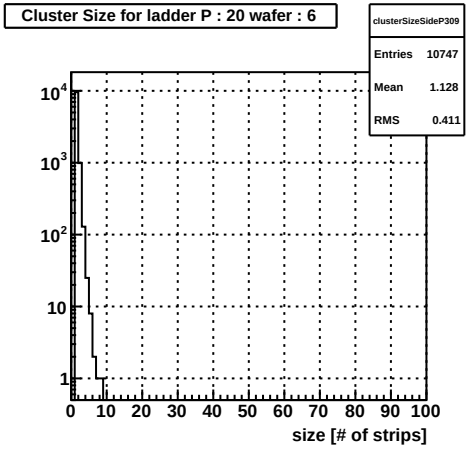

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 13674
Mean 1.092
RMS 0.3285
size [# of strips]

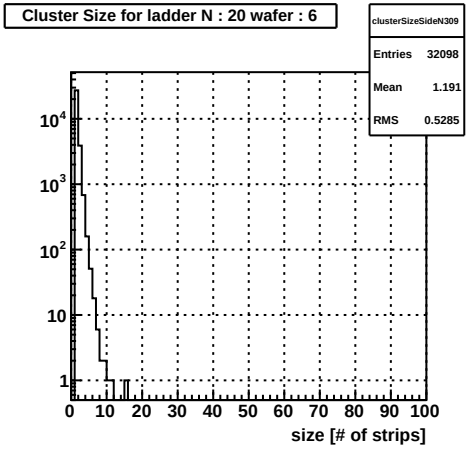

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 13077
Mean 1.319
RMS 0.6392
size [# of strips]

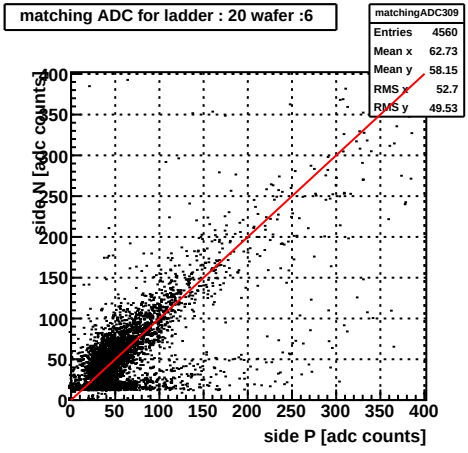

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1475
Mean x 56.48
Mean y 49.29
RMS x 47.67
RMS y 42.86
side N [adc counts]
side P [adc counts]

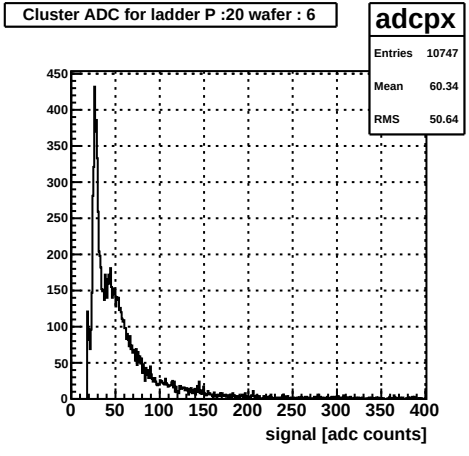

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 13674
Mean 35.41
RMS 30.78
signal [adc counts]

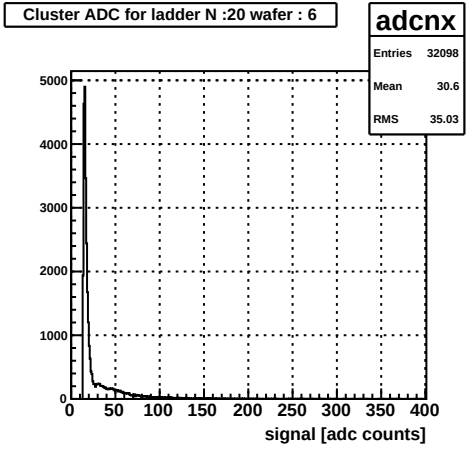

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 13077
Mean 48.44
RMS 45.06
signal [adc counts]

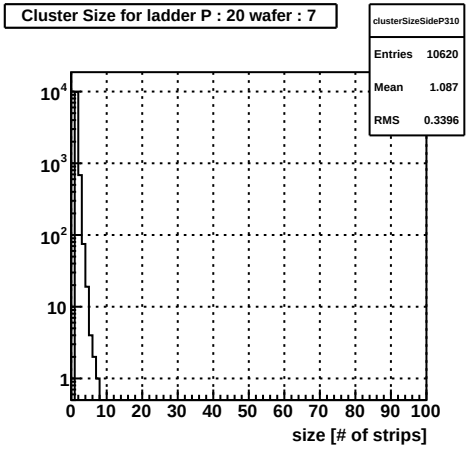

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 10747
Mean 1.128
RMS 0.411
size [# of strips]

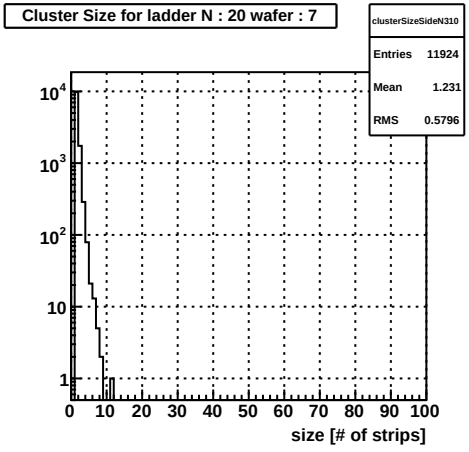

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 32098
Mean 1.191
RMS 0.5285
size [# of strips]

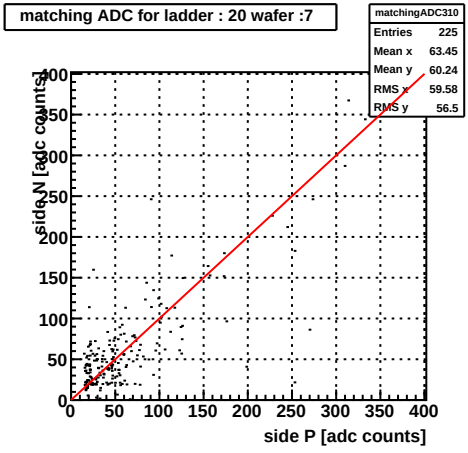

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 4560
Mean x 62.73
Mean y 58.15
RMS x 52.7
RMS y 49.53
side N [adc counts]
side P [adc counts]

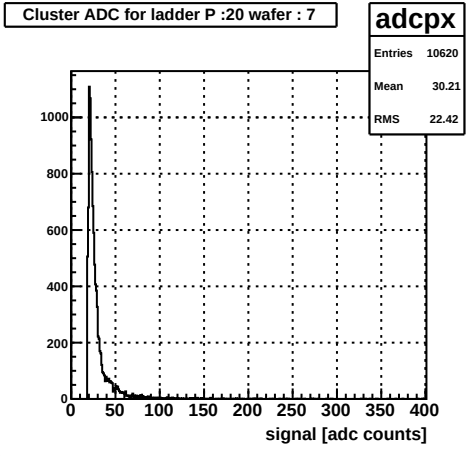

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 10747
Mean 60.34
RMS 50.64
signal [adc counts]

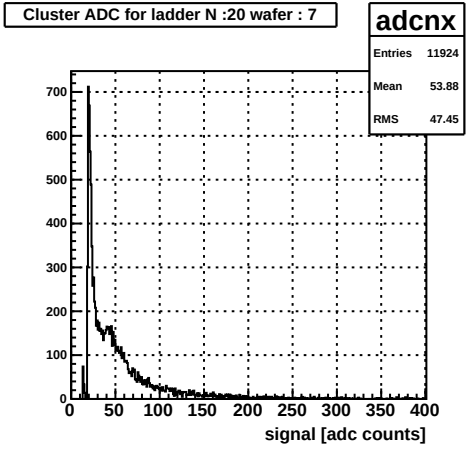

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 32098
Mean 30.6
RMS 35.03
signal [adc counts]

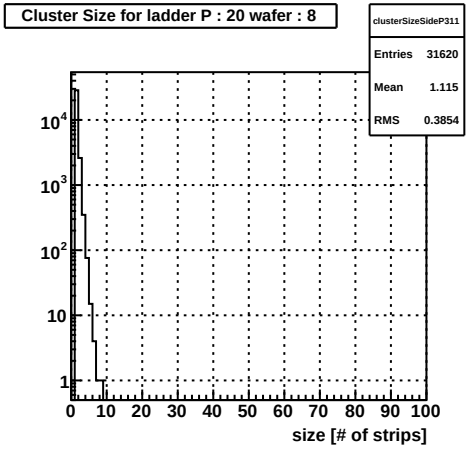

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 10620
Mean 1.087
RMS 0.3396
size [# of strips]

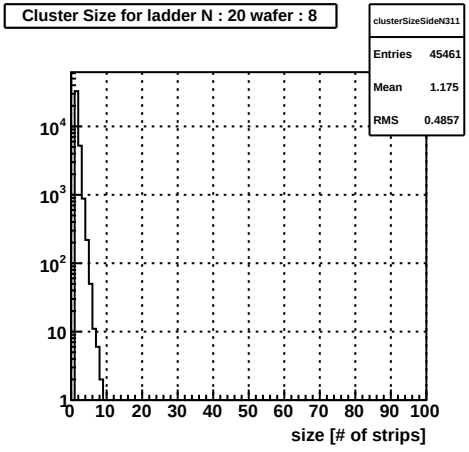

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11924
Mean 1.231
RMS 0.5796
size [# of strips]

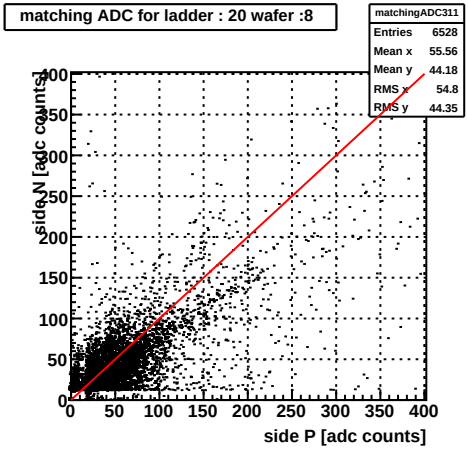

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 225
Mean x 63.45
Mean y 60.24
RMS x 59.58
RMS y 56.5
side N [adc counts]
side P [adc counts]

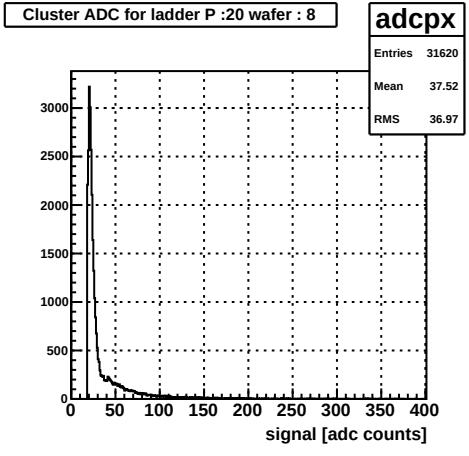

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 10620
Mean 30.21
RMS 22.42
signal [adc counts]

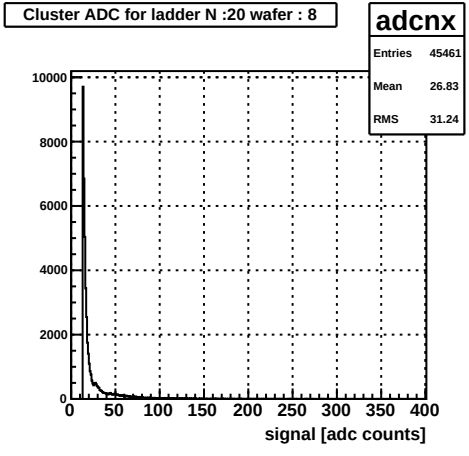

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11924
Mean 53.88
RMS 47.45
signal [adc counts]

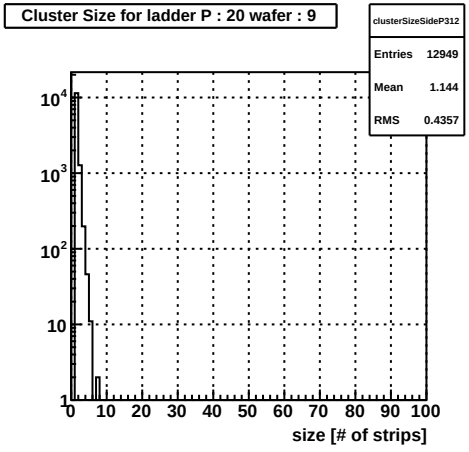

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 31620
Mean 1.115
RMS 0.3854
size [# of strips]

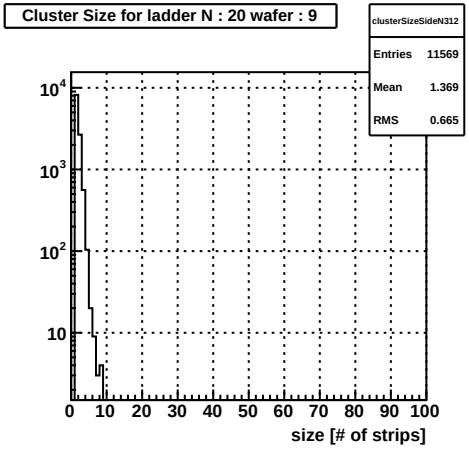

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 45461
Mean 1.175
RMS 0.4857
size [# of strips]

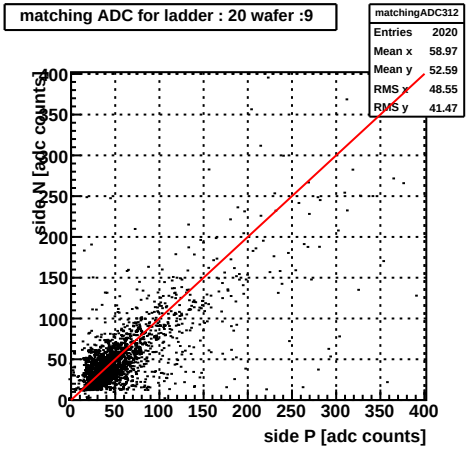

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 6528
Mean x 55.56
Mean y 44.18
RMS x 54.8
RMS y 44.35
side N [adc counts]
side P [adc counts]

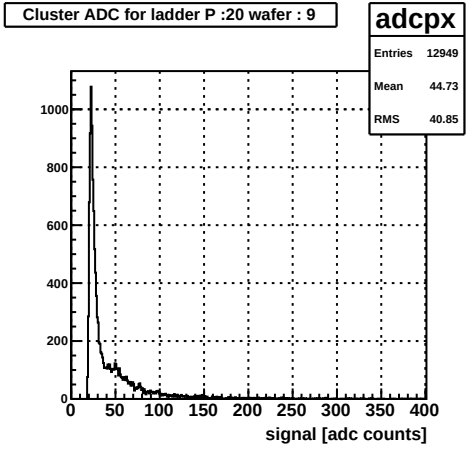

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 31620
Mean 37.52
RMS 36.97
signal [adc counts]

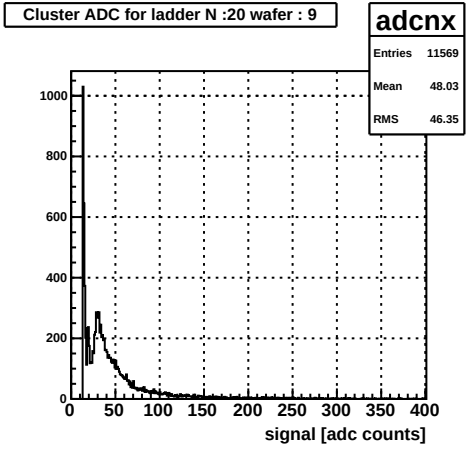

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 45461
Mean 26.83
RMS 31.24
signal [adc counts]

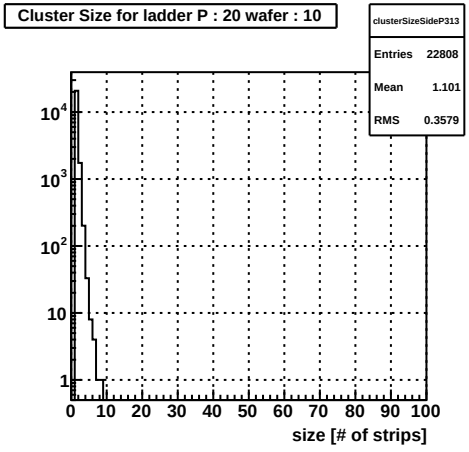

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 12949
Mean 1.144
RMS 0.4357
size [# of strips]

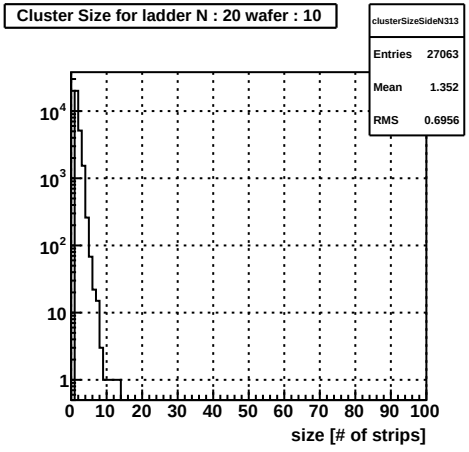

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11569
Mean 1.369
RMS 0.665
size [# of strips]

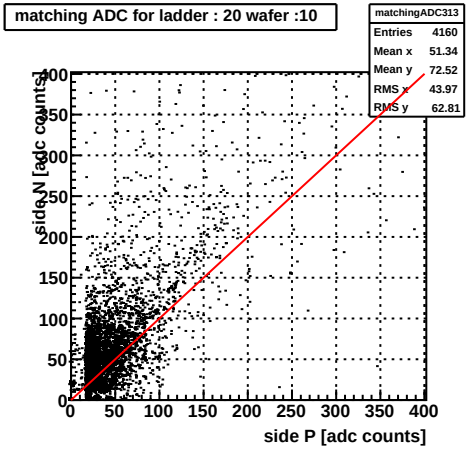

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2020
Mean x 58.97
Mean y 52.59
RMS x 48.55
RMS y 41.47
side N [adc counts]
side P [adc counts]

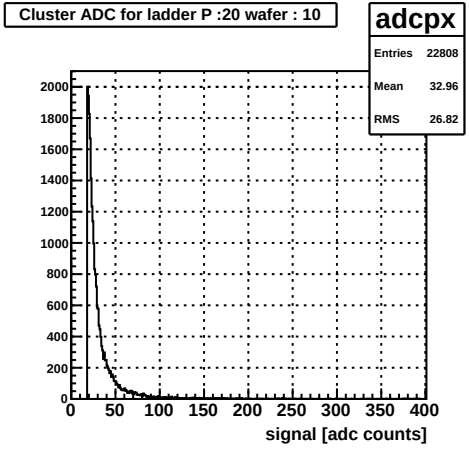

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 12949
Mean 44.73
RMS 40.85
signal [adc counts]

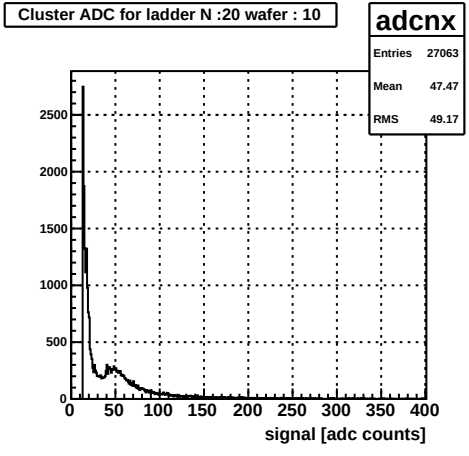

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11569
Mean 48.03
RMS 46.35
signal [adc counts]

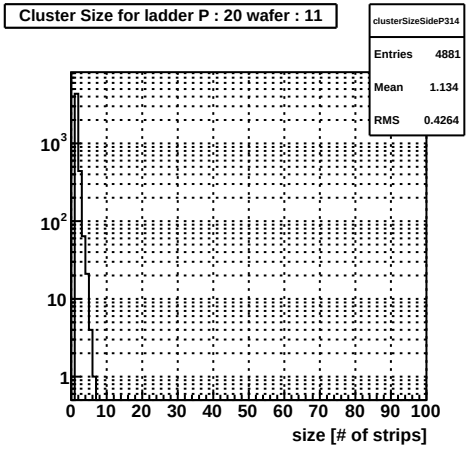

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 22808
Mean 1.101
RMS 0.3579
size [# of strips]

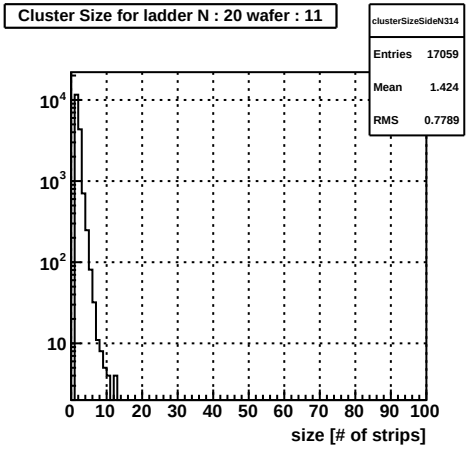

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 27063
Mean 1.352
RMS 0.6956
size [# of strips]

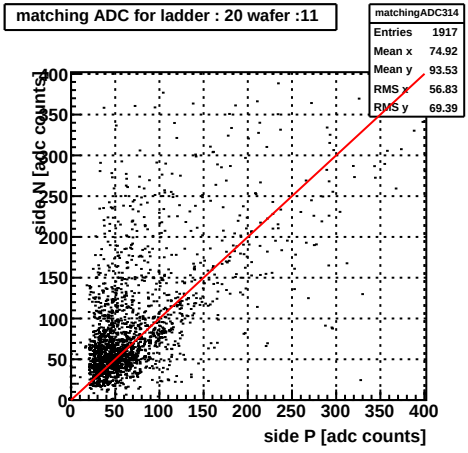

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 4160
Mean x 51.34
Mean y 72.52
RMS x 43.97
RMS y 62.81
side N [adc counts]
side P [adc counts]

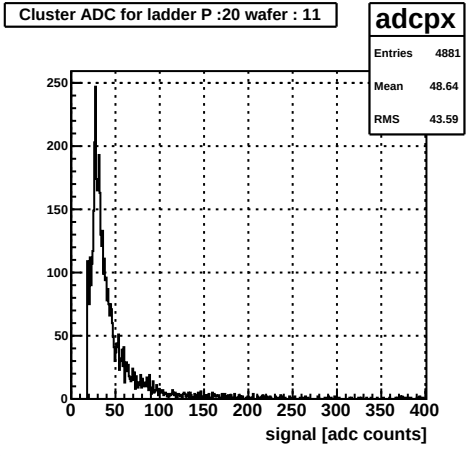

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 22808
Mean 32.96
RMS 26.82
signal [adc counts]

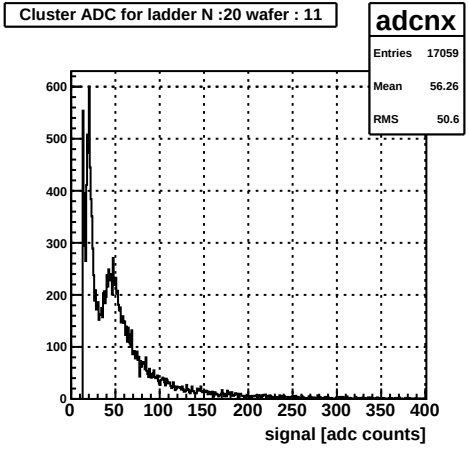

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 27063
Mean 47.47
RMS 49.17
signal [adc counts]

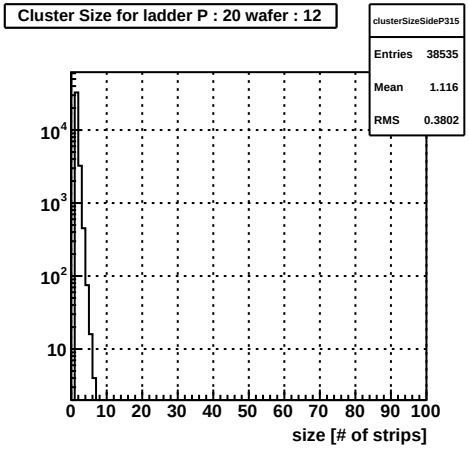

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4881
Mean 1.134
RMS 0.4264
size [# of strips]

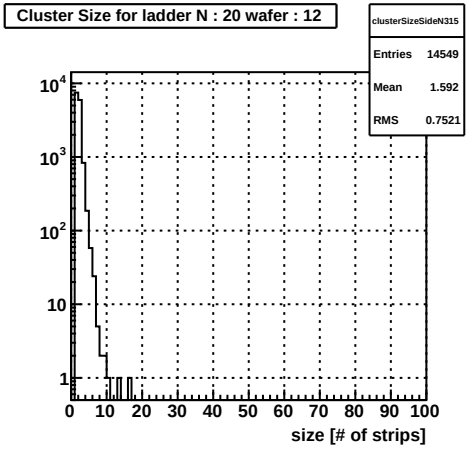

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 17059
Mean 1.424
RMS 0.7789
size [# of strips]

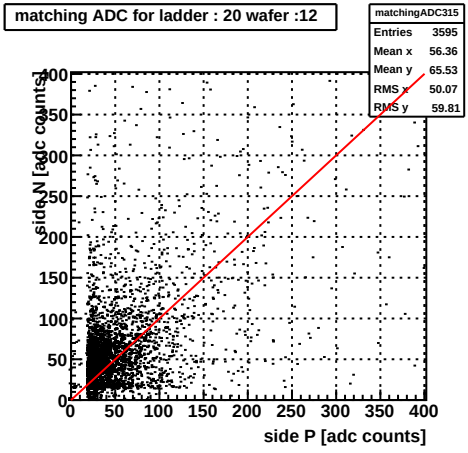

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1917
Mean x 74.92
Mean y 93.53
RMS x 56.83
RMS y 69.39
side N [adc counts]
side P [adc counts]

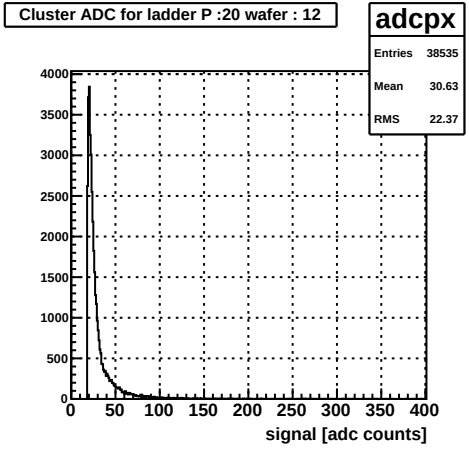

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4881
Mean 48.64
RMS 43.59
signal [adc counts]

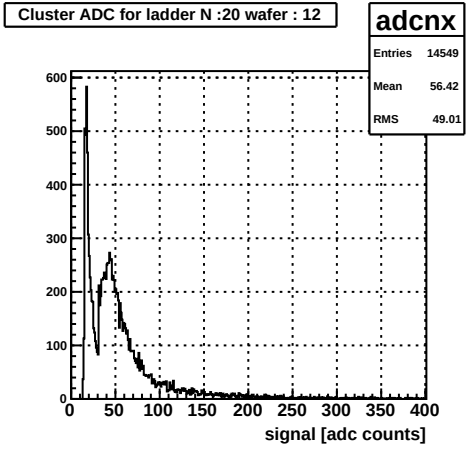

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 17059
Mean 56.26
RMS 50.6
signal [adc counts]

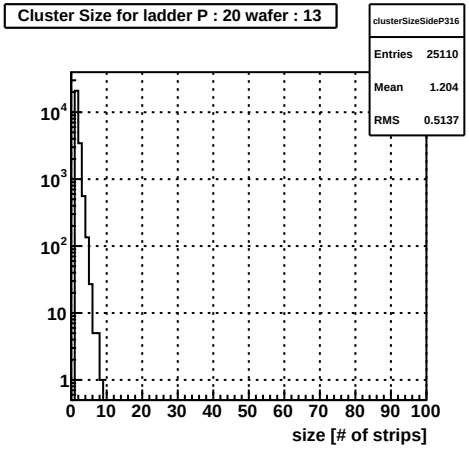

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 38535
Mean 1.116
RMS 0.3802
size [# of strips]

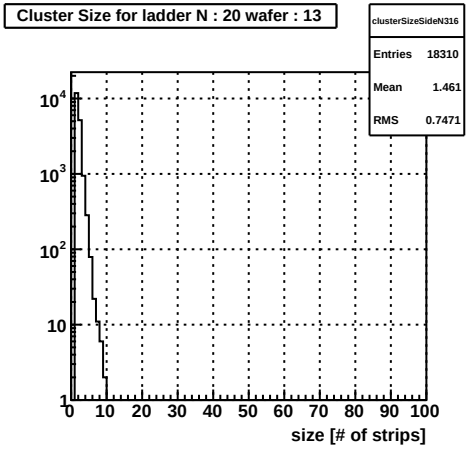

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 14549
Mean 1.592
RMS 0.7521
size [# of strips]

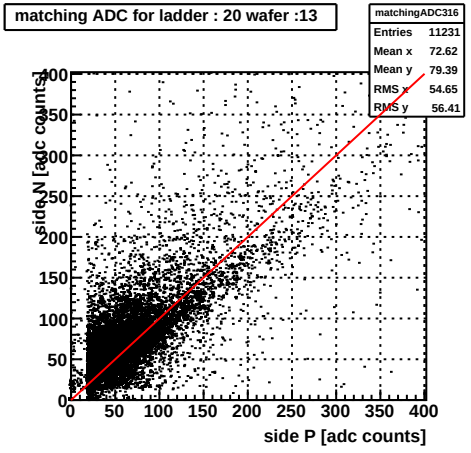

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3595
Mean x 56.36
Mean y 65.53
RMS x 50.07
RMS y 59.81
side N [adc counts]
side P [adc counts]

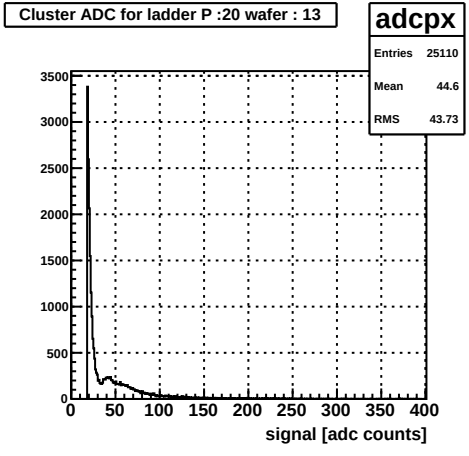

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 38535
Mean 30.63
RMS 22.37
signal [adc counts]

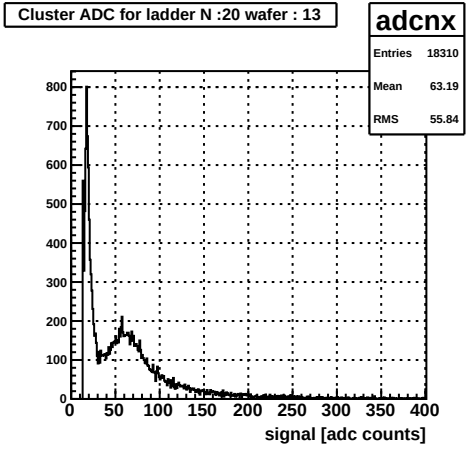

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 14549
Mean 56.42
RMS 49.01
signal [adc counts]

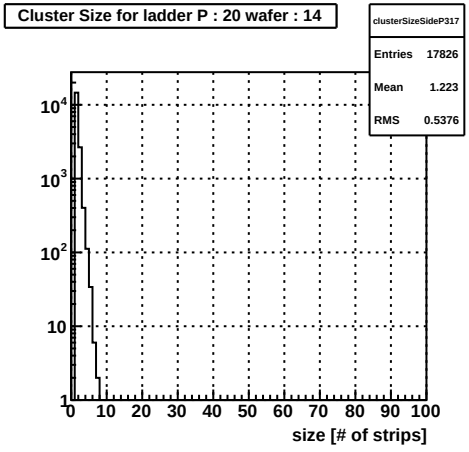

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 25110
Mean 1.204
RMS 0.5137
size [# of strips]

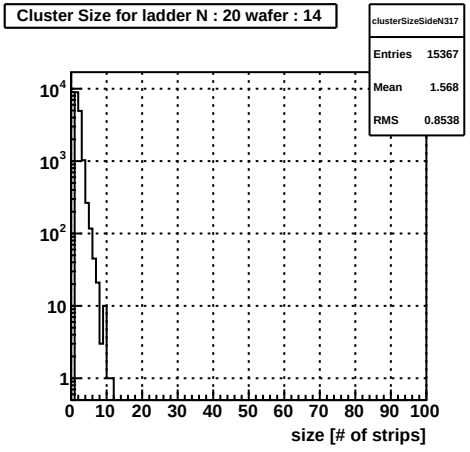

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 18310
Mean 1.461
RMS 0.7471
size [# of strips]

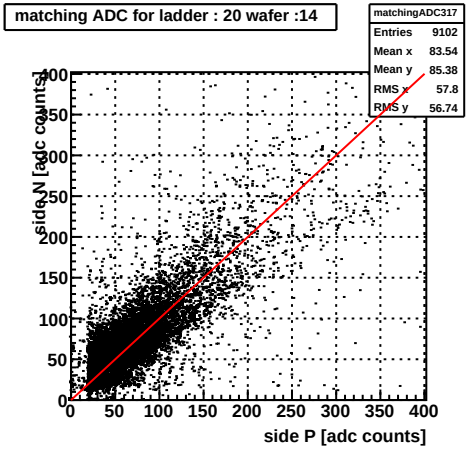

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 11231
Mean x 72.62
Mean y 79.39
RMS x 54.65
RMS y 56.41
side N [adc counts]
side P [adc counts]

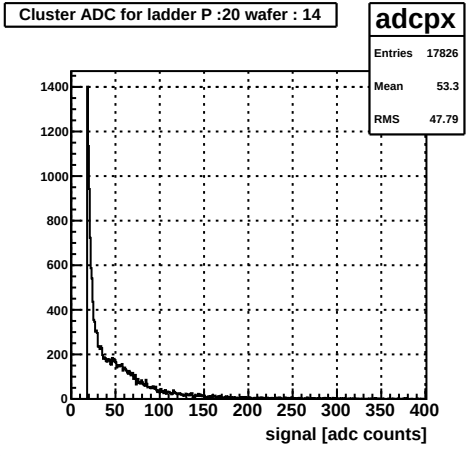

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 25110
Mean 44.6
RMS 43.73
signal [adc counts]

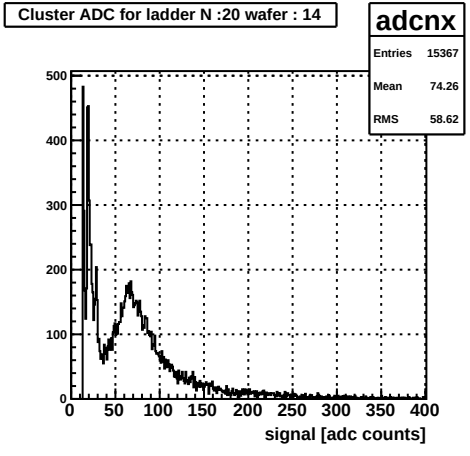

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 18310
Mean 63.19
RMS 55.84
signal [adc counts]

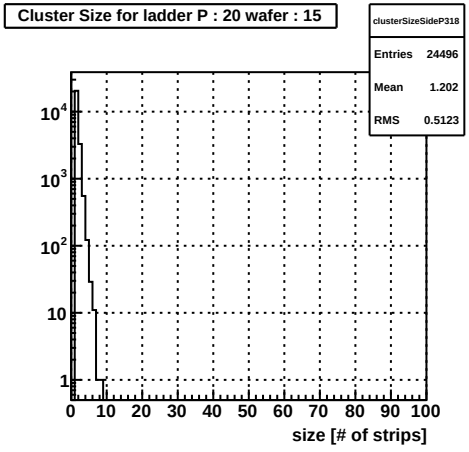

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 17826
Mean 1.223
RMS 0.5376
size [# of strips]

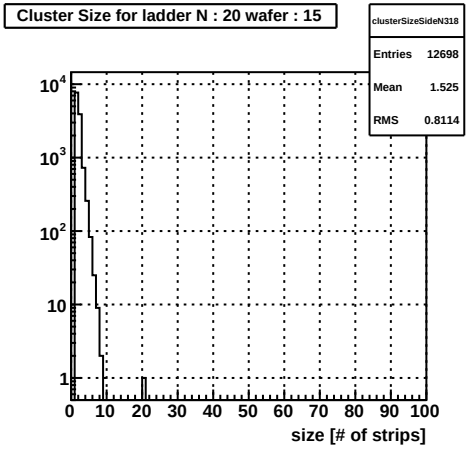

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15367
Mean 1.568
RMS 0.8538
size [# of strips]

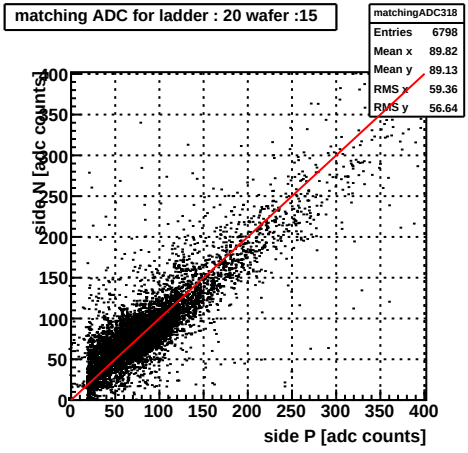

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 9102
Mean x 83.54
Mean y 85.38
RMS x 57.8
RMS y 56.74
side N [adc counts]
side P [adc counts]

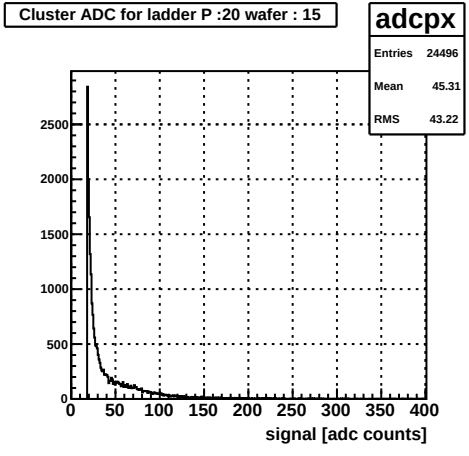

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 17826
Mean 53.3
RMS 47.79
signal [adc counts]

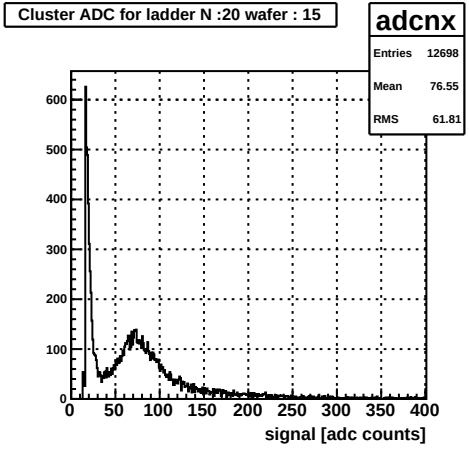

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15367
Mean 74.26
RMS 58.62
signal [adc counts]

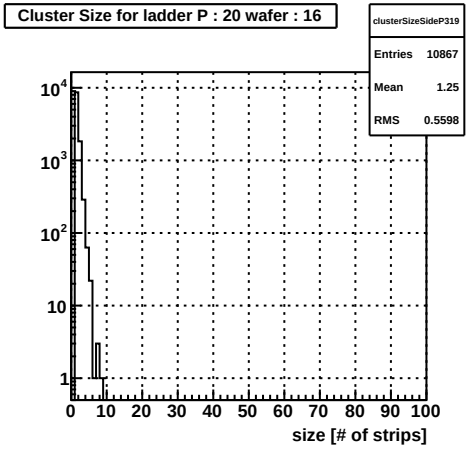

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 24496
Mean 1.202
RMS 0.5123
size [# of strips]

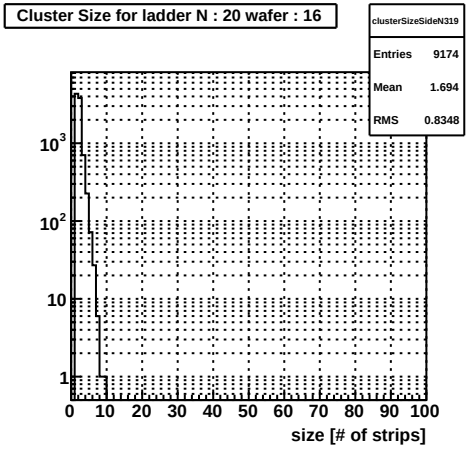

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 12698
Mean 1.525
RMS 0.8114
size [# of strips]

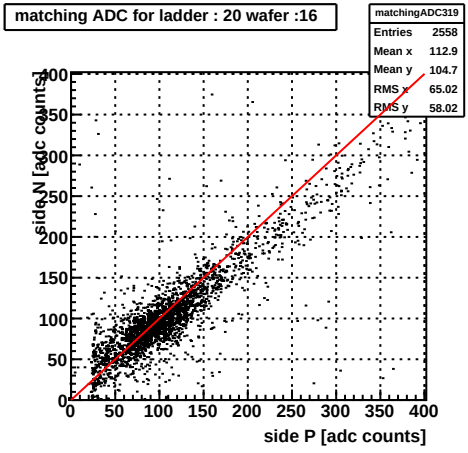

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 6798
Mean x 89.82
Mean y 89.13
RMS x 59.36
RMS y 56.64
side N [adc counts]
side P [adc counts]

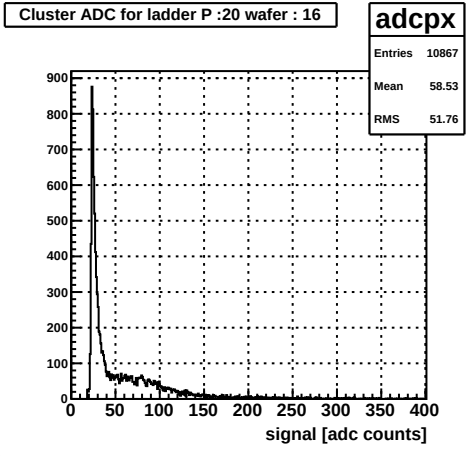

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 24496
Mean 45.31
RMS 43.22
signal [adc counts]

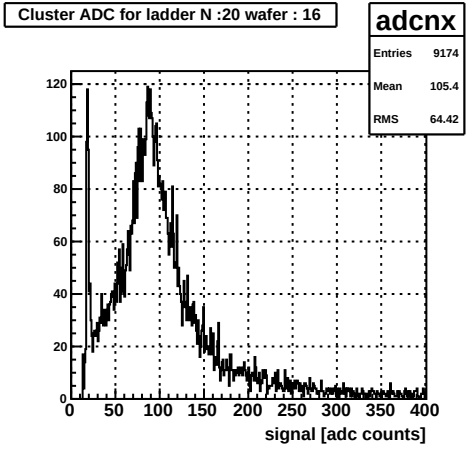

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 12698
Mean 76.55
RMS 61.81
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 10867
Mean 1.25
RMS 0.5598
size [# of strips]

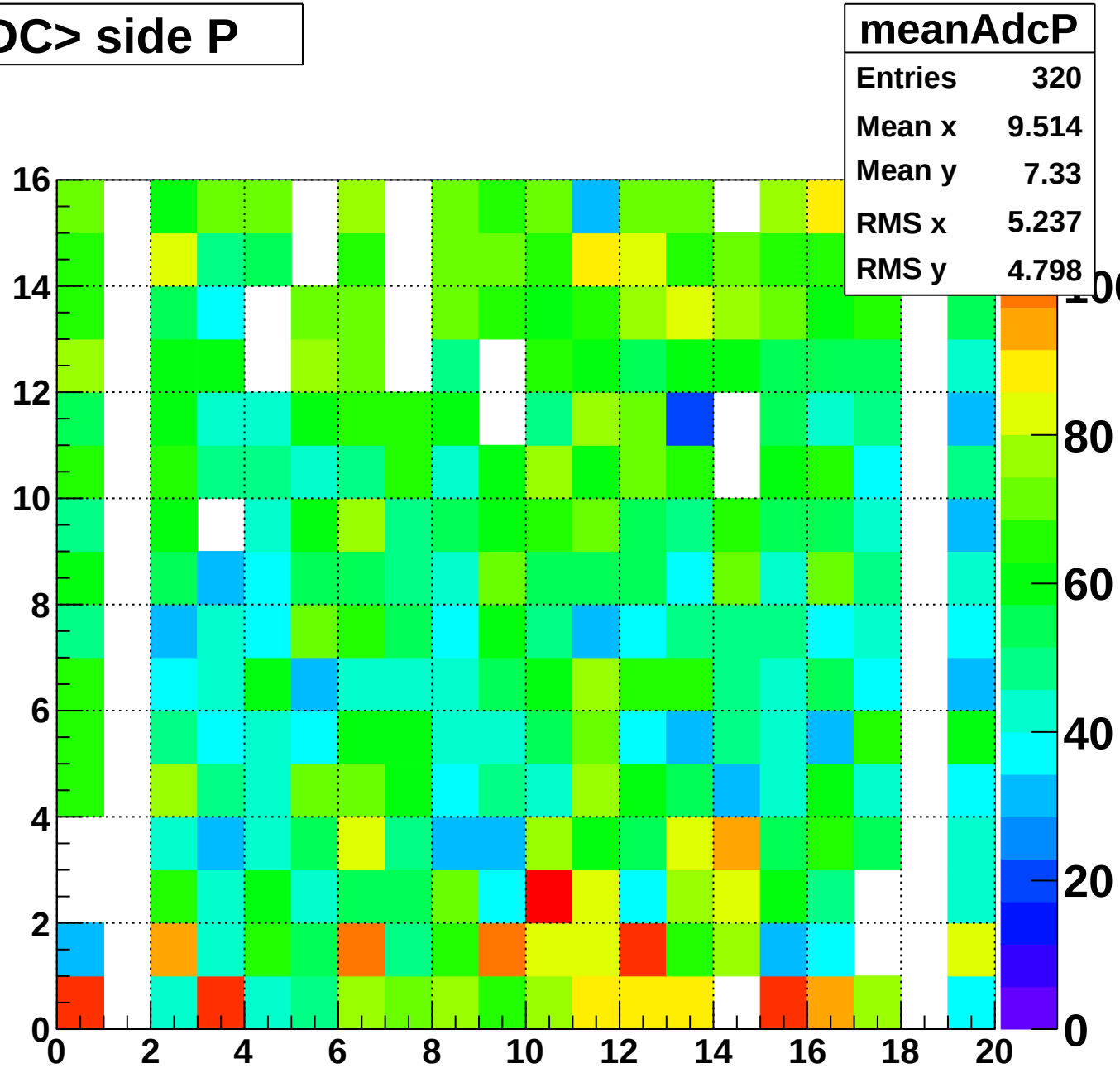

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 9174
Mean 1.694
RMS 0.8348
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2558
Mean x 112.9
Mean y 104.7
RMS x 65.02
RMS y 58.02
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 10867
Mean 58.53
RMS 51.76
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 9174
Mean 105.4
RMS 64.42
signal [adc counts]

<ADC> side P



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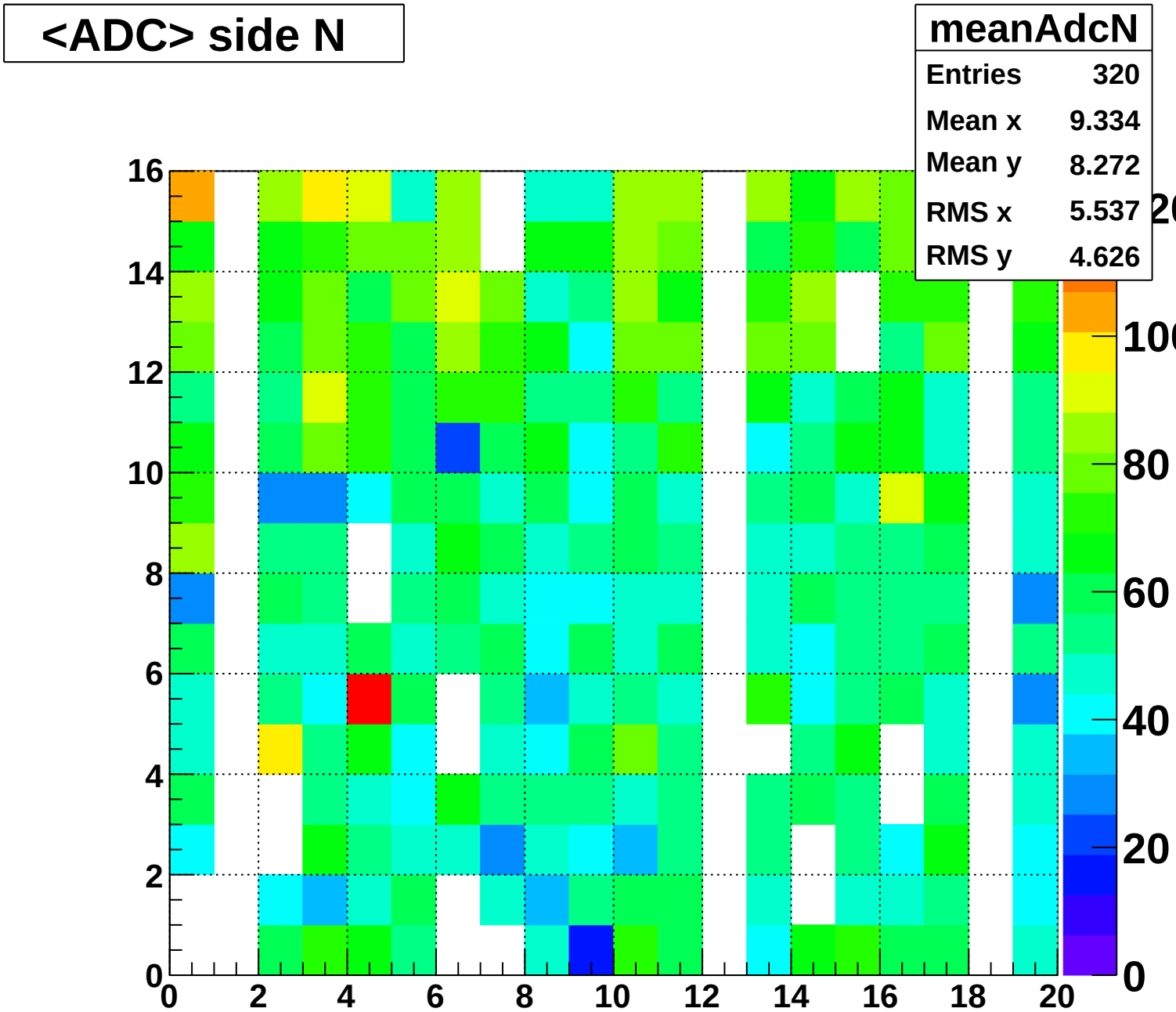

2016-06-21 18:53:06