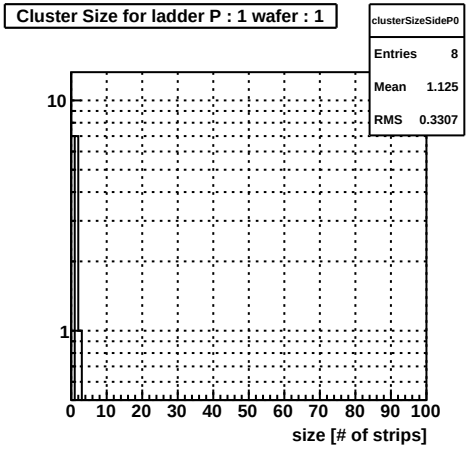
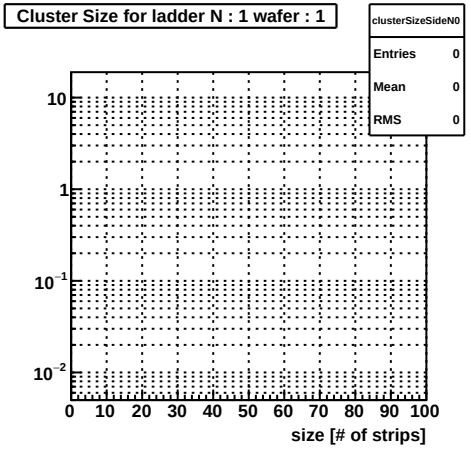
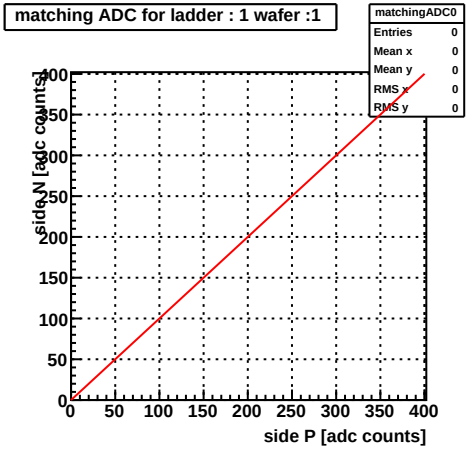
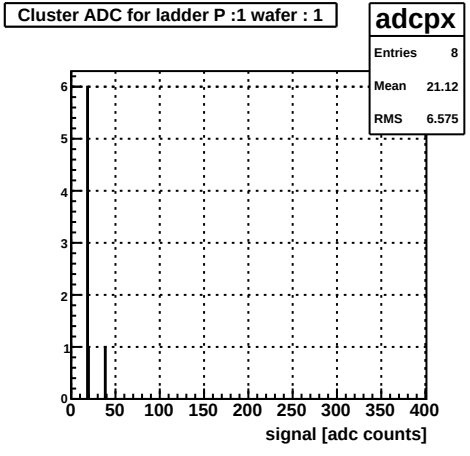
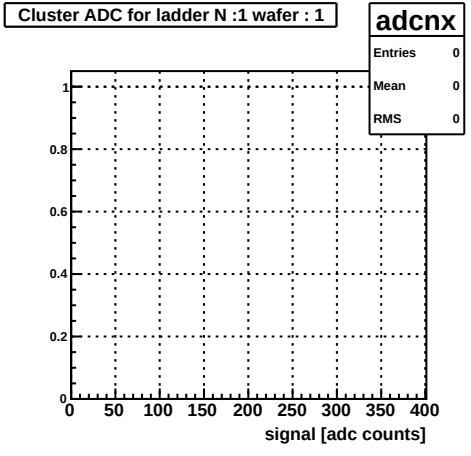
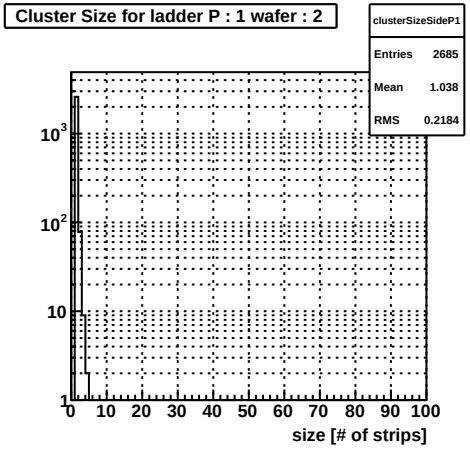

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

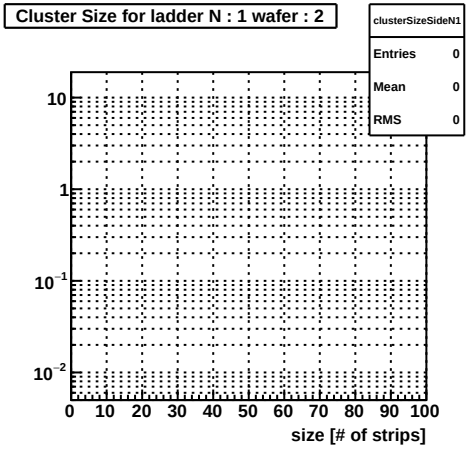

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

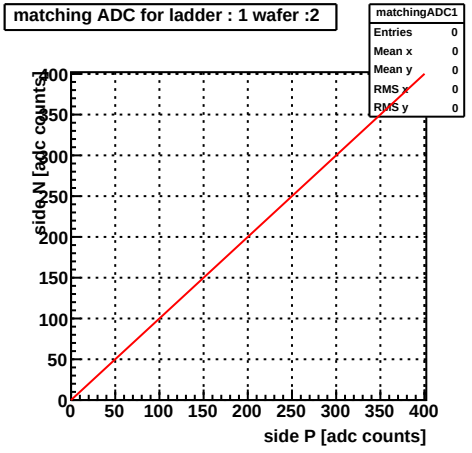

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

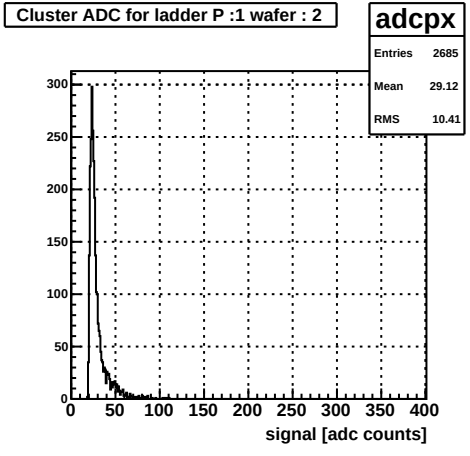

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8
Mean 21.12
RMS 6.575
signal [adc counts]

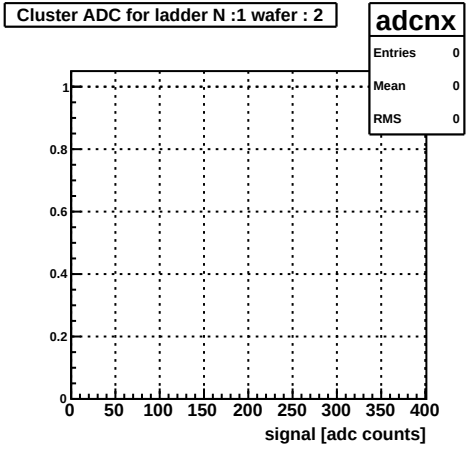

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

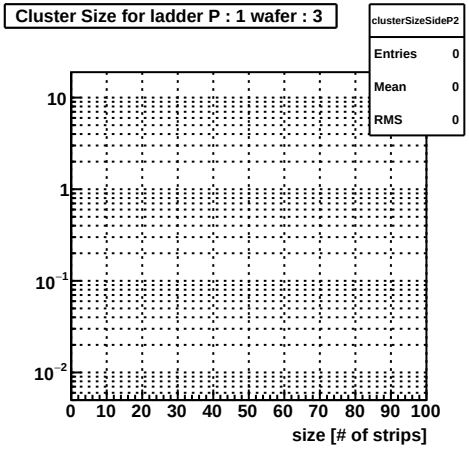

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2685
Mean 1.038
RMS 0.2184
size [# of strips]

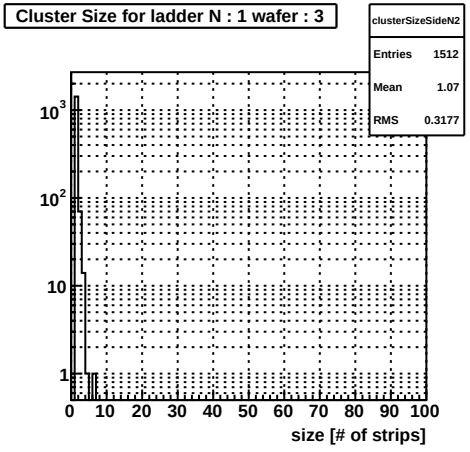

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

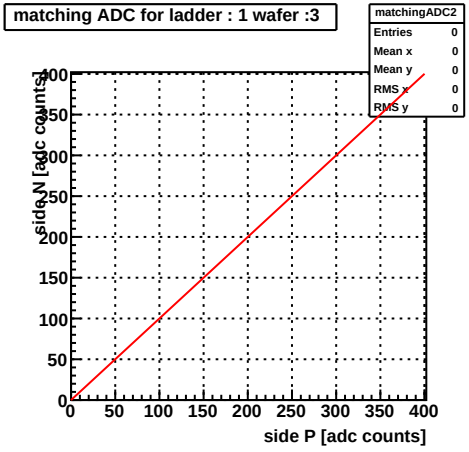

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

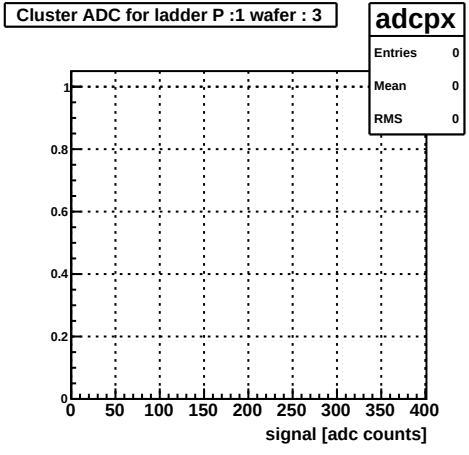

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2685
Mean 29.12
RMS 10.41
signal [adc counts]

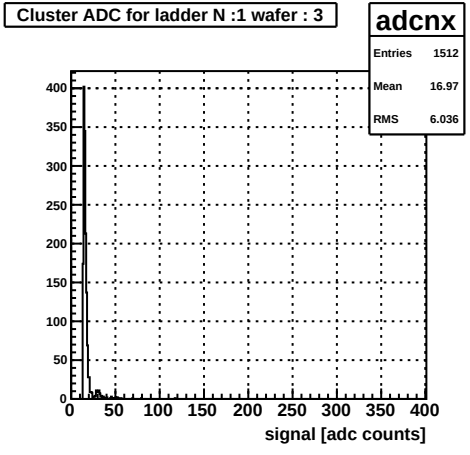

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

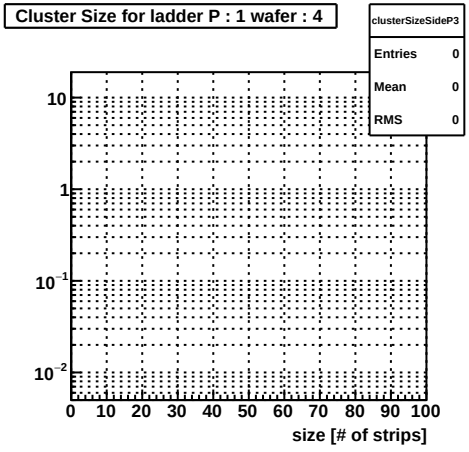

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

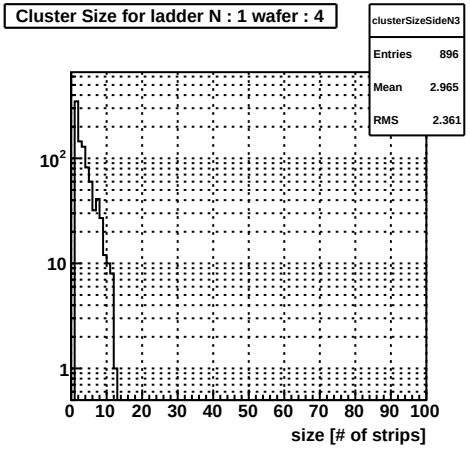

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 1512
Mean 1.07
RMS 0.3177
size [# of strips]

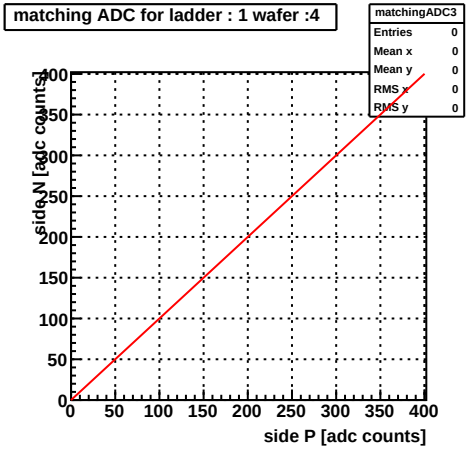

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

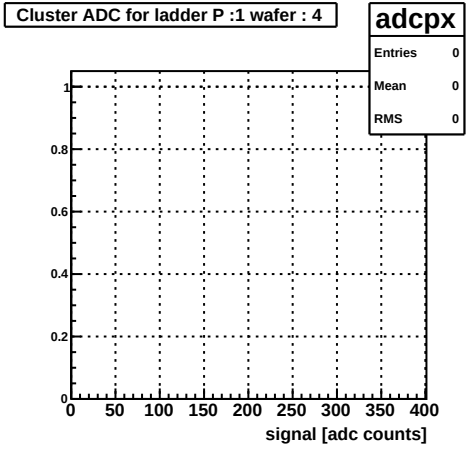

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

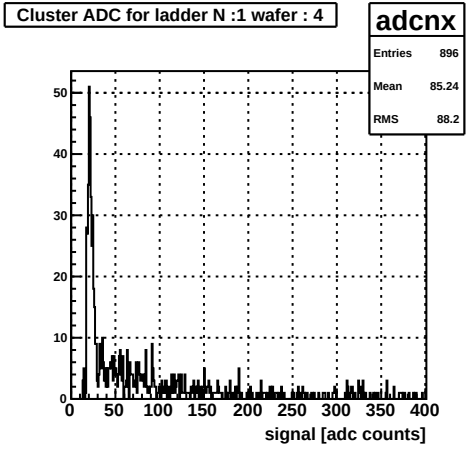

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 1512
Mean 16.97
RMS 6.036
signal [adc counts]

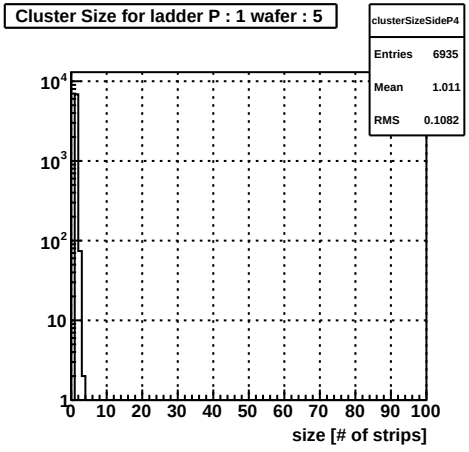

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

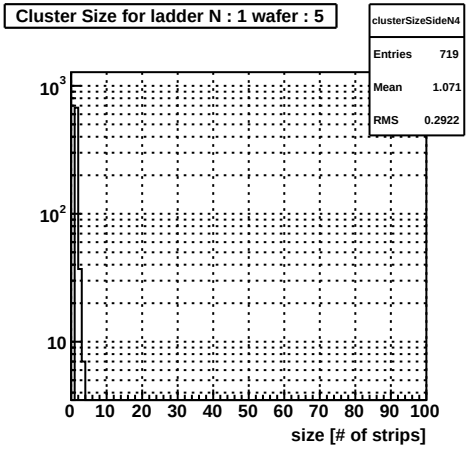

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 896
Mean 2.965
RMS 2.361
size [# of strips]

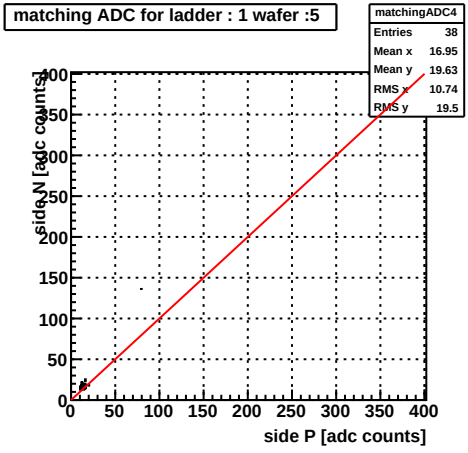

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

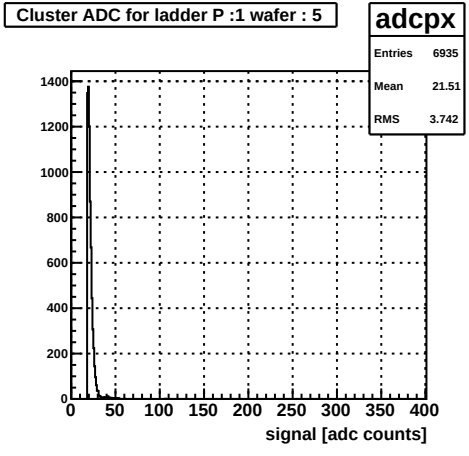

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

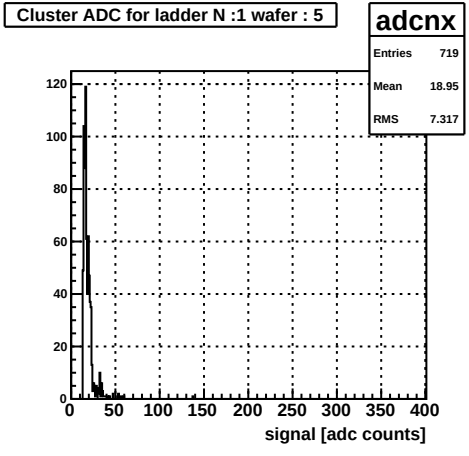

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 896
Mean 85.24
RMS 88.2
signal [adc counts]

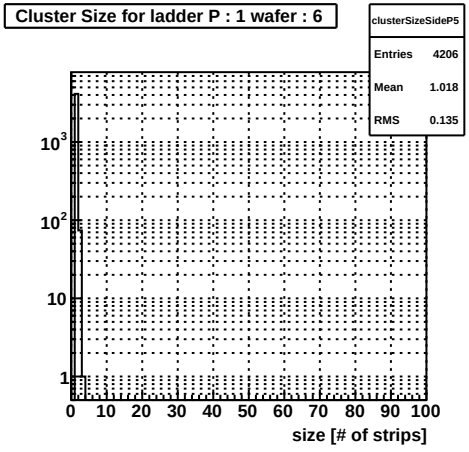

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6935
Mean 1.011
RMS 0.1082
size [# of strips]

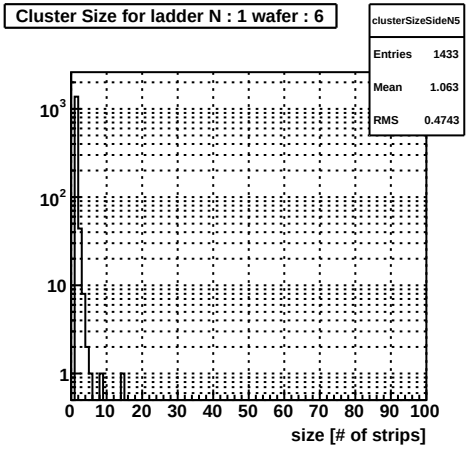

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 719
Mean 1.071
RMS 0.2922
size [# of strips]

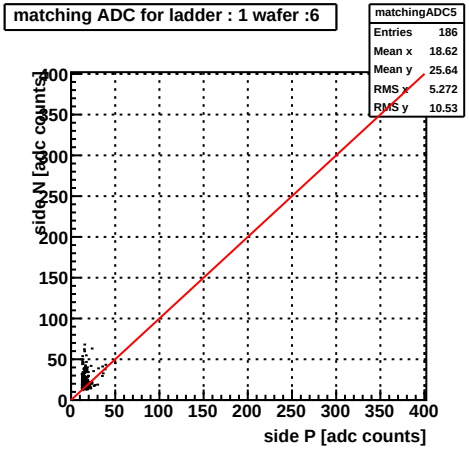

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 38
Mean x 16.95
Mean y 19.63
RMS x 10.74
RMS y 19.5
side N [adc counts]
side P [adc counts]

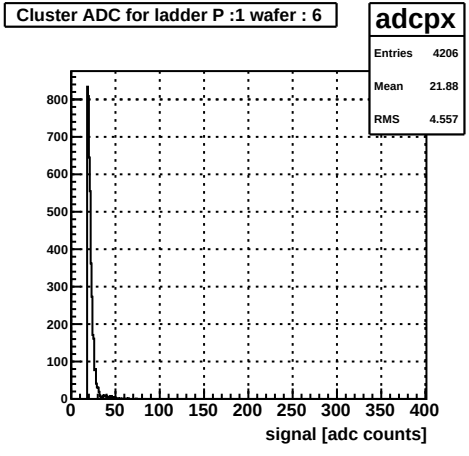

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6935
Mean 21.51
RMS 3.742
signal [adc counts]

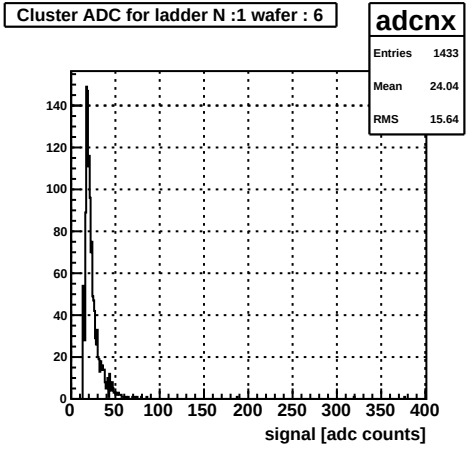

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 719
Mean 18.95
RMS 7.317
signal [adc counts]

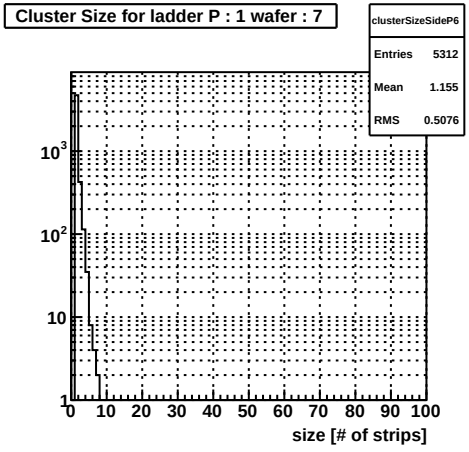

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4206
Mean 1.018
RMS 0.135
size [# of strips]

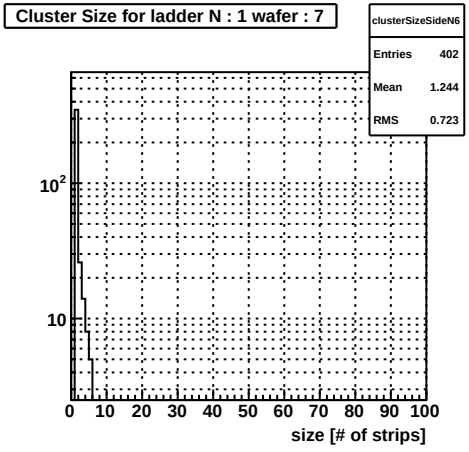

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 1433
Mean 1.063
RMS 0.4743
size [# of strips]

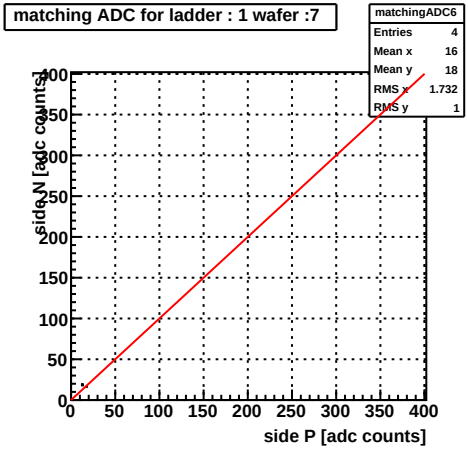

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 186
Mean x 18.62
Mean y 25.64
RMS x 5.272
RMS y 10.53
side N [adc counts]
side P [adc counts]

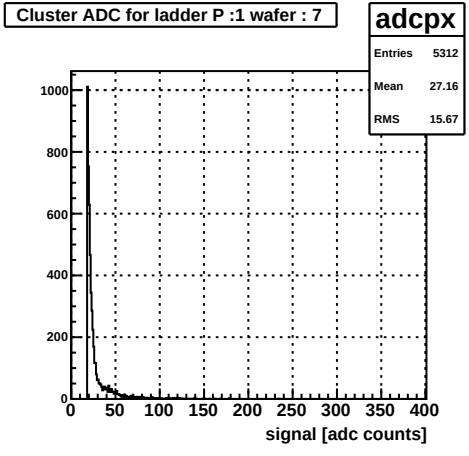

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4206
Mean 21.88
RMS 4.557
signal [adc counts]

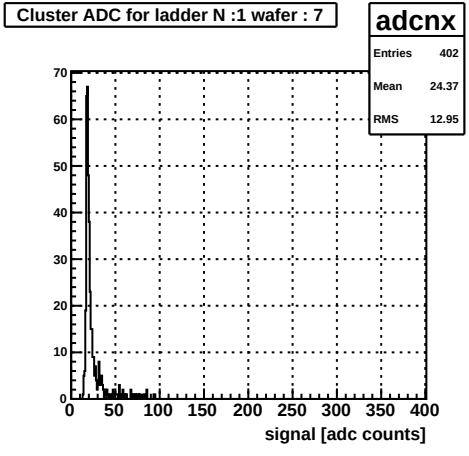

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 1433
Mean 24.04
RMS 15.64
signal [adc counts]

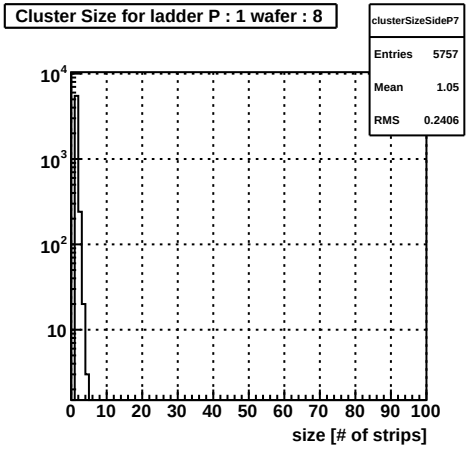

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 5312
Mean 1.155
RMS 0.5076
size [# of strips]

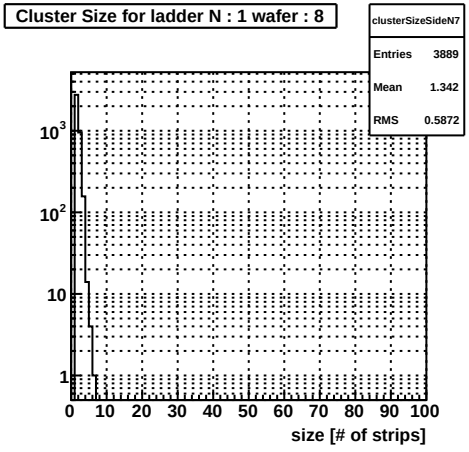

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 402
Mean 1.244
RMS 0.723
size [# of strips]

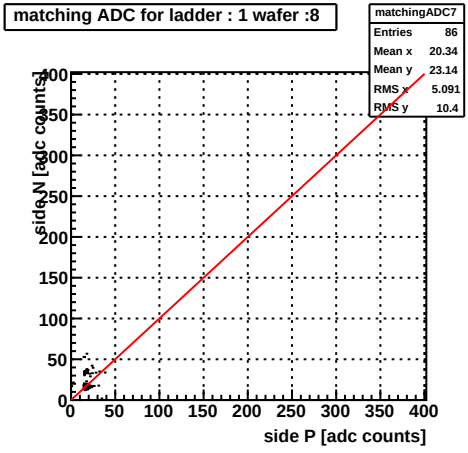

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 4
Mean x 16
Mean y 18
RMS x 1.732
RMS y 1
side N [adc counts]
side P [adc counts]

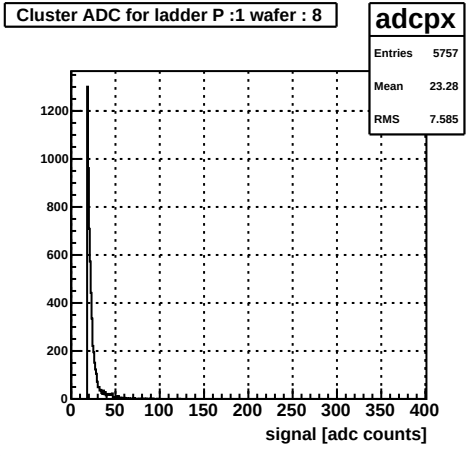

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 5312
Mean 27.16
RMS 15.67
signal [adc counts]

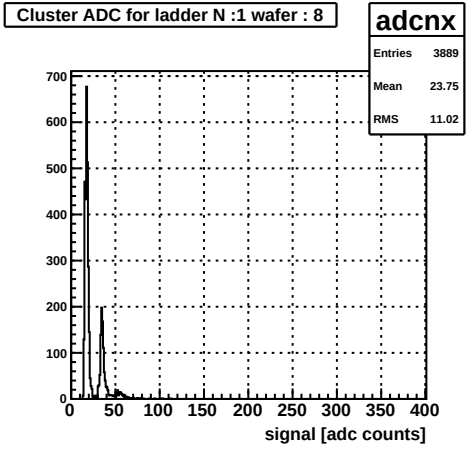

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 402
Mean 24.37
RMS 12.95
signal [adc counts]

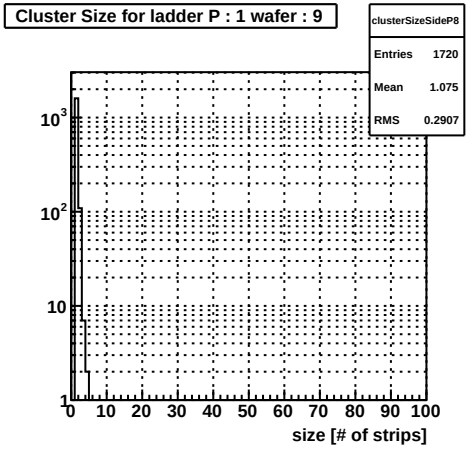

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5757
Mean 1.05
RMS 0.2406
size [# of strips]

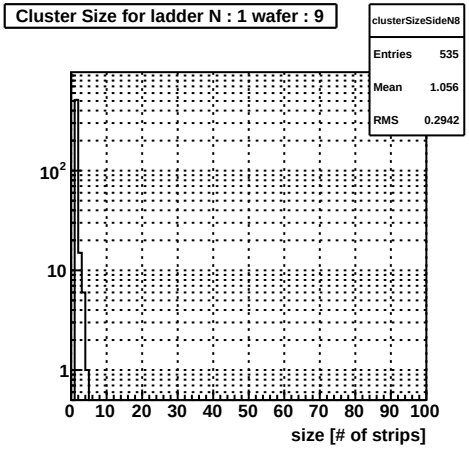

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3889
Mean 1.342
RMS 0.5872
size [# of strips]

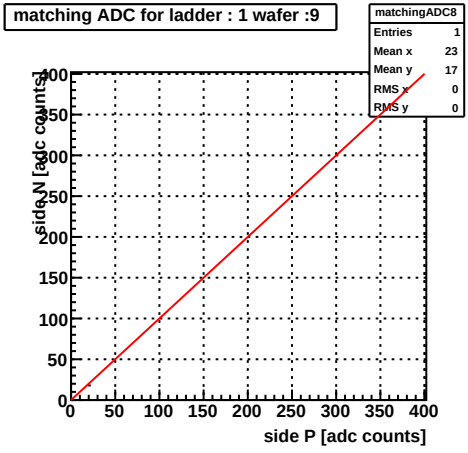

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 86
Mean x 20.34
Mean y 23.14
RMS x 5.091
RMS y 10.4
side N [adc counts]
side P [adc counts]

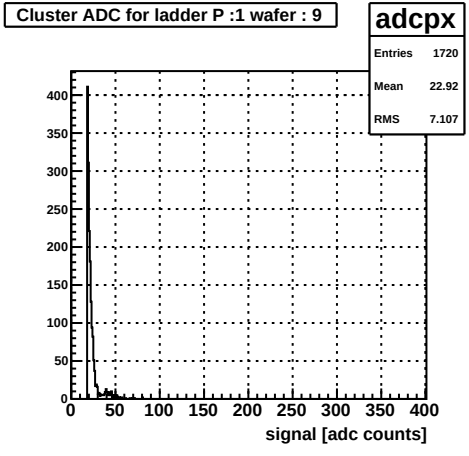

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5757
Mean 23.28
RMS 7.585
signal [adc counts]

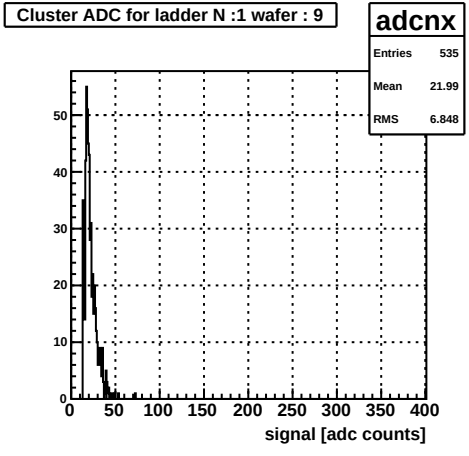

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3889
Mean 23.75
RMS 11.02
signal [adc counts]

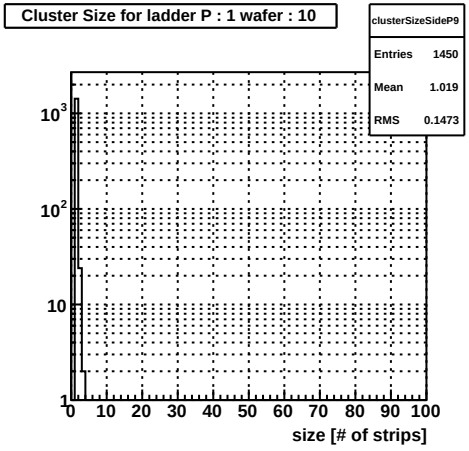

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 1720
Mean 1.075
RMS 0.2907
size [# of strips]

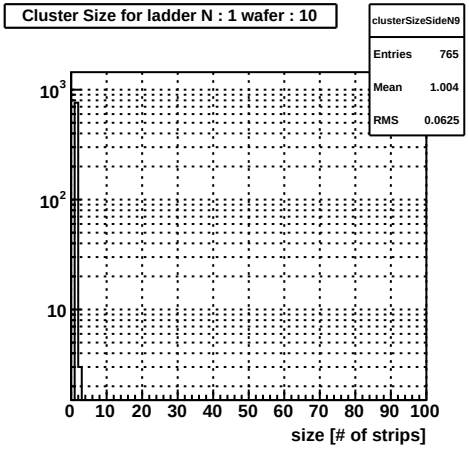

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 535
Mean 1.056
RMS 0.2942
size [# of strips]

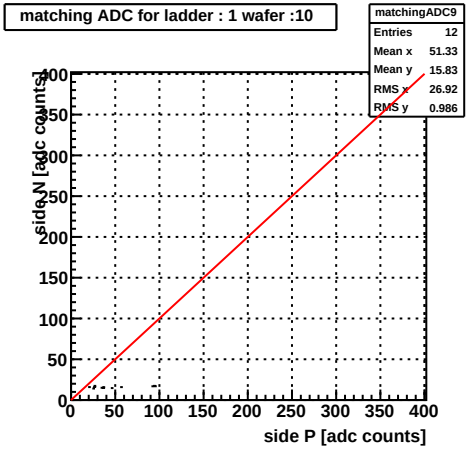

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

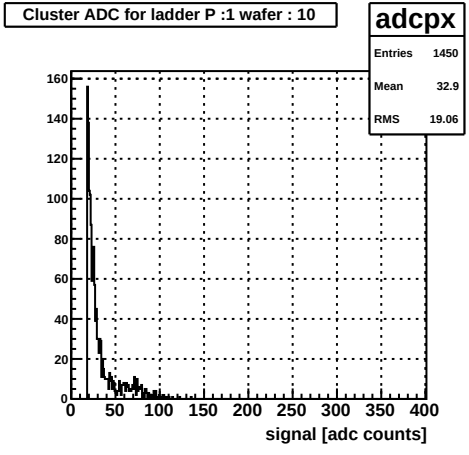

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 1720
Mean 22.92
RMS 7.107
signal [adc counts]

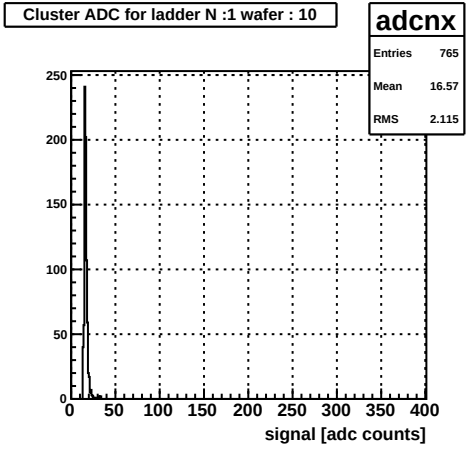

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 535
Mean 21.99
RMS 6.848
signal [adc counts]

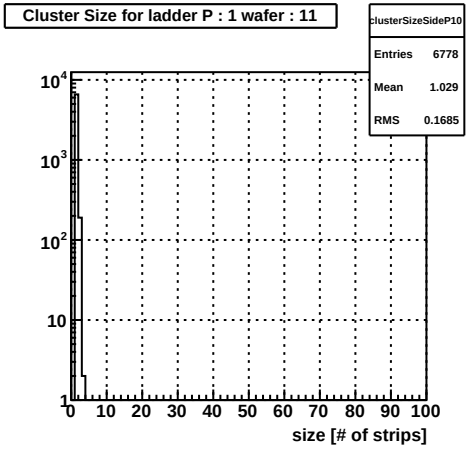

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1450
Mean 1.019
RMS 0.1473
size [# of strips]

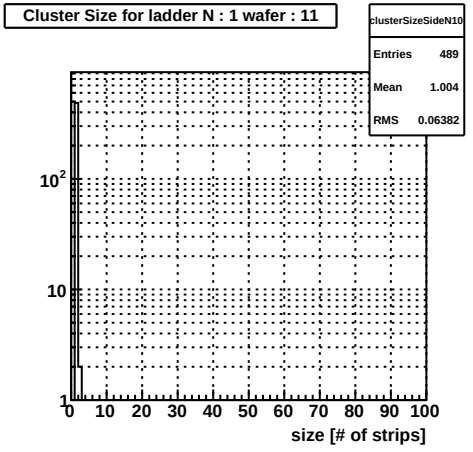

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 765
Mean 1.004
RMS 0.0625
size [# of strips]

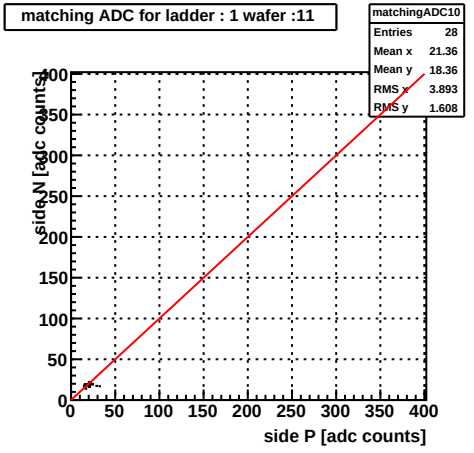

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 12
Mean x 51.33
Mean y 15.83
RMS x 26.92
RMS y 0.986
side N [adc counts]
side P [adc counts]

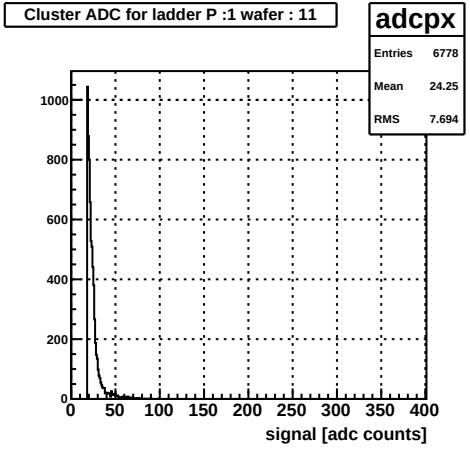

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1450
Mean 32.9
RMS 19.06
signal [adc counts]

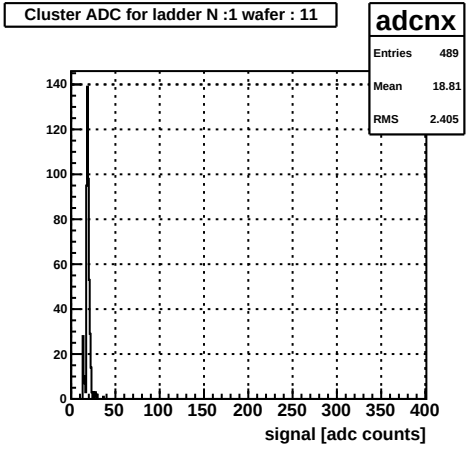

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 765
Mean 16.57
RMS 2.115
signal [adc counts]

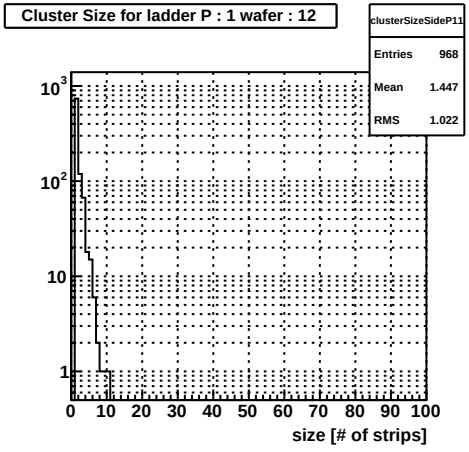

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6778
Mean 1.029
RMS 0.1685
size [# of strips]

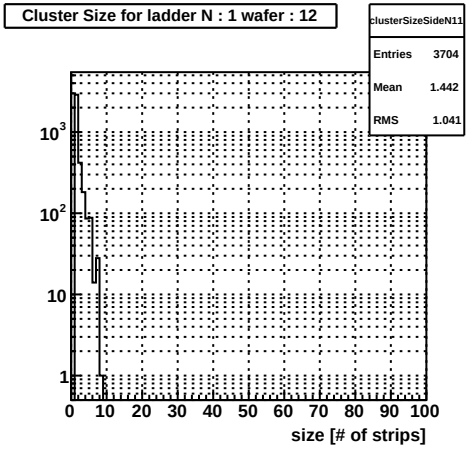

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 489
Mean 1.004
RMS 0.06382
size [# of strips]

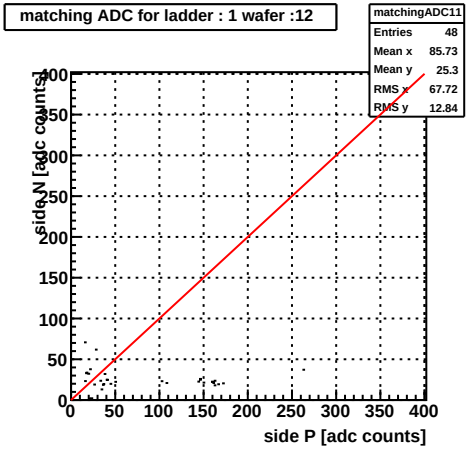

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 28
Mean x 21.36
Mean y 18.36
RMS x 3.893
RMS y 1.608
side N [adc counts]
side P [adc counts]

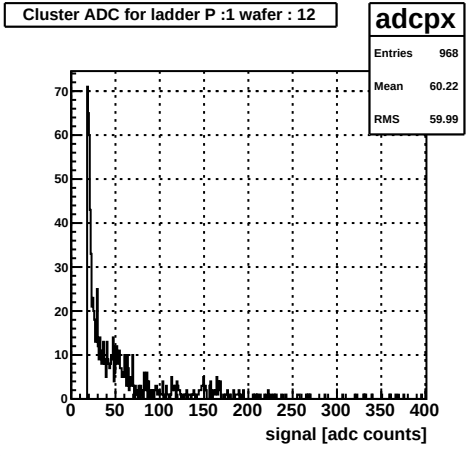

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6778
Mean 24.25
RMS 7.694
signal [adc counts]

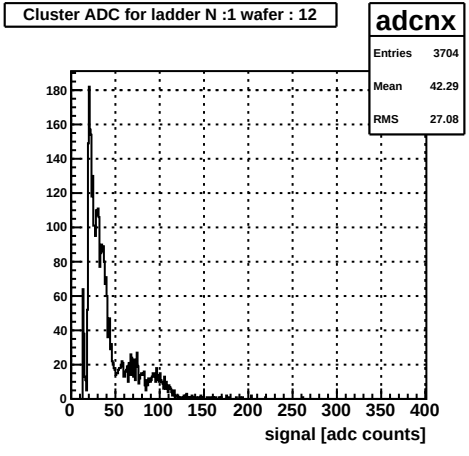

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 489
Mean 18.81
RMS 2.405
signal [adc counts]

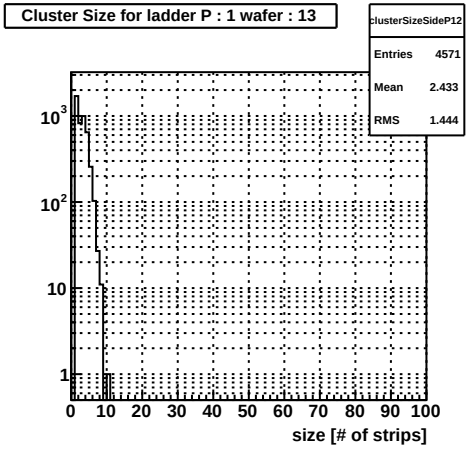

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 968
Mean 1.447
RMS 1.022
size [# of strips]

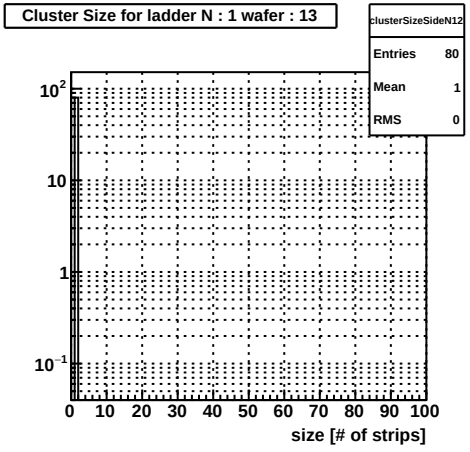

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3704
Mean 1.442
RMS 1.041
size [# of strips]

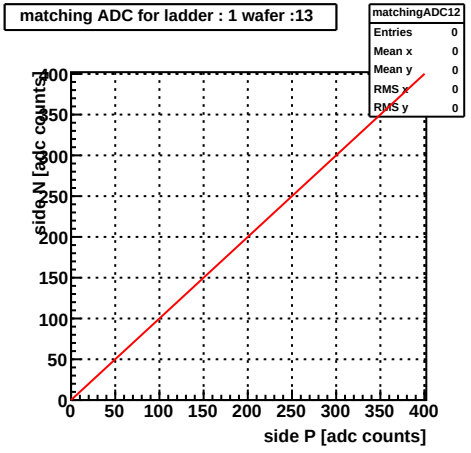

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 48
Mean x 85.73
Mean y 25.3
RMS x 67.72
RMS y 12.84
side N [adc counts]
side P [adc counts]

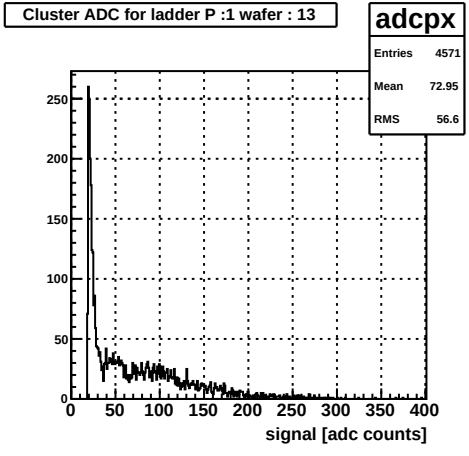

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 968
Mean 60.22
RMS 59.99
signal [adc counts]

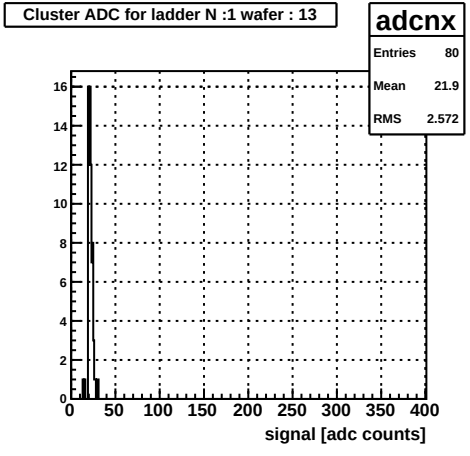

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3704
Mean 42.29
RMS 27.08
signal [adc counts]

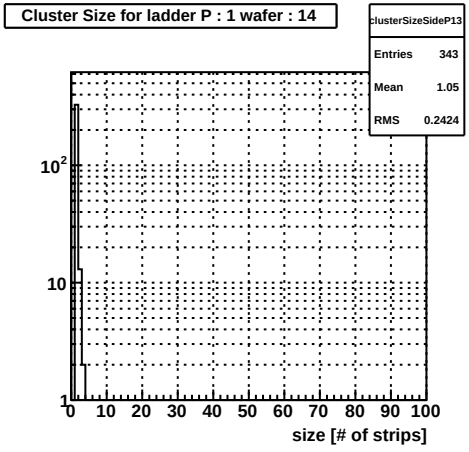

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4571
Mean 2.433
RMS 1.444
size [# of strips]

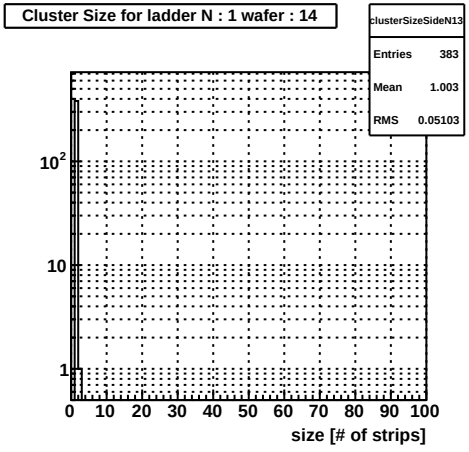

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 80
Mean 1
RMS 0
size [# of strips]

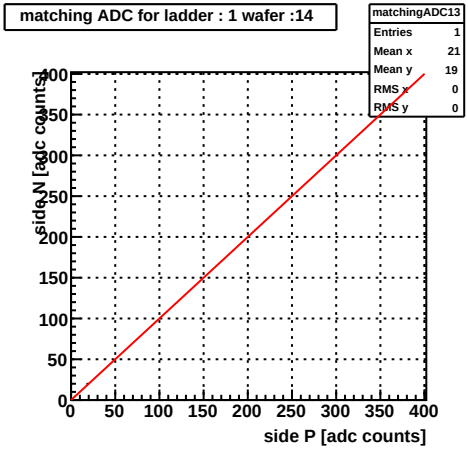

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

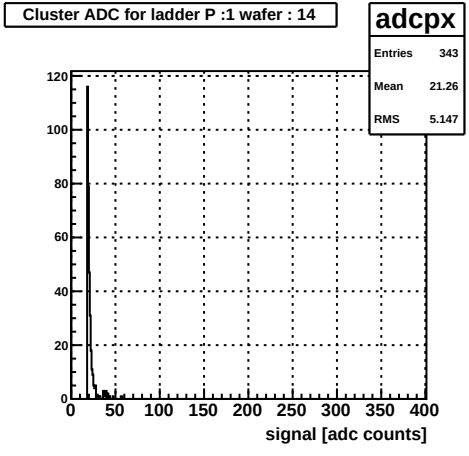

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4571
Mean 72.95
RMS 56.6
signal [adc counts]

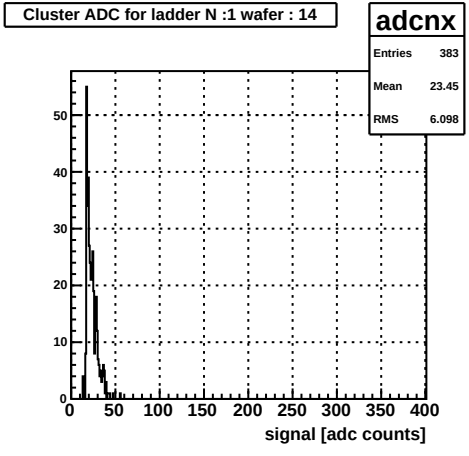

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 80
Mean 21.9
RMS 2.572
signal [adc counts]

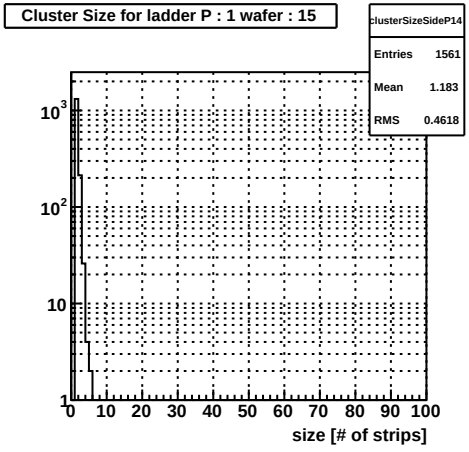

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 343
Mean 1.05
RMS 0.2424
size [# of strips]

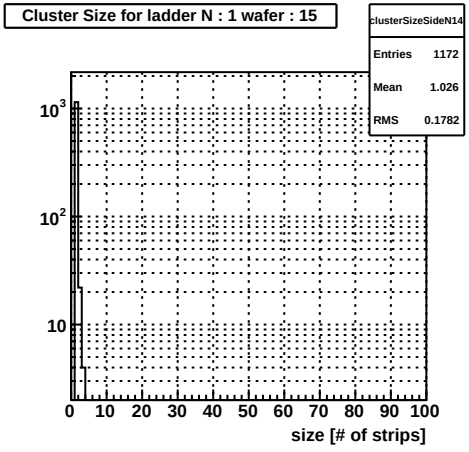

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 383
Mean 1.003
RMS 0.05103
size [# of strips]

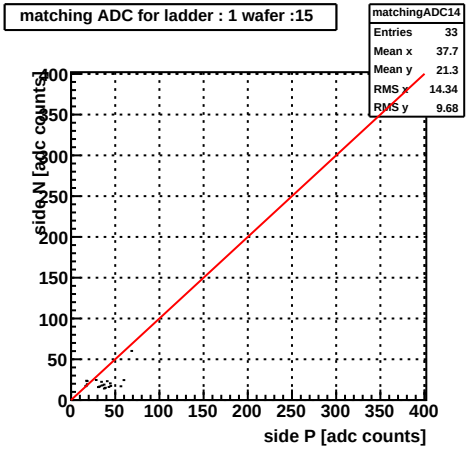

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1
Mean x 21
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

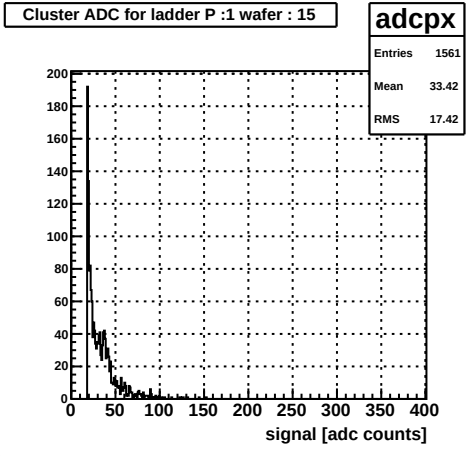

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 343
Mean 21.26
RMS 5.147
signal [adc counts]

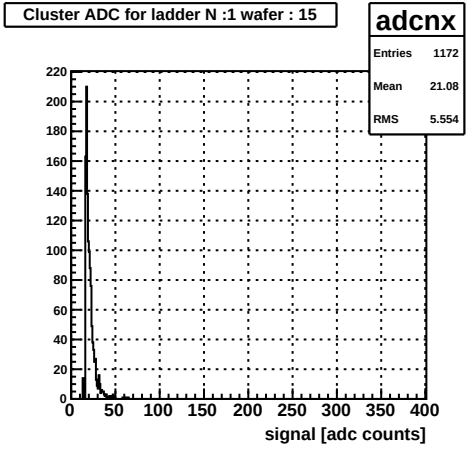

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 383
Mean 23.45
RMS 6.098
signal [adc counts]

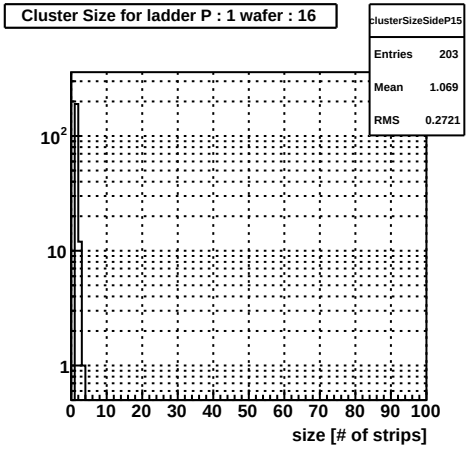

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1561
Mean 1.183
RMS 0.4618
size [# of strips]

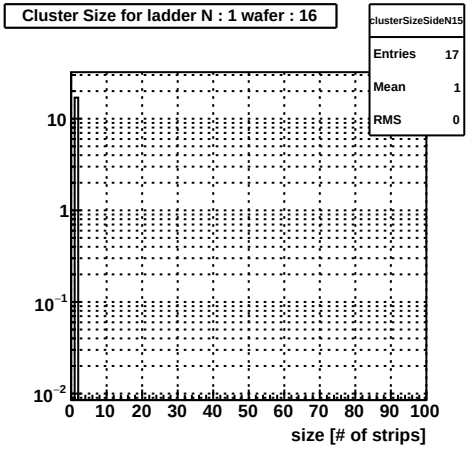

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 1172
Mean 1.026
RMS 0.1782
size [# of strips]

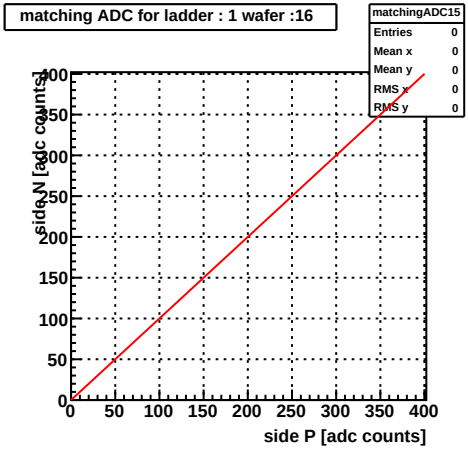

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 33
Mean x 37.7
Mean y 21.3
RMS x 14.34
RMS y 9.68
side N [adc counts]
side P [adc counts]

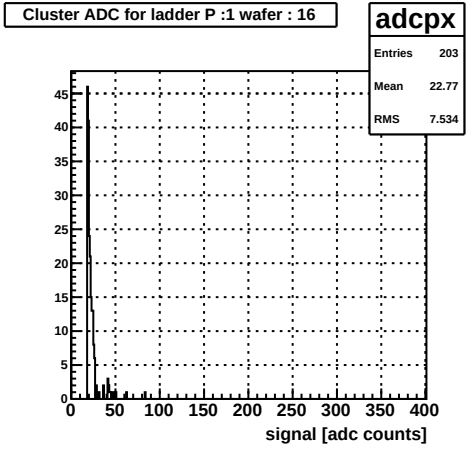

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1561
Mean 33.42
RMS 17.42
signal [adc counts]

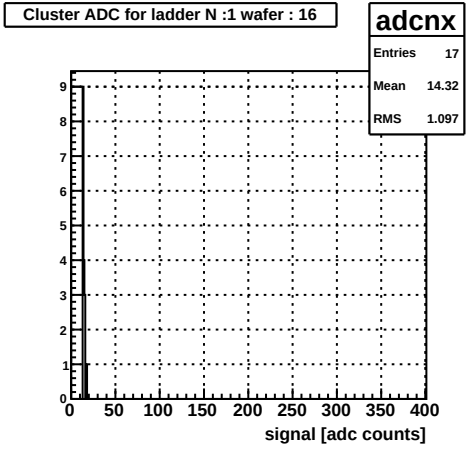

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 1172
Mean 21.08
RMS 5.554
signal [adc counts]

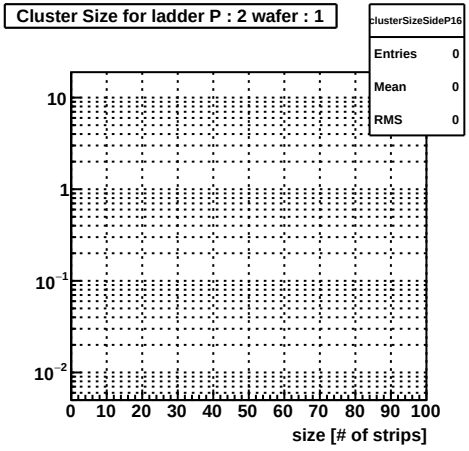

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 203
Mean 1.069
RMS 0.2721
size [# of strips]

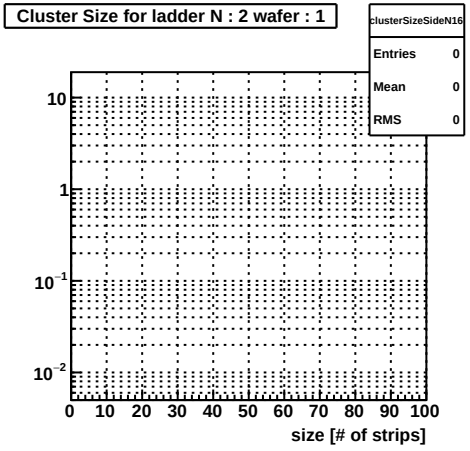

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 17
Mean 1
RMS 0
size [# of strips]

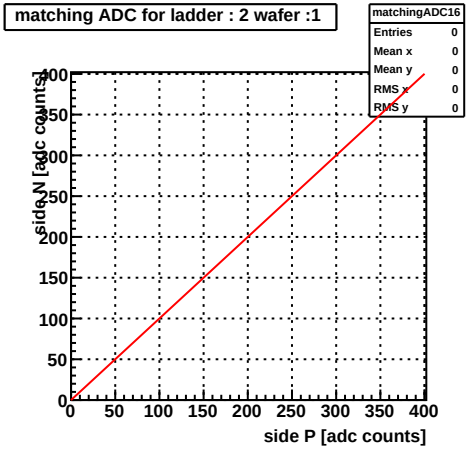

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

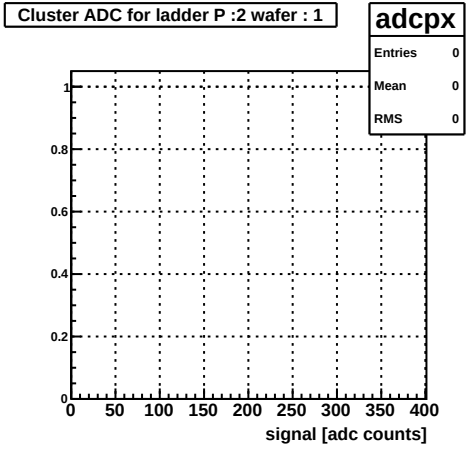

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 203
Mean 22.77
RMS 7.534
signal [adc counts]

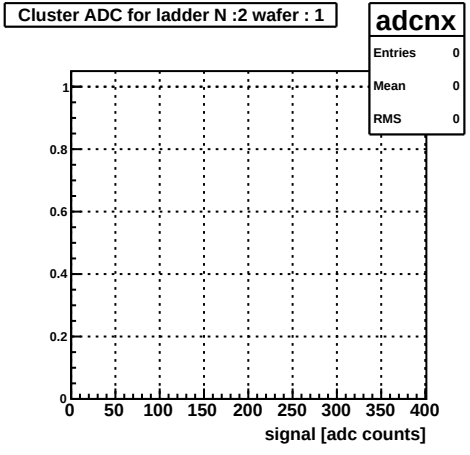

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 17
Mean 14.32
RMS 1.097
signal [adc counts]

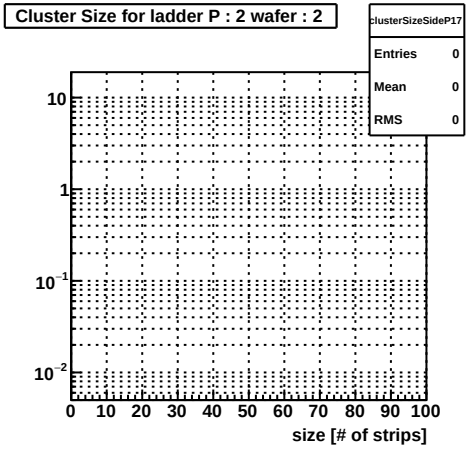

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

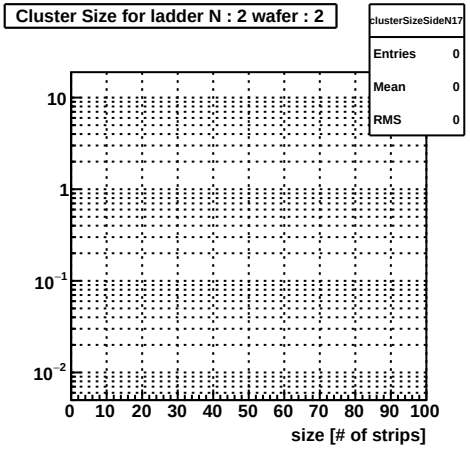

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

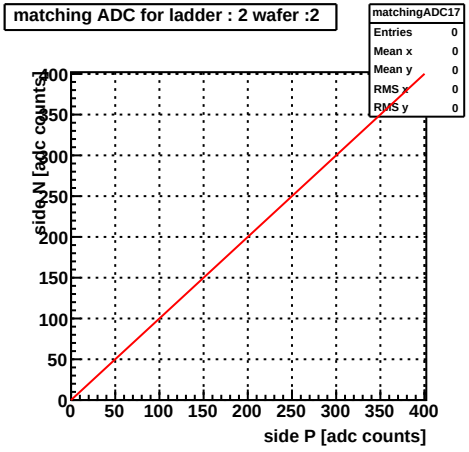

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

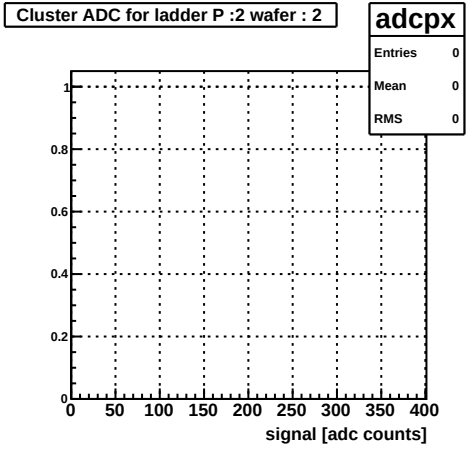

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

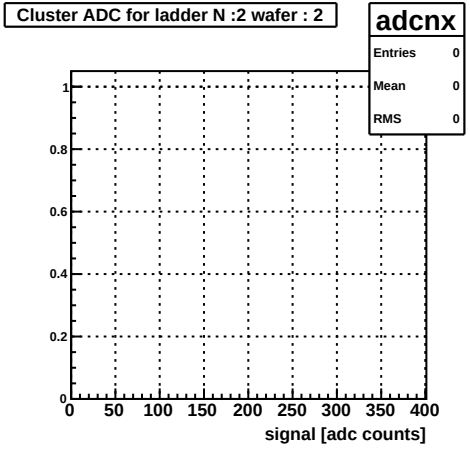

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

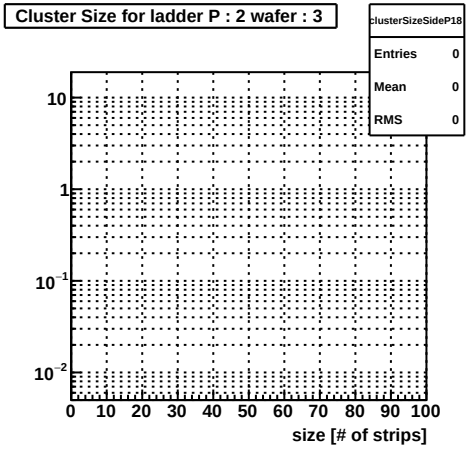

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

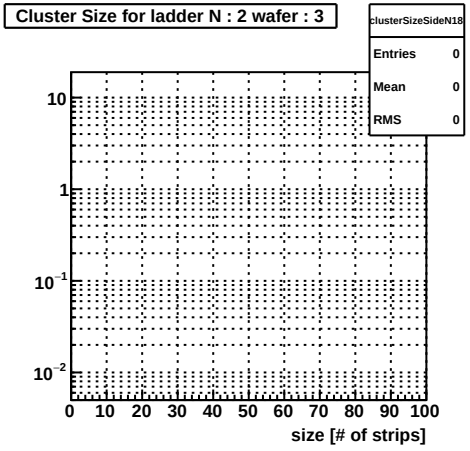

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

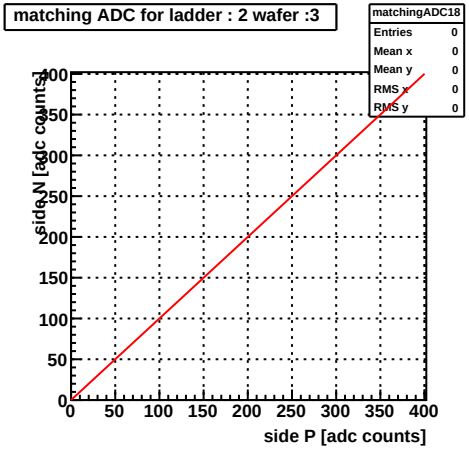

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

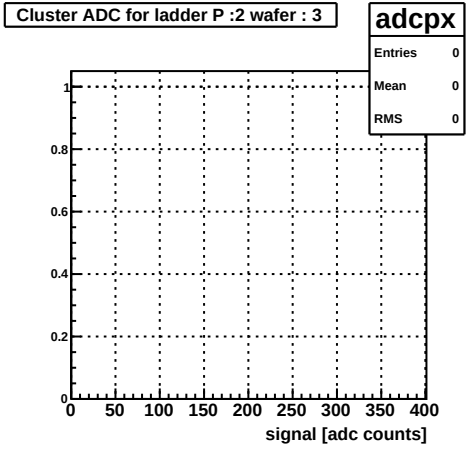

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

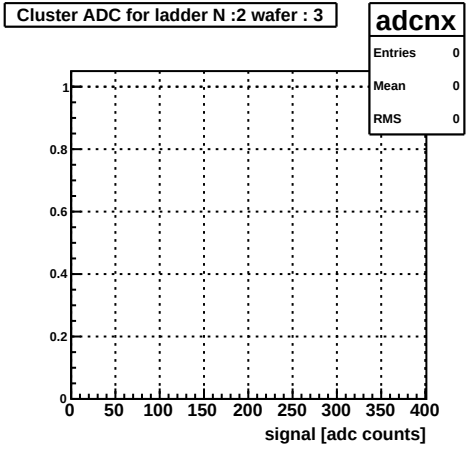

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

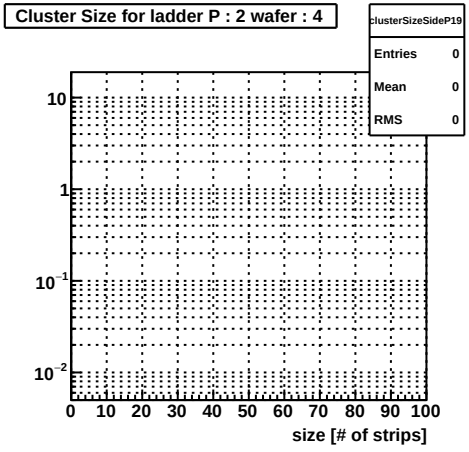

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

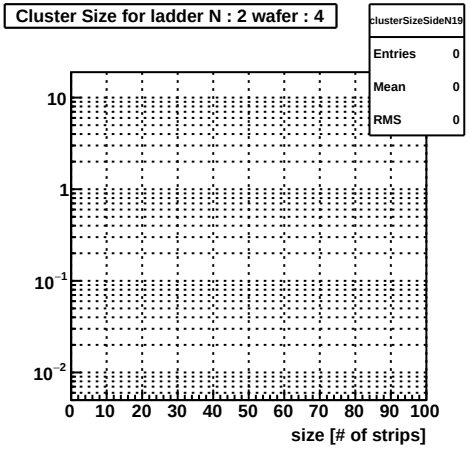

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

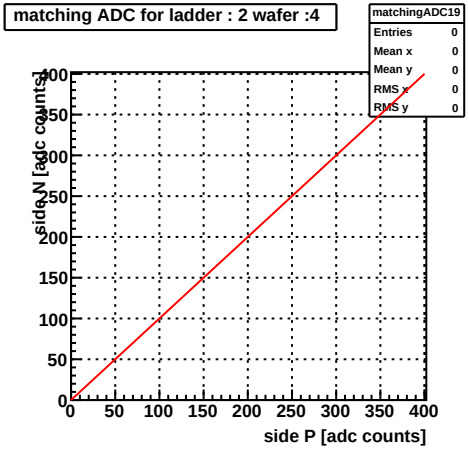

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

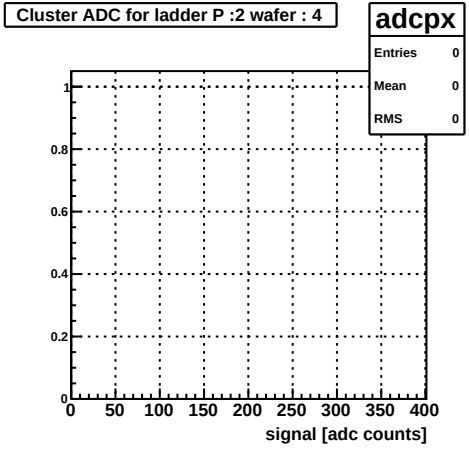

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

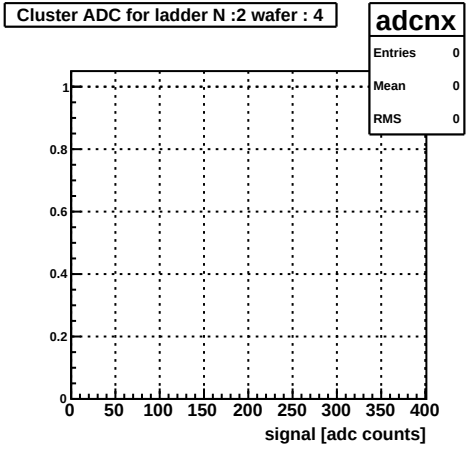

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

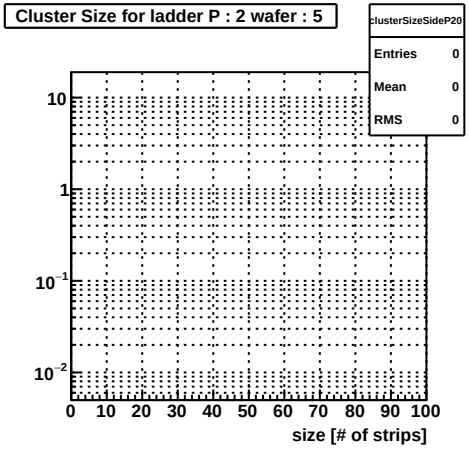

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

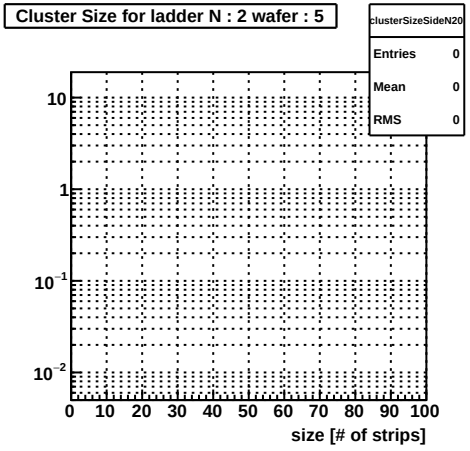

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

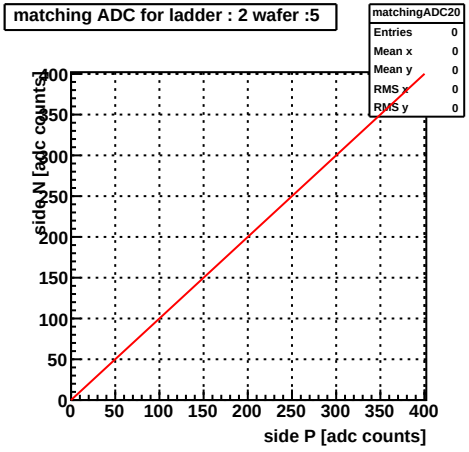

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

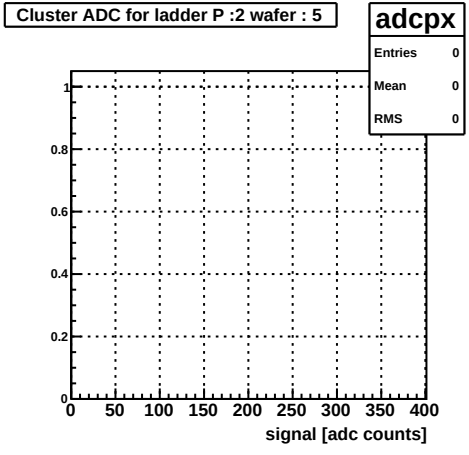

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

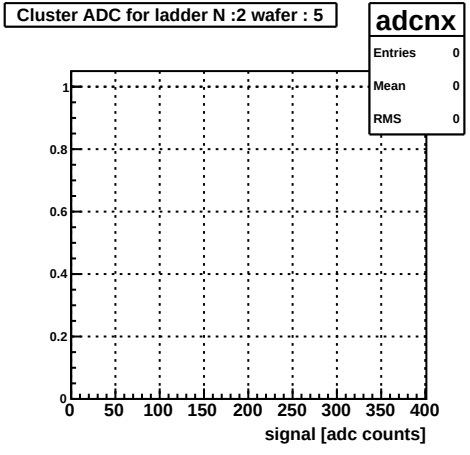

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

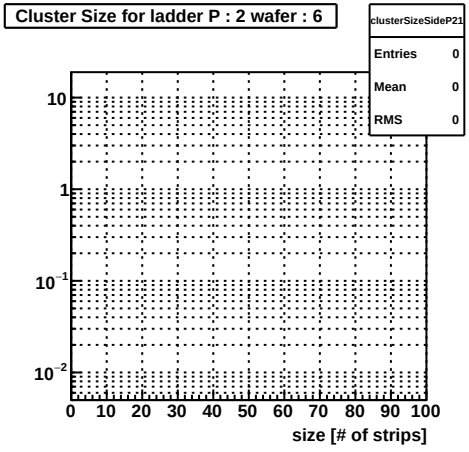

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

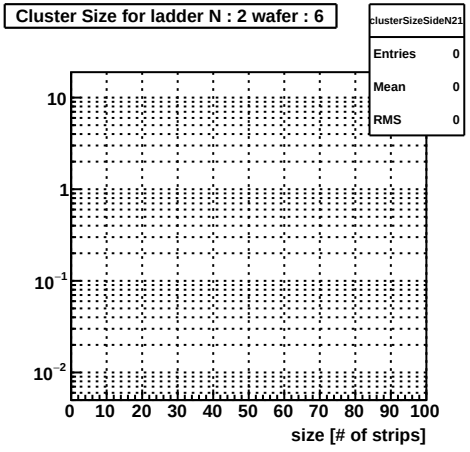

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

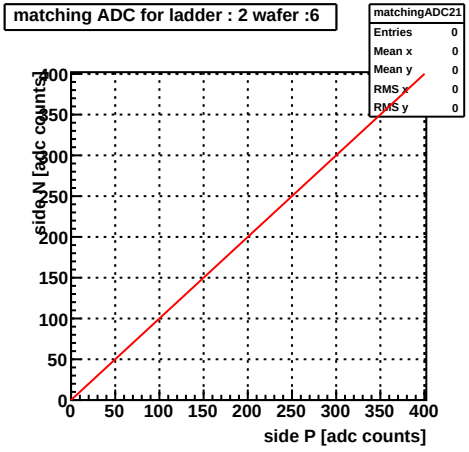

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

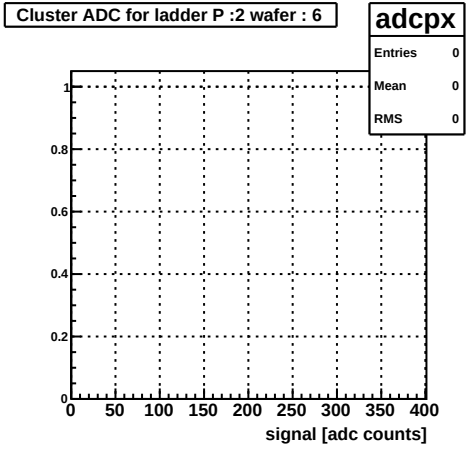

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

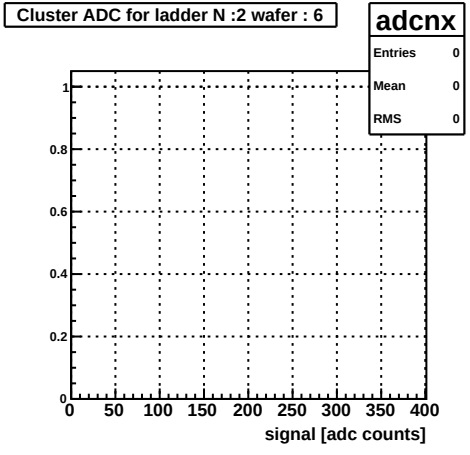

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

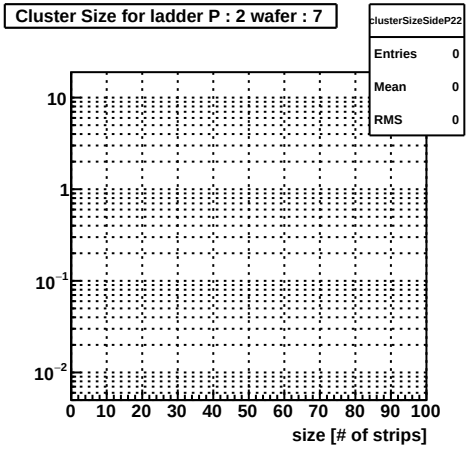

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

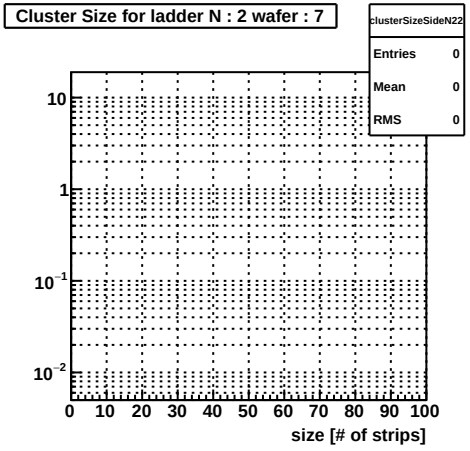

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

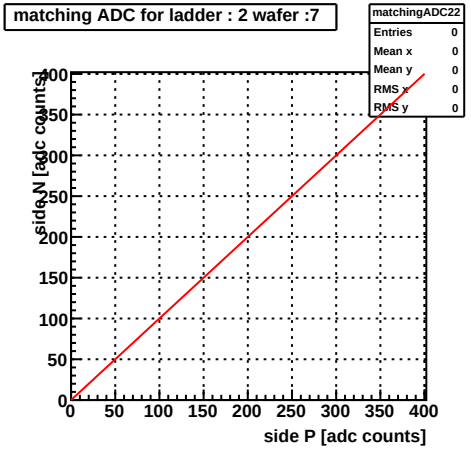

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

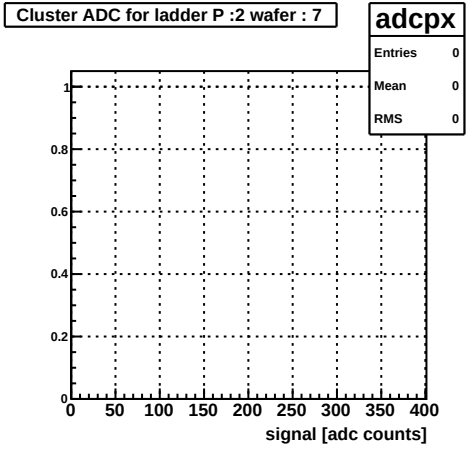

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

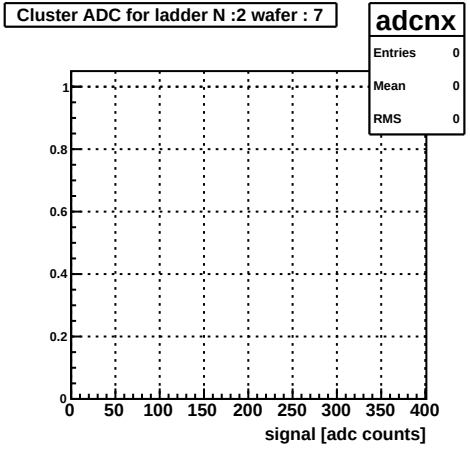

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

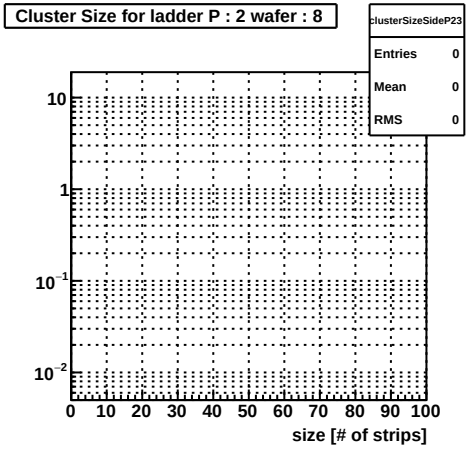

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

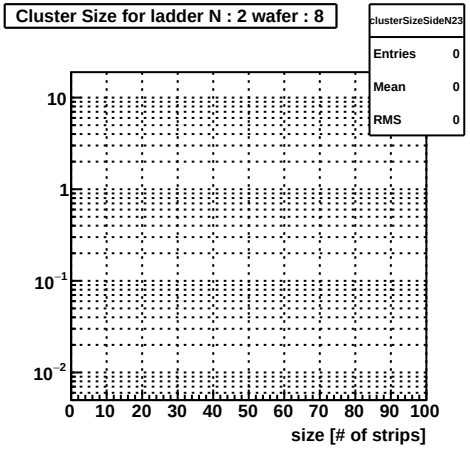

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

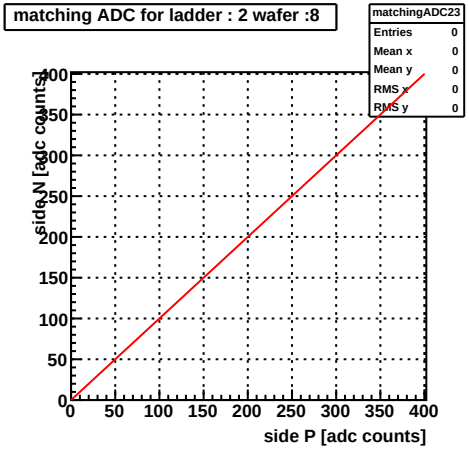

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

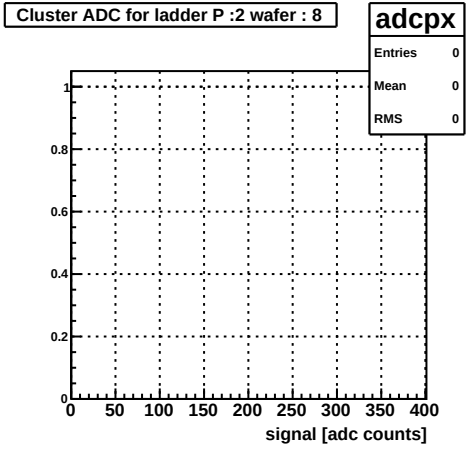

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

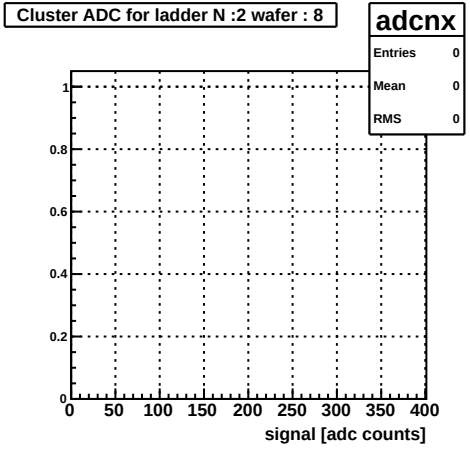

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

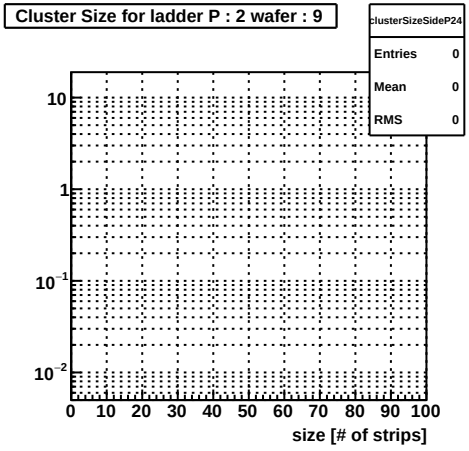

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

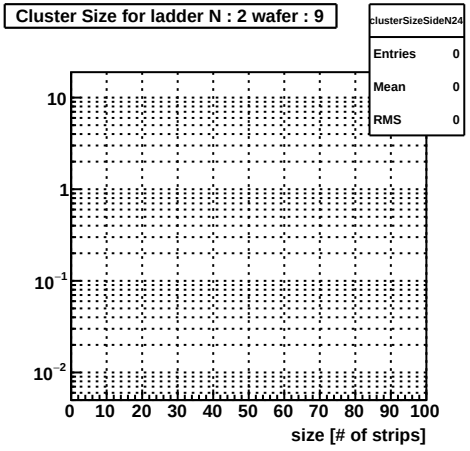

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

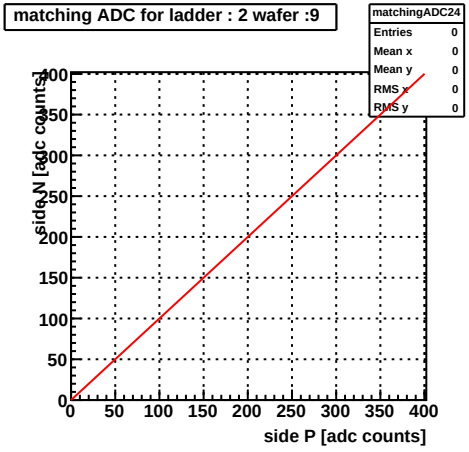

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

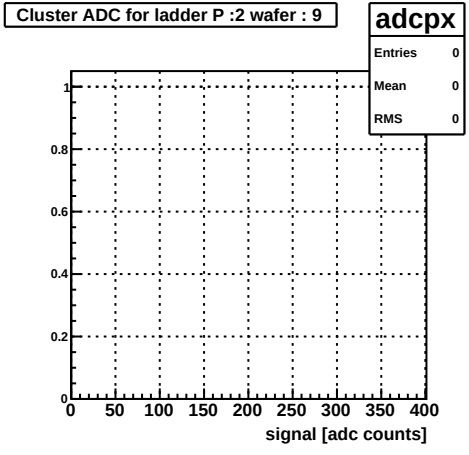

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

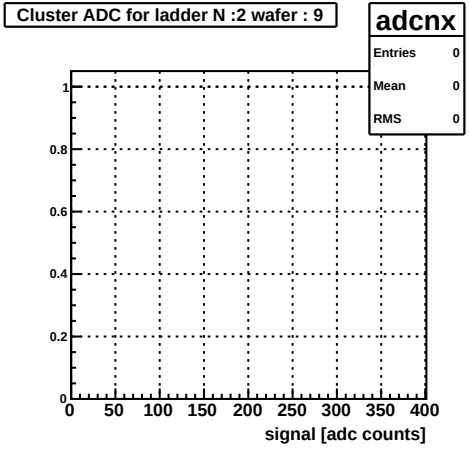

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

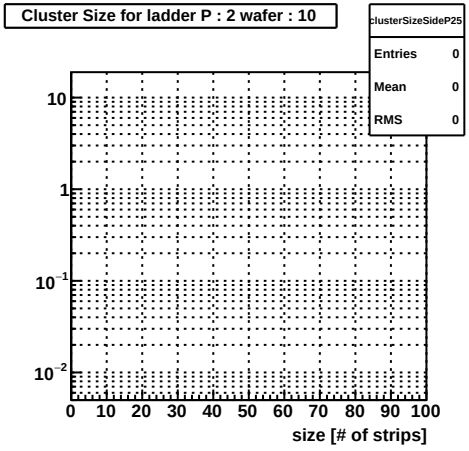

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

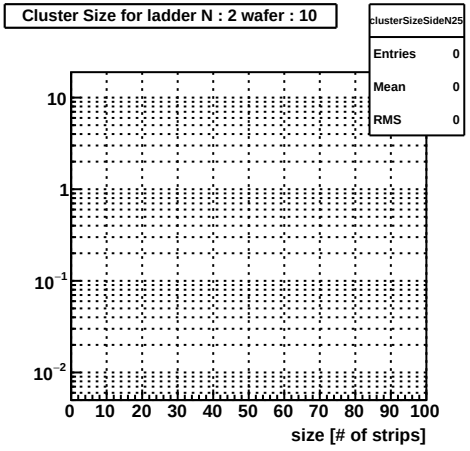

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

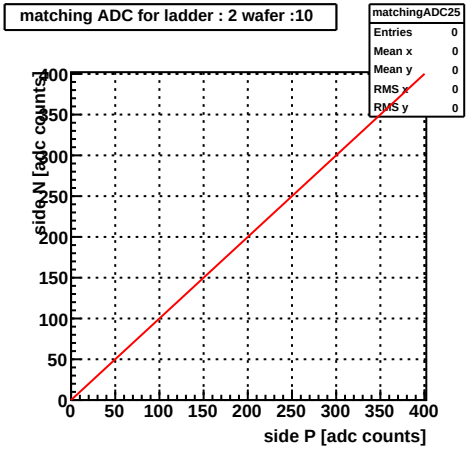

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

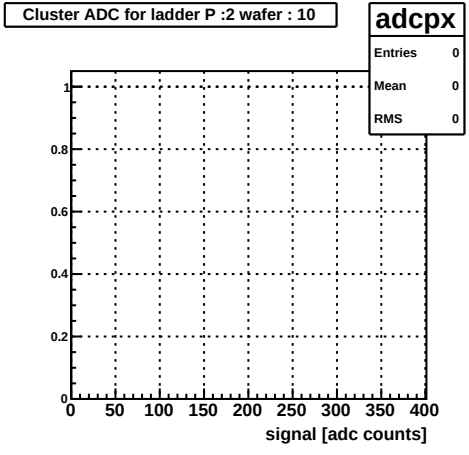

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

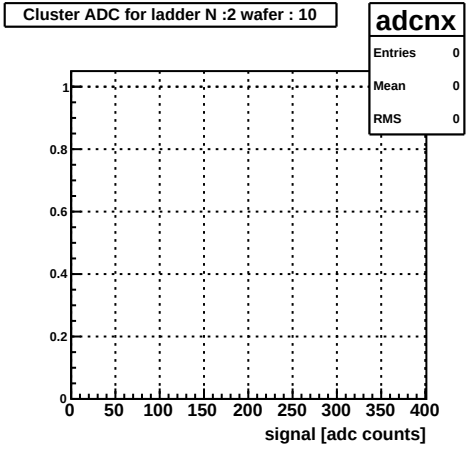

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

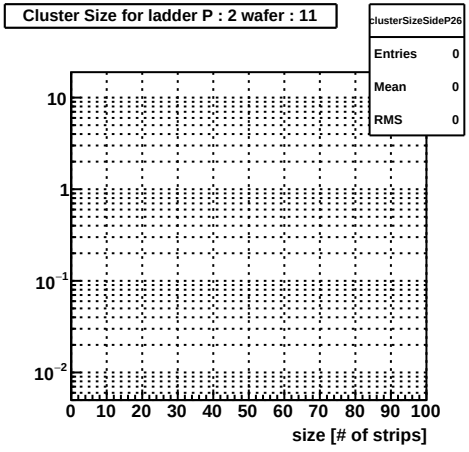

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

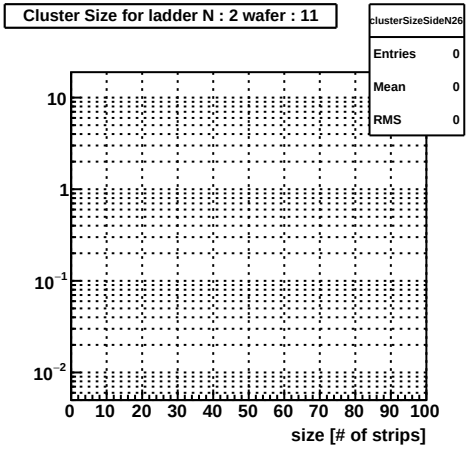

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

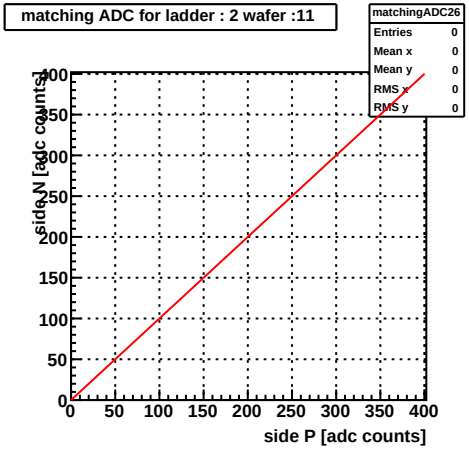

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

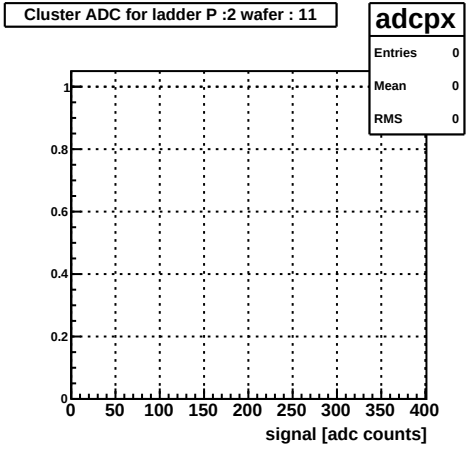

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

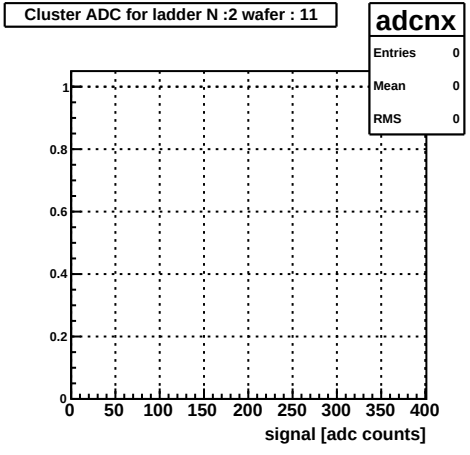

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

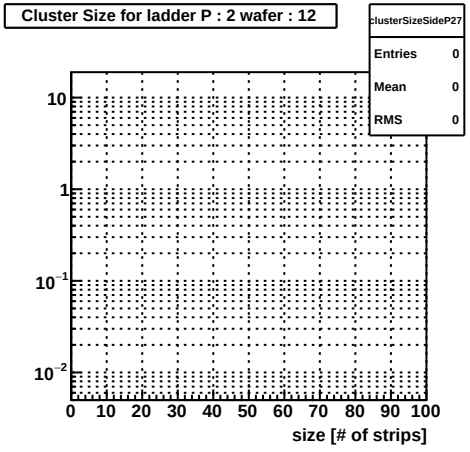

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

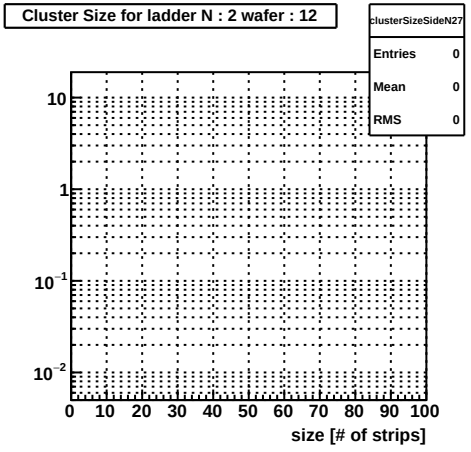

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

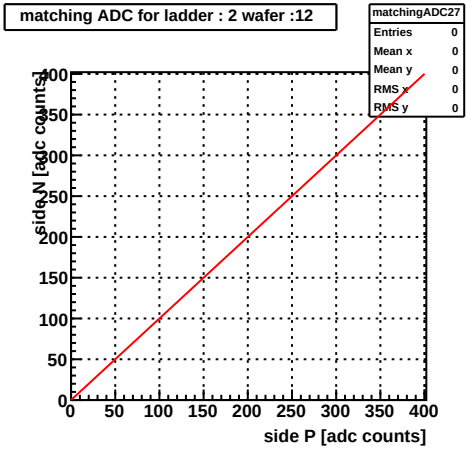

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

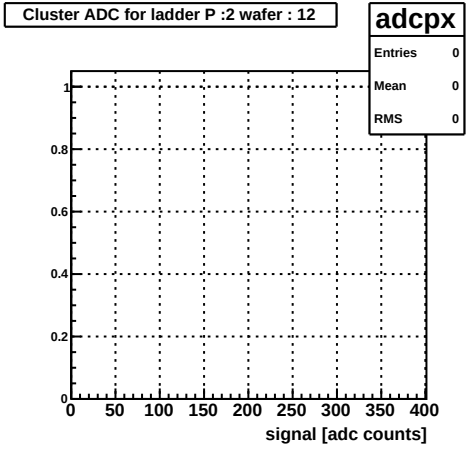

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

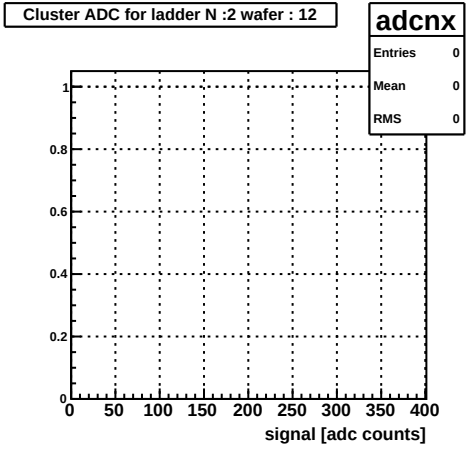

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

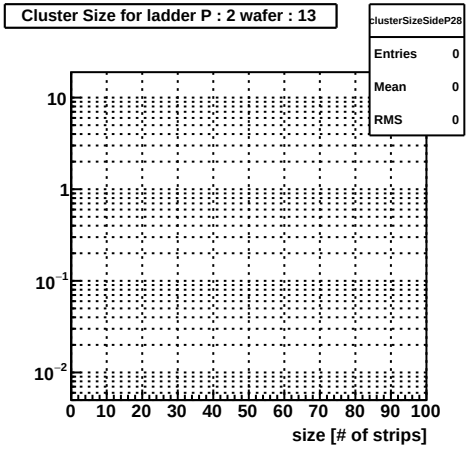

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

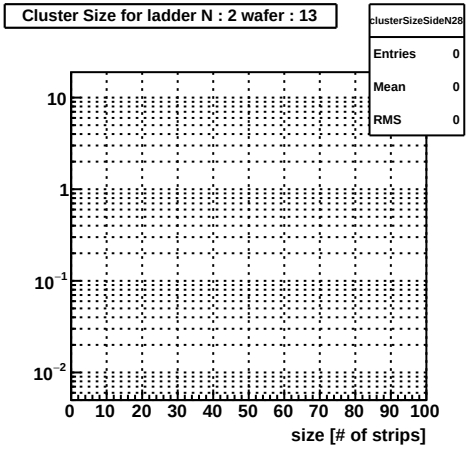

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

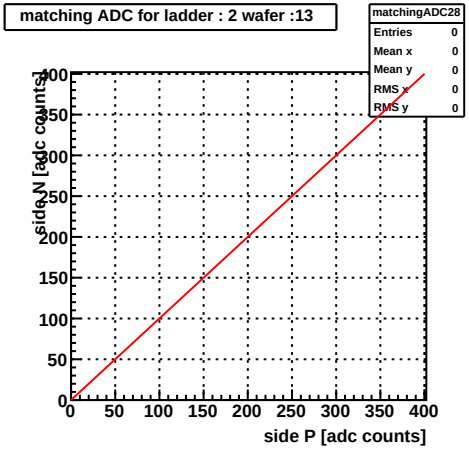

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

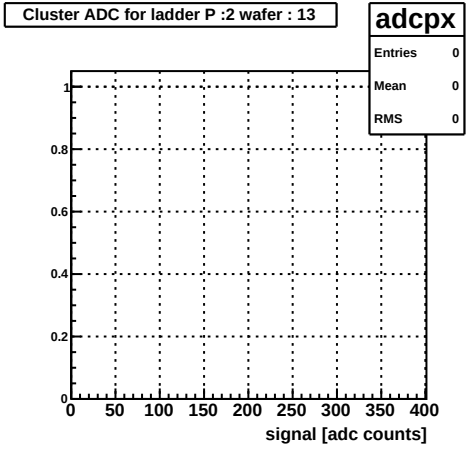

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

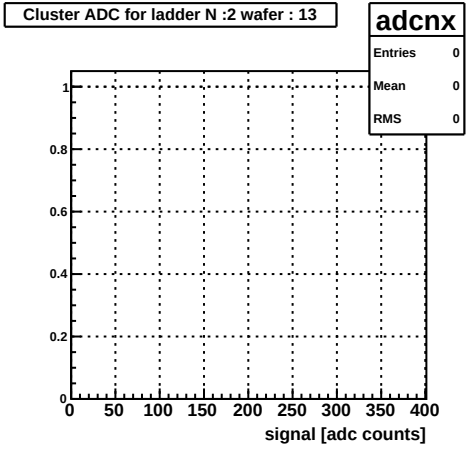

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

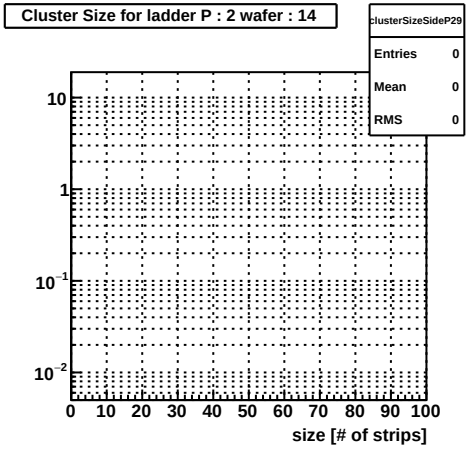

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

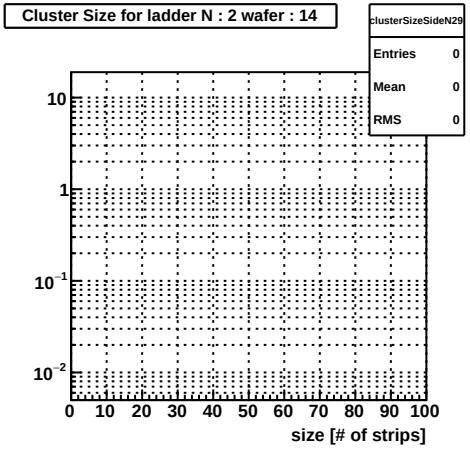

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

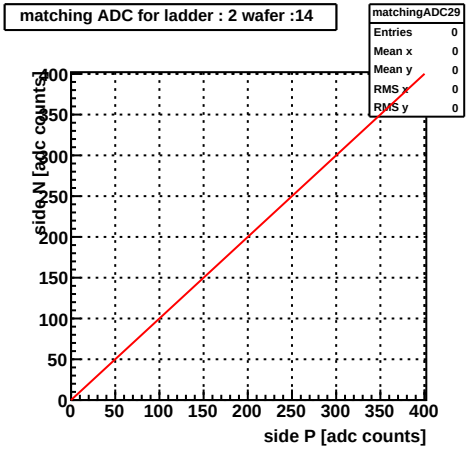

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

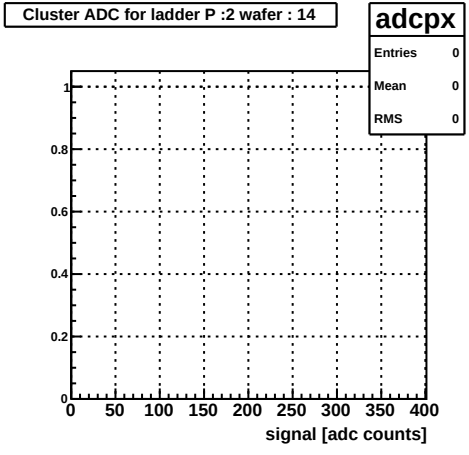

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

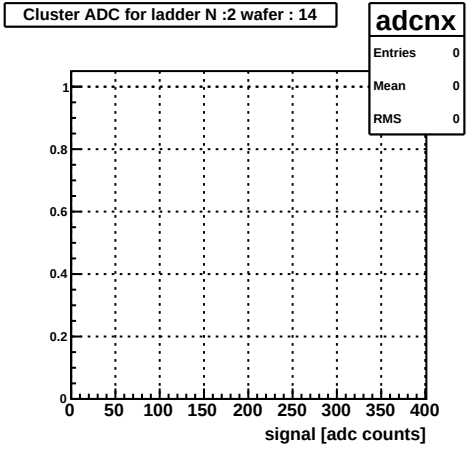

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

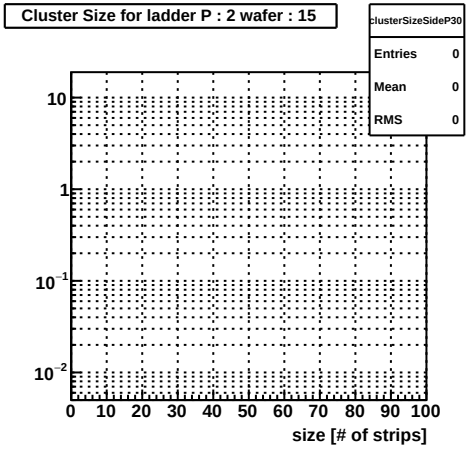

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

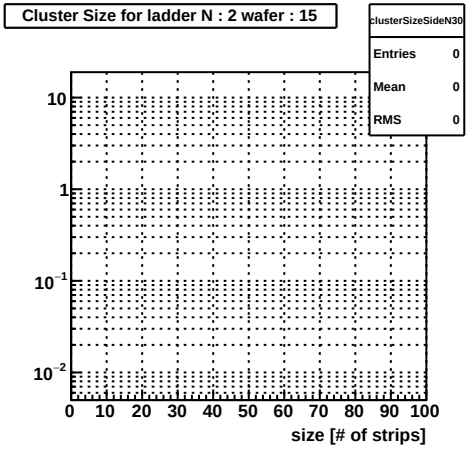

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

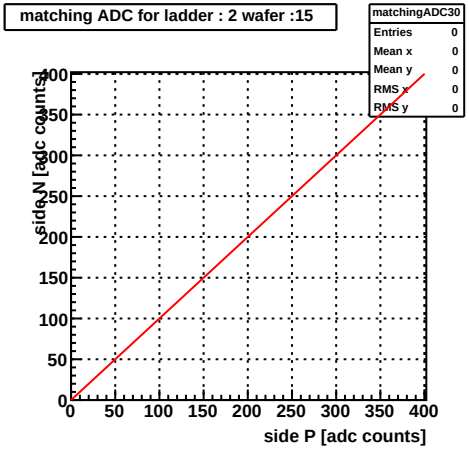

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

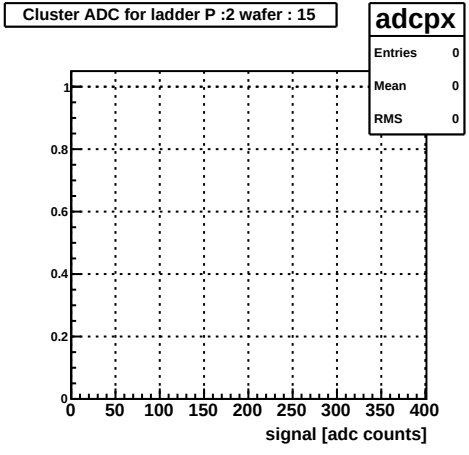

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

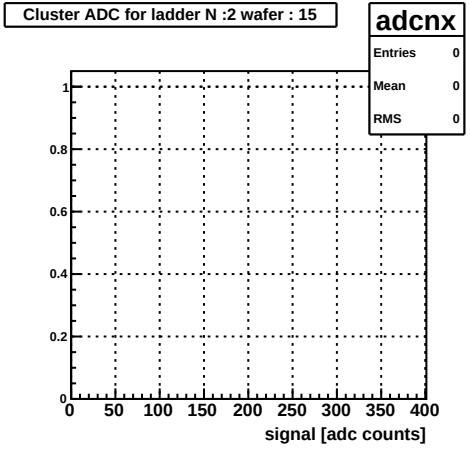

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

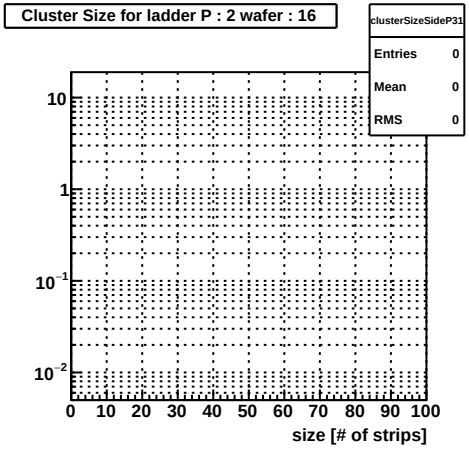

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

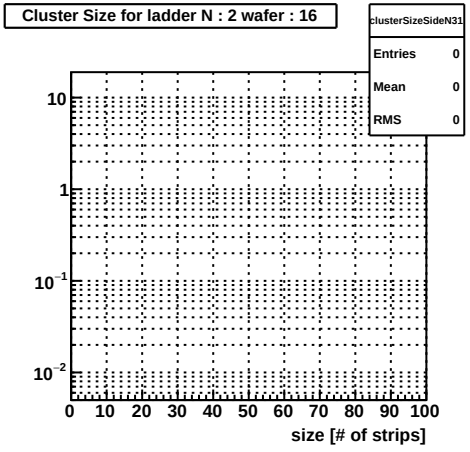

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

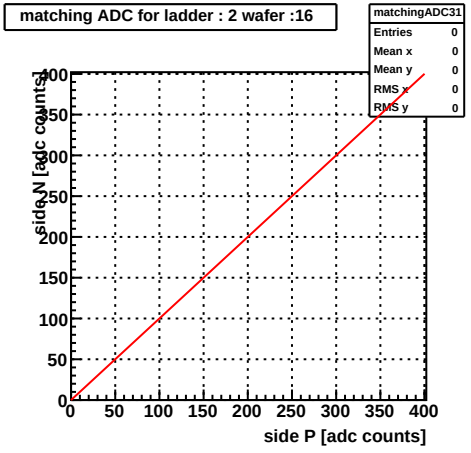

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

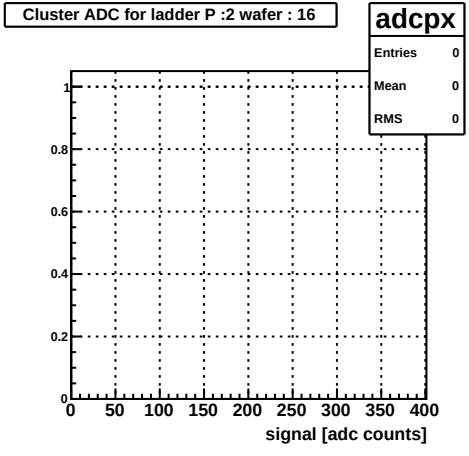

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

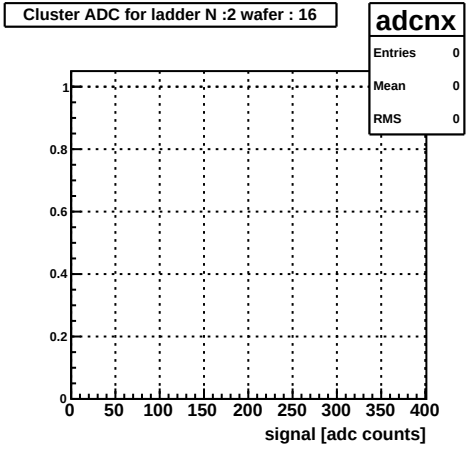

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

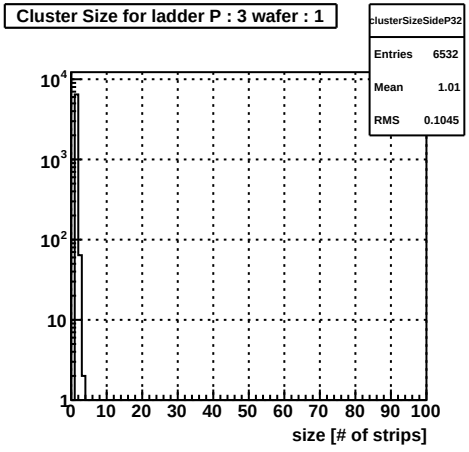

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

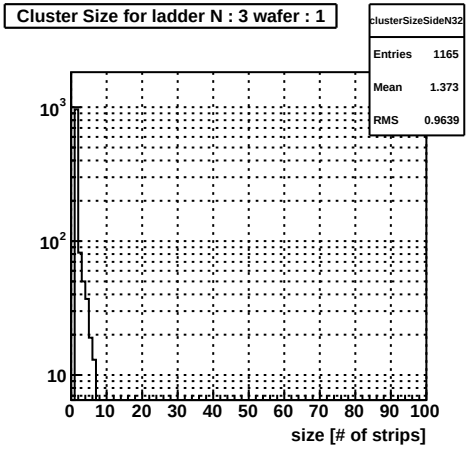

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

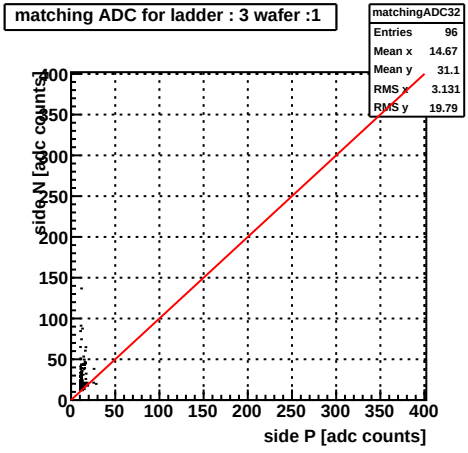

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

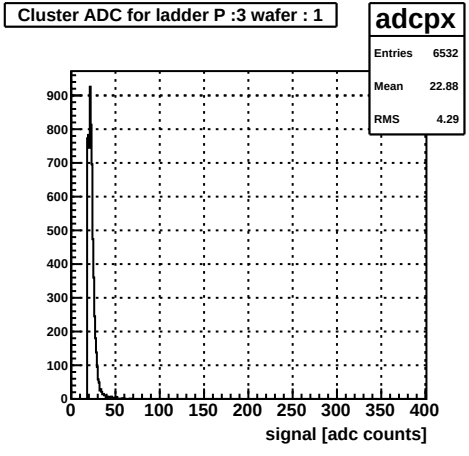

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

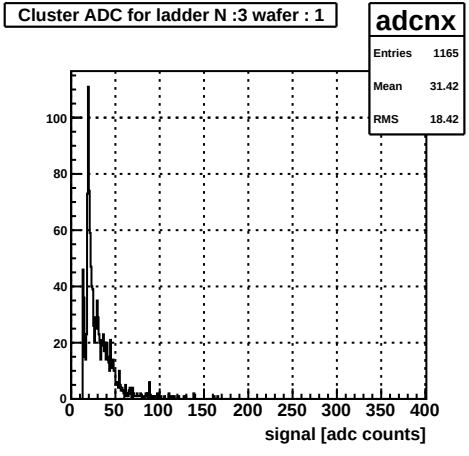

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

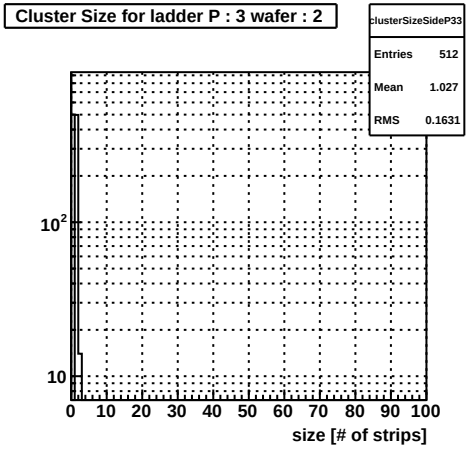

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 6532
Mean 1.01
RMS 0.1045
size [# of strips]

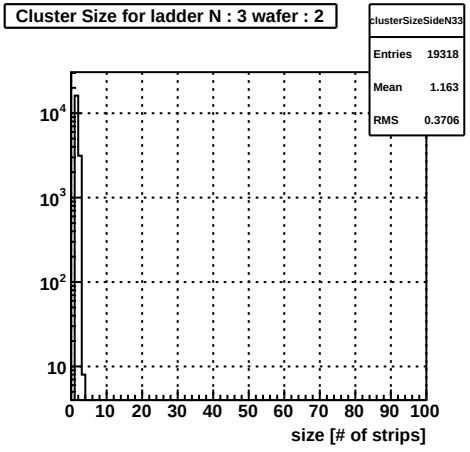

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1165
Mean 1.373
RMS 0.9639
size [# of strips]

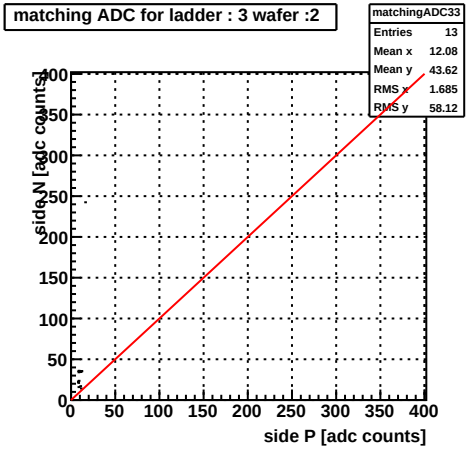

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 96
Mean x 14.67
Mean y 31.1
RMS x 3.131
RMS y 19.79
side N [adc counts]
side P [adc counts]

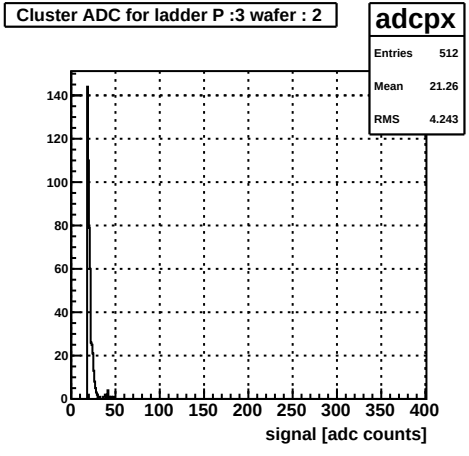

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 6532
Mean 22.88
RMS 4.29
signal [adc counts]

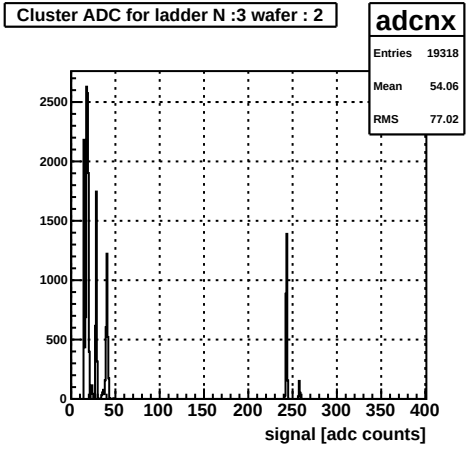

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1165
Mean 31.42
RMS 18.42
signal [adc counts]

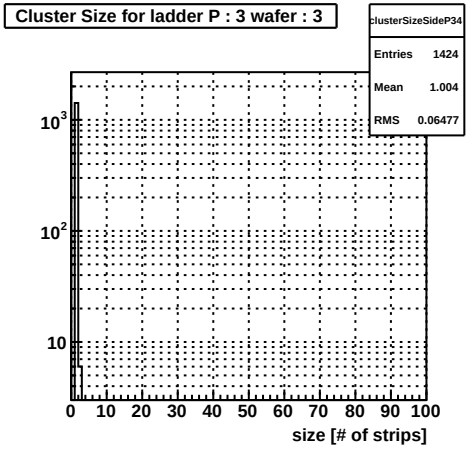

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 512
Mean 1.027
RMS 0.1631
size [# of strips]

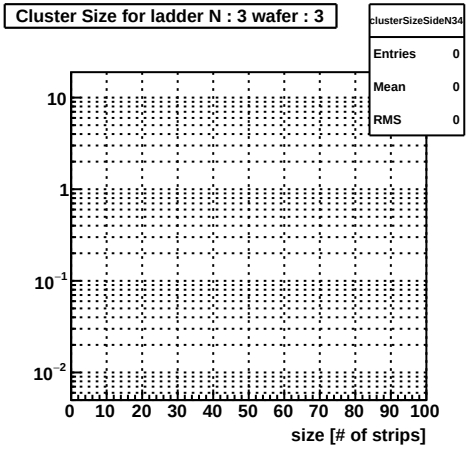

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 19318
Mean 1.163
RMS 0.3706
size [# of strips]

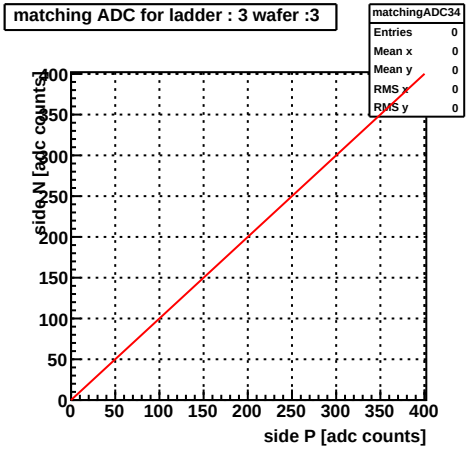

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 13
Mean x 12.08
Mean y 43.62
RMS x 1.685
RMS y 58.12
side N [adc counts]
side P [adc counts]

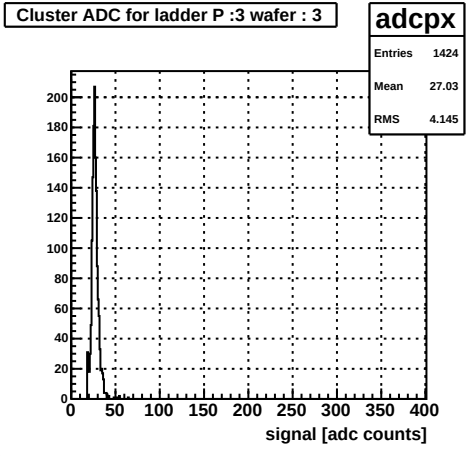

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 512
Mean 21.26
RMS 4.243
signal [adc counts]

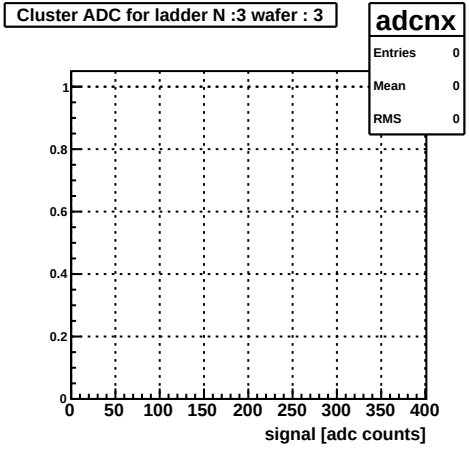

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 19318
Mean 54.06
RMS 77.02
signal [adc counts]

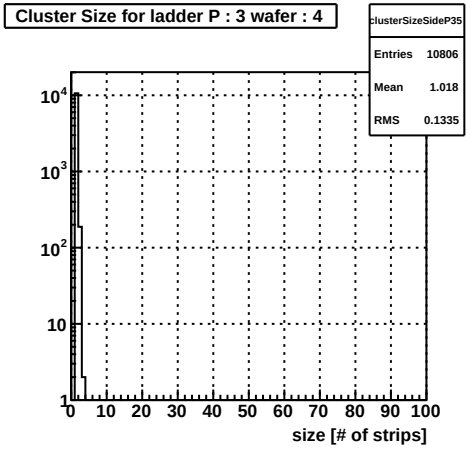

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1424
Mean 1.004
RMS 0.06477
size [# of strips]

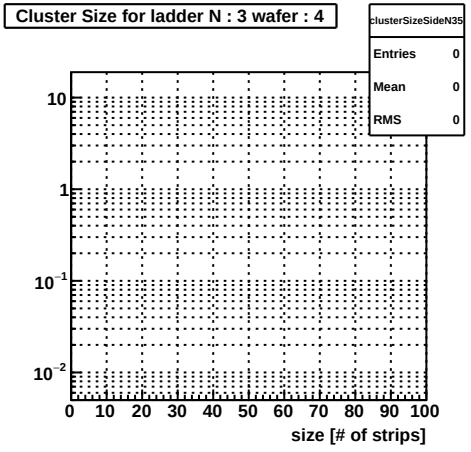

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

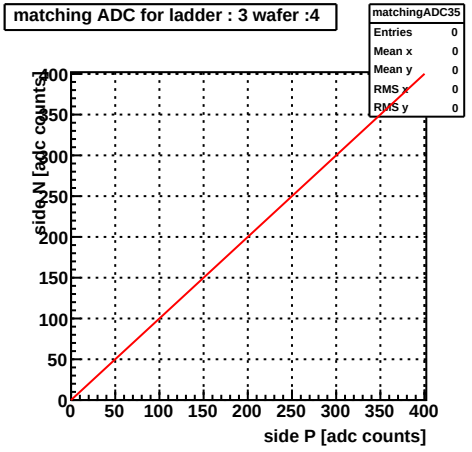

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

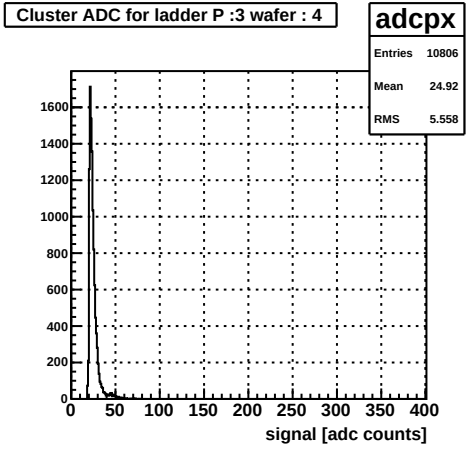

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1424
Mean 27.03
RMS 4.145
signal [adc counts]

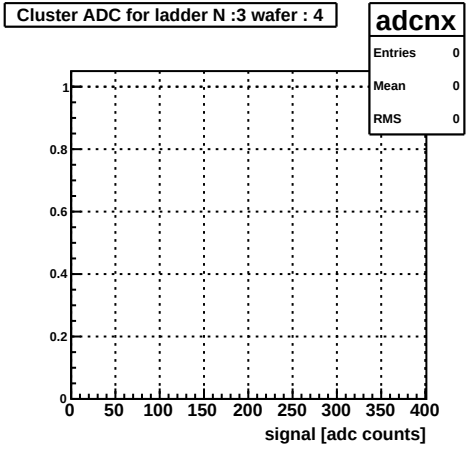

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

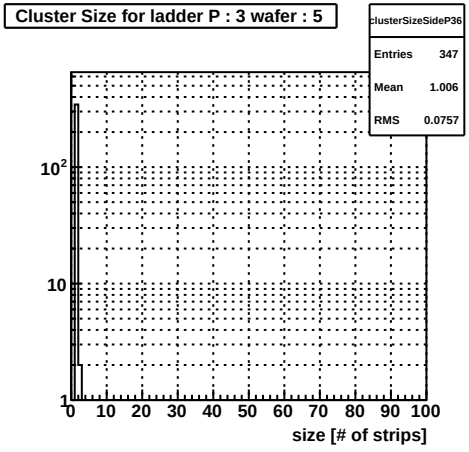

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 10806
Mean 1.018
RMS 0.1335
size [# of strips]

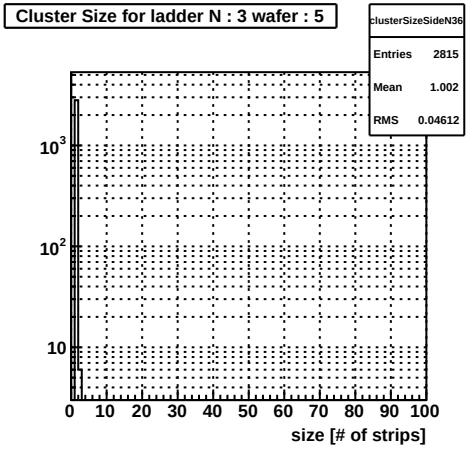

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

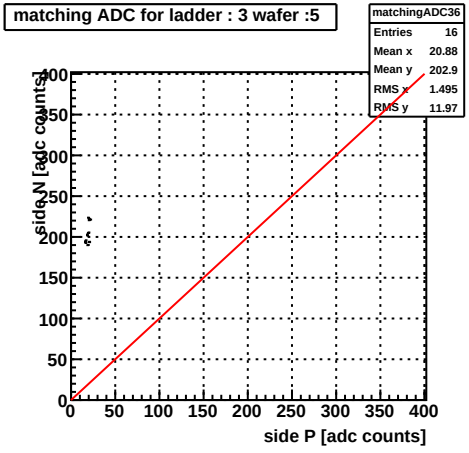

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

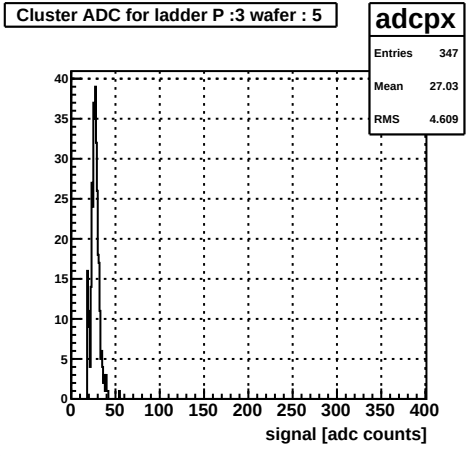

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 10806
Mean 24.92
RMS 5.558
signal [adc counts]

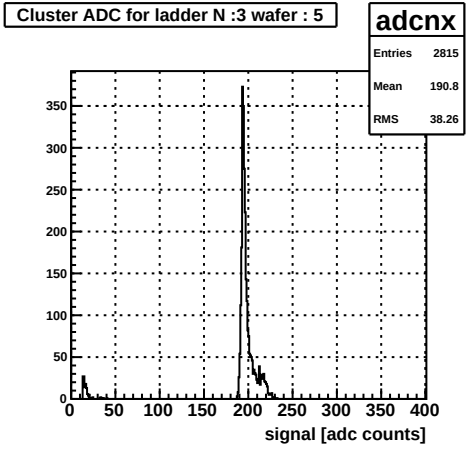

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

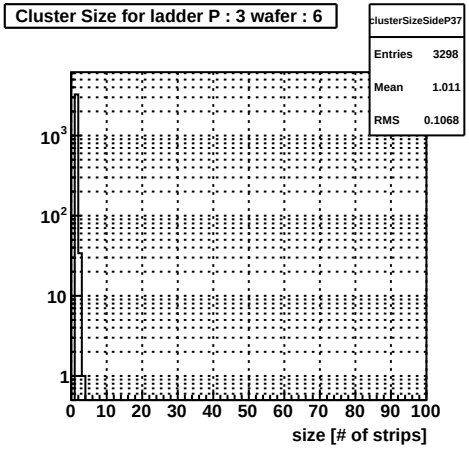

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 347
Mean 1.006
RMS 0.0757
size [# of strips]

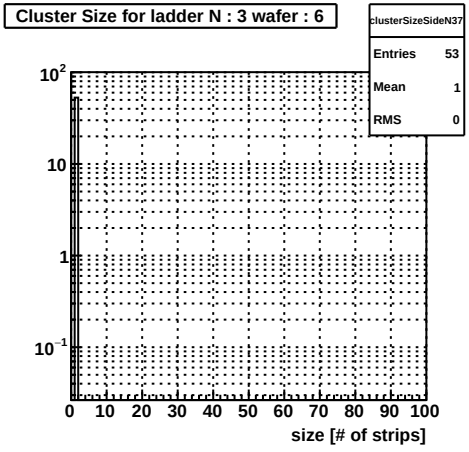

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2815
Mean 1.002
RMS 0.04612
size [# of strips]

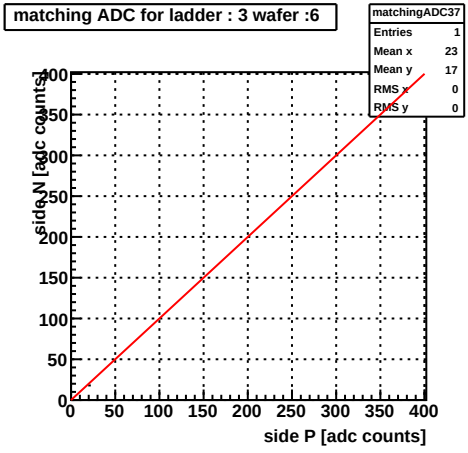

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 16
Mean x 20.88
Mean y 202.9
RMS x 1.495
RMS y 11.97
side N [adc counts]
side P [adc counts]

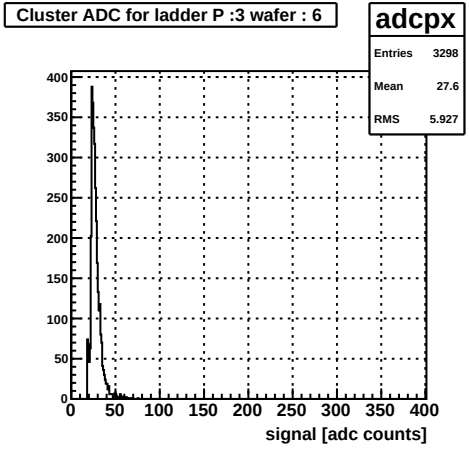

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 347
Mean 27.03
RMS 4.609
signal [adc counts]

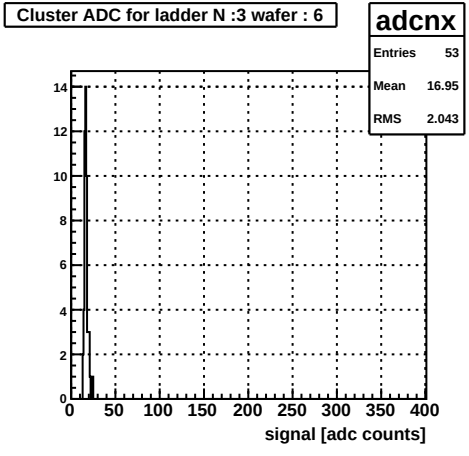

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2815
Mean 190.8
RMS 38.26
signal [adc counts]

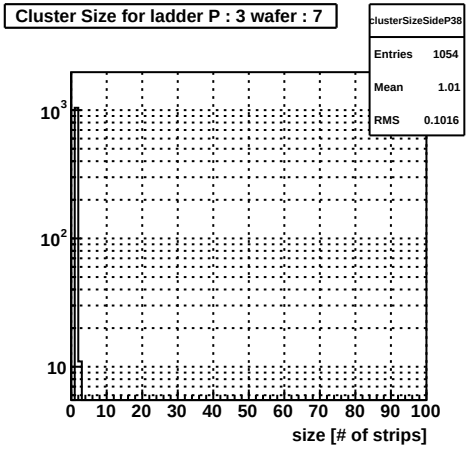

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 3298
Mean 1.011
RMS 0.1068
size [# of strips]

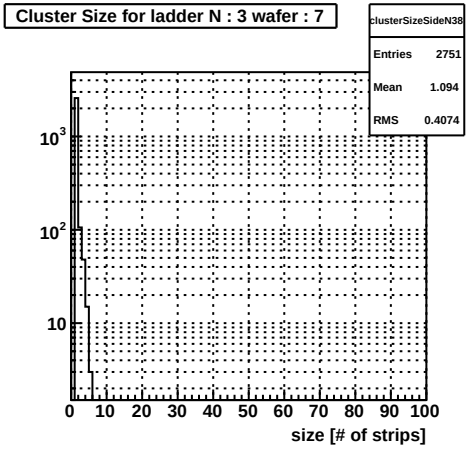

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 53
Mean 1
RMS 0
size [# of strips]

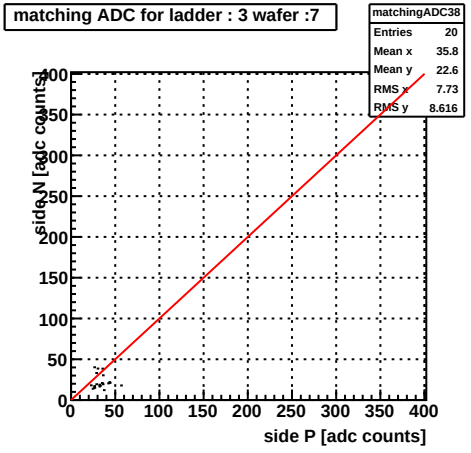

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

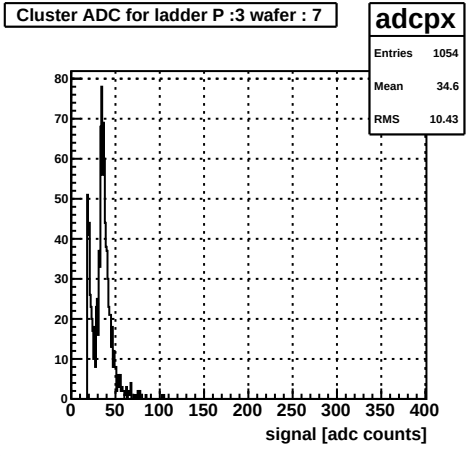

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 3298
Mean 27.6
RMS 5.927
signal [adc counts]

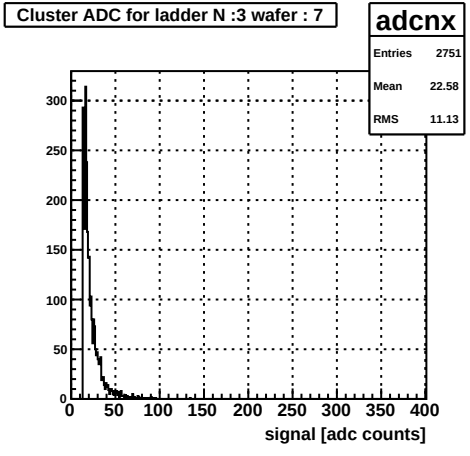

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 53
Mean 16.95
RMS 2.043
signal [adc counts]

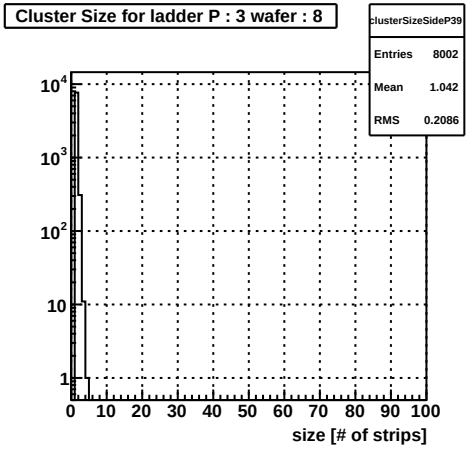

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1054
Mean 1.01
RMS 0.1016
size [# of strips]

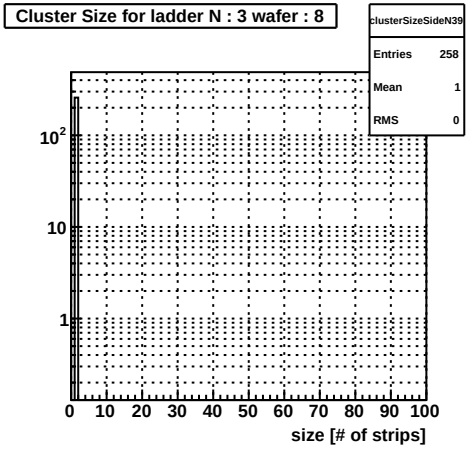

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2751
Mean 1.094
RMS 0.4074
size [# of strips]

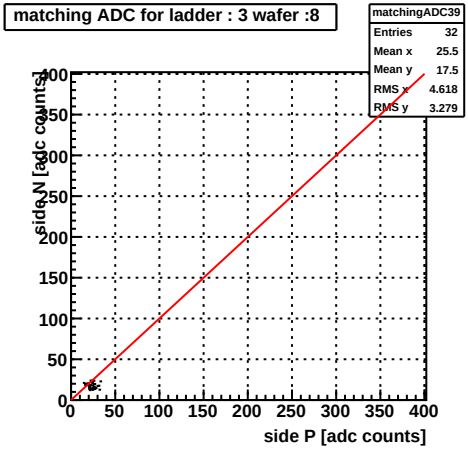

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 20
Mean x 35.8
Mean y 22.6
RMS x 7.73
RMS y 8.616
side N [adc counts]
side P [adc counts]

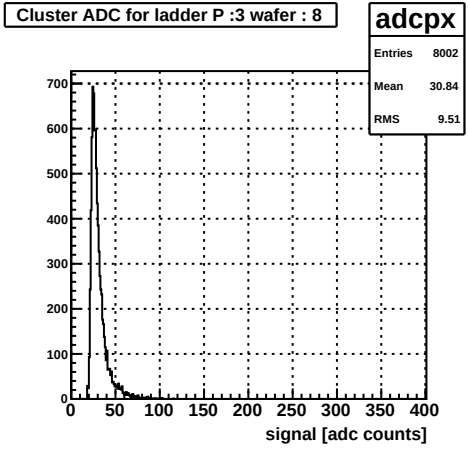

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1054
Mean 34.6
RMS 10.43
signal [adc counts]

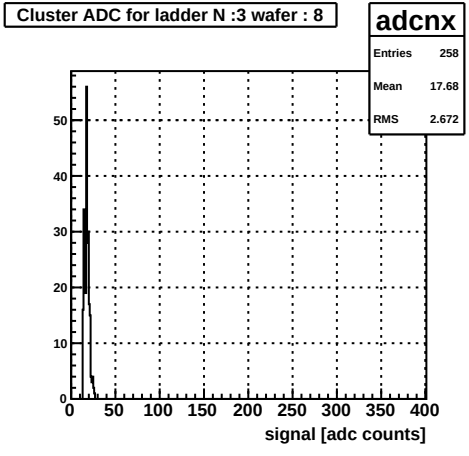

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2751
Mean 22.58
RMS 11.13
signal [adc counts]

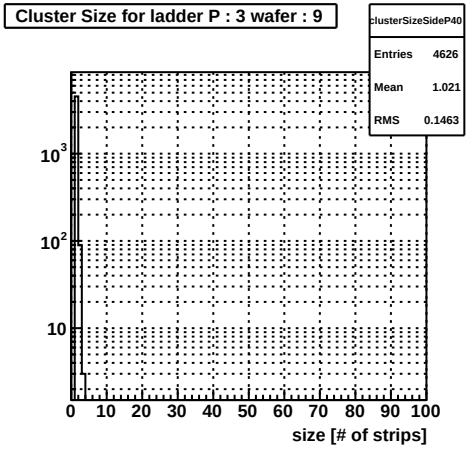

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8002
Mean 1.042
RMS 0.2086
size [# of strips]

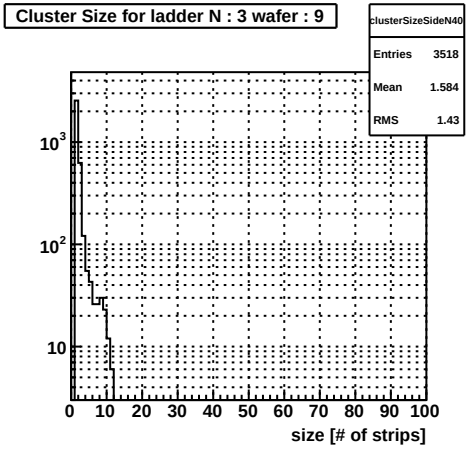

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 258
Mean 1
RMS 0
size [# of strips]

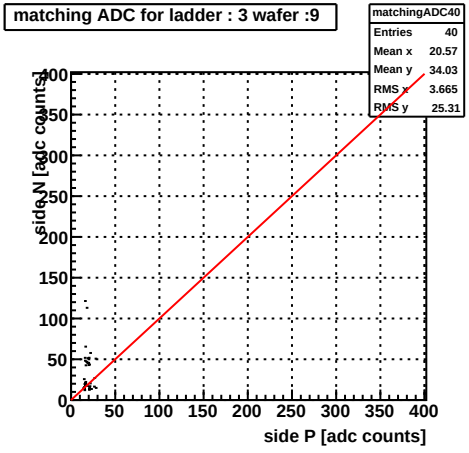

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 32
Mean x 25.5
Mean y 17.5
RMS x 4.618
RMS y 3.279
side N [adc counts]
side P [adc counts]

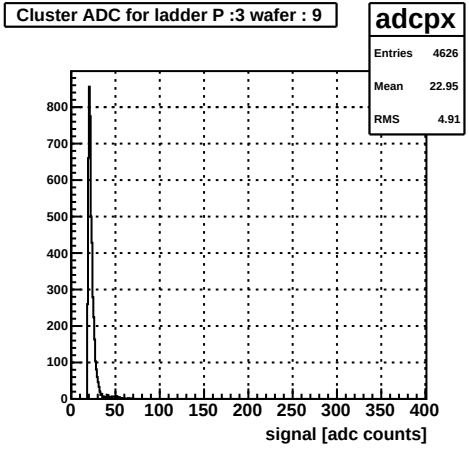

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8002
Mean 30.84
RMS 9.51
signal [adc counts]

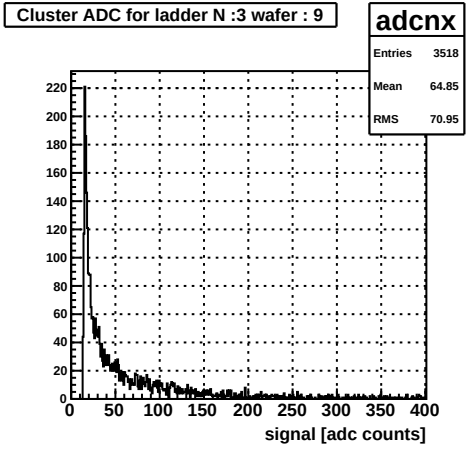

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 258
Mean 17.68
RMS 2.672
signal [adc counts]

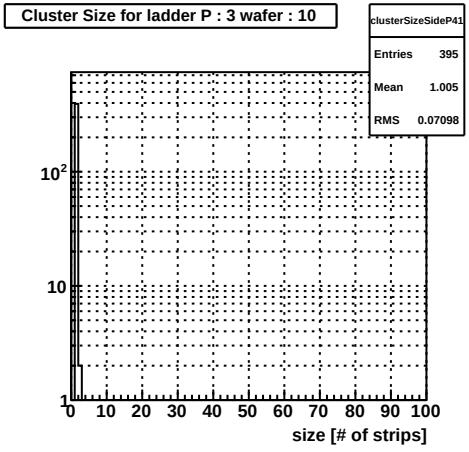

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4626
Mean 1.021
RMS 0.1463
size [# of strips]

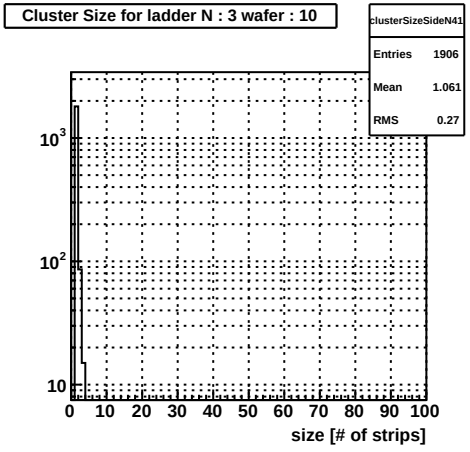

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3518
Mean 1.584
RMS 1.43
size [# of strips]

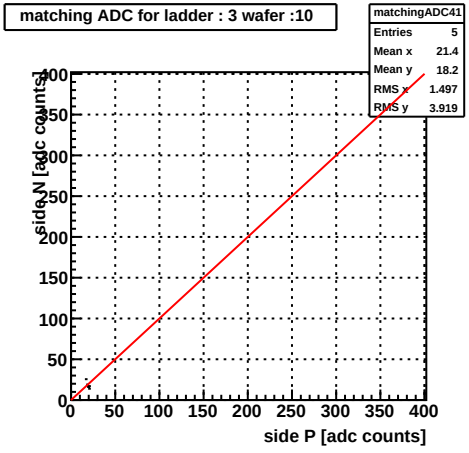

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 40
Mean x 20.57
Mean y 34.03
RMS x 3.665
RMS y 25.31
side N [adc counts]
side P [adc counts]

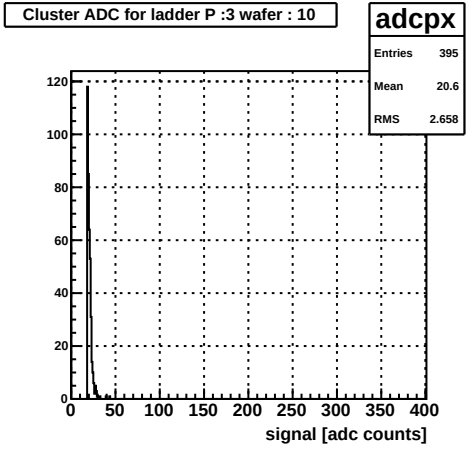

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4626
Mean 22.95
RMS 4.91
signal [adc counts]

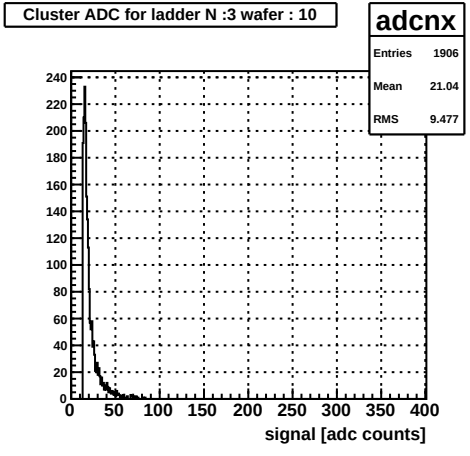

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3518
Mean 64.85
RMS 70.95
signal [adc counts]

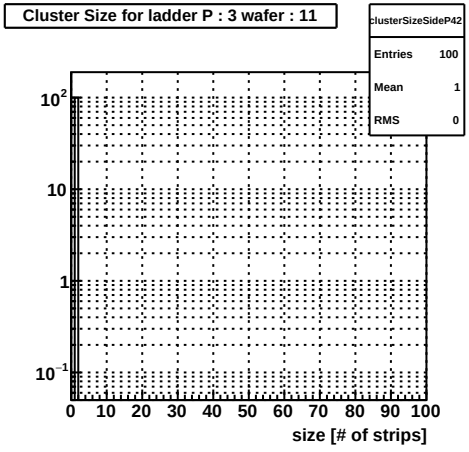

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 395
Mean 1.005
RMS 0.07098
size [# of strips]

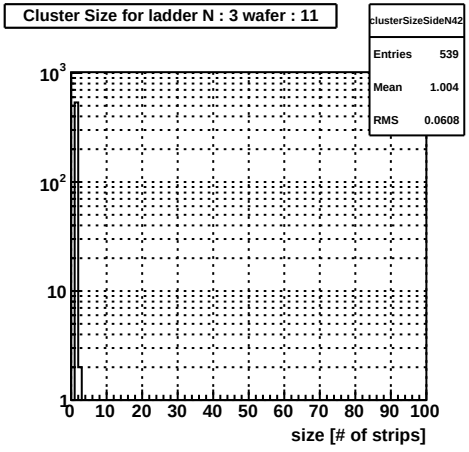

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 1906
Mean 1.061
RMS 0.27
size [# of strips]

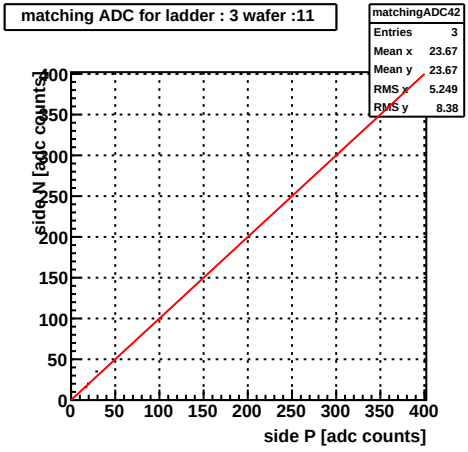

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 5
Mean x 21.4
Mean y 18.2
RMS x 1.497
RMS y 3.919
side N [adc counts]
side P [adc counts]

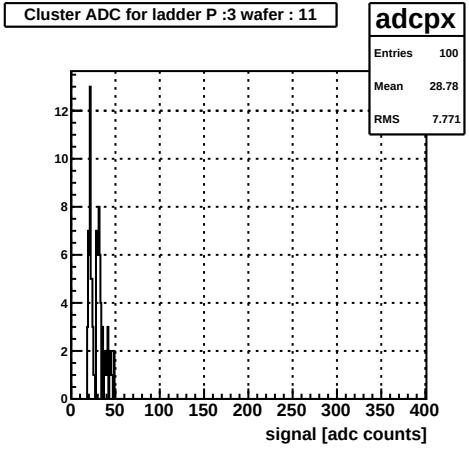

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 395
Mean 20.6
RMS 2.658
signal [adc counts]

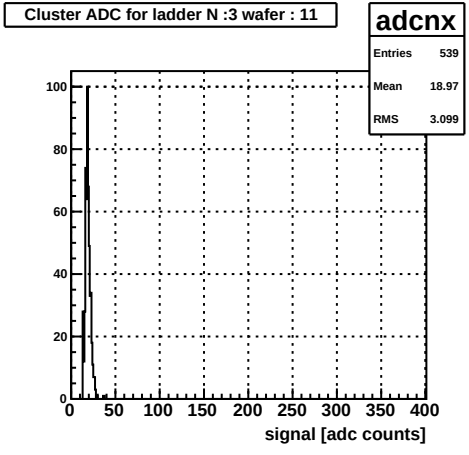

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 1906
Mean 21.04
RMS 9.477
signal [adc counts]

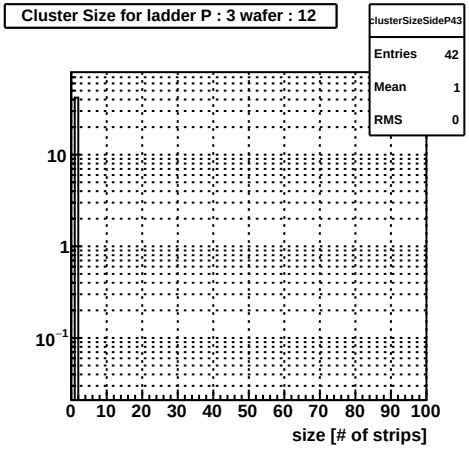

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 100
Mean 1
RMS 0
size [# of strips]

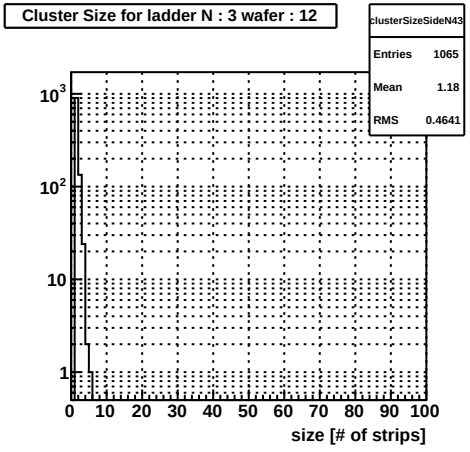

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 539
Mean 1.004
RMS 0.0608
size [# of strips]

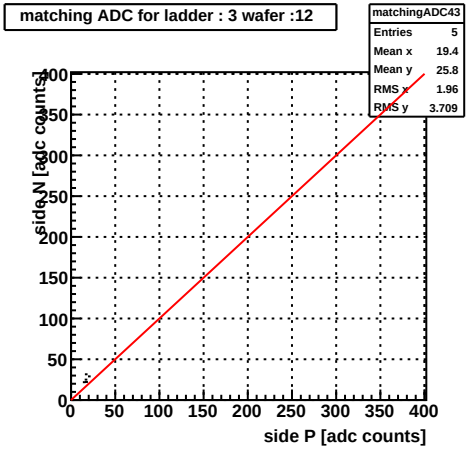

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 3
Mean x 23.67
Mean y 23.67
RMS x 5.249
RMS y 8.38
side N [adc counts]
side P [adc counts]

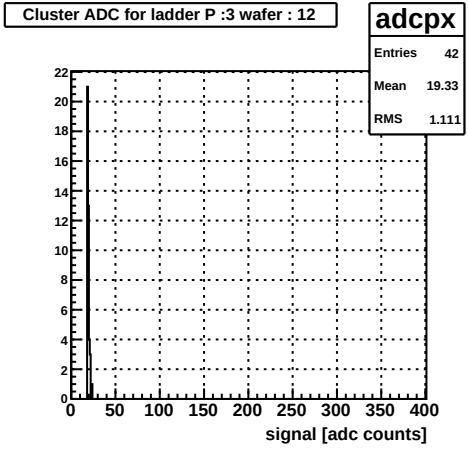

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 100
Mean 28.78
RMS 7.771
signal [adc counts]

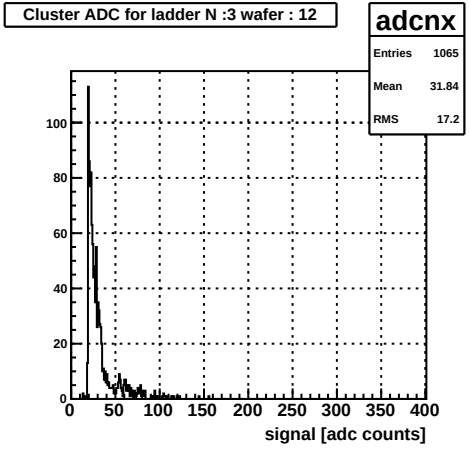

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 539
Mean 18.97
RMS 3.099
signal [adc counts]

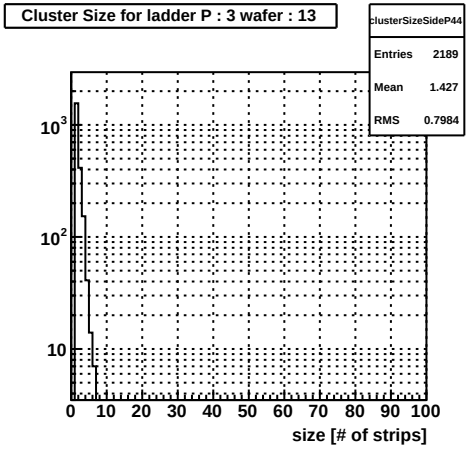

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 42
Mean 1
RMS 0
size [# of strips]

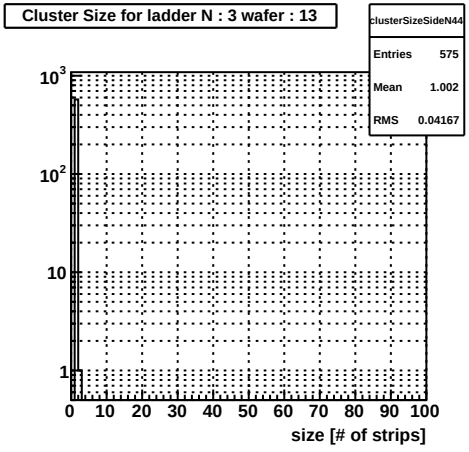

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1065
Mean 1.18
RMS 0.4641
size [# of strips]

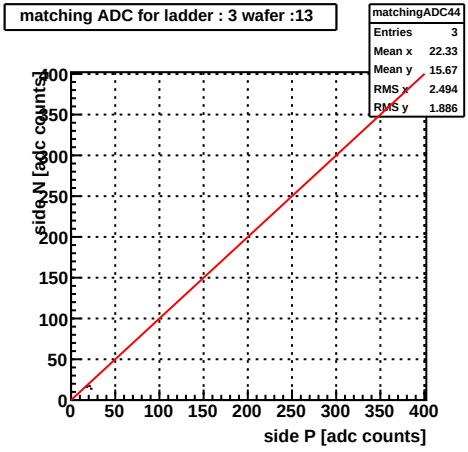

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 5
Mean x 19.4
Mean y 25.8
RMS x 1.96
RMS y 3.709
side N [adc counts]
side P [adc counts]

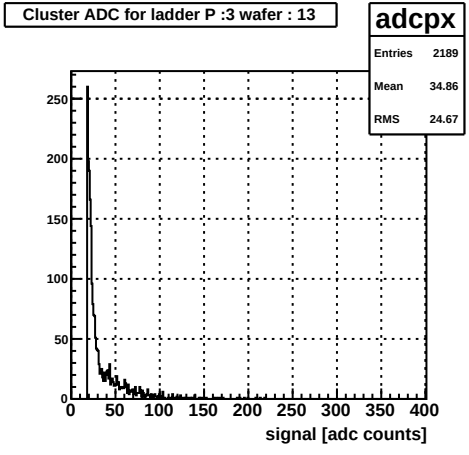

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 42
Mean 19.33
RMS 1.111
signal [adc counts]

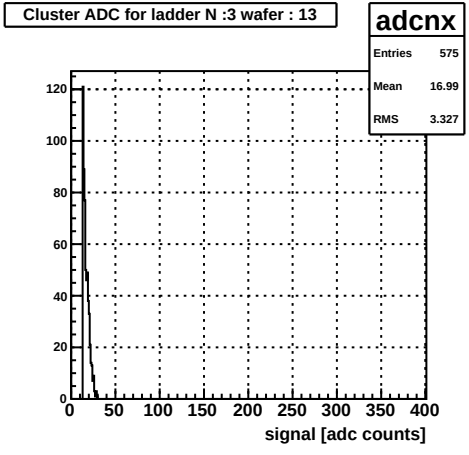

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1065
Mean 31.84
RMS 17.2
signal [adc counts]

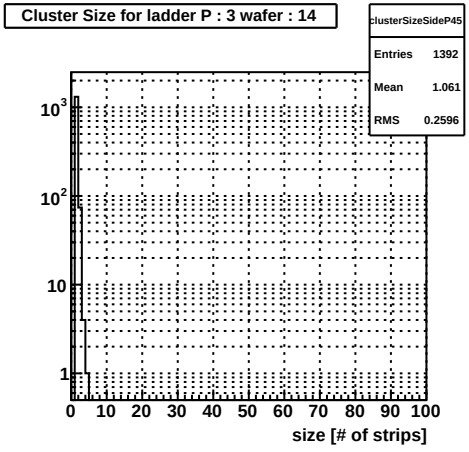

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 2189
Mean 1.427
RMS 0.7984
size [# of strips]

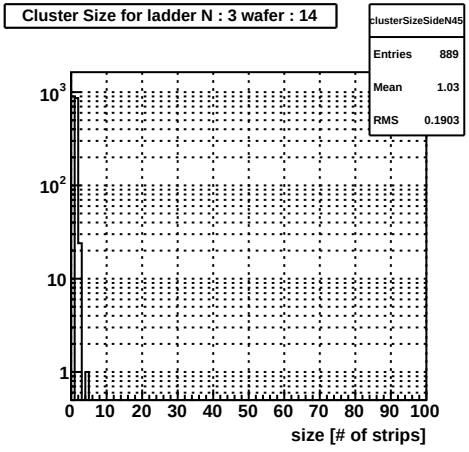

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 575
Mean 1.002
RMS 0.04167
size [# of strips]

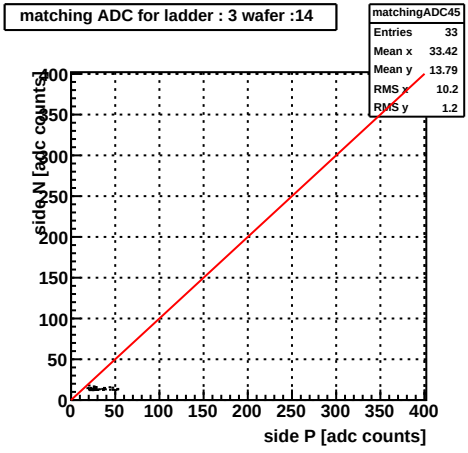

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 3
Mean x 22.33
Mean y 15.67
RMS x 2.494
RMS y 1.886
side N [adc counts]
side P [adc counts]

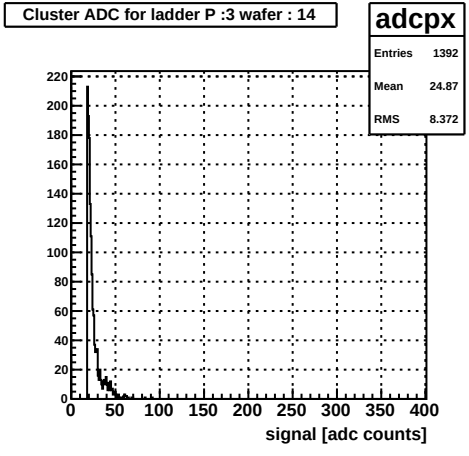

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 2189
Mean 34.86
RMS 24.67
signal [adc counts]

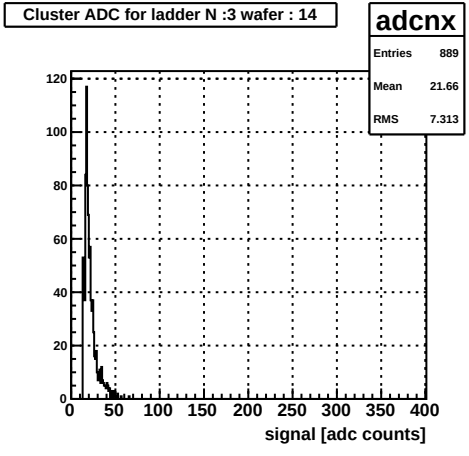

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 575
Mean 16.99
RMS 3.327
signal [adc counts]

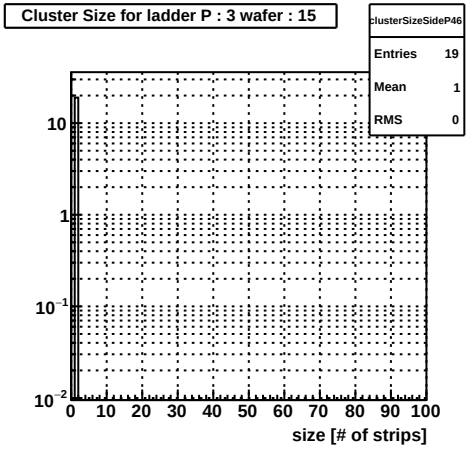

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1392
Mean 1.061
RMS 0.2596
size [# of strips]

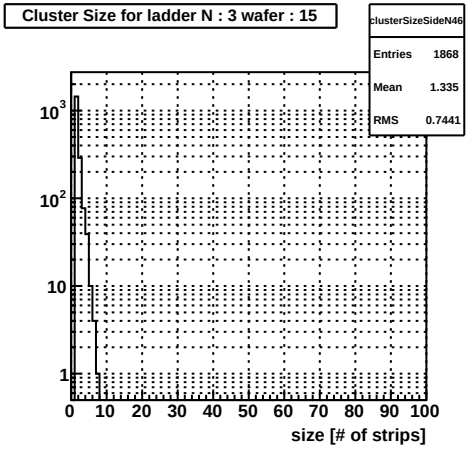

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 889
Mean 1.03
RMS 0.1903
size [# of strips]

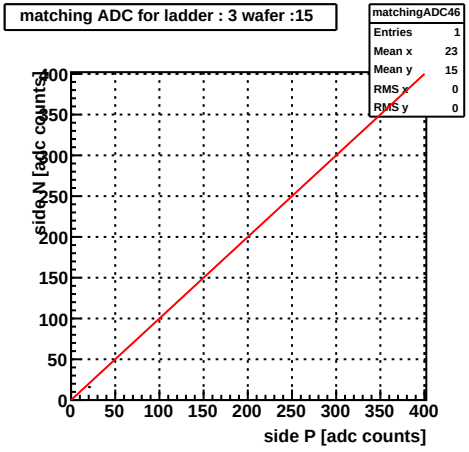

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 33
Mean x 33.42
Mean y 13.79
RMS x 10.2
RMS y 1.2
side N [adc counts]
side P [adc counts]

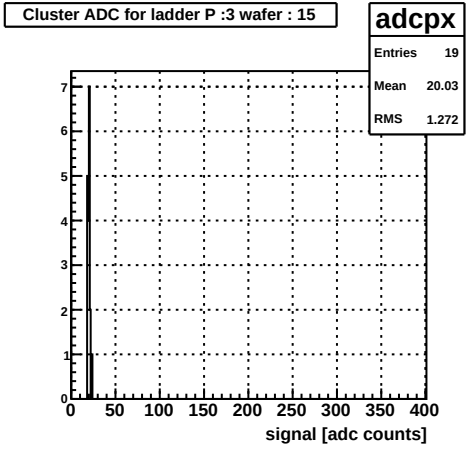

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1392
Mean 24.87
RMS 8.372
signal [adc counts]

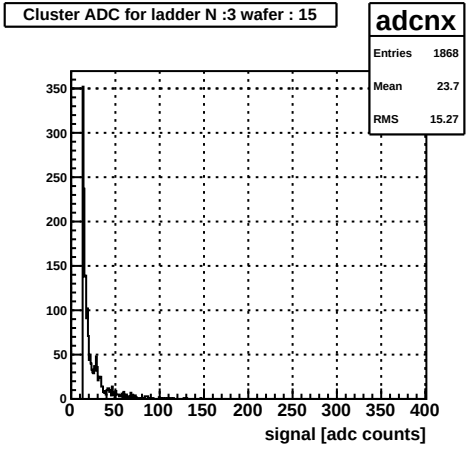

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 889
Mean 21.66
RMS 7.313
signal [adc counts]

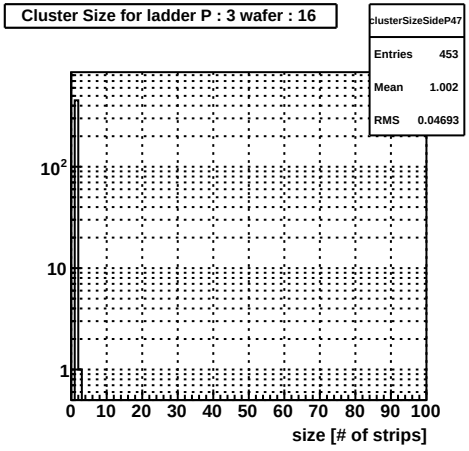

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 19
Mean 1
RMS 0
size [# of strips]

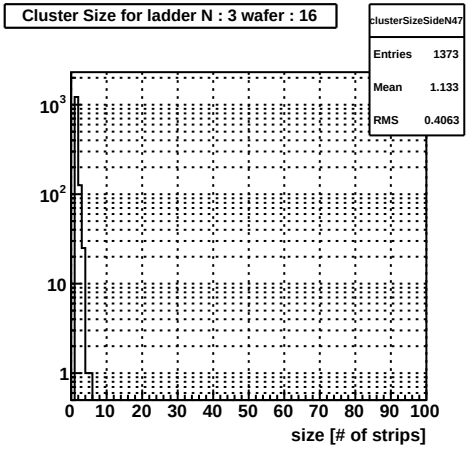

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1868
Mean 1.335
RMS 0.7441
size [# of strips]

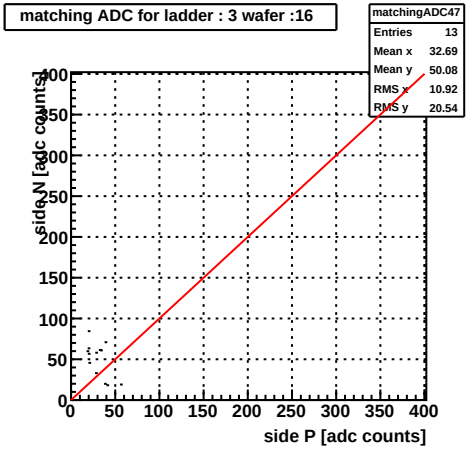

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 1
Mean x 23
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

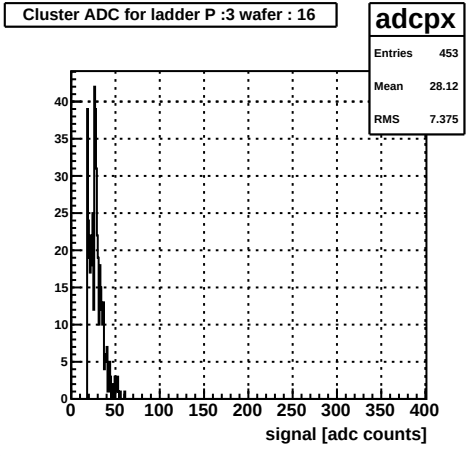

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 19
Mean 20.03
RMS 1.272
signal [adc counts]

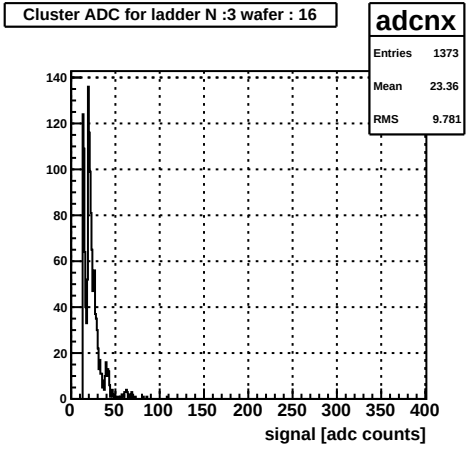

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1868
Mean 23.7
RMS 15.27
signal [adc counts]

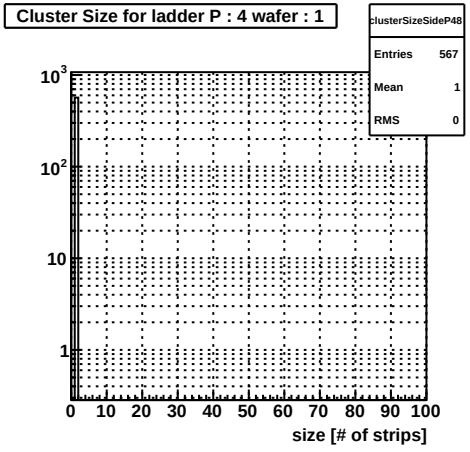

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 453
Mean 1.002
RMS 0.04693
size [# of strips]

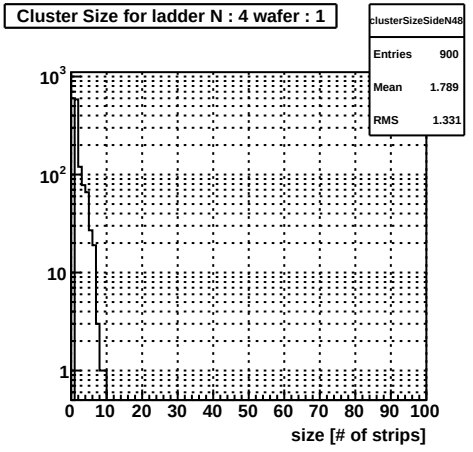

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1373
Mean 1.133
RMS 0.4063
size [# of strips]

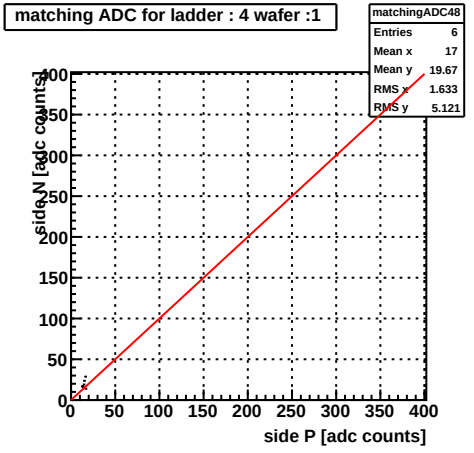

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 13
Mean x 32.69
Mean y 50.08
RMS x 10.92
RMS y 20.54
side N [adc counts]
side P [adc counts]

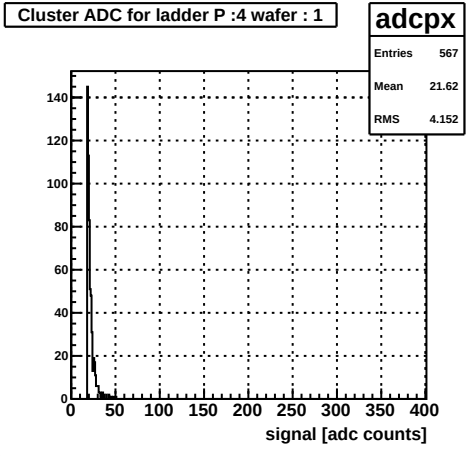

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 453
Mean 28.12
RMS 7.375
signal [adc counts]

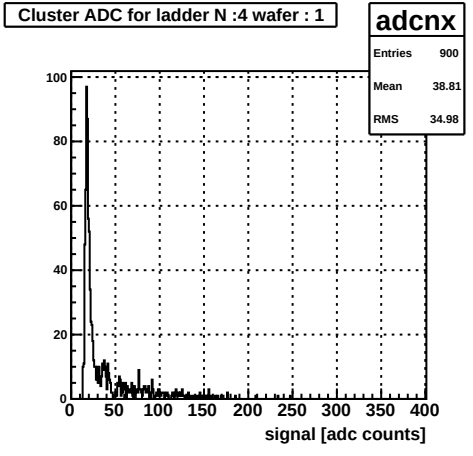

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1373
Mean 23.36
RMS 9.781
signal [adc counts]

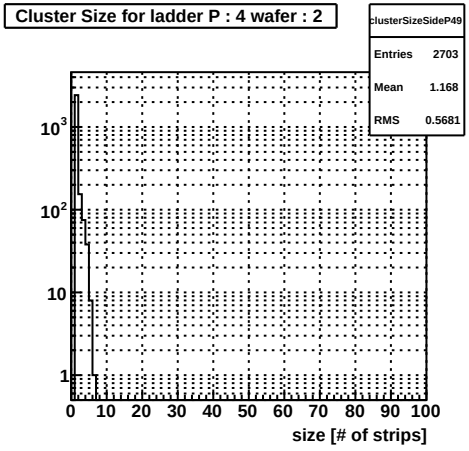

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 567
Mean 1
RMS 0
size [# of strips]

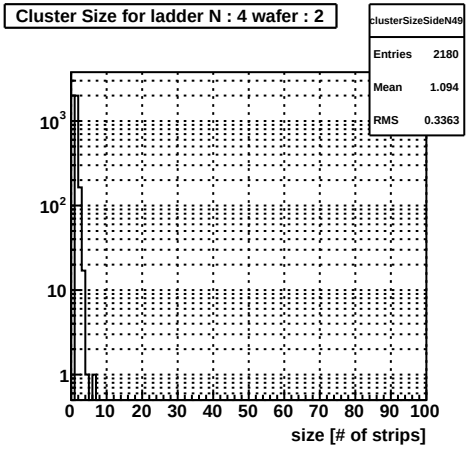

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 900
Mean 1.789
RMS 1.331
size [# of strips]

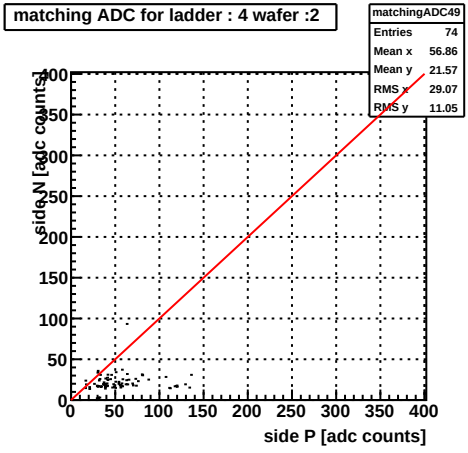

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 6
Mean x 17
Mean y 19.67
RMS x 1.633
RMS y 5.121
side N [adc counts]
side P [adc counts]

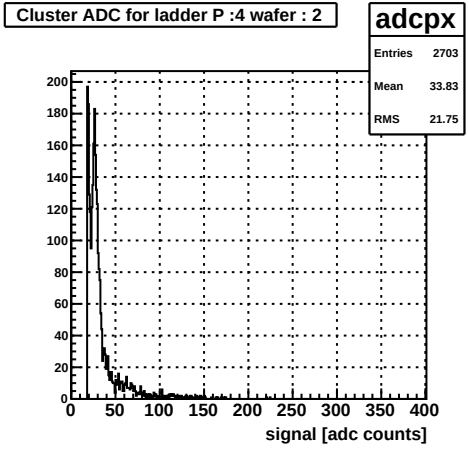

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 567
Mean 21.62
RMS 4.152
signal [adc counts]

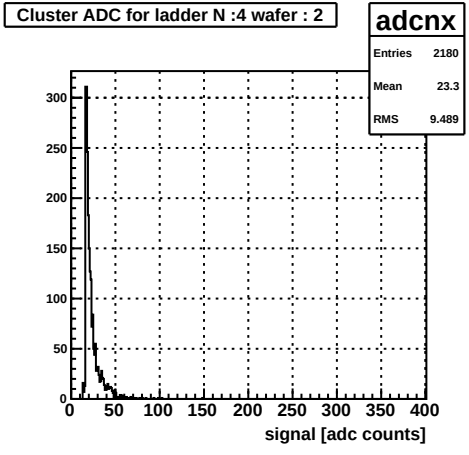

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 900
Mean 38.81
RMS 34.98
signal [adc counts]

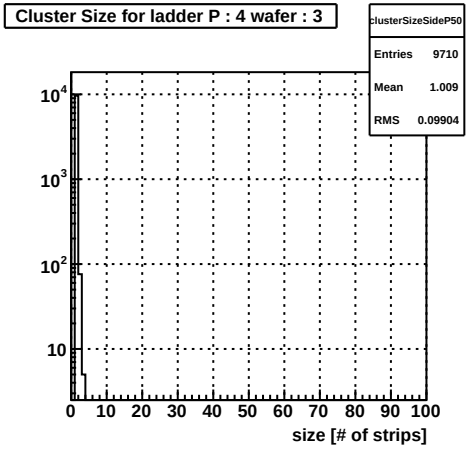

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2703
Mean 1.168
RMS 0.5681
size [# of strips]

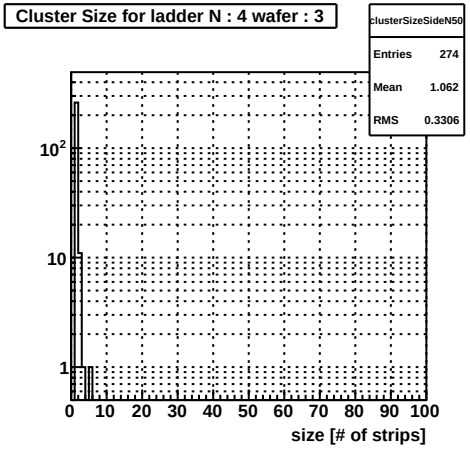

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 2180
Mean 1.094
RMS 0.3363
size [# of strips]

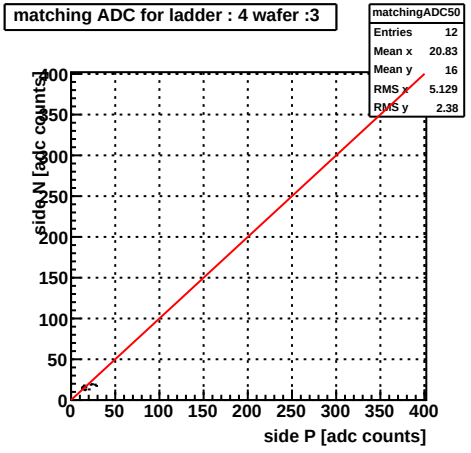

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 74
Mean x 56.86
Mean y 21.57
RMS x 29.07
RMS y 11.05
side N [adc counts]
side P [adc counts]

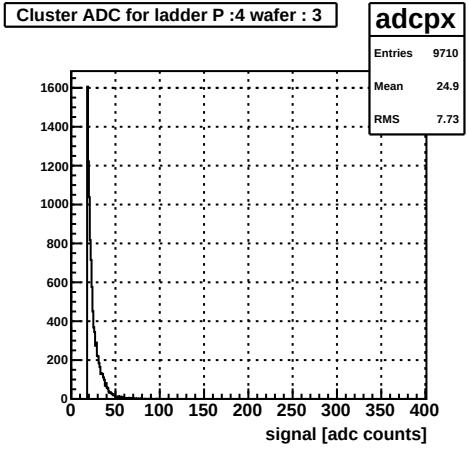

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2703
Mean 33.83
RMS 21.75
signal [adc counts]

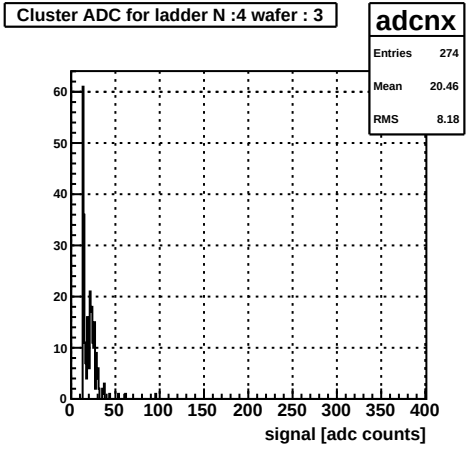

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 2180
Mean 23.3
RMS 9.489
signal [adc counts]

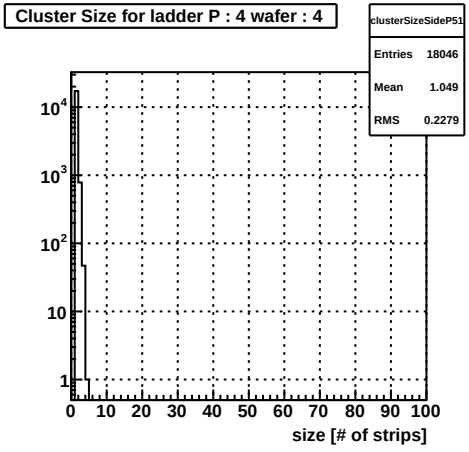

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9710
Mean 1.009
RMS 0.09904
size [# of strips]

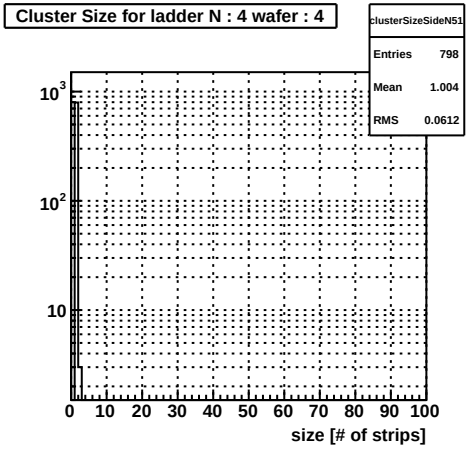

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 274
Mean 1.062
RMS 0.3306
size [# of strips]

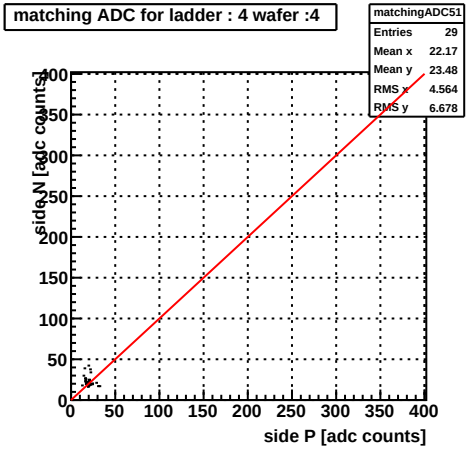

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 12
Mean x 20.83
Mean y 16
RMS x 5.129
RMS y 2.38
side N [adc counts]
side P [adc counts]

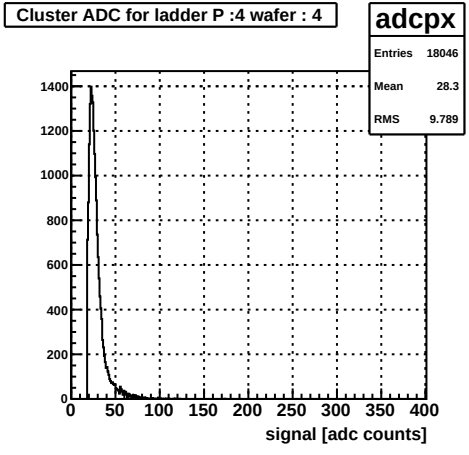

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9710
Mean 24.9
RMS 7.73
signal [adc counts]

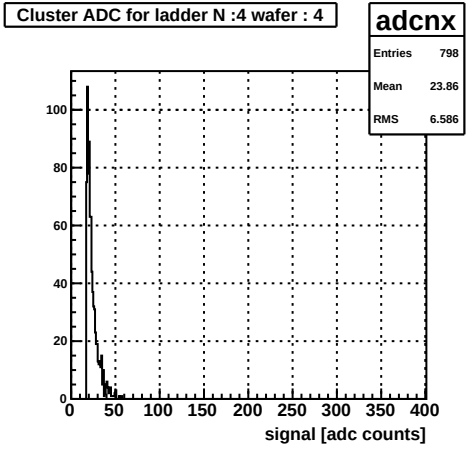

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 274
Mean 20.46
RMS 8.18
signal [adc counts]

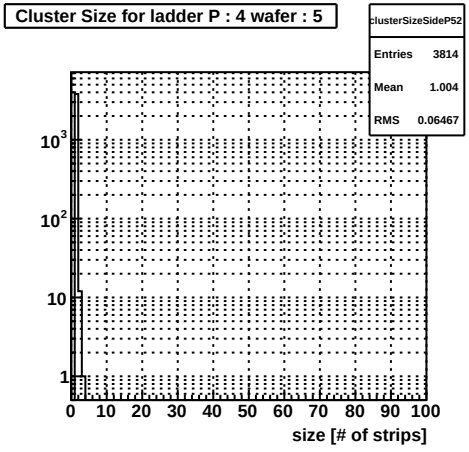

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18046
Mean 1.049
RMS 0.2279
size [# of strips]

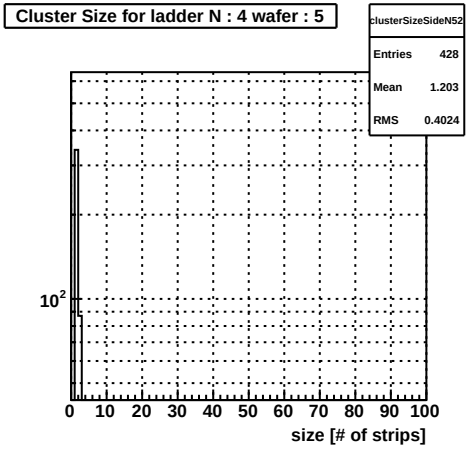

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 798
Mean 1.004
RMS 0.0612
size [# of strips]

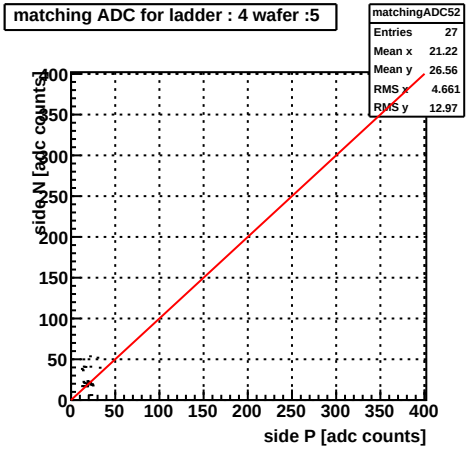

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 29
Mean x 22.17
Mean y 23.48
RMS x 4.564
RMS y 6.678
side N [adc counts]
side P [adc counts]

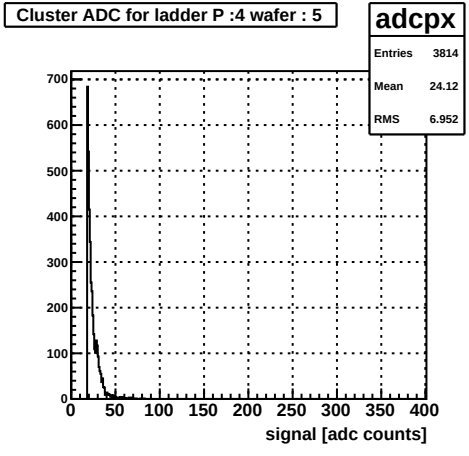

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18046
Mean 28.3
RMS 9.789
signal [adc counts]

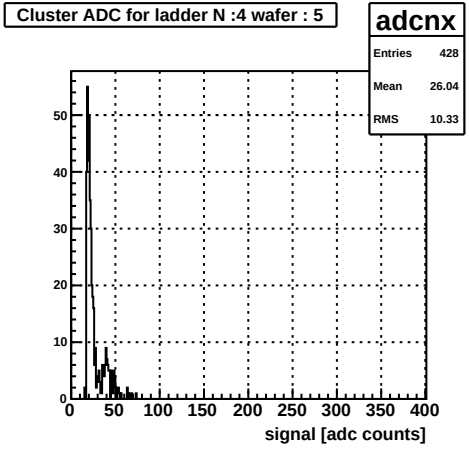

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 798
Mean 23.86
RMS 6.586
signal [adc counts]

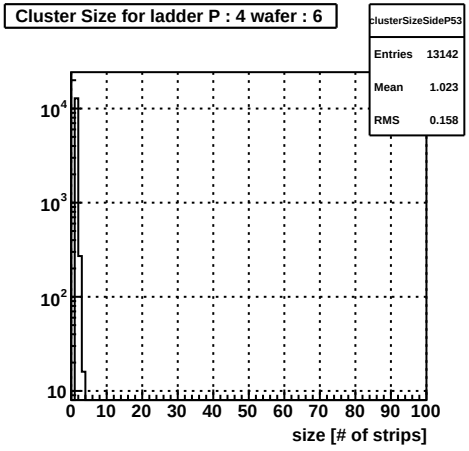

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3814
Mean 1.004
RMS 0.06467
size [# of strips]

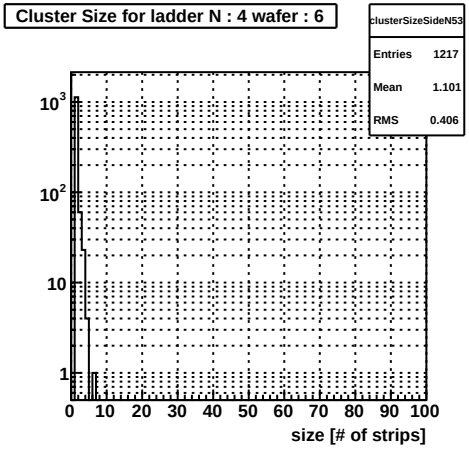

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 428
Mean 1.203
RMS 0.4024
size [# of strips]

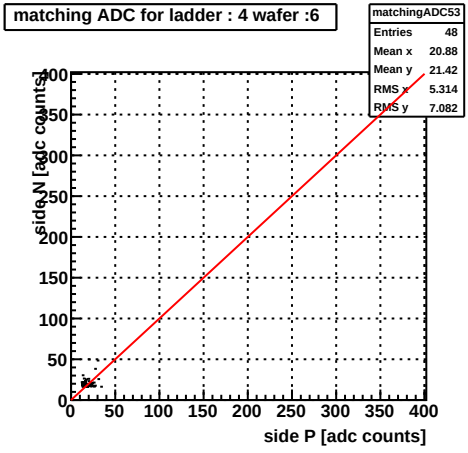

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 27
Mean x 21.22
Mean y 26.56
RMS x 4.661
RMS y 12.97
side N [adc counts]
side P [adc counts]

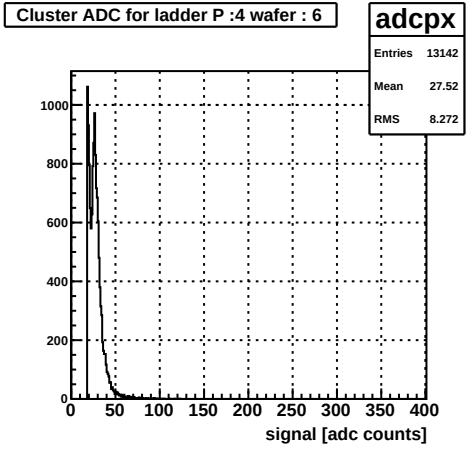

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3814
Mean 24.12
RMS 6.952
signal [adc counts]

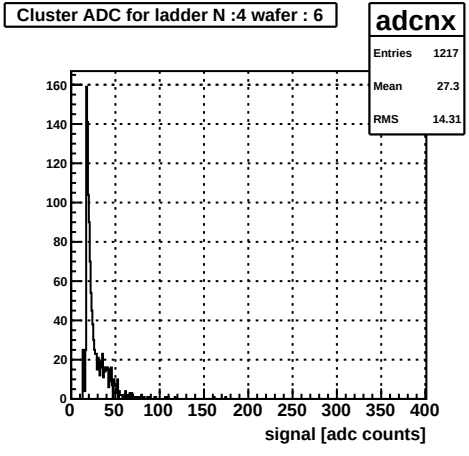

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 428
Mean 26.04
RMS 10.33
signal [adc counts]

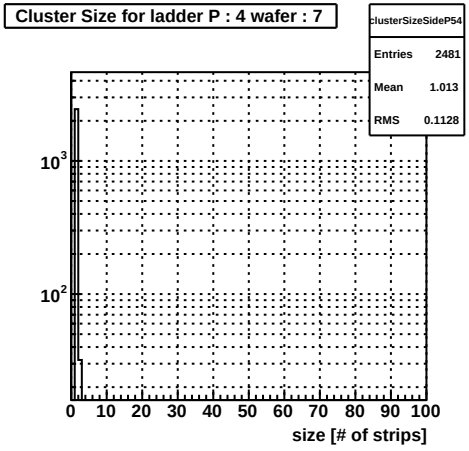

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 13142
Mean 1.023
RMS 0.158
size [# of strips]

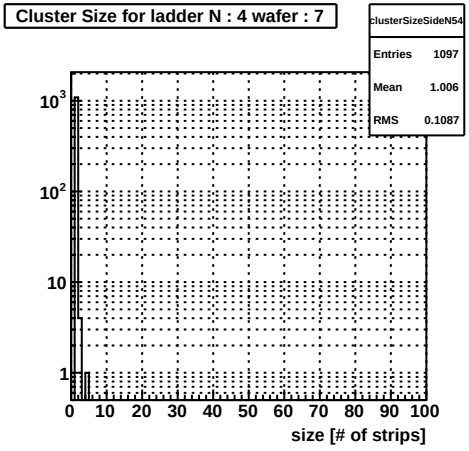

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 1217
Mean 1.101
RMS 0.406
size [# of strips]

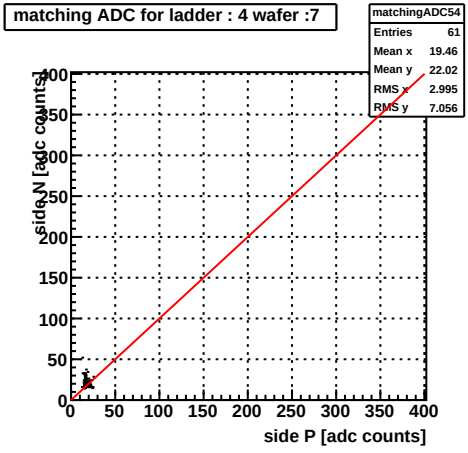

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 48
Mean x 20.88
Mean y 21.42
RMS x 5.314
RMS y 7.082
side N [adc counts]
side P [adc counts]

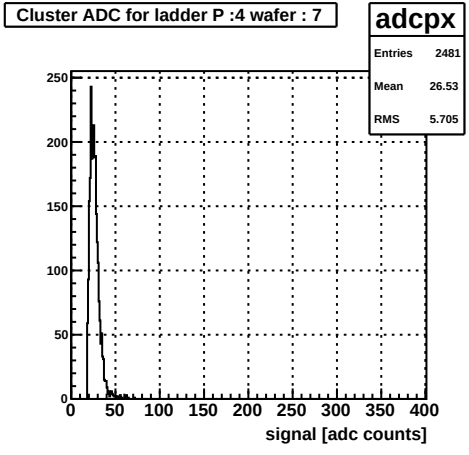

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 13142
Mean 27.52
RMS 8.272
signal [adc counts]

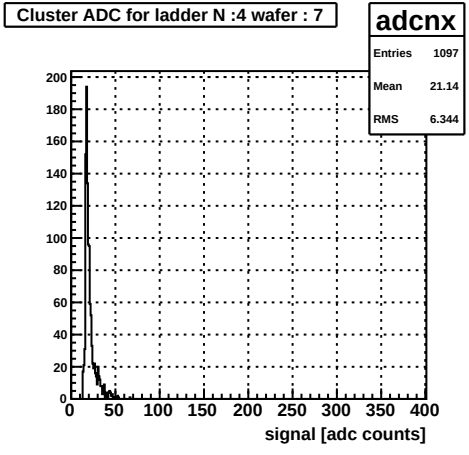

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 1217
Mean 27.3
RMS 14.31
signal [adc counts]

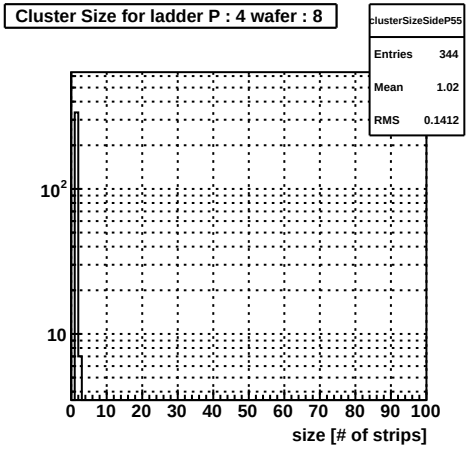

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 2481
Mean 1.013
RMS 0.1128
size [# of strips]

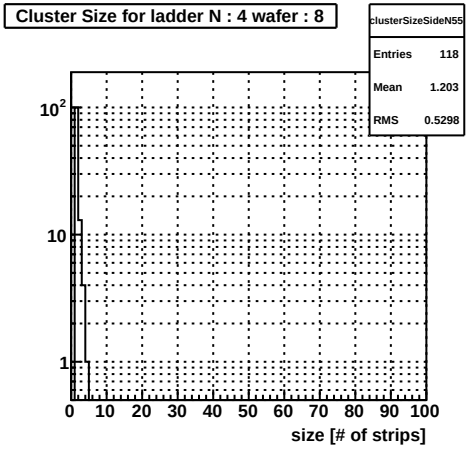

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1097
Mean 1.006
RMS 0.1087
size [# of strips]

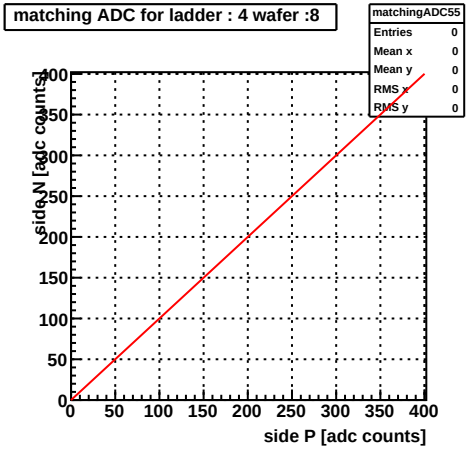

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 61
Mean x 19.46
Mean y 22.02
RMS x 2.995
RMS y 7.056
side N [adc counts]
side P [adc counts]

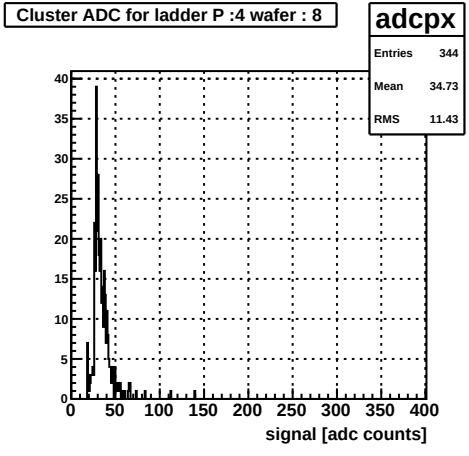

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 2481
Mean 26.53
RMS 5.705
signal [adc counts]

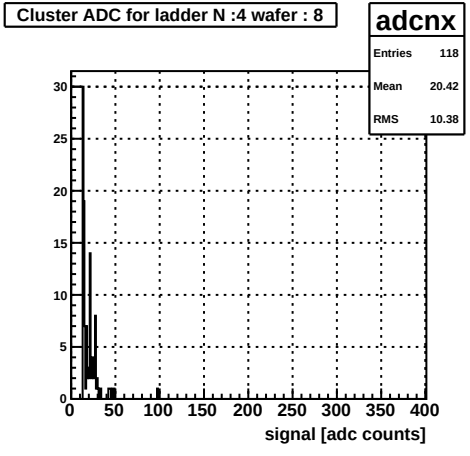

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1097
Mean 21.14
RMS 6.344
signal [adc counts]

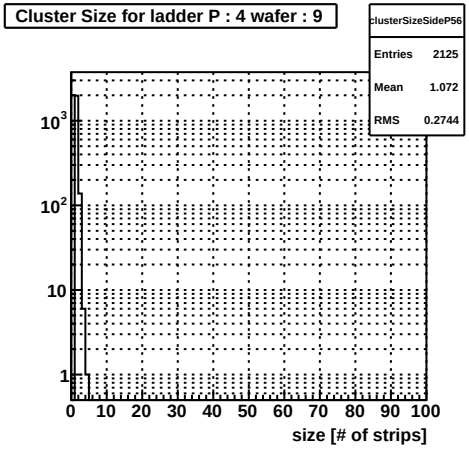

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 344
Mean 1.02
RMS 0.1412
size [# of strips]

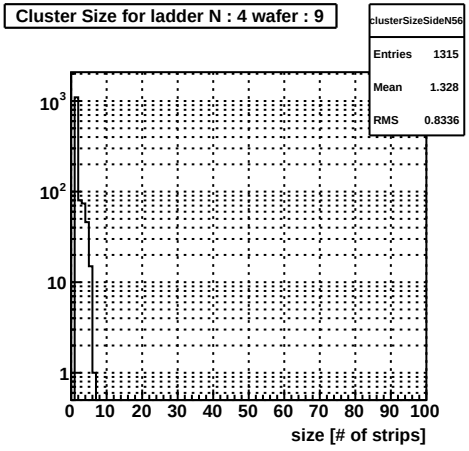

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 118
Mean 1.203
RMS 0.5298
size [# of strips]

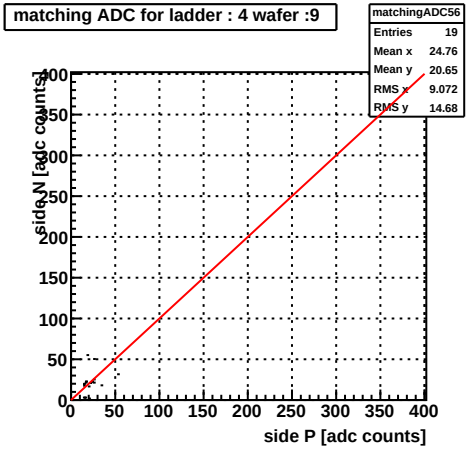

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

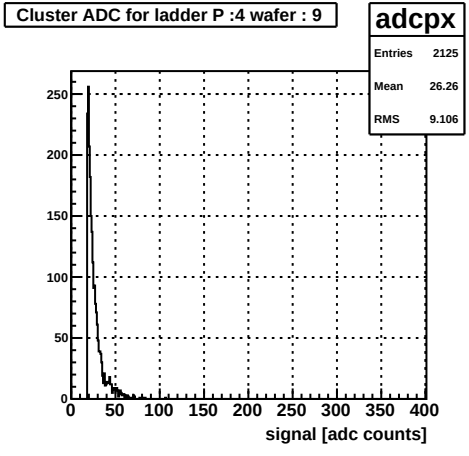

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 344
Mean 34.73
RMS 11.43
signal [adc counts]

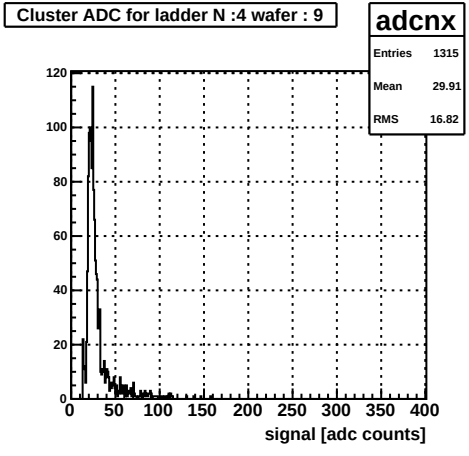

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 118
Mean 20.42
RMS 10.38
signal [adc counts]

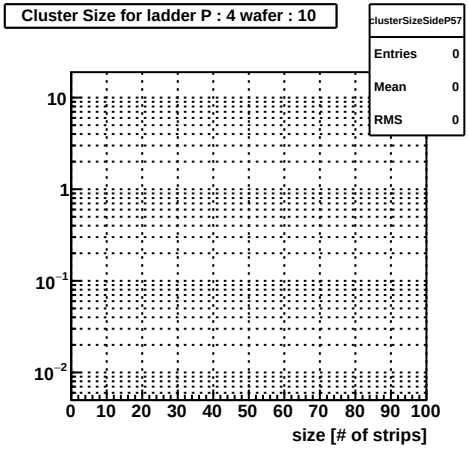

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2125
Mean 1.072
RMS 0.2744
size [# of strips]

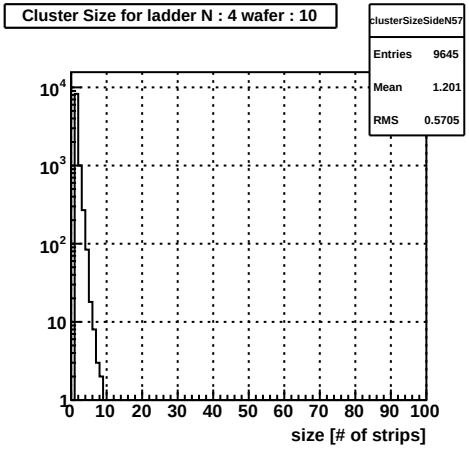

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1315
Mean 1.328
RMS 0.8336
size [# of strips]

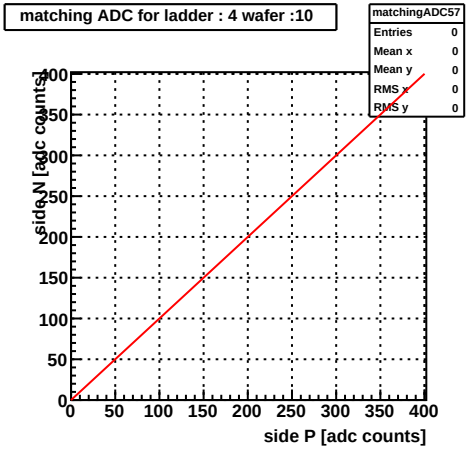

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 19
Mean x 24.76
Mean y 20.65
RMS x 9.072
RMS y 14.68
side N [adc counts]
side P [adc counts]

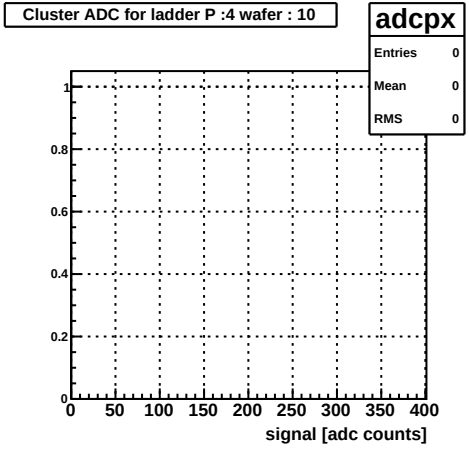

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2125
Mean 26.26
RMS 9.106
signal [adc counts]

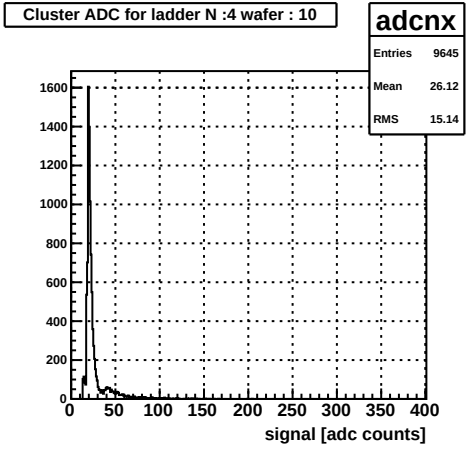

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1315
Mean 29.91
RMS 16.82
signal [adc counts]

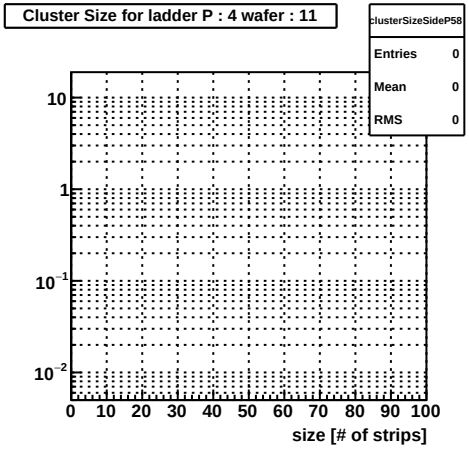

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

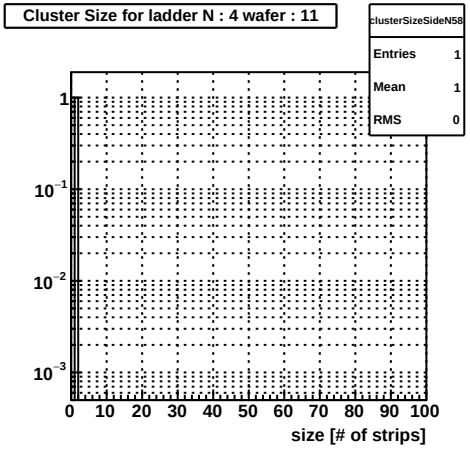

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 9645
Mean 1.201
RMS 0.5705
size [# of strips]

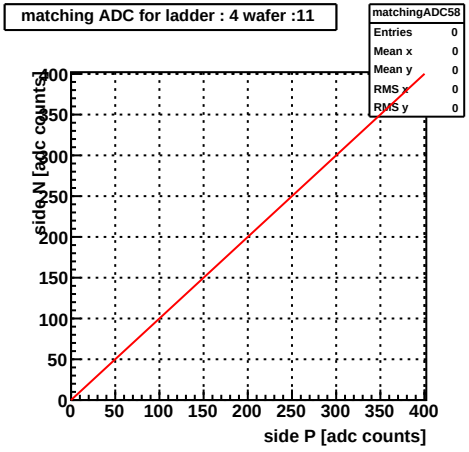

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

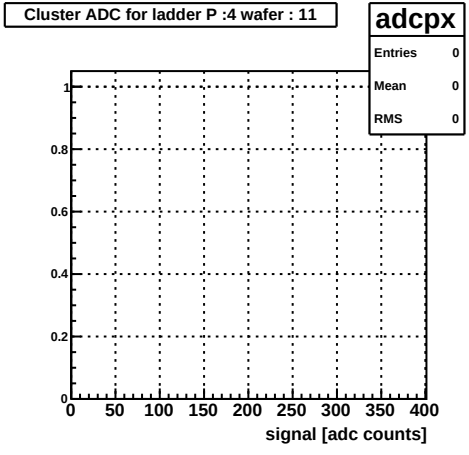

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

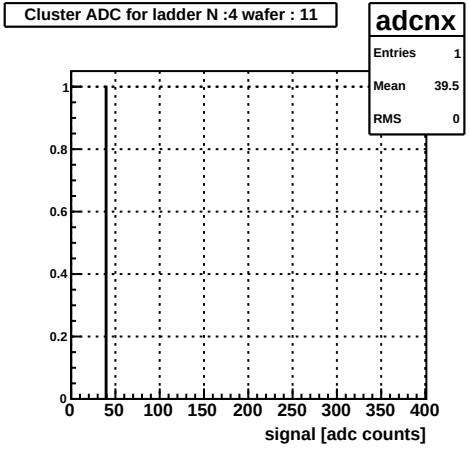

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 9645
Mean 26.12
RMS 15.14
signal [adc counts]

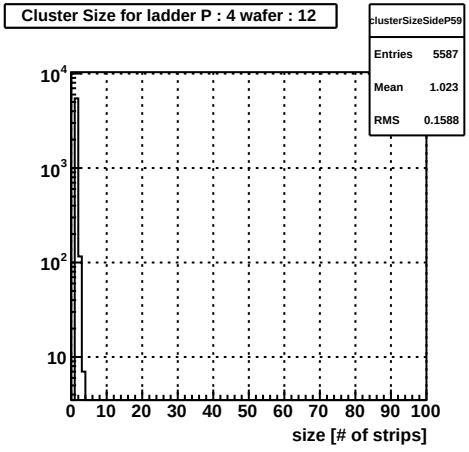

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 0
Mean 0
RMS 0
size [# of strips]

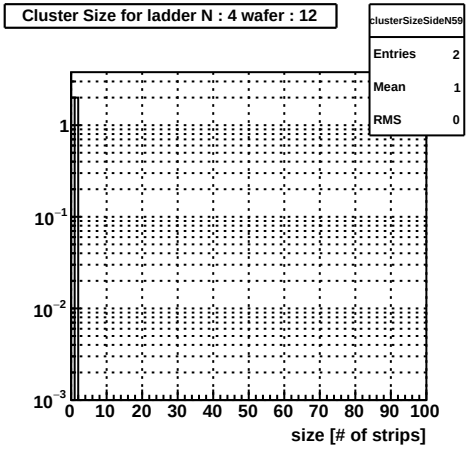

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1
Mean 1
RMS 0
size [# of strips]

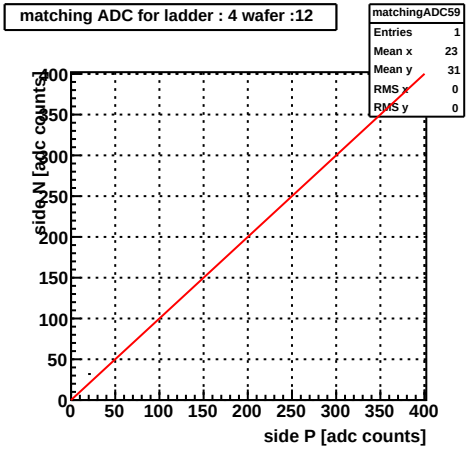

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

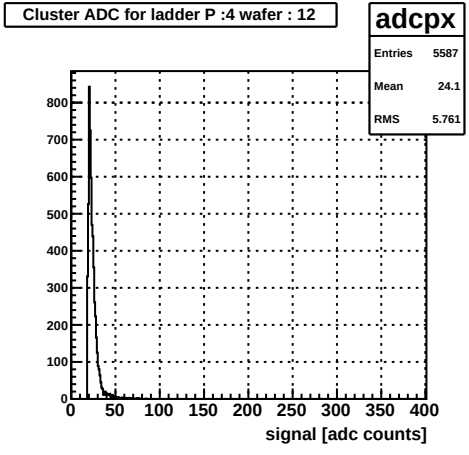

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

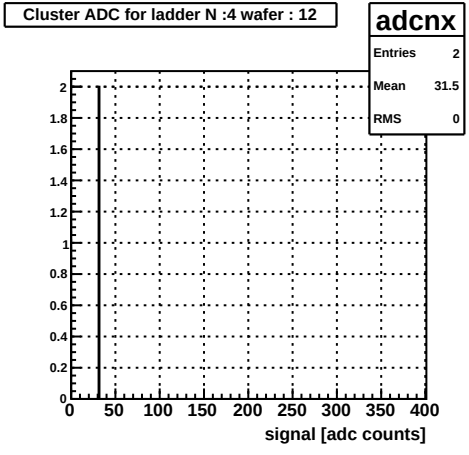

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1
Mean 39.5
RMS 0
signal [adc counts]

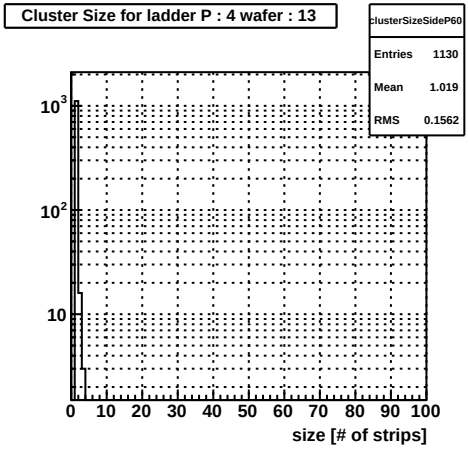

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5587
Mean 1.023
RMS 0.1588
size [# of strips]

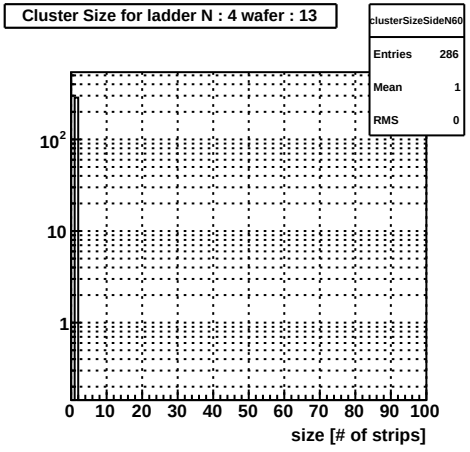

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2
Mean 1
RMS 0
size [# of strips]

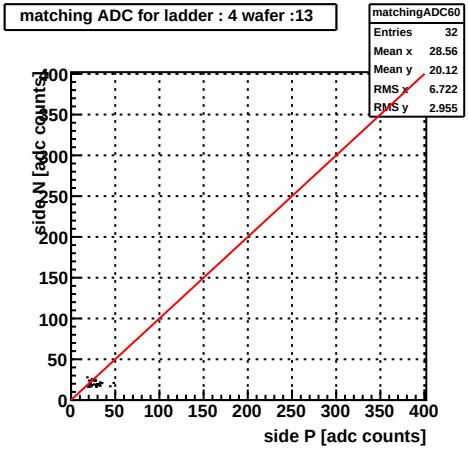

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1
Mean x 23
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

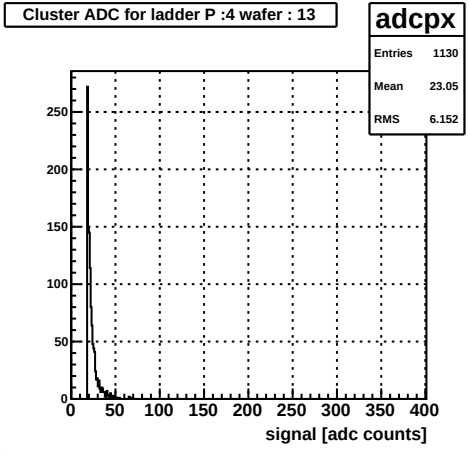

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5587
Mean 24.1
RMS 5.761
signal [adc counts]

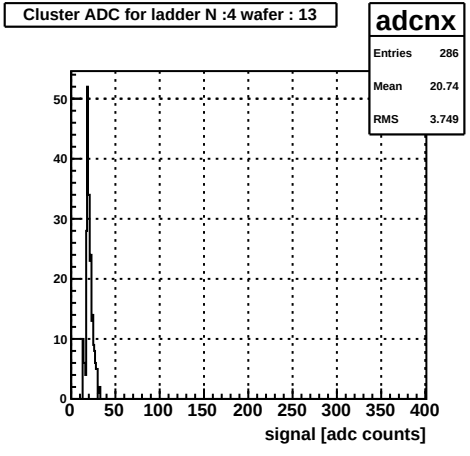

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2
Mean 31.5
RMS 0
signal [adc counts]

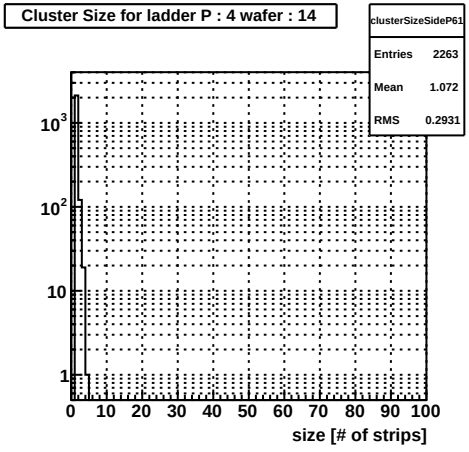

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1130
Mean 1.019
RMS 0.1562
size [# of strips]

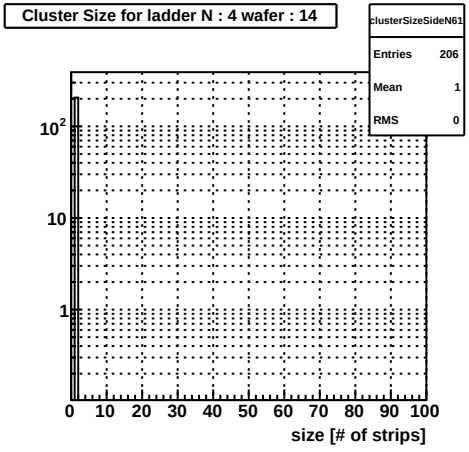

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 286
Mean 1
RMS 0
size [# of strips]

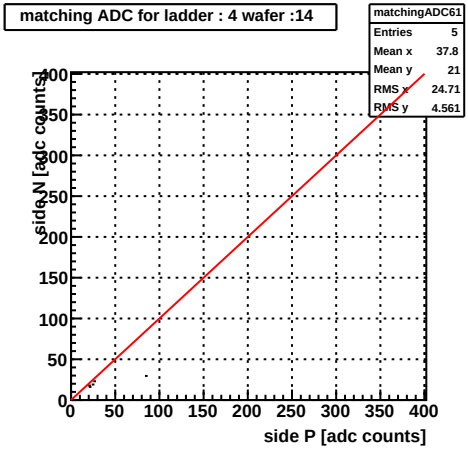

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 32
Mean x 28.56
Mean y 20.12
RMS x 6.722
RMS y 2.955
side N [adc counts]
side P [adc counts]

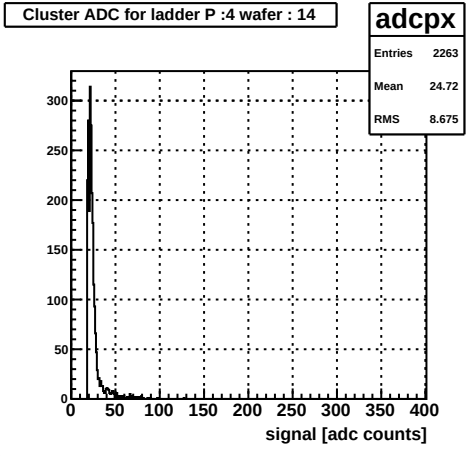

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1130
Mean 23.05
RMS 6.152
signal [adc counts]

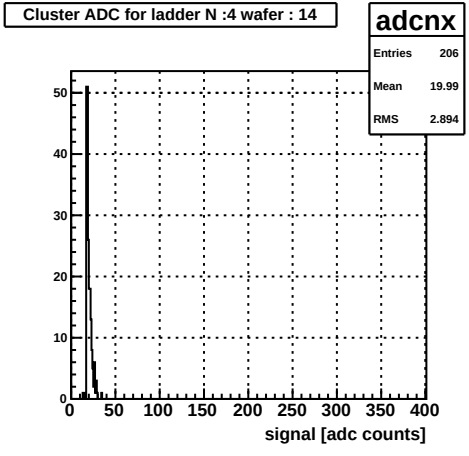

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 286
Mean 20.74
RMS 3.749
signal [adc counts]

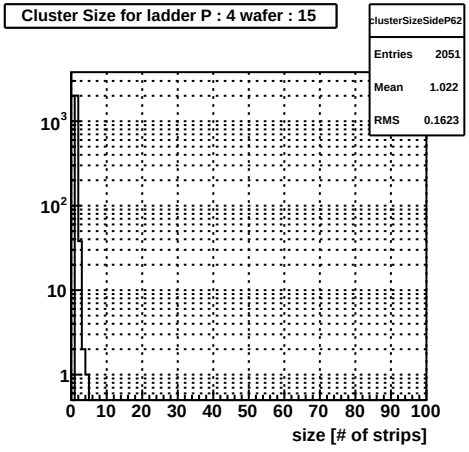

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2263
Mean 1.072
RMS 0.2931
size [# of strips]

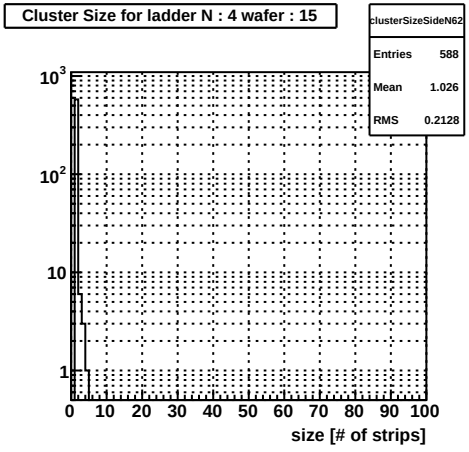

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 206
Mean 1
RMS 0
size [# of strips]

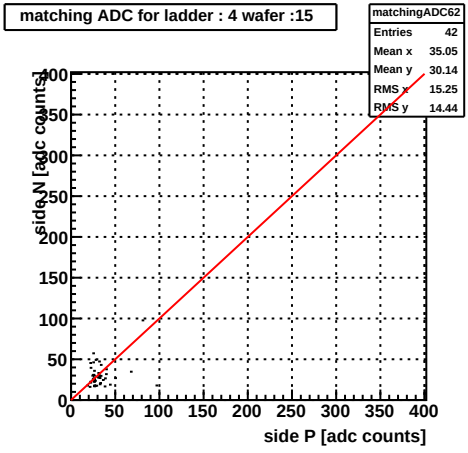

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5
Mean x 37.8
Mean y 21
RMS x 24.71
RMS y 4.561
side N [adc counts]
side P [adc counts]

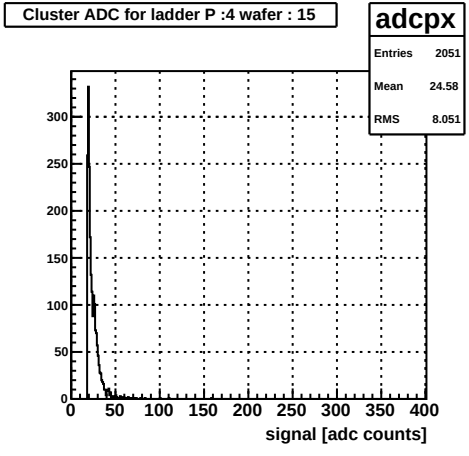

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2263
Mean 24.72
RMS 8.675
signal [adc counts]

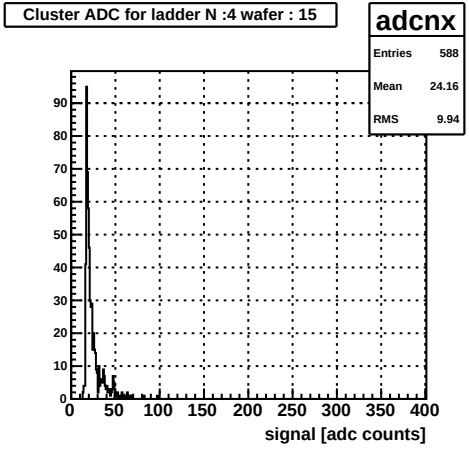

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 206
Mean 19.99
RMS 2.894
signal [adc counts]

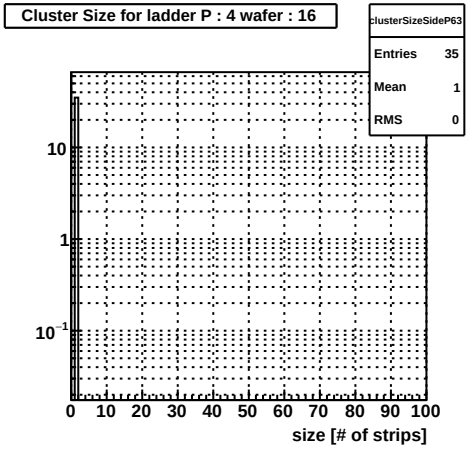

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2051
Mean 1.022
RMS 0.1623
size [# of strips]

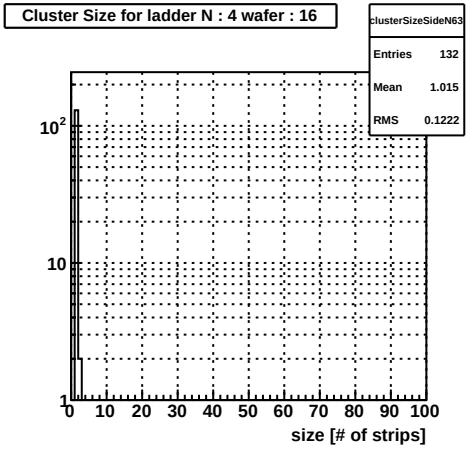

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 588
Mean 1.026
RMS 0.2128
size [# of strips]

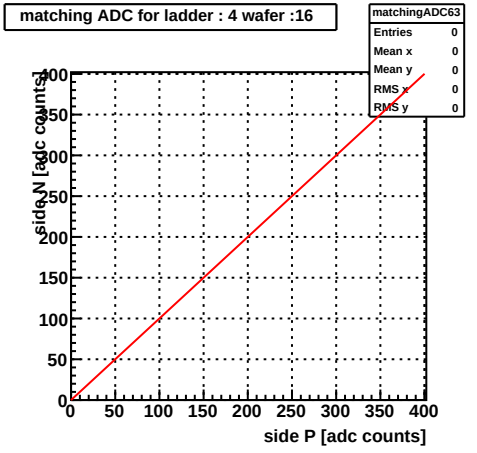

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 42
Mean x 35.05
Mean y 30.14
RMS x 15.25
RMS y 14.44
side N [adc counts]
side P [adc counts]

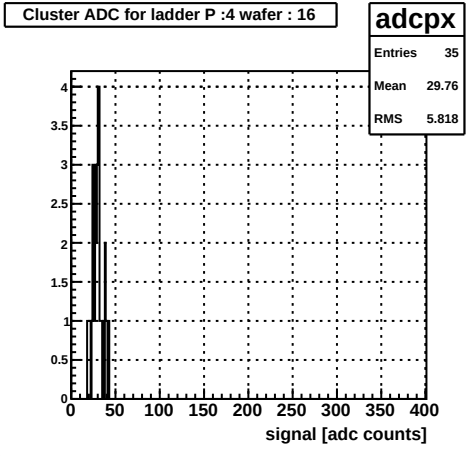

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2051
Mean 24.58
RMS 8.051
signal [adc counts]

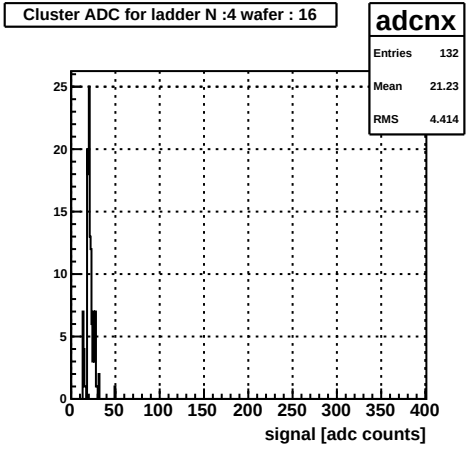

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 588
Mean 24.16
RMS 9.94
signal [adc counts]

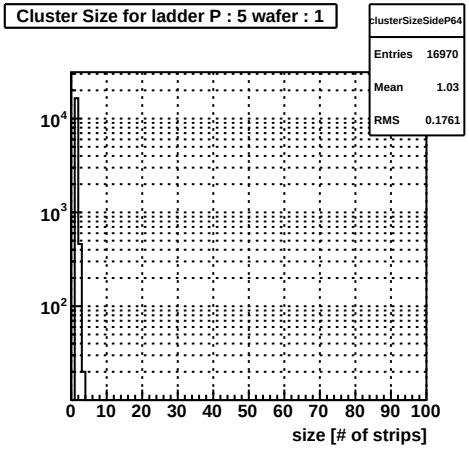

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 35
Mean 1
RMS 0
size [# of strips]

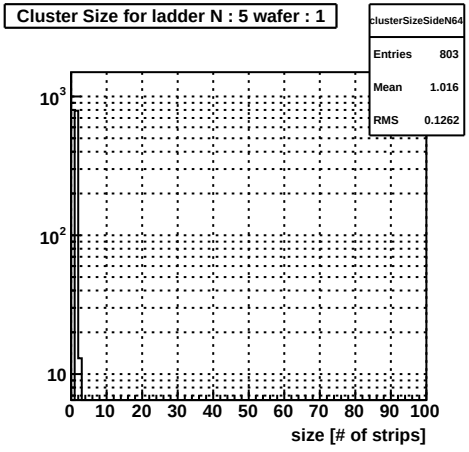

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 132
Mean 1.015
RMS 0.1222
size [# of strips]

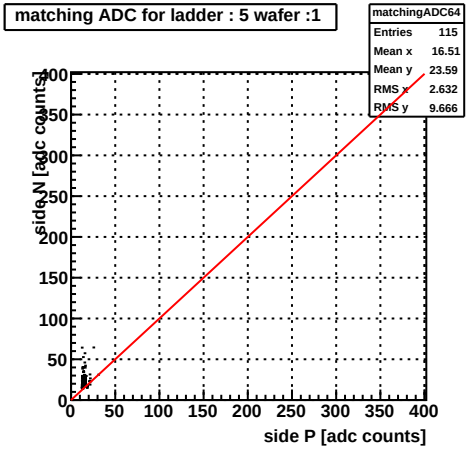

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

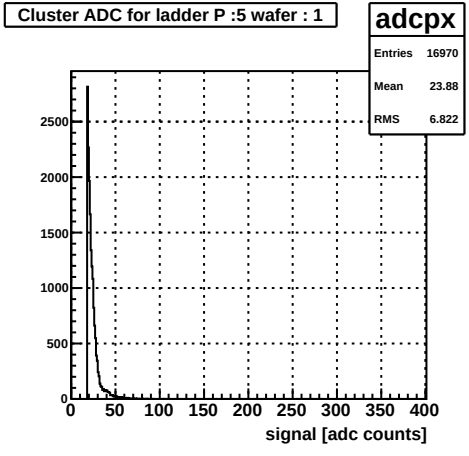

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 35
Mean 29.76
RMS 5.818
signal [adc counts]

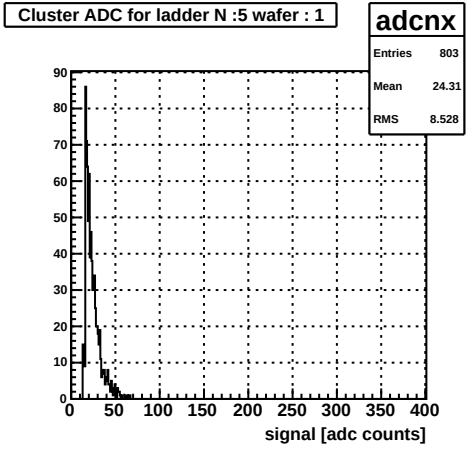

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 132
Mean 21.23
RMS 4.414
signal [adc counts]

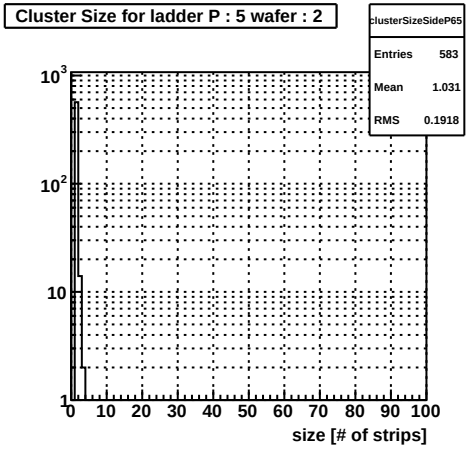

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 16970
Mean 1.03
RMS 0.1761
size [# of strips]

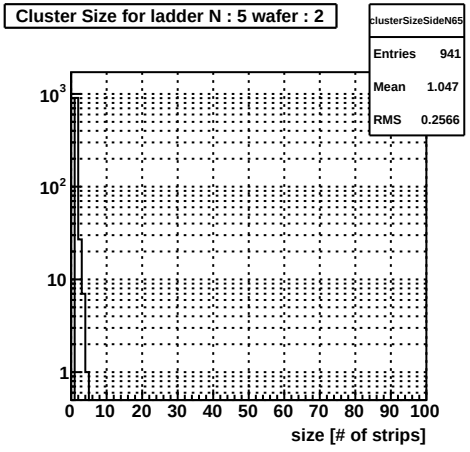

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 803
Mean 1.016
RMS 0.1262
size [# of strips]

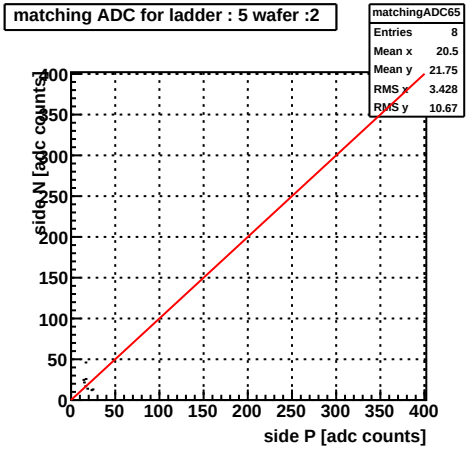

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 115
Mean x 16.51
Mean y 23.59
RMS x 2.632
RMS y 9.666
side N [adc counts]
side P [adc counts]

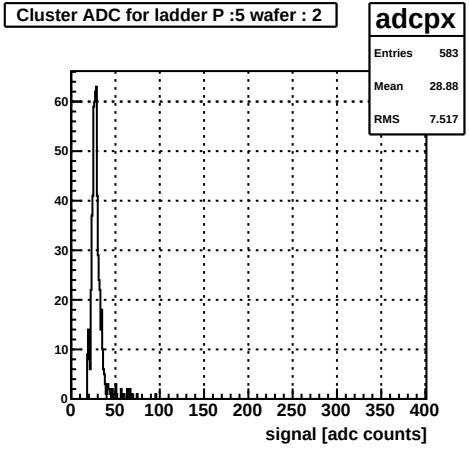

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 16970
Mean 23.88
RMS 6.822
signal [adc counts]

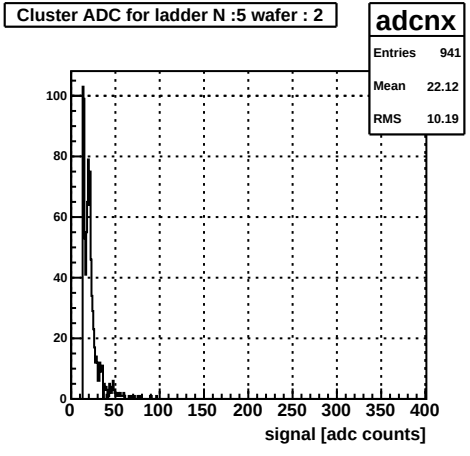

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 803
Mean 24.31
RMS 8.528
signal [adc counts]

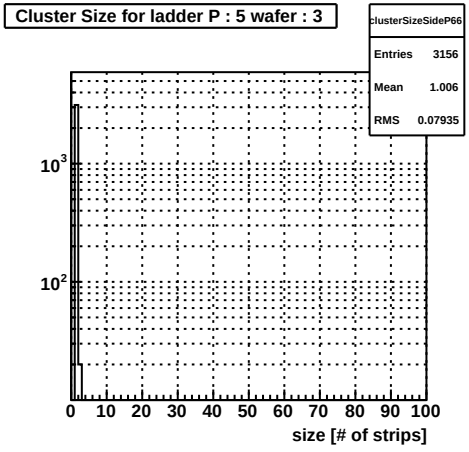

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 583
Mean 1.031
RMS 0.1918
size [# of strips]

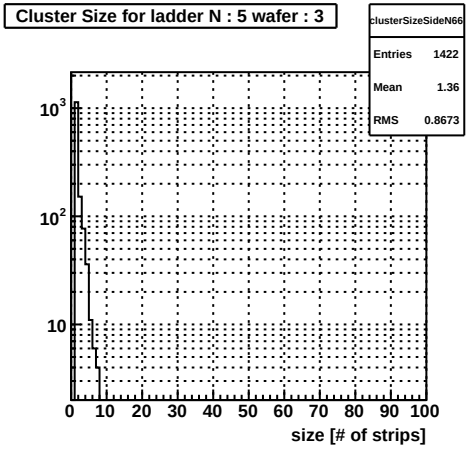

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 941
Mean 1.047
RMS 0.2566
size [# of strips]

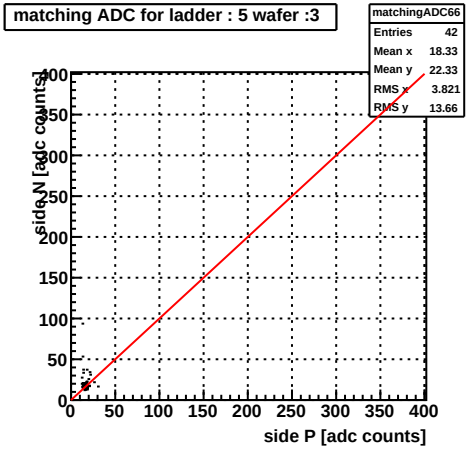

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 8
Mean x 20.5
Mean y 21.75
RMS x 3.428
RMS y 10.67
side N [adc counts]
side P [adc counts]

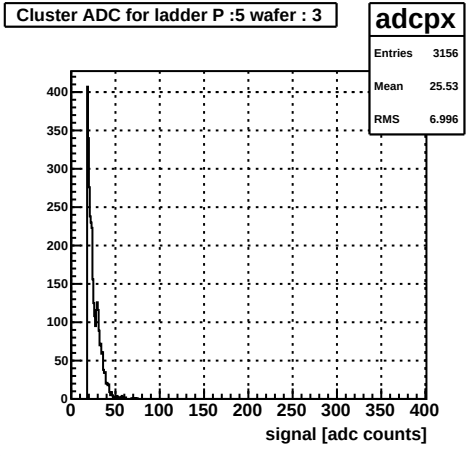

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 583
Mean 28.88
RMS 7.517
signal [adc counts]

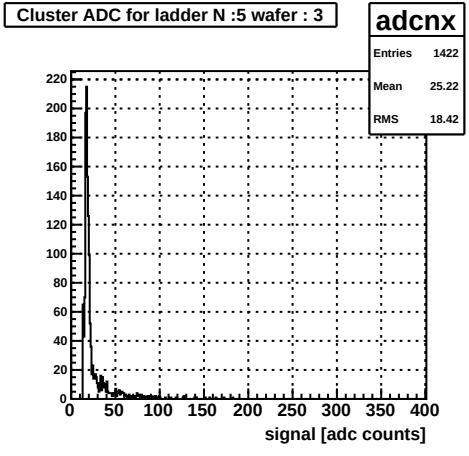

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 941
Mean 22.12
RMS 10.19
signal [adc counts]

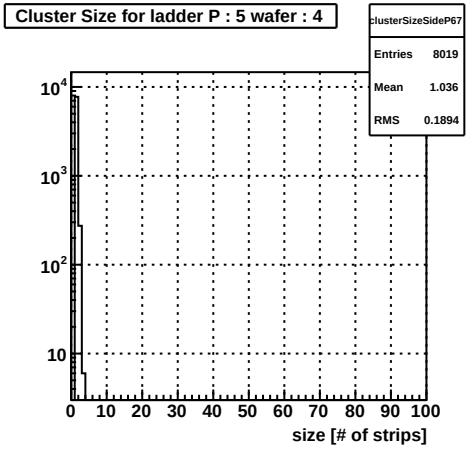

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3156
Mean 1.006
RMS 0.07935
size [# of strips]

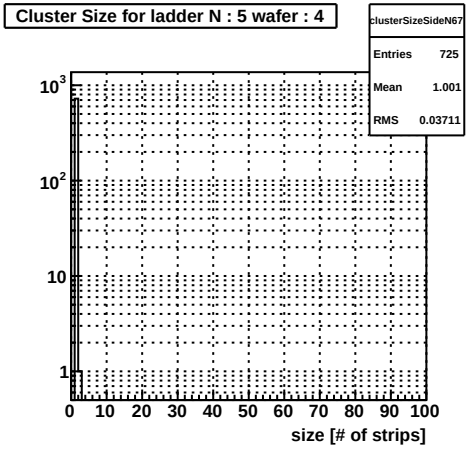

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1422
Mean 1.36
RMS 0.8673
size [# of strips]

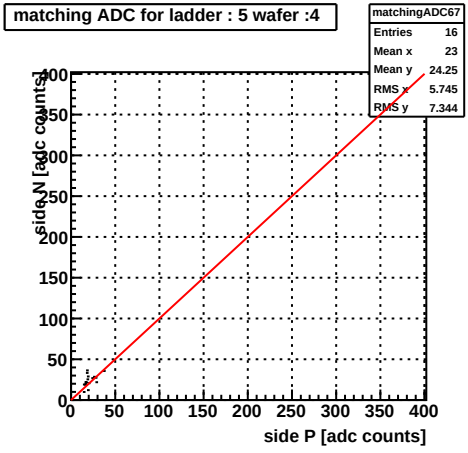

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 42
Mean x 18.33
Mean y 22.33
RMS x 3.821
RMS y 13.66
side N [adc counts]
side P [adc counts]

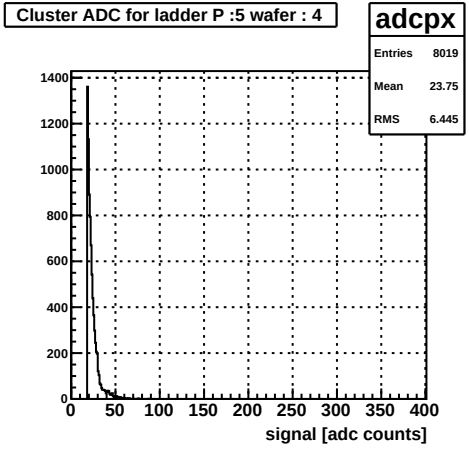

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3156
Mean 25.53
RMS 6.996
signal [adc counts]

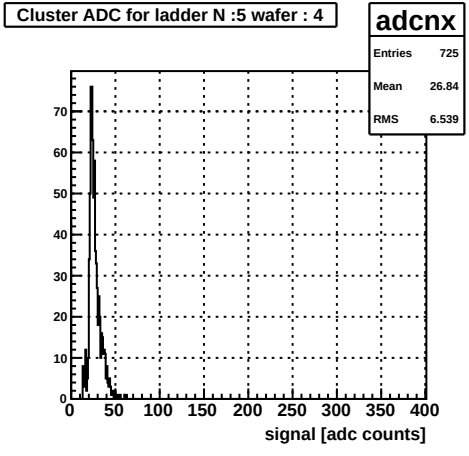

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1422
Mean 25.22
RMS 18.42
signal [adc counts]

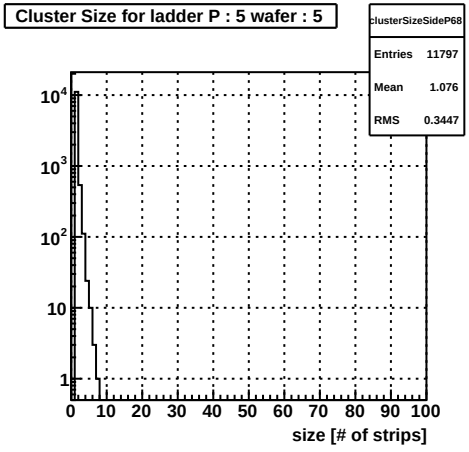

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8019
Mean 1.036
RMS 0.1894
size [# of strips]

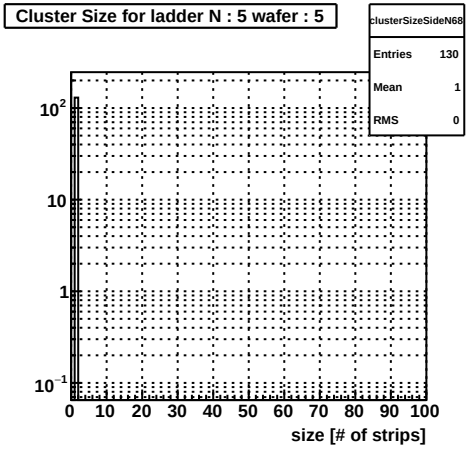

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 725
Mean 1.001
RMS 0.03711
size [# of strips]

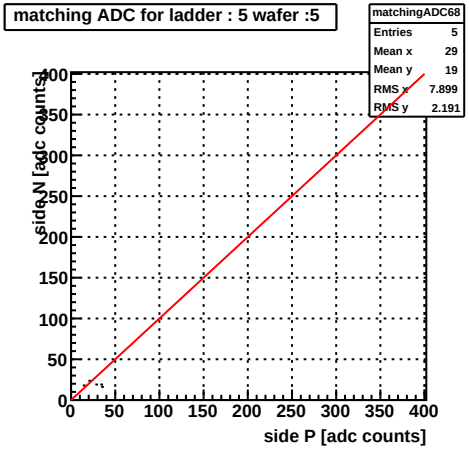

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 16
Mean x 23
Mean y 24.25
RMS x 5.745
RMS y 7.344
side N [adc counts]
side P [adc counts]

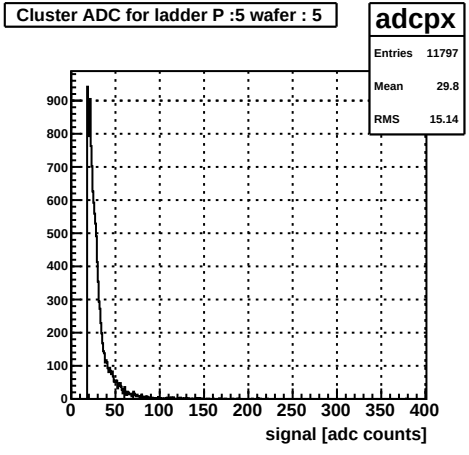

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8019
Mean 23.75
RMS 6.445
signal [adc counts]

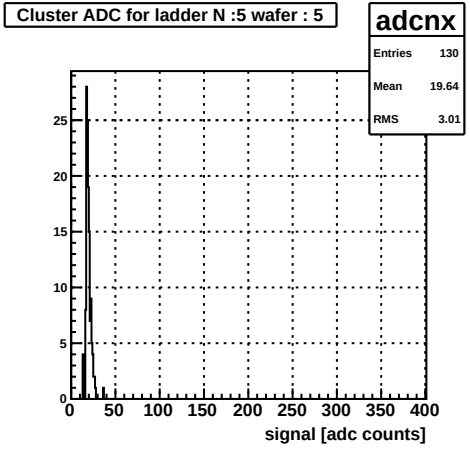

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 725
Mean 26.84
RMS 6.539
signal [adc counts]

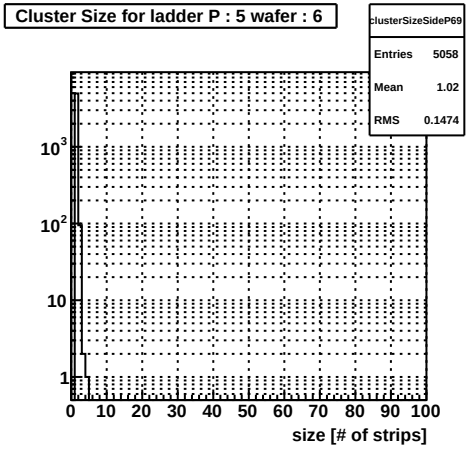

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 11797
Mean 1.076
RMS 0.3447
size [# of strips]

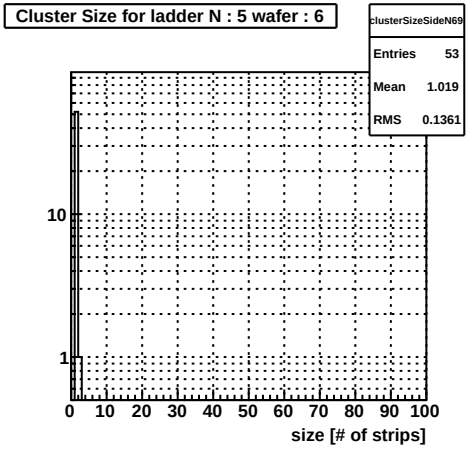

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 130
Mean 1
RMS 0
size [# of strips]

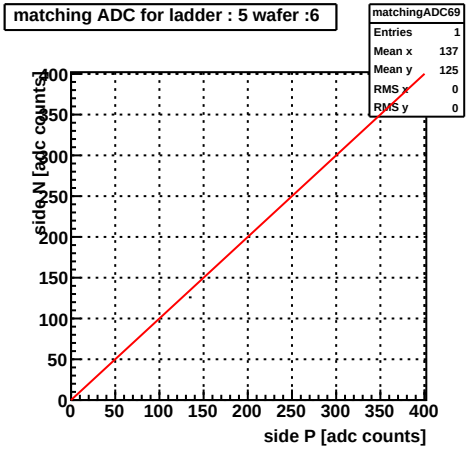

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 5
Mean x 29
Mean y 19
RMS x 7.899
RMS y 2.191
side N [adc counts]
side P [adc counts]

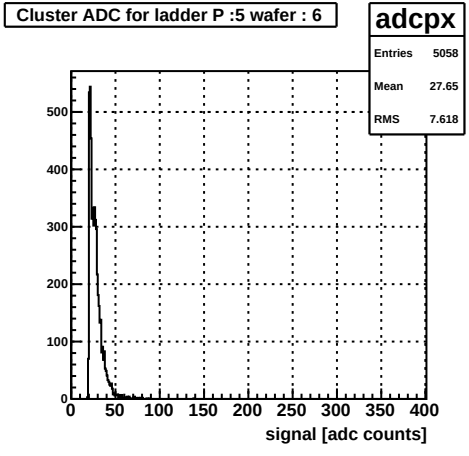

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 11797
Mean 29.8
RMS 15.14
signal [adc counts]

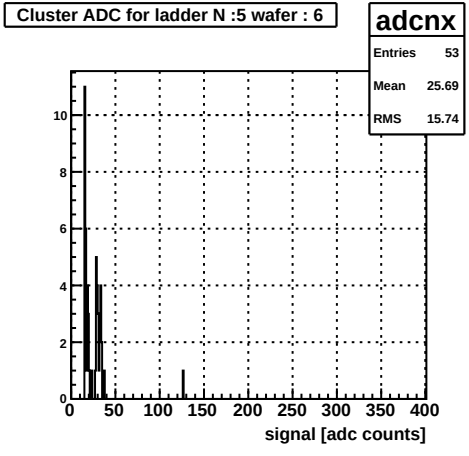

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 130
Mean 19.64
RMS 3.01
signal [adc counts]

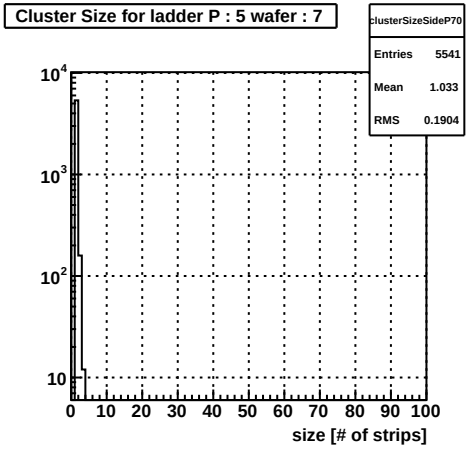

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 5058
Mean 1.02
RMS 0.1474
size [# of strips]

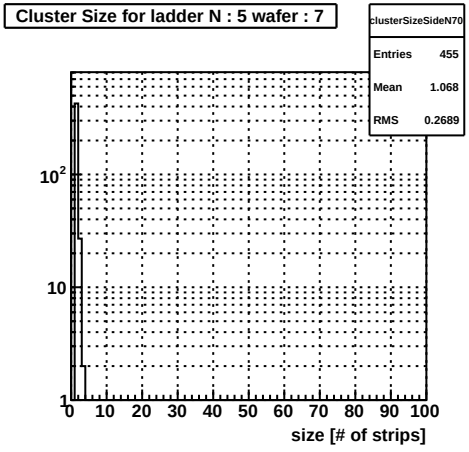

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 53
Mean 1.019
RMS 0.1361
size [# of strips]

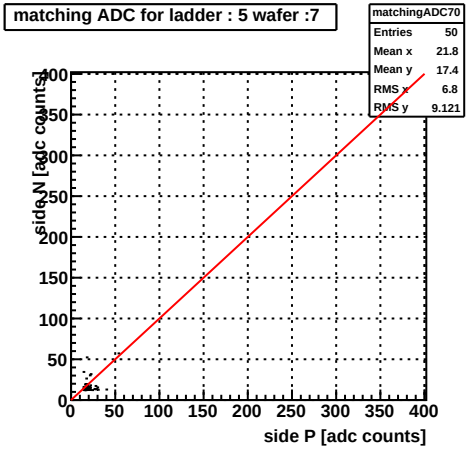

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1
Mean x 137
Mean y 125
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

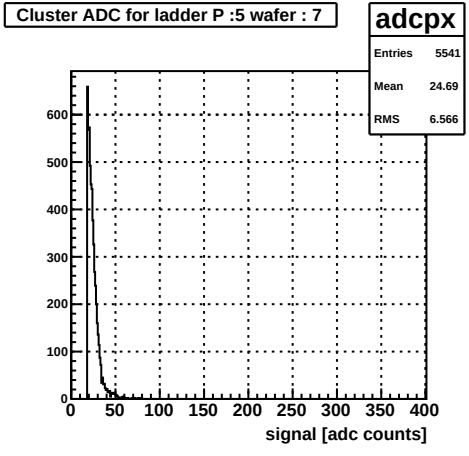

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 5058
Mean 27.65
RMS 7.618
signal [adc counts]

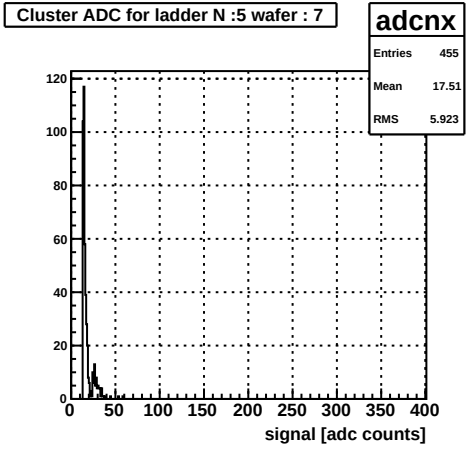

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 53
Mean 25.69
RMS 15.74
signal [adc counts]

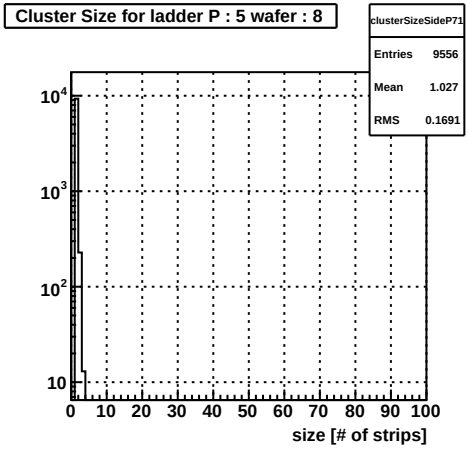

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 5541
Mean 1.033
RMS 0.1904
size [# of strips]

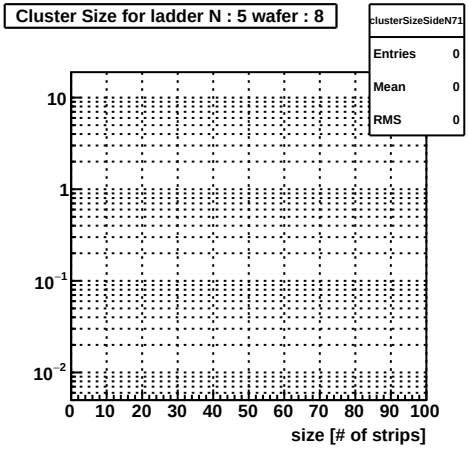

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 455
Mean 1.068
RMS 0.2689
size [# of strips]

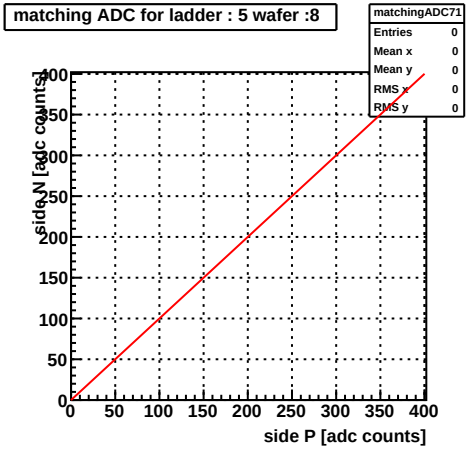

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 50
Mean x 21.8
Mean y 17.4
RMS x 6.8
RMS y 9.121
side N [adc counts]
side P [adc counts]

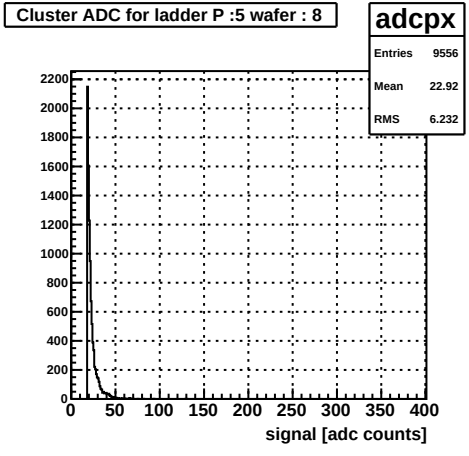

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 5541
Mean 24.69
RMS 6.566
signal [adc counts]

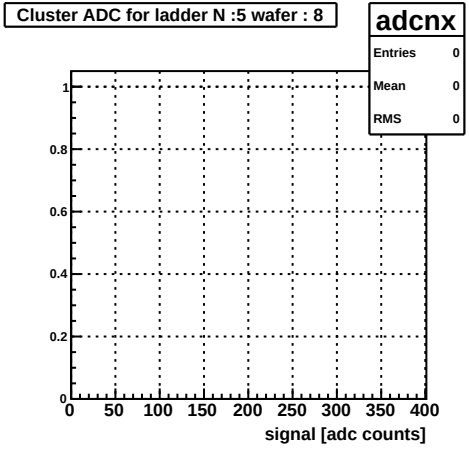

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 455
Mean 17.51
RMS 5.923
signal [adc counts]

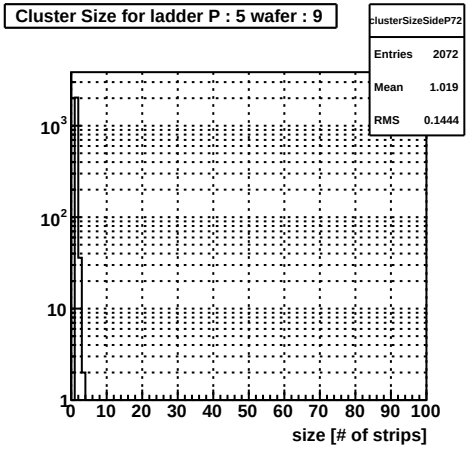

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 9556
Mean 1.027
RMS 0.1691
size [# of strips]

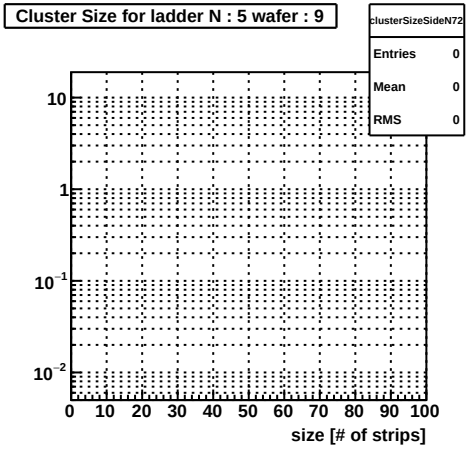

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

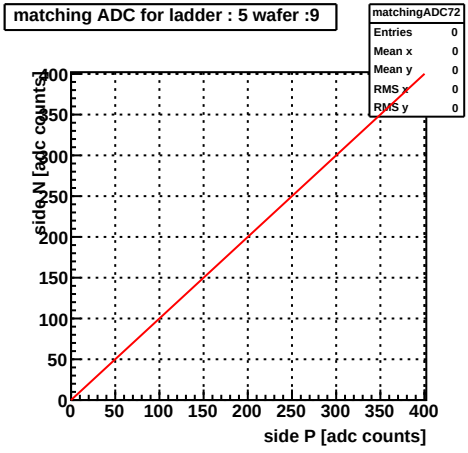

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

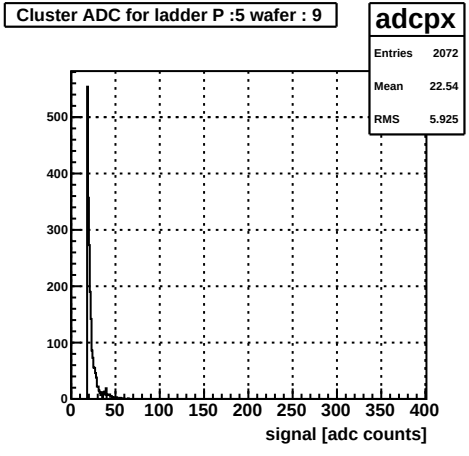

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 9556
Mean 22.92
RMS 6.232
signal [adc counts]

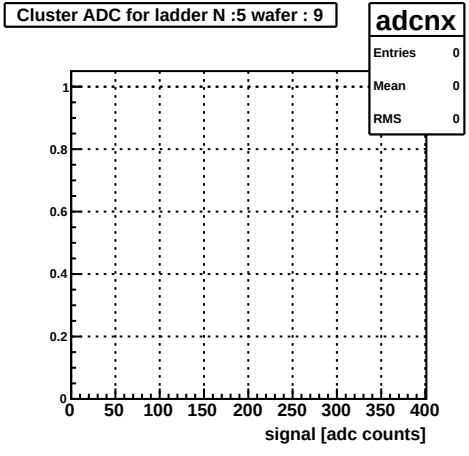

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

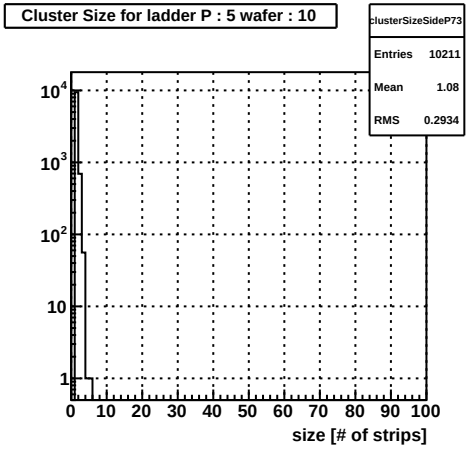

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2072
Mean 1.019
RMS 0.1444
size [# of strips]

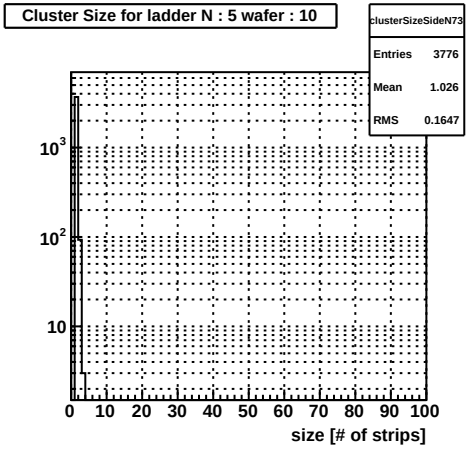

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

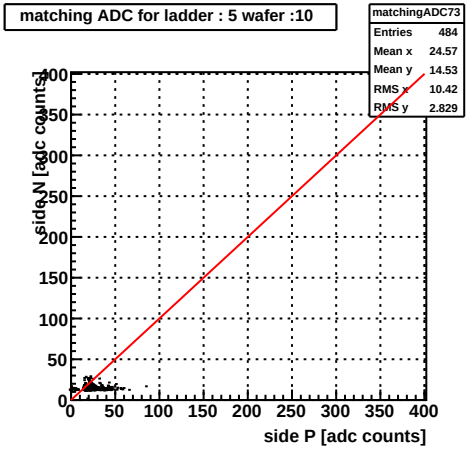

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

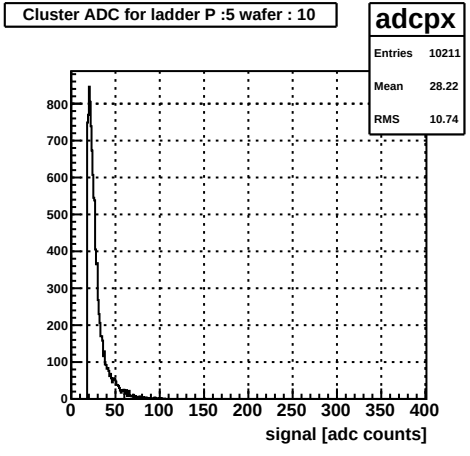

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2072
Mean 22.54
RMS 5.925
signal [adc counts]

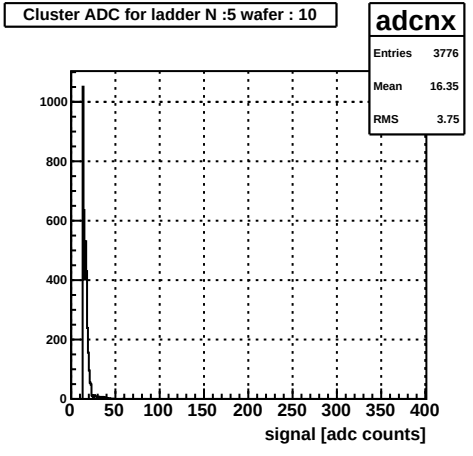

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

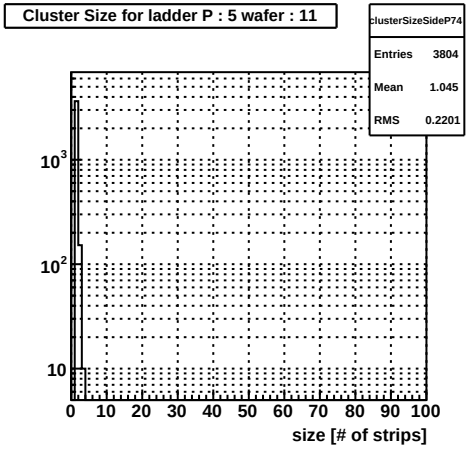

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10211
Mean 1.08
RMS 0.2934
size [# of strips]

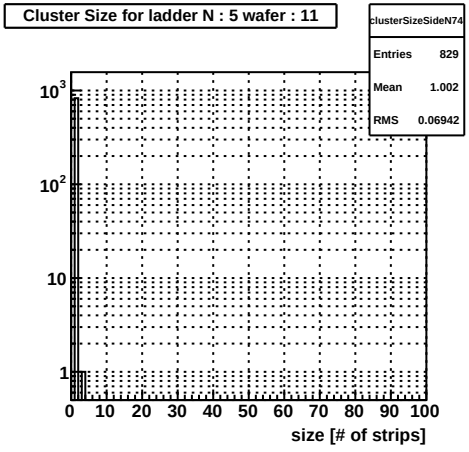

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3776
Mean 1.026
RMS 0.1647
size [# of strips]

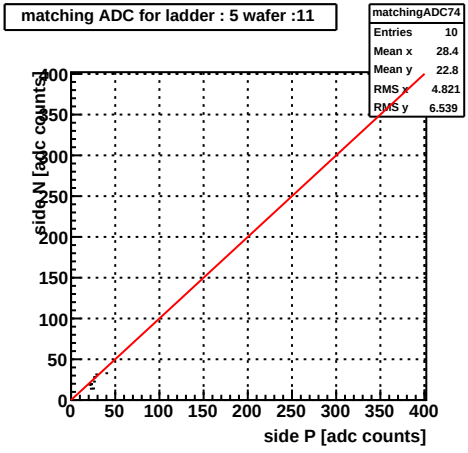

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 484
Mean x 24.57
Mean y 14.53
RMS x 10.42
RMS y 2.829
side N [adc counts]
side P [adc counts]

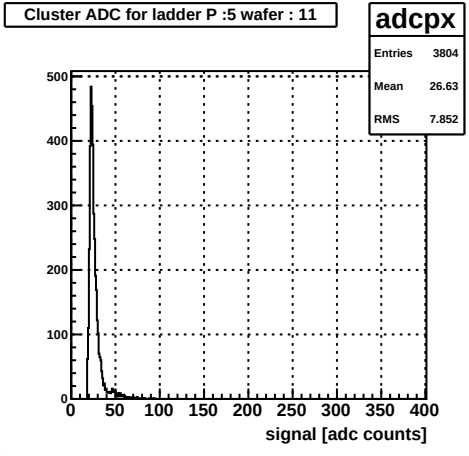

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10211
Mean 28.22
RMS 10.74
signal [adc counts]

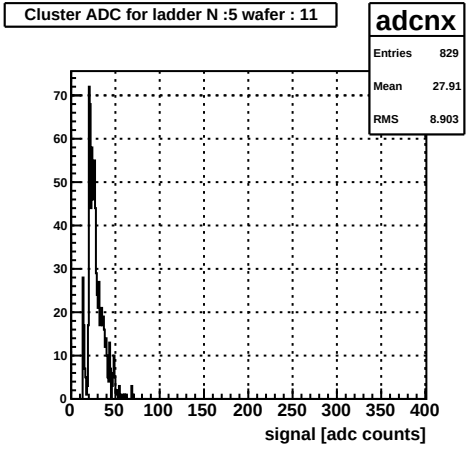

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3776
Mean 16.35
RMS 3.75
signal [adc counts]

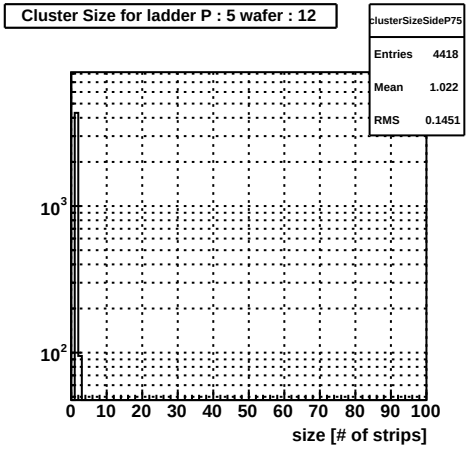

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 3804
Mean 1.045
RMS 0.2201
size [# of strips]

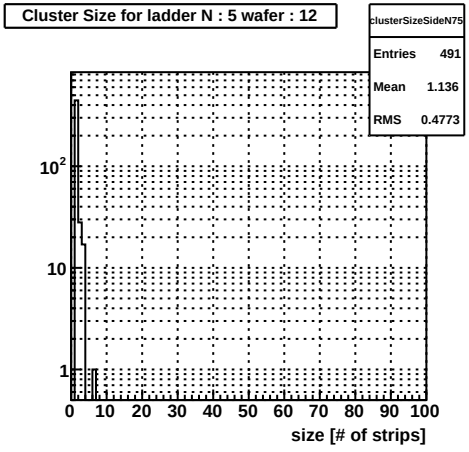

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 829
Mean 1.002
RMS 0.06942
size [# of strips]

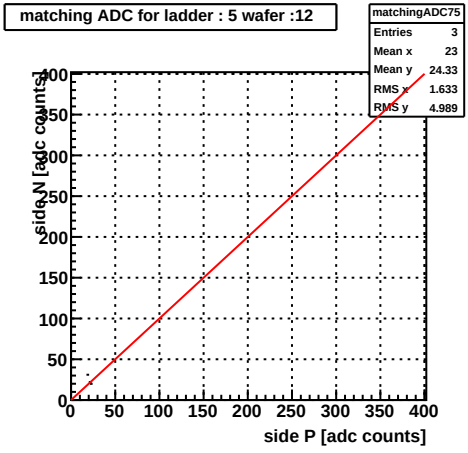

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 10
Mean x 28.4
Mean y 22.8
RMS x 4.821
RMS y 6.539
side N [adc counts]
side P [adc counts]

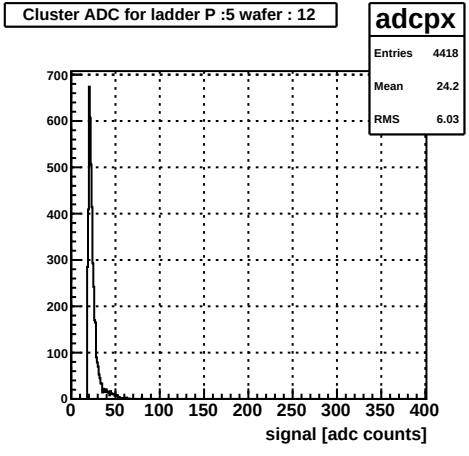

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 3804
Mean 26.63
RMS 7.852
signal [adc counts]

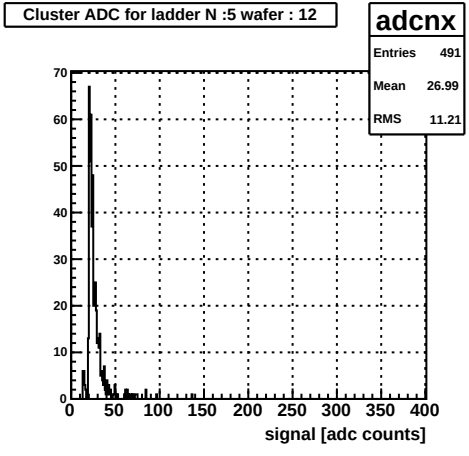

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 829
Mean 27.91
RMS 8.903
signal [adc counts]

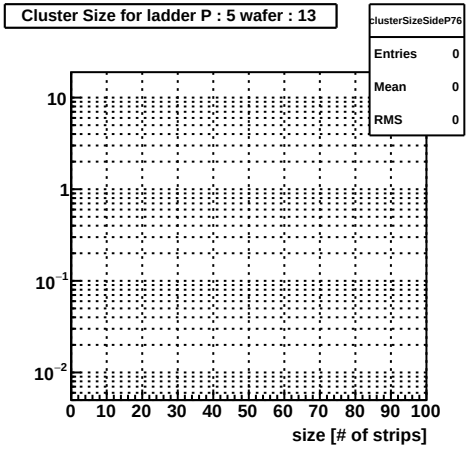

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 4418
Mean 1.022
RMS 0.1451
size [# of strips]

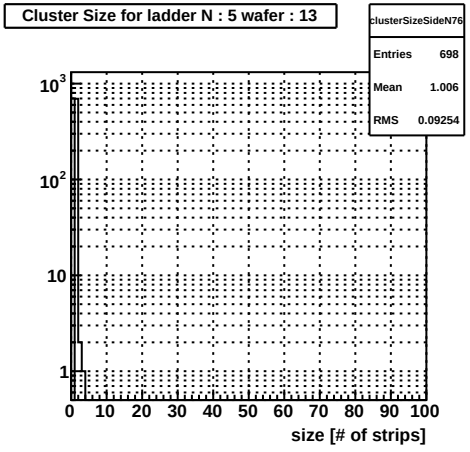

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 491
Mean 1.136
RMS 0.4773
size [# of strips]

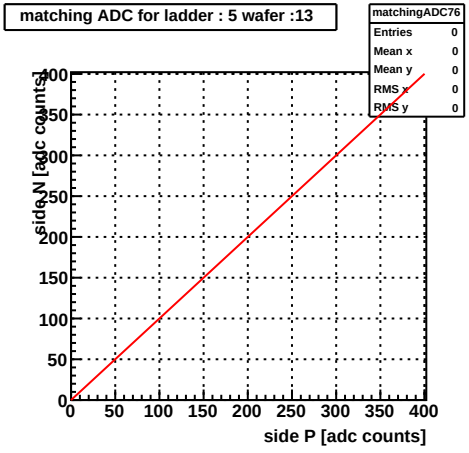

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 3
Mean x 23
Mean y 24.33
RMS x 1.633
RMS y 4.989
side N [adc counts]
side P [adc counts]

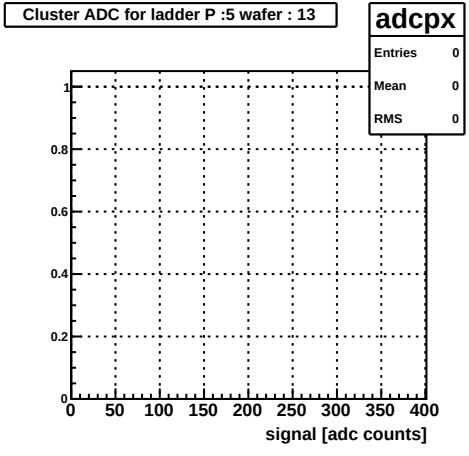

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 4418
Mean 24.2
RMS 6.03
signal [adc counts]

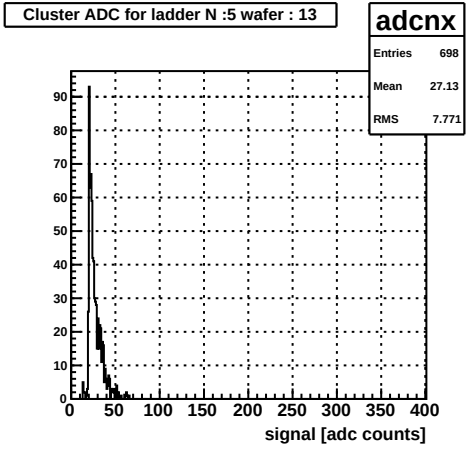

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 491
Mean 26.99
RMS 11.21
signal [adc counts]

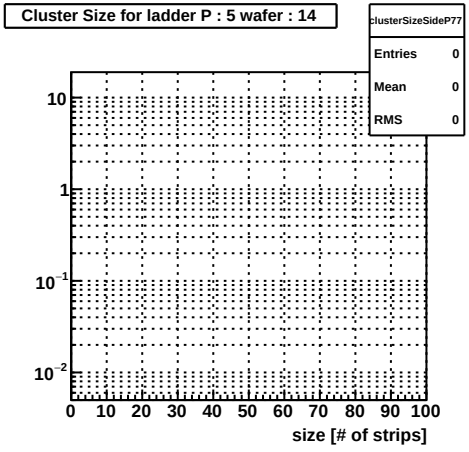

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

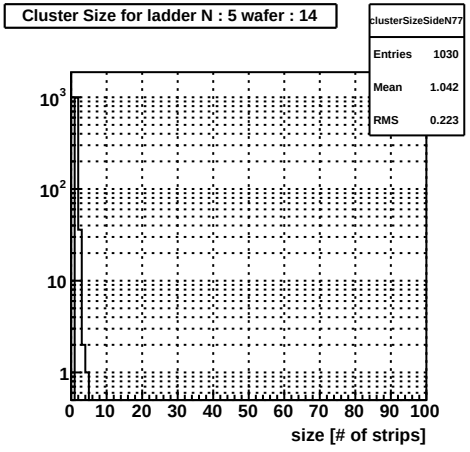

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 698
Mean 1.006
RMS 0.09254
size [# of strips]

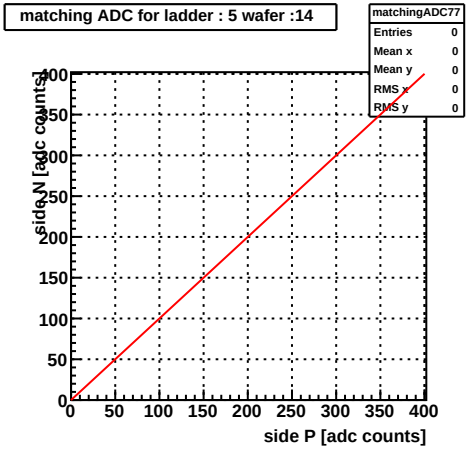

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

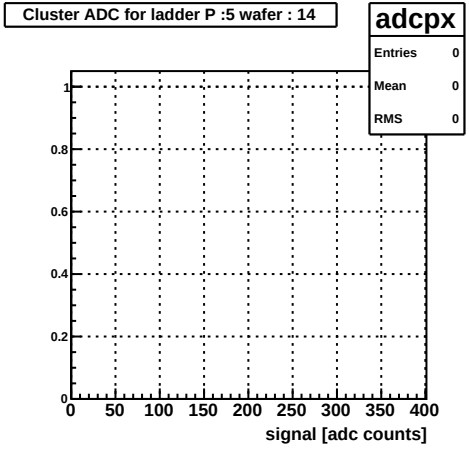

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

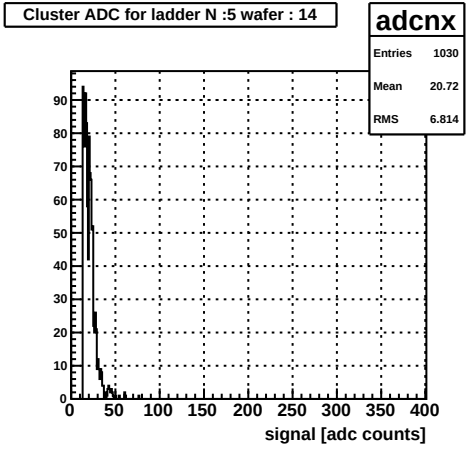

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 698
Mean 27.13
RMS 7.771
signal [adc counts]

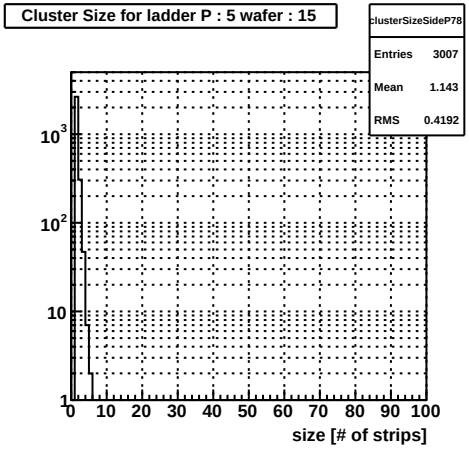

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

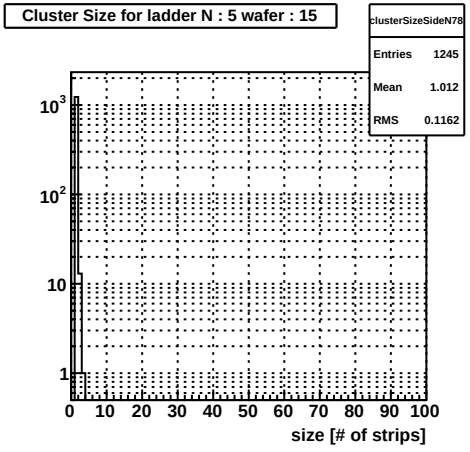

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1030
Mean 1.042
RMS 0.223
size [# of strips]

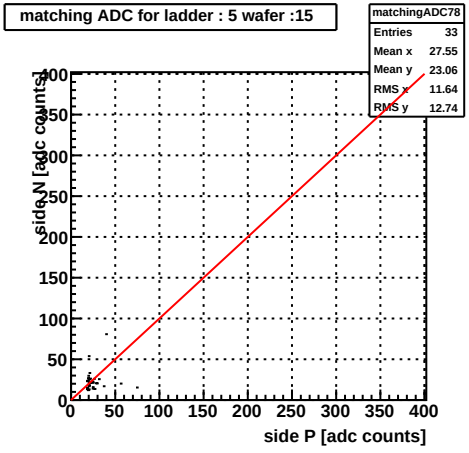

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

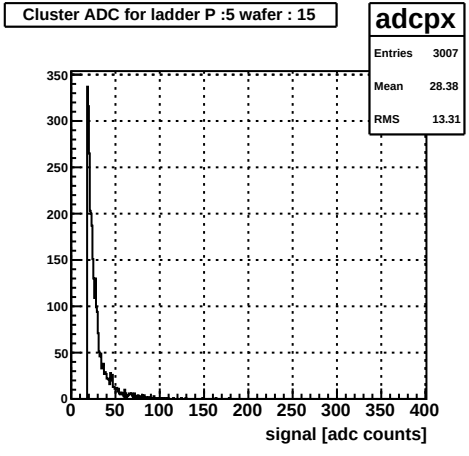

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

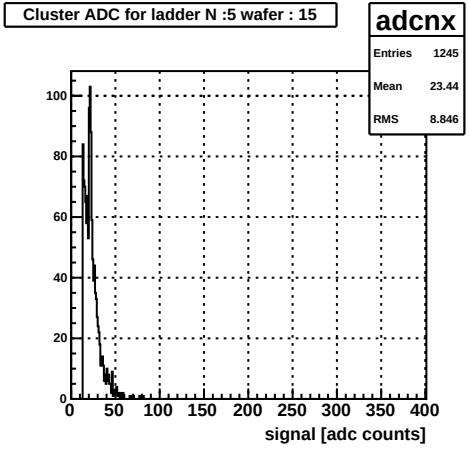

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1030
Mean 20.72
RMS 6.814
signal [adc counts]

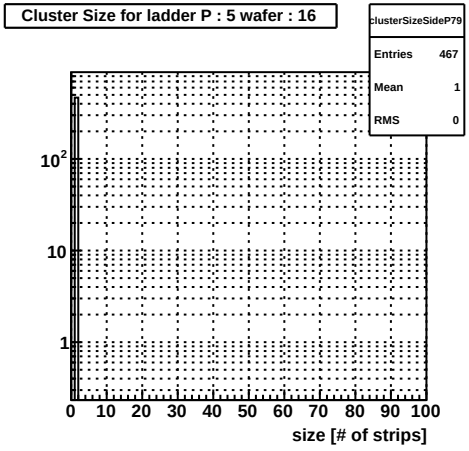

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3007
Mean 1.143
RMS 0.4192
size [# of strips]

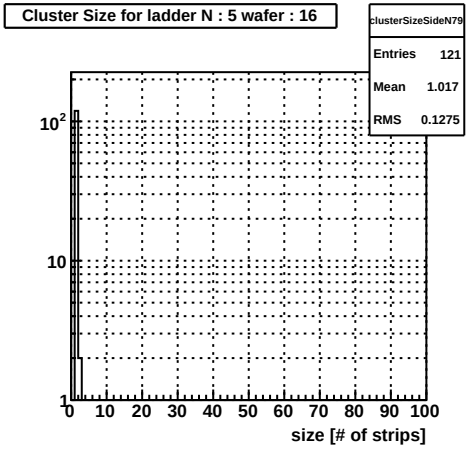

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1245
Mean 1.012
RMS 0.1162
size [# of strips]

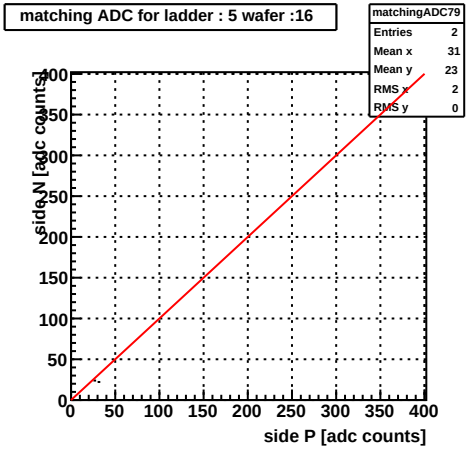

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 33
Mean x 27.55
Mean y 23.06
RMS x 11.64
RMS y 12.74
side N [adc counts]
side P [adc counts]

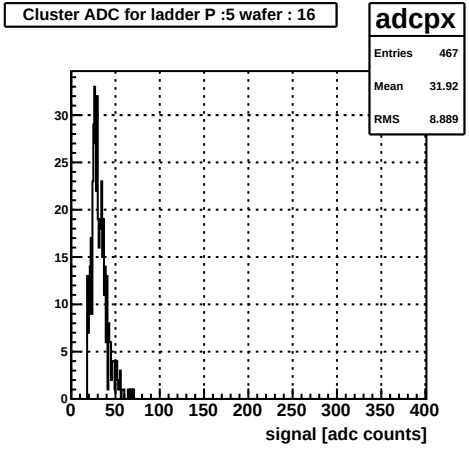

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3007
Mean 28.38
RMS 13.31
signal [adc counts]

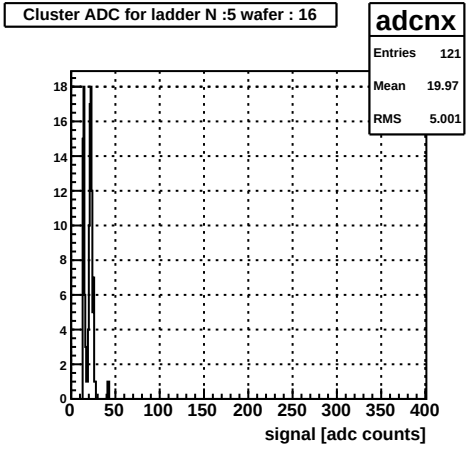

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1245
Mean 23.44
RMS 8.846
signal [adc counts]

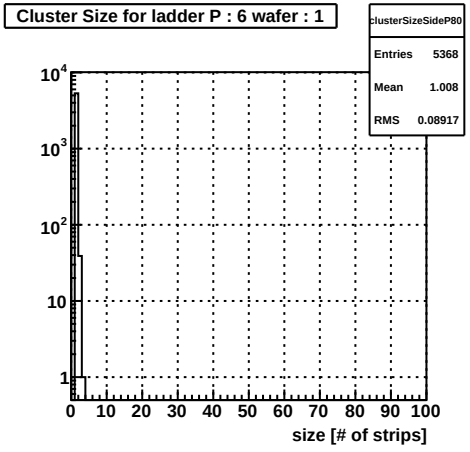

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 467
Mean 1
RMS 0
size [# of strips]

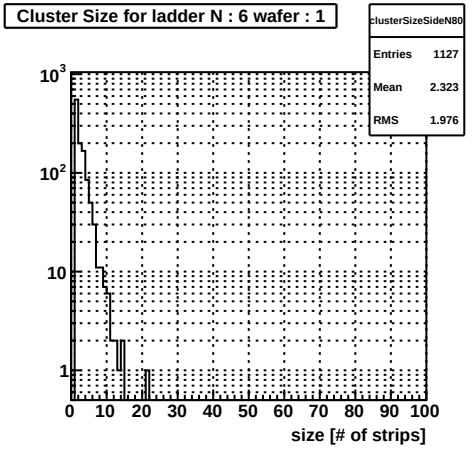

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 121
Mean 1.017
RMS 0.1275
size [# of strips]

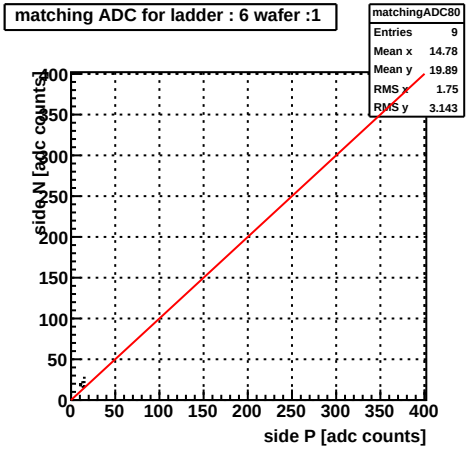

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2
Mean x 31
Mean y 23
RMS x 2
RMS y 0
side N [adc counts]
side P [adc counts]

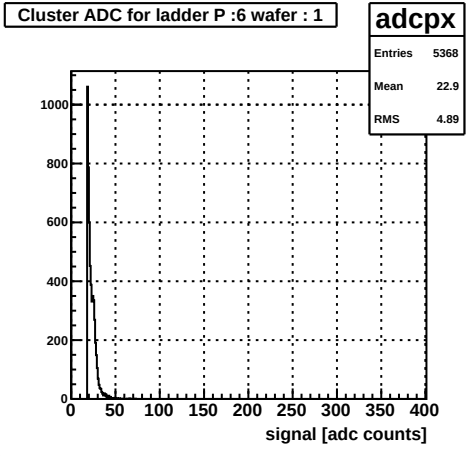

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 467
Mean 31.92
RMS 8.889
signal [adc counts]

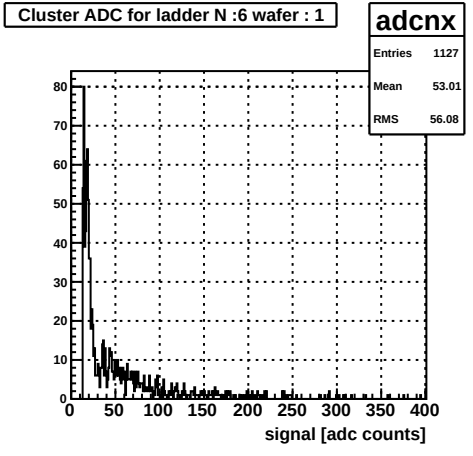

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 121
Mean 19.97
RMS 5.001
signal [adc counts]

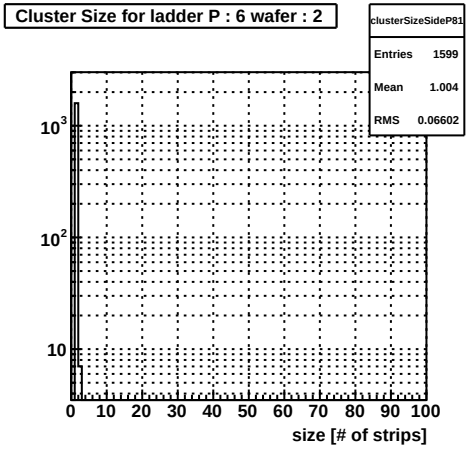

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5368
Mean 1.008
RMS 0.08917
size [# of strips]

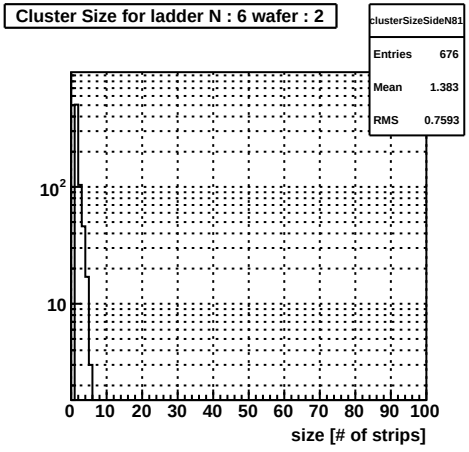

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1127
Mean 2.323
RMS 1.976
size [# of strips]

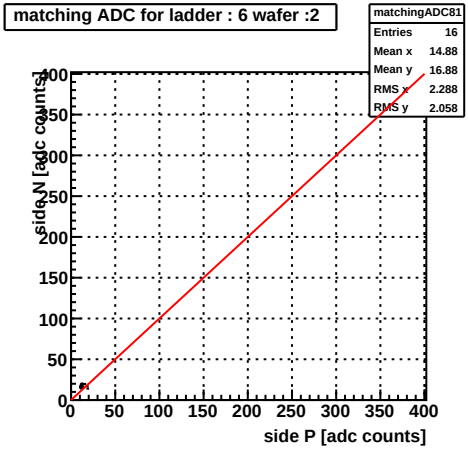

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 9
Mean x 14.78
Mean y 19.89
RMS x 1.75
RMS y 3.143
side N [adc counts]
side P [adc counts]

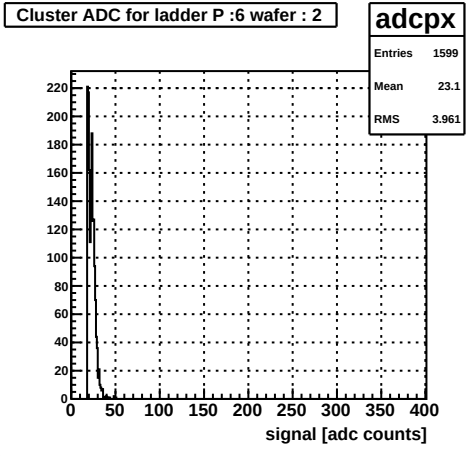

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5368
Mean 22.9
RMS 4.89
signal [adc counts]

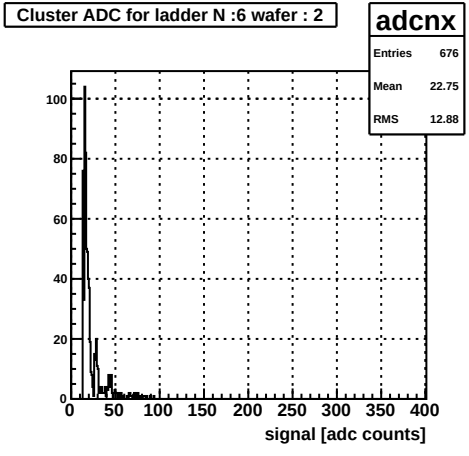

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1127
Mean 53.01
RMS 56.08
signal [adc counts]

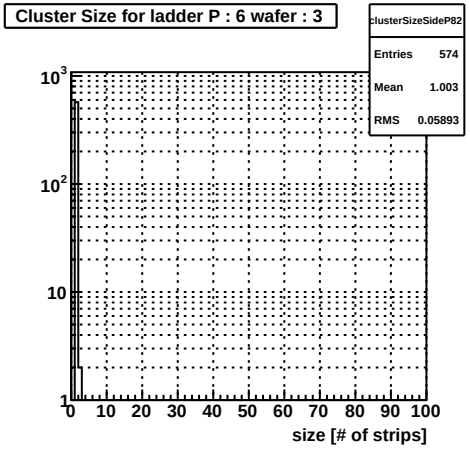

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1599
Mean 1.004
RMS 0.06602
size [# of strips]

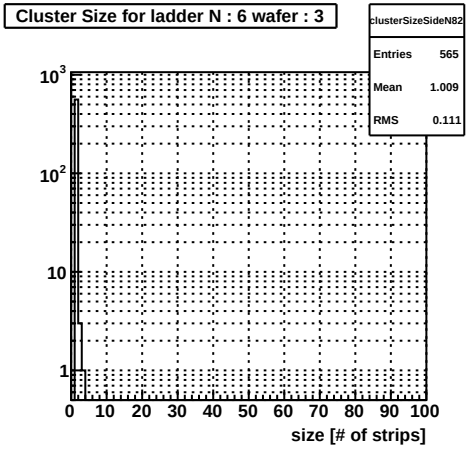

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 676
Mean 1.383
RMS 0.7593
size [# of strips]

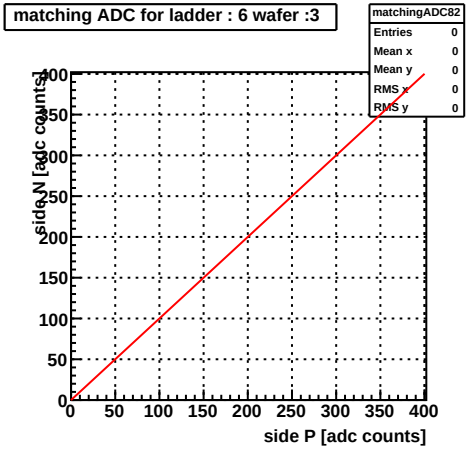

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 16
Mean x 14.88
Mean y 16.88
RMS x 2.288
RMS y 2.058
side N [adc counts]
side P [adc counts]

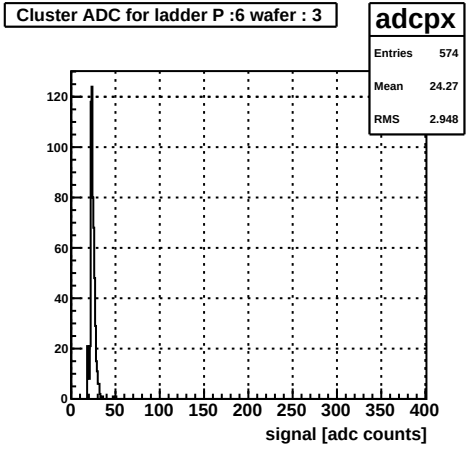

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1599
Mean 23.1
RMS 3.961
signal [adc counts]

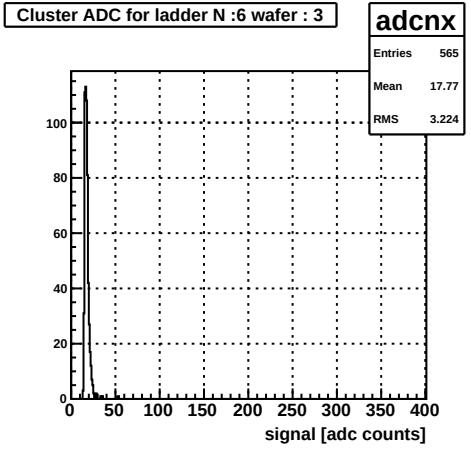

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 676
Mean 22.75
RMS 12.88
signal [adc counts]

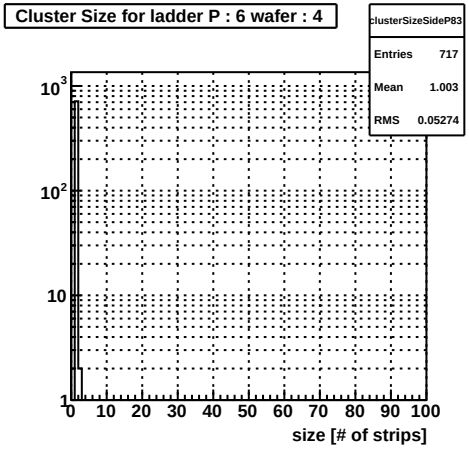

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 574
Mean 1.003
RMS 0.05893
size [# of strips]

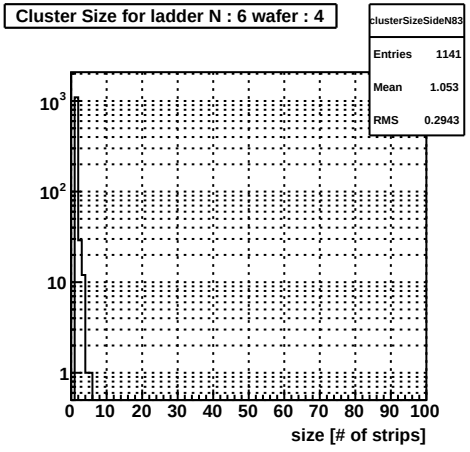

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 565
Mean 1.009
RMS 0.111
size [# of strips]

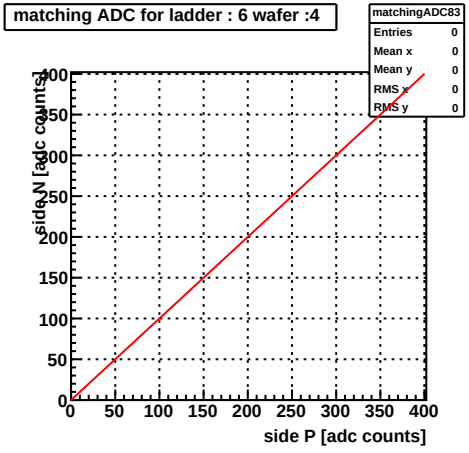

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

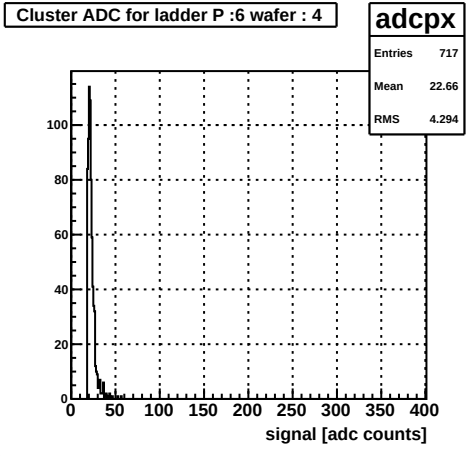

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 574
Mean 24.27
RMS 2.948
signal [adc counts]

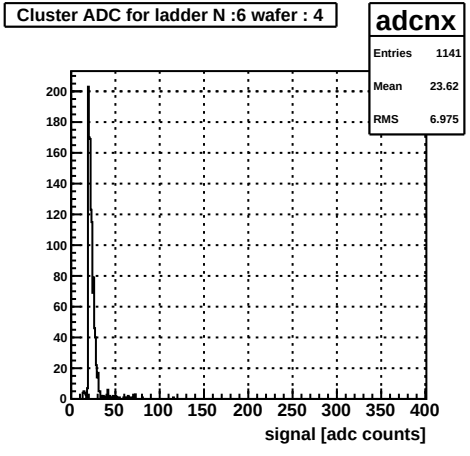

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 565
Mean 17.77
RMS 3.224
signal [adc counts]

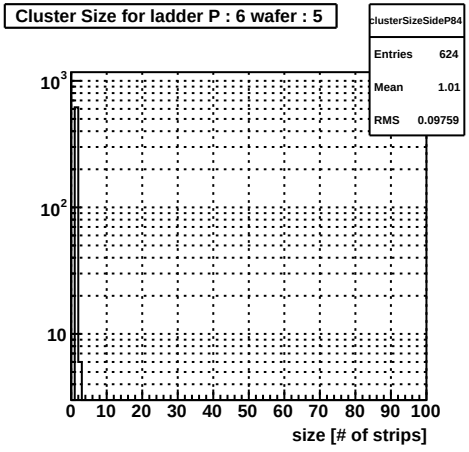

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 717
Mean 1.003
RMS 0.05274
size [# of strips]

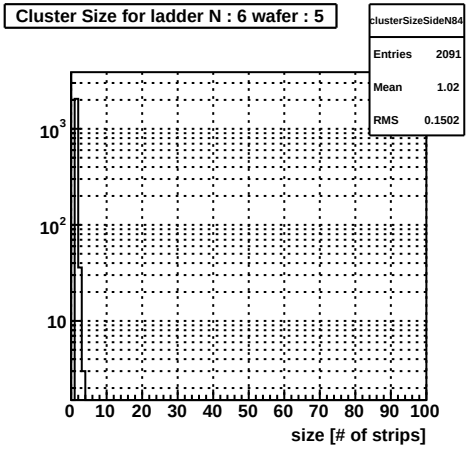

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1141
Mean 1.053
RMS 0.2943
size [# of strips]

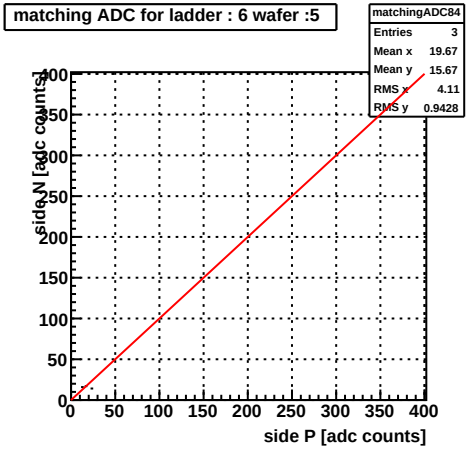

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

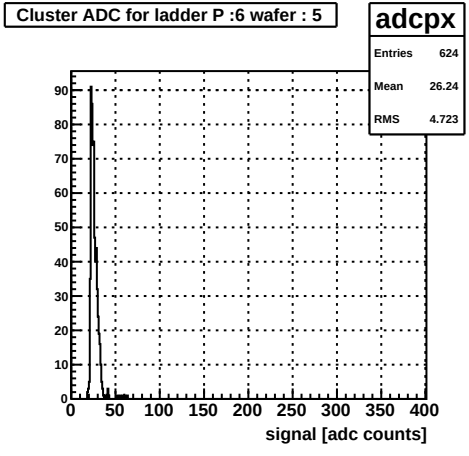

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 717
Mean 22.66
RMS 4.294
signal [adc counts]

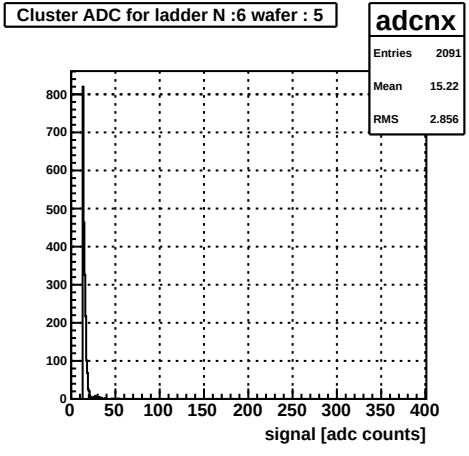

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1141
Mean 23.62
RMS 6.975
signal [adc counts]

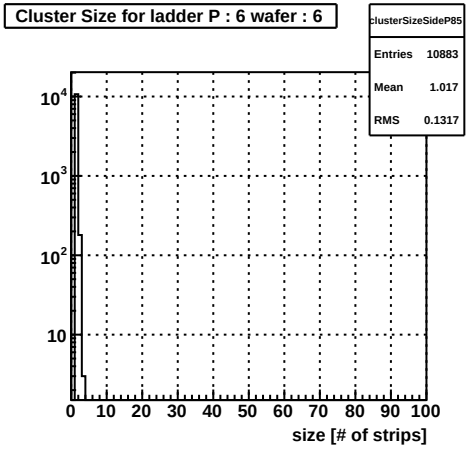

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 624
Mean 1.01
RMS 0.09759
size [# of strips]

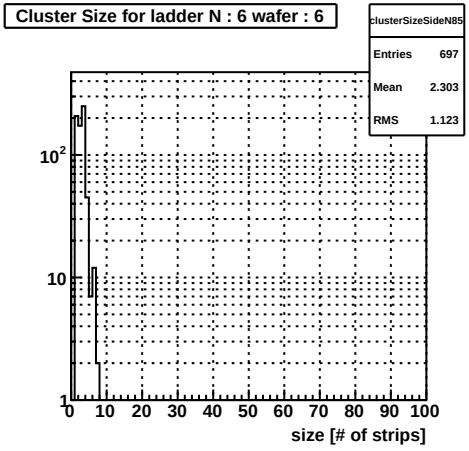

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2091
Mean 1.02
RMS 0.1502
size [# of strips]

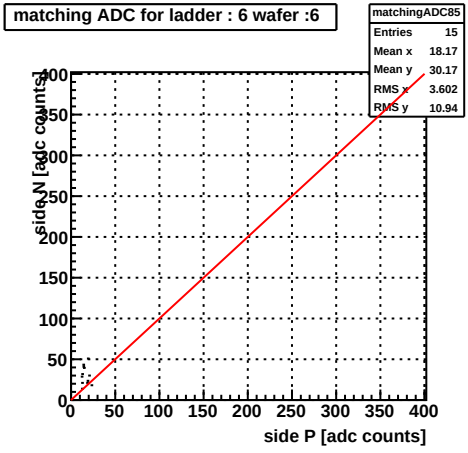

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 3
Mean x 19.67
Mean y 15.67
RMS x 4.11
RMS y 0.9428
side N [adc counts]
side P [adc counts]

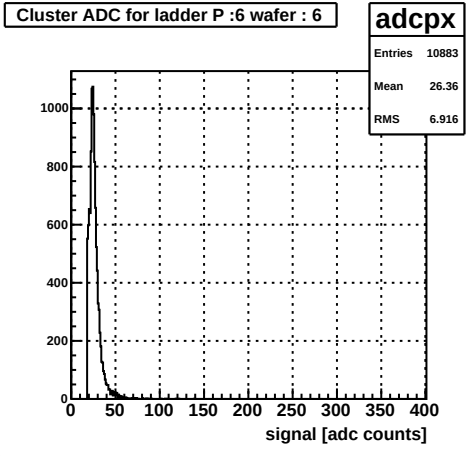

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 624
Mean 26.24
RMS 4.723
signal [adc counts]

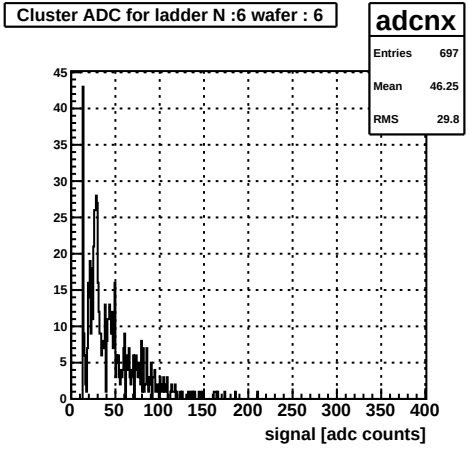

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2091
Mean 15.22
RMS 2.856
signal [adc counts]

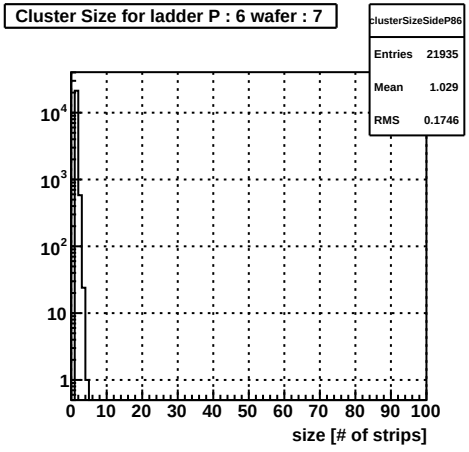

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10883
Mean 1.017
RMS 0.1317
size [# of strips]

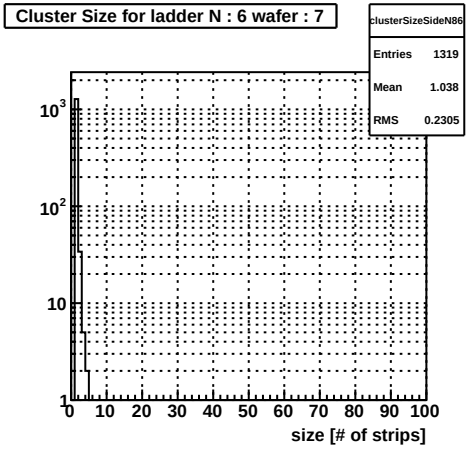

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 697
Mean 2.303
RMS 1.123
size [# of strips]

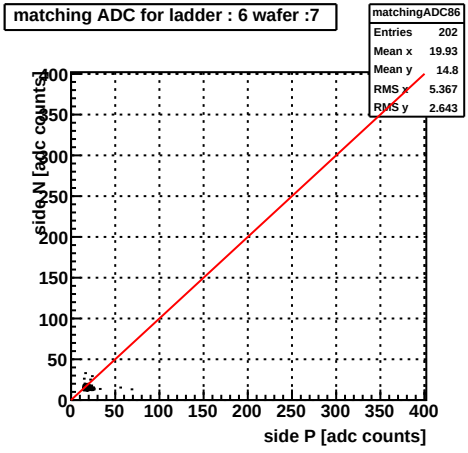

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 15
Mean x 18.17
Mean y 30.17
RMS x 3.602
RMS y 10.94
side N [adc counts]
side P [adc counts]

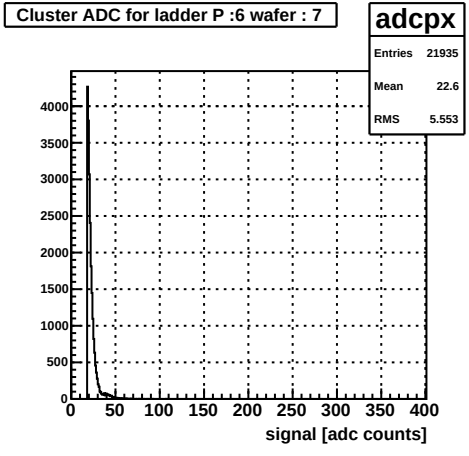

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10883
Mean 26.36
RMS 6.916
signal [adc counts]

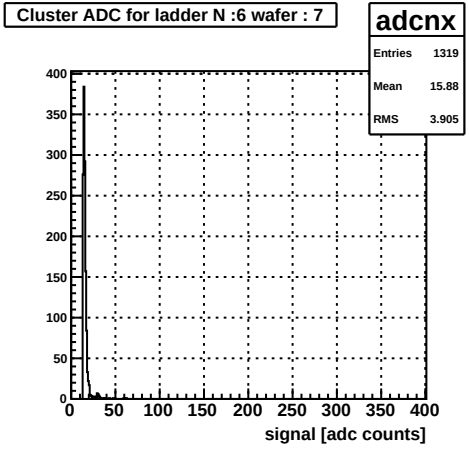

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 697
Mean 46.25
RMS 29.8
signal [adc counts]

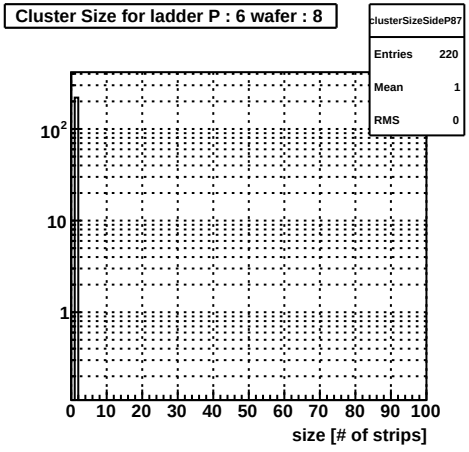

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 21935
Mean 1.029
RMS 0.1746
size [# of strips]

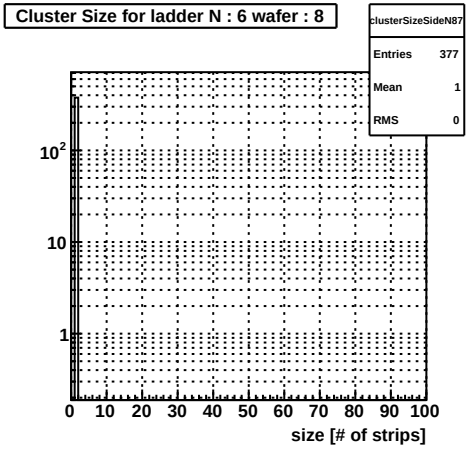

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1319
Mean 1.038
RMS 0.2305
size [# of strips]

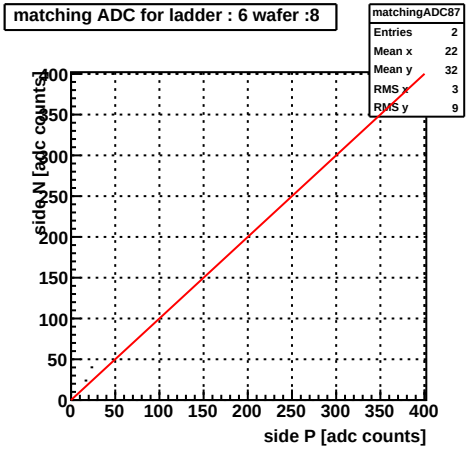

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 202
Mean x 19.93
Mean y 14.8
RMS x 5.367
RMS y 2.643
side N [adc counts]
side P [adc counts]

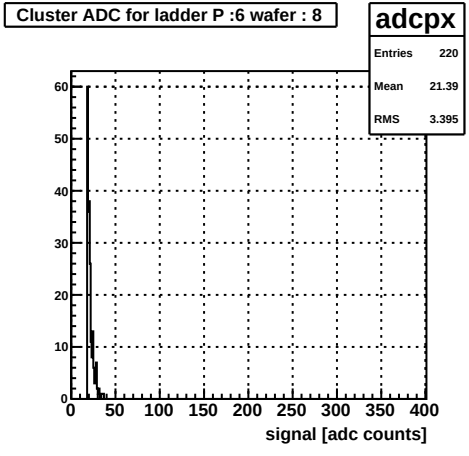

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 21935
Mean 22.6
RMS 5.553
signal [adc counts]

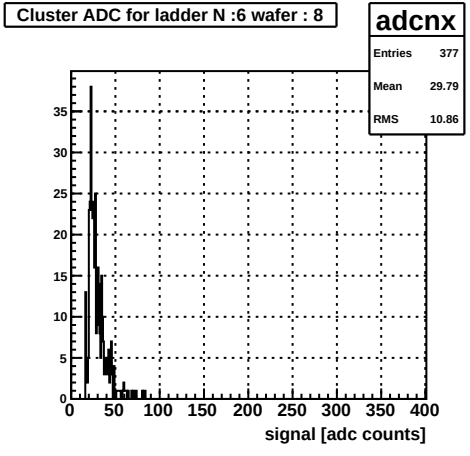

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1319
Mean 15.88
RMS 3.905
signal [adc counts]

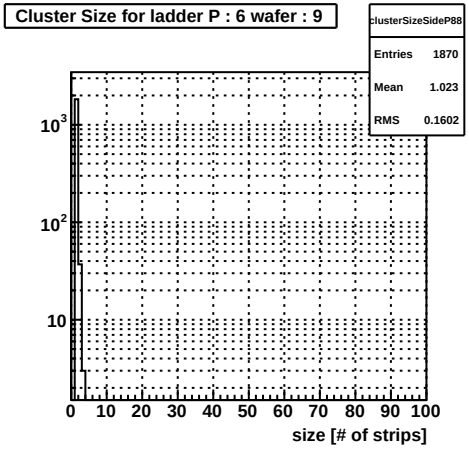

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 220
Mean 1
RMS 0
size [# of strips]

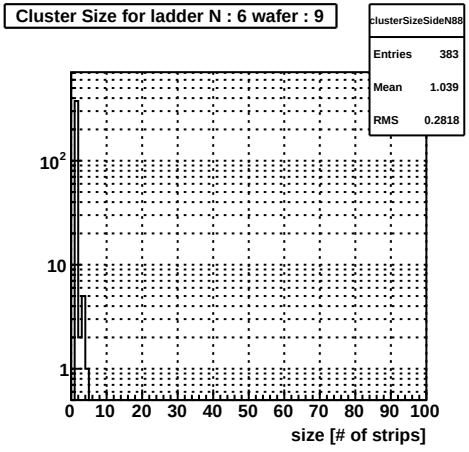

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 377
Mean 1
RMS 0
size [# of strips]

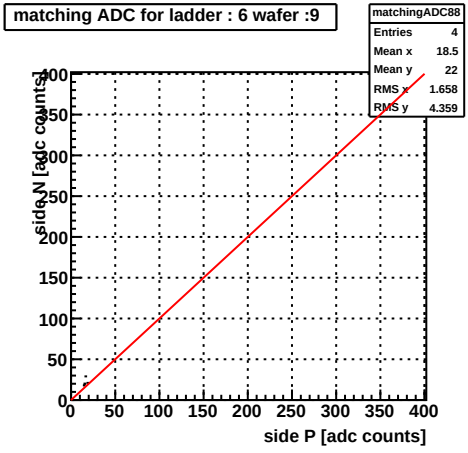

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 2
Mean x 22
Mean y 32
RMS x 3
RMS y 9
side N [adc counts]
side P [adc counts]

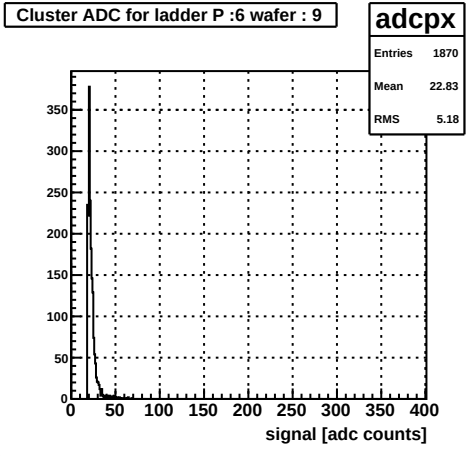

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 220
Mean 21.39
RMS 3.395
signal [adc counts]

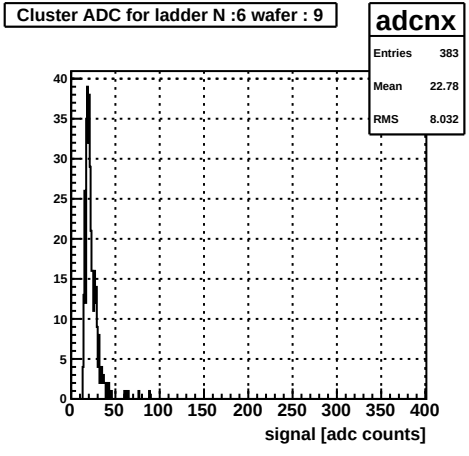

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 377
Mean 29.79
RMS 10.86
signal [adc counts]

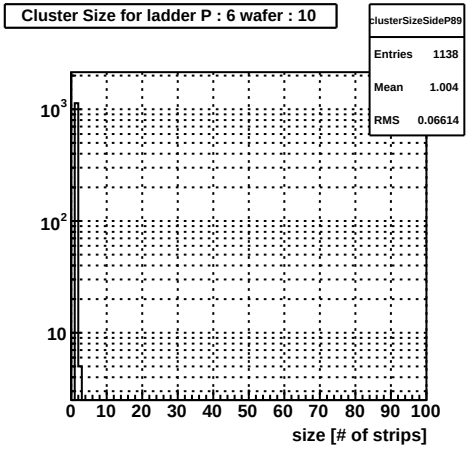

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 1870
Mean 1.023
RMS 0.1602
size [# of strips]

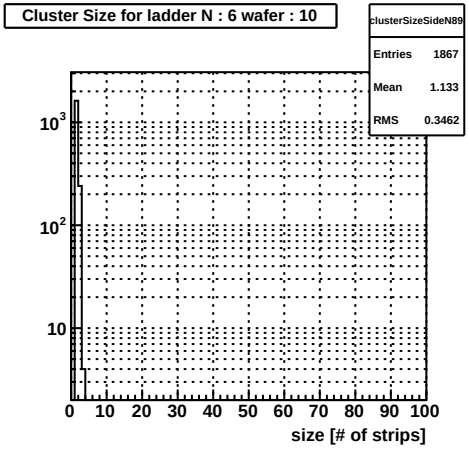

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 383
Mean 1.039
RMS 0.2818
size [# of strips]

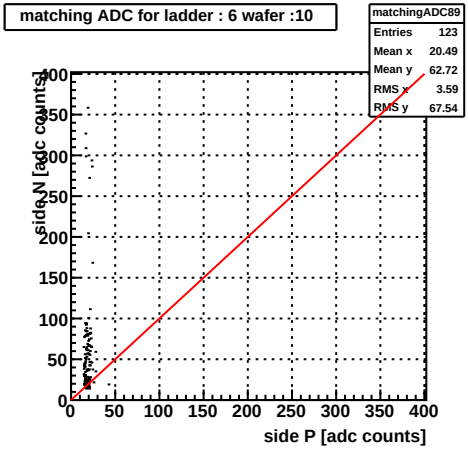

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 4
Mean x 18.5
Mean y 22
RMS x 1.658
RMS y 4.359
side N [adc counts]
side P [adc counts]

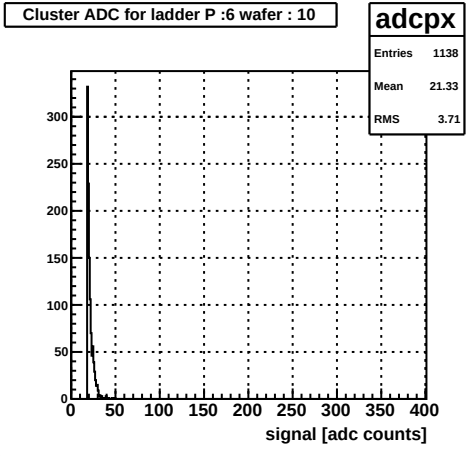

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 1870
Mean 22.83
RMS 5.18
signal [adc counts]

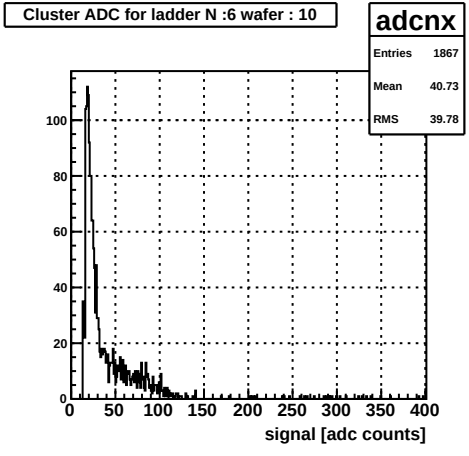

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 383
Mean 22.78
RMS 8.032
signal [adc counts]

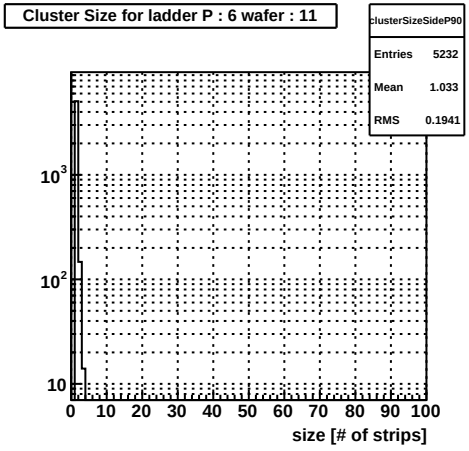

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1138
Mean 1.004
RMS 0.06614
size [# of strips]

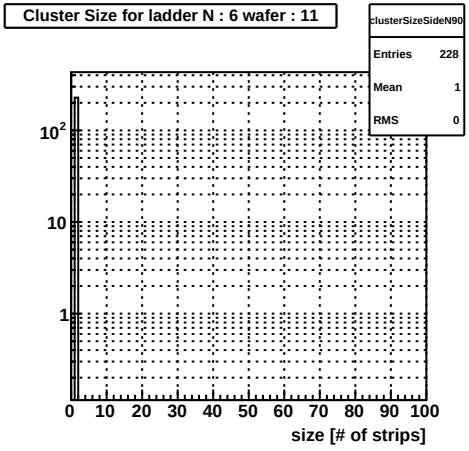

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 1867
Mean 1.133
RMS 0.3462
size [# of strips]

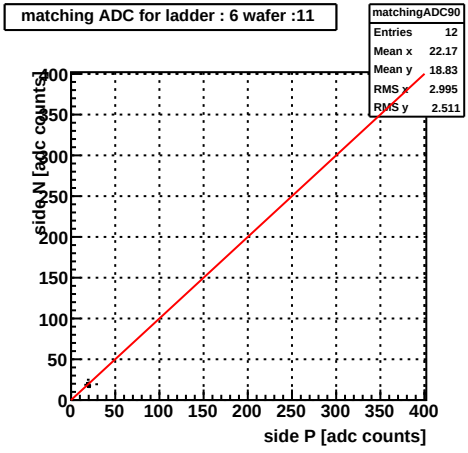

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 123
Mean x 20.49
Mean y 62.72
RMS x 3.59
RMS y 67.54
side N [adc counts]
side P [adc counts]

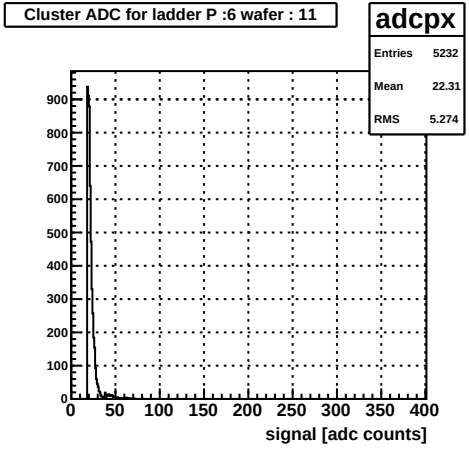

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1138
Mean 21.33
RMS 3.71
signal [adc counts]

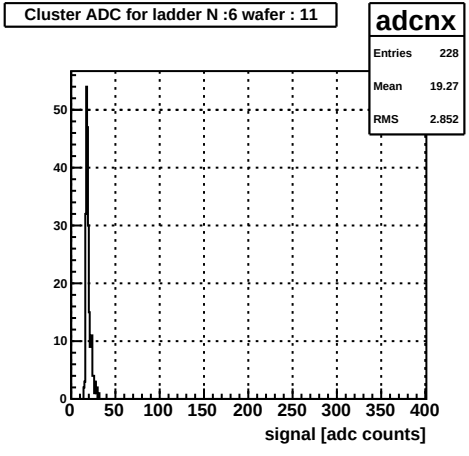

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 1867
Mean 40.73
RMS 39.78
signal [adc counts]

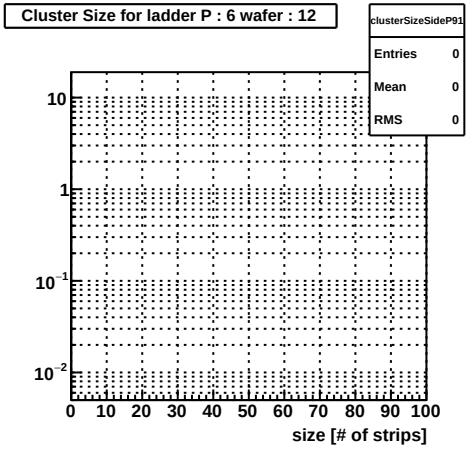

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5232
Mean 1.033
RMS 0.1941
size [# of strips]

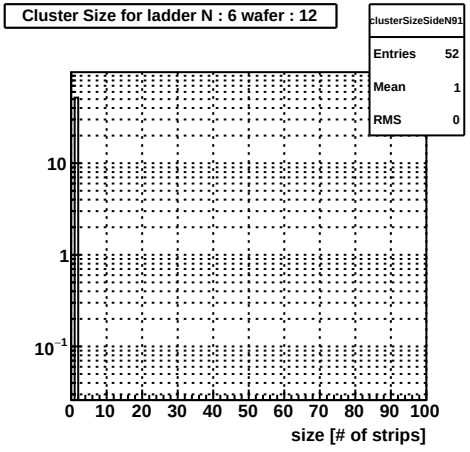

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 228
Mean 1
RMS 0
size [# of strips]

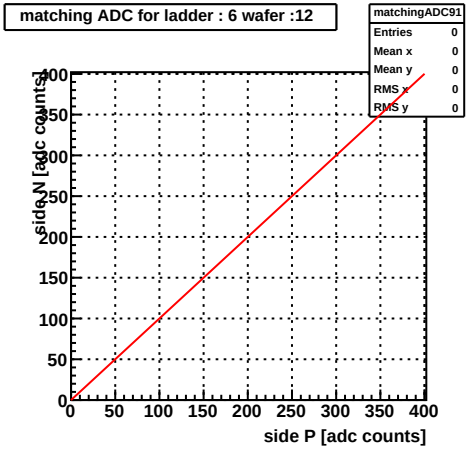

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 12
Mean x 22.17
Mean y 18.83
RMS x 2.995
RMS y 2.511
side N [adc counts]
side P [adc counts]

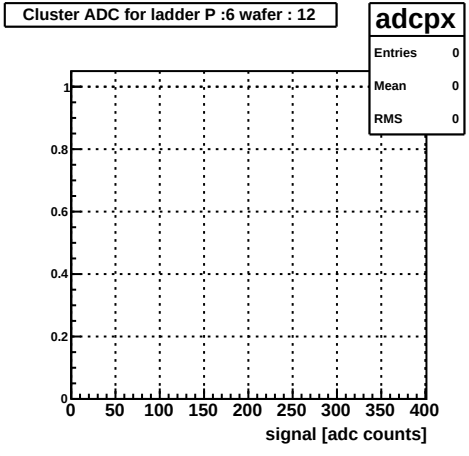

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5232
Mean 22.31
RMS 5.274
signal [adc counts]

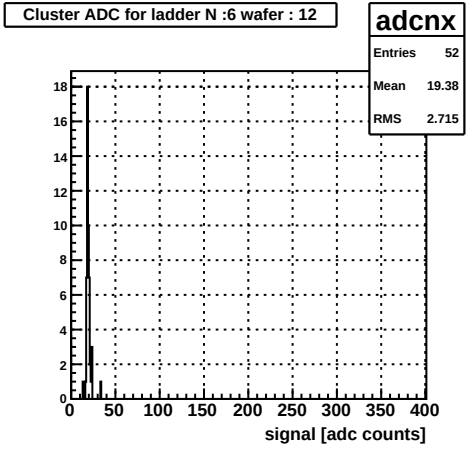

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 228
Mean 19.27
RMS 2.852
signal [adc counts]

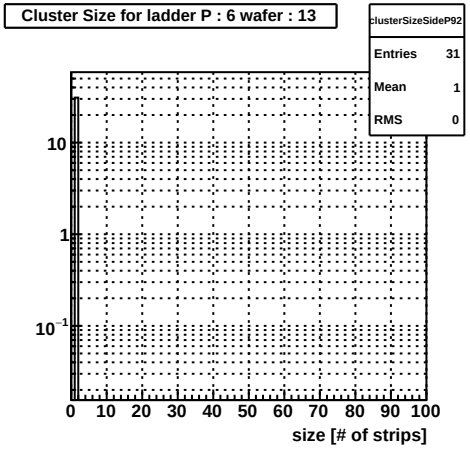

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

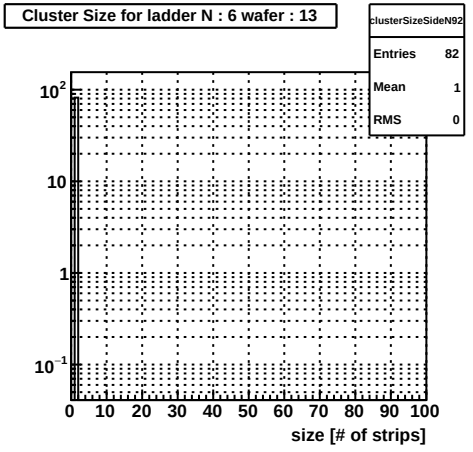

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 52
Mean 1
RMS 0
size [# of strips]

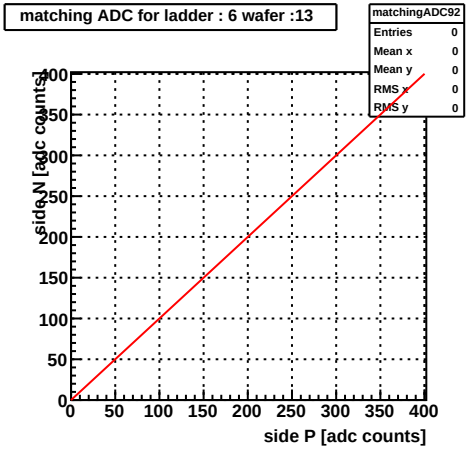

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

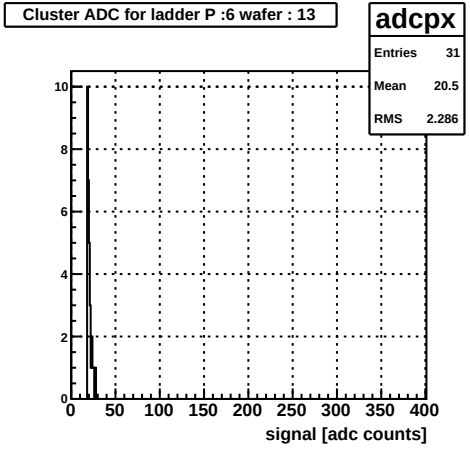

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

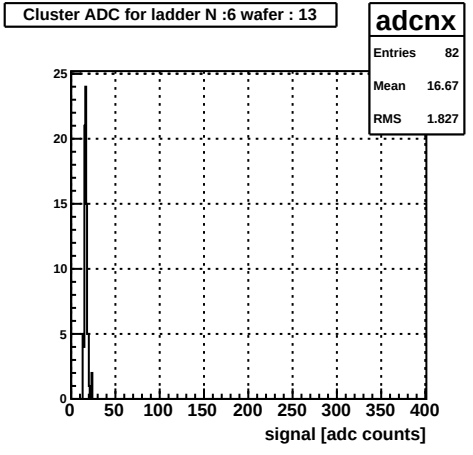

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 52
Mean 19.38
RMS 2.715
signal [adc counts]

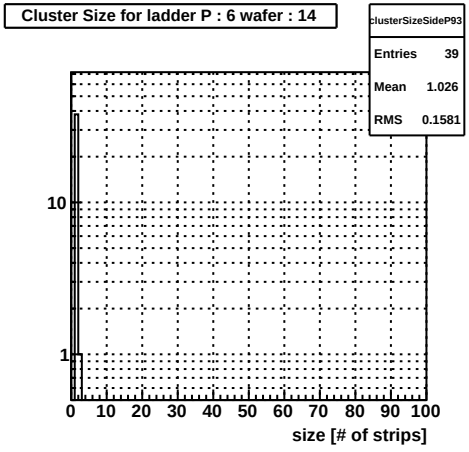

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 31
Mean 1
RMS 0
size [# of strips]

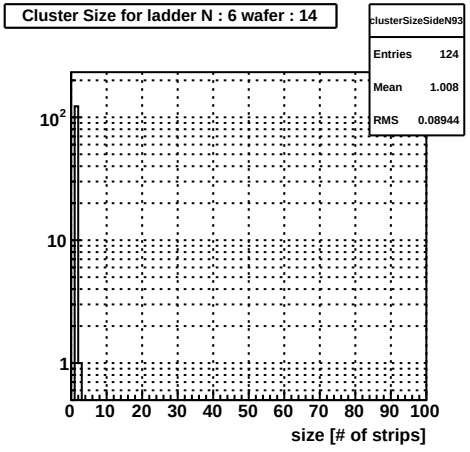

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 82
Mean 1
RMS 0
size [# of strips]

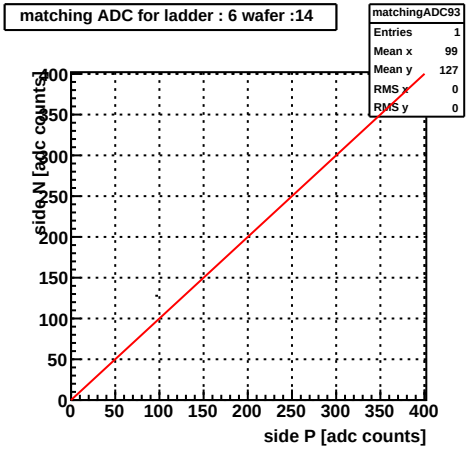

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

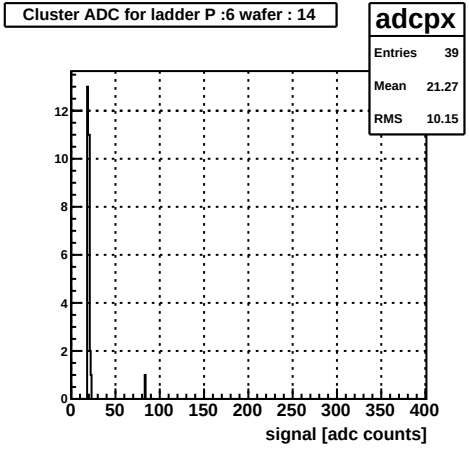

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 31
Mean 20.5
RMS 2.286
signal [adc counts]

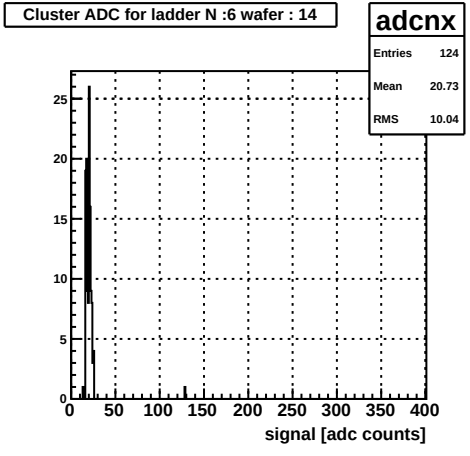

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 82
Mean 16.67
RMS 1.827
signal [adc counts]

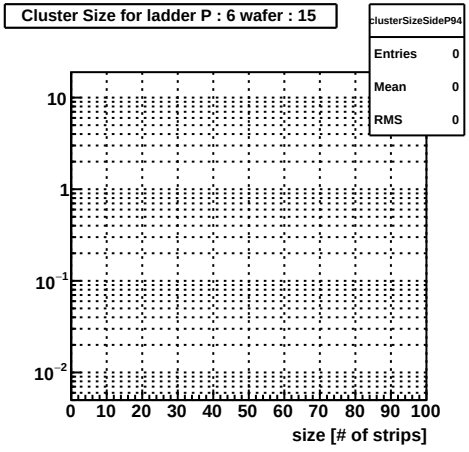

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 39
Mean 1.026
RMS 0.1581
size [# of strips]

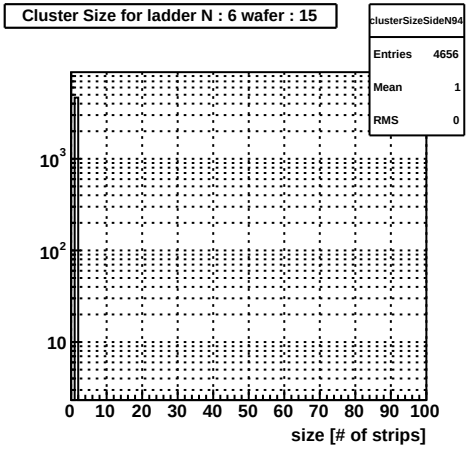

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 124
Mean 1.008
RMS 0.08944
size [# of strips]

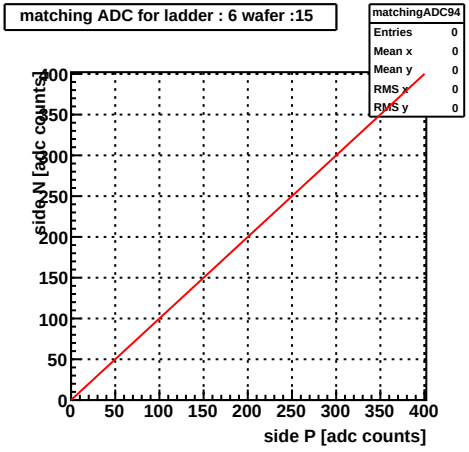

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1
Mean x 99
Mean y 127
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

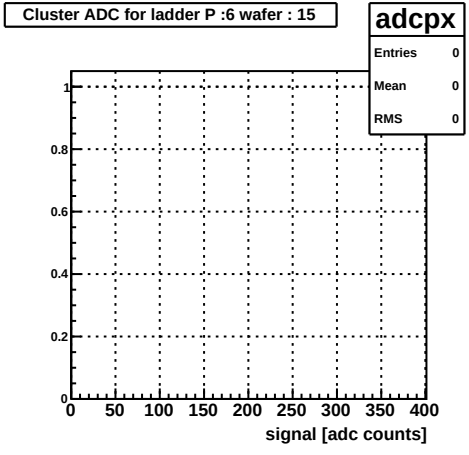

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 39
Mean 21.27
RMS 10.15
signal [adc counts]

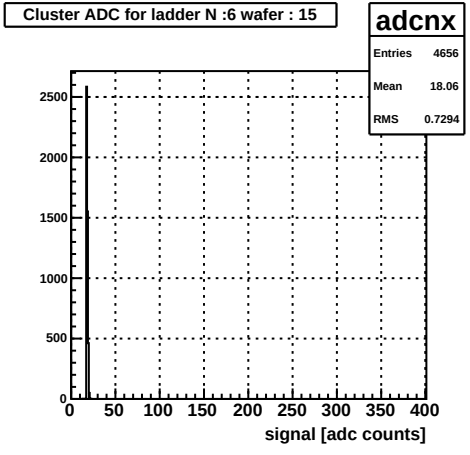

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 124
Mean 20.73
RMS 10.04
signal [adc counts]

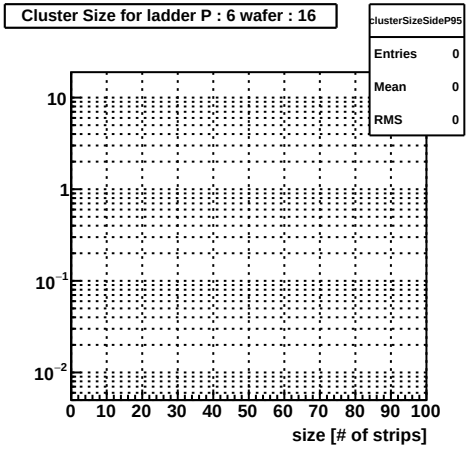

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

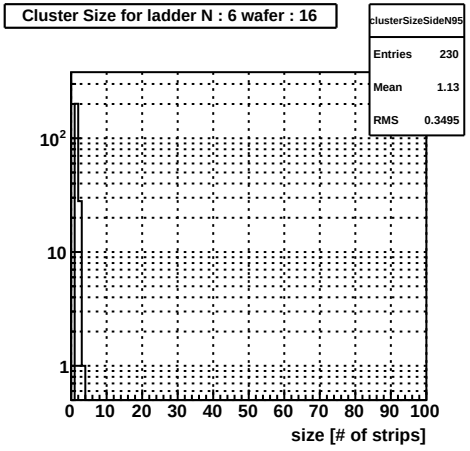

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4656
Mean 1
RMS 0
size [# of strips]

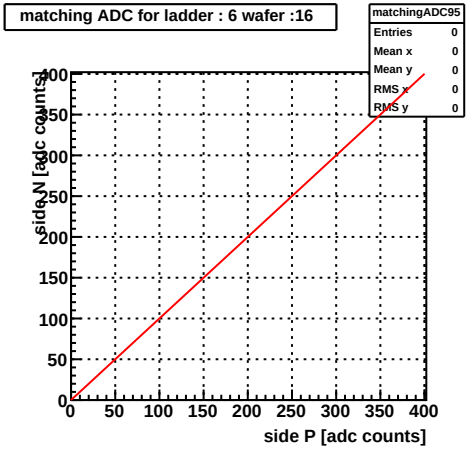

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

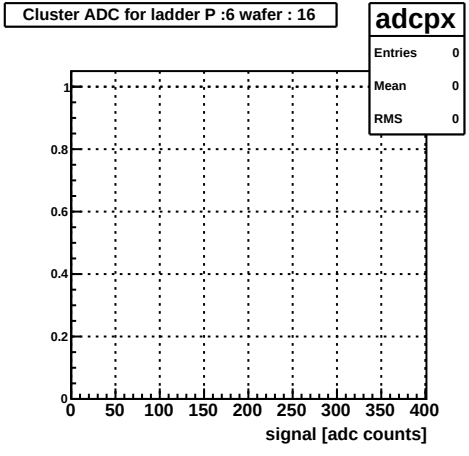

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

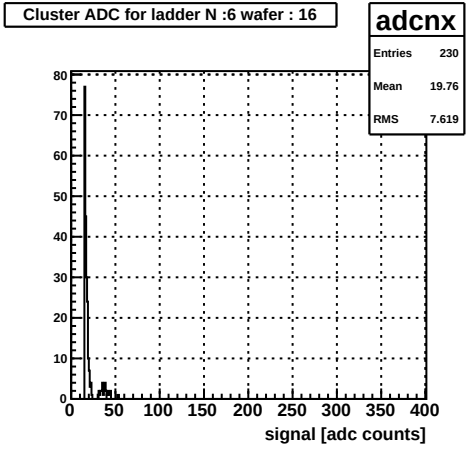

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4656
Mean 18.06
RMS 0.7294
signal [adc counts]

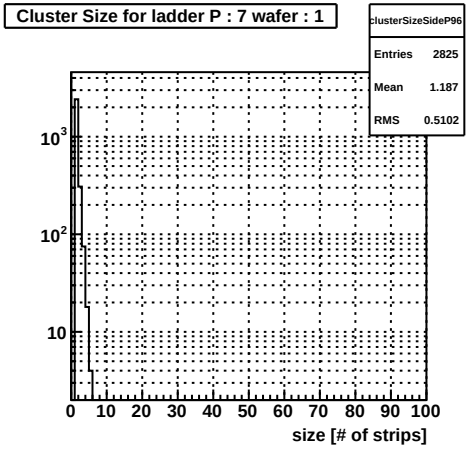

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

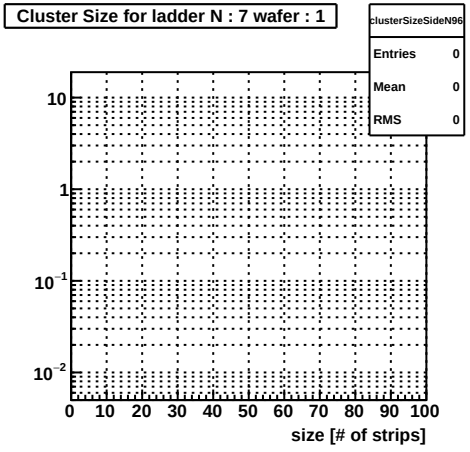

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 230
Mean 1.13
RMS 0.3495
size [# of strips]

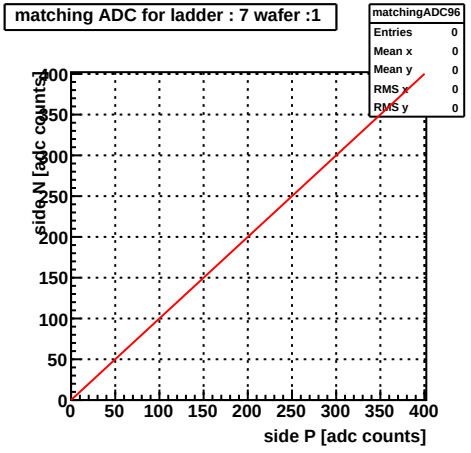

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

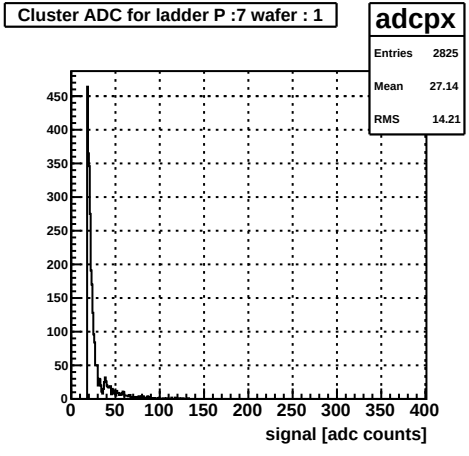

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

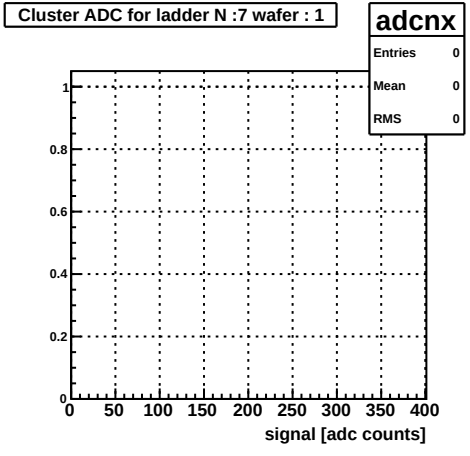

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 230
Mean 19.76
RMS 7.619
signal [adc counts]

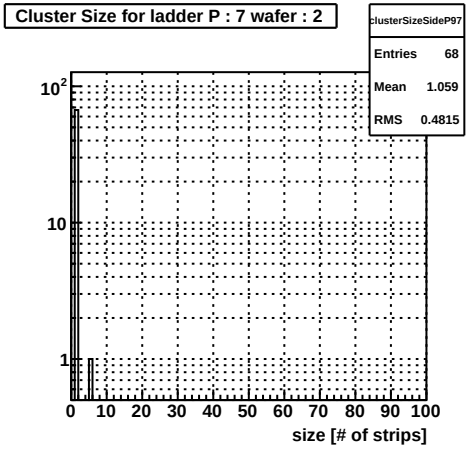

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2825
Mean 1.187
RMS 0.5102
size [# of strips]

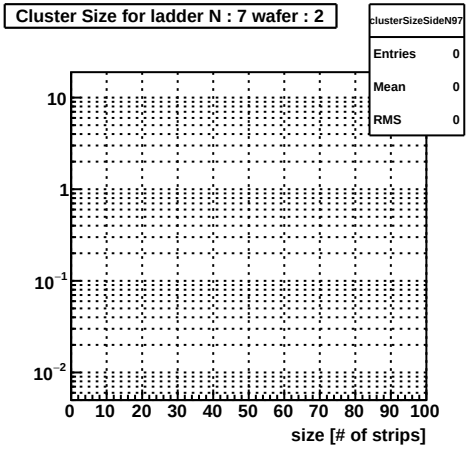

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

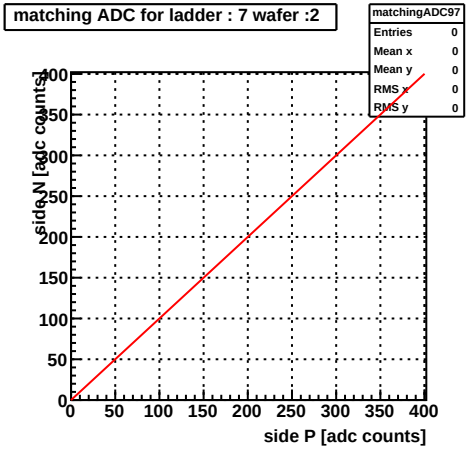

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

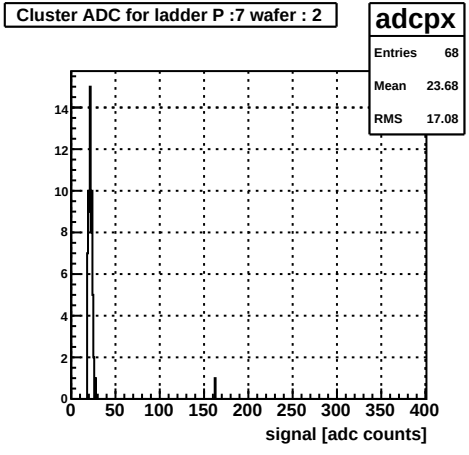

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2825
Mean 27.14
RMS 14.21
signal [adc counts]

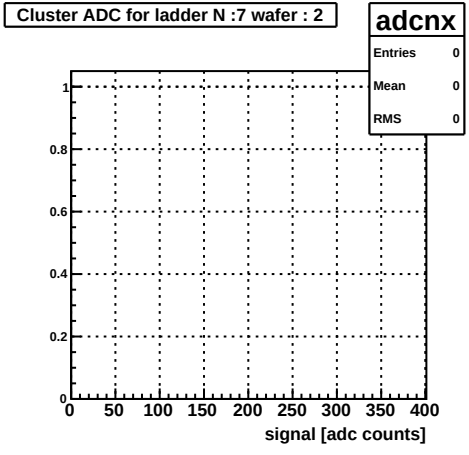

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

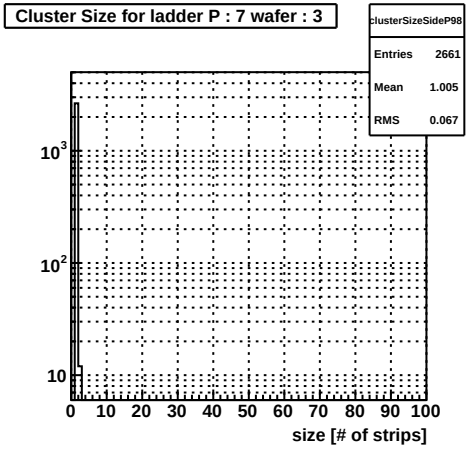

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 68
Mean 1.059
RMS 0.4815
size [# of strips]

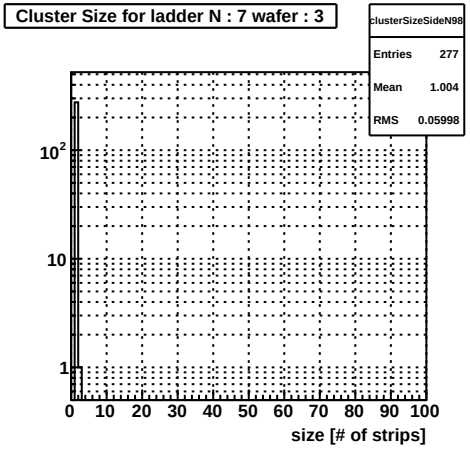

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

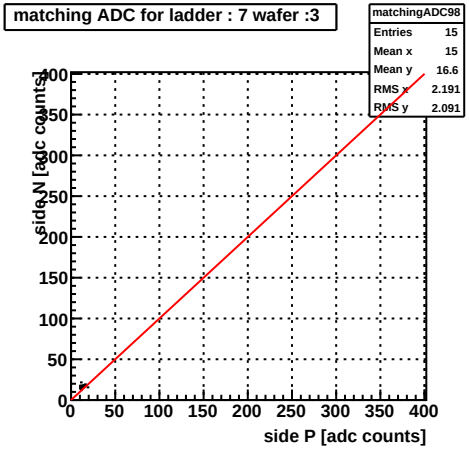

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

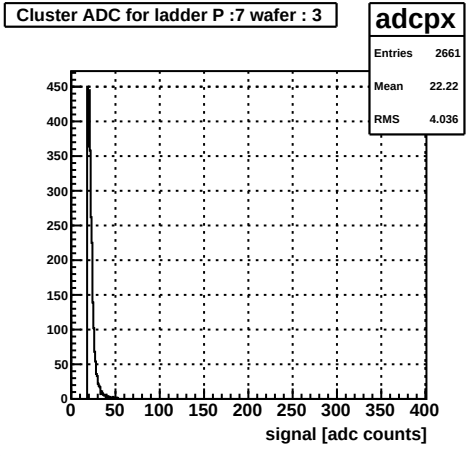

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 68
Mean 23.68
RMS 17.08
signal [adc counts]

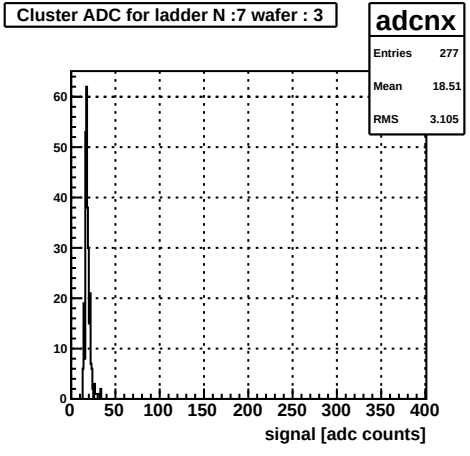

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

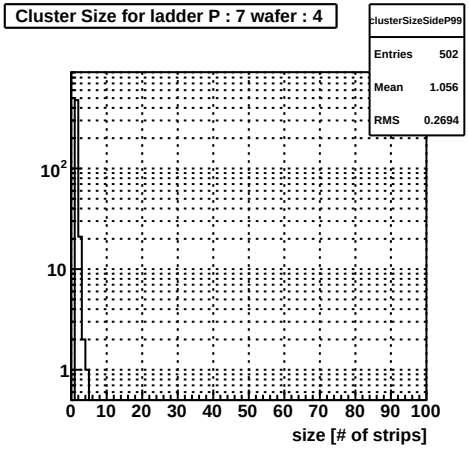

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2661
Mean 1.005
RMS 0.067
size [# of strips]

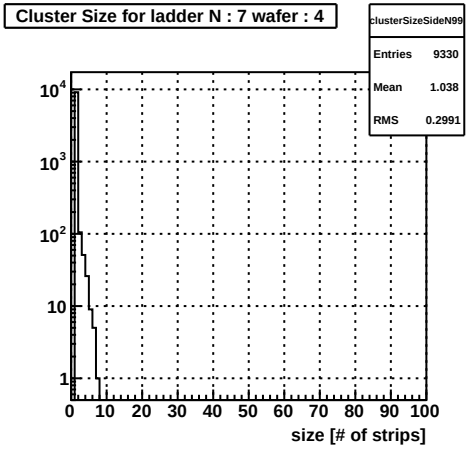

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 277
Mean 1.004
RMS 0.05998
size [# of strips]

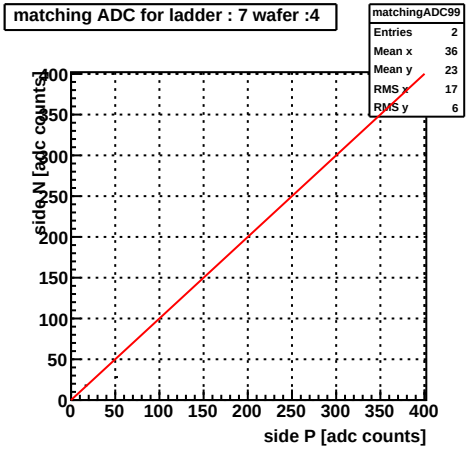

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 15
Mean x 15
Mean y 16.6
RMS x 2.191
RMS y 2.091
side N [adc counts]
side P [adc counts]

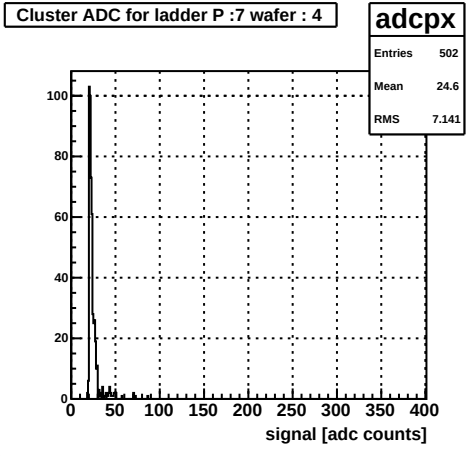

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2661
Mean 22.22
RMS 4.036
signal [adc counts]

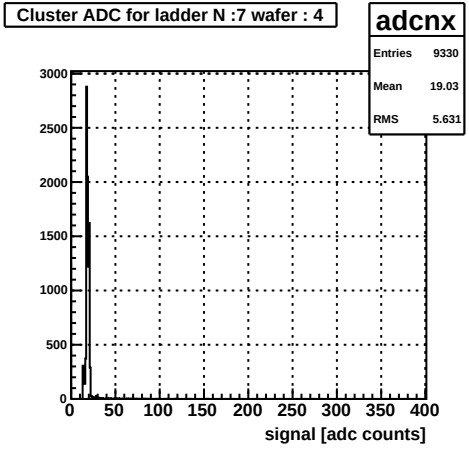

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 277
Mean 18.51
RMS 3.105
signal [adc counts]

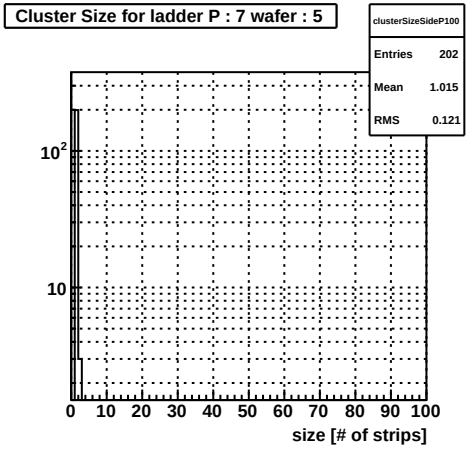

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 502
Mean 1.056
RMS 0.2694
size [# of strips]

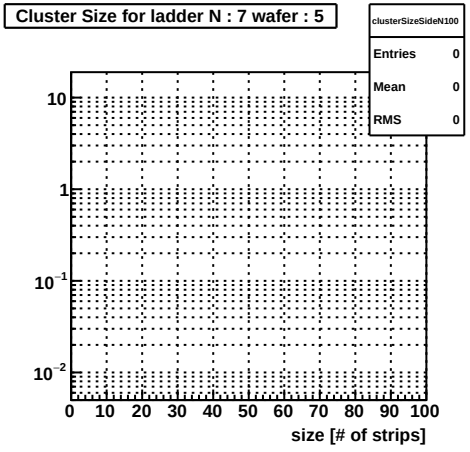

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9330
Mean 1.038
RMS 0.2991
size [# of strips]

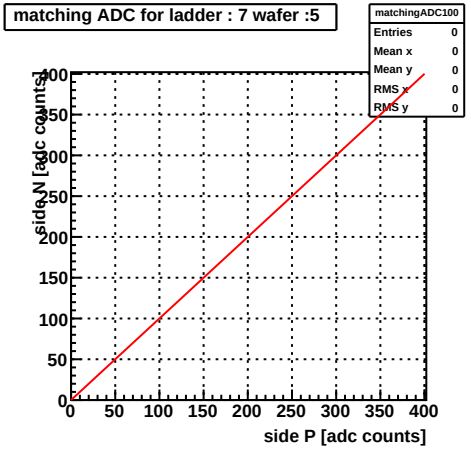

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2
Mean x 36
Mean y 23
RMS x 17
RMS y 6
side N [adc counts]
side P [adc counts]

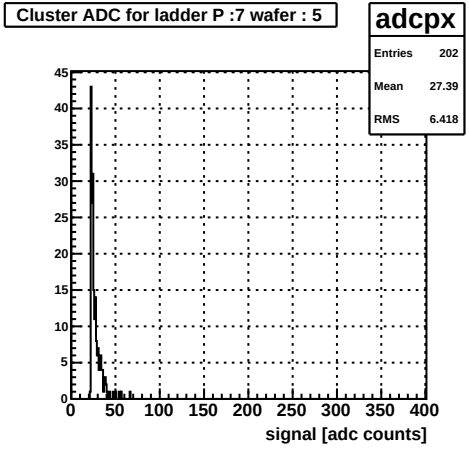

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 502
Mean 24.6
RMS 7.141
signal [adc counts]

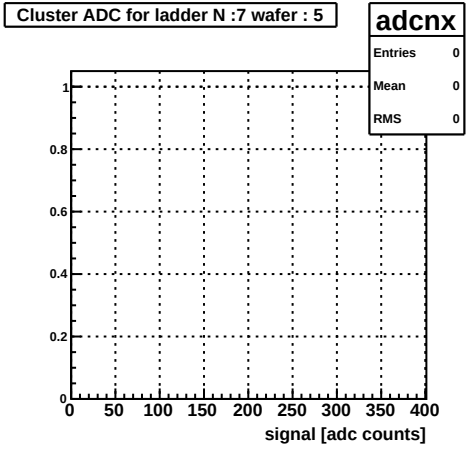

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9330
Mean 19.03
RMS 5.631
signal [adc counts]

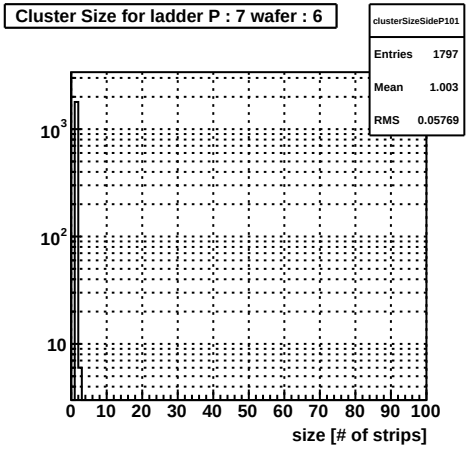

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 202
Mean 1.015
RMS 0.121
size [# of strips]

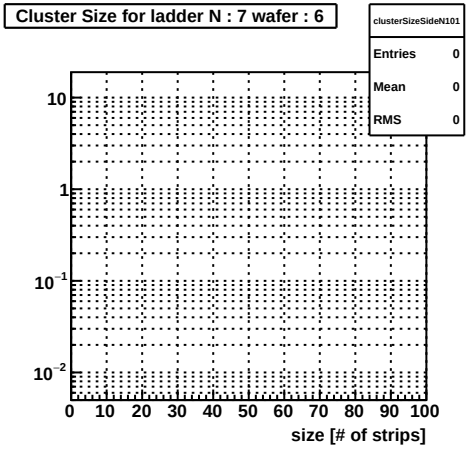

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

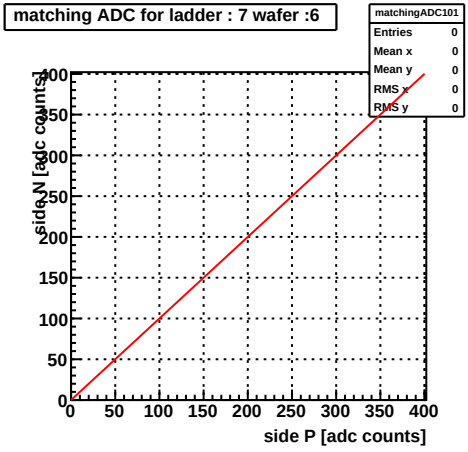

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

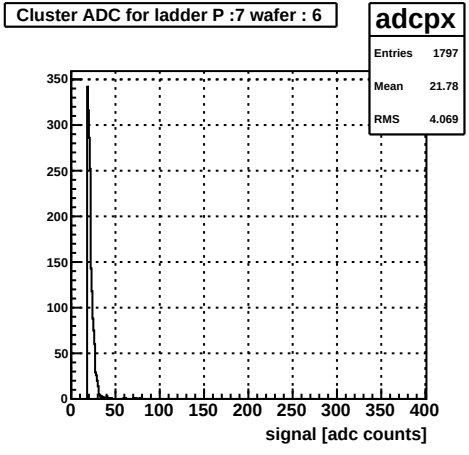

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 202
Mean 27.39
RMS 6.418
signal [adc counts]

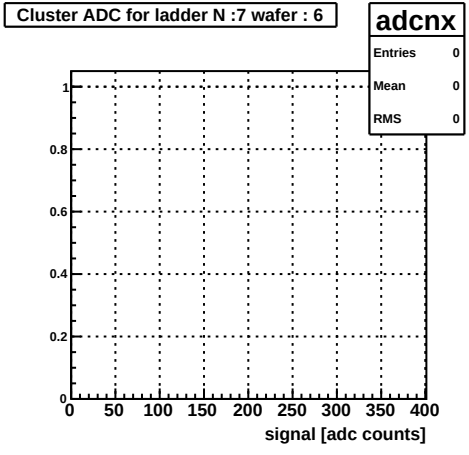

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

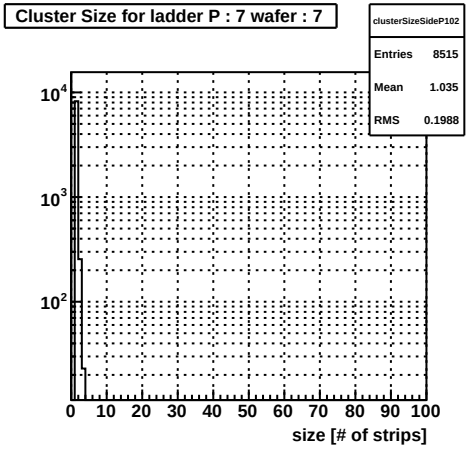

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1797
Mean 1.003
RMS 0.05769
size [# of strips]

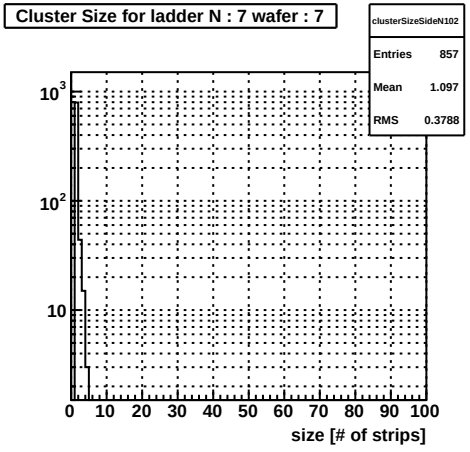

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

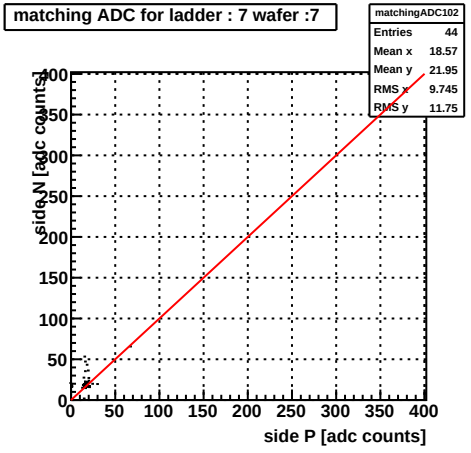

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

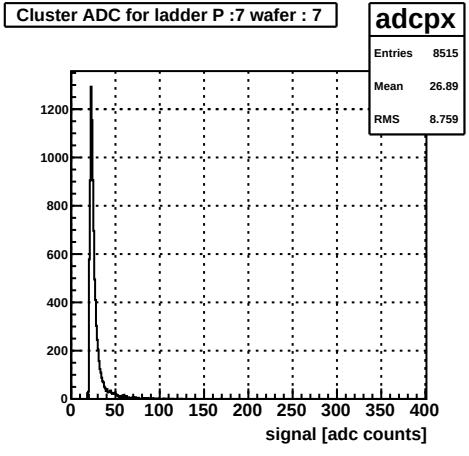

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1797
Mean 21.78
RMS 4.069
signal [adc counts]

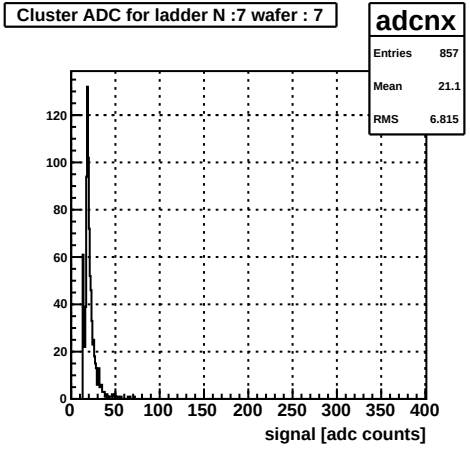

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

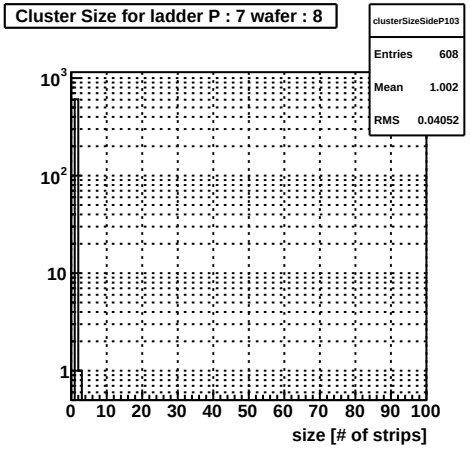

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 8515
Mean 1.035
RMS 0.1988
size [# of strips]

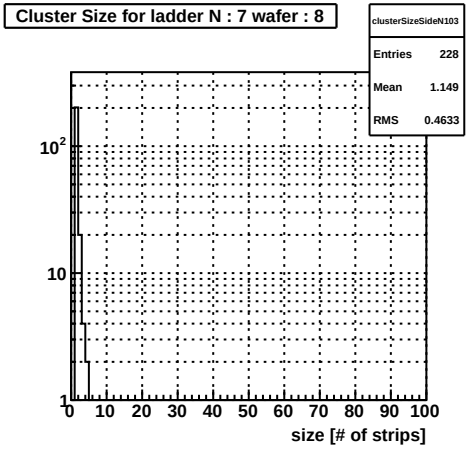

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 857
Mean 1.097
RMS 0.3788
size [# of strips]

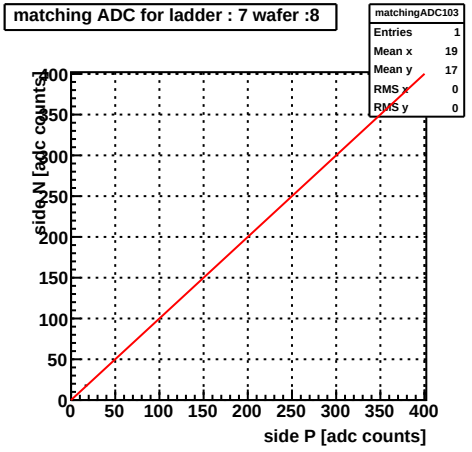

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 44
Mean x 18.57
Mean y 21.95
RMS x 9.745
RMS y 11.75
side N [adc counts]
side P [adc counts]

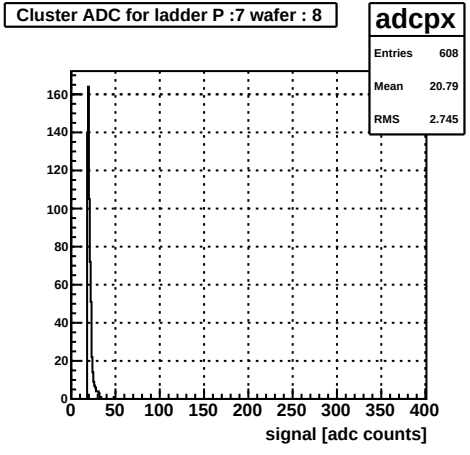

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 8515
Mean 26.89
RMS 8.759
signal [adc counts]

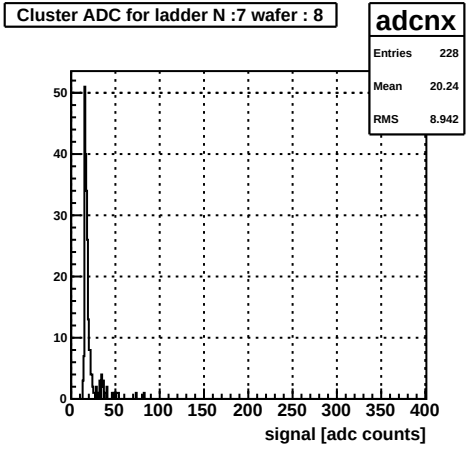

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 857
Mean 21.1
RMS 6.815
signal [adc counts]

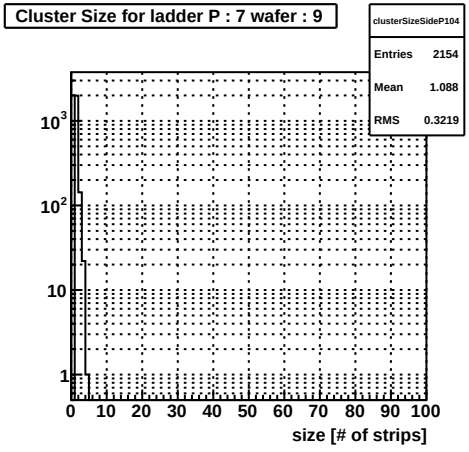

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 608
Mean 1.002
RMS 0.04052
size [# of strips]

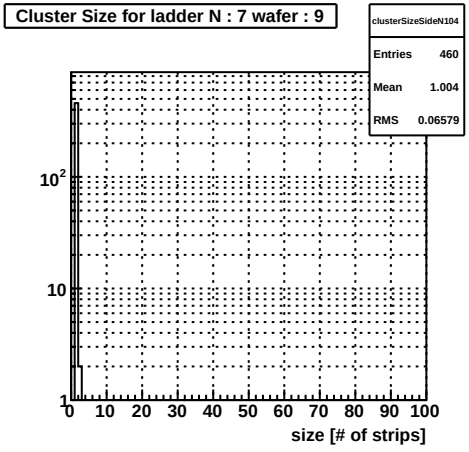

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 228
Mean 1.149
RMS 0.4633
size [# of strips]

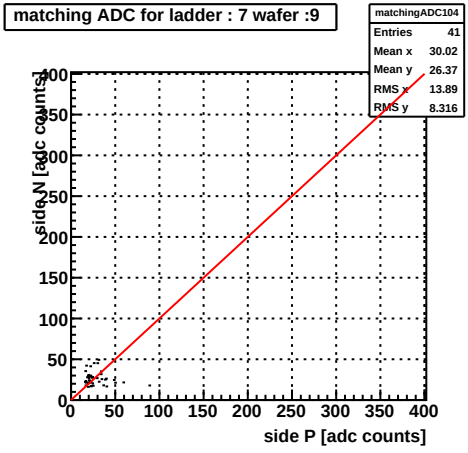

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

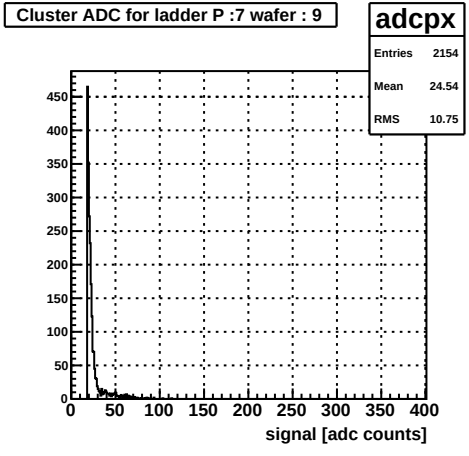

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 608
Mean 20.79
RMS 2.745
signal [adc counts]

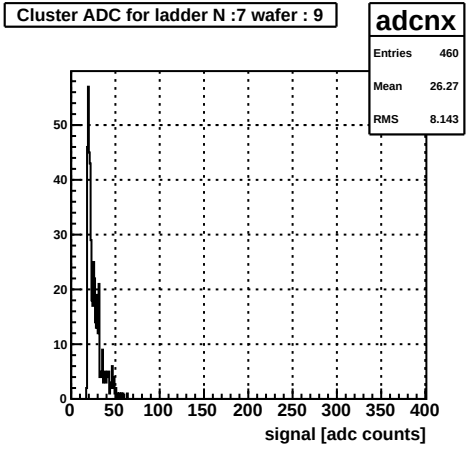

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 228
Mean 20.24
RMS 8.942
signal [adc counts]

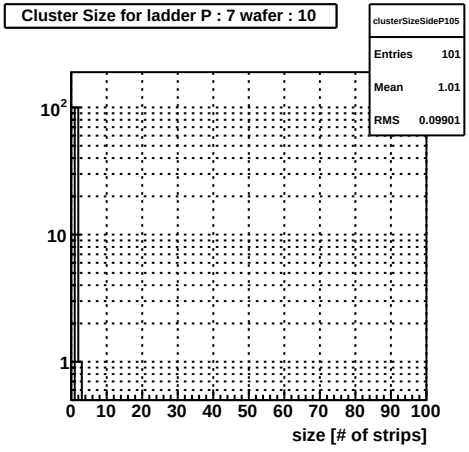

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2154
Mean 1.088
RMS 0.3219
size [# of strips]

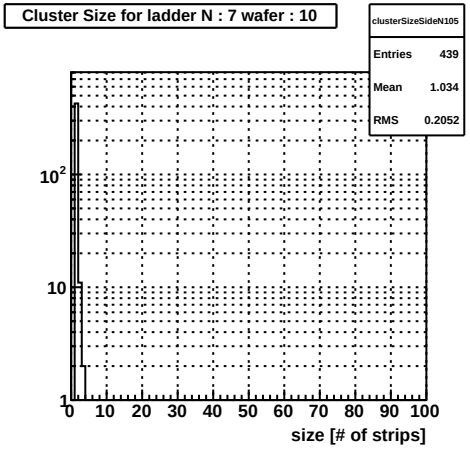

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 460
Mean 1.004
RMS 0.06579
size [# of strips]

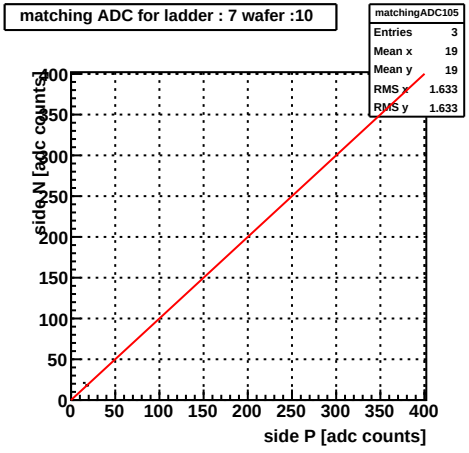

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 41
Mean x 30.02
Mean y 26.37
RMS x 13.89
RMS y 8.316
side N [adc counts]
side P [adc counts]

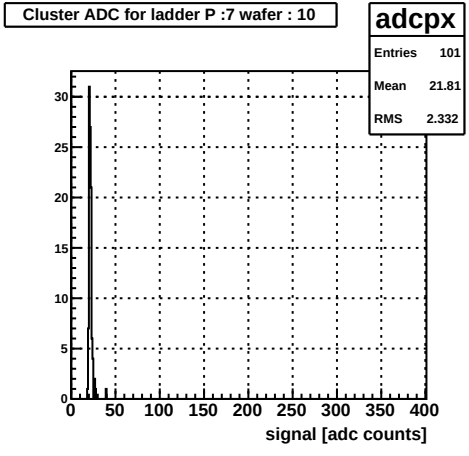

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2154
Mean 24.54
RMS 10.75
signal [adc counts]

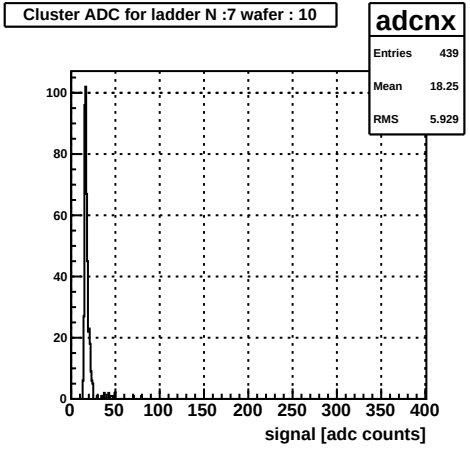

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 460
Mean 26.27
RMS 8.143
signal [adc counts]

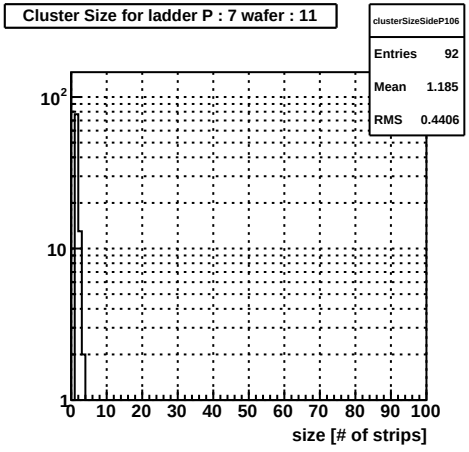

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 101
Mean 1.01
RMS 0.09901
size [# of strips]

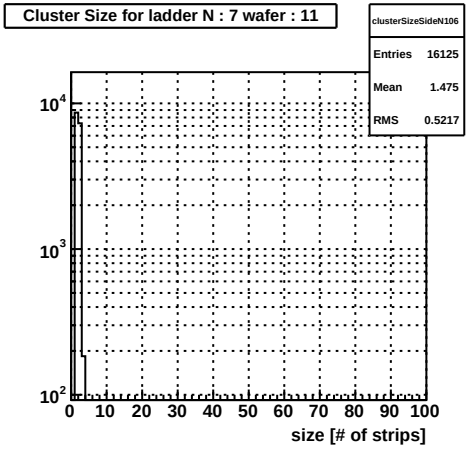

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 439
Mean 1.034
RMS 0.2052
size [# of strips]

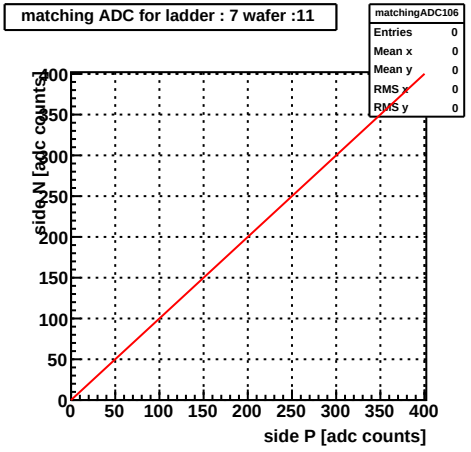

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 3
Mean x 19
Mean y 19
RMS x 1.633
RMS y 1.633
side N [adc counts]
side P [adc counts]

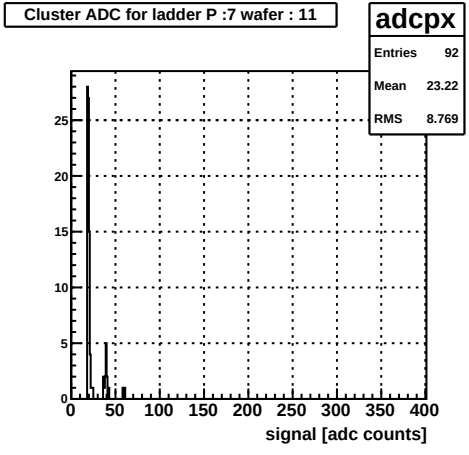

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 101
Mean 21.81
RMS 2.332
signal [adc counts]

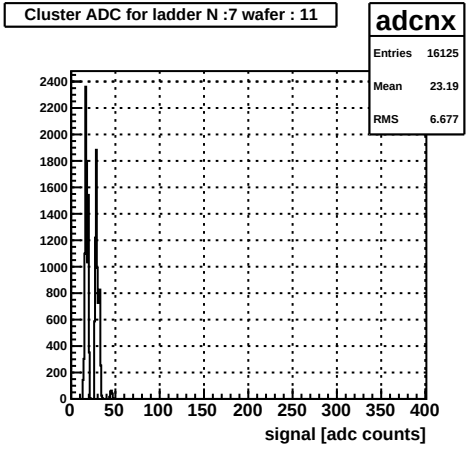

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 439
Mean 18.25
RMS 5.929
signal [adc counts]

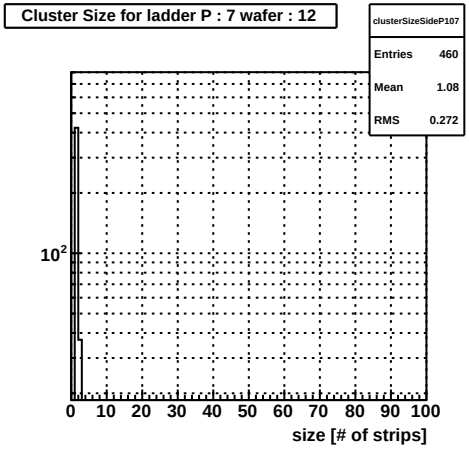

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 92
Mean 1.185
RMS 0.4406
size [# of strips]

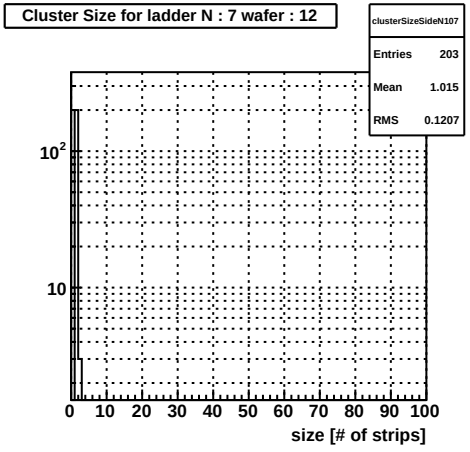

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 16125
Mean 1.475
RMS 0.5217
size [# of strips]

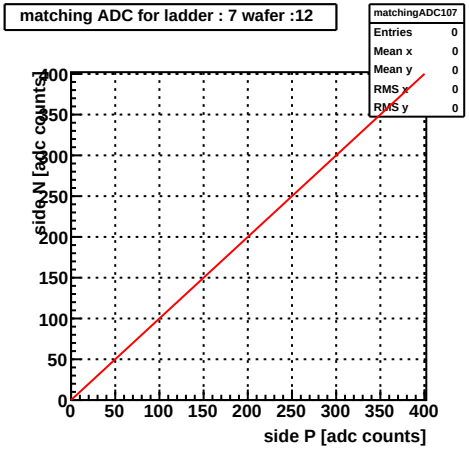

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

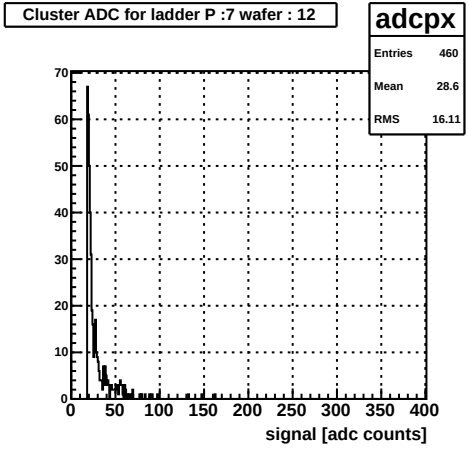

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 92
Mean 23.22
RMS 8.769
signal [adc counts]

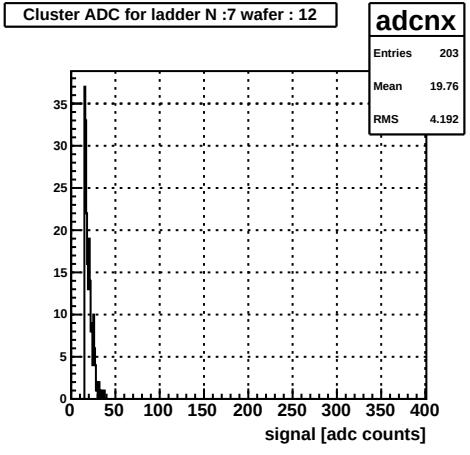

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 16125
Mean 23.19
RMS 6.677
signal [adc counts]

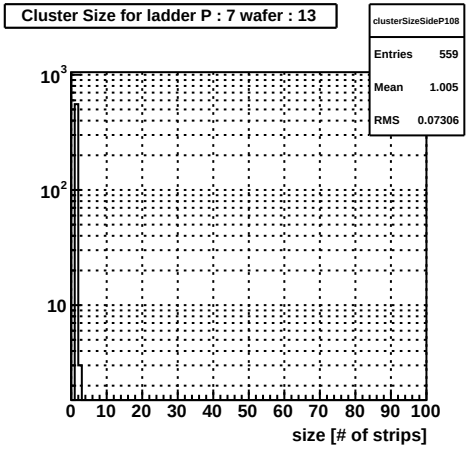

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 460
Mean 1.08
RMS 0.272
size [# of strips]

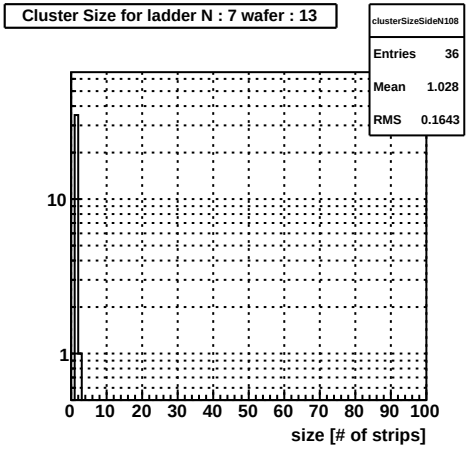

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 203
Mean 1.015
RMS 0.1207
size [# of strips]

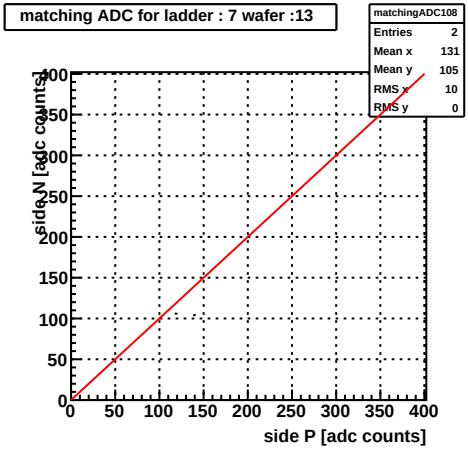

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

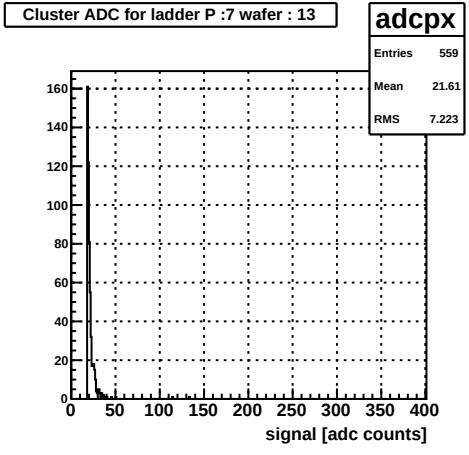

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 460
Mean 28.6
RMS 16.11
signal [adc counts]

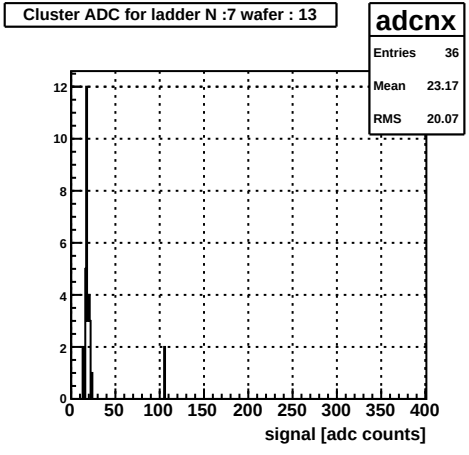

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 203
Mean 19.76
RMS 4.192
signal [adc counts]

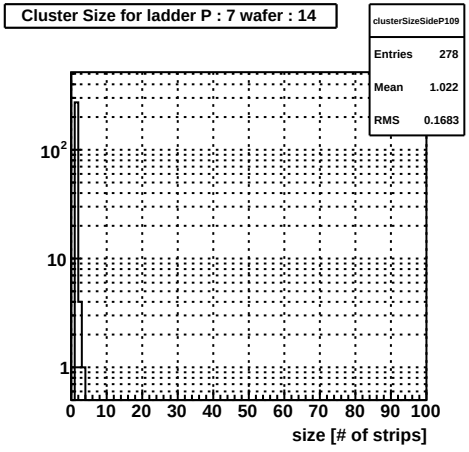

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 559
Mean 1.005
RMS 0.07306
size [# of strips]

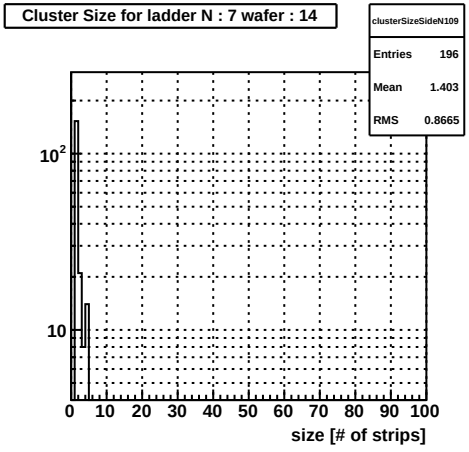

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 36
Mean 1.028
RMS 0.1643
size [# of strips]

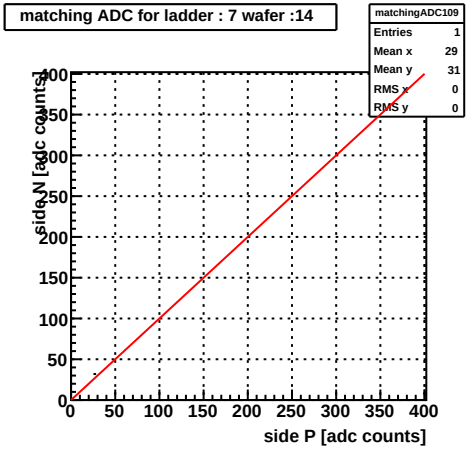

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 2
Mean x 131
Mean y 105
RMS x 10
RMS y 0
side N [adc counts]
side P [adc counts]

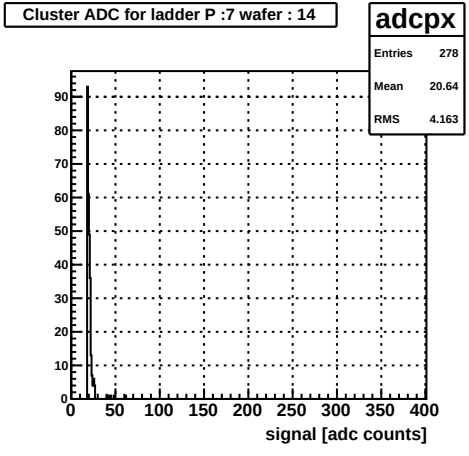

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 559
Mean 21.61
RMS 7.223
signal [adc counts]

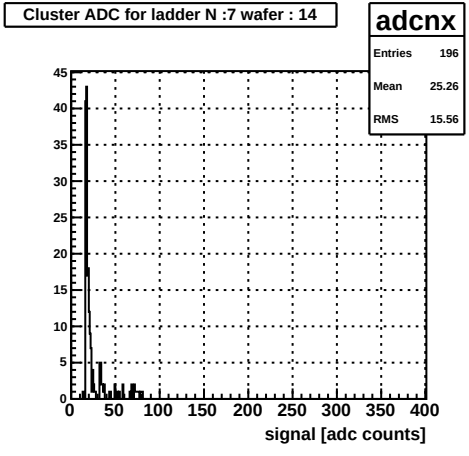

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 36
Mean 23.17
RMS 20.07
signal [adc counts]

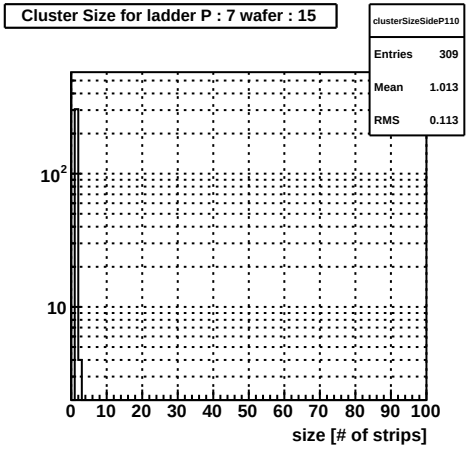

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 278
Mean 1.022
RMS 0.1683
size [# of strips]

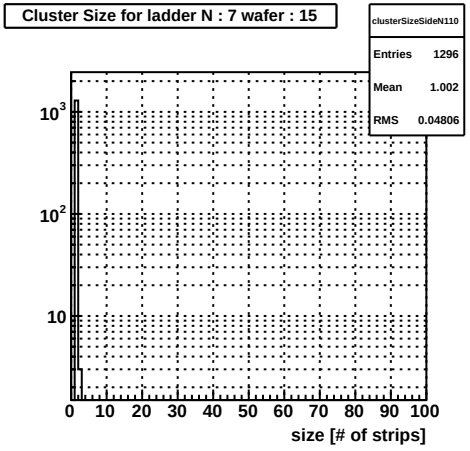

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 196
Mean 1.403
RMS 0.8665
size [# of strips]

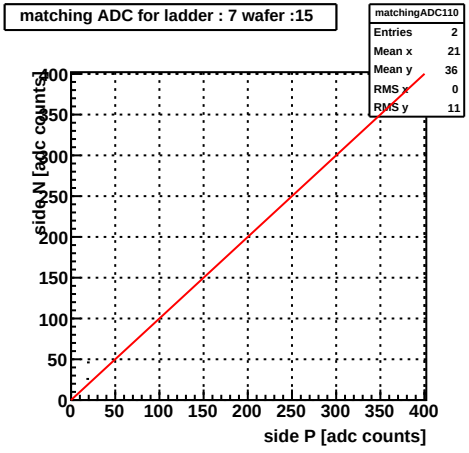

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 29
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

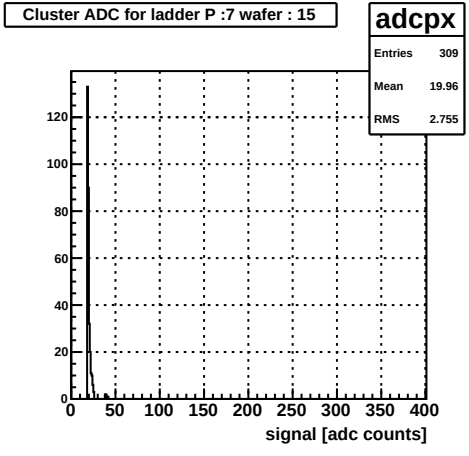

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 278
Mean 20.64
RMS 4.163
signal [adc counts]

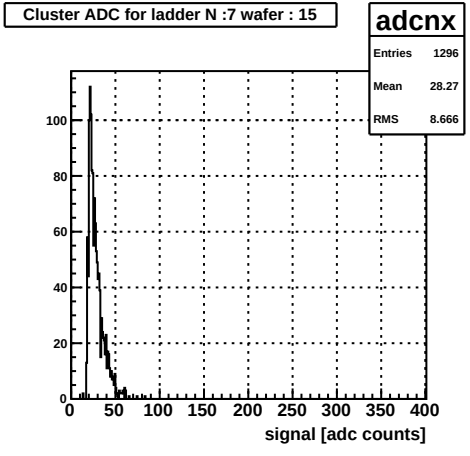

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 196
Mean 25.26
RMS 15.56
signal [adc counts]

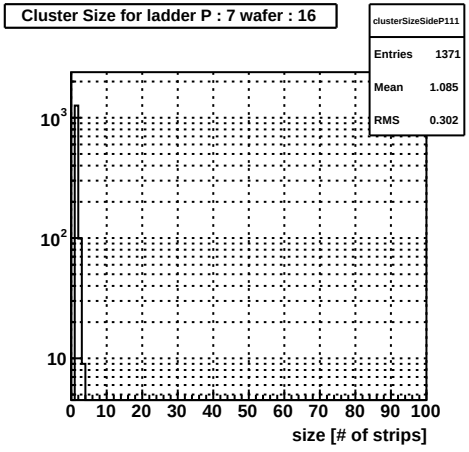

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 309
Mean 1.013
RMS 0.113
size [# of strips]

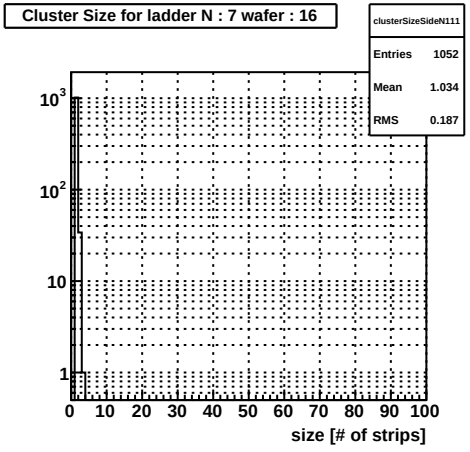

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1296
Mean 1.002
RMS 0.04806
size [# of strips]

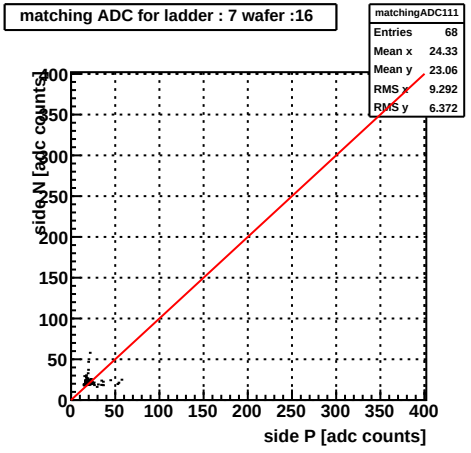

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 2
Mean x 21
Mean y 36
RMS x 0
RMS y 11
side N [adc counts]
side P [adc counts]

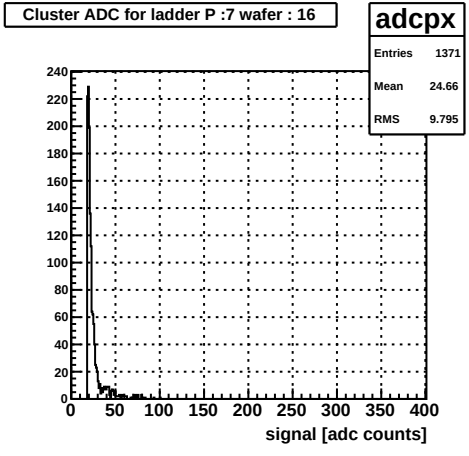

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 309
Mean 19.96
RMS 2.755
signal [adc counts]

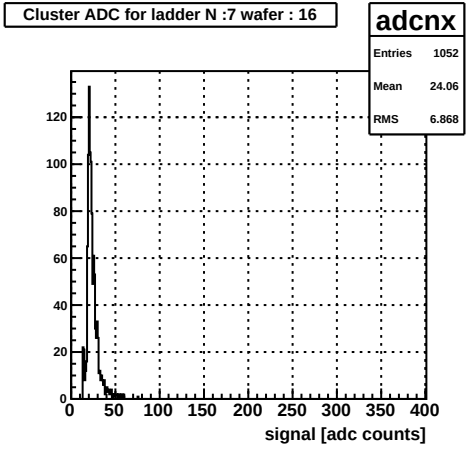

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1296
Mean 28.27
RMS 8.666
signal [adc counts]

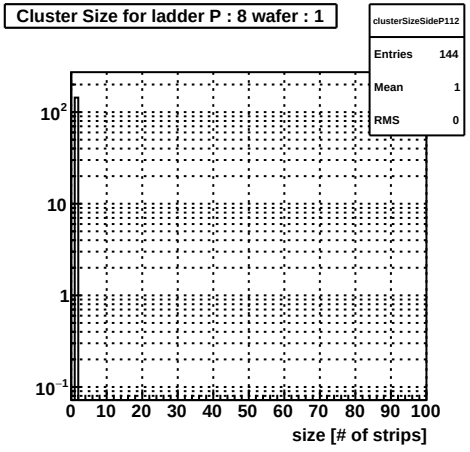

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1371
Mean 1.085
RMS 0.302
size [# of strips]

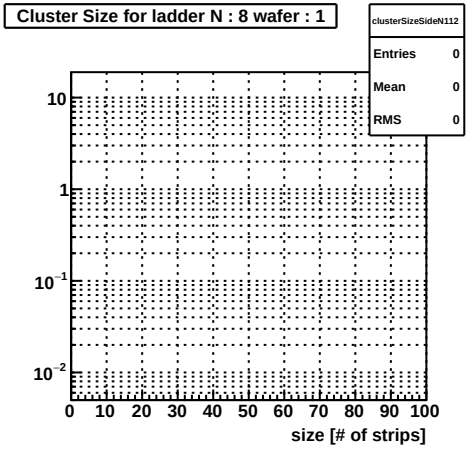

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1052
Mean 1.034
RMS 0.187
size [# of strips]

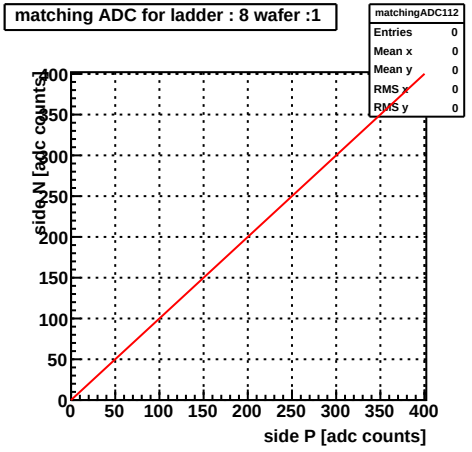

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 68
Mean x 24.33
Mean y 23.06
RMS x 9.292
RMS y 6.372
side N [adc counts]
side P [adc counts]

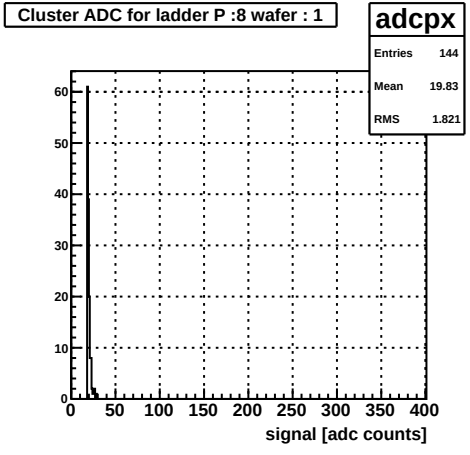

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1371
Mean 24.66
RMS 9.795
signal [adc counts]

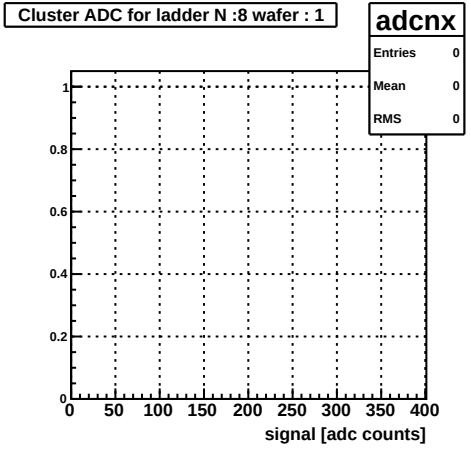

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1052
Mean 24.06
RMS 6.868
signal [adc counts]

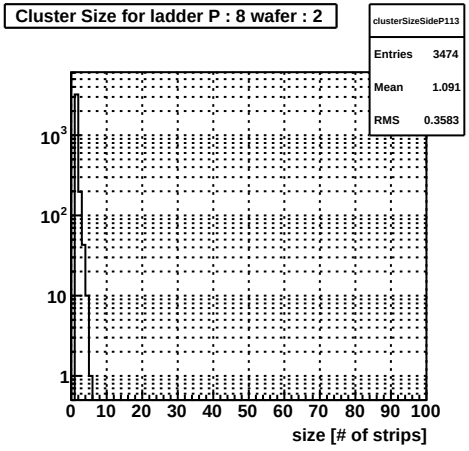

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 144
Mean 1
RMS 0
size [# of strips]

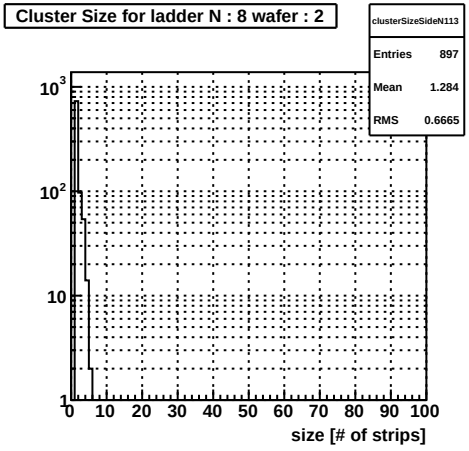

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

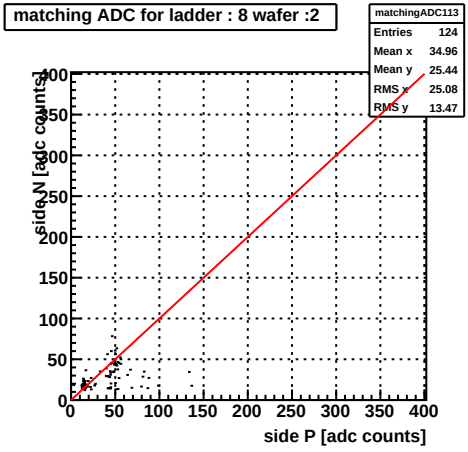

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

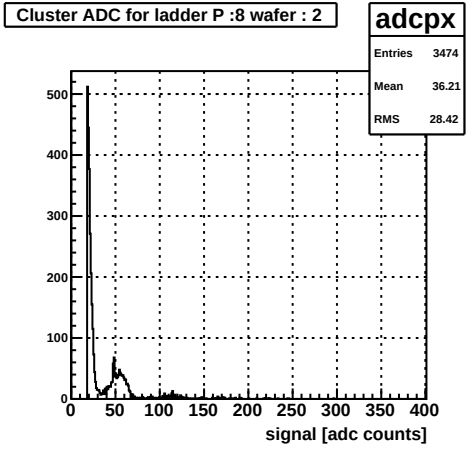

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 144
Mean 19.83
RMS 1.821
signal [adc counts]

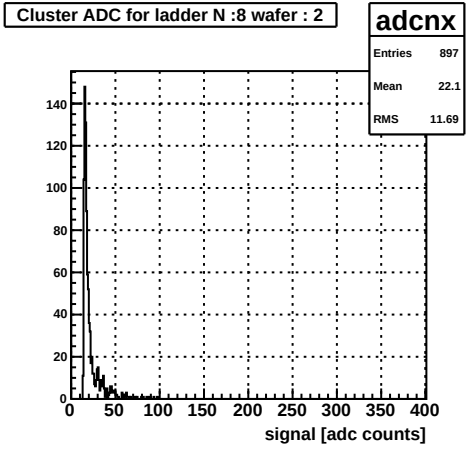

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

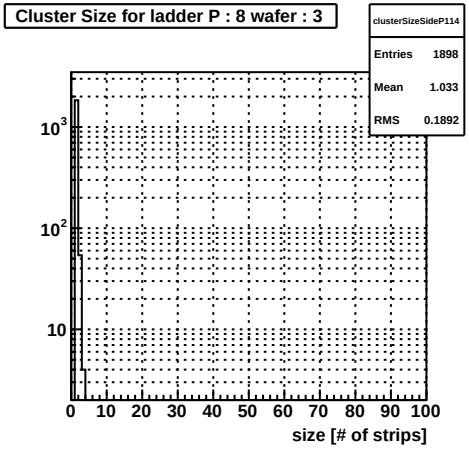

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 3474
Mean 1.091
RMS 0.3583
size [# of strips]

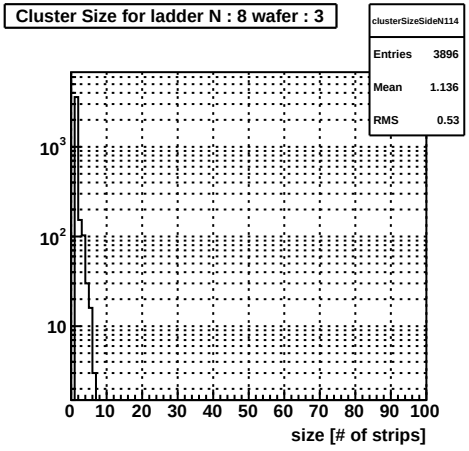

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 897
Mean 1.284
RMS 0.6665
size [# of strips]

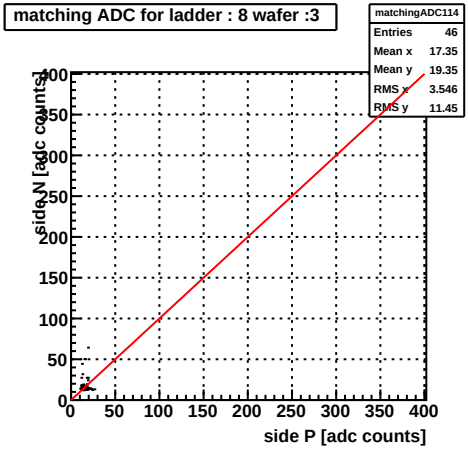

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 124
Mean x 34.96
Mean y 25.44
RMS x 25.08
RMS y 13.47
side N [adc counts]
side P [adc counts]

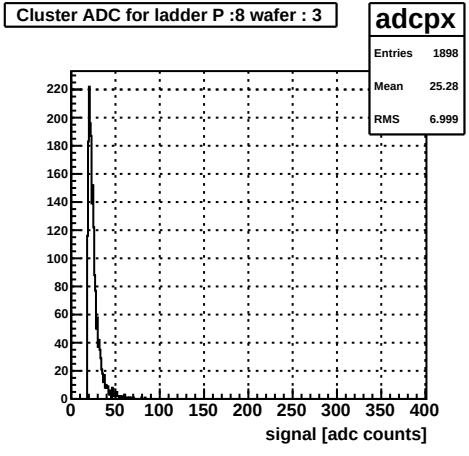

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 3474
Mean 36.21
RMS 28.42
signal [adc counts]

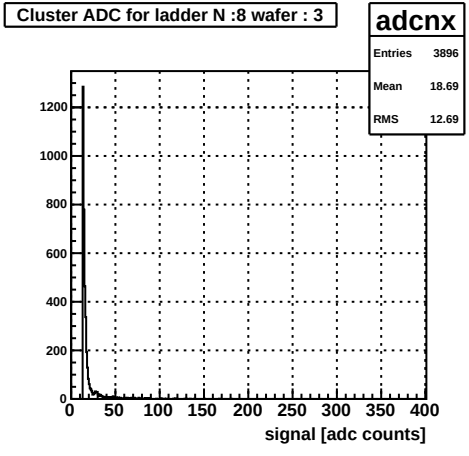

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 897
Mean 22.1
RMS 11.69
signal [adc counts]

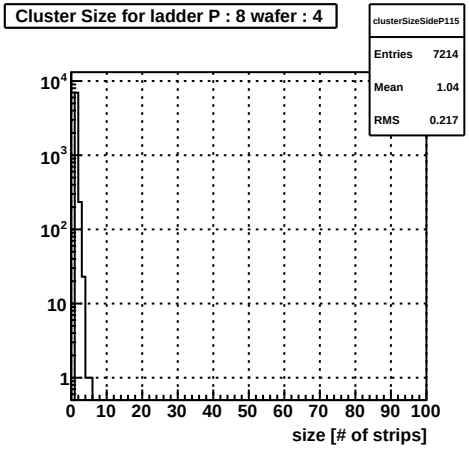

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 1898
Mean 1.033
RMS 0.1892
size [# of strips]

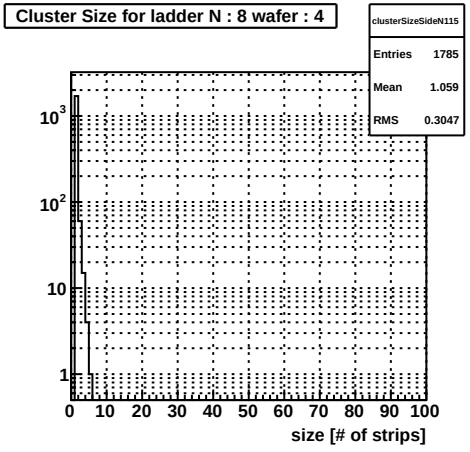

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3896
Mean 1.136
RMS 0.53
size [# of strips]

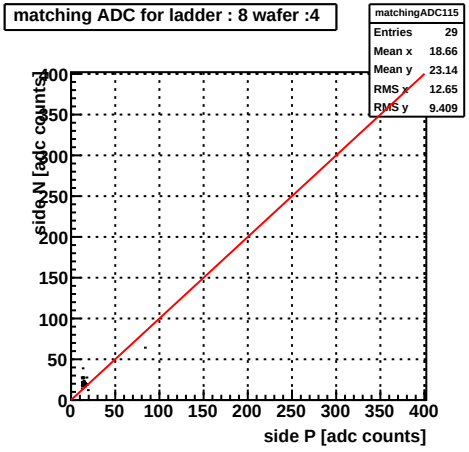

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 46
Mean x 17.35
Mean y 19.35
RMS x 3.546
RMS y 11.45
side N [adc counts]
side P [adc counts]

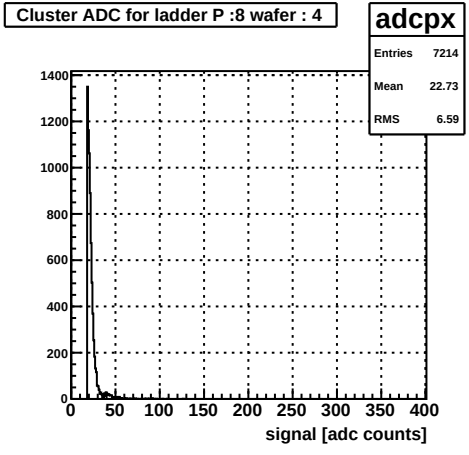

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 1898
Mean 25.28
RMS 6.999
signal [adc counts]

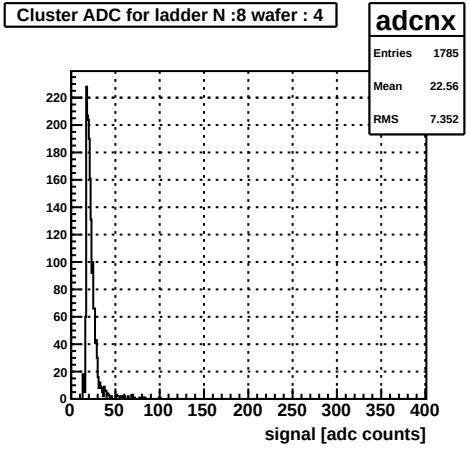

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3896
Mean 18.69
RMS 12.69
signal [adc counts]

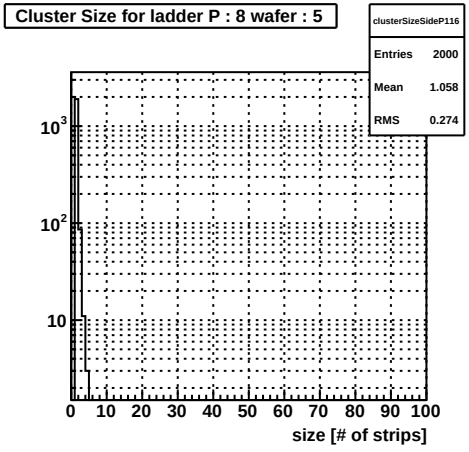

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 7214
Mean 1.04
RMS 0.217
size [# of strips]

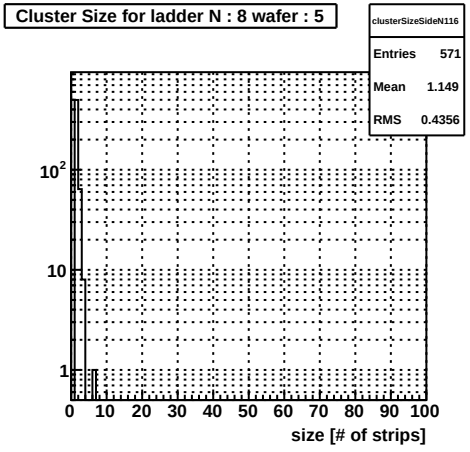

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1785
Mean 1.059
RMS 0.3047
size [# of strips]

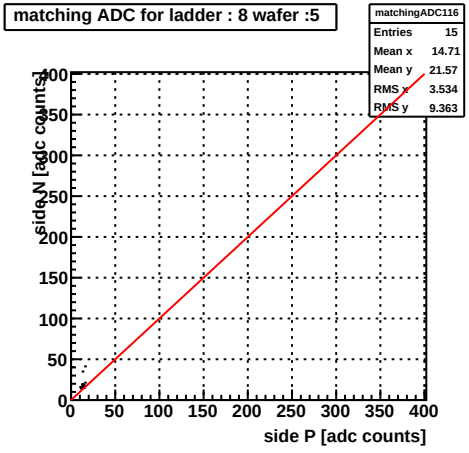

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 29
Mean x 18.66
Mean y 23.14
RMS x 12.65
RMS y 9.409
side N [adc counts]
side P [adc counts]

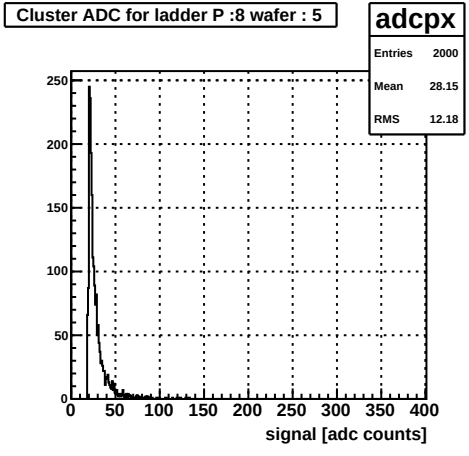

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 7214
Mean 22.73
RMS 6.59
signal [adc counts]

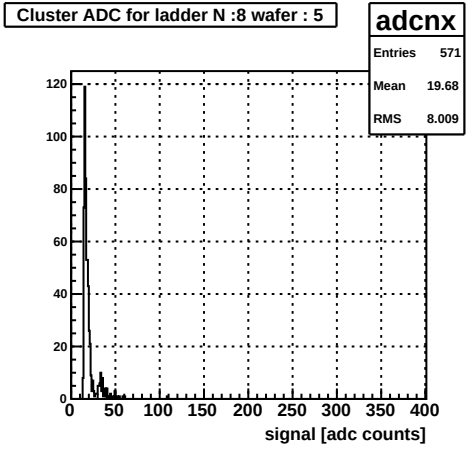

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1785
Mean 22.56
RMS 7.352
signal [adc counts]

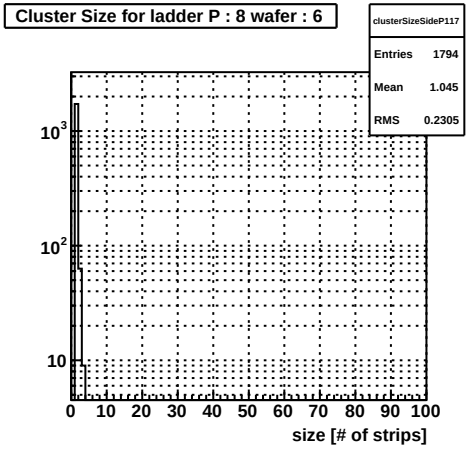

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 2000
Mean 1.058
RMS 0.274
size [# of strips]

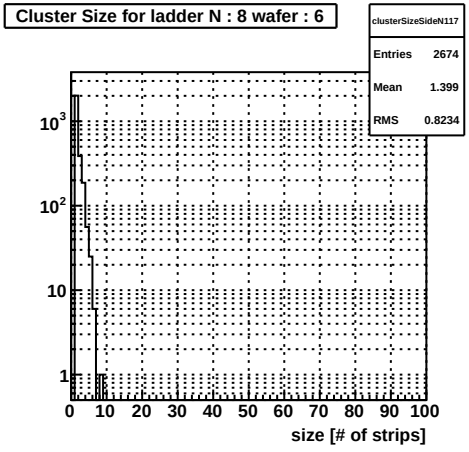

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 571
Mean 1.149
RMS 0.4356
size [# of strips]

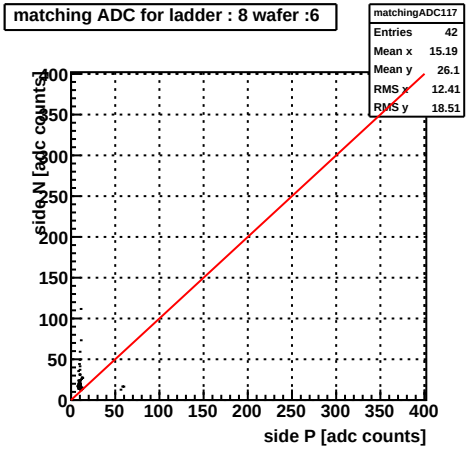

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 15
Mean x 14.71
Mean y 21.57
RMS x 3.534
RMS y 9.363
side N [adc counts]
side P [adc counts]

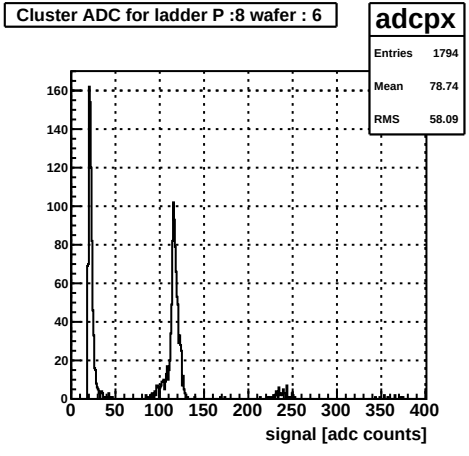

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 2000
Mean 28.15
RMS 12.18
signal [adc counts]

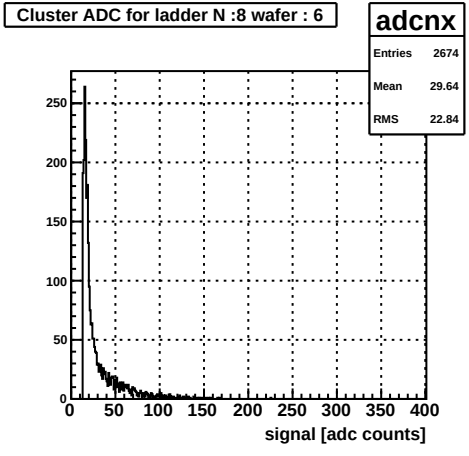

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 571
Mean 19.68
RMS 8.009
signal [adc counts]

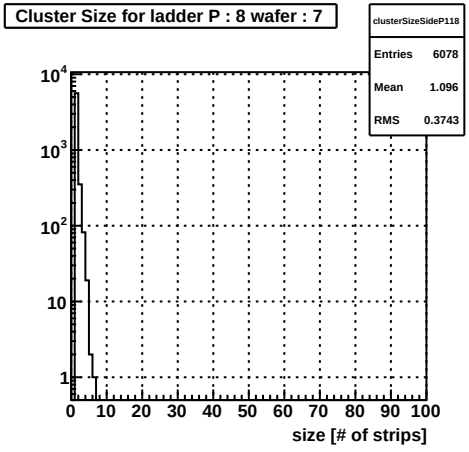

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 1794
Mean 1.045
RMS 0.2305
size [# of strips]

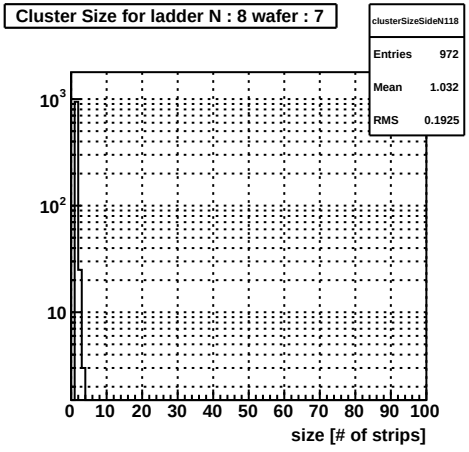

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2674
Mean 1.399
RMS 0.8234
size [# of strips]

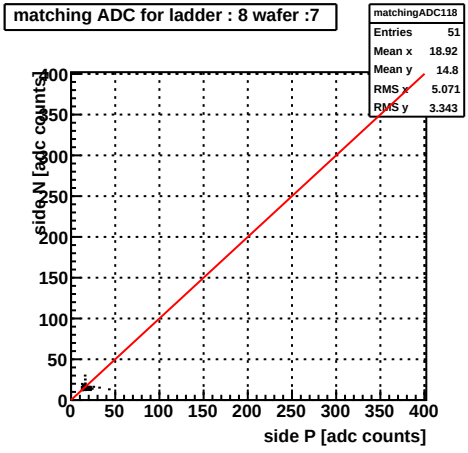

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 42
Mean x 15.19
Mean y 26.1
RMS x 12.41
RMS y 18.51
side N [adc counts]
side P [adc counts]

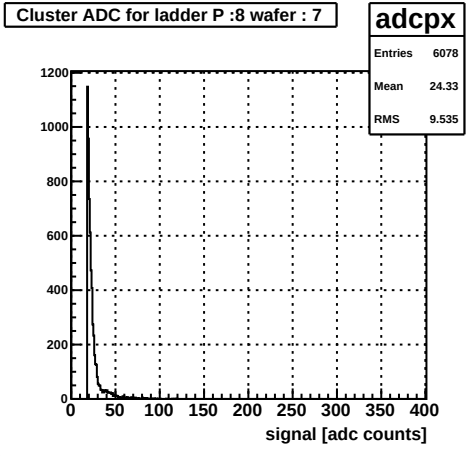

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 1794
Mean 78.74
RMS 58.09
signal [adc counts]

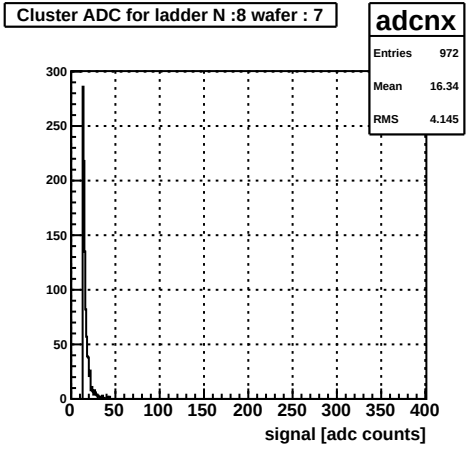

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2674
Mean 29.64
RMS 22.84
signal [adc counts]

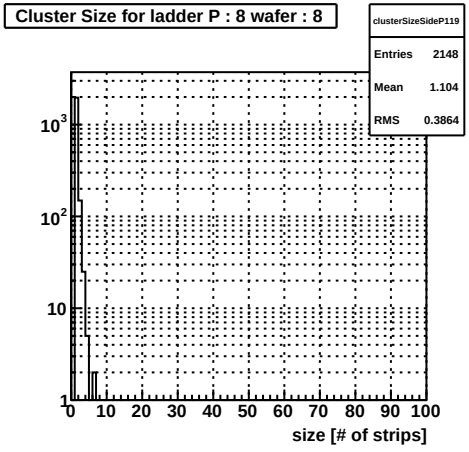

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6078
Mean 1.096
RMS 0.3743
size [# of strips]

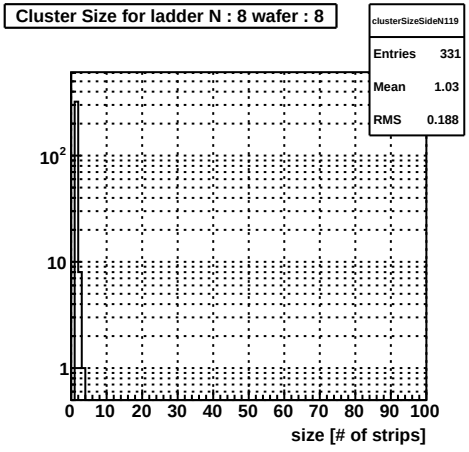

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 972
Mean 1.032
RMS 0.1925
size [# of strips]

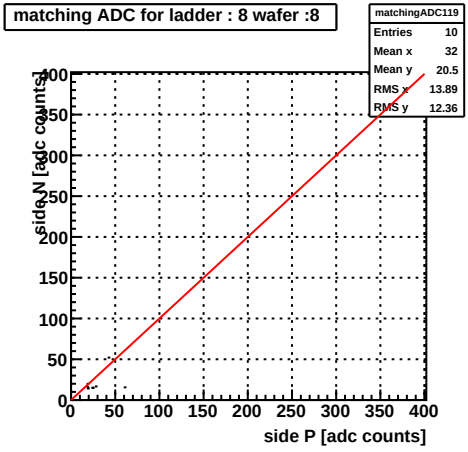

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 51
Mean x 18.92
Mean y 14.8
RMS x 5.071
RMS y 3.343
side N [adc counts]
side P [adc counts]

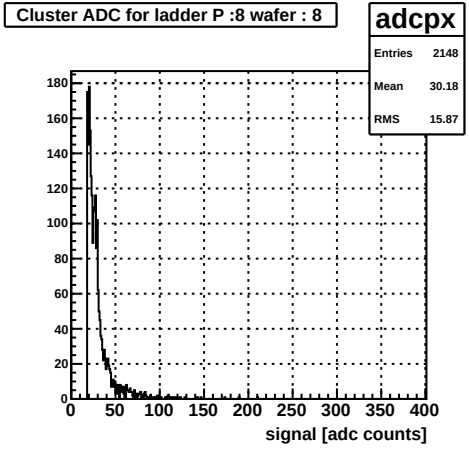

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6078
Mean 24.33
RMS 9.535
signal [adc counts]

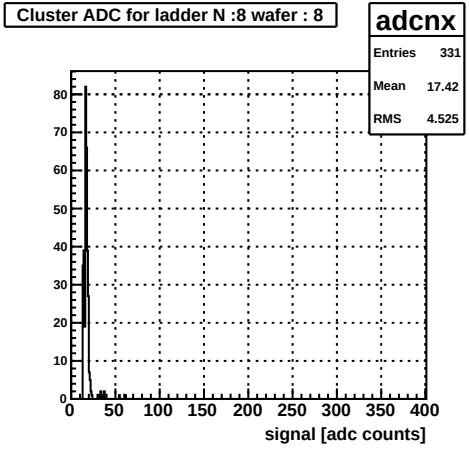

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 972
Mean 16.34
RMS 4.145
signal [adc counts]

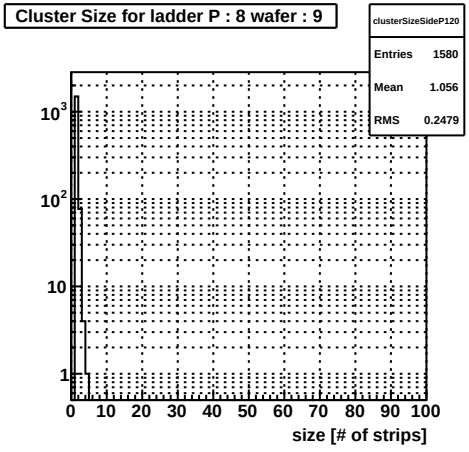

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 2148
Mean 1.104
RMS 0.3864
size [# of strips]

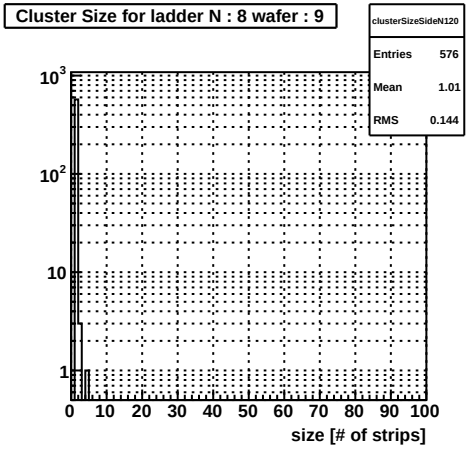

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 331
Mean 1.03
RMS 0.188
size [# of strips]

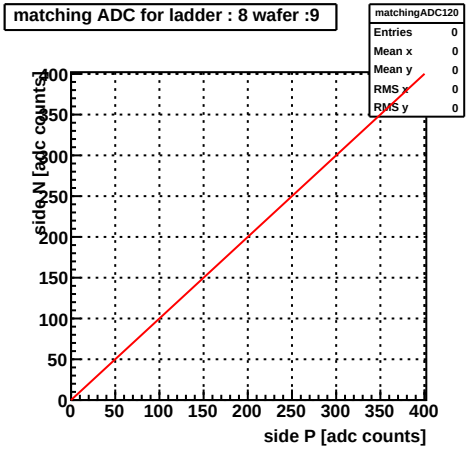

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10
Mean x 32
Mean y 20.5
RMS x 13.89
RMS y 12.36
side N [adc counts]
side P [adc counts]

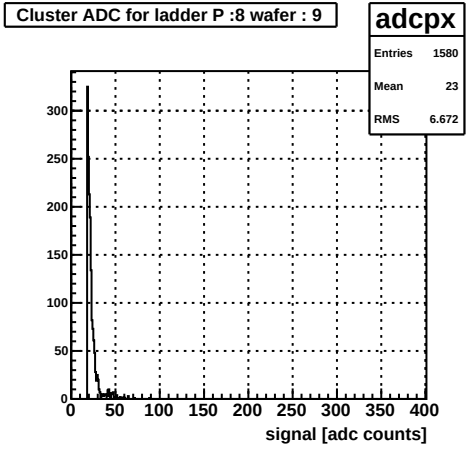

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 2148
Mean 30.18
RMS 15.87
signal [adc counts]

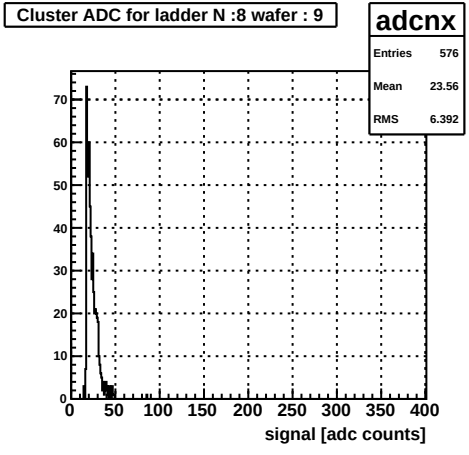

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 331
Mean 17.42
RMS 4.525
signal [adc counts]

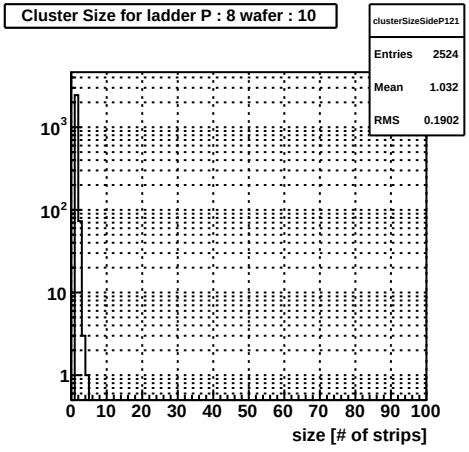

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 1580
Mean 1.056
RMS 0.2479
size [# of strips]

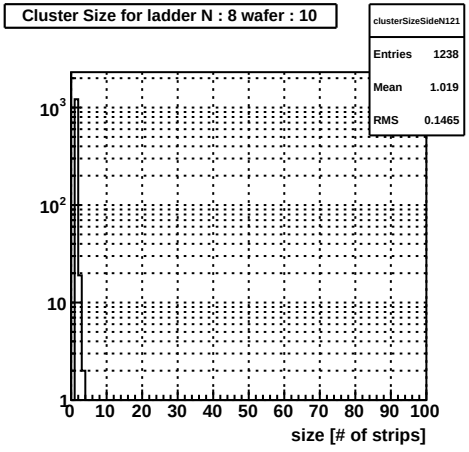

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 576
Mean 1.01
RMS 0.144
size [# of strips]

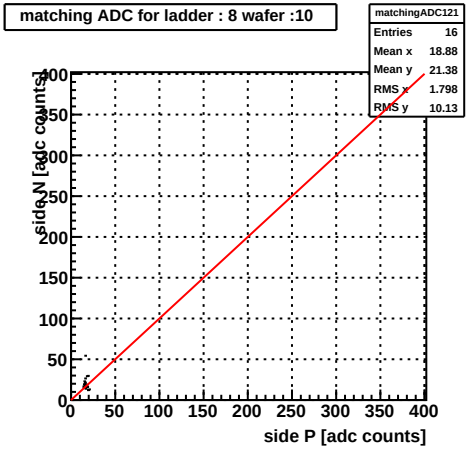

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

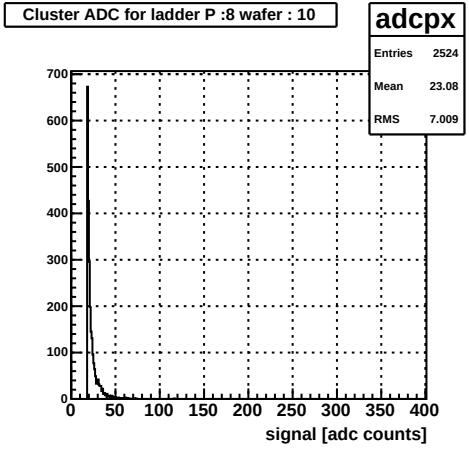

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 1580
Mean 23
RMS 6.672
signal [adc counts]

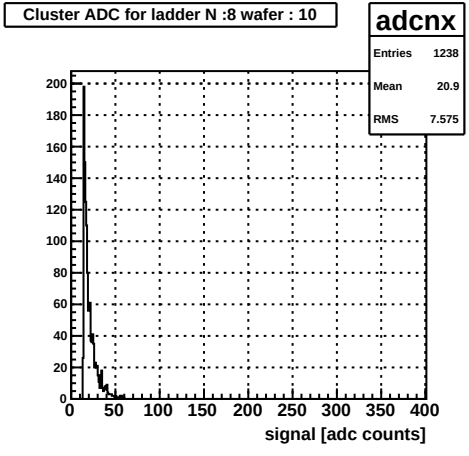

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 576
Mean 23.56
RMS 6.392
signal [adc counts]

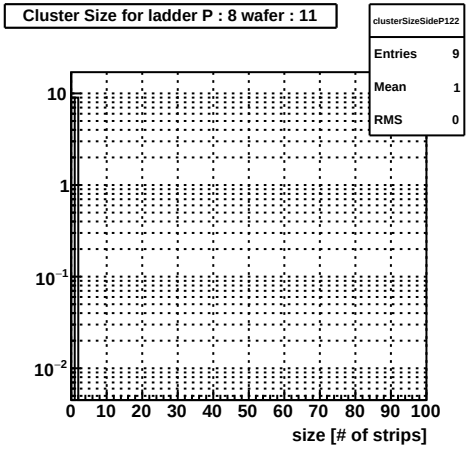

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2524
Mean 1.032
RMS 0.1902
size [# of strips]

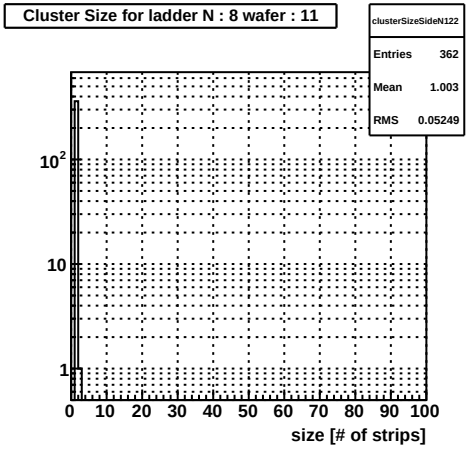

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1238
Mean 1.019
RMS 0.1465
size [# of strips]

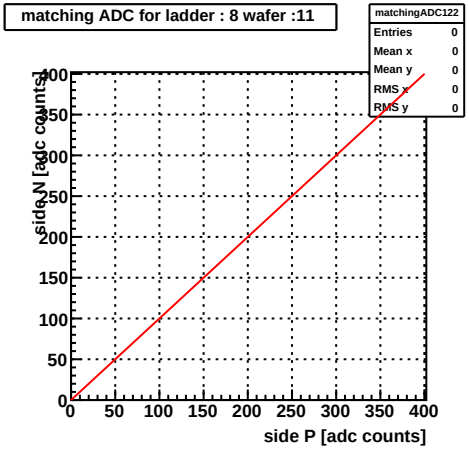

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 16
Mean x 18.88
Mean y 21.38
RMS x 1.798
RMS y 10.13
side N [adc counts]
side P [adc counts]

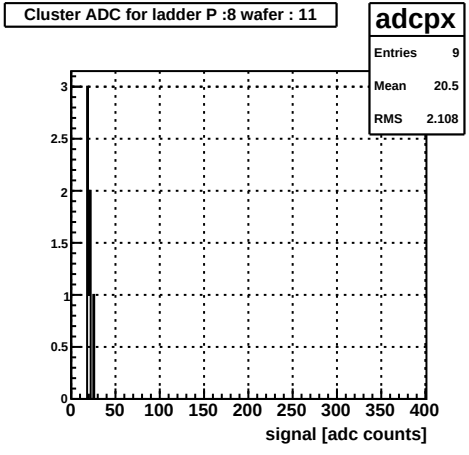

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2524
Mean 23.08
RMS 7.009
signal [adc counts]

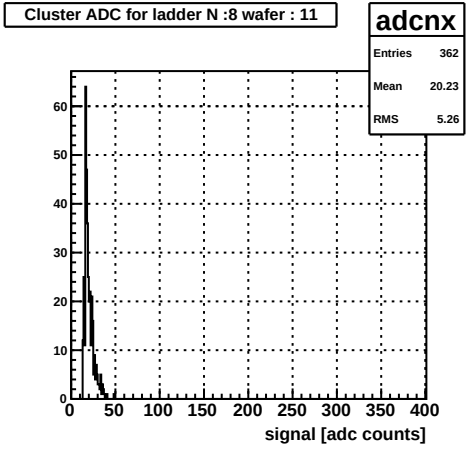

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1238
Mean 20.9
RMS 7.575
signal [adc counts]

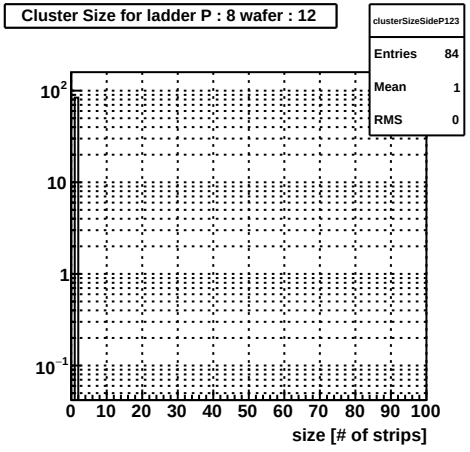

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9
Mean 1
RMS 0
size [# of strips]

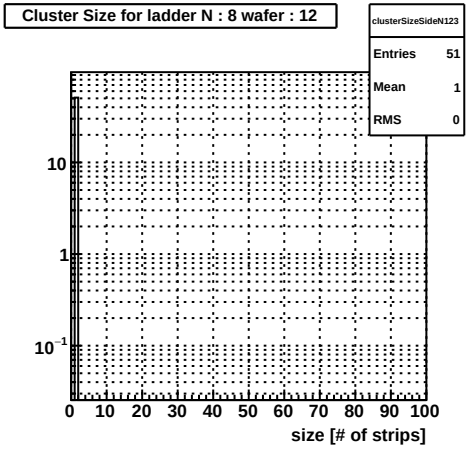

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 362
Mean 1.003
RMS 0.05249
size [# of strips]

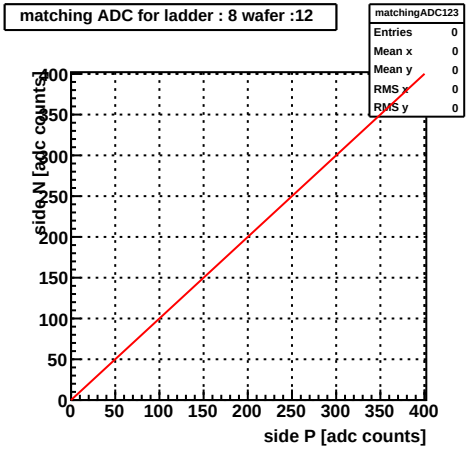

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

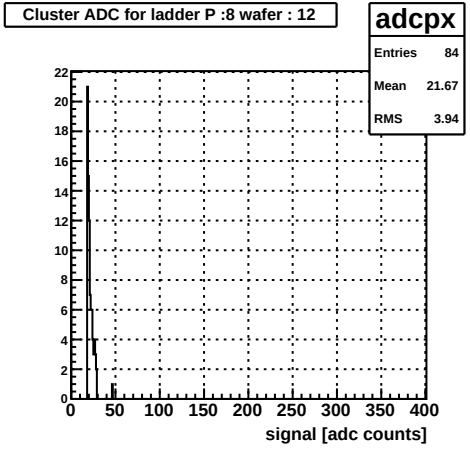

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9
Mean 20.5
RMS 2.108
signal [adc counts]

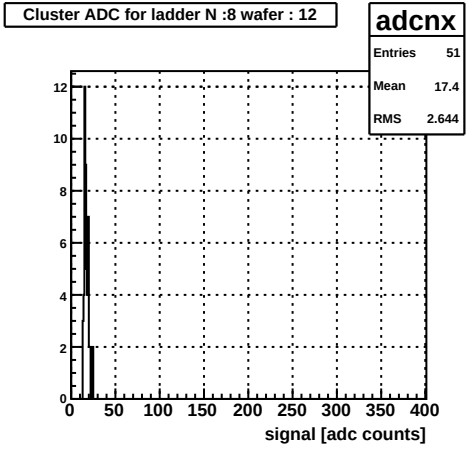

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 362
Mean 20.23
RMS 5.26
signal [adc counts]

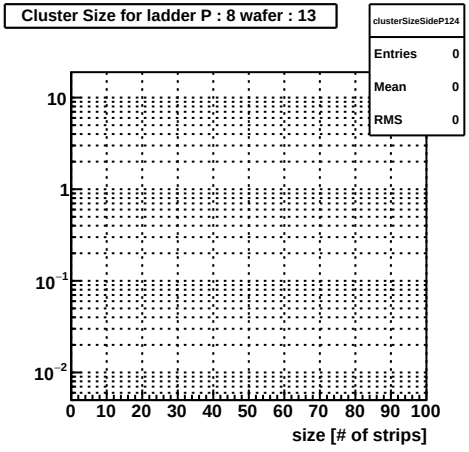

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 84
Mean 1
RMS 0
size [# of strips]

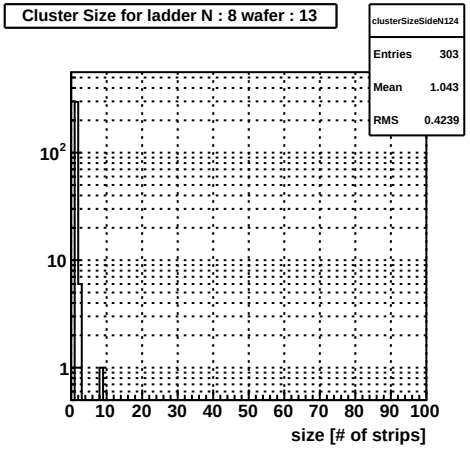

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 51
Mean 1
RMS 0
size [# of strips]

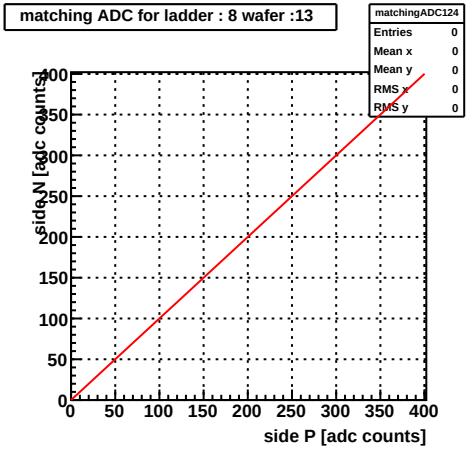

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

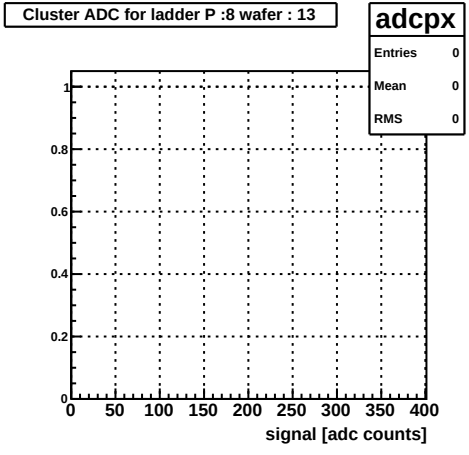

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 84
Mean 21.67
RMS 3.94
signal [adc counts]

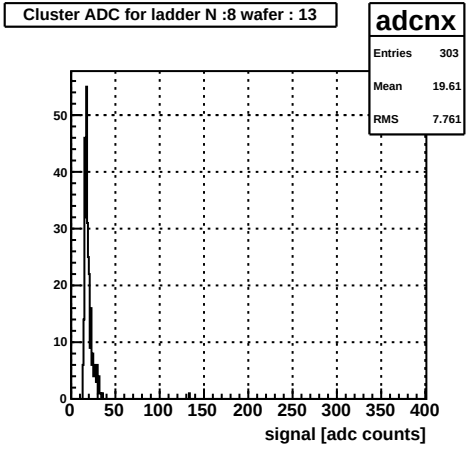

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 51
Mean 17.4
RMS 2.644
signal [adc counts]

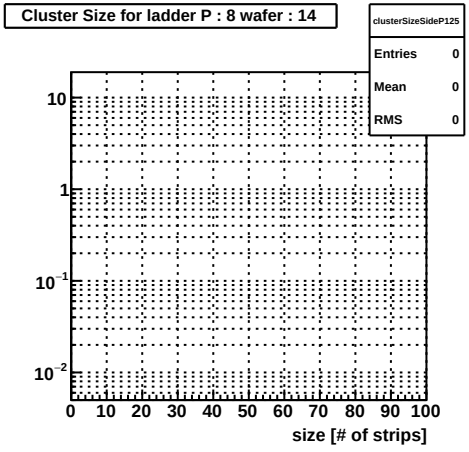

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

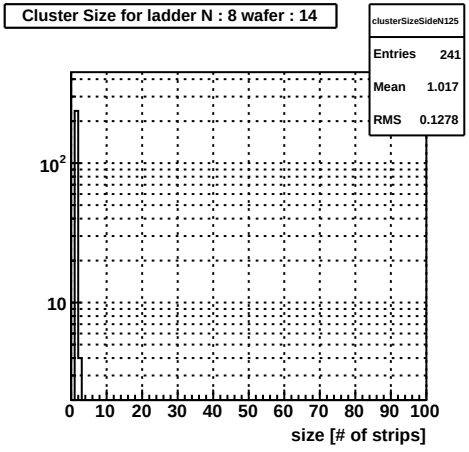

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 303
Mean 1.043
RMS 0.4239
size [# of strips]

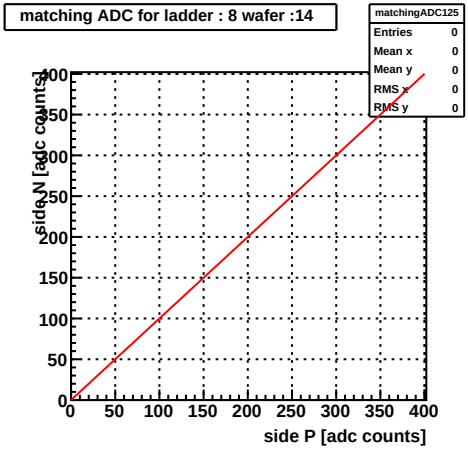

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

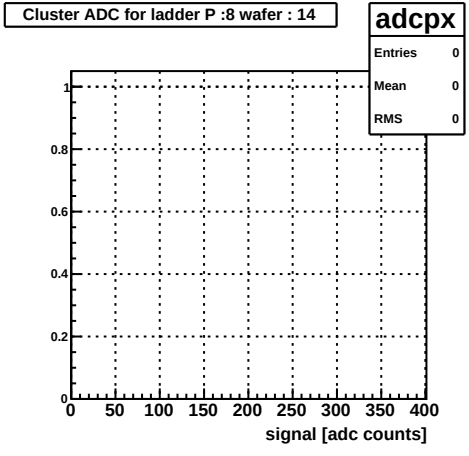

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

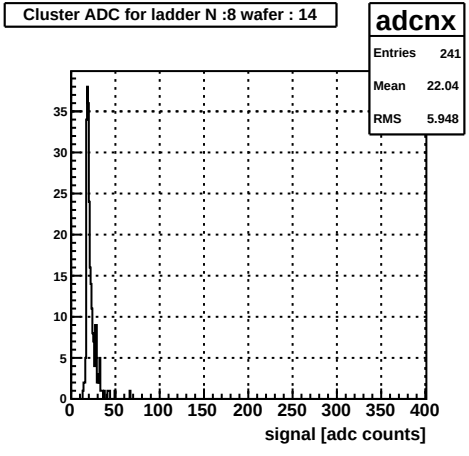

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 303
Mean 19.61
RMS 7.761
signal [adc counts]

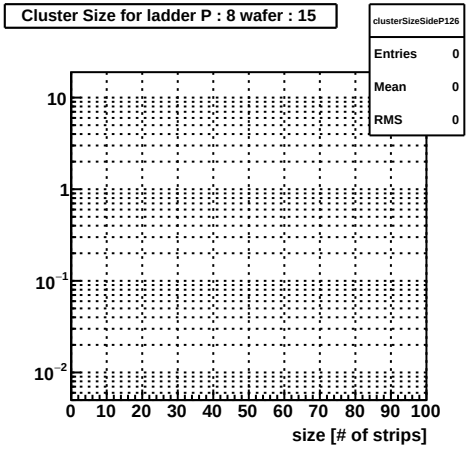

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

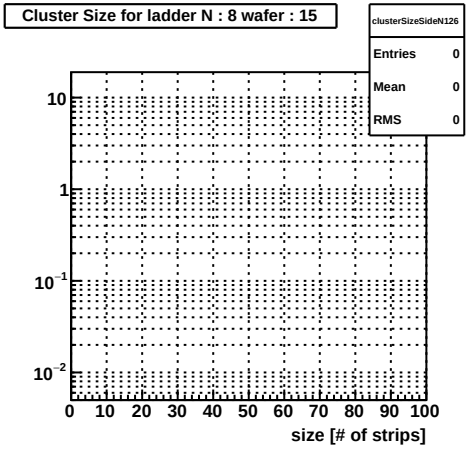

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 241
Mean 1.017
RMS 0.1278
size [# of strips]

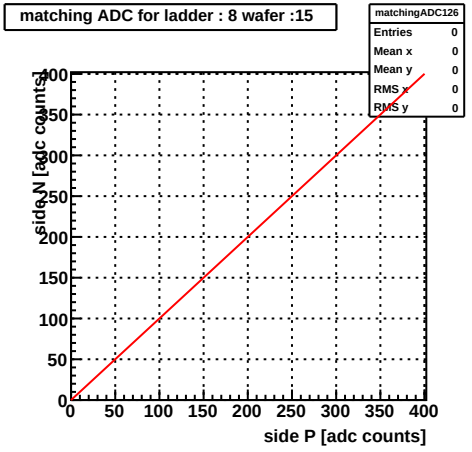

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

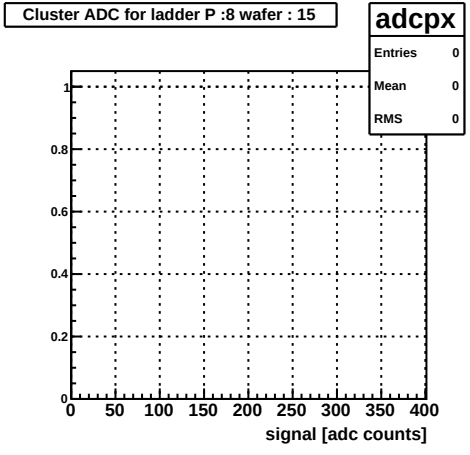

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

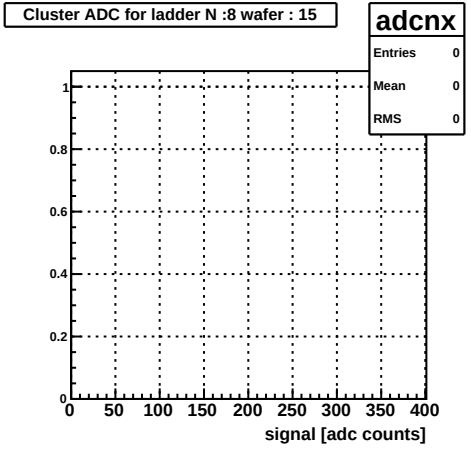

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 241
Mean 22.04
RMS 5.948
signal [adc counts]

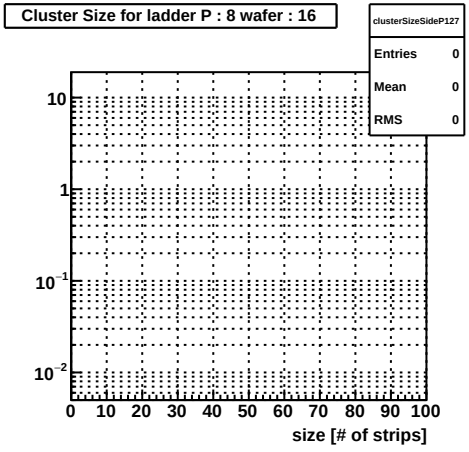

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

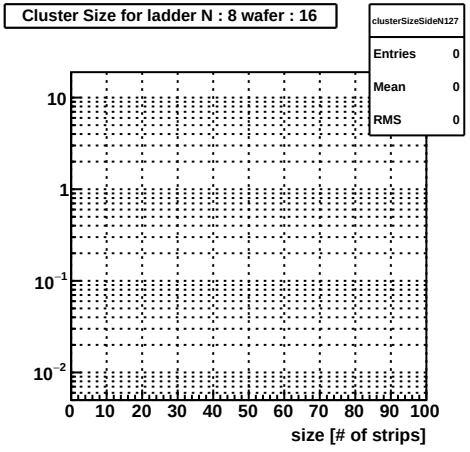

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

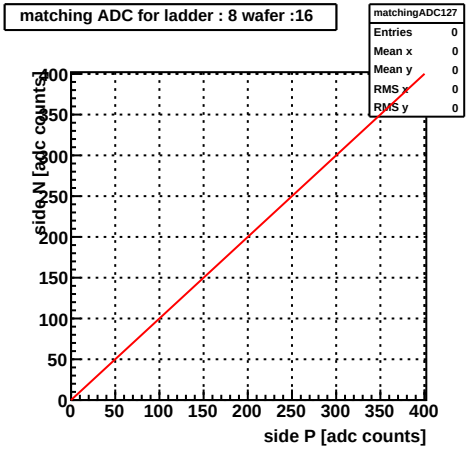

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

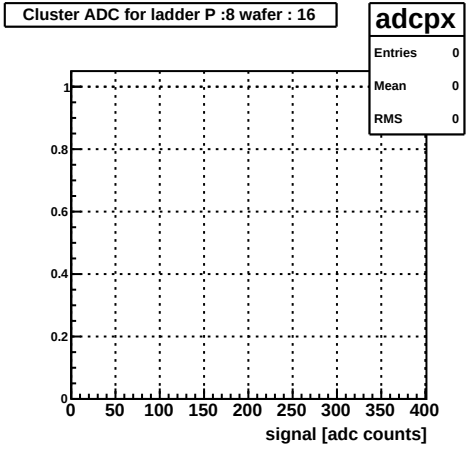

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

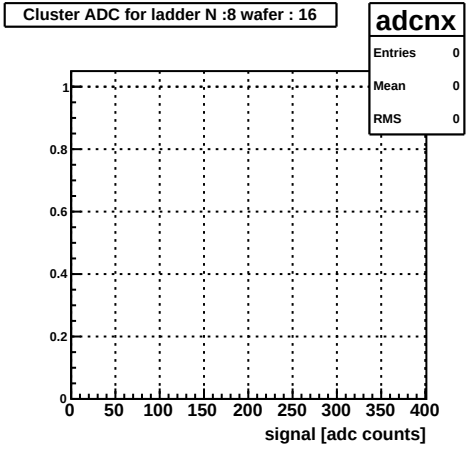

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

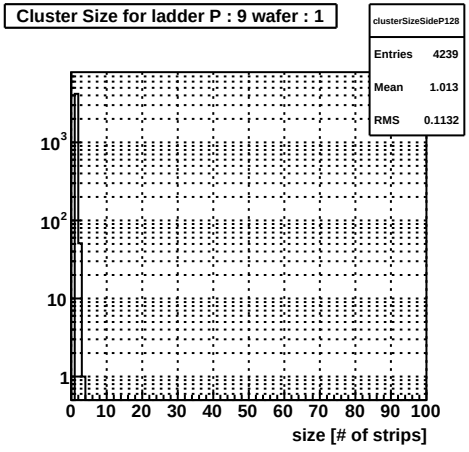

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

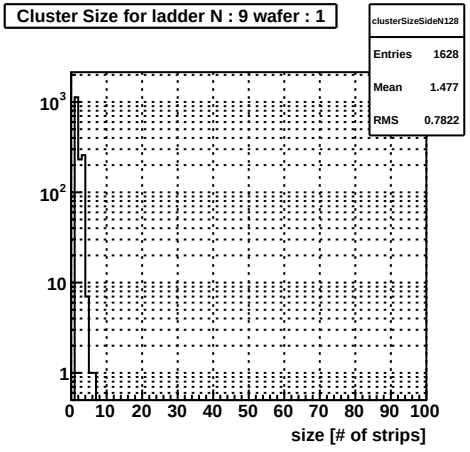

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

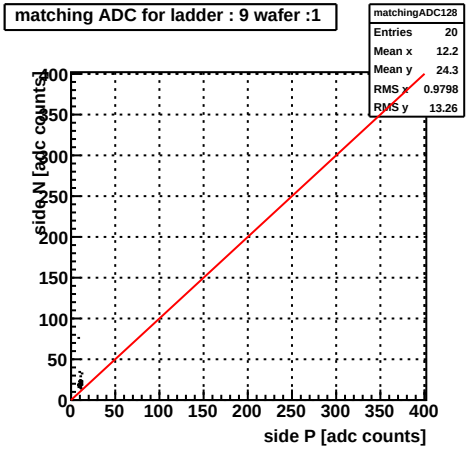

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

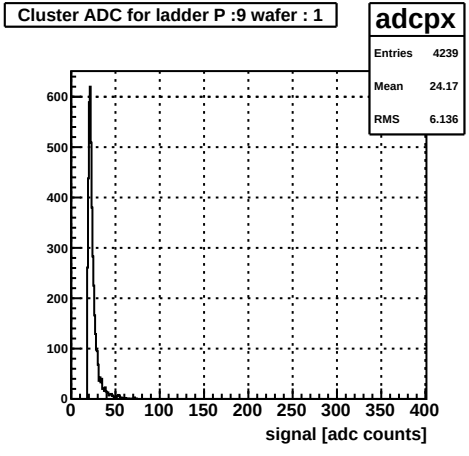

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

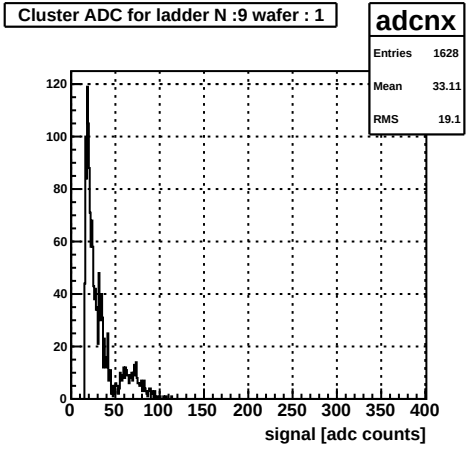

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

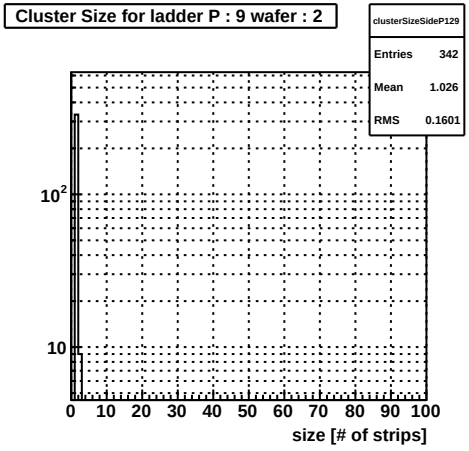

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 4239
Mean 1.013
RMS 0.1132
size [# of strips]

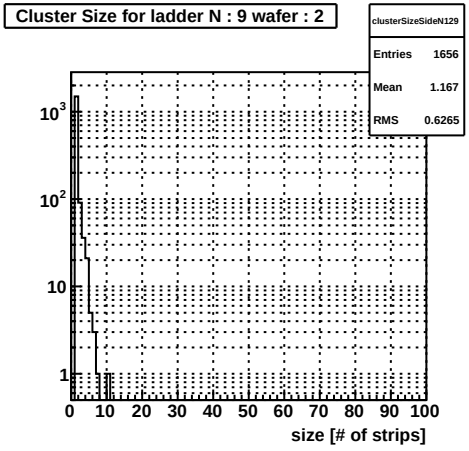

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1628
Mean 1.477
RMS 0.7822
size [# of strips]

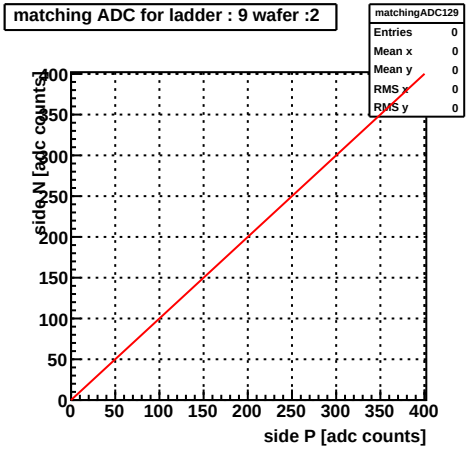

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 20
Mean x 12.2
Mean y 24.3
RMS x 0.9798
RMS y 13.26
side N [adc counts]
side P [adc counts]

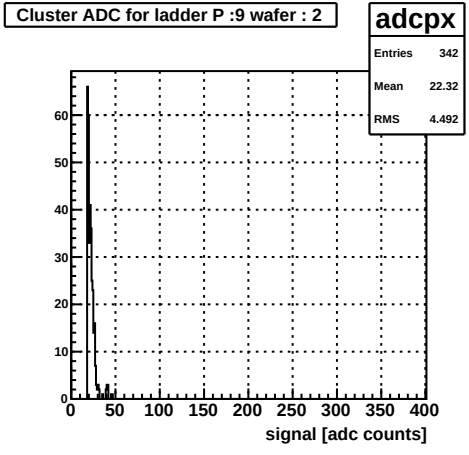

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 4239
Mean 24.17
RMS 6.136
signal [adc counts]

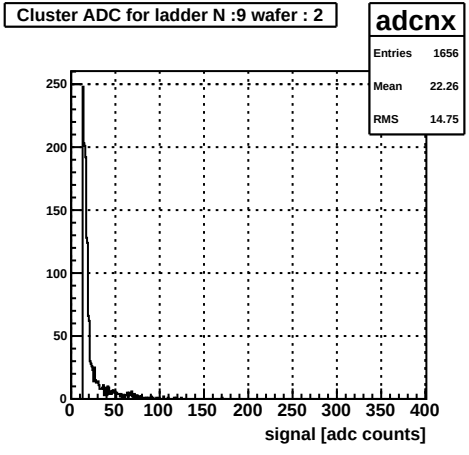

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1628
Mean 33.11
RMS 19.1
signal [adc counts]

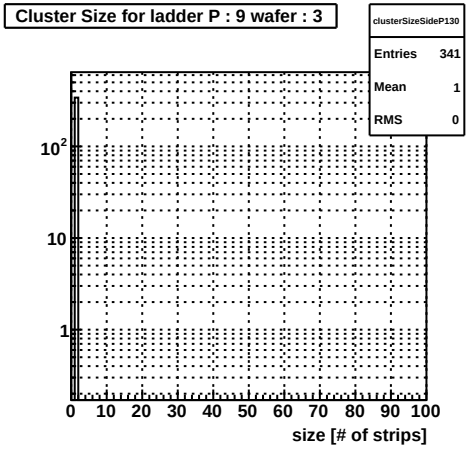

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 342
Mean 1.026
RMS 0.1601
size [# of strips]

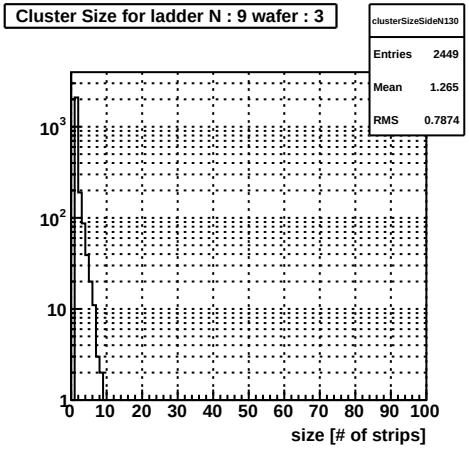

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1656
Mean 1.167
RMS 0.6265
size [# of strips]

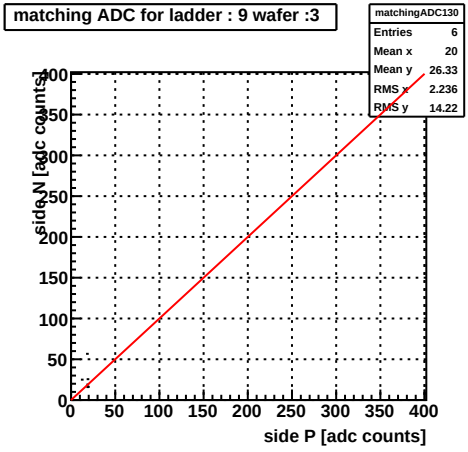

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

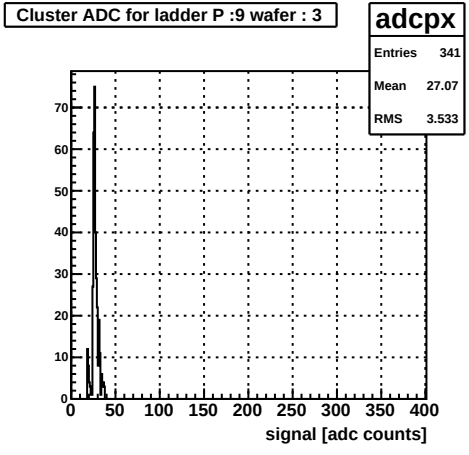

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 342
Mean 22.32
RMS 4.492
signal [adc counts]

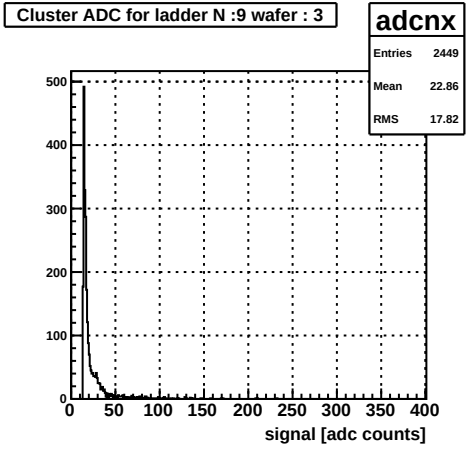

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1656
Mean 22.26
RMS 14.75
signal [adc counts]

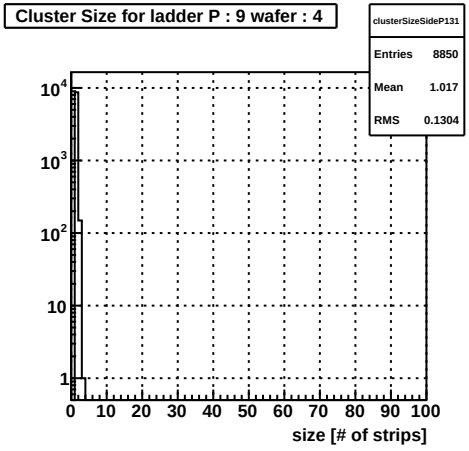

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 341
Mean 1
RMS 0
size [# of strips]

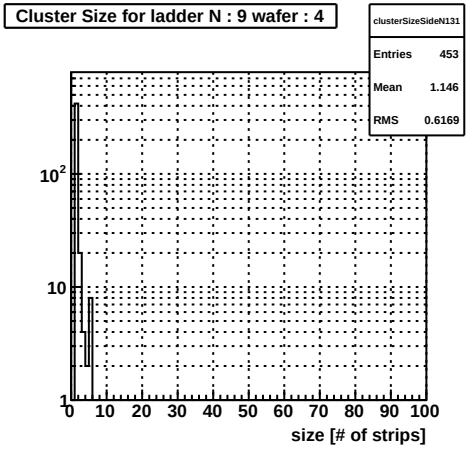

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 2449
Mean 1.265
RMS 0.7874
size [# of strips]

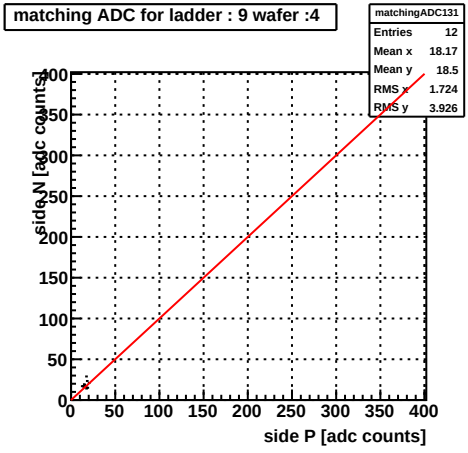

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 6
Mean x 20
Mean y 26.33
RMS x 2.236
RMS y 14.22
side N [adc counts]
side P [adc counts]

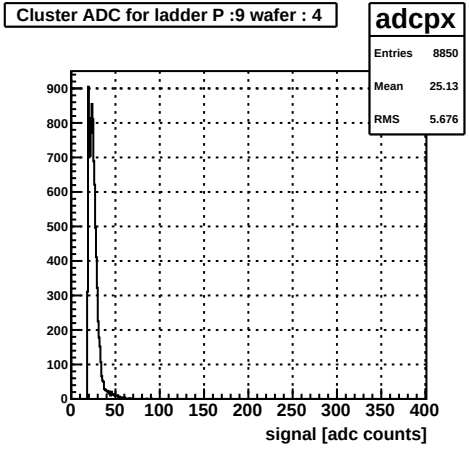

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 341
Mean 27.07
RMS 3.533
signal [adc counts]

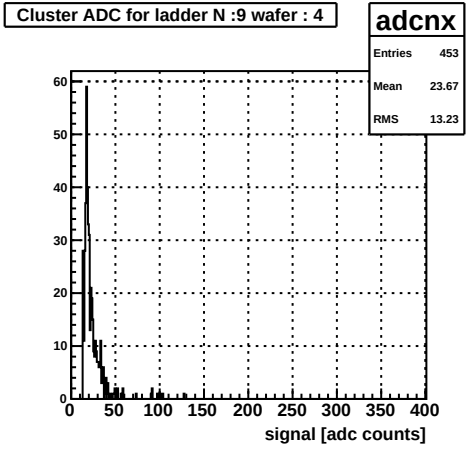

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 2449
Mean 22.86
RMS 17.82
signal [adc counts]

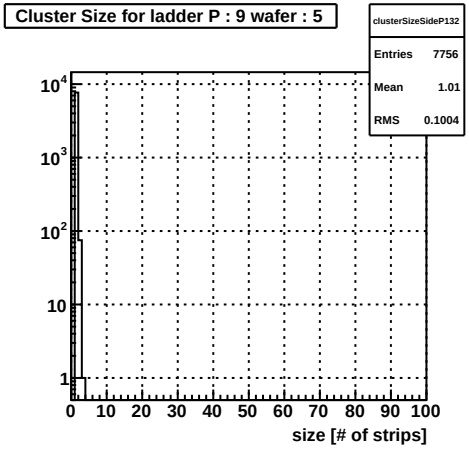

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8850
Mean 1.017
RMS 0.1304
size [# of strips]

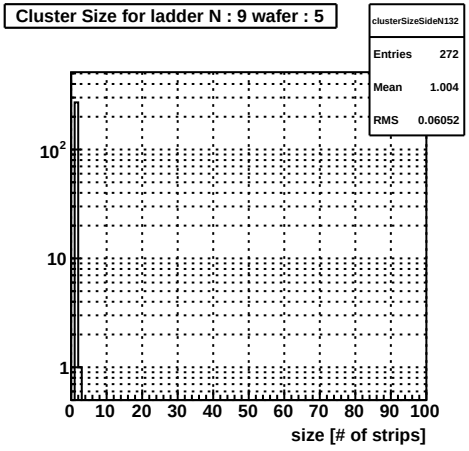

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 453
Mean 1.146
RMS 0.6169
size [# of strips]

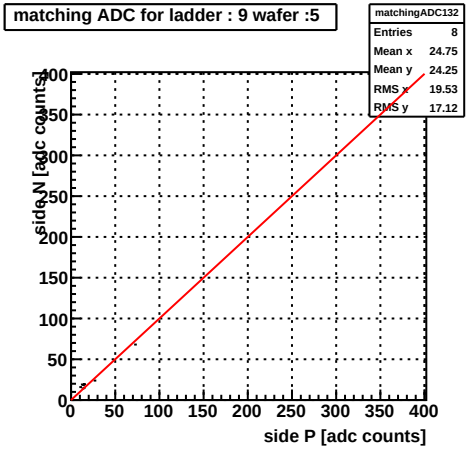

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 12
Mean x 18.17
Mean y 18.5
RMS x 1.724
RMS y 3.926
side N [adc counts]
side P [adc counts]

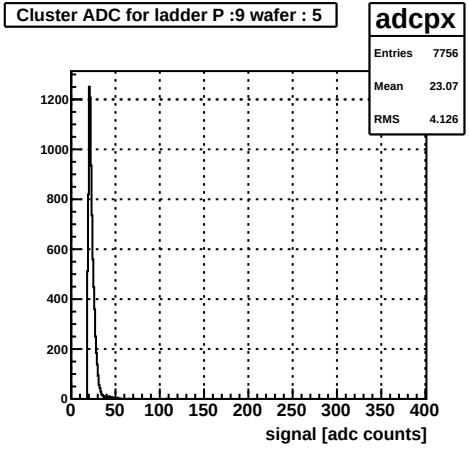

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8850
Mean 25.13
RMS 5.676
signal [adc counts]

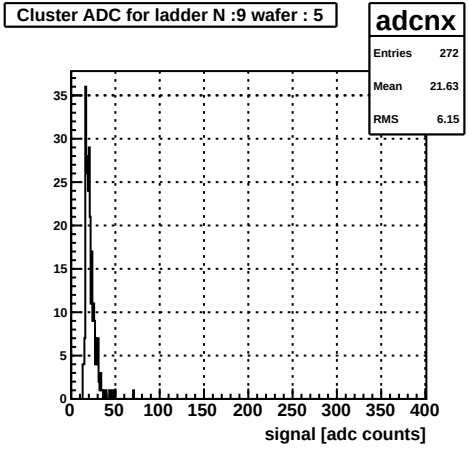

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 453
Mean 23.67
RMS 13.23
signal [adc counts]

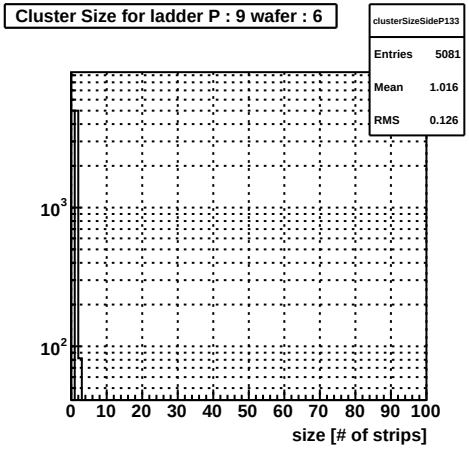

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7756
Mean 1.01
RMS 0.1004
size [# of strips]

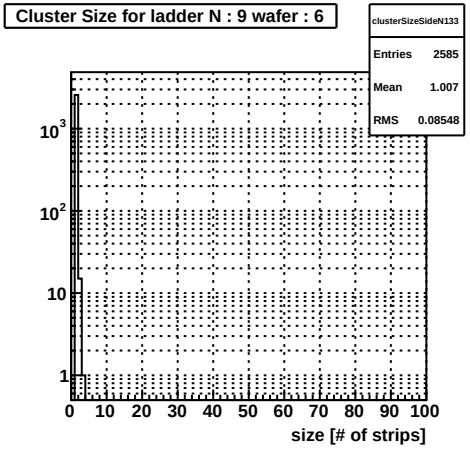

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 272
Mean 1.004
RMS 0.06052
size [# of strips]

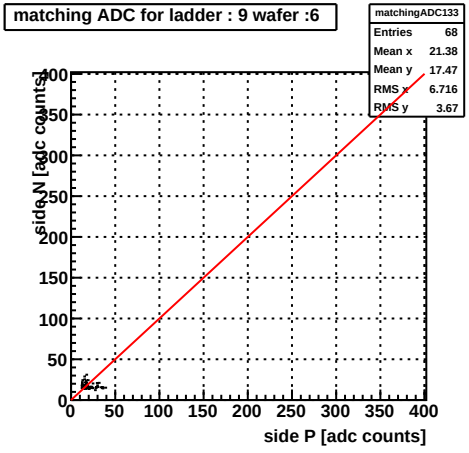

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 8
Mean x 24.75
Mean y 24.25
RMS x 19.53
RMS y 17.12
side N [adc counts]
side P [adc counts]

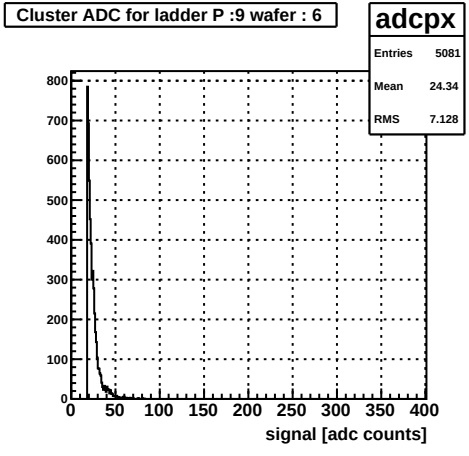

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7756
Mean 23.07
RMS 4.126
signal [adc counts]

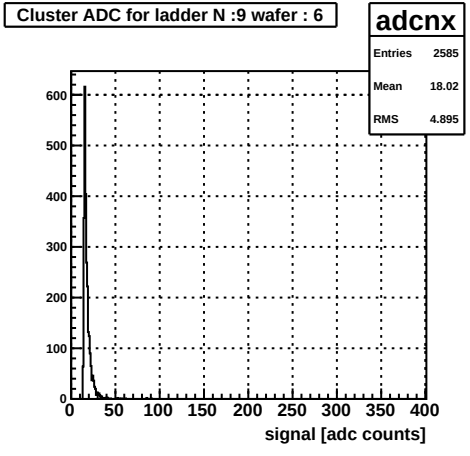

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 272
Mean 21.63
RMS 6.15
signal [adc counts]

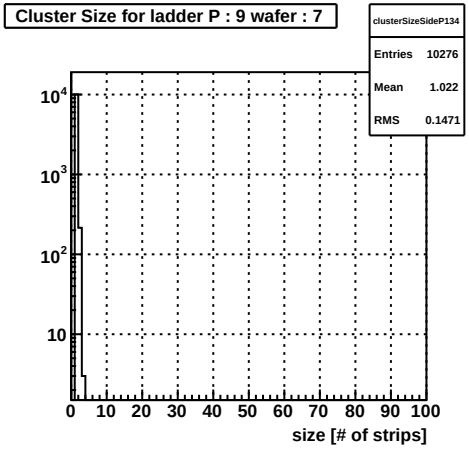

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 5081
Mean 1.016
RMS 0.126
size [# of strips]

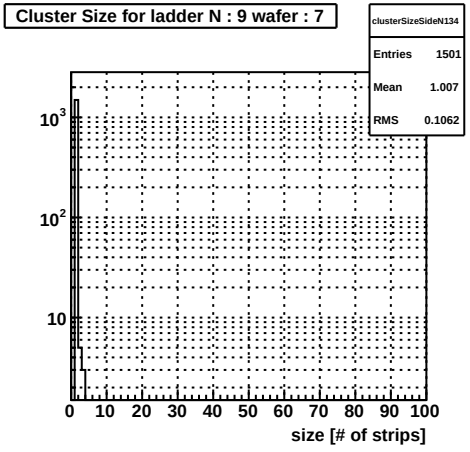

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 2585
Mean 1.007
RMS 0.08548
size [# of strips]

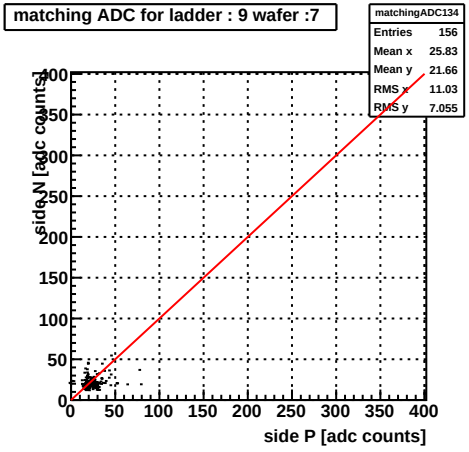

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 68
Mean x 21.38
Mean y 17.47
RMS x 6.716
RMS y 3.67
side N [adc counts]
side P [adc counts]

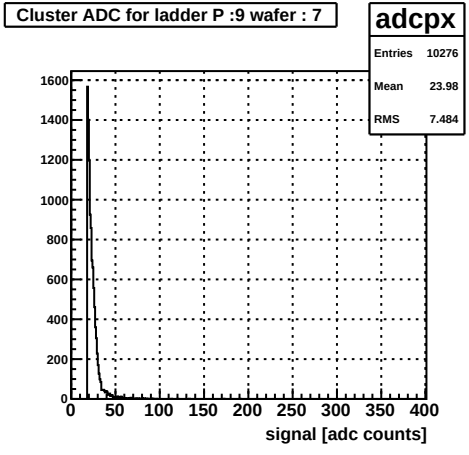

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 5081
Mean 24.34
RMS 7.128
signal [adc counts]

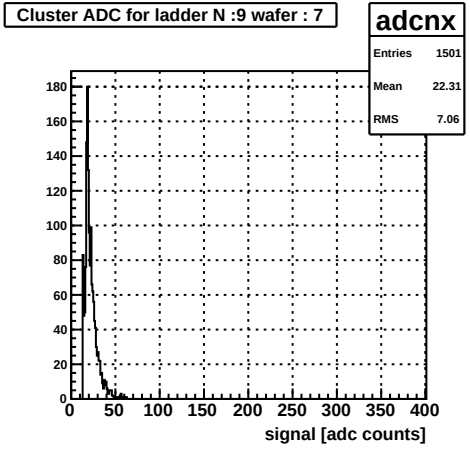

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 2585
Mean 18.02
RMS 4.895
signal [adc counts]

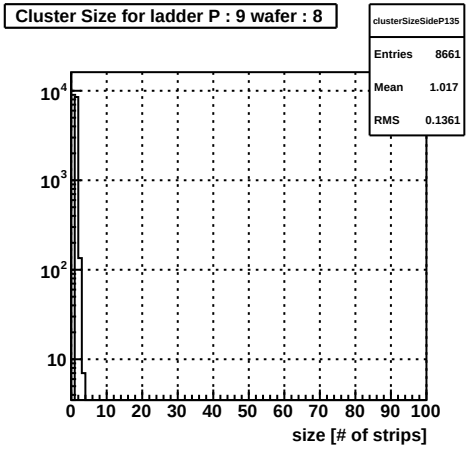

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 10276
Mean 1.022
RMS 0.1471
size [# of strips]

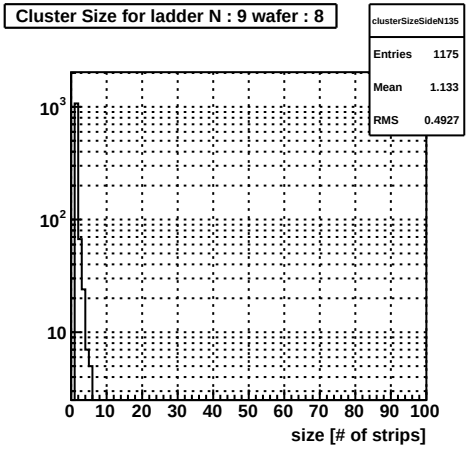

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 1501
Mean 1.007
RMS 0.1062
size [# of strips]

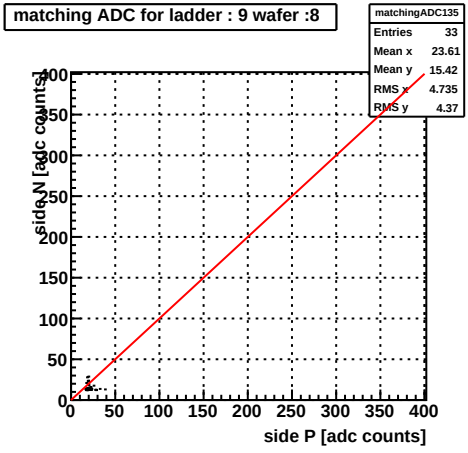

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 156
Mean x 25.83
Mean y 21.66
RMS x 11.03
RMS y 7.055
side N [adc counts]
side P [adc counts]

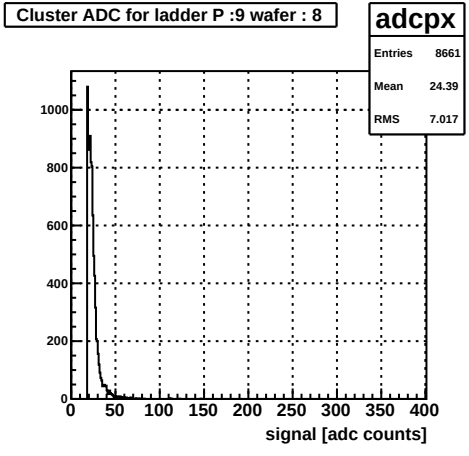

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 10276
Mean 23.98
RMS 7.484
signal [adc counts]

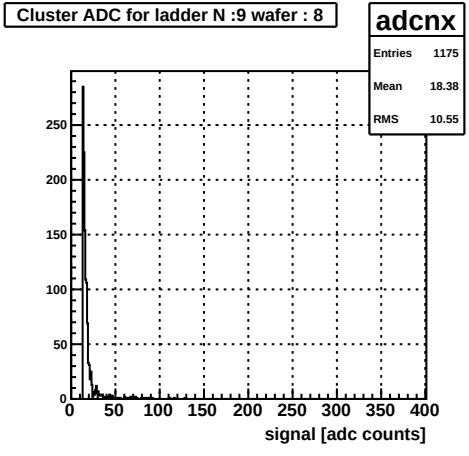

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 1501
Mean 22.31
RMS 7.06
signal [adc counts]

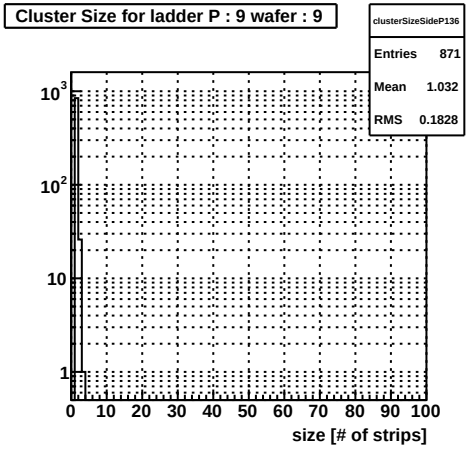

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 8661
Mean 1.017
RMS 0.1361
size [# of strips]

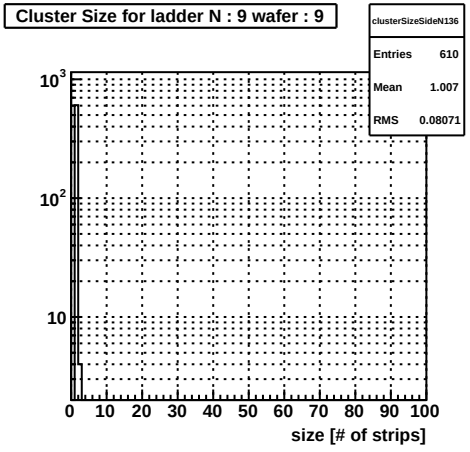

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 1175
Mean 1.133
RMS 0.4927
size [# of strips]

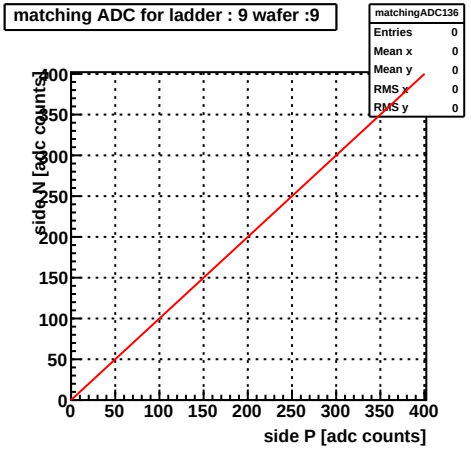

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 33
Mean x 23.61
Mean y 15.42
RMS x 4.735
RMS y 4.37
side N [adc counts]
side P [adc counts]

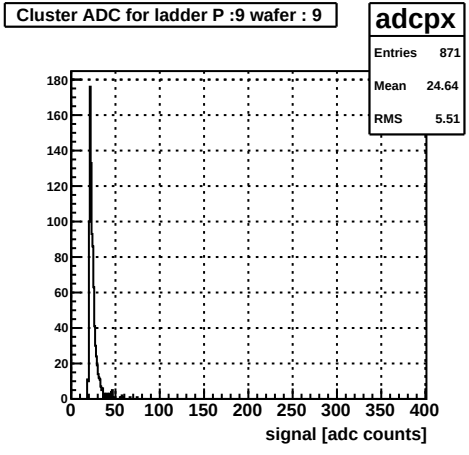

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 8661
Mean 24.39
RMS 7.017
signal [adc counts]

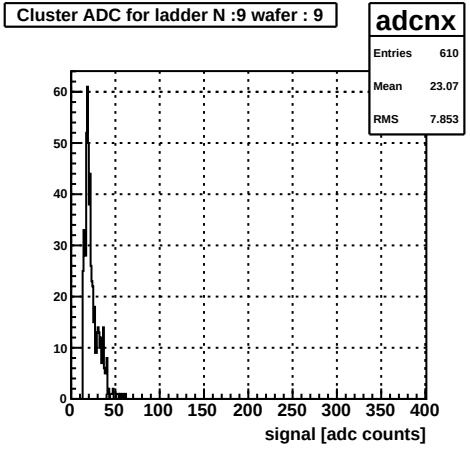

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 1175
Mean 18.38
RMS 10.55
signal [adc counts]

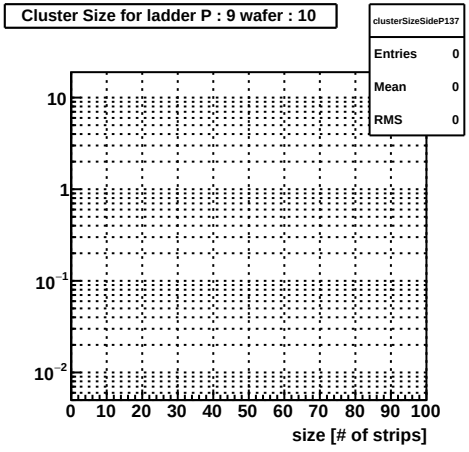

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 871
Mean 1.032
RMS 0.1828
size [# of strips]

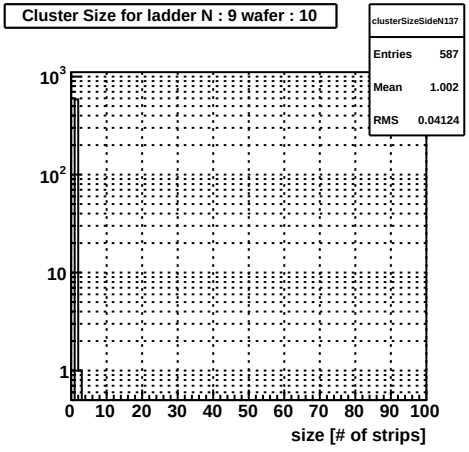

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 610
Mean 1.007
RMS 0.08071
size [# of strips]

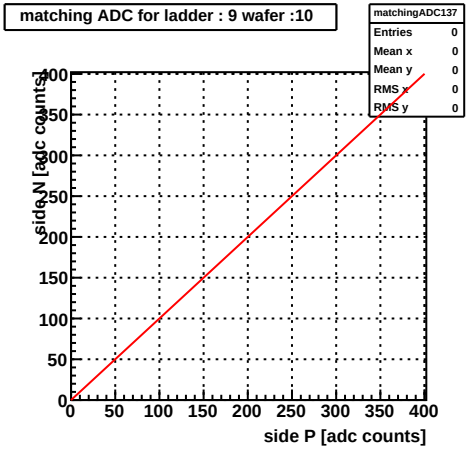

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

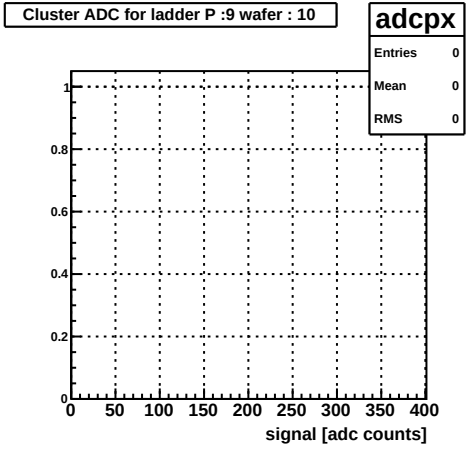

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 871
Mean 24.64
RMS 5.51
signal [adc counts]

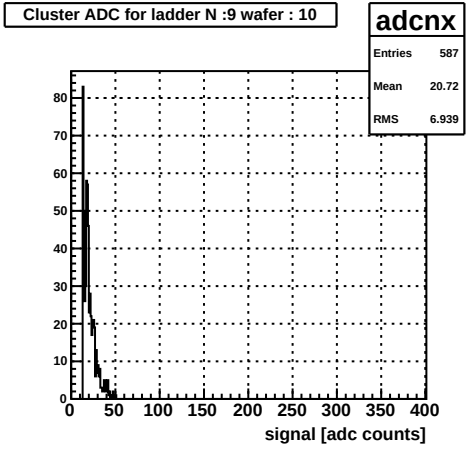

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 610
Mean 23.07
RMS 7.853
signal [adc counts]

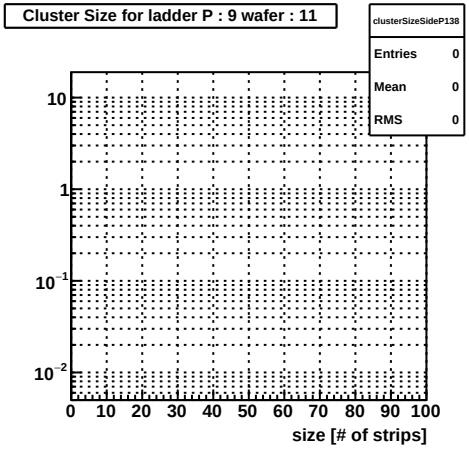

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

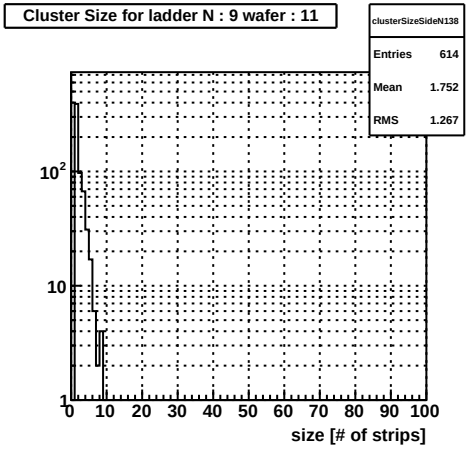

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 587
Mean 1.002
RMS 0.04124
size [# of strips]

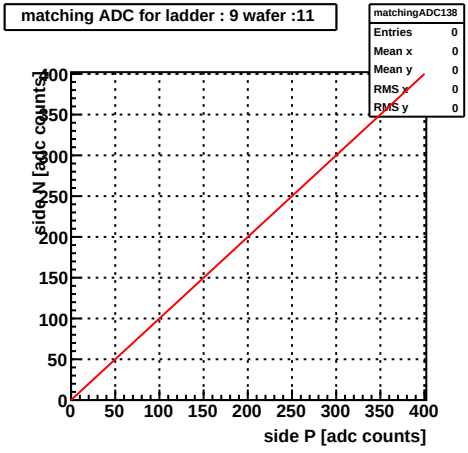

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

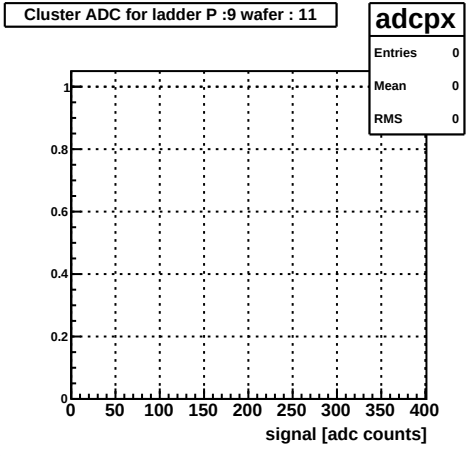

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

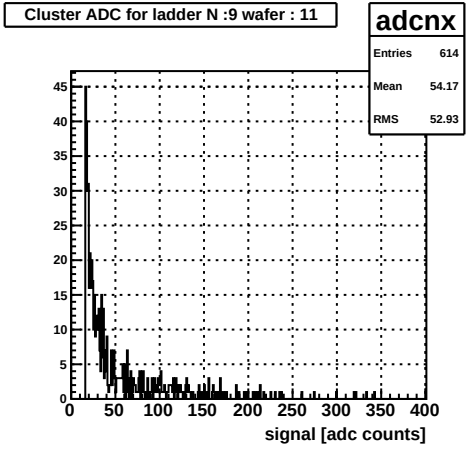

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 587
Mean 20.72
RMS 6.939
signal [adc counts]

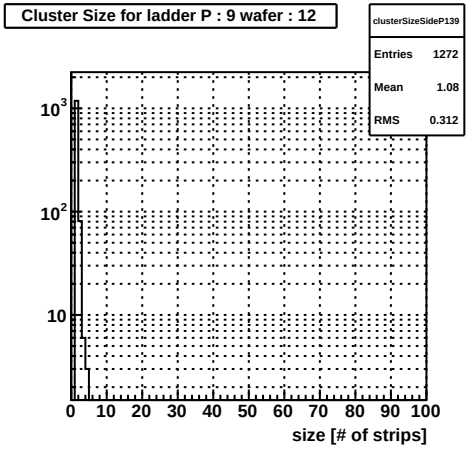

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

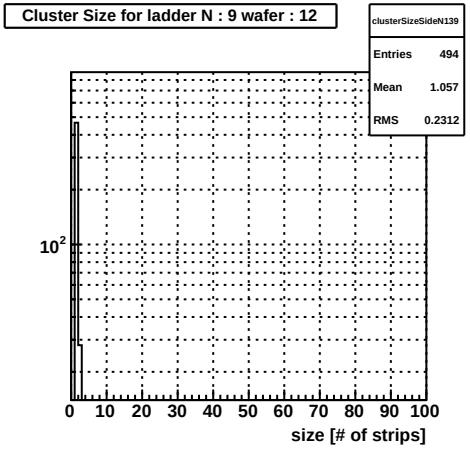

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 614
Mean 1.752
RMS 1.267
size [# of strips]

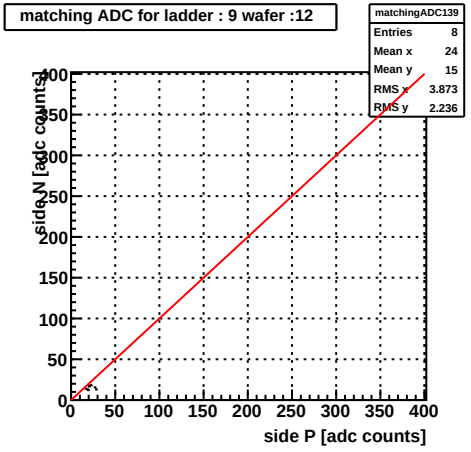

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

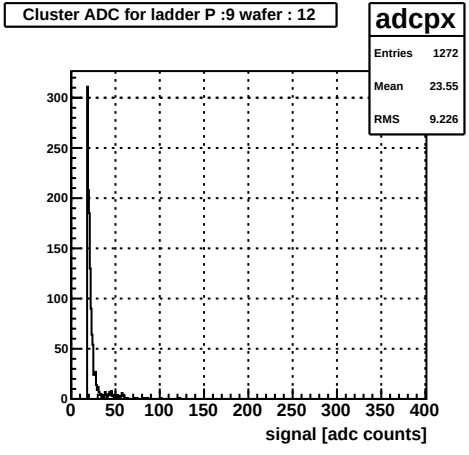

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

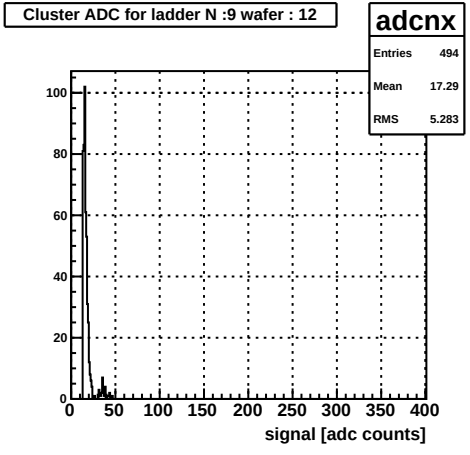

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 614
Mean 54.17
RMS 52.93
signal [adc counts]

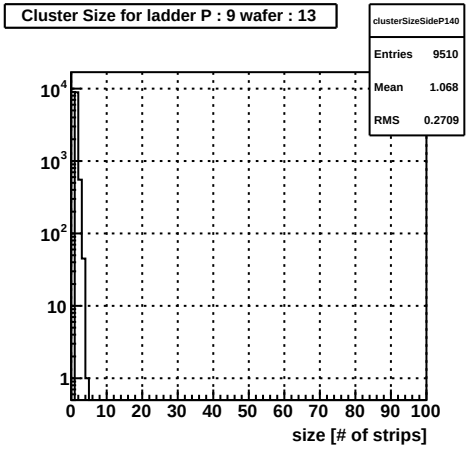

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1272
Mean 1.08
RMS 0.312
size [# of strips]

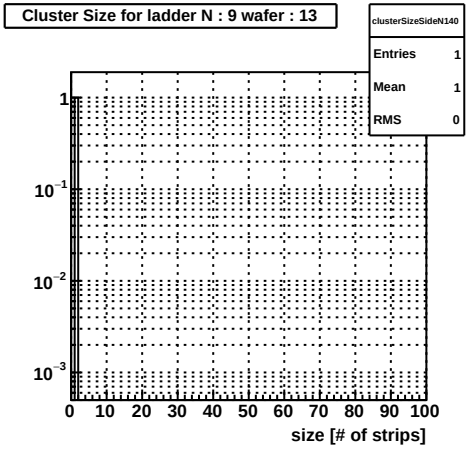

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 494
Mean 1.057
RMS 0.2312
size [# of strips]

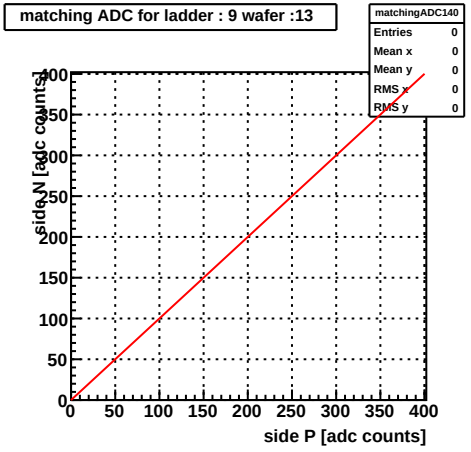

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 8
Mean x 24
Mean y 15
RMS x 3.873
RMS y 2.236
side N [adc counts]
side P [adc counts]

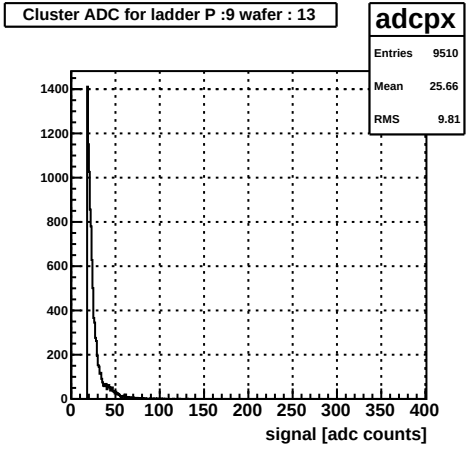

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1272
Mean 23.55
RMS 9.226
signal [adc counts]

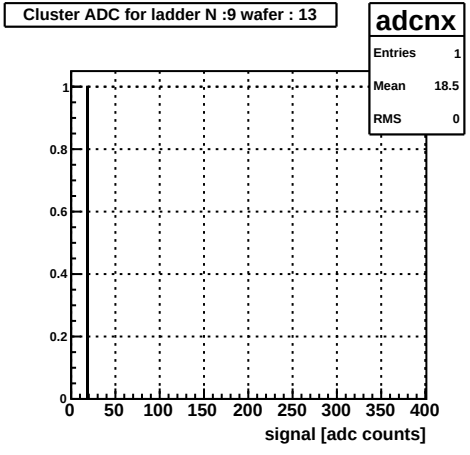

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 494
Mean 17.29
RMS 5.283
signal [adc counts]

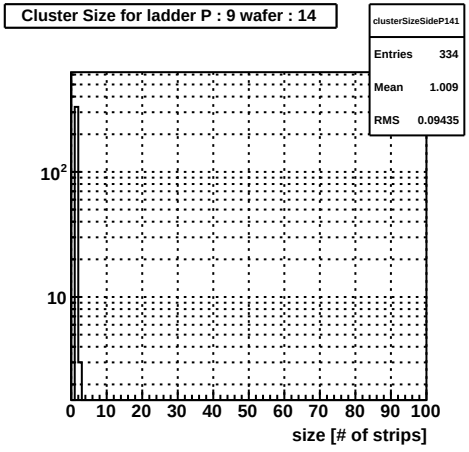

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 9510
Mean 1.068
RMS 0.2709
size [# of strips]

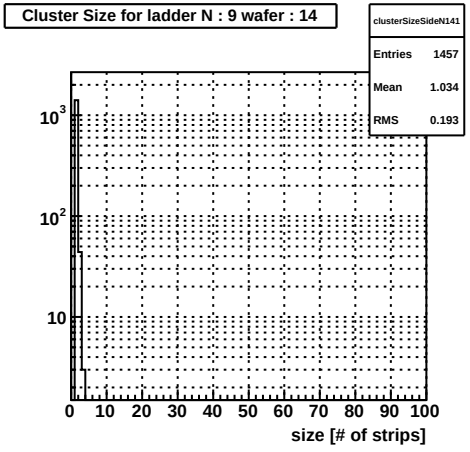

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1
Mean 1
RMS 0
size [# of strips]

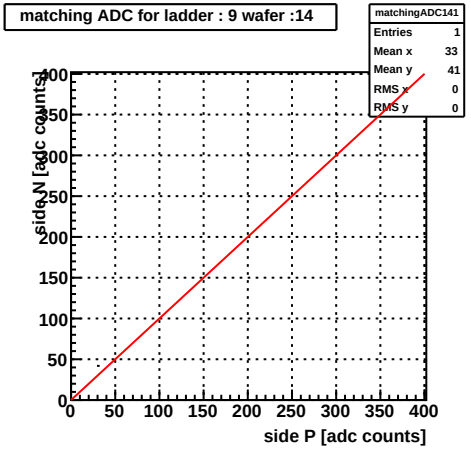

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

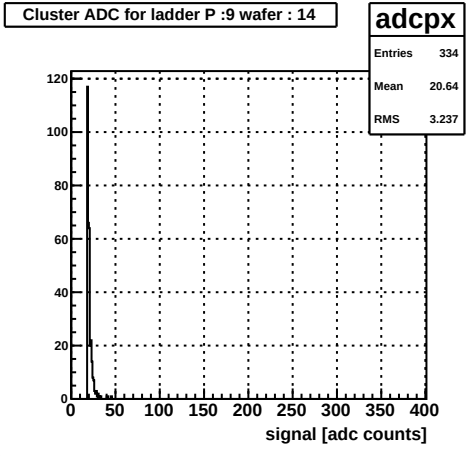

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 9510
Mean 25.66
RMS 9.81
signal [adc counts]

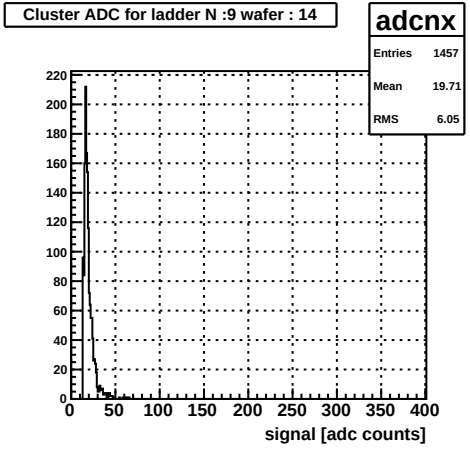

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

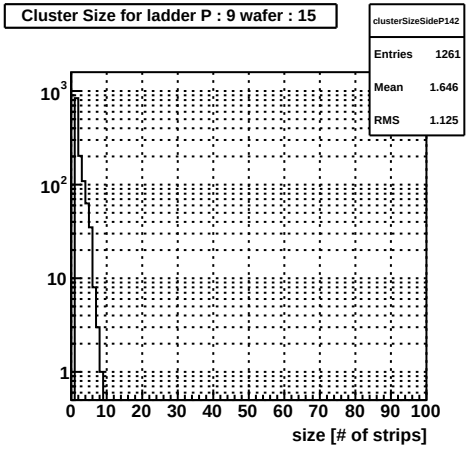

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 334
Mean 1.009
RMS 0.09435
size [# of strips]

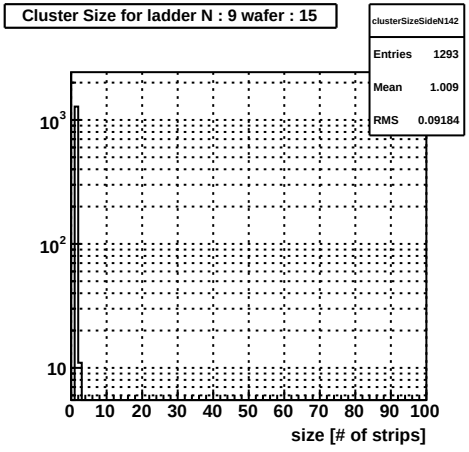

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 1457
Mean 1.034
RMS 0.193
size [# of strips]

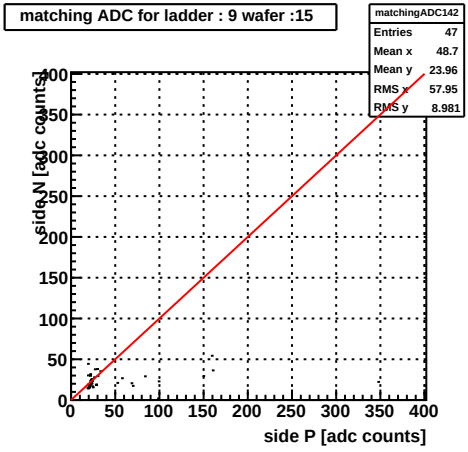

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1
Mean x 33
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

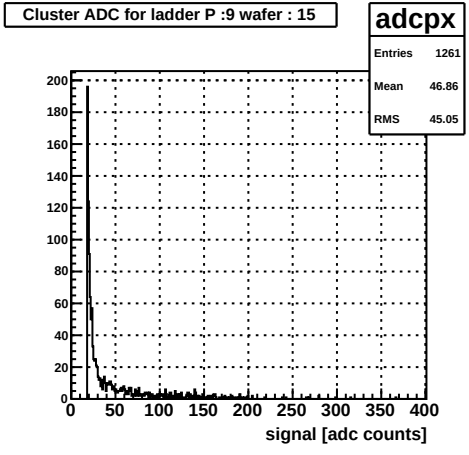

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 334
Mean 20.64
RMS 3.237
signal [adc counts]

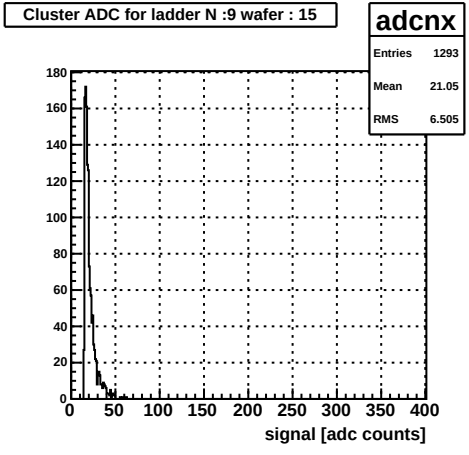

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 1457
Mean 19.71
RMS 6.05
signal [adc counts]

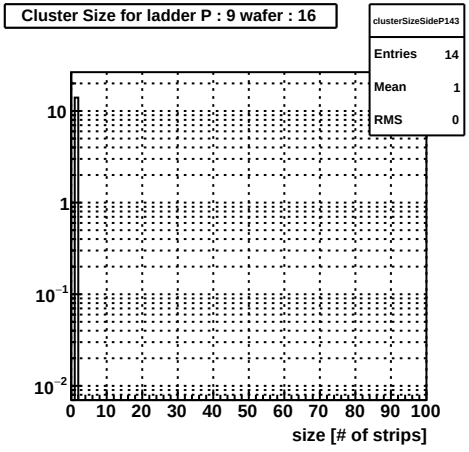

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1261
Mean 1.646
RMS 1.125
size [# of strips]

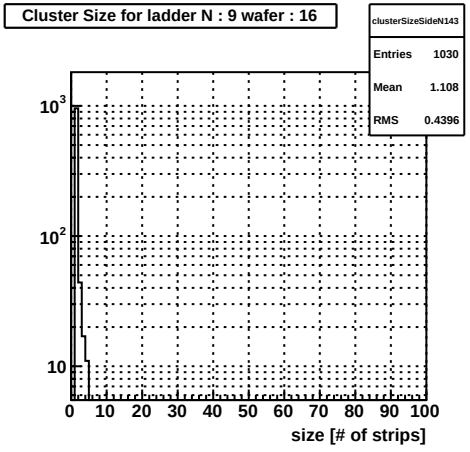

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1293
Mean 1.009
RMS 0.09184
size [# of strips]

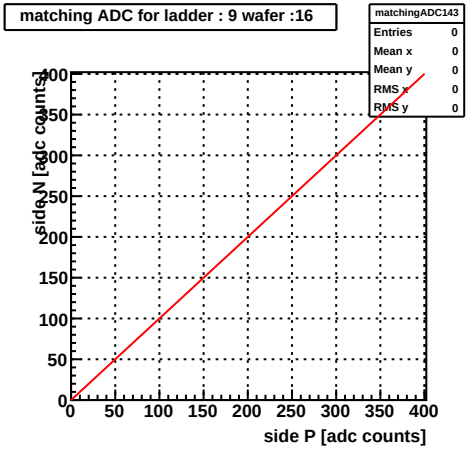

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 47
Mean x 48.7
Mean y 23.96
RMS x 57.95
RMS y 8.981
side N [adc counts]
side P [adc counts]

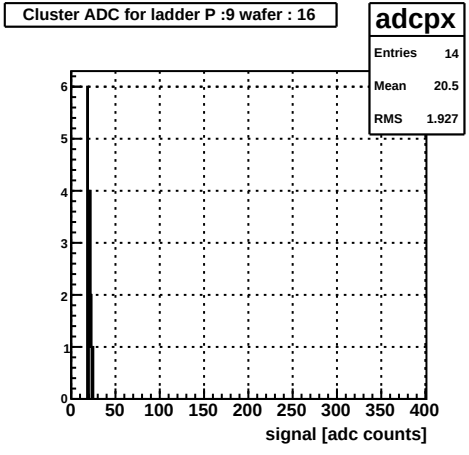

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1261
Mean 46.86
RMS 45.05
signal [adc counts]

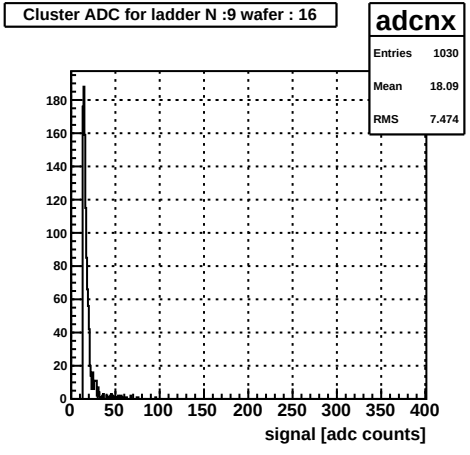

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1293
Mean 21.05
RMS 6.505
signal [adc counts]

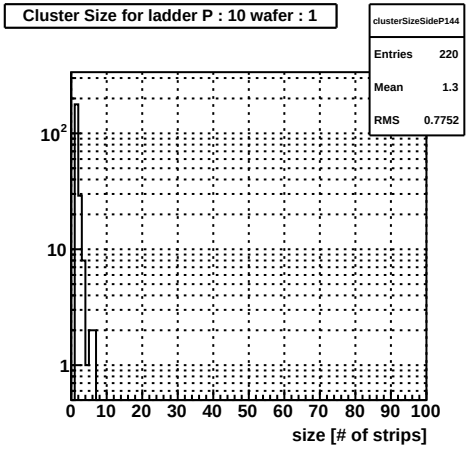

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 14
Mean 1
RMS 0
size [# of strips]

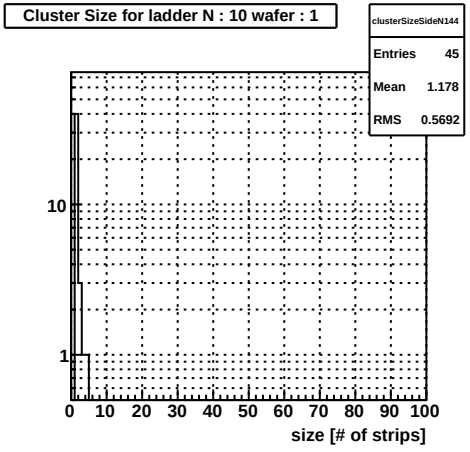

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1030
Mean 1.108
RMS 0.4396
size [# of strips]

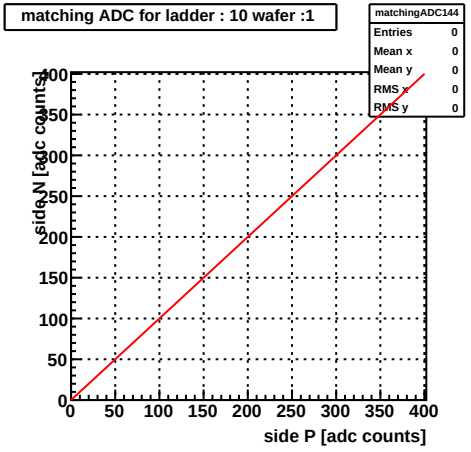

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

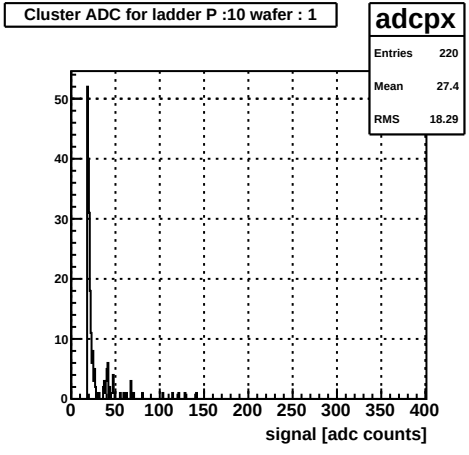

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 14
Mean 20.5
RMS 1.927
signal [adc counts]

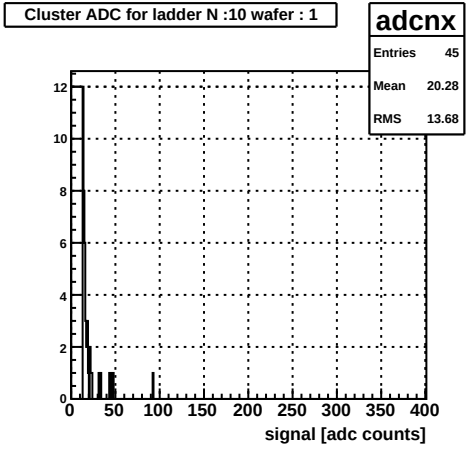

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1030
Mean 18.09
RMS 7.474
signal [adc counts]

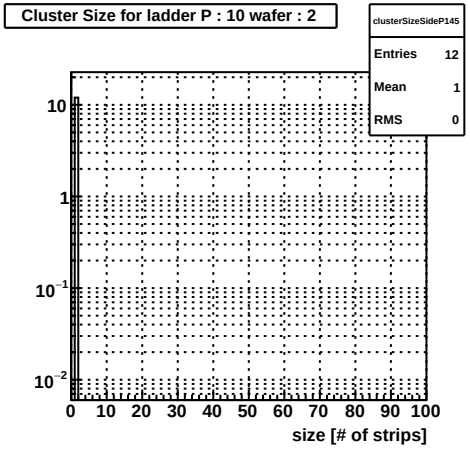

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 220
Mean 1.3
RMS 0.7752
size [# of strips]

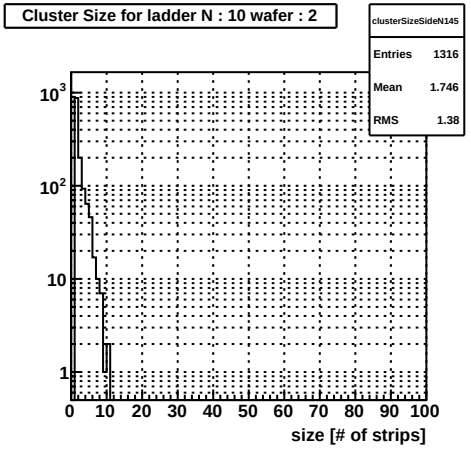

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 45
Mean 1.178
RMS 0.5692
size [# of strips]

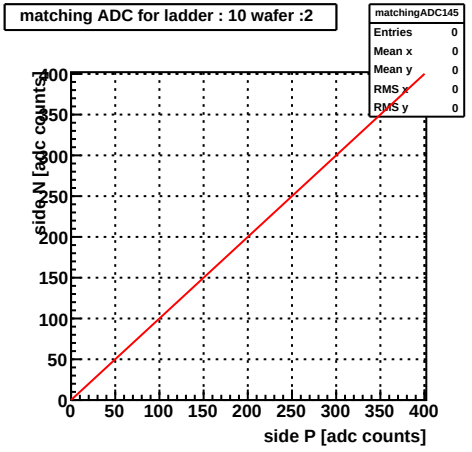

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

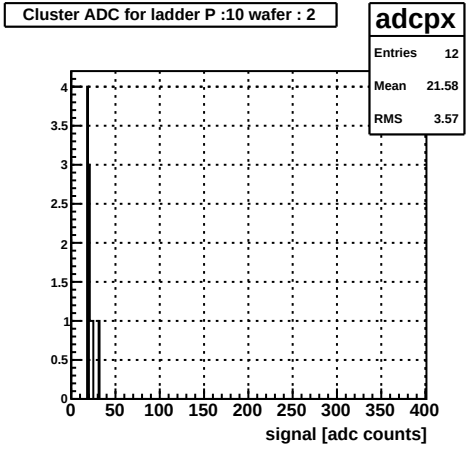

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 220
Mean 27.4
RMS 18.29
signal [adc counts]

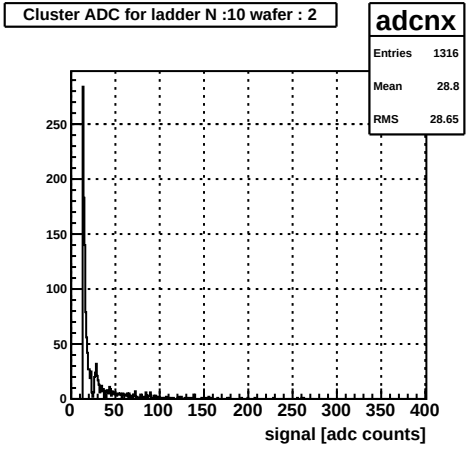

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 45
Mean 20.28
RMS 13.68
signal [adc counts]

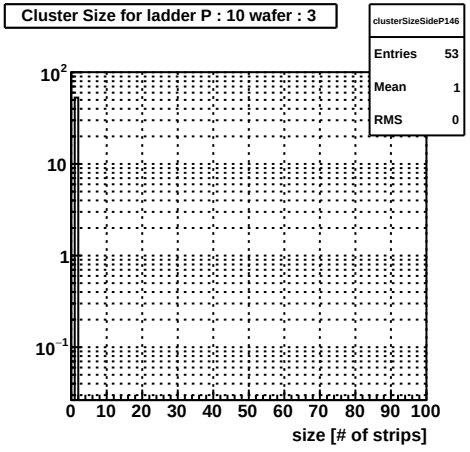

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 12
Mean 1
RMS 0
size [# of strips]

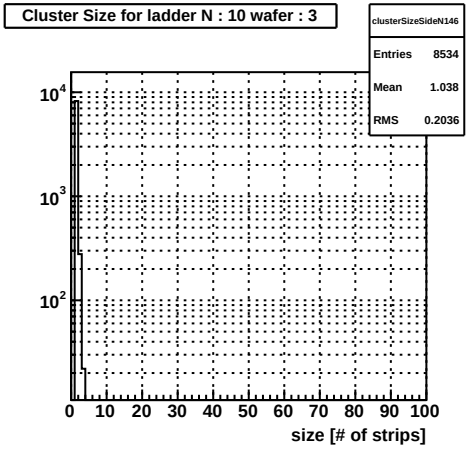

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1316
Mean 1.746
RMS 1.38
size [# of strips]

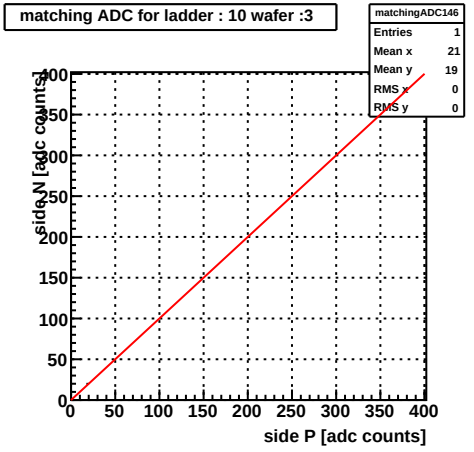

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

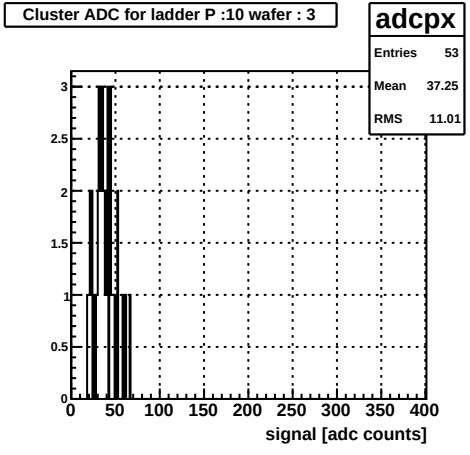

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 12
Mean 21.58
RMS 3.57
signal [adc counts]

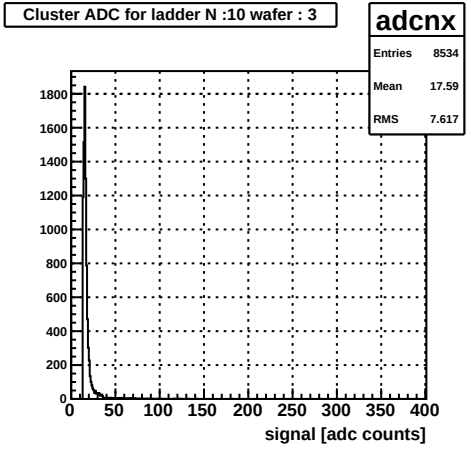

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1316
Mean 28.8
RMS 28.65
signal [adc counts]

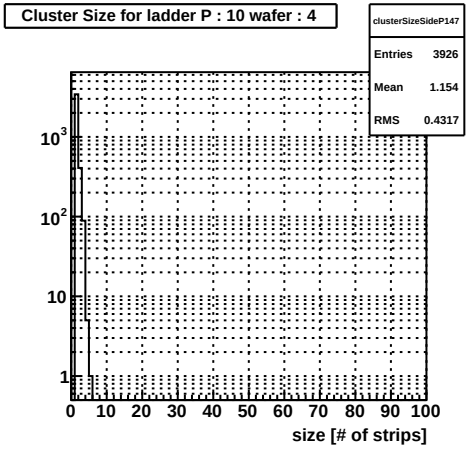

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 53
Mean 1
RMS 0
size [# of strips]

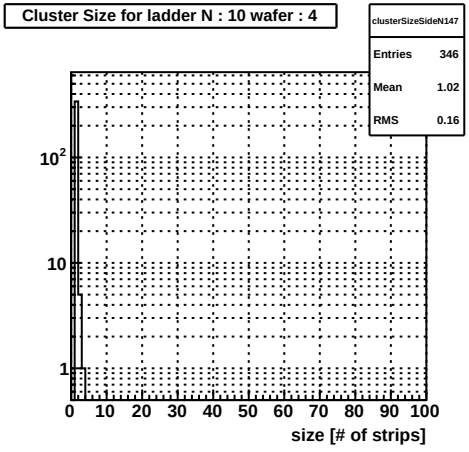

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 8534
Mean 1.038
RMS 0.2036
size [# of strips]

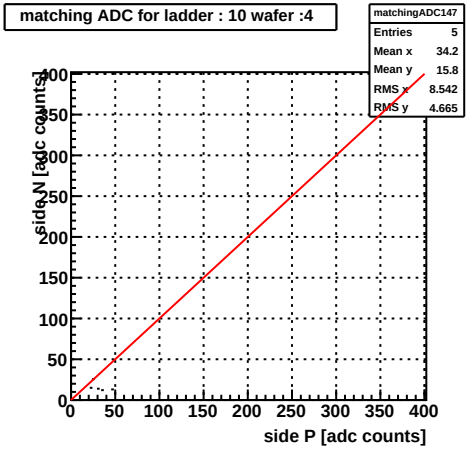

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 21
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

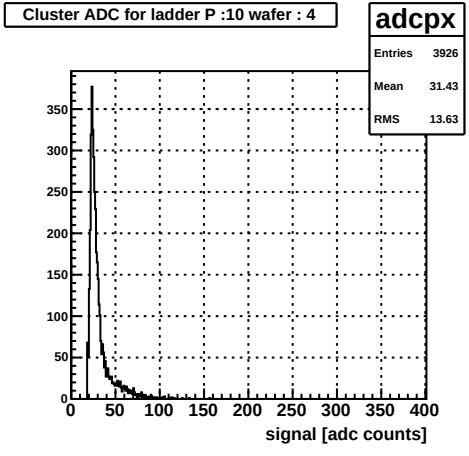

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 53
Mean 37.25
RMS 11.01
signal [adc counts]

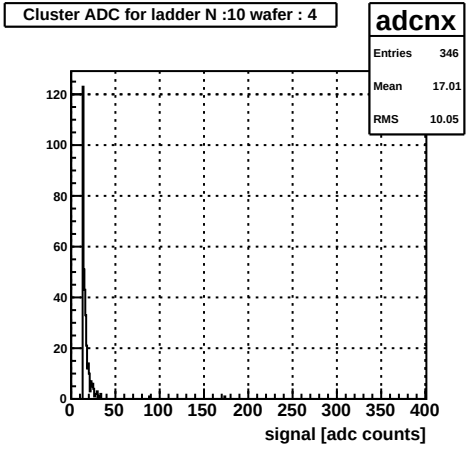

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 8534
Mean 17.59
RMS 7.617
signal [adc counts]

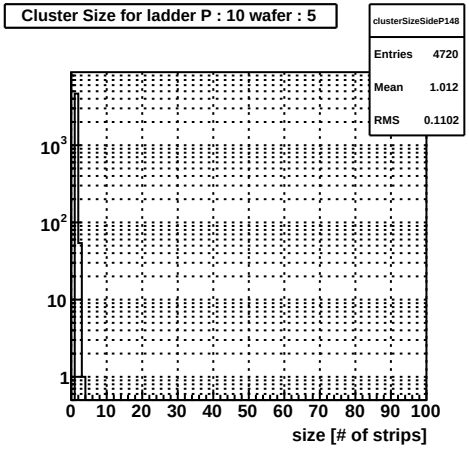

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3926
Mean 1.154
RMS 0.4317
size [# of strips]

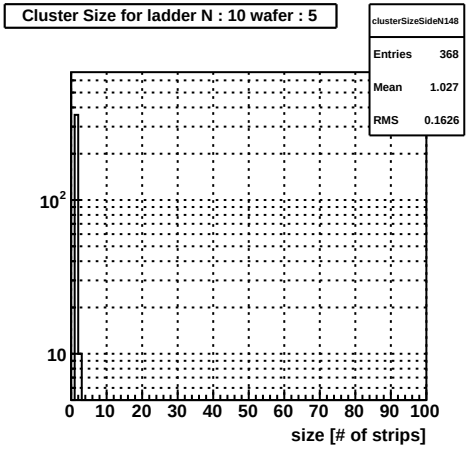

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 346
Mean 1.02
RMS 0.16
size [# of strips]

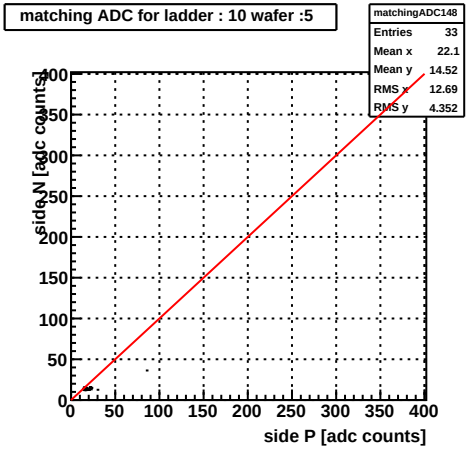

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 5
Mean x 34.2
Mean y 15.8
RMS x 8.542
RMS y 4.665
side N [adc counts]
side P [adc counts]

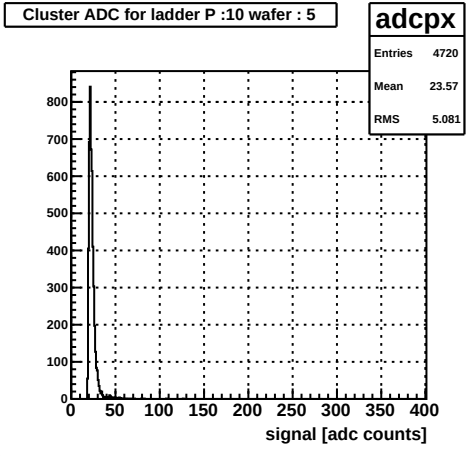

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3926
Mean 31.43
RMS 13.63
signal [adc counts]

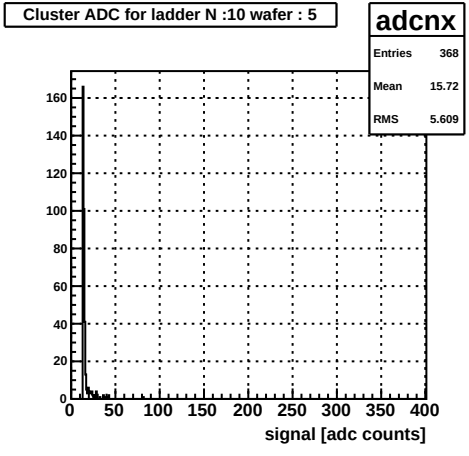

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 346
Mean 17.01
RMS 10.05
signal [adc counts]

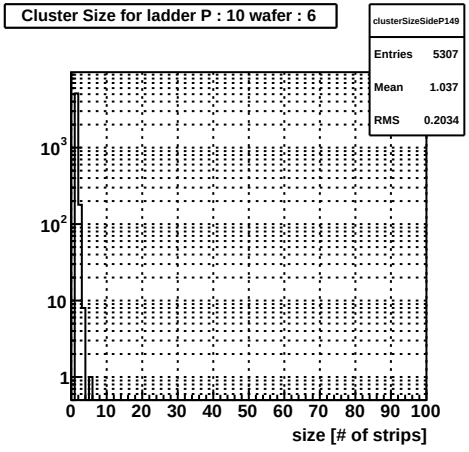

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 4720
Mean 1.012
RMS 0.1102
size [# of strips]

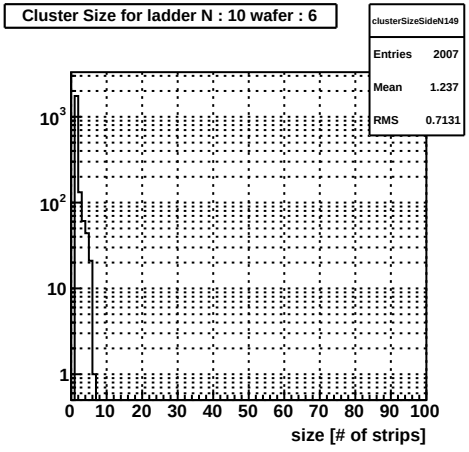

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 368
Mean 1.027
RMS 0.1626
size [# of strips]

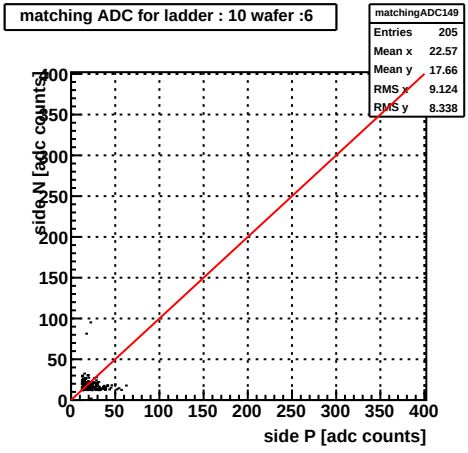

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 33
Mean x 22.1
Mean y 14.52
RMS x 12.69
RMS y 4.352
side N [adc counts]
side P [adc counts]

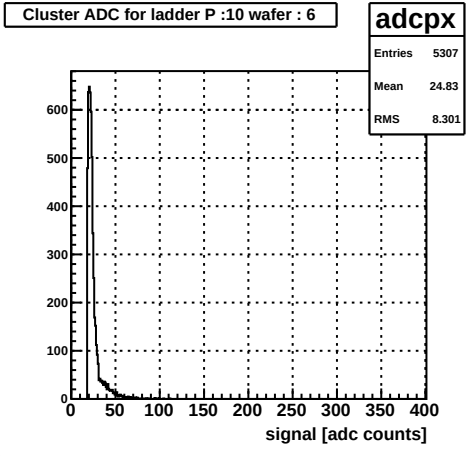

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 4720
Mean 23.57
RMS 5.081
signal [adc counts]

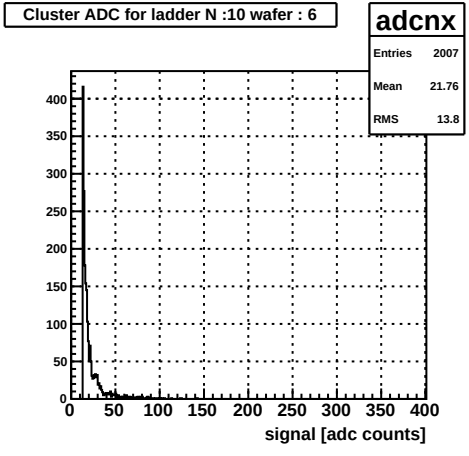

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 368
Mean 15.72
RMS 5.609
signal [adc counts]

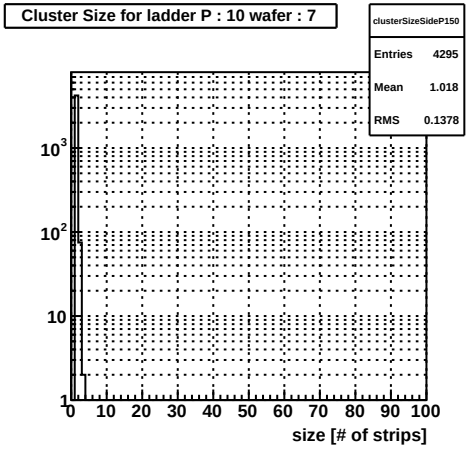

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 5307
Mean 1.037
RMS 0.2034
size [# of strips]

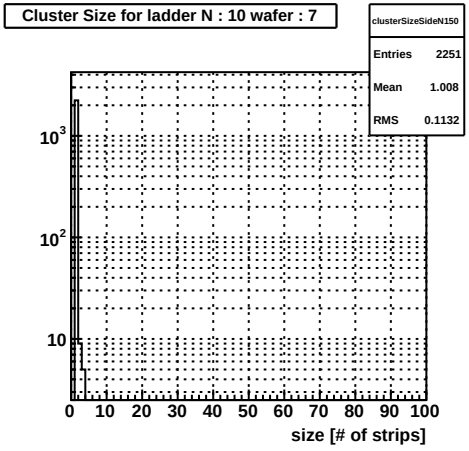

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2007
Mean 1.237
RMS 0.7131
size [# of strips]

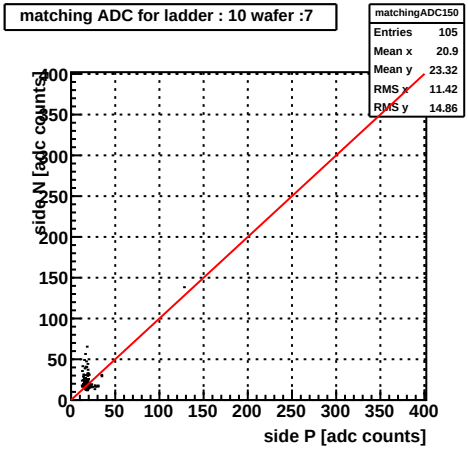

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 205
Mean x 22.57
Mean y 17.66
RMS x 9.124
RMS y 8.338
side N [adc counts]
side P [adc counts]

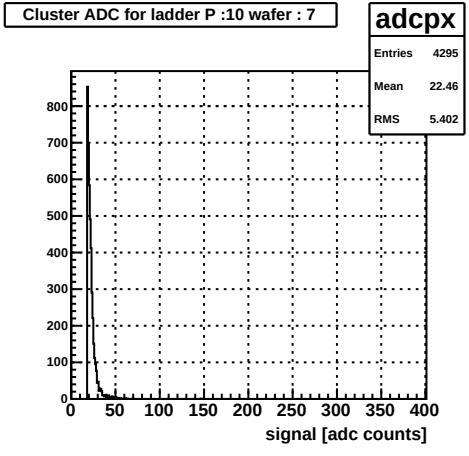

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 5307
Mean 24.83
RMS 8.301
signal [adc counts]

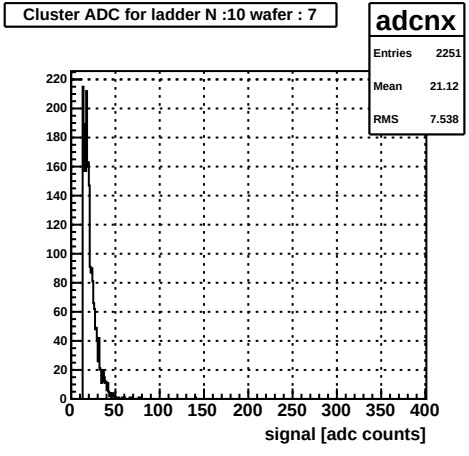

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2007
Mean 21.76
RMS 13.8
signal [adc counts]

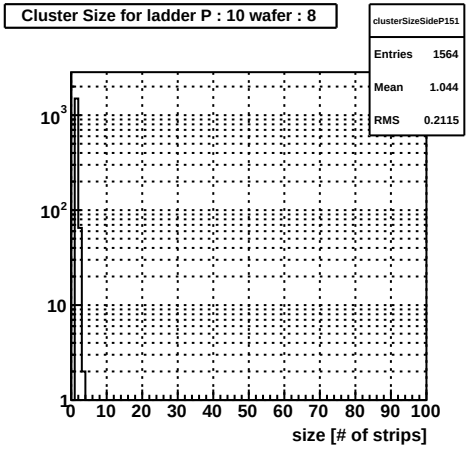

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 4295
Mean 1.018
RMS 0.1378
size [# of strips]

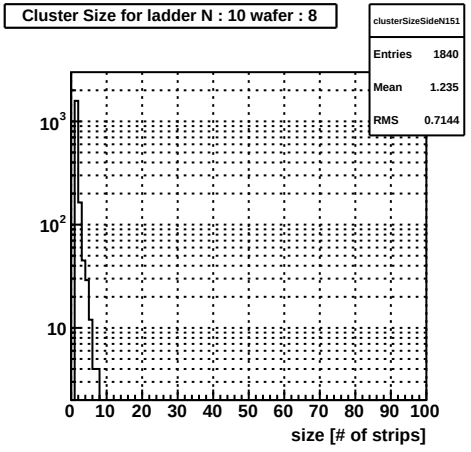

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2251
Mean 1.008
RMS 0.1132
size [# of strips]

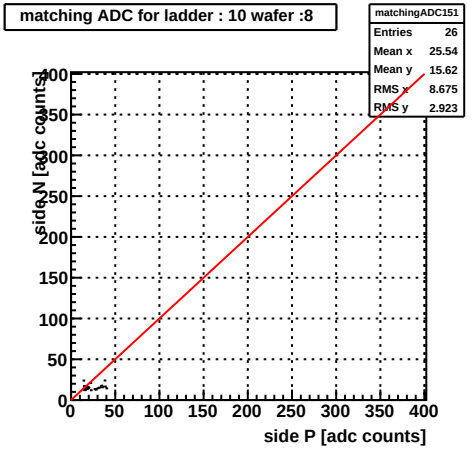

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 105
Mean x 20.9
Mean y 23.32
RMS x 11.42
RMS y 14.86
side N [adc counts]
side P [adc counts]

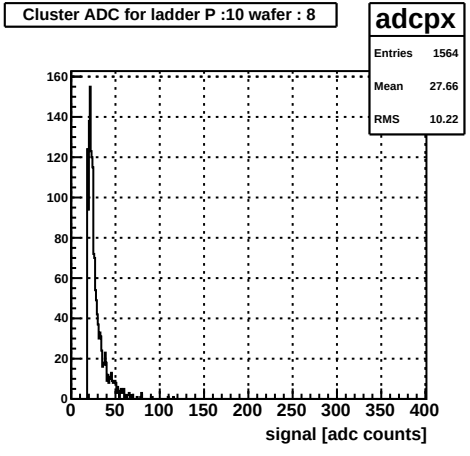

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 4295
Mean 22.46
RMS 5.402
signal [adc counts]

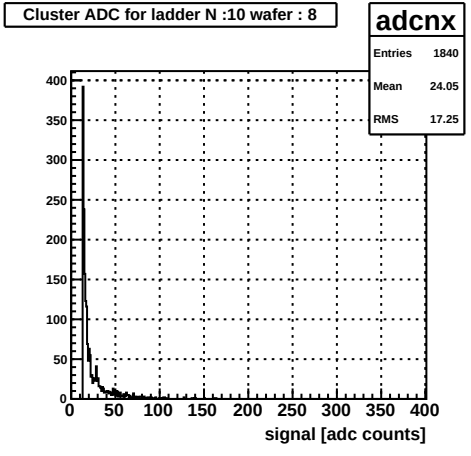

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2251
Mean 21.12
RMS 7.538
signal [adc counts]

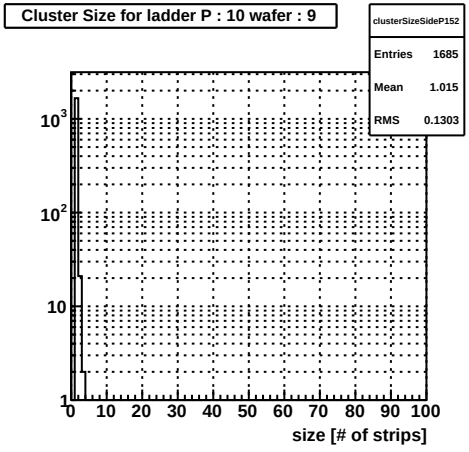

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1564
Mean 1.044
RMS 0.2115
size [# of strips]

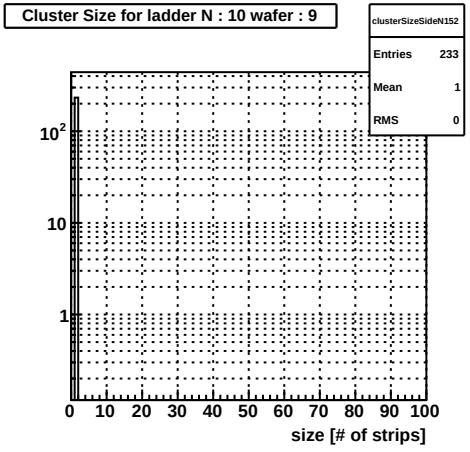

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1840
Mean 1.235
RMS 0.7144
size [# of strips]

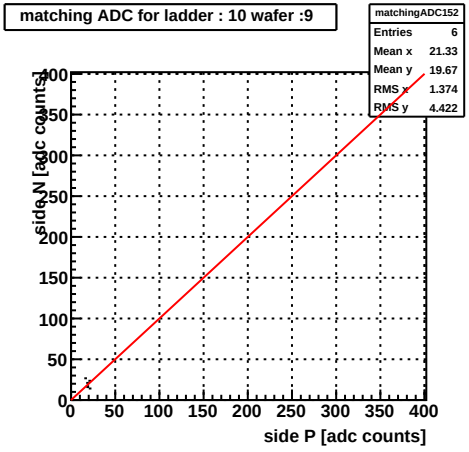

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 26
Mean x 25.54
Mean y 15.62
RMS x 8.675
RMS y 2.923
side N [adc counts]
side P [adc counts]

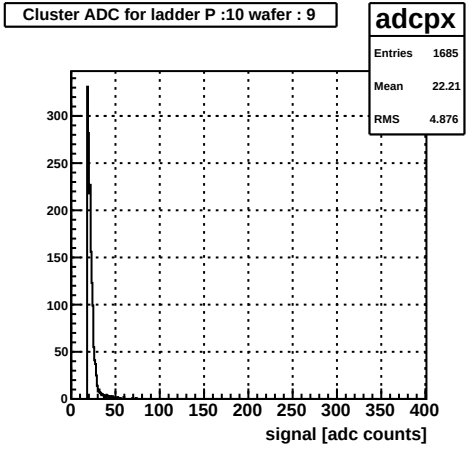

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1564
Mean 27.66
RMS 10.22
signal [adc counts]

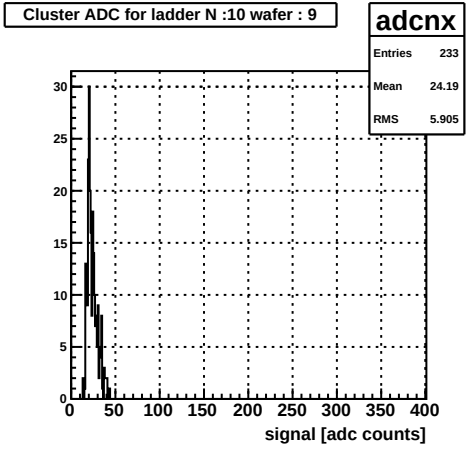

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1840
Mean 24.05
RMS 17.25
signal [adc counts]

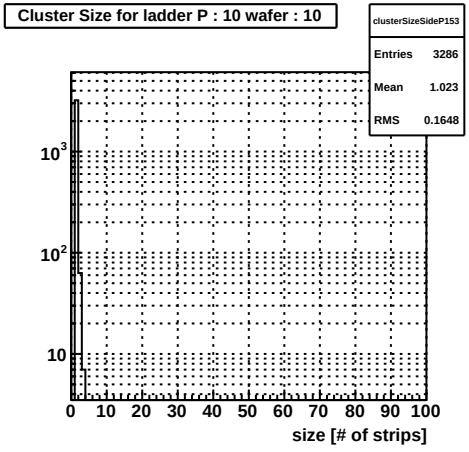

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1685
Mean 1.015
RMS 0.1303
size [# of strips]

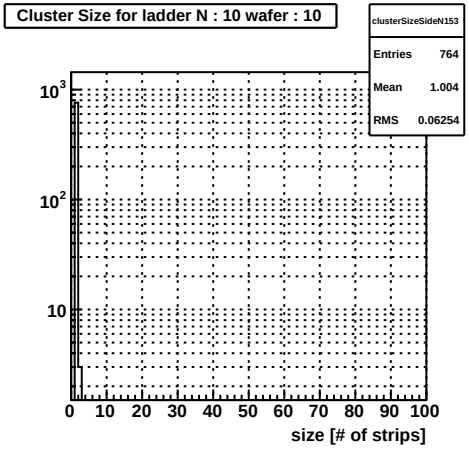

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 233
Mean 1
RMS 0
size [# of strips]

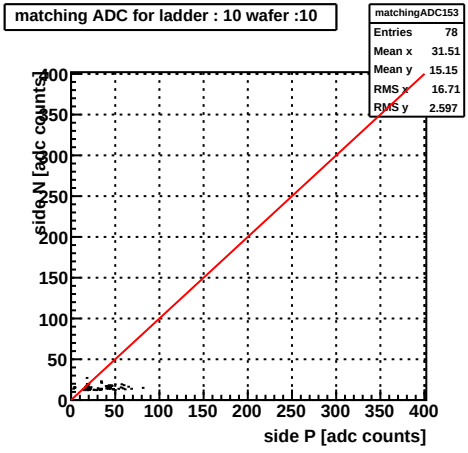

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 6
Mean x 21.33
Mean y 19.67
RMS x 1.374
RMS y 4.422
side N [adc counts]
side P [adc counts]

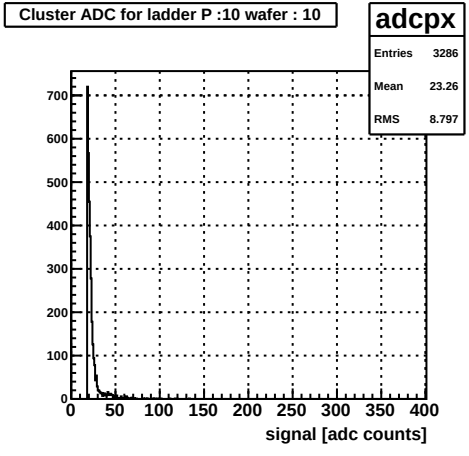

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1685
Mean 22.21
RMS 4.876
signal [adc counts]

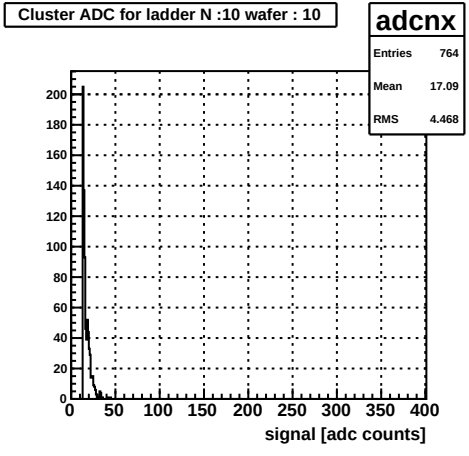

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 233
Mean 24.19
RMS 5.905
signal [adc counts]

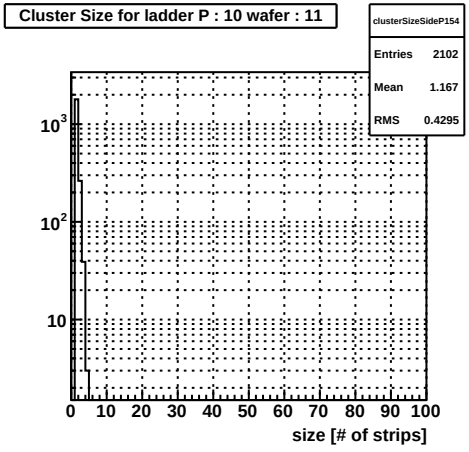

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3286
Mean 1.023
RMS 0.1648
size [# of strips]

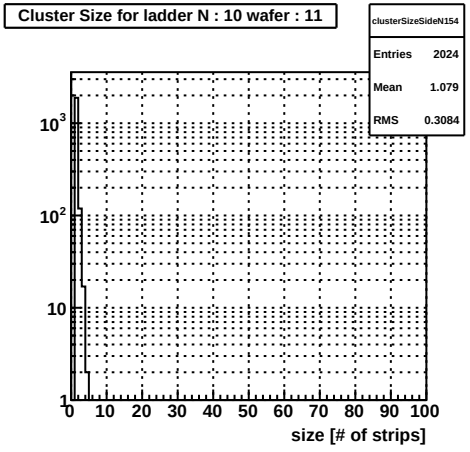

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 764
Mean 1.004
RMS 0.06254
size [# of strips]

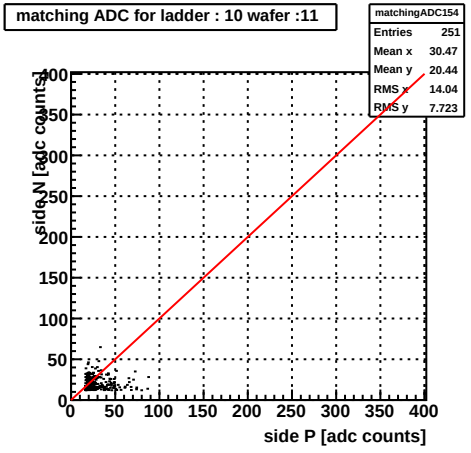

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 78
Mean x 31.51
Mean y 15.15
RMS x 16.71
RMS y 2.597
side N [adc counts]
side P [adc counts]

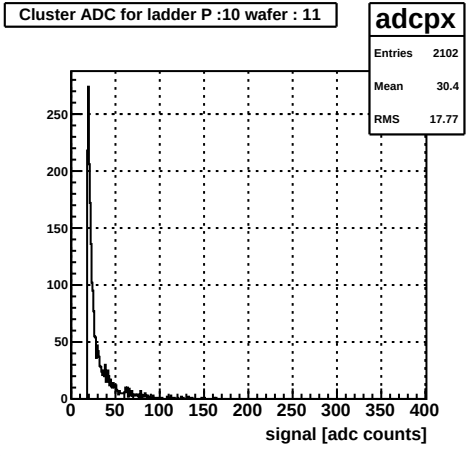

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3286
Mean 23.26
RMS 8.797
signal [adc counts]

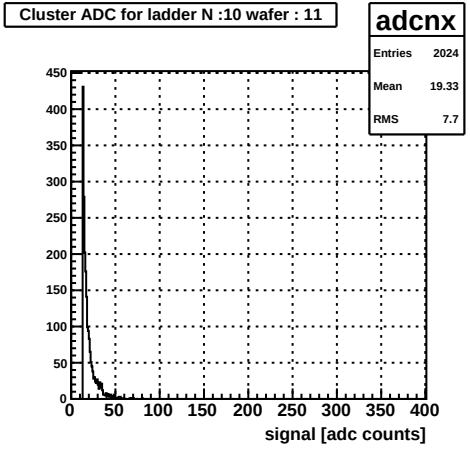

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 764
Mean 17.09
RMS 4.468
signal [adc counts]

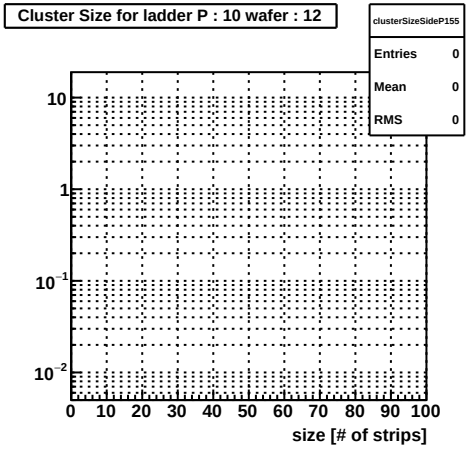

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2102
Mean 1.167
RMS 0.4295
size [# of strips]

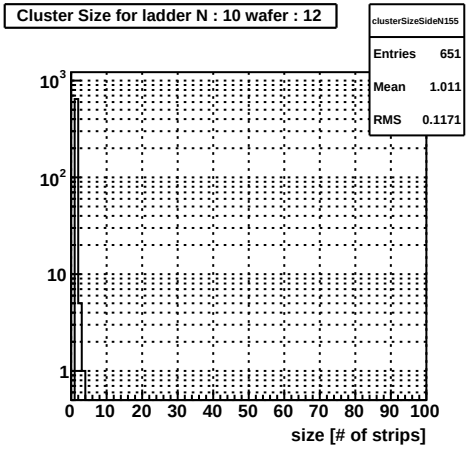

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2024
Mean 1.079
RMS 0.3084
size [# of strips]

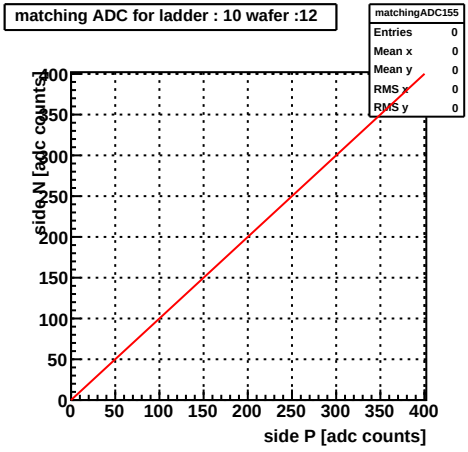

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 251
Mean x 30.47
Mean y 20.44
RMS x 14.04
RMS y 7.723
side N [adc counts]
side P [adc counts]

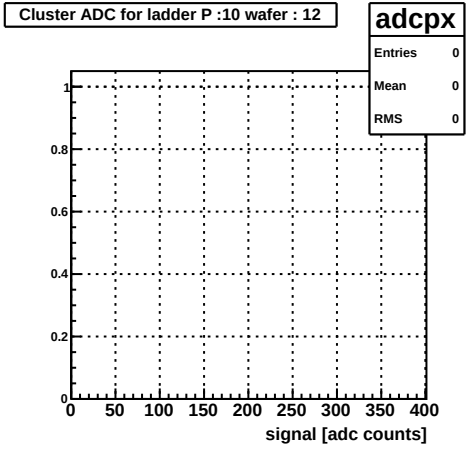

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2102
Mean 30.4
RMS 17.77
signal [adc counts]

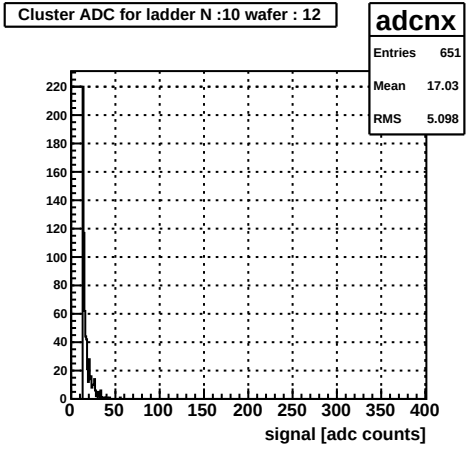

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2024
Mean 19.33
RMS 7.7
signal [adc counts]

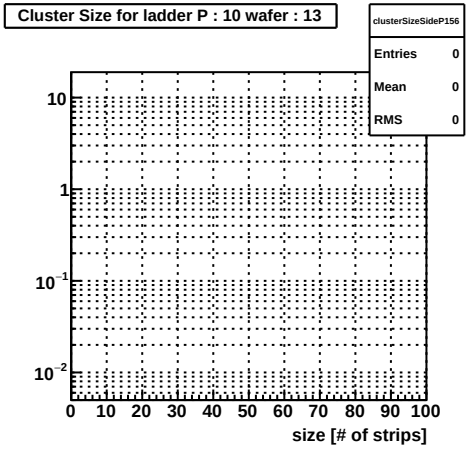

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

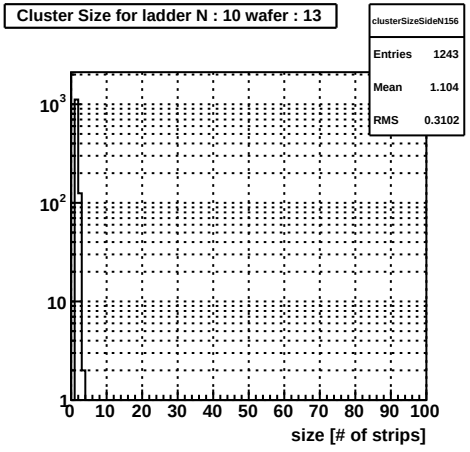

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 651
Mean 1.011
RMS 0.1171
size [# of strips]

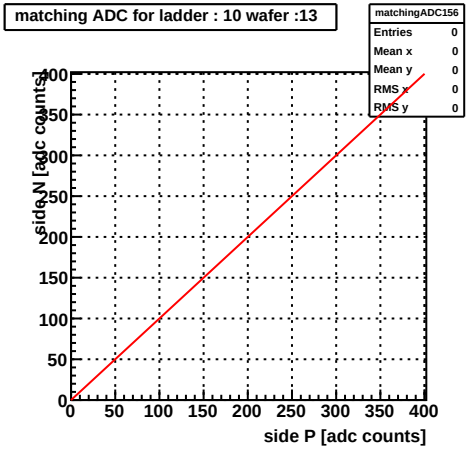

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

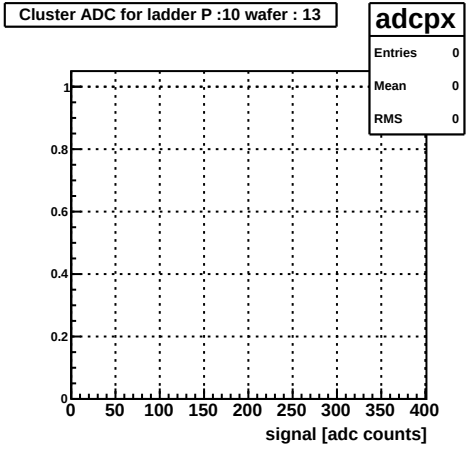

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

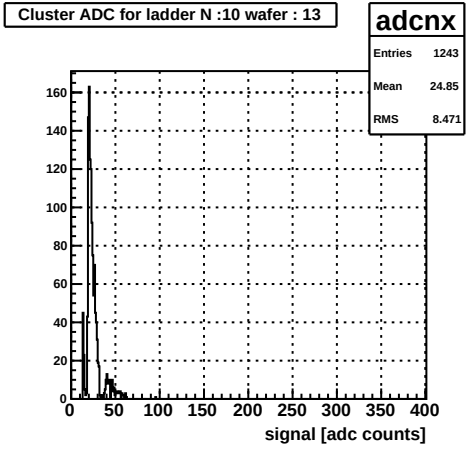

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 651
Mean 17.03
RMS 5.098
signal [adc counts]

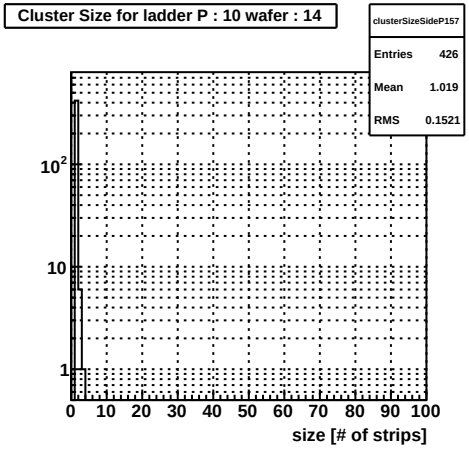

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

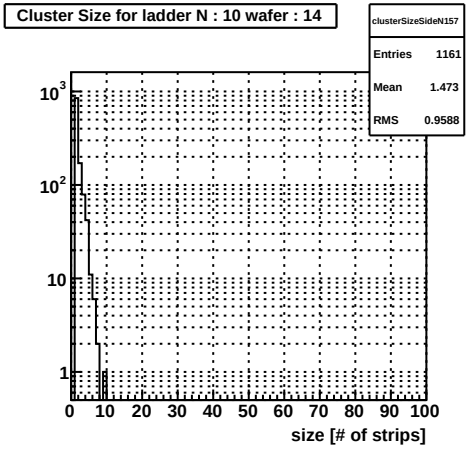

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1243
Mean 1.104
RMS 0.3102
size [# of strips]

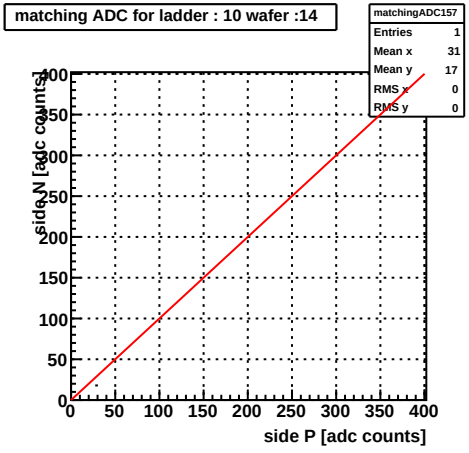

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

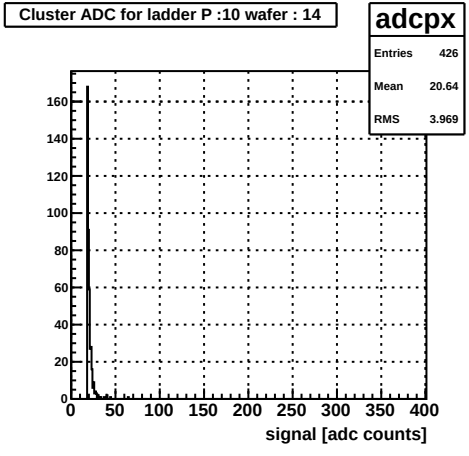

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

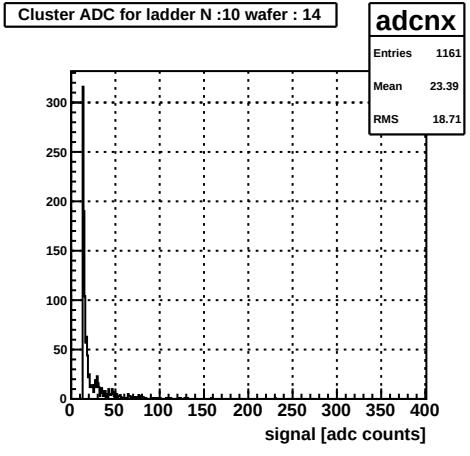

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1243
Mean 24.85
RMS 8.471
signal [adc counts]

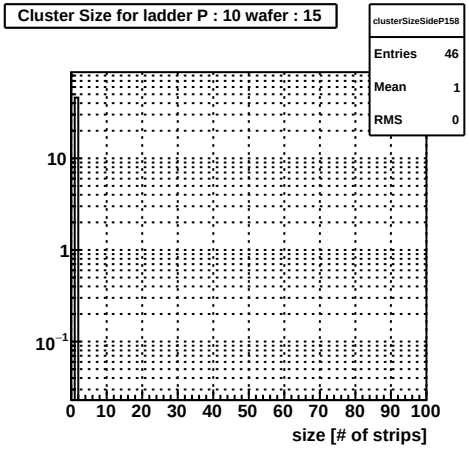

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 426
Mean 1.019
RMS 0.1521
size [# of strips]

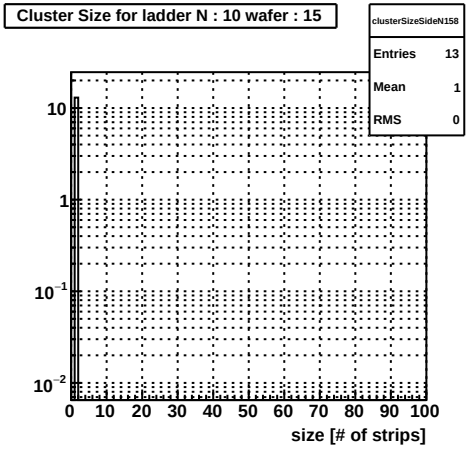

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1161
Mean 1.473
RMS 0.9588
size [# of strips]

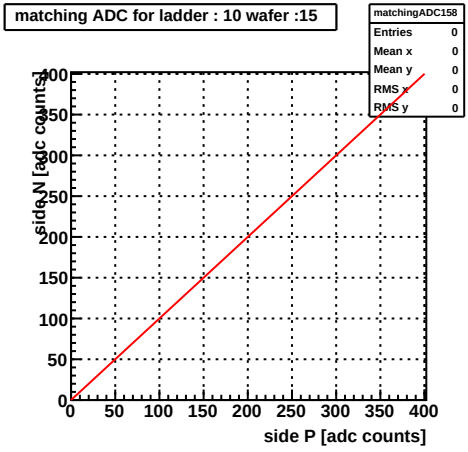

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 1
Mean x 31
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

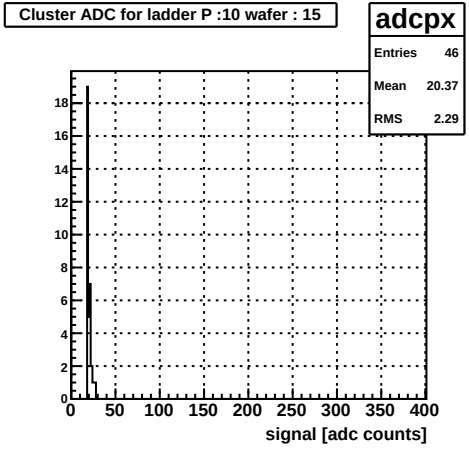

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 426
Mean 20.64
RMS 3.969
signal [adc counts]

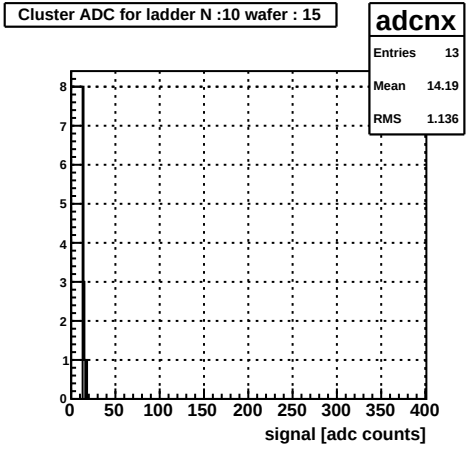

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1161
Mean 23.39
RMS 18.71
signal [adc counts]

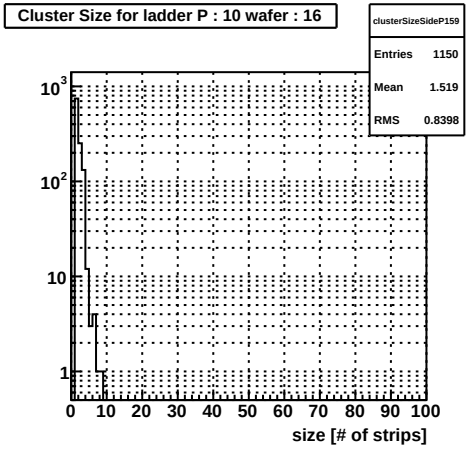

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 46
Mean 1
RMS 0
size [# of strips]

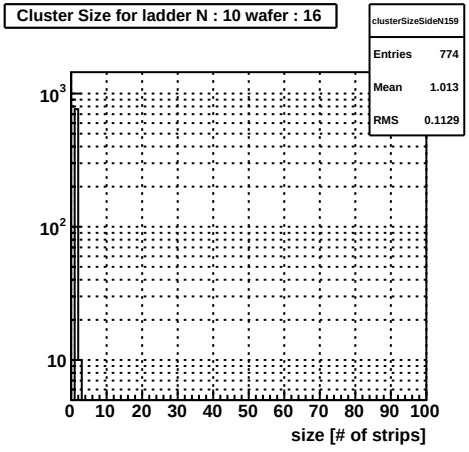

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 13
Mean 1
RMS 0
size [# of strips]

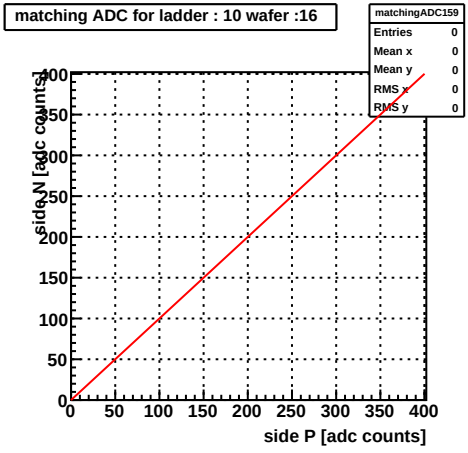

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

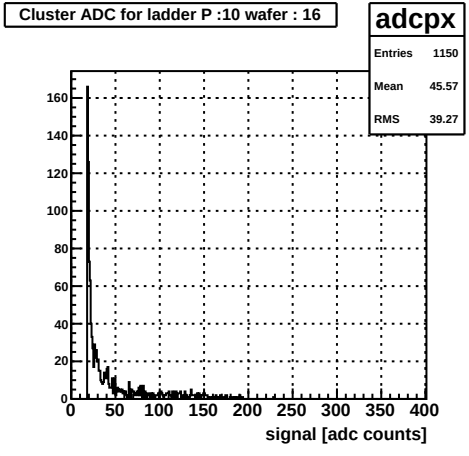

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 46
Mean 20.37
RMS 2.29
signal [adc counts]

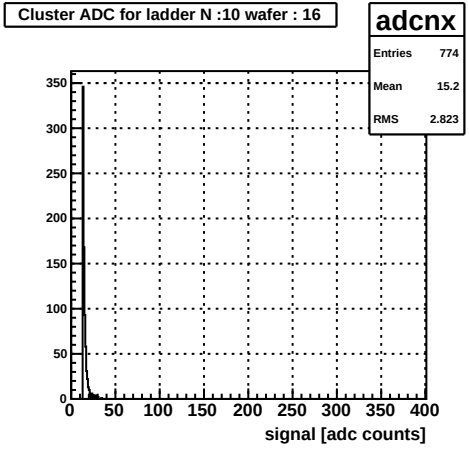

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 13
Mean 14.19
RMS 1.136
signal [adc counts]

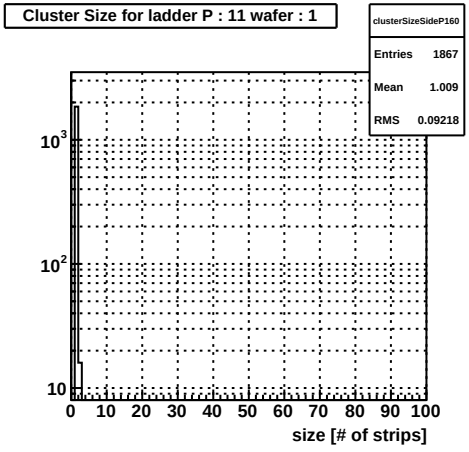

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1150
Mean 1.519
RMS 0.8398
size [# of strips]

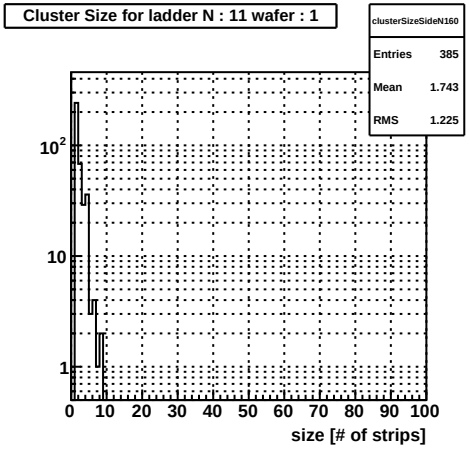

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 774
Mean 1.013
RMS 0.1129
size [# of strips]

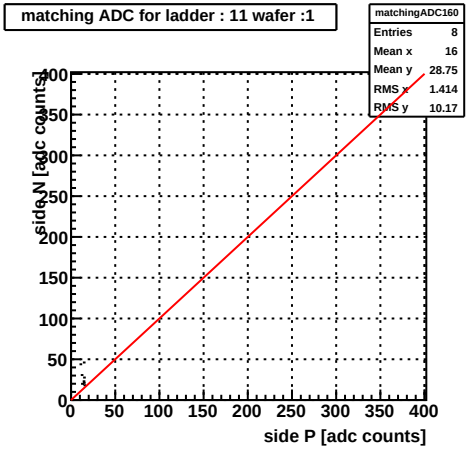

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

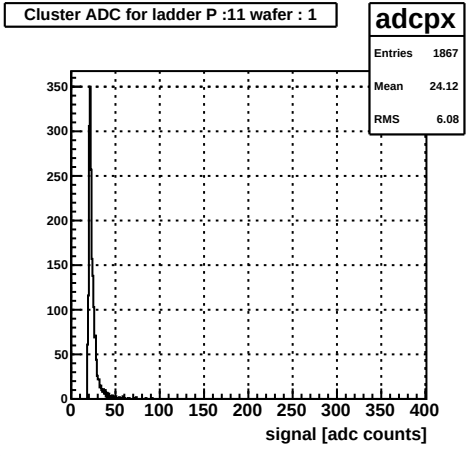

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1150
Mean 45.57
RMS 39.27
signal [adc counts]

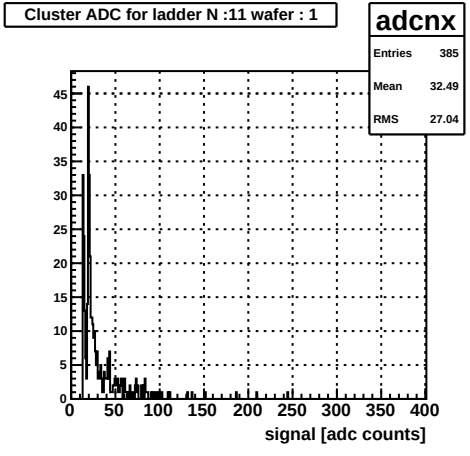

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 774
Mean 15.2
RMS 2.823
signal [adc counts]

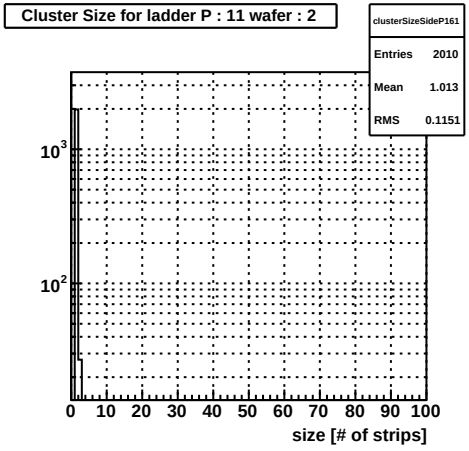

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1867
Mean 1.009
RMS 0.09218
size [# of strips]

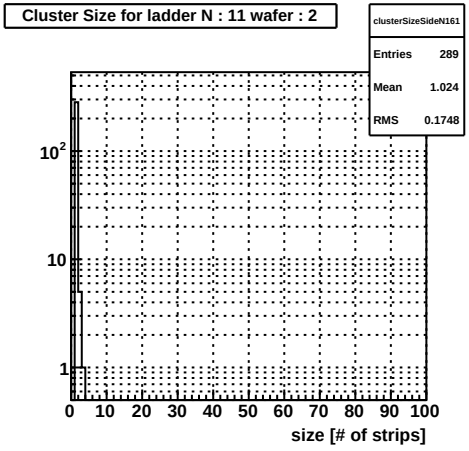

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 385
Mean 1.743
RMS 1.225
size [# of strips]

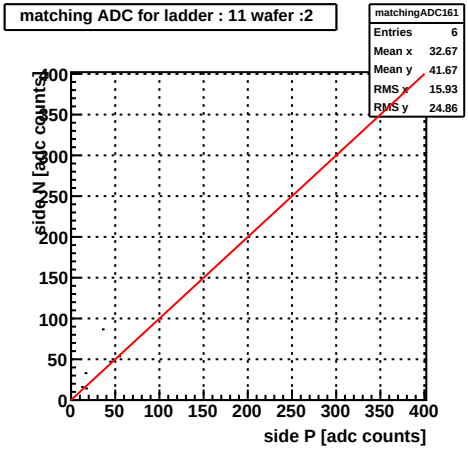

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8
Mean x 16
Mean y 28.75
RMS x 1.414
RMS y 10.17
side N [adc counts]
side P [adc counts]

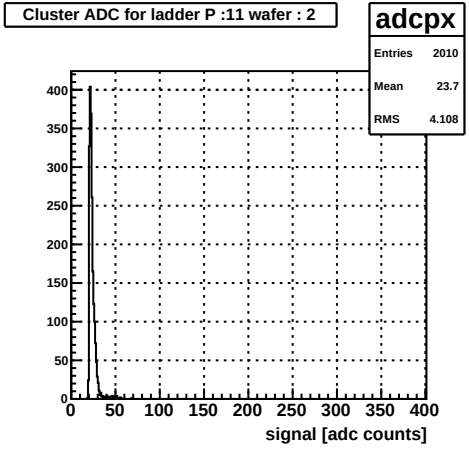

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1867
Mean 24.12
RMS 6.08
signal [adc counts]

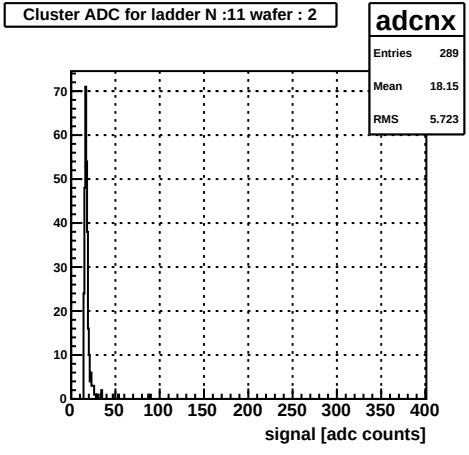

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 385
Mean 32.49
RMS 27.04
signal [adc counts]

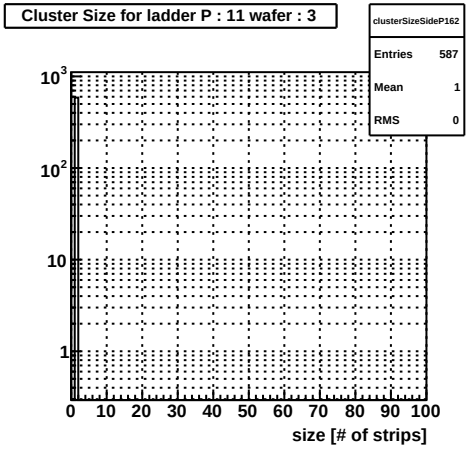

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2010
Mean 1.013
RMS 0.1151
size [# of strips]

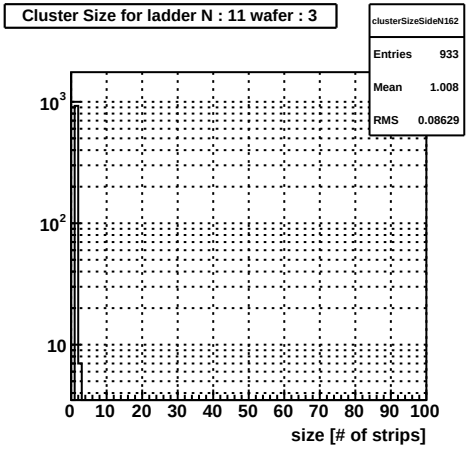

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 289
Mean 1.024
RMS 0.1748
size [# of strips]

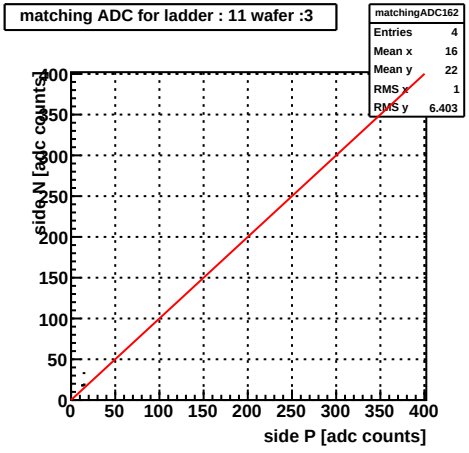

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 6
Mean x 32.67
Mean y 41.67
RMS x 15.93
RMS y 24.86
side N [adc counts]
side P [adc counts]

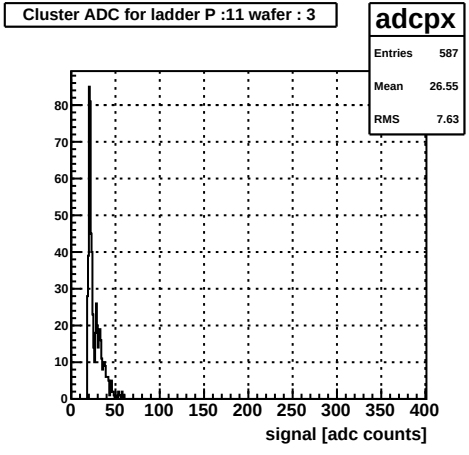

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2010
Mean 23.7
RMS 4.108
signal [adc counts]

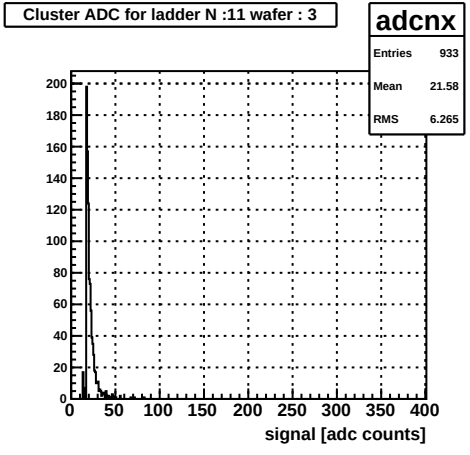

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 289
Mean 18.15
RMS 5.723
signal [adc counts]

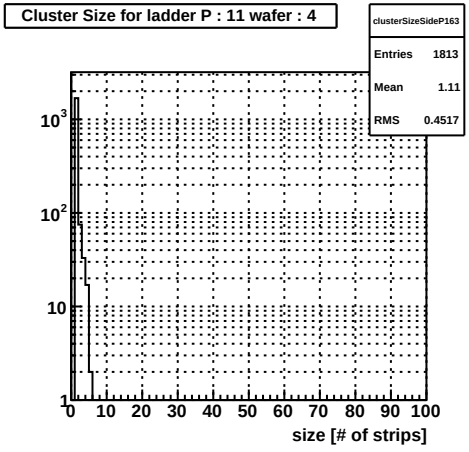

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 587
Mean 1
RMS 0
size [# of strips]

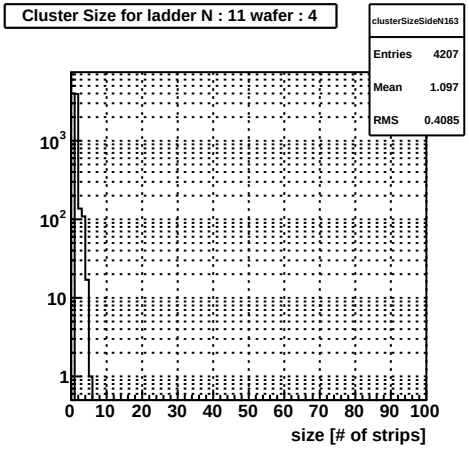

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 933
Mean 1.008
RMS 0.08629
size [# of strips]

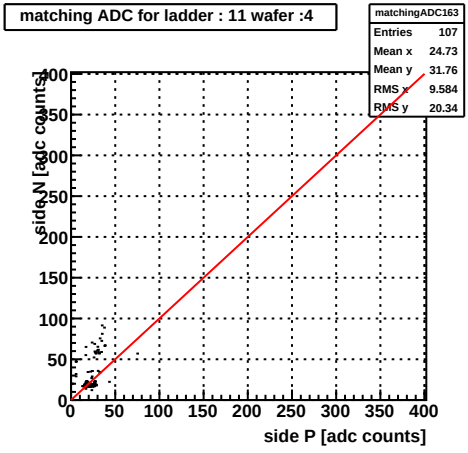

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 4
Mean x 16
Mean y 22
RMS x 1
RMS y 6.403
side N [adc counts]
side P [adc counts]

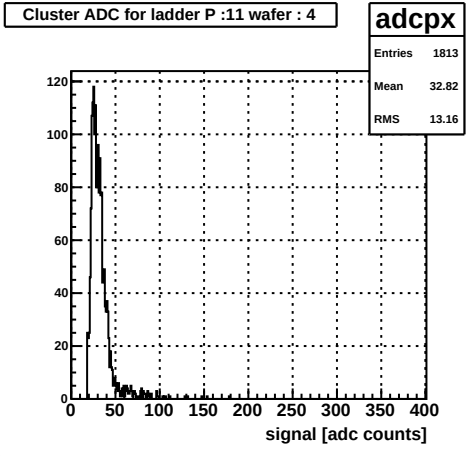

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 587
Mean 26.55
RMS 7.63
signal [adc counts]

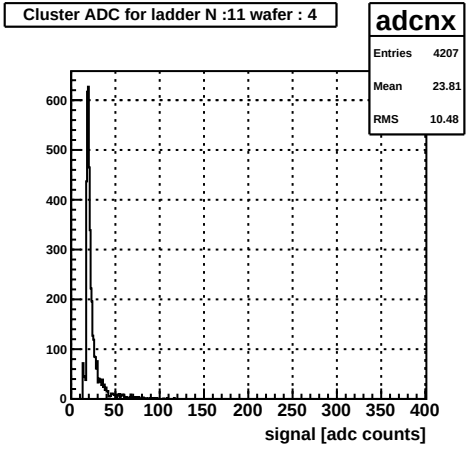

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 933
Mean 21.58
RMS 6.265
signal [adc counts]

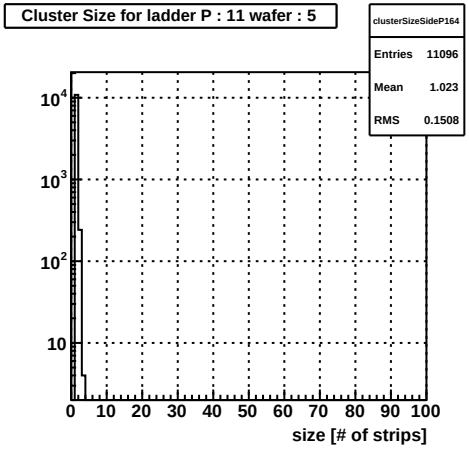

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1813
Mean 1.11
RMS 0.4517
size [# of strips]

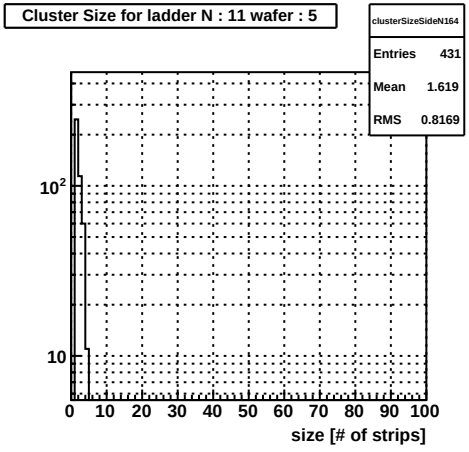

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4207
Mean 1.097
RMS 0.4085
size [# of strips]

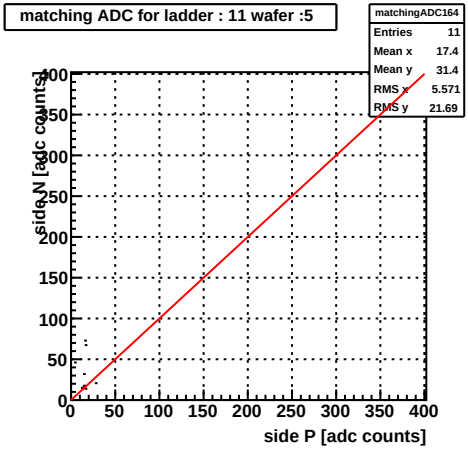

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 107
Mean x 24.73
Mean y 31.76
RMS x 9.584
RMS y 20.34
side N [adc counts]
side P [adc counts]

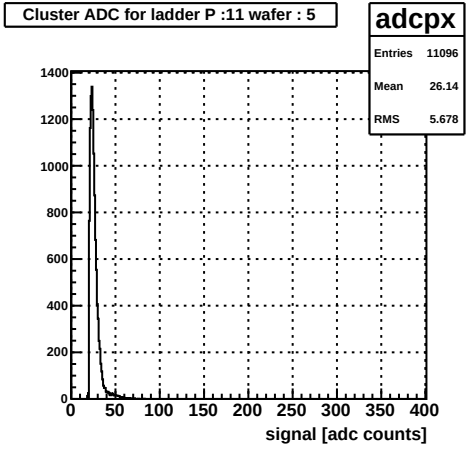

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1813
Mean 32.82
RMS 13.16
signal [adc counts]

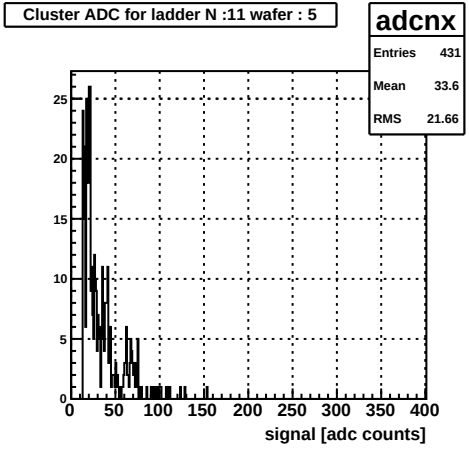

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4207
Mean 23.81
RMS 10.48
signal [adc counts]

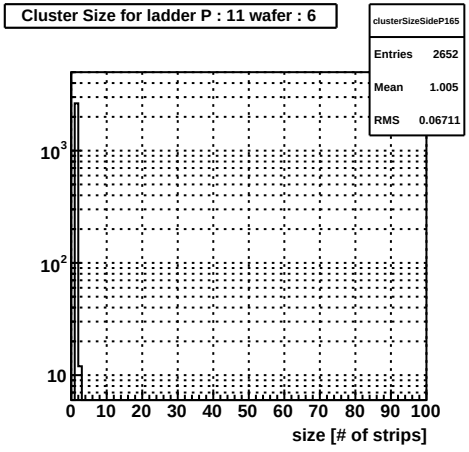

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11096
Mean 1.023
RMS 0.1508
size [# of strips]

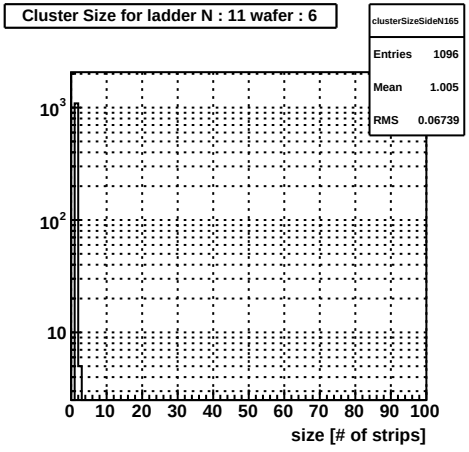

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 431
Mean 1.619
RMS 0.8169
size [# of strips]

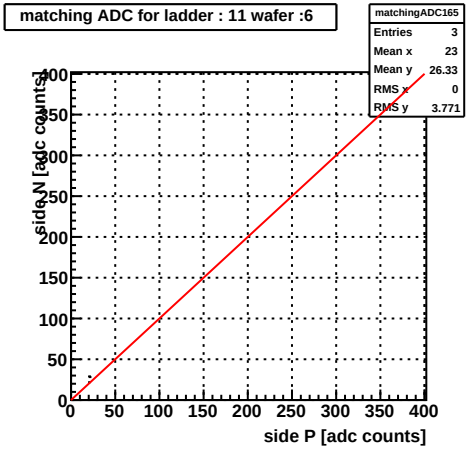

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 11
Mean x 17.4
Mean y 31.4
RMS x 5.571
RMS y 21.69
side N [adc counts]
side P [adc counts]

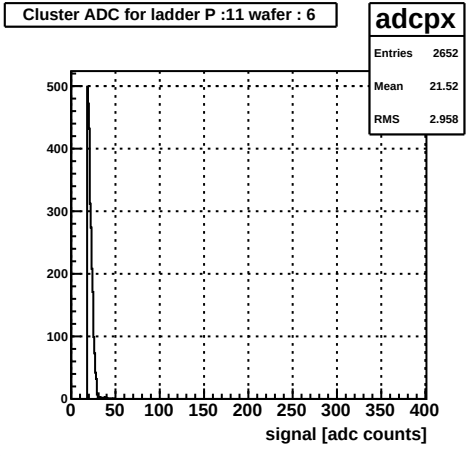

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11096
Mean 26.14
RMS 5.678
signal [adc counts]

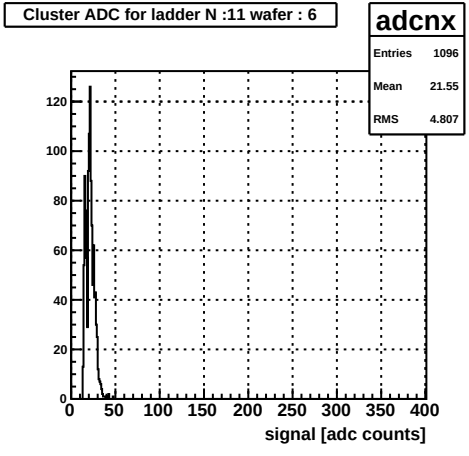

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 431
Mean 33.6
RMS 21.66
signal [adc counts]

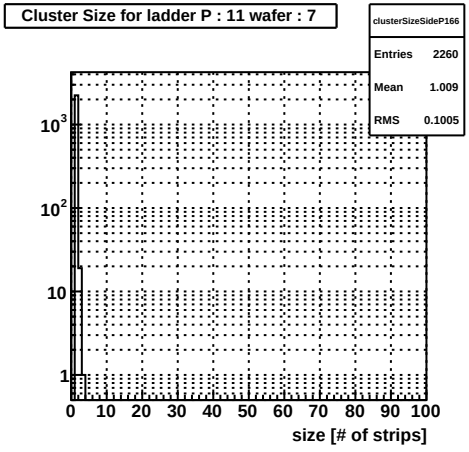

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2652
Mean 1.005
RMS 0.06711
size [# of strips]

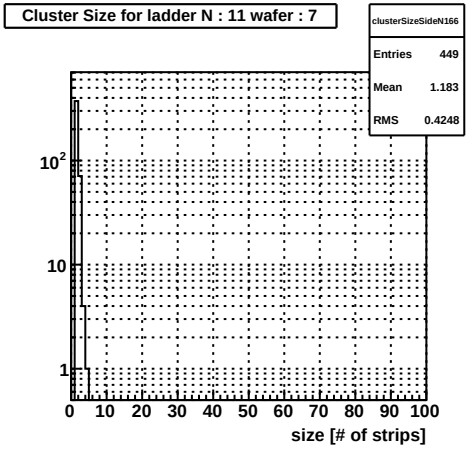

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1096
Mean 1.005
RMS 0.06739
size [# of strips]

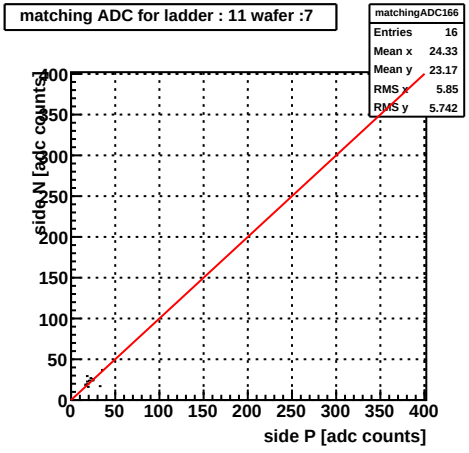

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 3
Mean x 23
Mean y 26.33
RMS x 0
RMS y 3.771
side N [adc counts]
side P [adc counts]

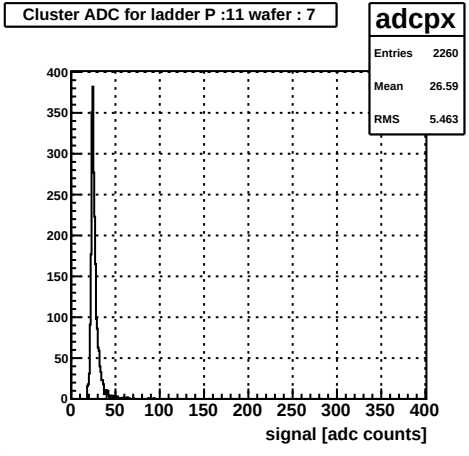

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2652
Mean 21.52
RMS 2.958
signal [adc counts]

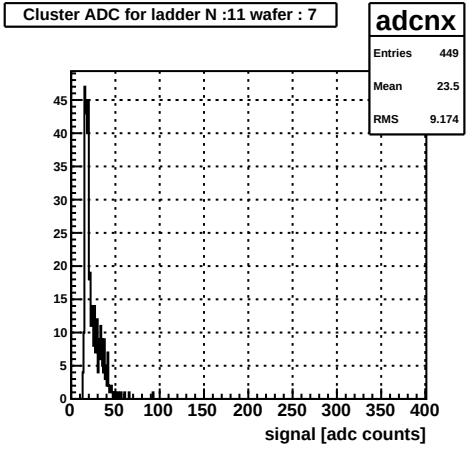

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1096
Mean 21.55
RMS 4.807
signal [adc counts]

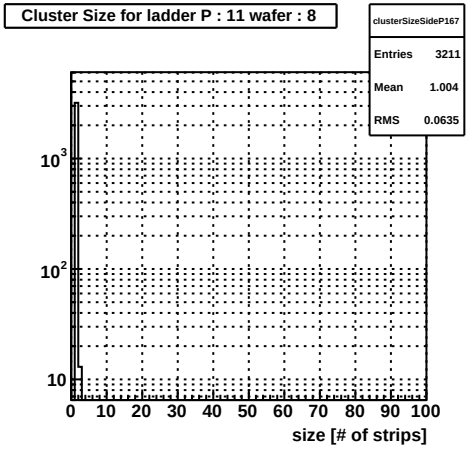

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2260
Mean 1.009
RMS 0.1005
size [# of strips]

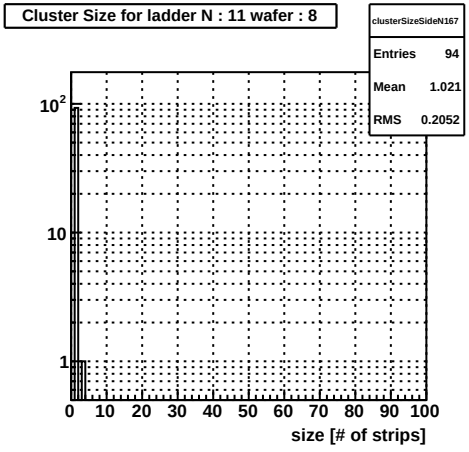

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 449
Mean 1.183
RMS 0.4248
size [# of strips]

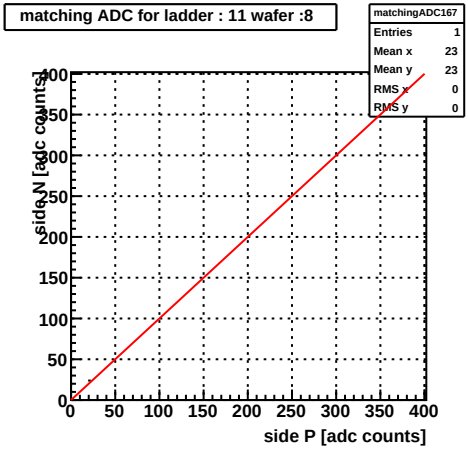

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 16
Mean x 24.33
Mean y 23.17
RMS x 5.85
RMS y 5.742
side N [adc counts]
side P [adc counts]

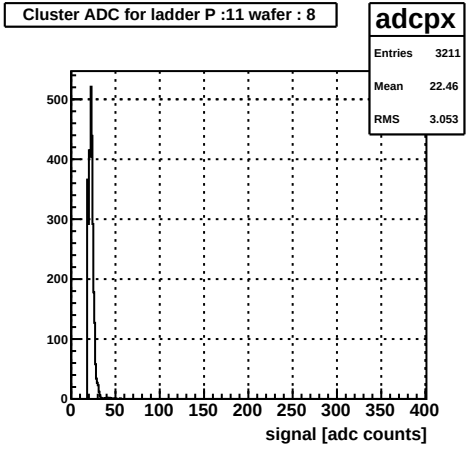

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2260
Mean 26.59
RMS 5.463
signal [adc counts]

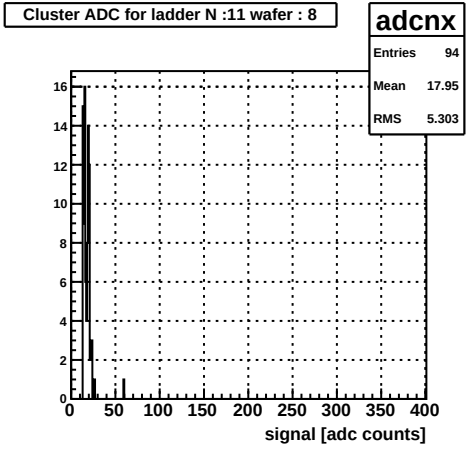

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 449
Mean 23.5
RMS 9.174
signal [adc counts]

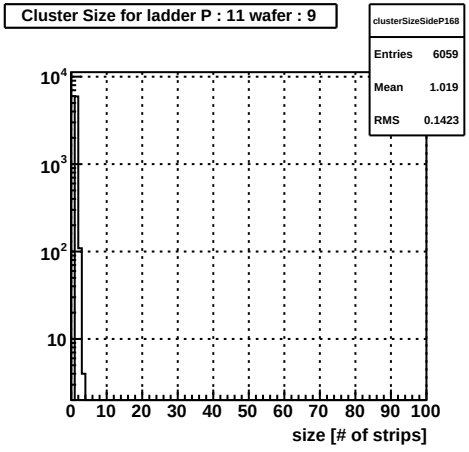

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3211
Mean 1.004
RMS 0.0635
size [# of strips]

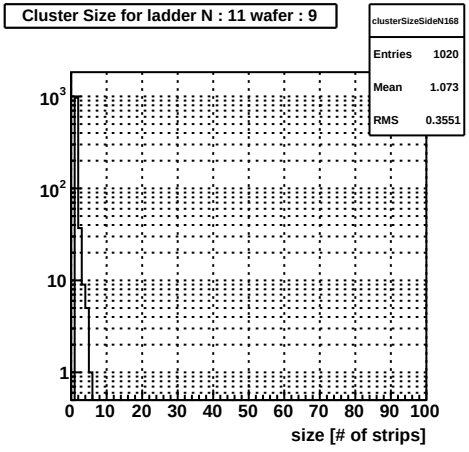

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 94
Mean 1.021
RMS 0.2052
size [# of strips]

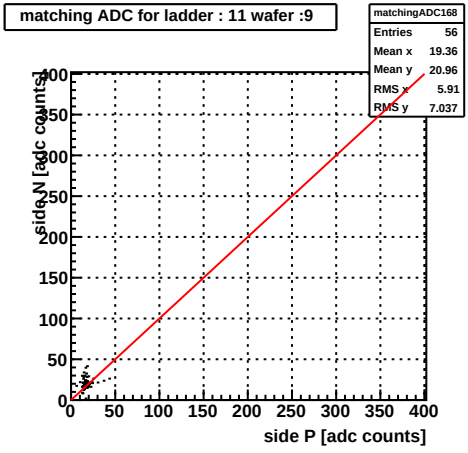

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1
Mean x 23
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

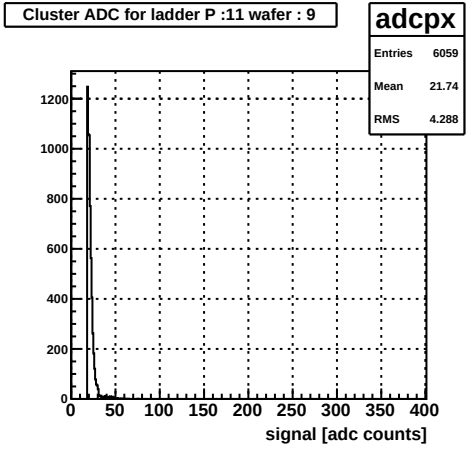

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3211
Mean 22.46
RMS 3.053
signal [adc counts]

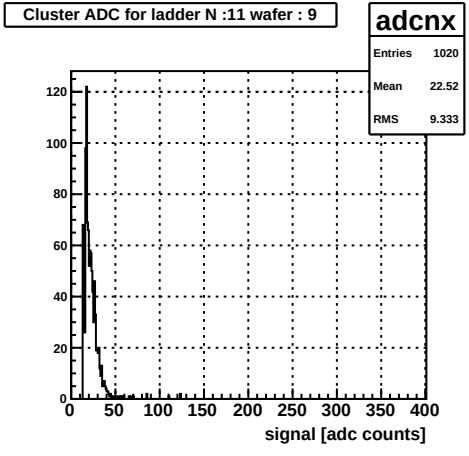

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 94
Mean 17.95
RMS 5.303
signal [adc counts]

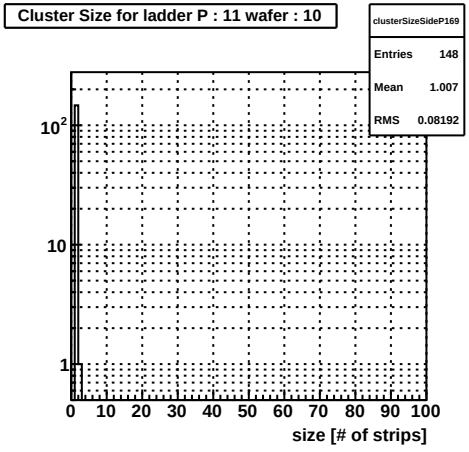

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6059
Mean 1.019
RMS 0.1423
size [# of strips]

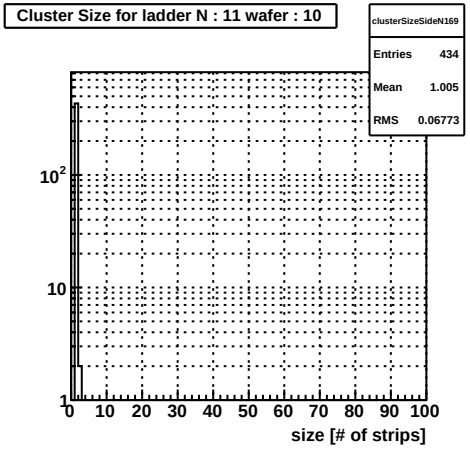

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1020
Mean 1.073
RMS 0.3551
size [# of strips]

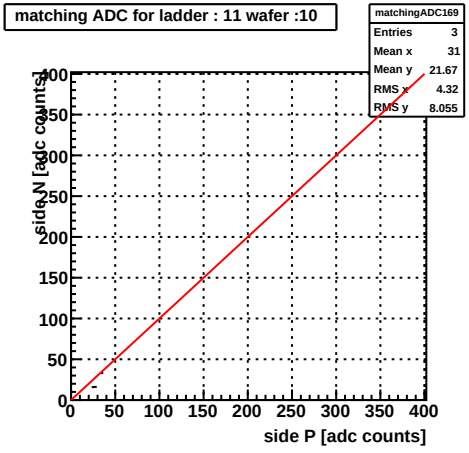

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 56
Mean x 19.36
Mean y 20.96
RMS x 5.91
RMS y 7.037
side N [adc counts]
side P [adc counts]

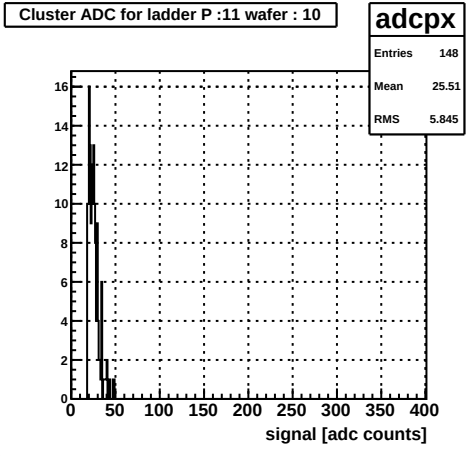

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6059
Mean 21.74
RMS 4.288
signal [adc counts]

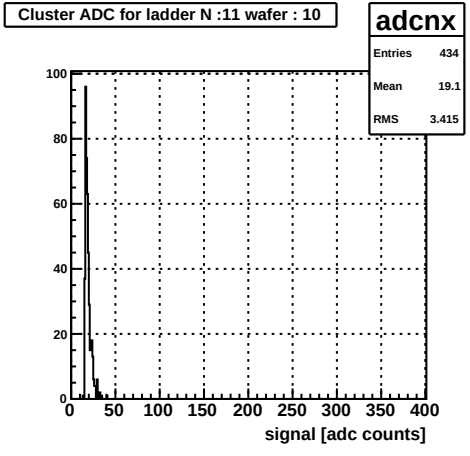

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1020
Mean 22.52
RMS 9.333
signal [adc counts]

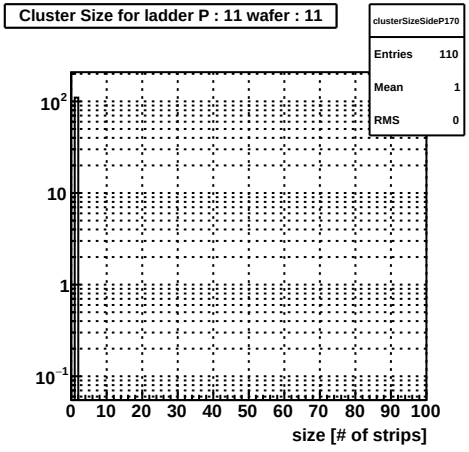

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 148
Mean 1.007
RMS 0.08192
size [# of strips]

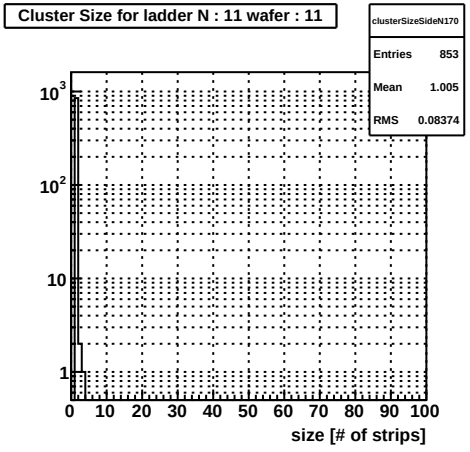

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 434
Mean 1.005
RMS 0.06773
size [# of strips]

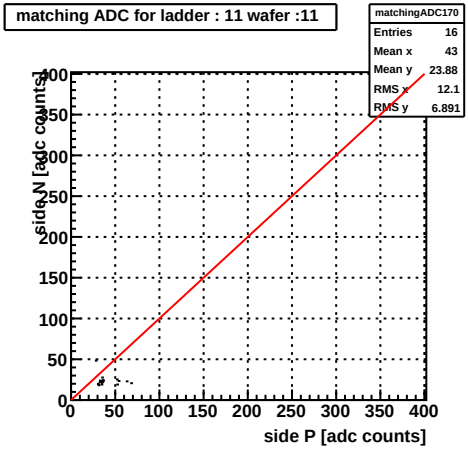

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 3
Mean x 31
Mean y 21.67
RMS x 4.32
RMS y 8.055
side N [adc counts]
side P [adc counts]

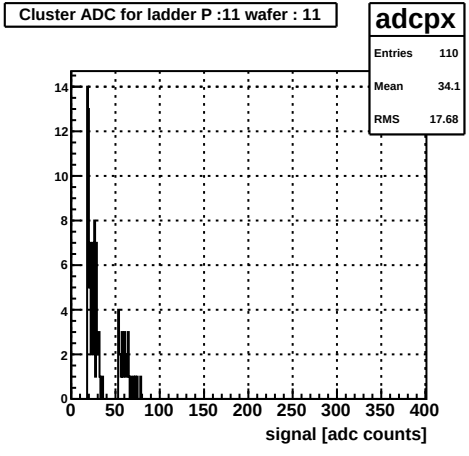

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 148
Mean 25.51
RMS 5.845
signal [adc counts]

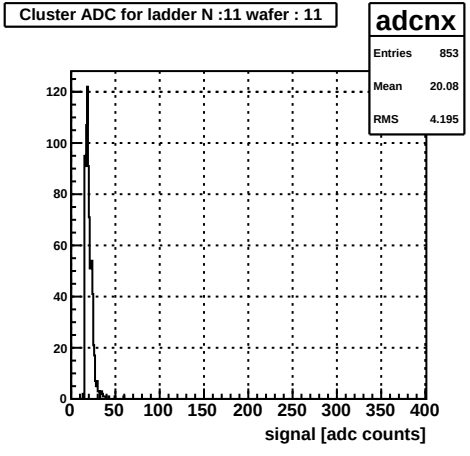

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 434
Mean 19.1
RMS 3.415
signal [adc counts]

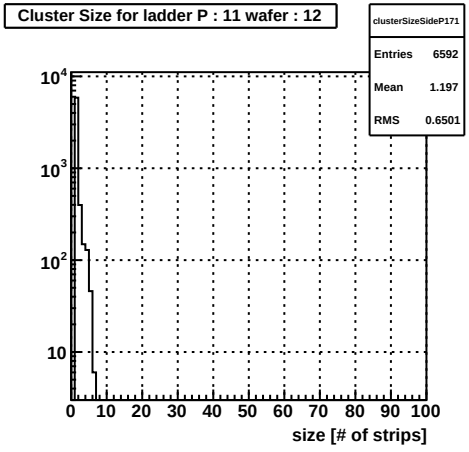

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 110
Mean 1
RMS 0
size [# of strips]

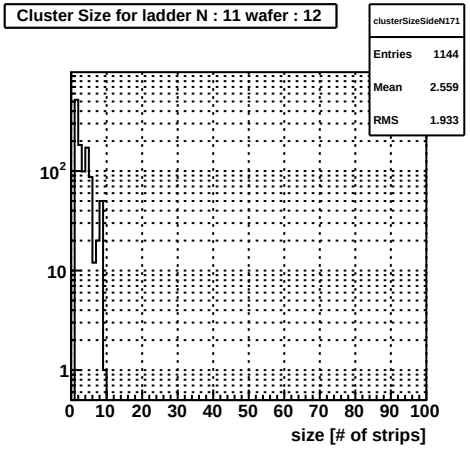

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 853
Mean 1.005
RMS 0.08374
size [# of strips]

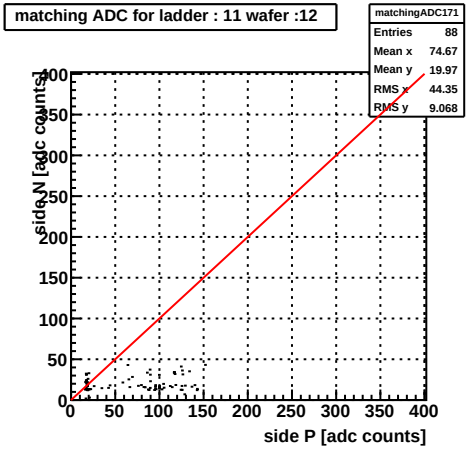

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 16
Mean x 43
Mean y 23.88
RMS x 12.1
RMS y 6.891
side N [adc counts]
side P [adc counts]

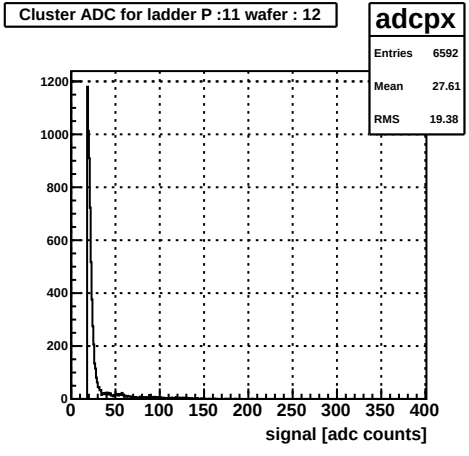

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 110
Mean 34.1
RMS 17.68
signal [adc counts]

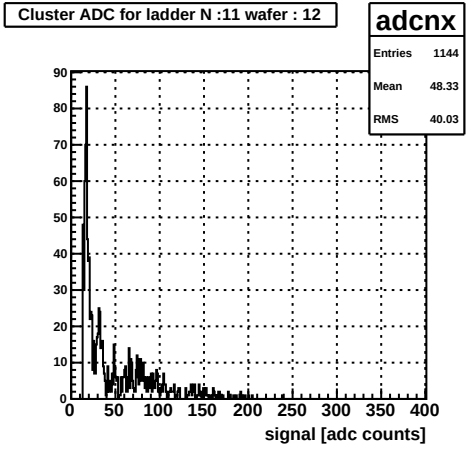

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 853
Mean 20.08
RMS 4.195
signal [adc counts]

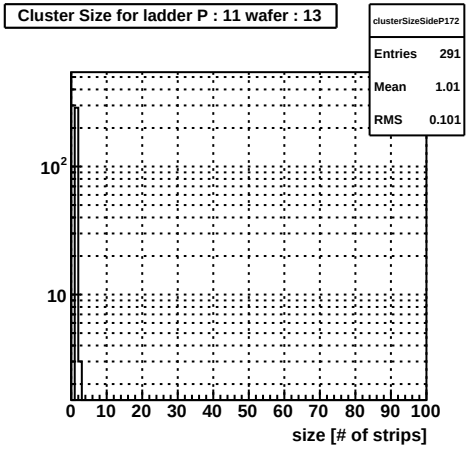

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6592
Mean 1.197
RMS 0.6501
size [# of strips]

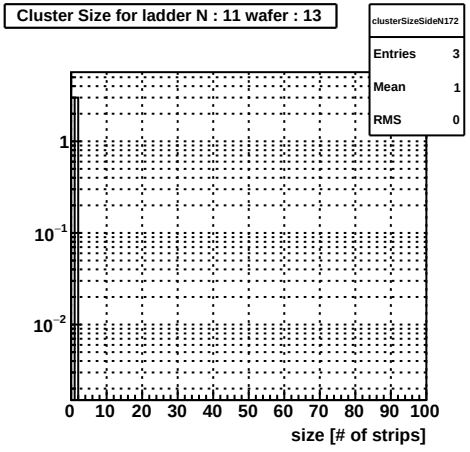

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 1144
Mean 2.559
RMS 1.933
size [# of strips]

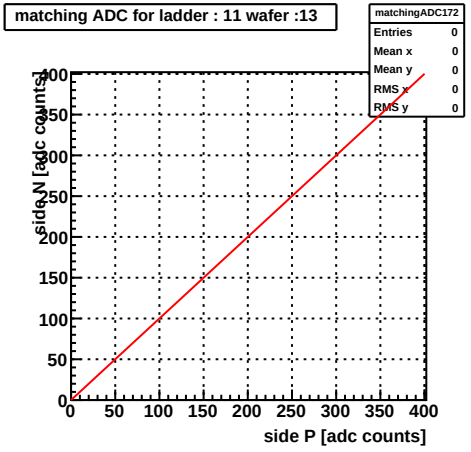

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 88
Mean x 74.67
Mean y 19.97
RMS x 44.35
RMS y 9.068
side N [adc counts]
side P [adc counts]

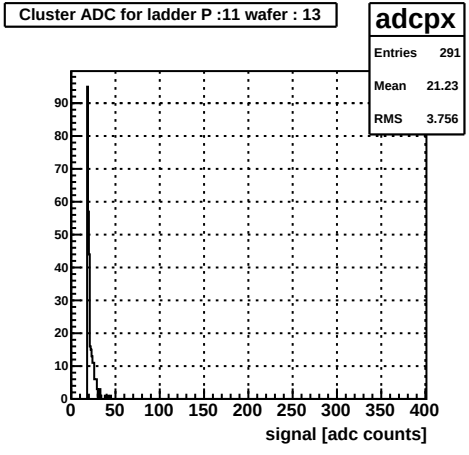

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6592
Mean 27.61
RMS 19.38
signal [adc counts]

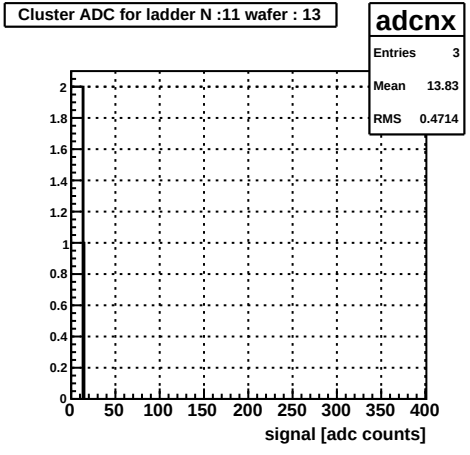

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 1144
Mean 48.33
RMS 40.03
signal [adc counts]

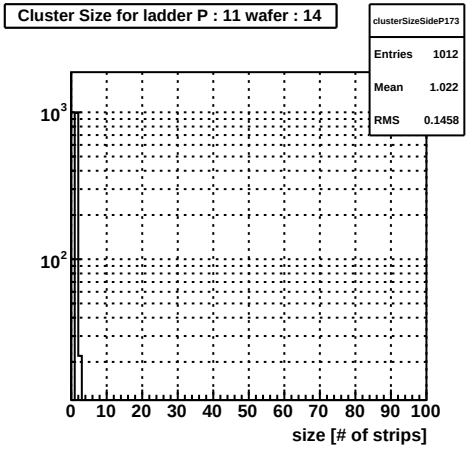

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 291
Mean 1.01
RMS 0.101
size [# of strips]

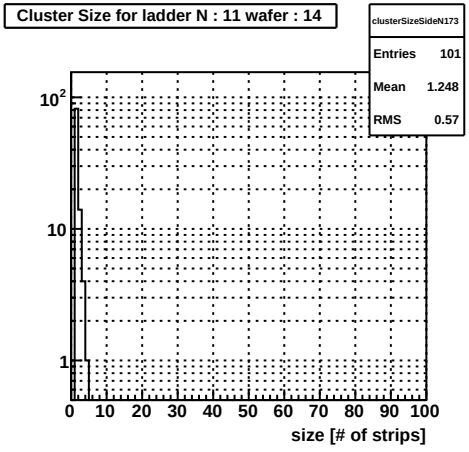

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 3
Mean 1
RMS 0
size [# of strips]

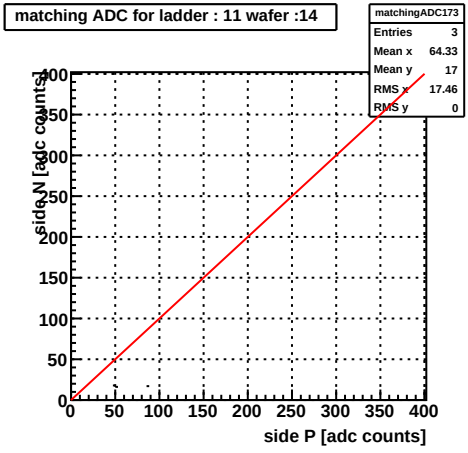

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

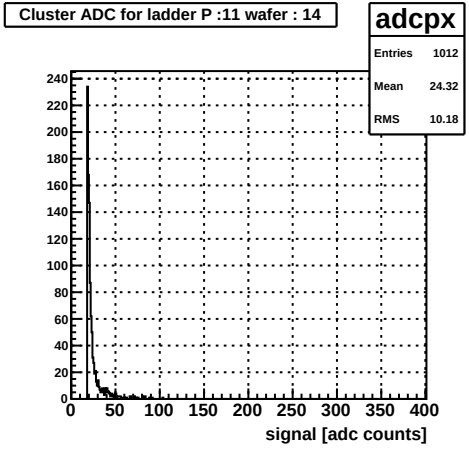

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 291
Mean 21.23
RMS 3.756
signal [adc counts]

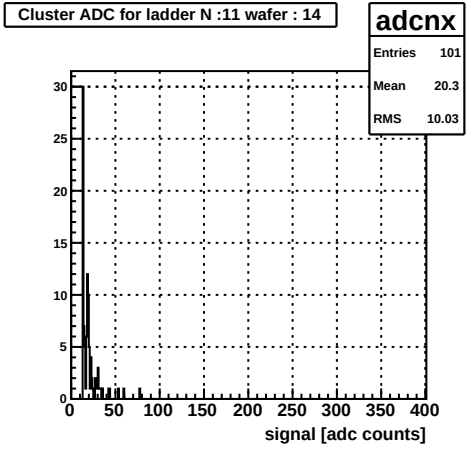

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 3
Mean 13.83
RMS 0.4714
signal [adc counts]

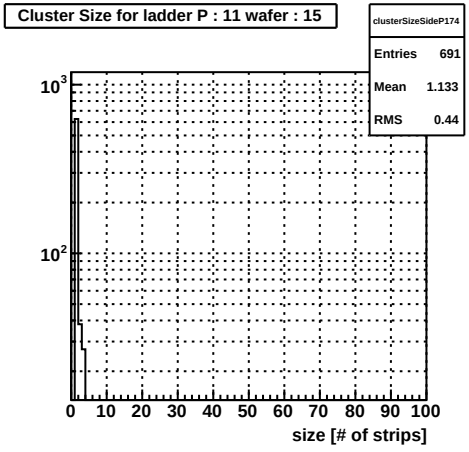

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1012
Mean 1.022
RMS 0.1458
size [# of strips]

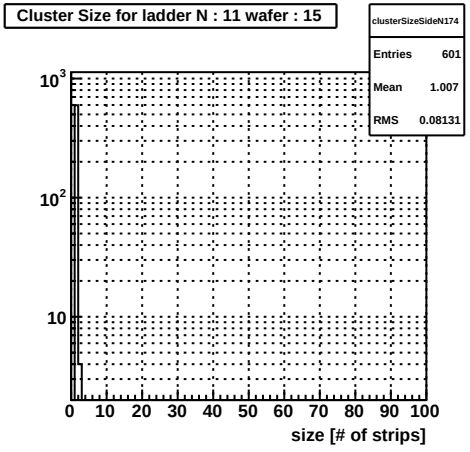

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 101
Mean 1.248
RMS 0.57
size [# of strips]

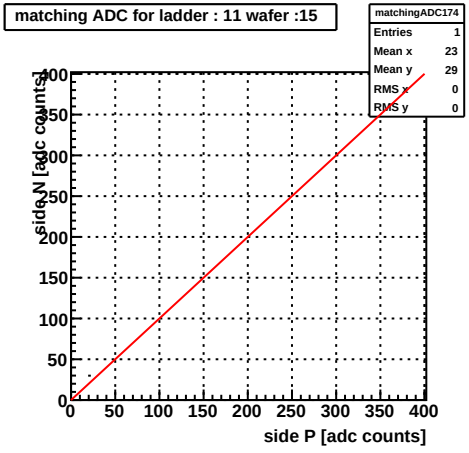

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 3
Mean x 64.33
Mean y 17
RMS x 17.46
RMS y 0
side N [adc counts]
side P [adc counts]

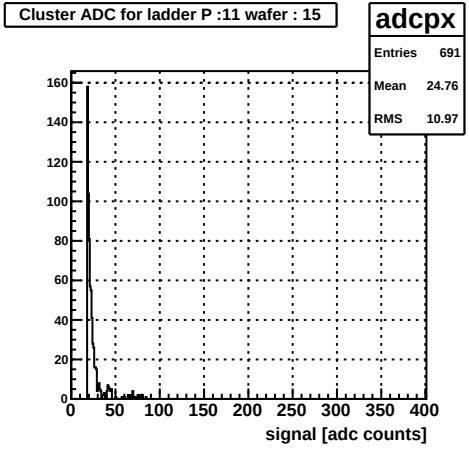

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1012
Mean 24.32
RMS 10.18
signal [adc counts]

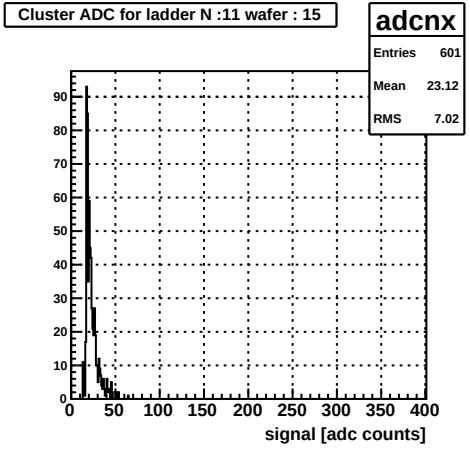

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 101
Mean 20.3
RMS 10.03
signal [adc counts]

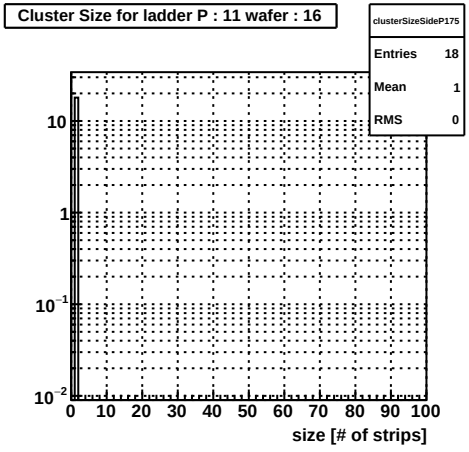

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 691
Mean 1.133
RMS 0.44
size [# of strips]

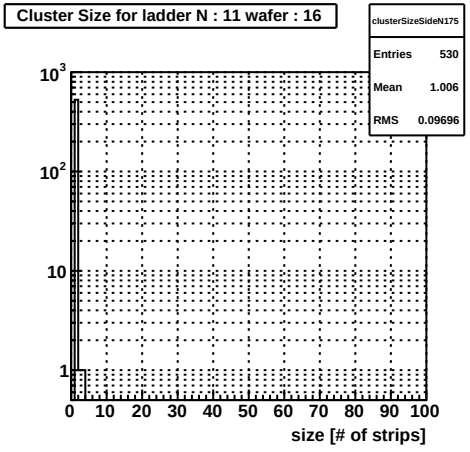

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 601
Mean 1.007
RMS 0.08131
size [# of strips]

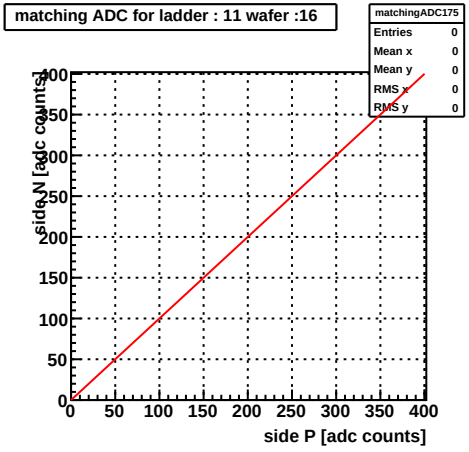

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1
Mean x 23
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

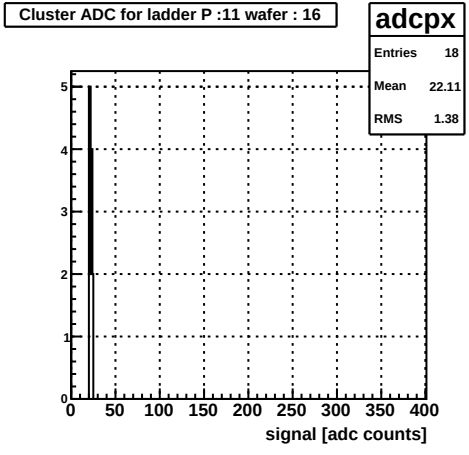

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 691
Mean 24.76
RMS 10.97
signal [adc counts]

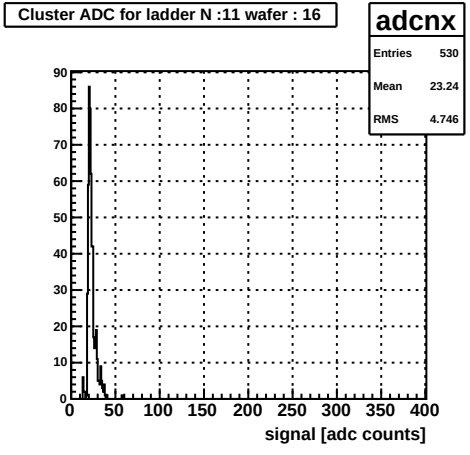

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 601
Mean 23.12
RMS 7.02
signal [adc counts]

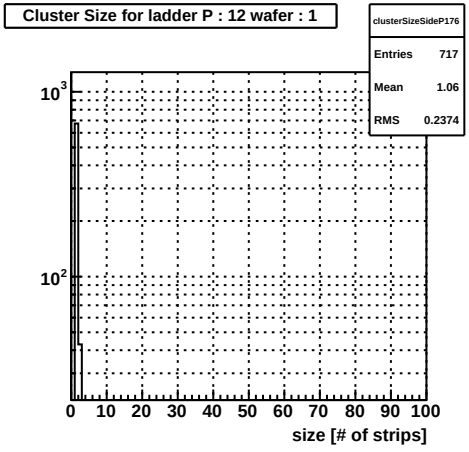

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 18
Mean 1
RMS 0
size [# of strips]

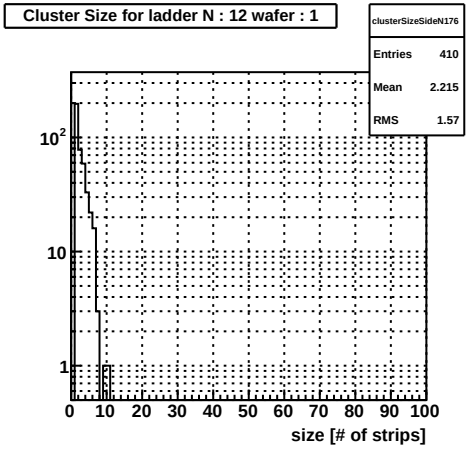

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 530
Mean 1.006
RMS 0.09696
size [# of strips]

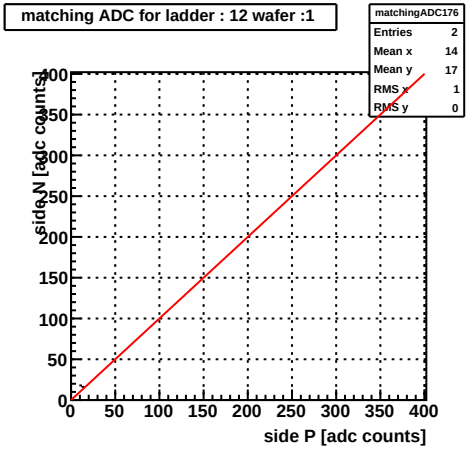

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

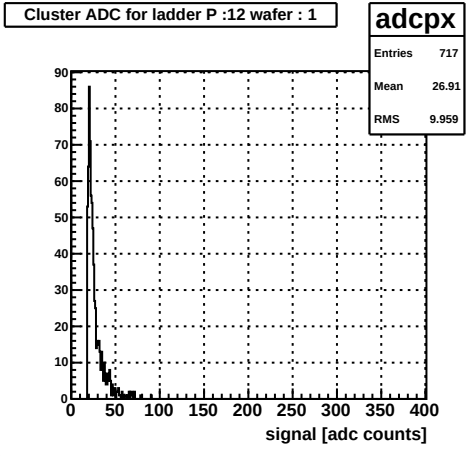

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 18
Mean 22.11
RMS 1.38
signal [adc counts]

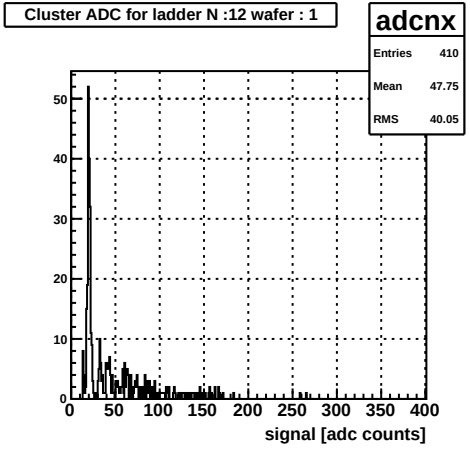

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 530
Mean 23.24
RMS 4.746
signal [adc counts]

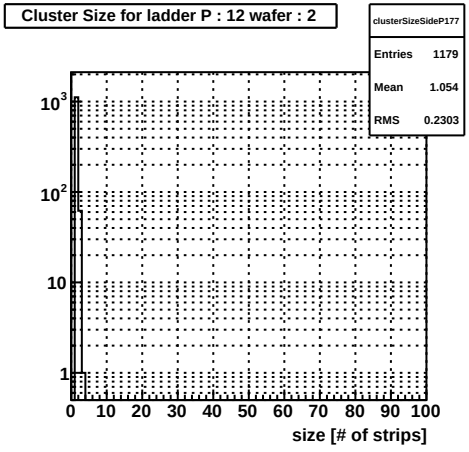

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 717
Mean 1.06
RMS 0.2374
size [# of strips]

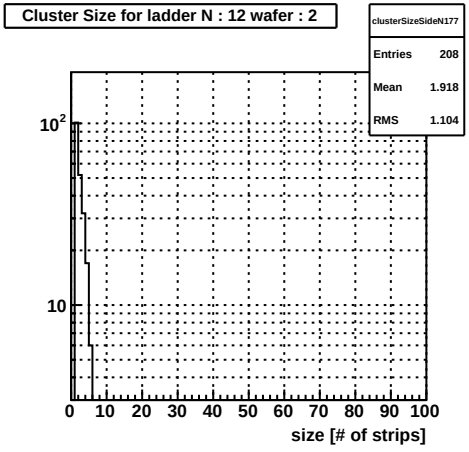

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 410
Mean 2.215
RMS 1.57
size [# of strips]

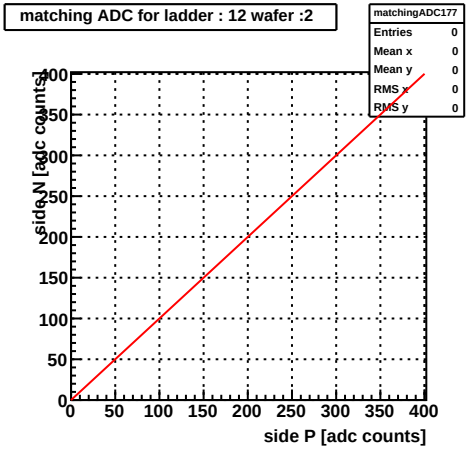

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 2
Mean x 14
Mean y 17
RMS x 1
RMS y 0
side N [adc counts]
side P [adc counts]

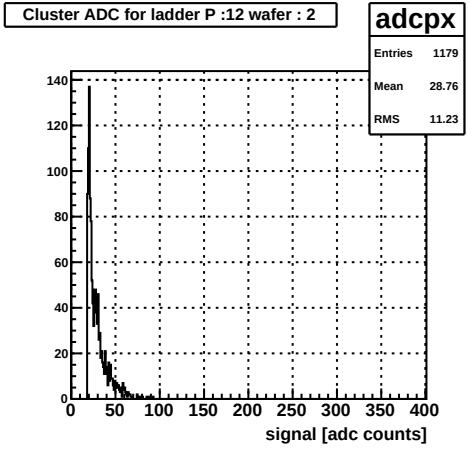

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 717
Mean 26.91
RMS 9.959
signal [adc counts]

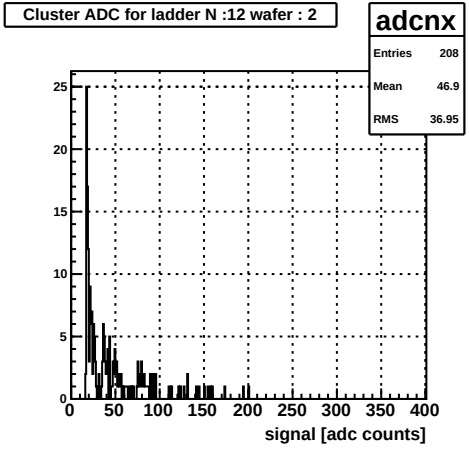

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 410
Mean 47.75
RMS 40.05
signal [adc counts]

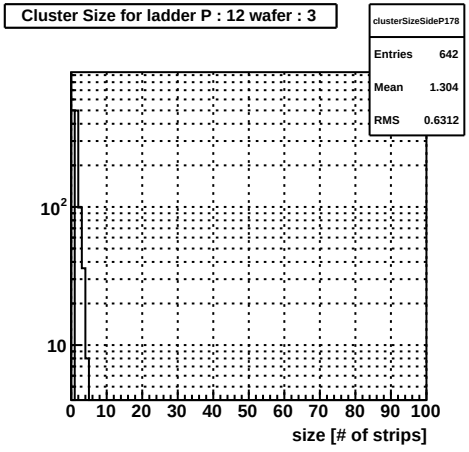

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1179
Mean 1.054
RMS 0.2303
size [# of strips]

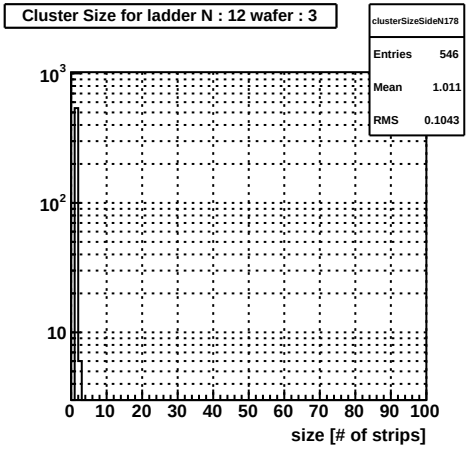

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 208
Mean 1.918
RMS 1.104
size [# of strips]

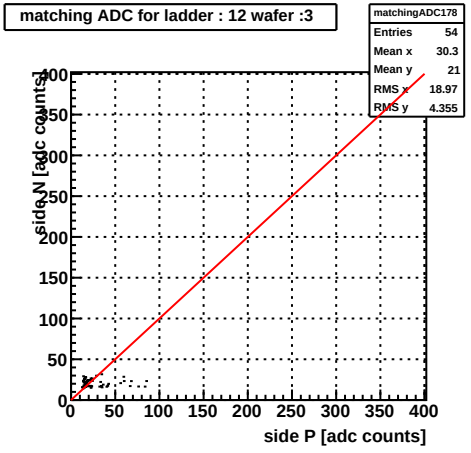

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

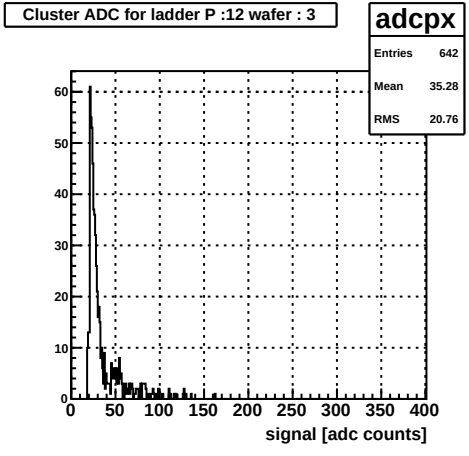

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1179
Mean 28.76
RMS 11.23
signal [adc counts]

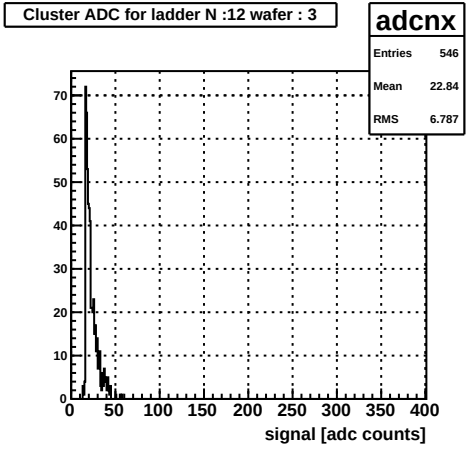

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 208
Mean 46.9
RMS 36.95
signal [adc counts]

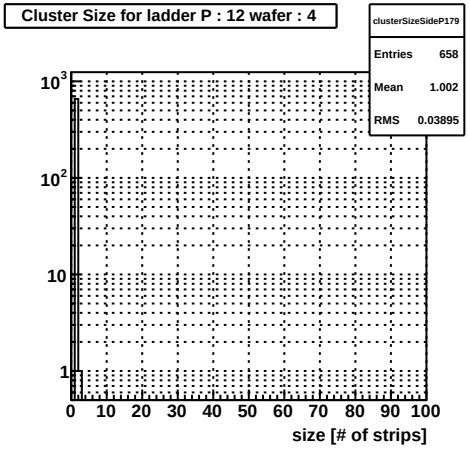

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 642
Mean 1.304
RMS 0.6312
size [# of strips]

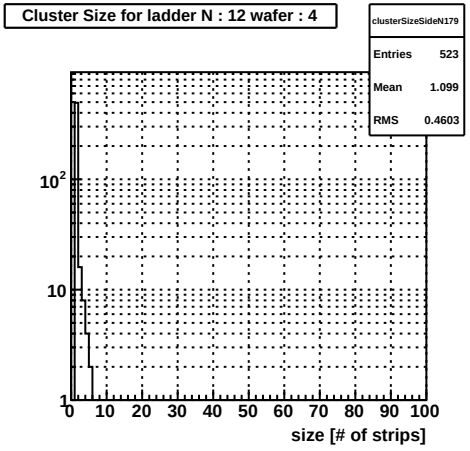

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 546
Mean 1.011
RMS 0.1043
size [# of strips]

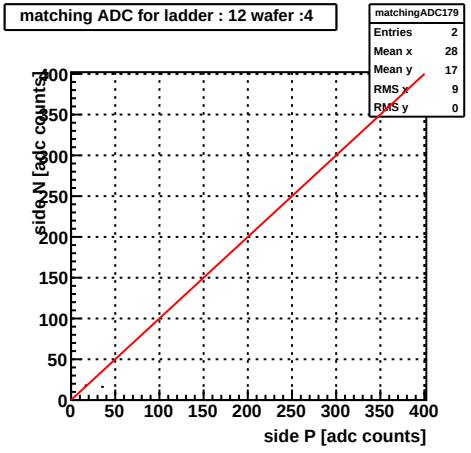

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 54
Mean x 30.3
Mean y 21
RMS x 18.97
RMS y 4.355
side N [adc counts]
side P [adc counts]

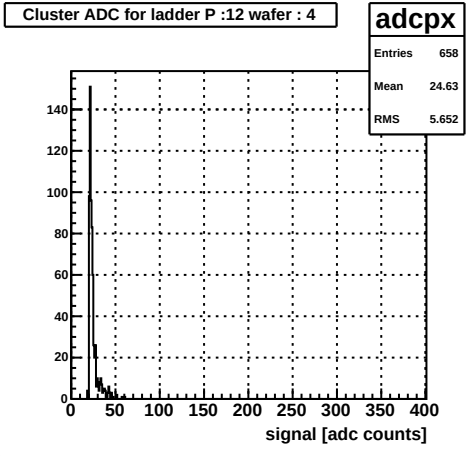

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 642
Mean 35.28
RMS 20.76
signal [adc counts]

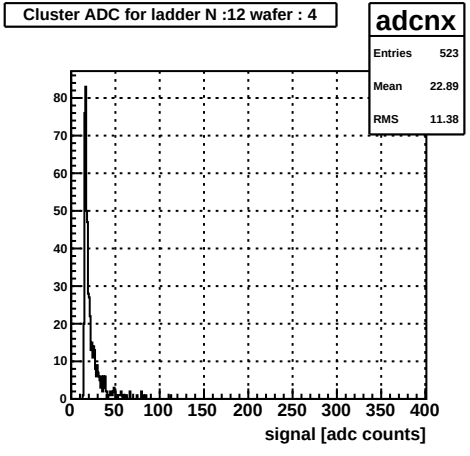

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 546
Mean 22.84
RMS 6.787
signal [adc counts]

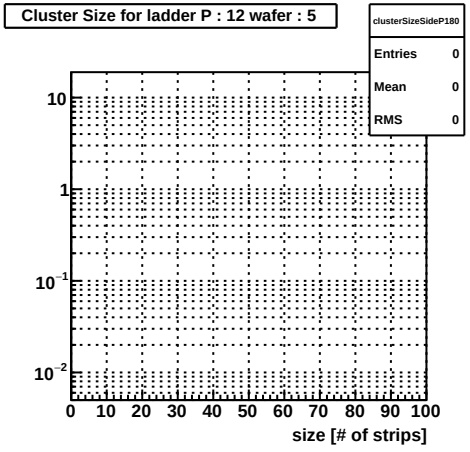

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 658
Mean 1.002
RMS 0.03895
size [# of strips]

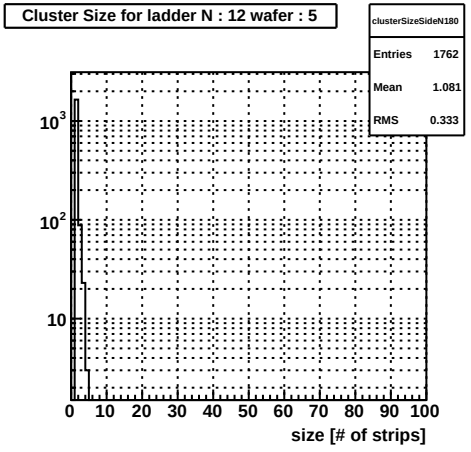

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 523
Mean 1.099
RMS 0.4603
size [# of strips]

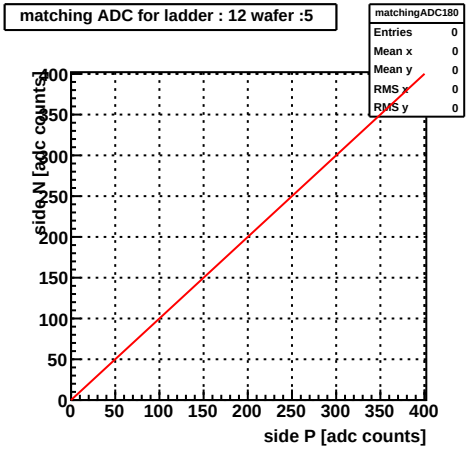

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2
Mean x 28
Mean y 17
RMS x 9
RMS y 0
side N [adc counts]
side P [adc counts]

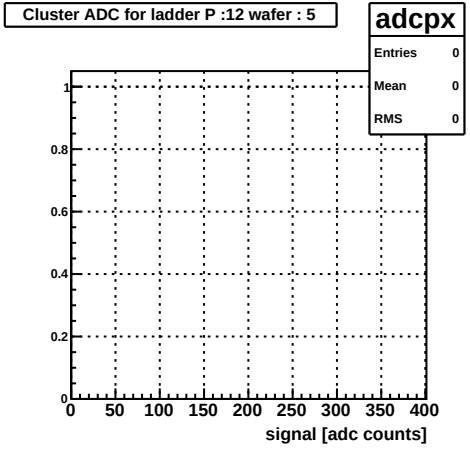

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 658
Mean 24.63
RMS 5.652
signal [adc counts]

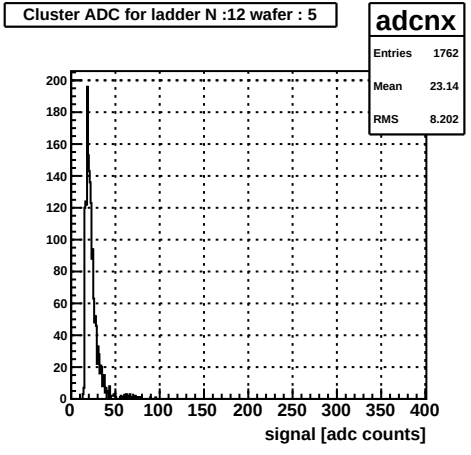

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 523
Mean 22.89
RMS 11.38
signal [adc counts]

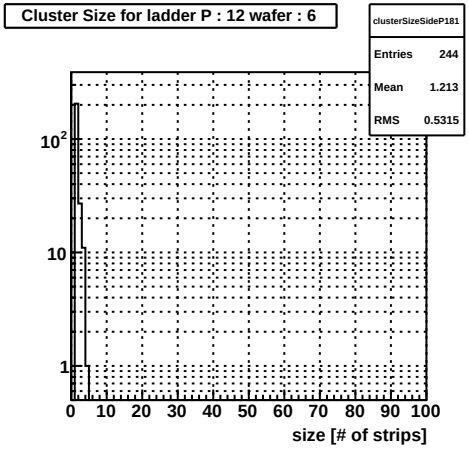

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 0
Mean 0
RMS 0
size [# of strips]

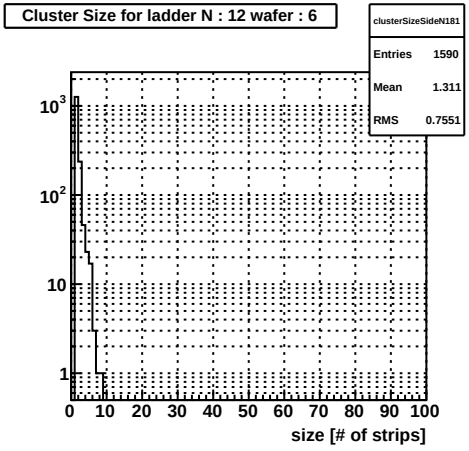

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 1762
Mean 1.081
RMS 0.333
size [# of strips]

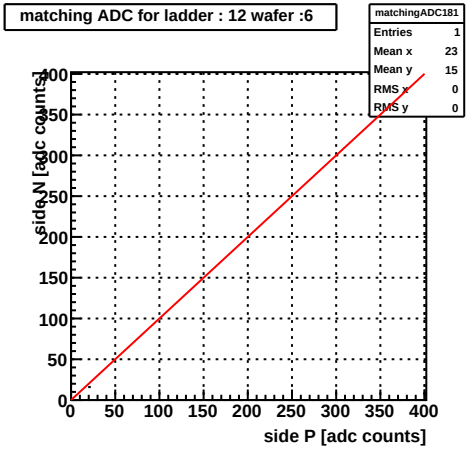

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

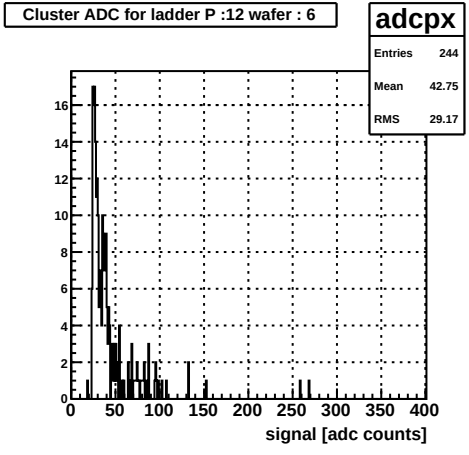

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

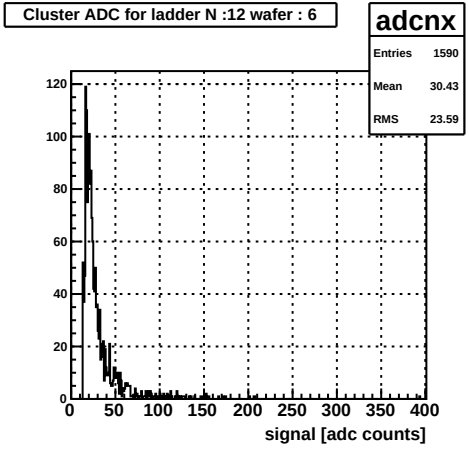

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 1762
Mean 23.14
RMS 8.202
signal [adc counts]

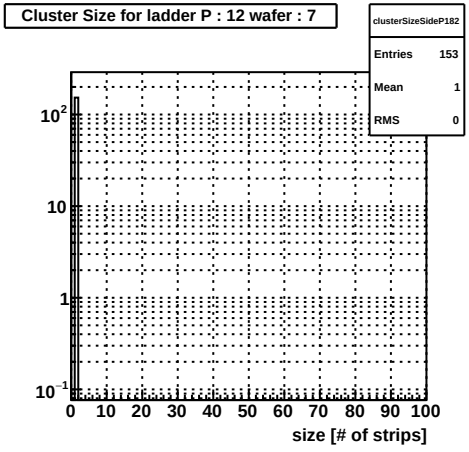

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 244
Mean 1.213
RMS 0.5315
size [# of strips]

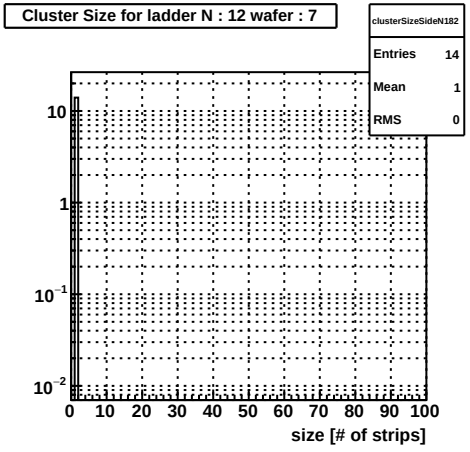

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 1590
Mean 1.311
RMS 0.7551
size [# of strips]

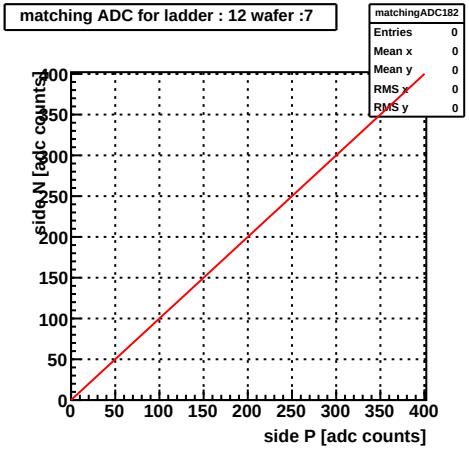

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1
Mean x 23
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

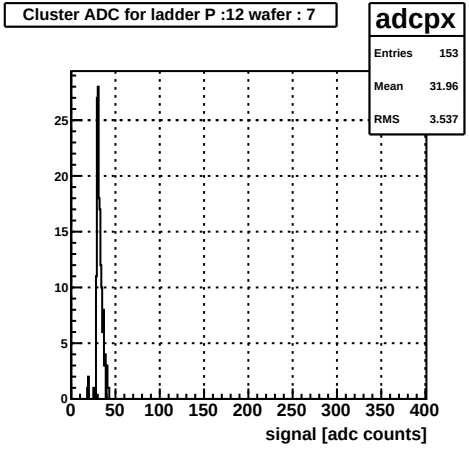

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 244
Mean 42.75
RMS 29.17
signal [adc counts]

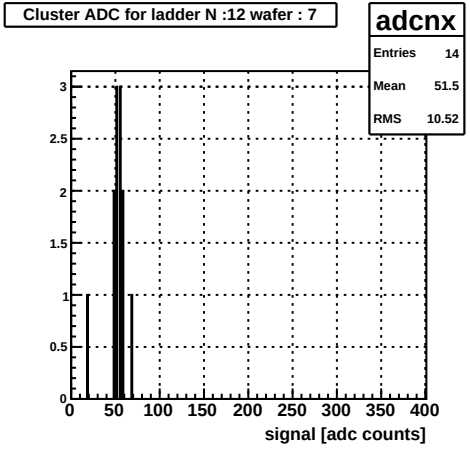

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 1590
Mean 30.43
RMS 23.59
signal [adc counts]

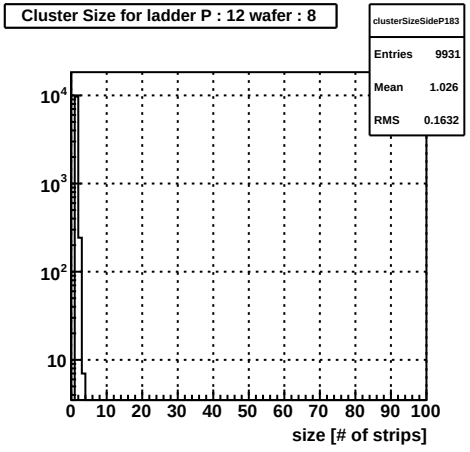

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 153
Mean 1
RMS 0
size [# of strips]

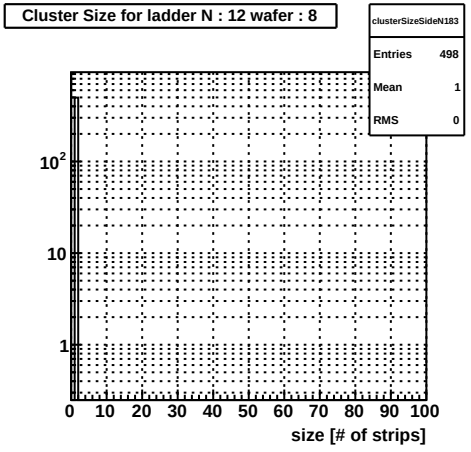

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 14
Mean 1
RMS 0
size [# of strips]

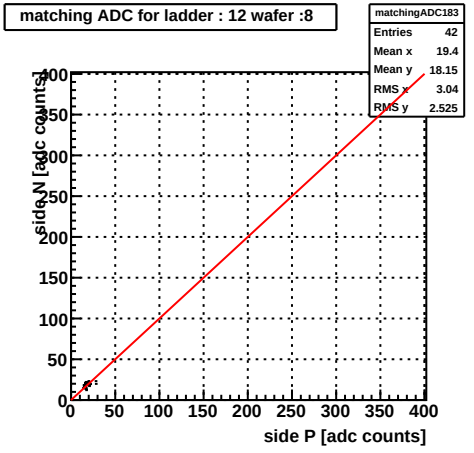

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

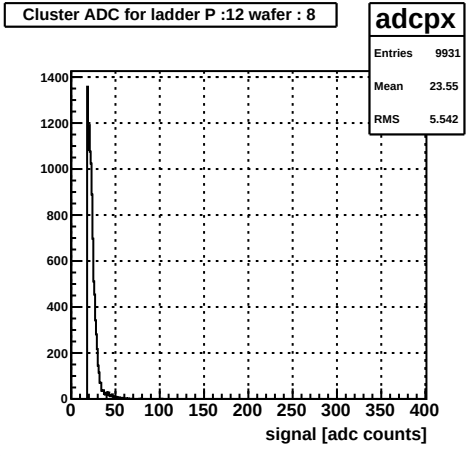

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 153
Mean 31.96
RMS 3.537
signal [adc counts]

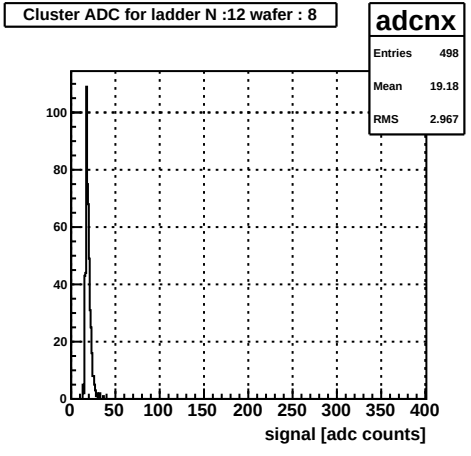

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 14
Mean 51.5
RMS 10.52
signal [adc counts]

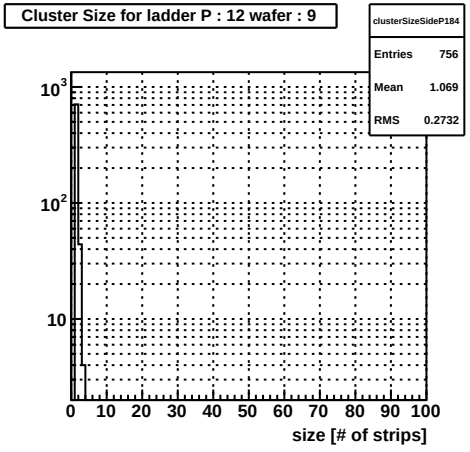

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 9931
Mean 1.026
RMS 0.1632
size [# of strips]

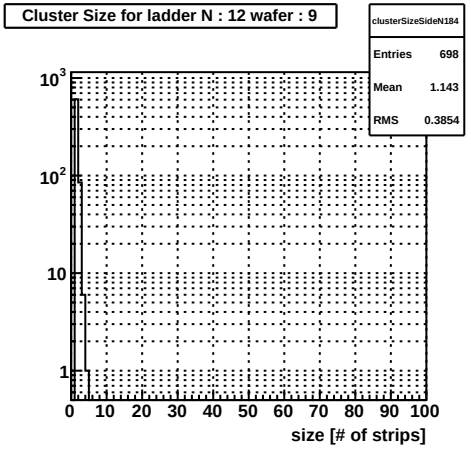

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 498
Mean 1
RMS 0
size [# of strips]

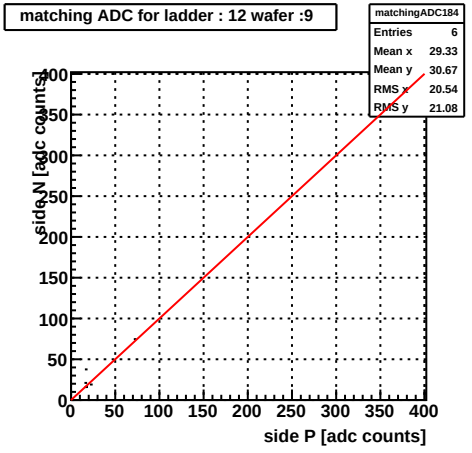

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 42
Mean x 19.4
Mean y 18.15
RMS x 3.04
RMS y 2.525
side N [adc counts]
side P [adc counts]

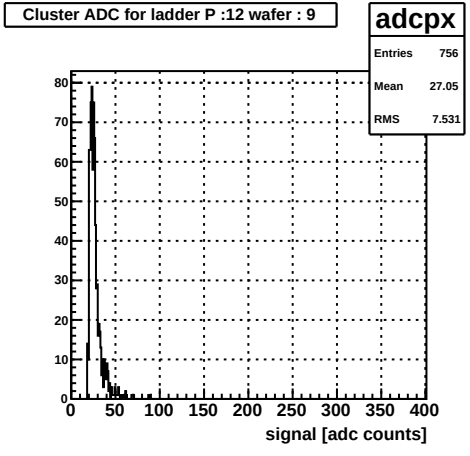

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 9931
Mean 23.55
RMS 5.542
signal [adc counts]

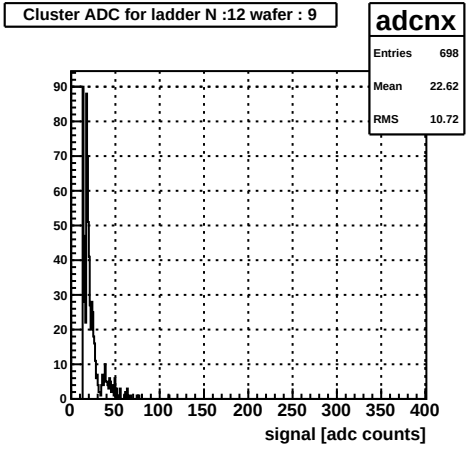

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 498
Mean 19.18
RMS 2.967
signal [adc counts]

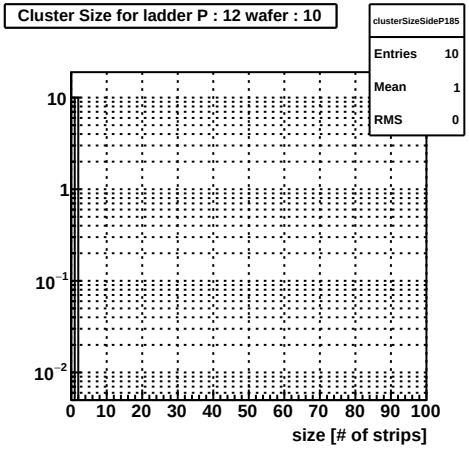

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 756
Mean 1.069
RMS 0.2732
size [# of strips]

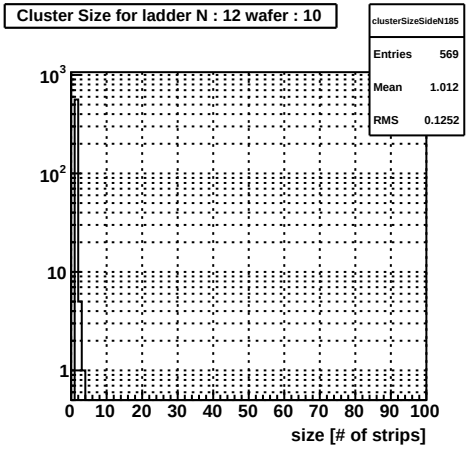

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 698
Mean 1.143
RMS 0.3854
size [# of strips]

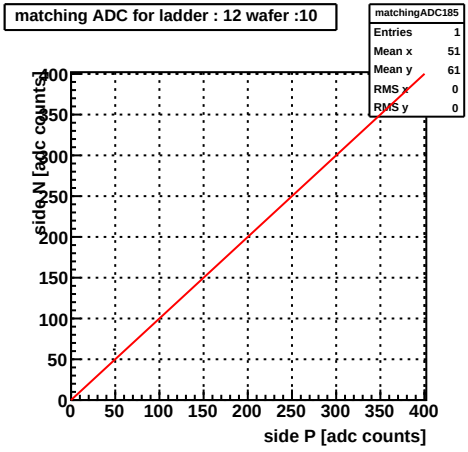

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6
Mean x 29.33
Mean y 30.67
RMS x 20.54
RMS y 21.08
side N [adc counts]
side P [adc counts]

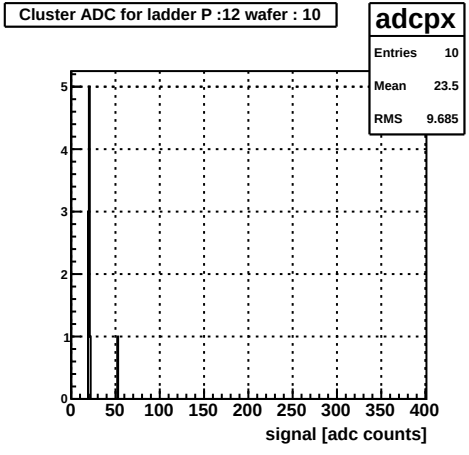

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 756
Mean 27.05
RMS 7.531
signal [adc counts]

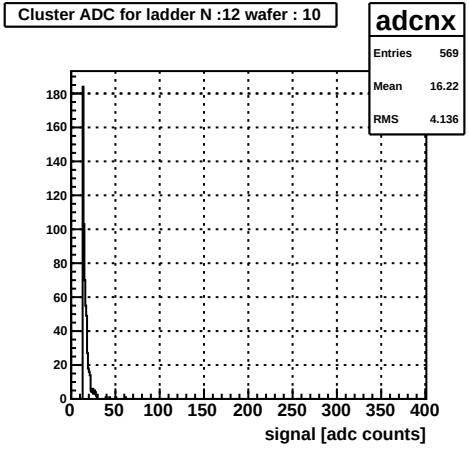

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 698
Mean 22.62
RMS 10.72
signal [adc counts]

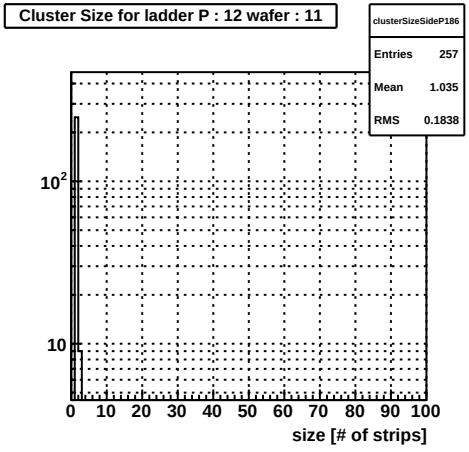

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 10
Mean 1
RMS 0
size [# of strips]

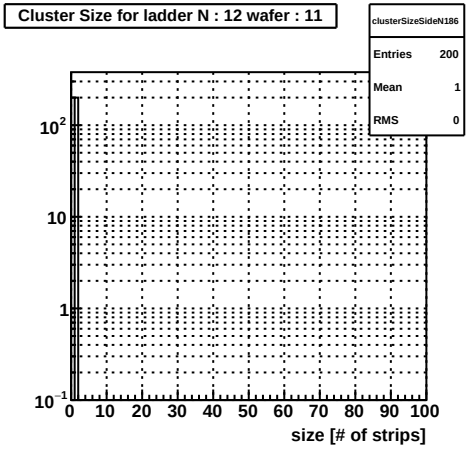

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 569
Mean 1.012
RMS 0.1252
size [# of strips]

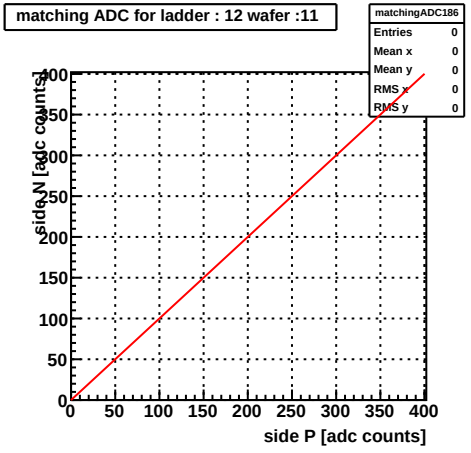

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1
Mean x 51
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

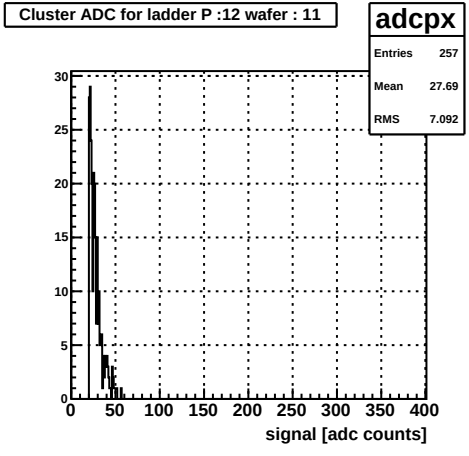

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 10
Mean 23.5
RMS 9.685
signal [adc counts]

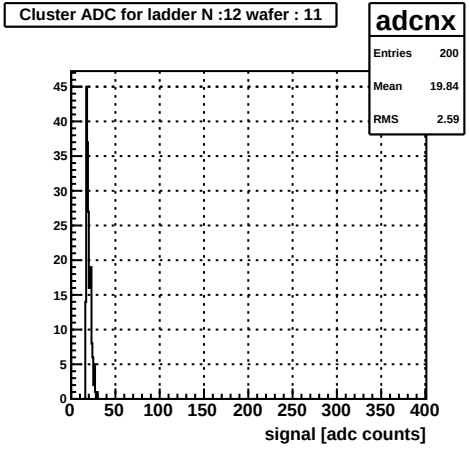

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 569
Mean 16.22
RMS 4.136
signal [adc counts]

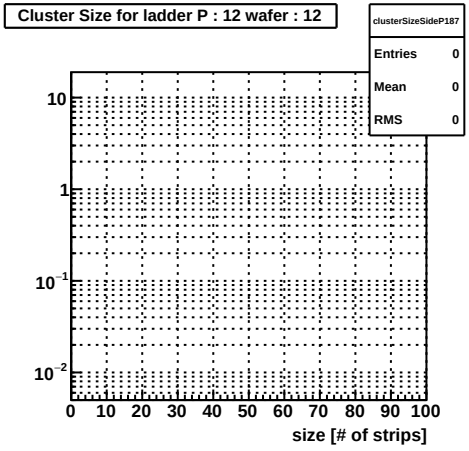

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 257
Mean 1.035
RMS 0.1838
size [# of strips]

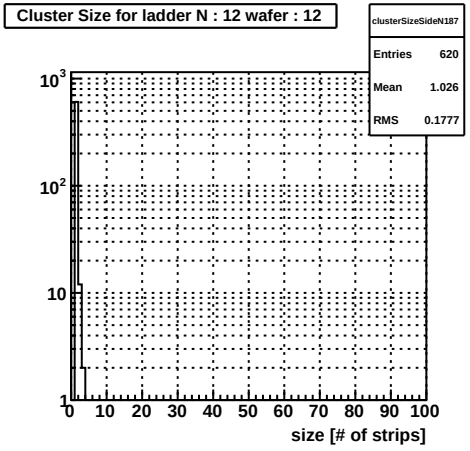

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 200
Mean 1
RMS 0
size [# of strips]

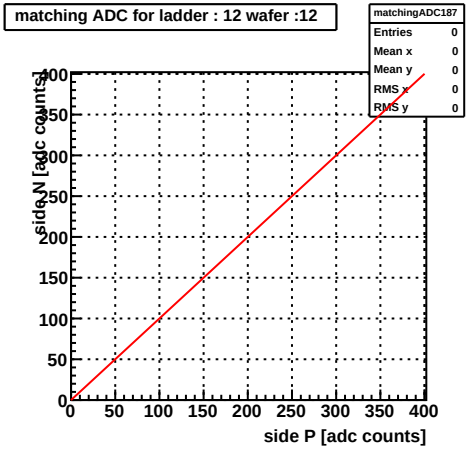

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

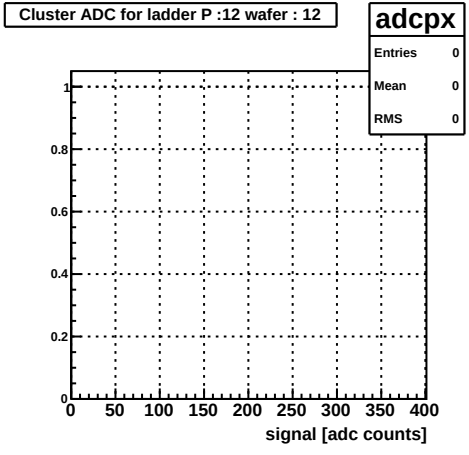

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 257
Mean 27.69
RMS 7.092
signal [adc counts]

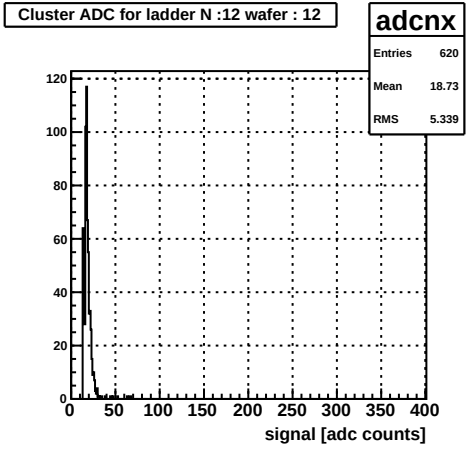

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 200
Mean 19.84
RMS 2.59
signal [adc counts]

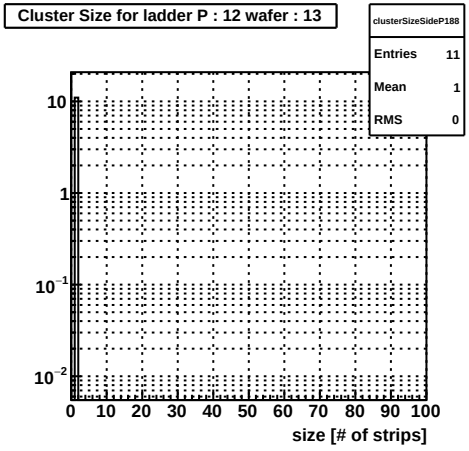

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 0
Mean 0
RMS 0
size [# of strips]

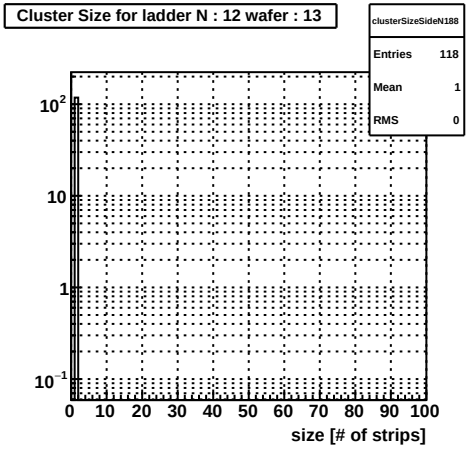

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 620
Mean 1.026
RMS 0.1777
size [# of strips]

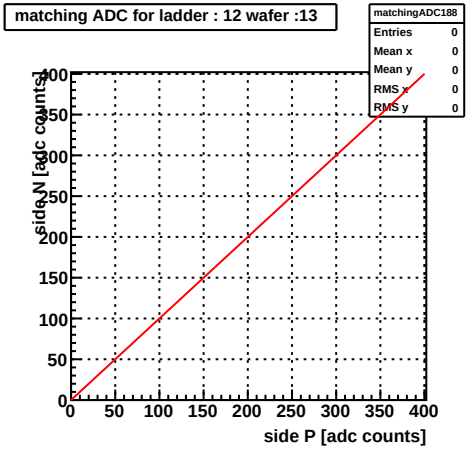

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

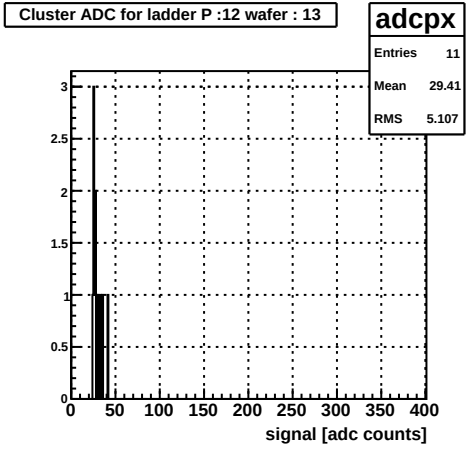

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

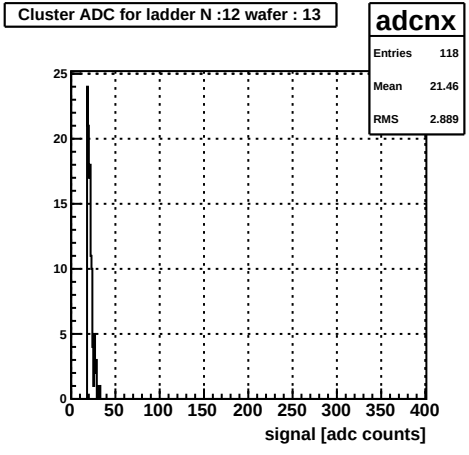

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 620
Mean 18.73
RMS 5.339
signal [adc counts]

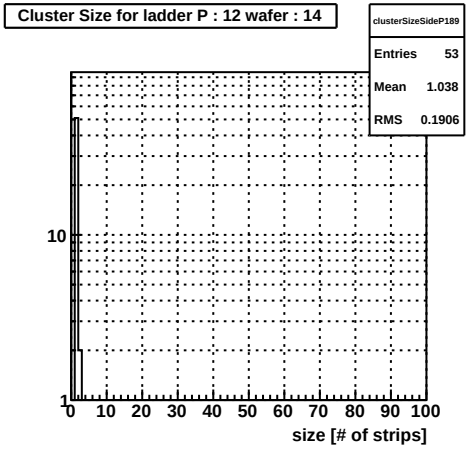

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 11
Mean 1
RMS 0
size [# of strips]

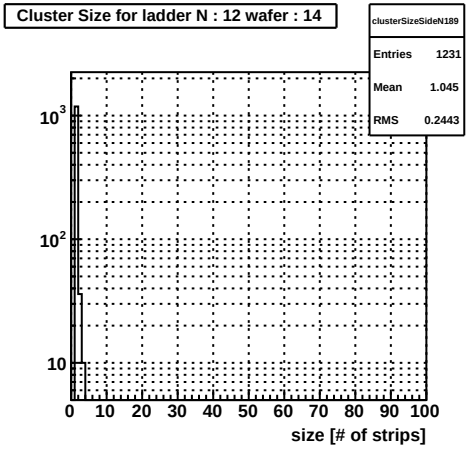

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 118
Mean 1
RMS 0
size [# of strips]

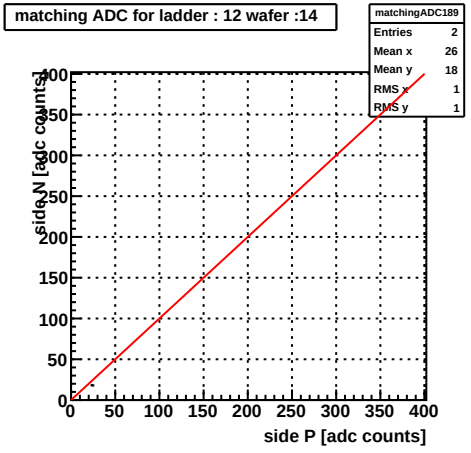

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

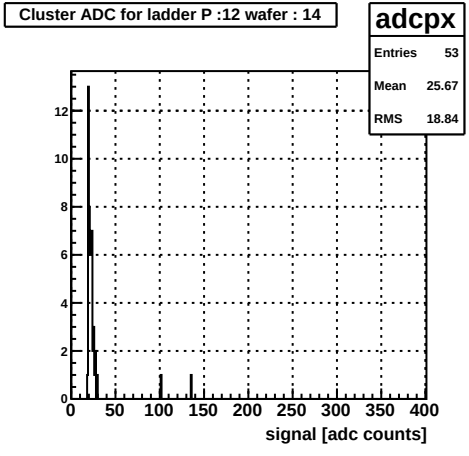

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 11
Mean 29.41
RMS 5.107
signal [adc counts]

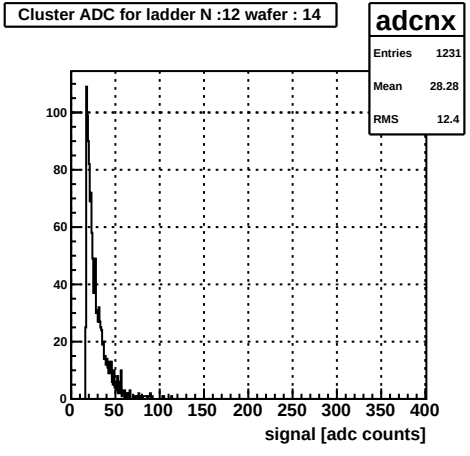

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 118
Mean 21.46
RMS 2.889
signal [adc counts]

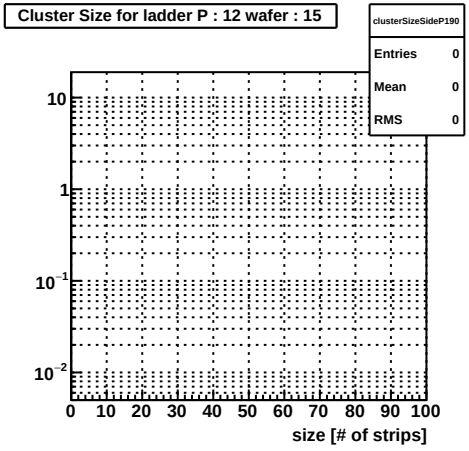

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 53
Mean 1.038
RMS 0.1906
size [# of strips]

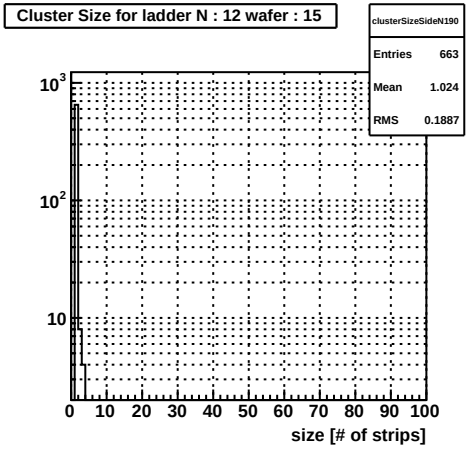

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1231
Mean 1.045
RMS 0.2443
size [# of strips]

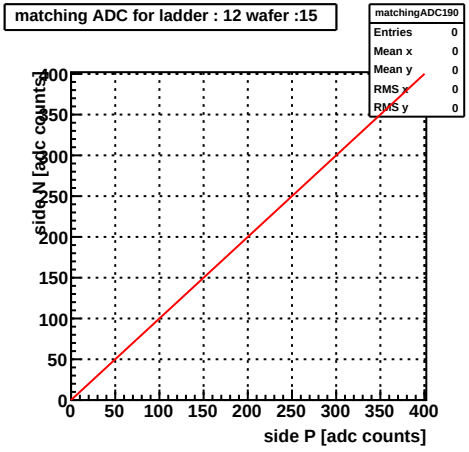

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2
Mean x 26
Mean y 18
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

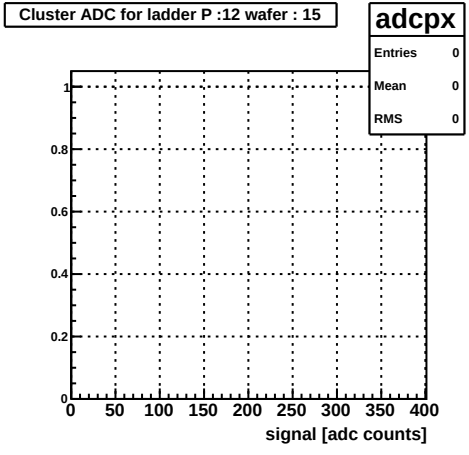

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 53
Mean 25.67
RMS 18.84
signal [adc counts]

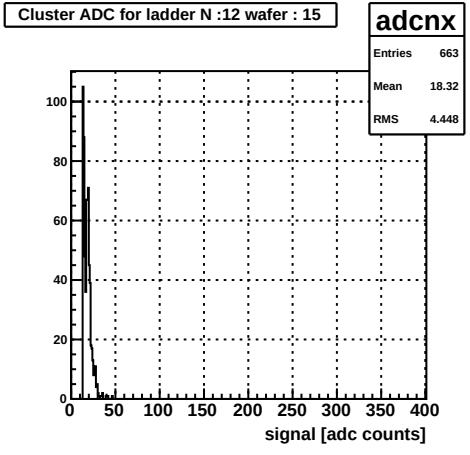

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1231
Mean 28.28
RMS 12.4
signal [adc counts]

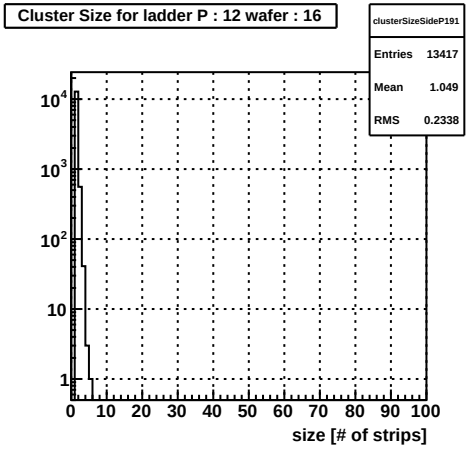

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 0
Mean 0
RMS 0
size [# of strips]

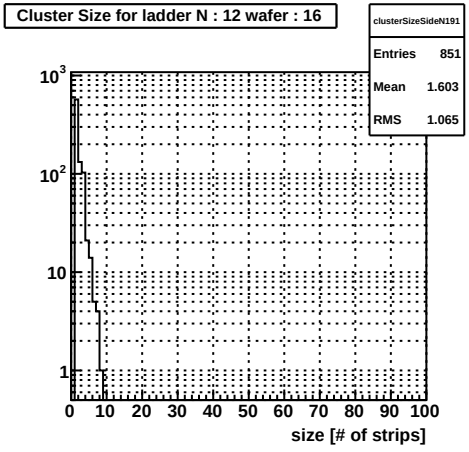

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 663
Mean 1.024
RMS 0.1887
size [# of strips]

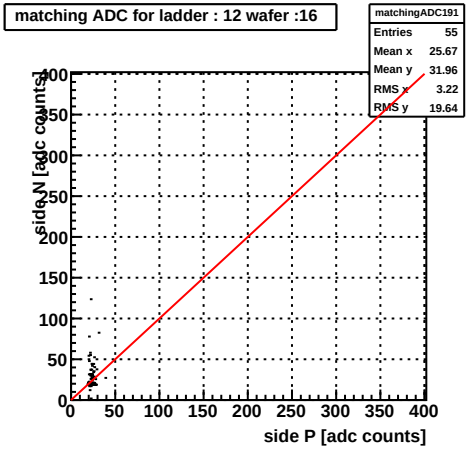

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

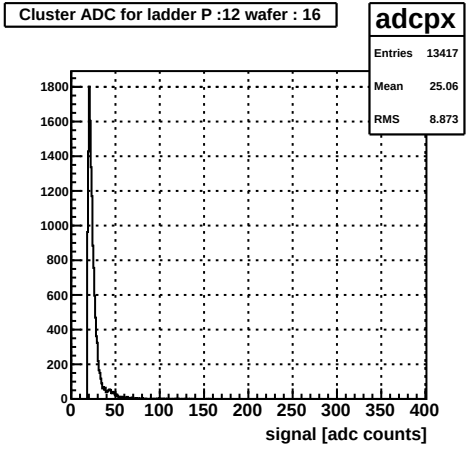

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

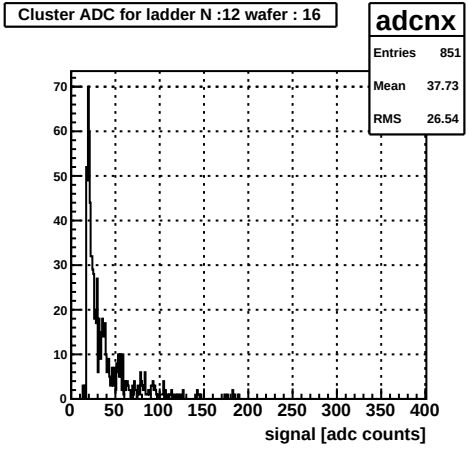

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 663
Mean 18.32
RMS 4.448
signal [adc counts]

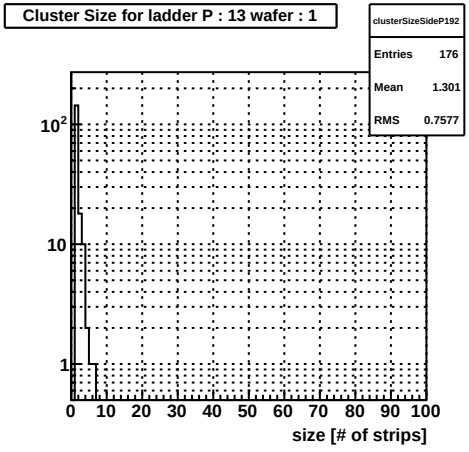

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 13417
Mean 1.049
RMS 0.2338
size [# of strips]

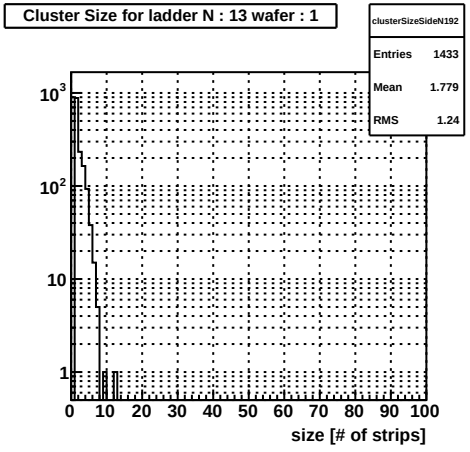

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 851
Mean 1.603
RMS 1.065
size [# of strips]

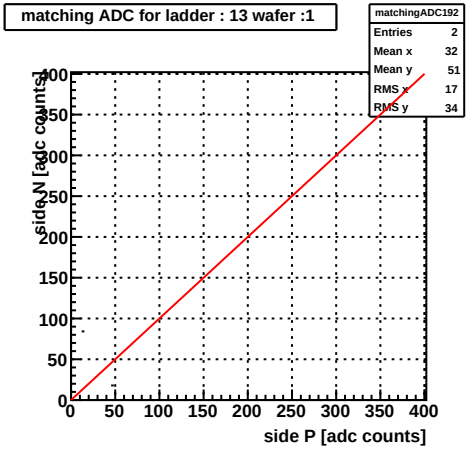

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 55
Mean x 25.67
Mean y 31.96
RMS x 3.22
RMS y 19.64
side N [adc counts]
side P [adc counts]

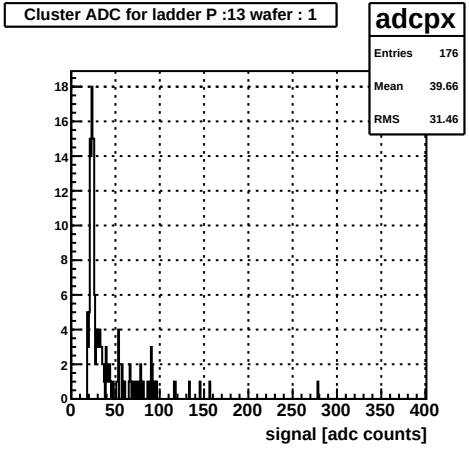

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 13417
Mean 25.06
RMS 8.873
signal [adc counts]

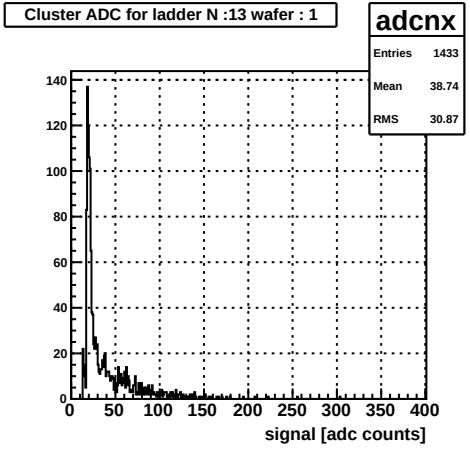

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 851
Mean 37.73
RMS 26.54
signal [adc counts]

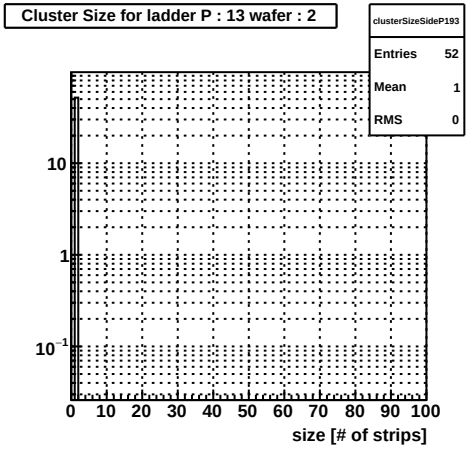

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 176
Mean 1.301
RMS 0.7577
size [# of strips]

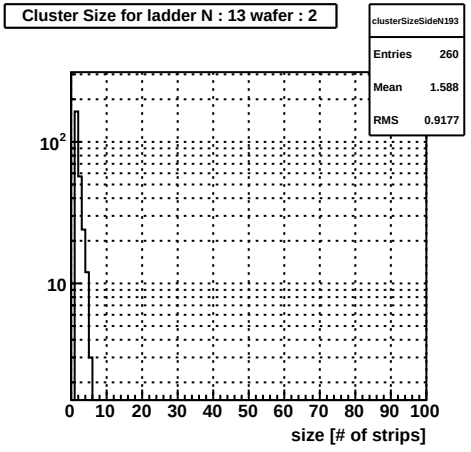

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1433
Mean 1.779
RMS 1.24
size [# of strips]

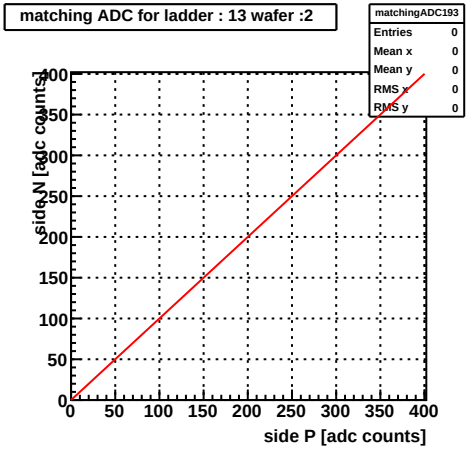

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2
Mean x 32
Mean y 51
RMS x 17
RMS y 34
side N [adc counts]
side P [adc counts]

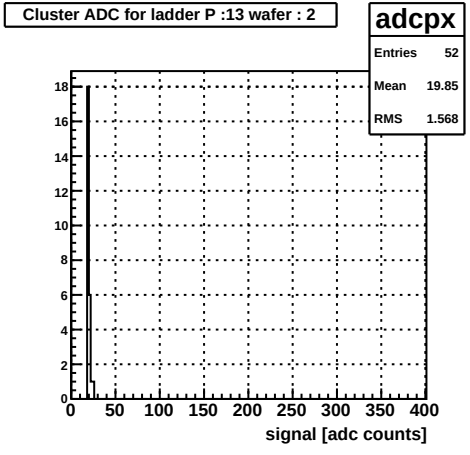

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 176
Mean 39.66
RMS 31.46
signal [adc counts]

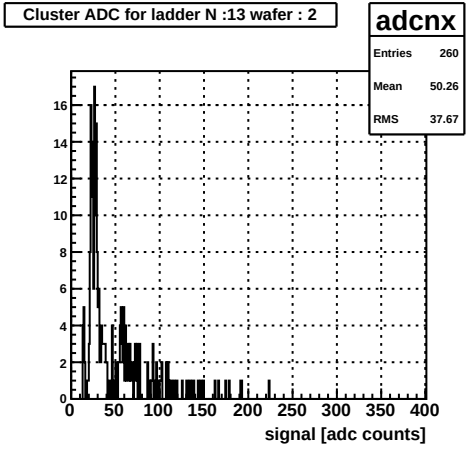

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1433
Mean 38.74
RMS 30.87
signal [adc counts]

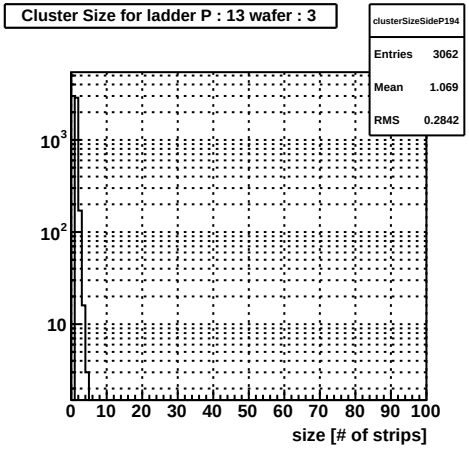

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 52
Mean 1
RMS 0
size [# of strips]

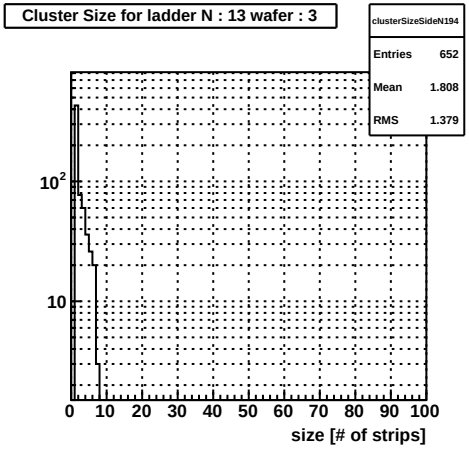

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 260
Mean 1.588
RMS 0.9177
size [# of strips]

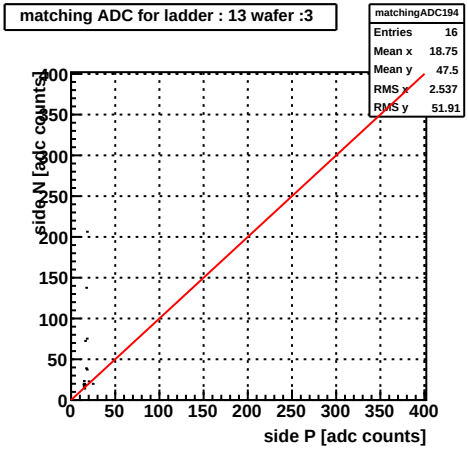

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

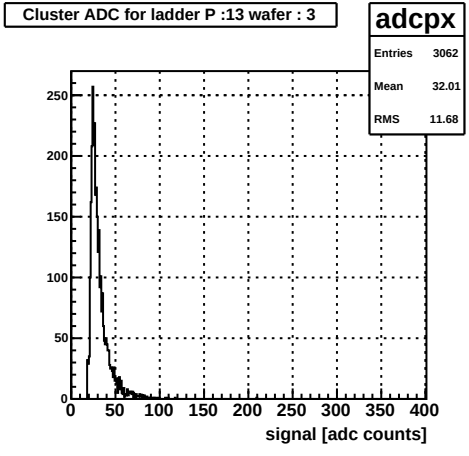

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 52
Mean 19.85
RMS 1.568
signal [adc counts]

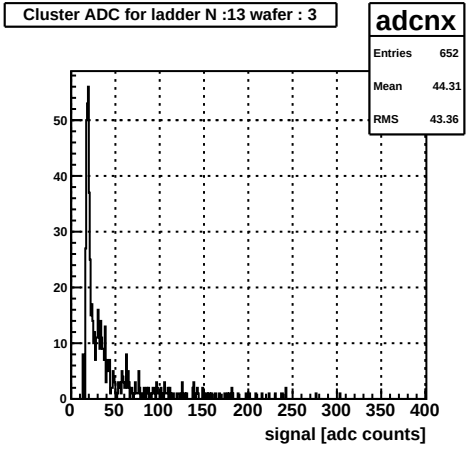

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 260
Mean 50.26
RMS 37.67
signal [adc counts]

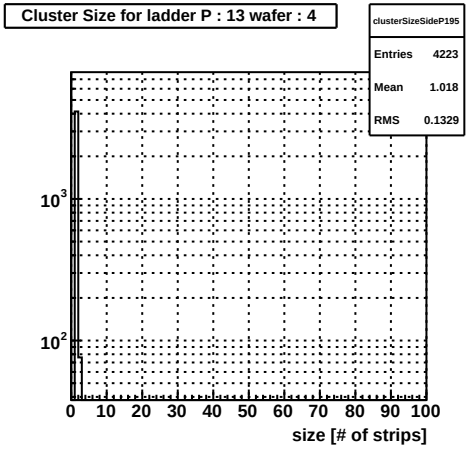

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3062
Mean 1.069
RMS 0.2842
size [# of strips]

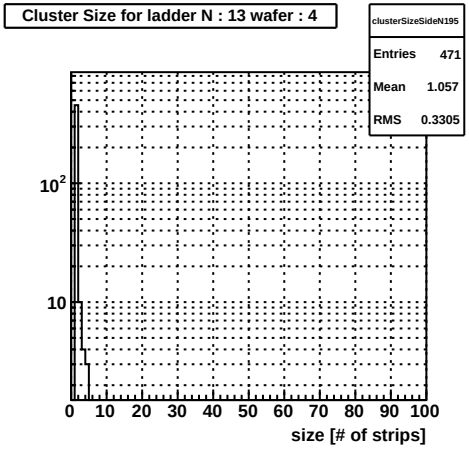

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 652
Mean 1.808
RMS 1.379
size [# of strips]

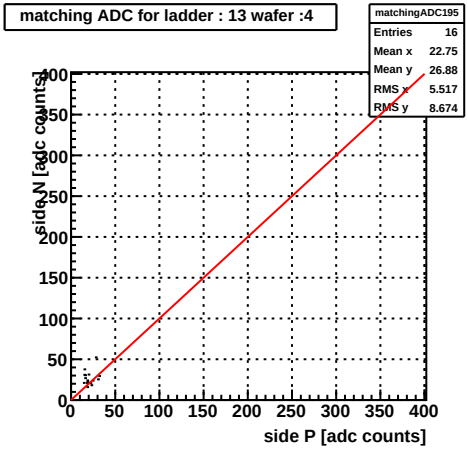

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 16
Mean x 18.75
Mean y 47.5
RMS x 2.537
RMS y 51.91
side N [adc counts]
side P [adc counts]

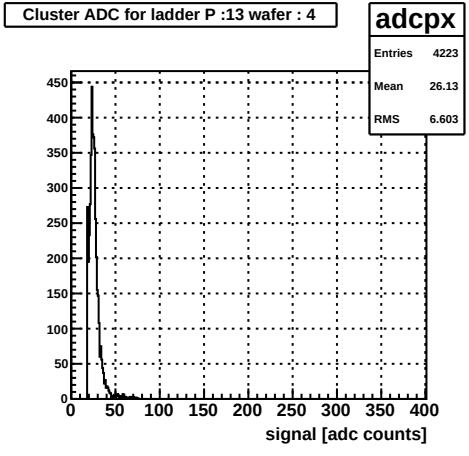

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3062
Mean 32.01
RMS 11.68
signal [adc counts]

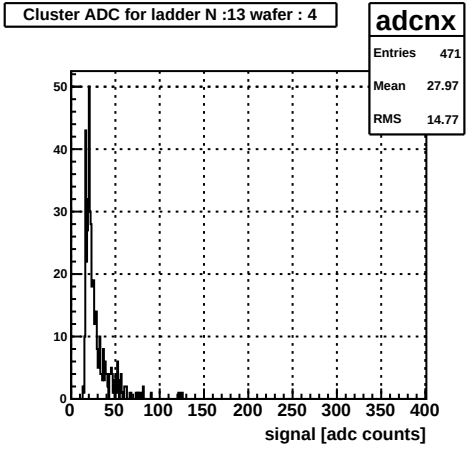

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 652
Mean 44.31
RMS 43.36
signal [adc counts]

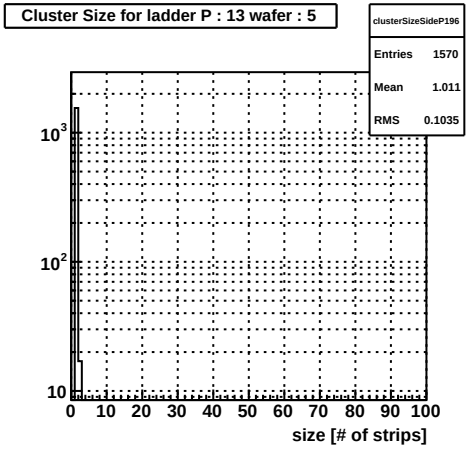

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4223
Mean 1.018
RMS 0.1329
size [# of strips]

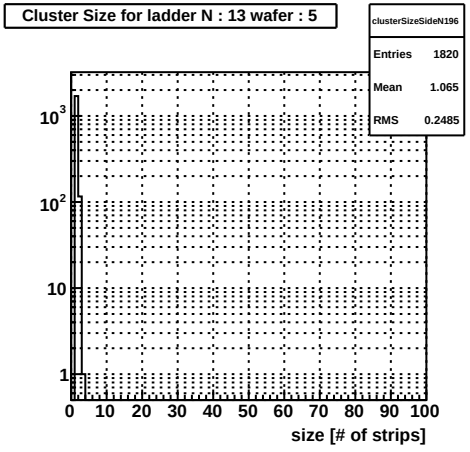

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 471
Mean 1.057
RMS 0.3305
size [# of strips]

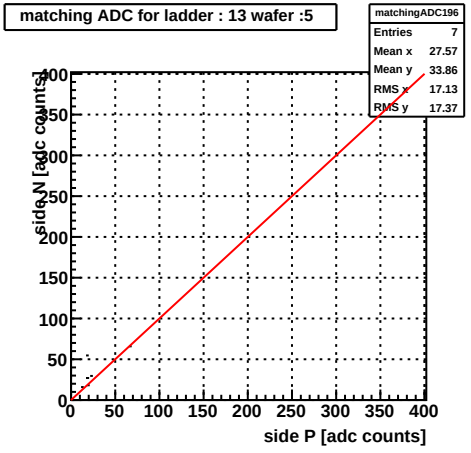

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 16
Mean x 22.75
Mean y 26.88
RMS x 5.517
RMS y 8.674
side N [adc counts]
side P [adc counts]

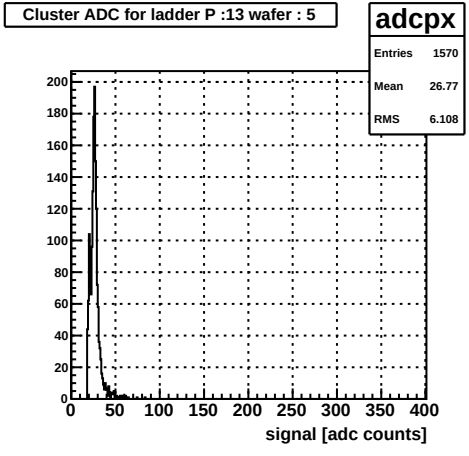

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4223
Mean 26.13
RMS 6.603
signal [adc counts]

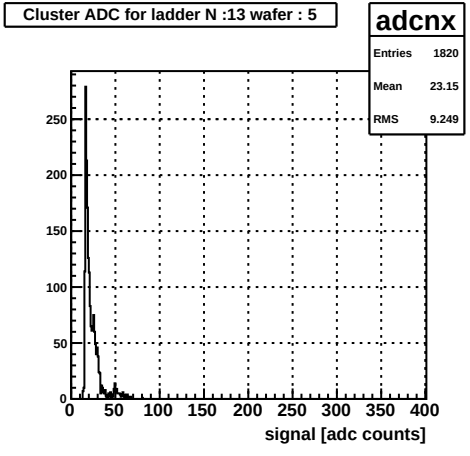

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 471
Mean 27.97
RMS 14.77
signal [adc counts]

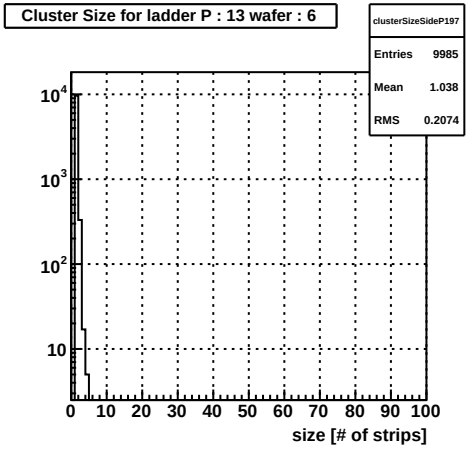

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 1570
Mean 1.011
RMS 0.1035
size [# of strips]

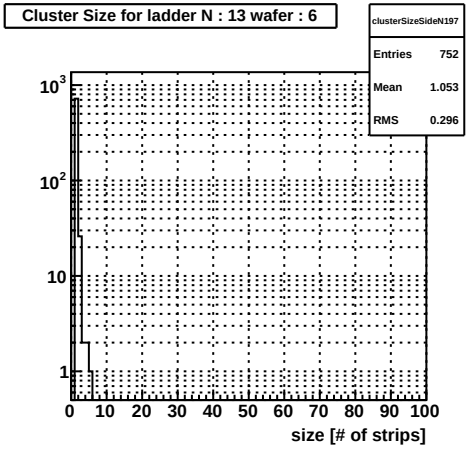

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1820
Mean 1.065
RMS 0.2485
size [# of strips]

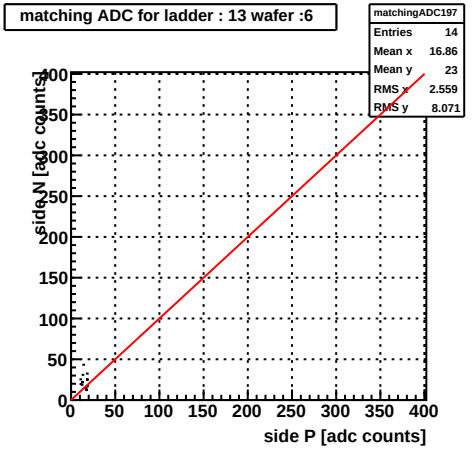

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7
Mean x 27.57
Mean y 33.86
RMS x 17.13
RMS y 17.37
side N [adc counts]
side P [adc counts]

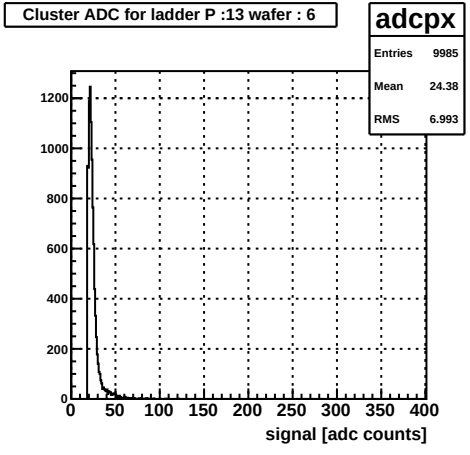

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 1570
Mean 26.77
RMS 6.108
signal [adc counts]

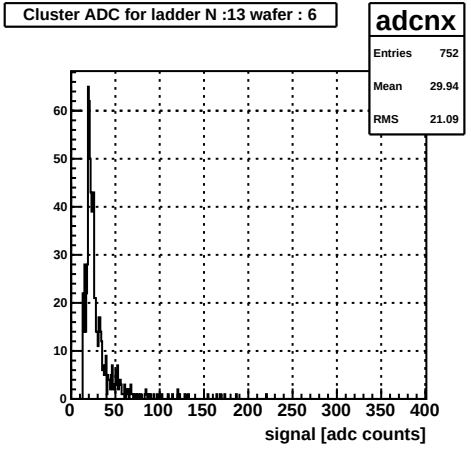

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1820
Mean 23.15
RMS 9.249
signal [adc counts]

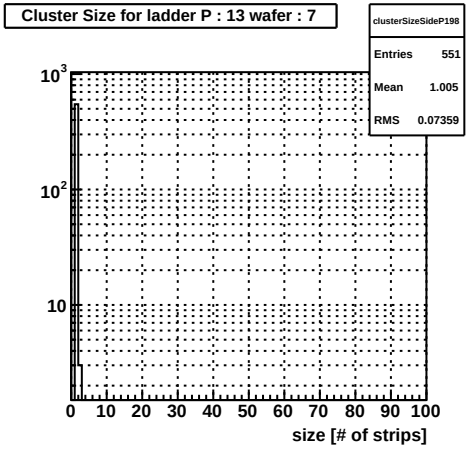

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 9985
Mean 1.038
RMS 0.2074
size [# of strips]

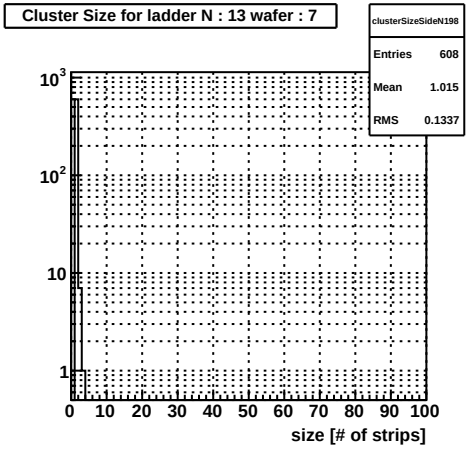

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 752
Mean 1.053
RMS 0.296
size [# of strips]

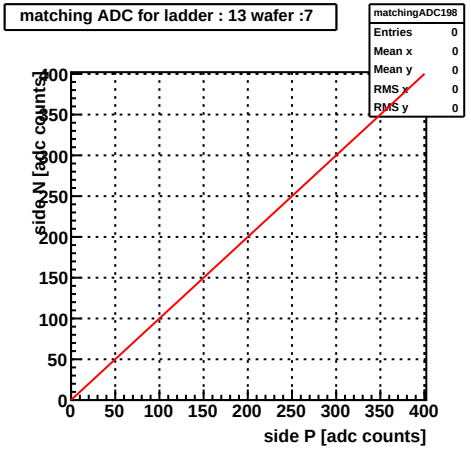

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 14
Mean x 16.86
Mean y 23
RMS x 2.559
RMS y 8.071
side N [adc counts]
side P [adc counts]

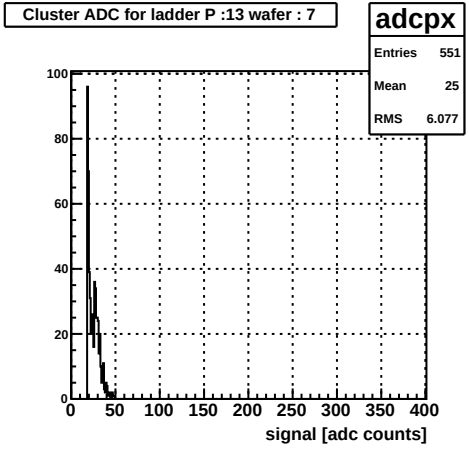

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 9985
Mean 24.38
RMS 6.993
signal [adc counts]

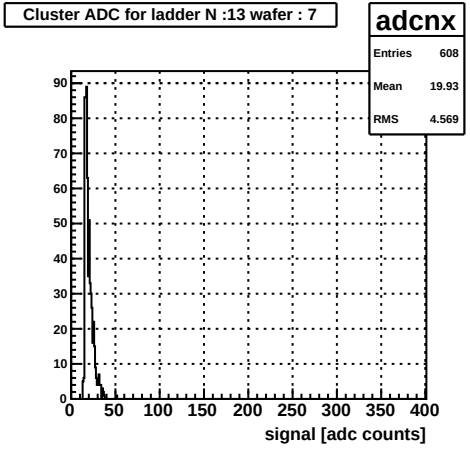

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 752
Mean 29.94
RMS 21.09
signal [adc counts]

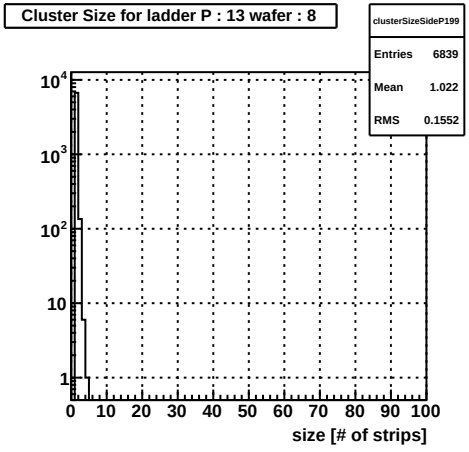

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 551
Mean 1.005
RMS 0.07359
size [# of strips]

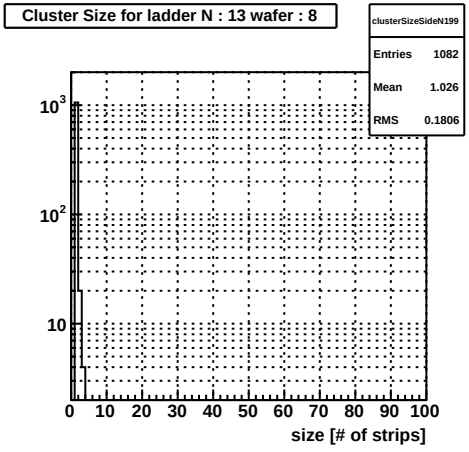

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 608
Mean 1.015
RMS 0.1337
size [# of strips]

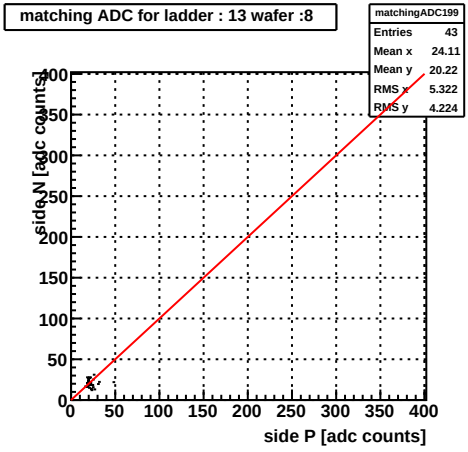

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

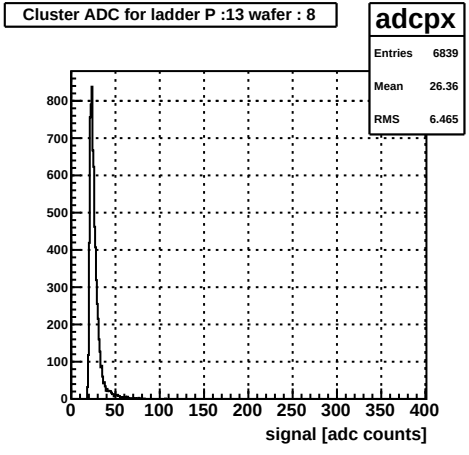

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 551
Mean 25
RMS 6.077
signal [adc counts]

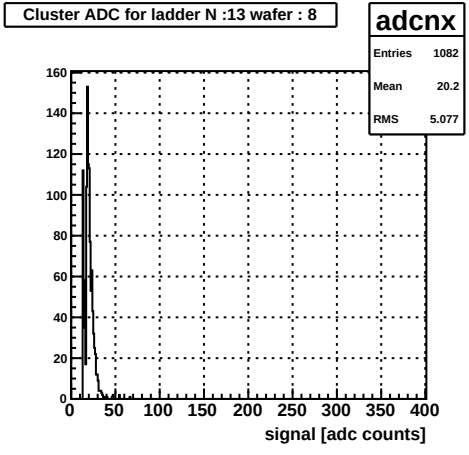

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 608
Mean 19.93
RMS 4.569
signal [adc counts]

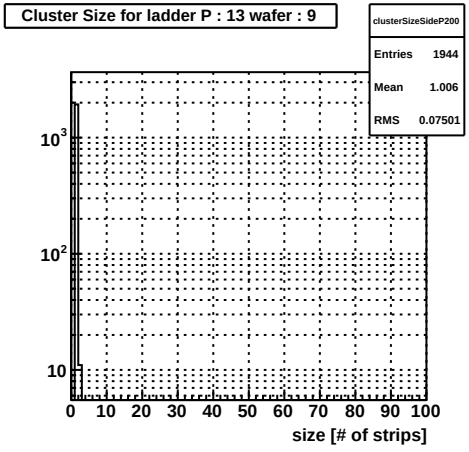

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6839
Mean 1.022
RMS 0.1552
size [# of strips]

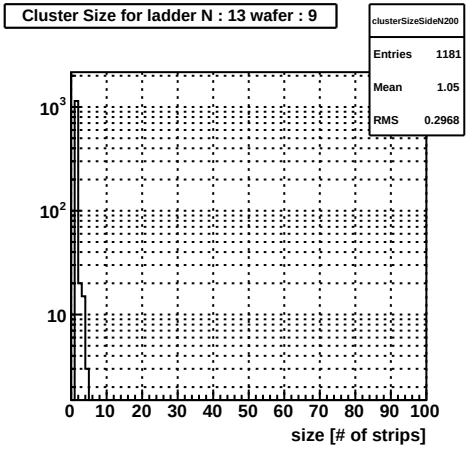

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1082
Mean 1.026
RMS 0.1806
size [# of strips]

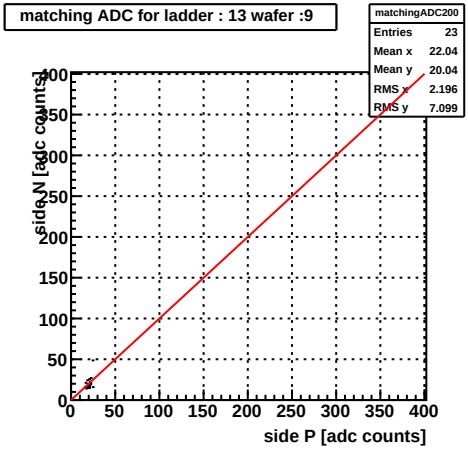

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 43
Mean x 24.11
Mean y 20.22
RMS x 5.322
RMS y 4.224
side N [adc counts]
side P [adc counts]

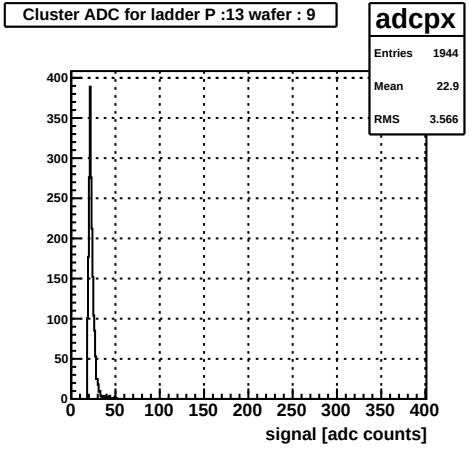

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6839
Mean 26.36
RMS 6.465
signal [adc counts]

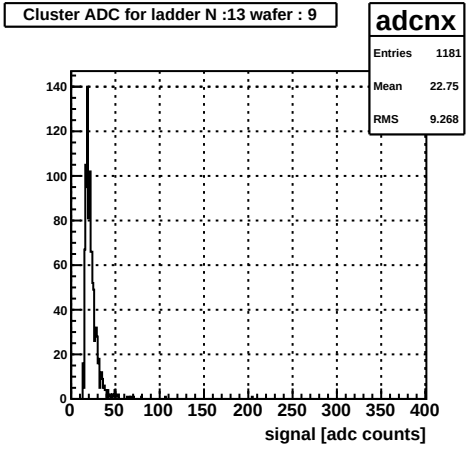

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1082
Mean 20.2
RMS 5.077
signal [adc counts]

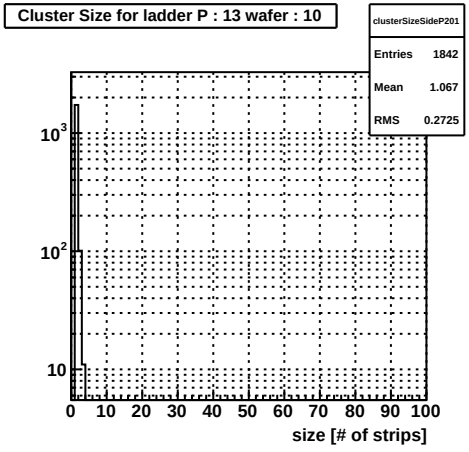

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 1944
Mean 1.006
RMS 0.07501
size [# of strips]

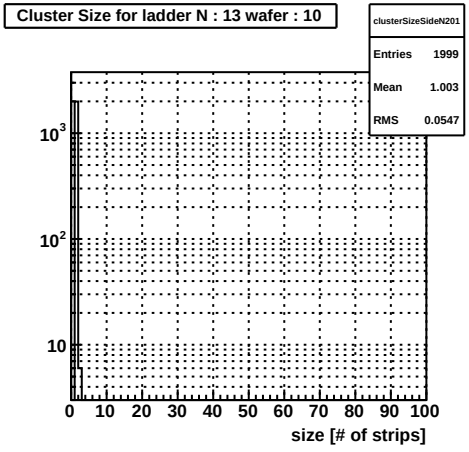

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 1181
Mean 1.05
RMS 0.2968
size [# of strips]

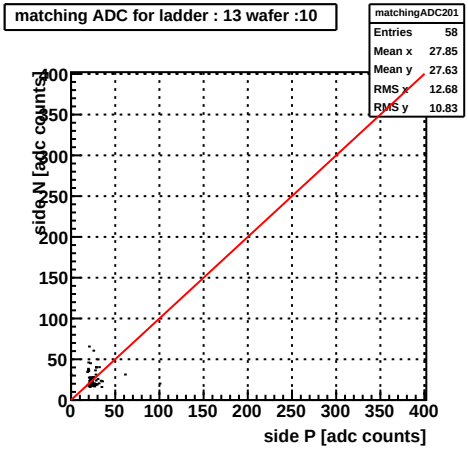

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 23
Mean x 22.04
Mean y 20.04
RMS x 2.196
RMS y 7.099
side N [adc counts]
side P [adc counts]

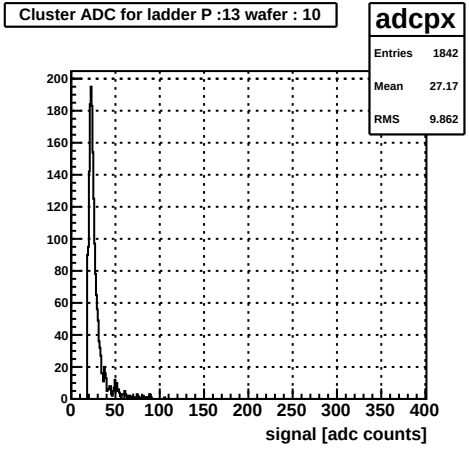

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 1944
Mean 22.9
RMS 3.566
signal [adc counts]

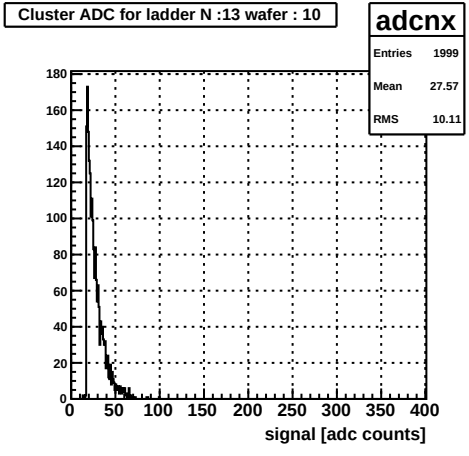

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 1181
Mean 22.75
RMS 9.268
signal [adc counts]

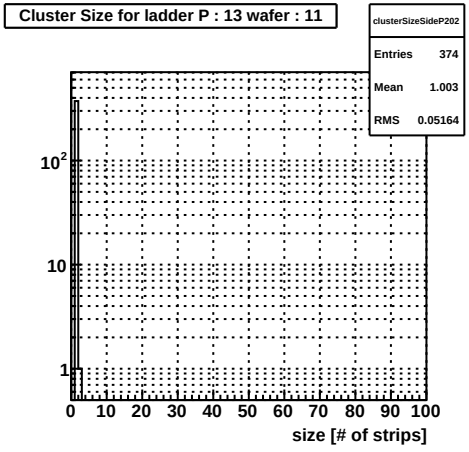

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1842
Mean 1.067
RMS 0.2725
size [# of strips]

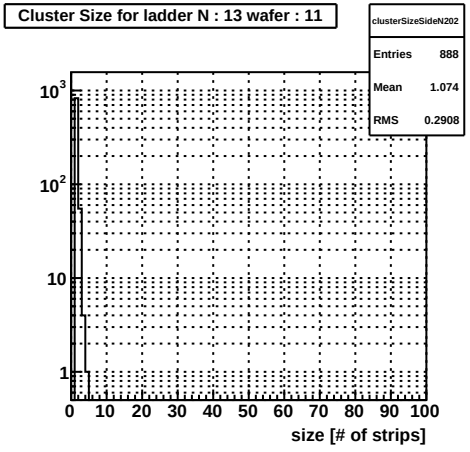

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1999
Mean 1.003
RMS 0.0547
size [# of strips]

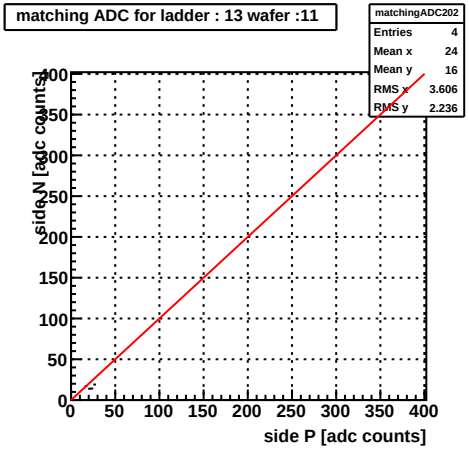

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 58
Mean x 27.85
Mean y 27.63
RMS x 12.68
RMS y 10.83
side N [adc counts]
side P [adc counts]

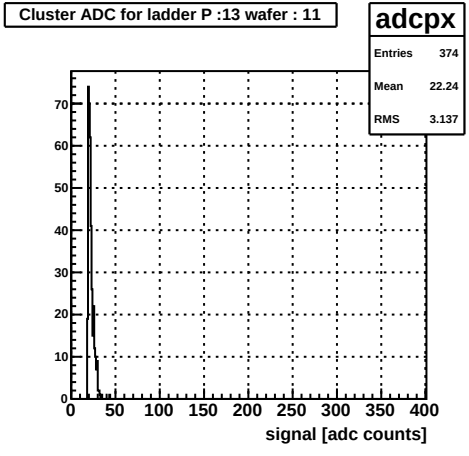

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1842
Mean 27.17
RMS 9.862
signal [adc counts]

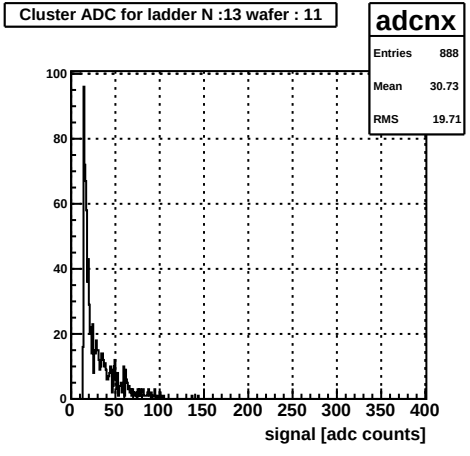

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1999
Mean 27.57
RMS 10.11
signal [adc counts]

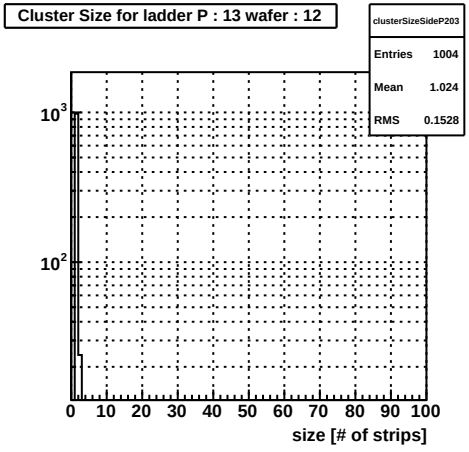

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 374
Mean 1.003
RMS 0.05164
size [# of strips]

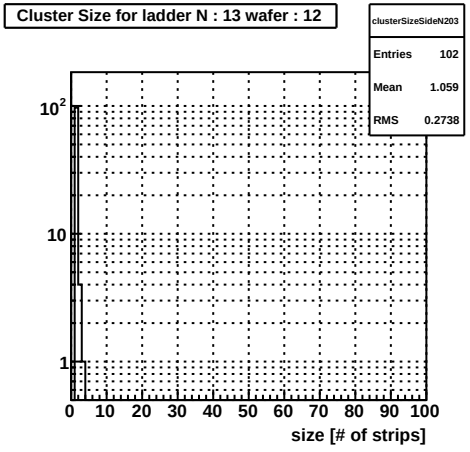

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 888
Mean 1.074
RMS 0.2908
size [# of strips]

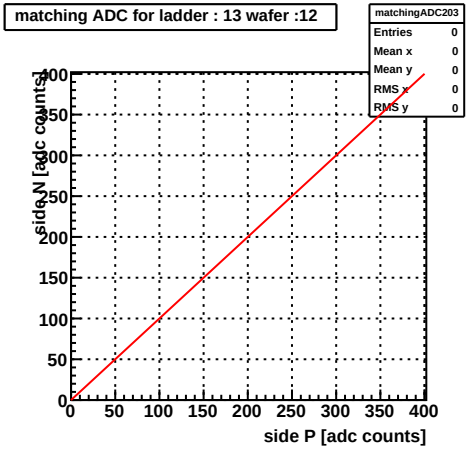

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 4
Mean x 24
Mean y 16
RMS x 3.606
RMS y 2.236
side N [adc counts]
side P [adc counts]

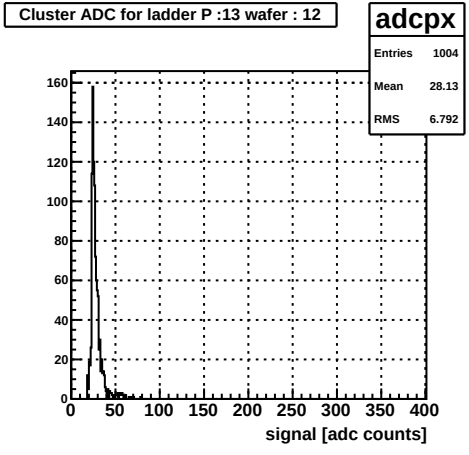

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 374
Mean 22.24
RMS 3.137
signal [adc counts]

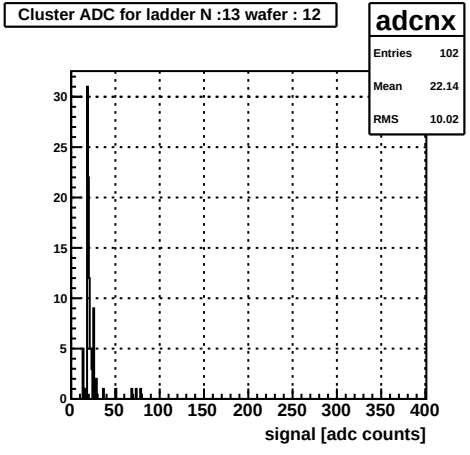

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 888
Mean 30.73
RMS 19.71
signal [adc counts]

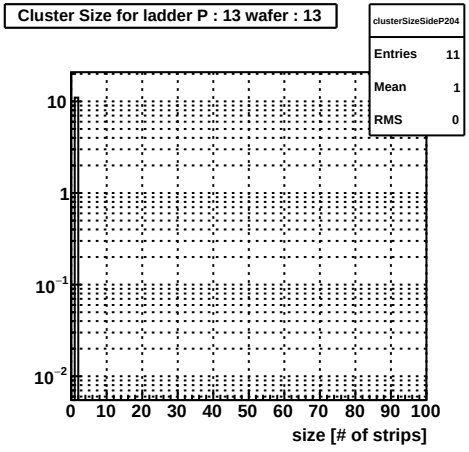

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1004
Mean 1.024
RMS 0.1528
size [# of strips]

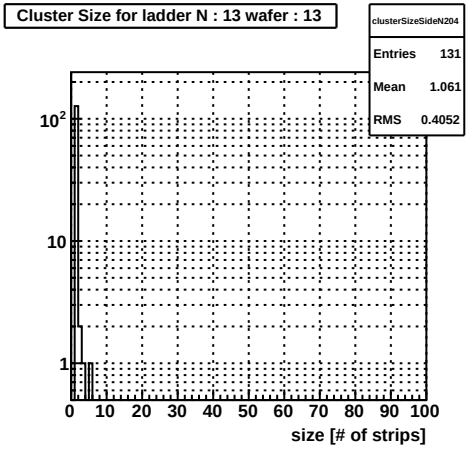

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 102
Mean 1.059
RMS 0.2738
size [# of strips]

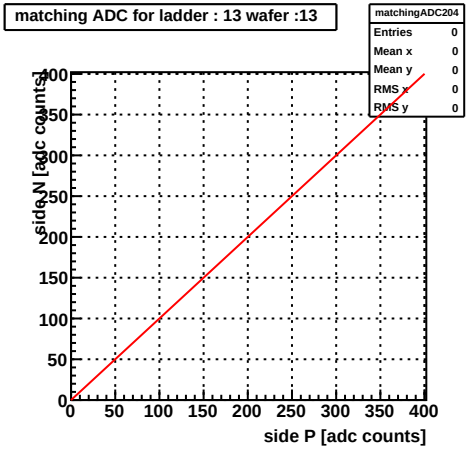

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

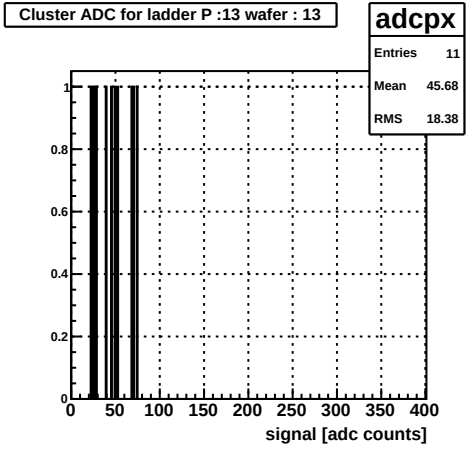

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1004
Mean 28.13
RMS 6.792
signal [adc counts]

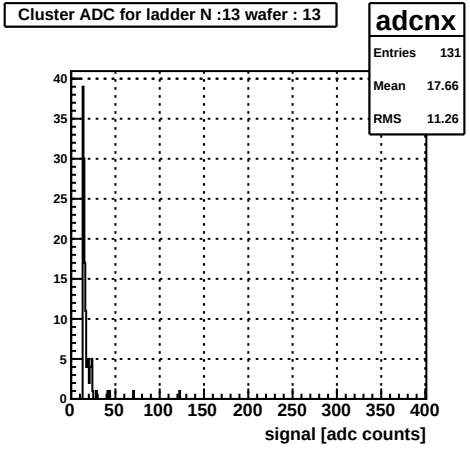

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 102
Mean 22.14
RMS 10.02
signal [adc counts]

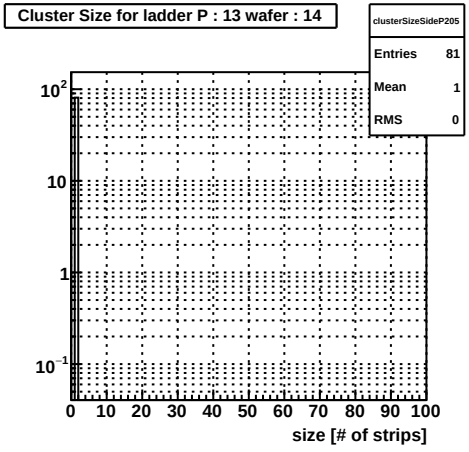

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 11
Mean 1
RMS 0
size [# of strips]

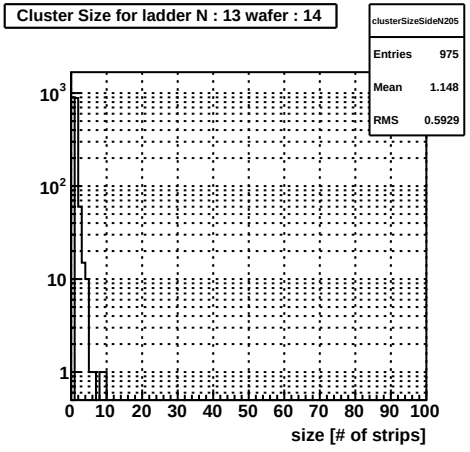

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 131
Mean 1.061
RMS 0.4052
size [# of strips]

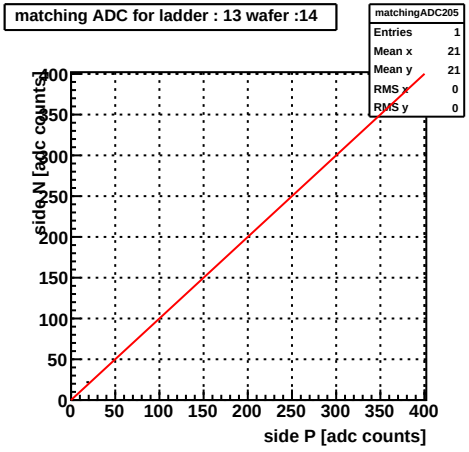

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

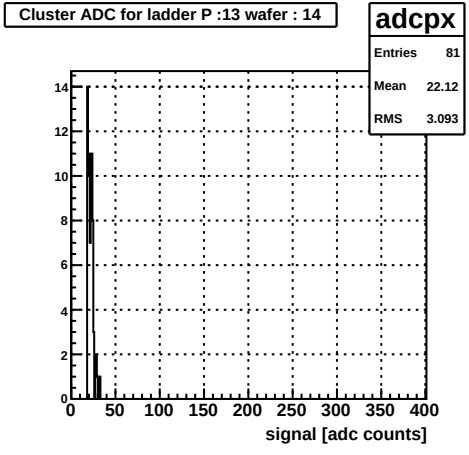

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 11
Mean 45.68
RMS 18.38
signal [adc counts]

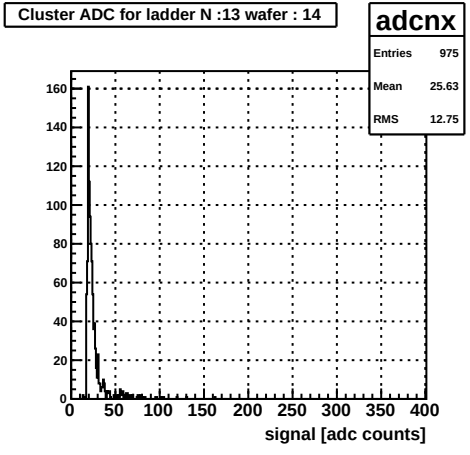

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 131
Mean 17.66
RMS 11.26
signal [adc counts]

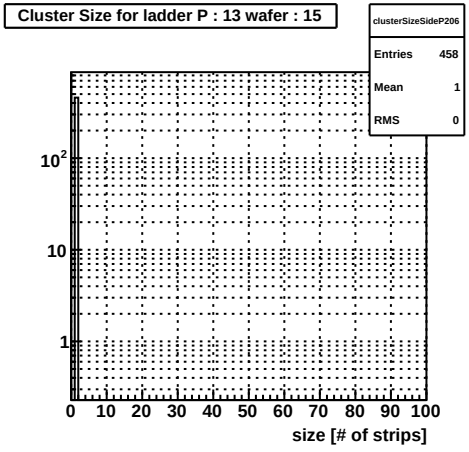

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 81
Mean 1
RMS 0
size [# of strips]

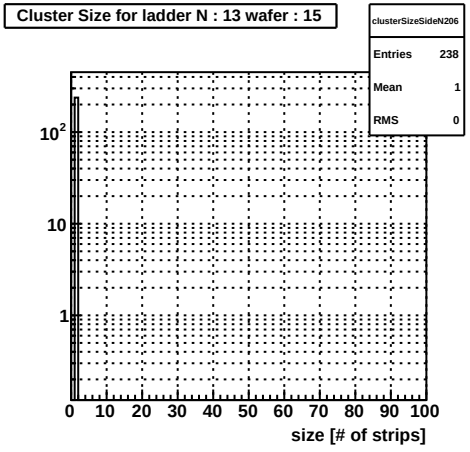

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 975
Mean 1.148
RMS 0.5929
size [# of strips]

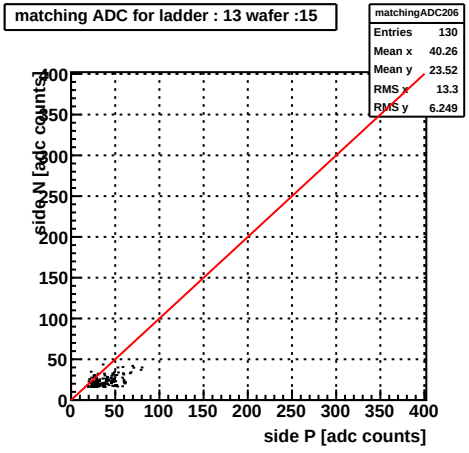

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1
Mean x 21
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

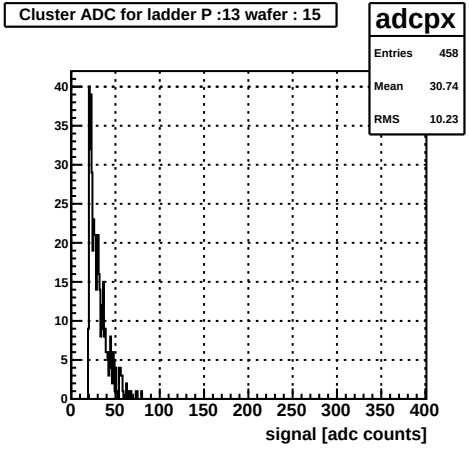

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 81
Mean 22.12
RMS 3.093
signal [adc counts]

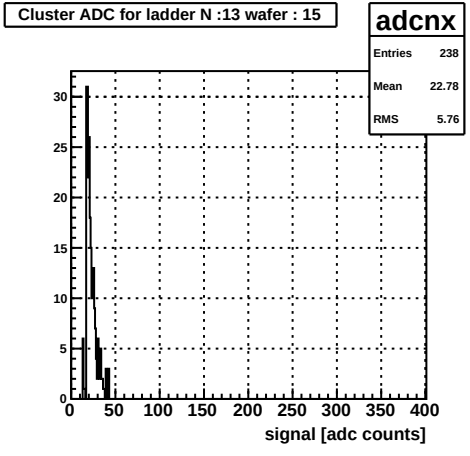

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 975
Mean 25.63
RMS 12.75
signal [adc counts]

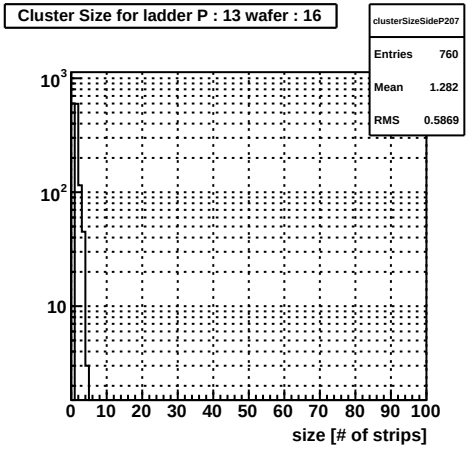

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 458
Mean 1
RMS 0
size [# of strips]

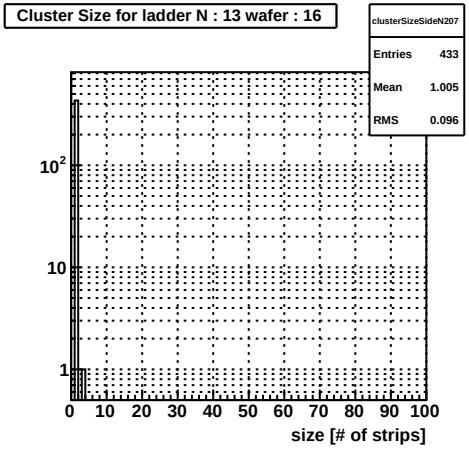

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 238
Mean 1
RMS 0
size [# of strips]

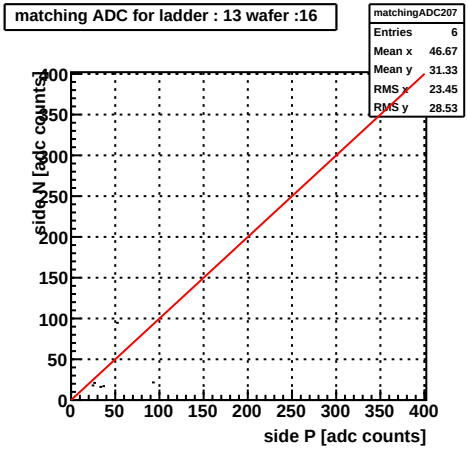

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 130
Mean x 40.26
Mean y 23.52
RMS x 13.3
RMS y 6.249
side N [adc counts]
side P [adc counts]

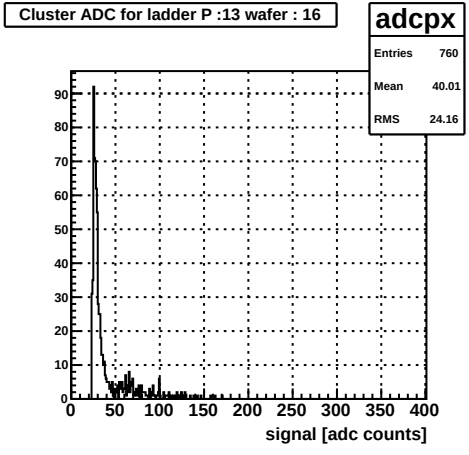

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 458
Mean 30.74
RMS 10.23
signal [adc counts]

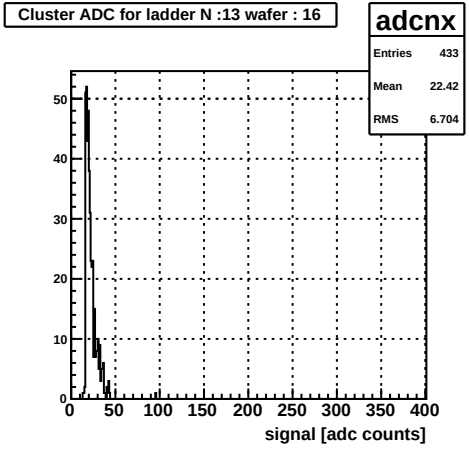

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 238
Mean 22.78
RMS 5.76
signal [adc counts]

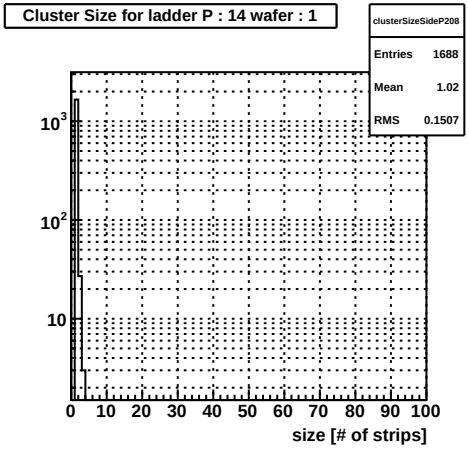

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 760
Mean 1.282
RMS 0.5869
size [# of strips]

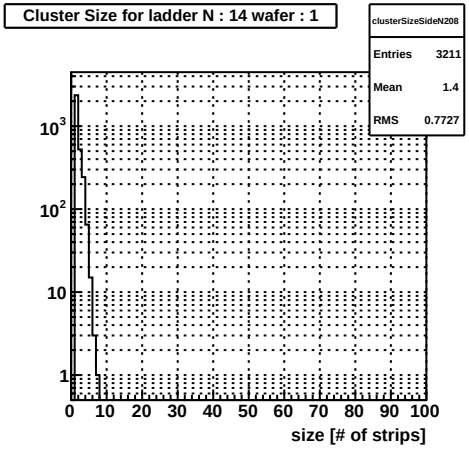

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 433
Mean 1.005
RMS 0.096
size [# of strips]

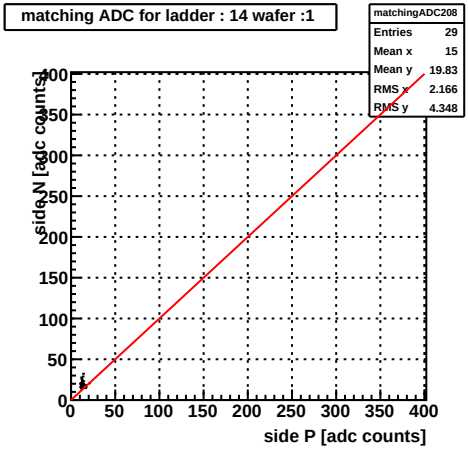

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 6
Mean x 46.67
Mean y 31.33
RMS x 23.45
RMS y 28.53
side N [adc counts]
side P [adc counts]

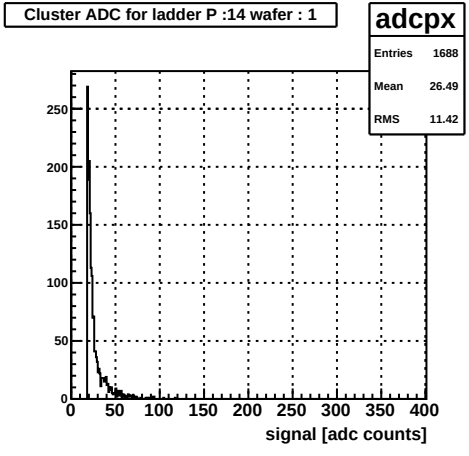

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 760
Mean 40.01
RMS 24.16
signal [adc counts]

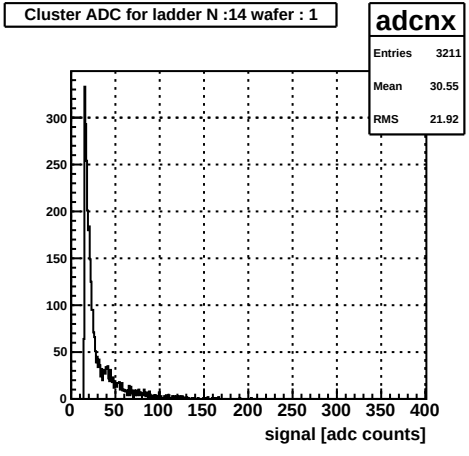

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 433
Mean 22.42
RMS 6.704
signal [adc counts]

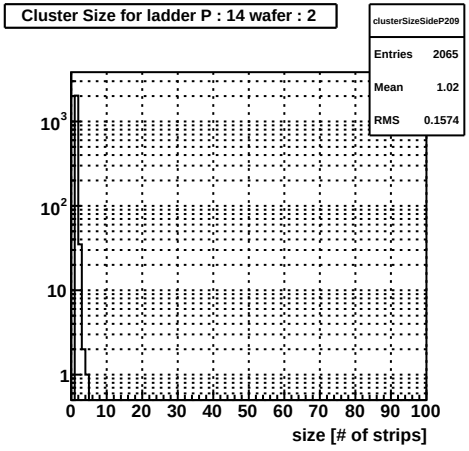

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1688
Mean 1.02
RMS 0.1507
size [# of strips]

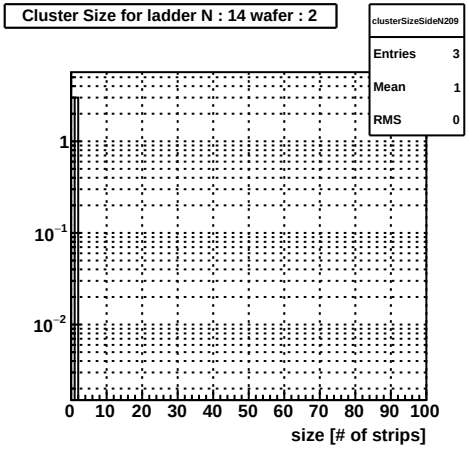

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 3211
Mean 1.4
RMS 0.7727
size [# of strips]

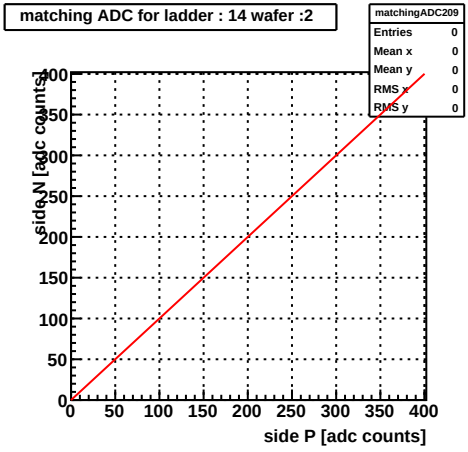

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 29
Mean x 15
Mean y 19.83
RMS x 2.166
RMS y 4.348
side N [adc counts]
side P [adc counts]

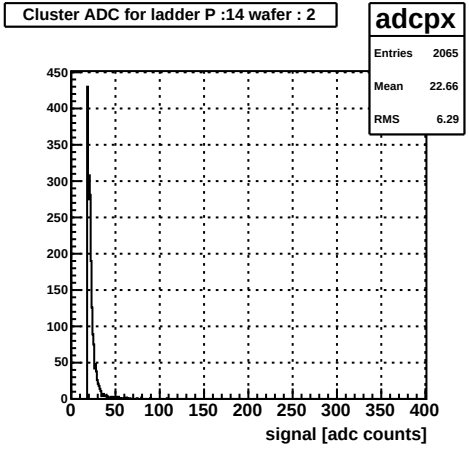

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1688
Mean 26.49
RMS 11.42
signal [adc counts]

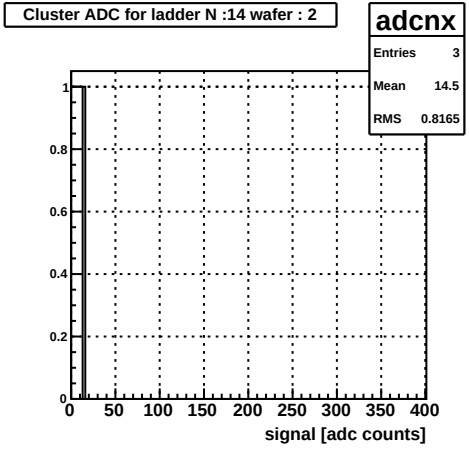

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 3211
Mean 30.55
RMS 21.92
signal [adc counts]

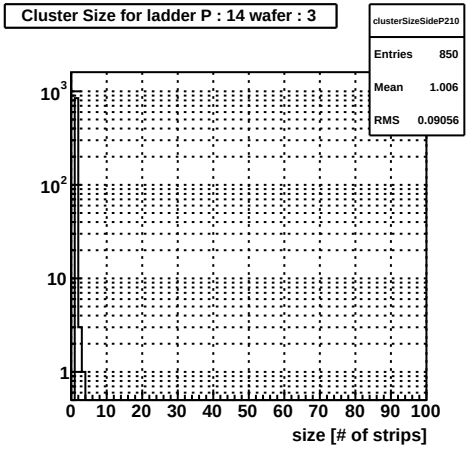

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2065
Mean 1.02
RMS 0.1574
size [# of strips]

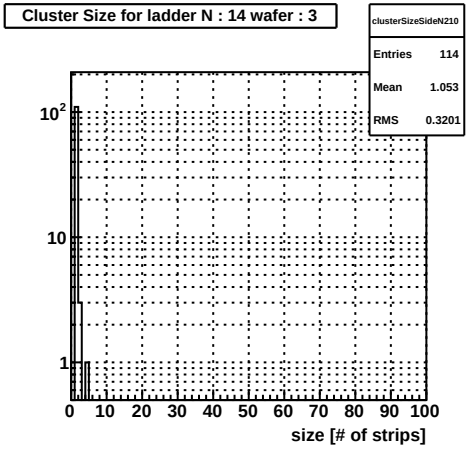

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 3
Mean 1
RMS 0
size [# of strips]

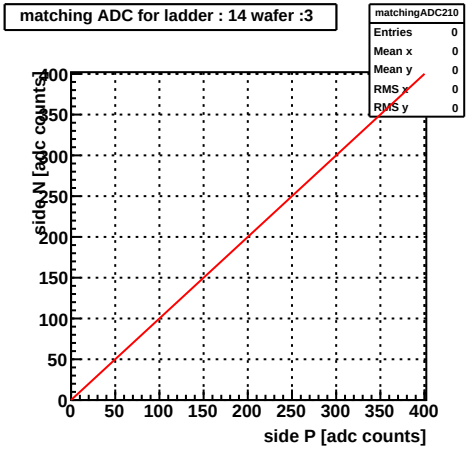

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

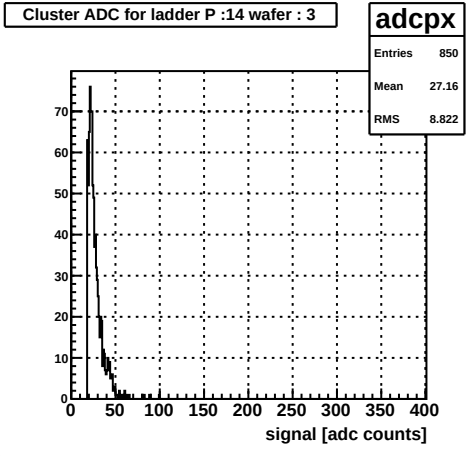

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2065
Mean 22.66
RMS 6.29
signal [adc counts]

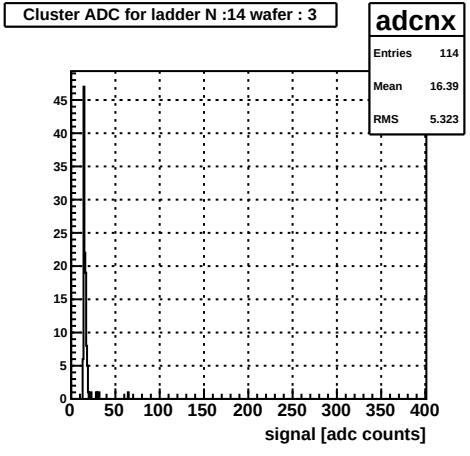

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 3
Mean 14.5
RMS 0.8165
signal [adc counts]

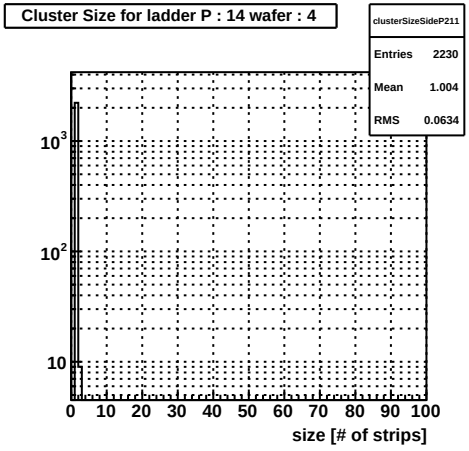

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 850
Mean 1.006
RMS 0.09056
size [# of strips]

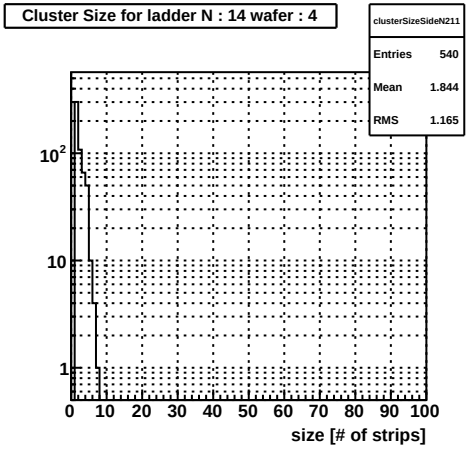

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 114
Mean 1.053
RMS 0.3201
size [# of strips]

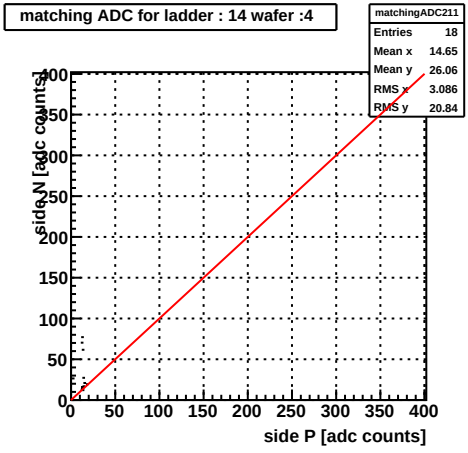

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

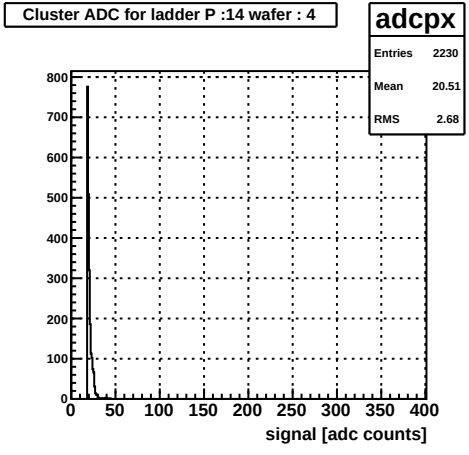

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 850
Mean 27.16
RMS 8.822
signal [adc counts]

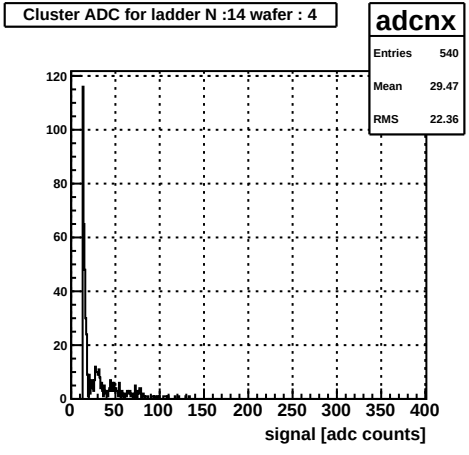

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 114
Mean 16.39
RMS 5.323
signal [adc counts]

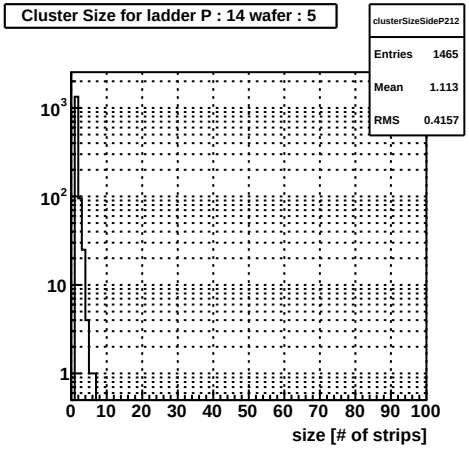

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2230
Mean 1.004
RMS 0.0634
size [# of strips]

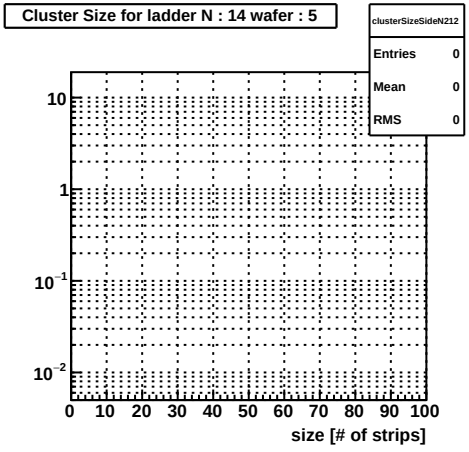

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 540
Mean 1.844
RMS 1.165
size [# of strips]

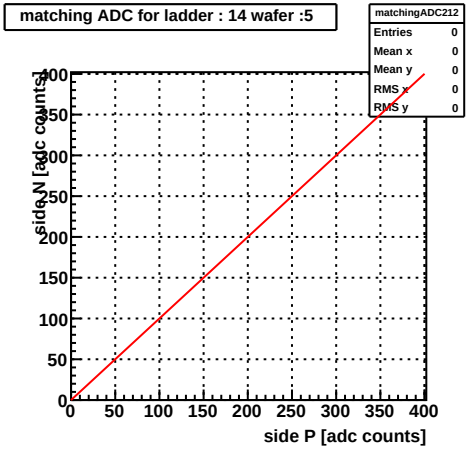

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 18
Mean x 14.65
Mean y 26.06
RMS x 3.086
RMS y 20.84
side N [adc counts]
side P [adc counts]

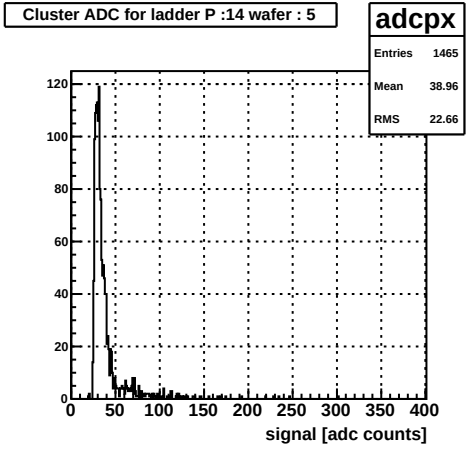

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2230
Mean 20.51
RMS 2.68
signal [adc counts]

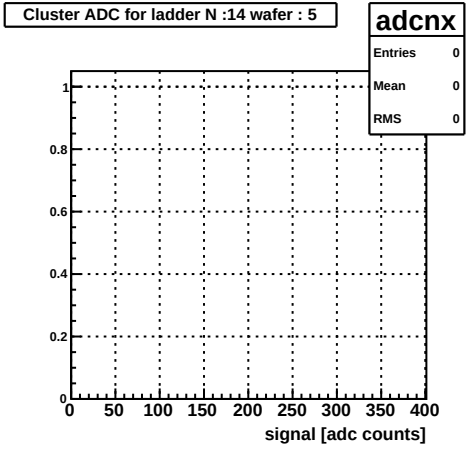

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 540
Mean 29.47
RMS 22.36
signal [adc counts]

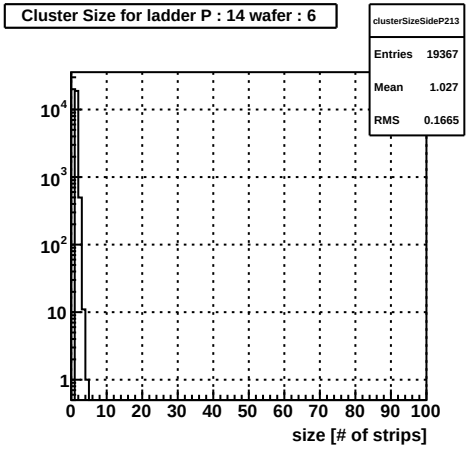

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 1465
Mean 1.113
RMS 0.4157
size [# of strips]

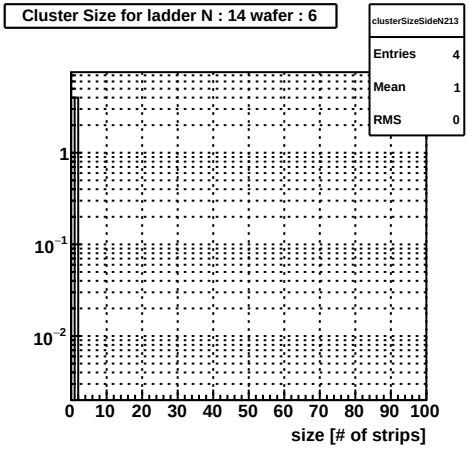

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

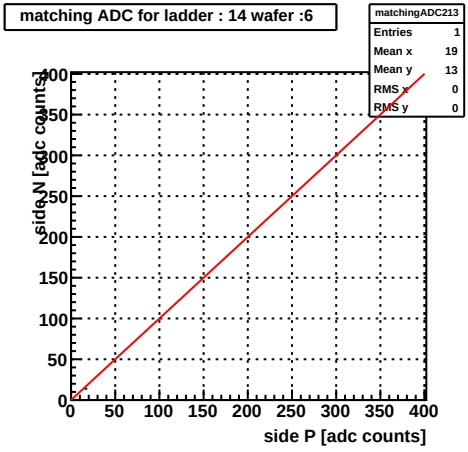

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

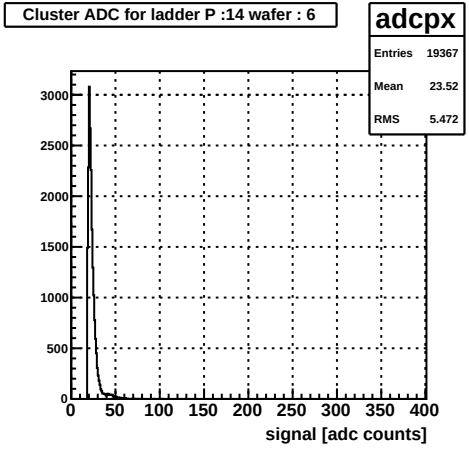

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 1465
Mean 38.96
RMS 22.66
signal [adc counts]

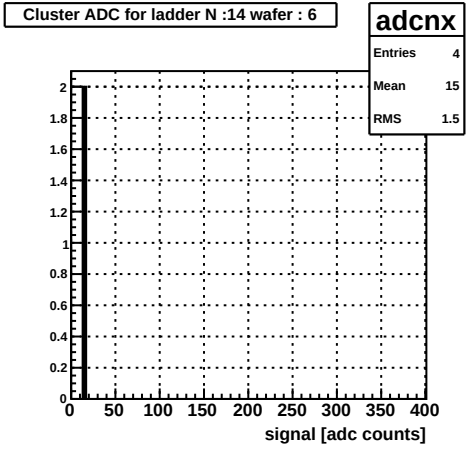

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

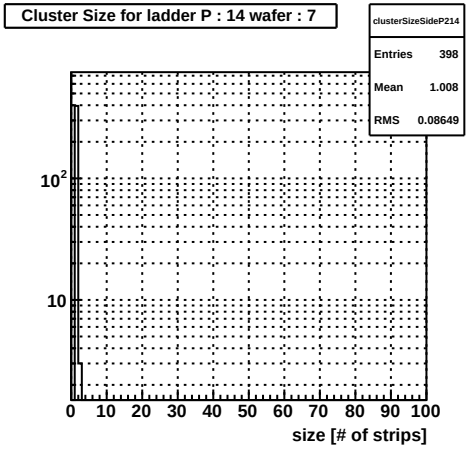

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19367
Mean 1.027
RMS 0.1665
size [# of strips]

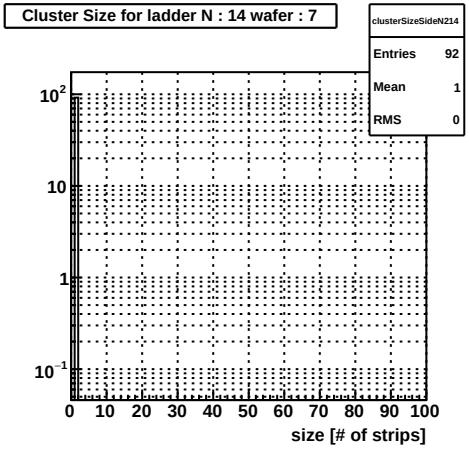

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4
Mean 1
RMS 0
size [# of strips]

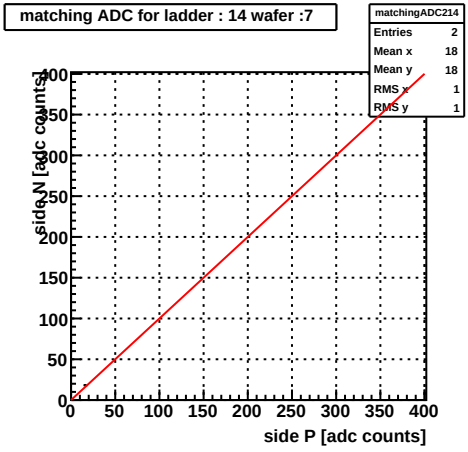

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1
Mean x 19
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

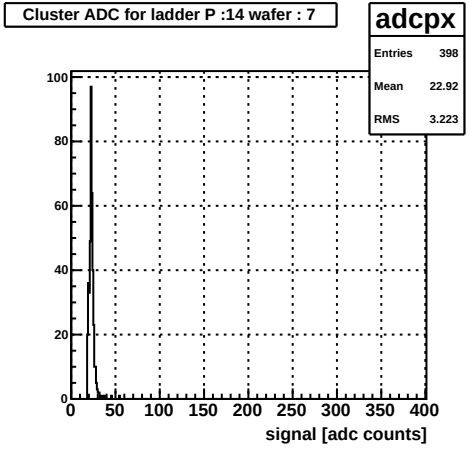

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19367
Mean 23.52
RMS 5.472
signal [adc counts]

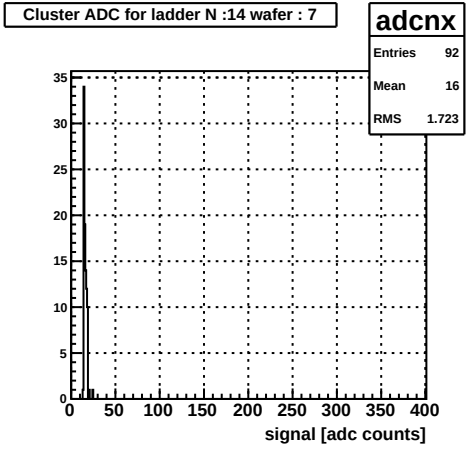

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4
Mean 15
RMS 1.5
signal [adc counts]

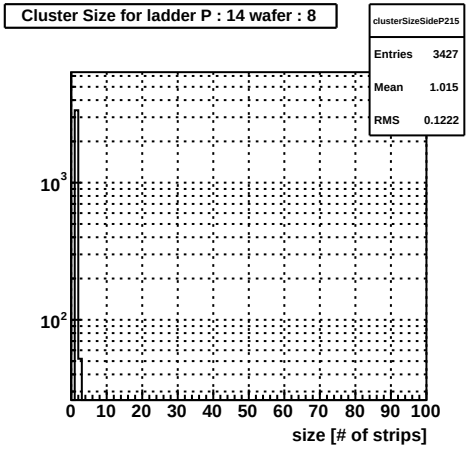

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 398
Mean 1.008
RMS 0.08649
size [# of strips]

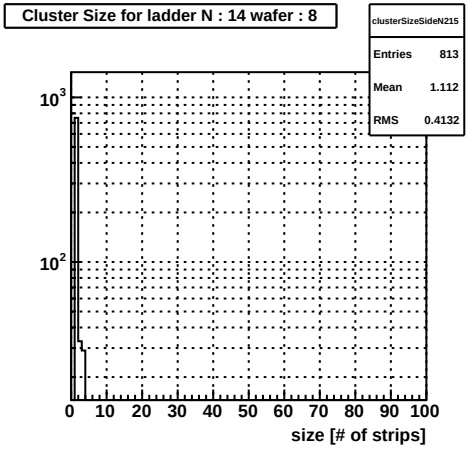

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 92
Mean 1
RMS 0
size [# of strips]

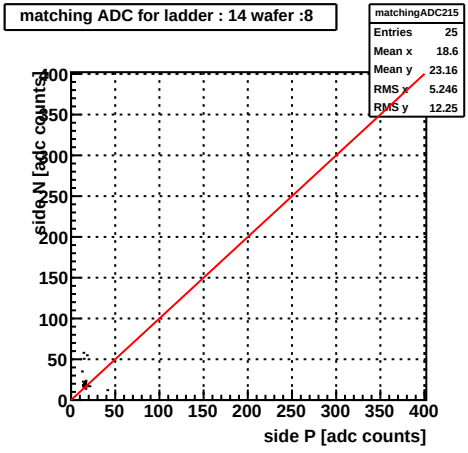

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 2
Mean x 18
Mean y 18
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

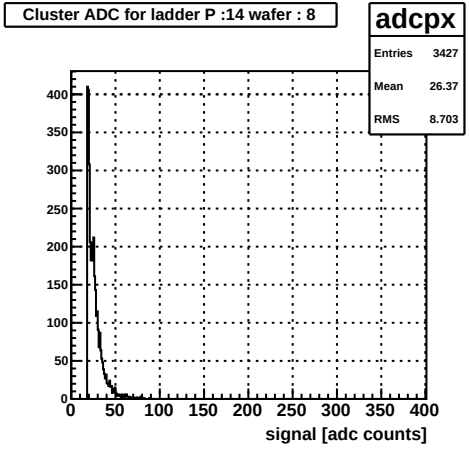

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 398
Mean 22.92
RMS 3.223
signal [adc counts]

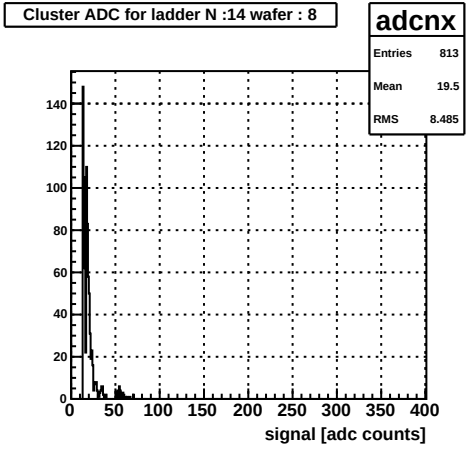

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 92
Mean 16
RMS 1.723
signal [adc counts]

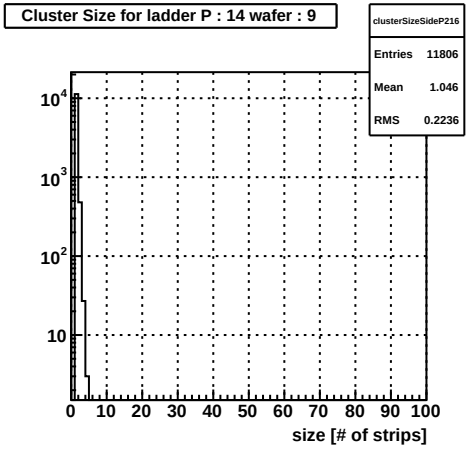

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 3427
Mean 1.015
RMS 0.1222
size [# of strips]

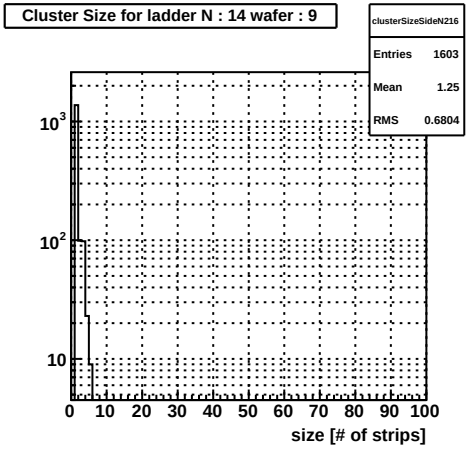

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 813
Mean 1.112
RMS 0.4132
size [# of strips]

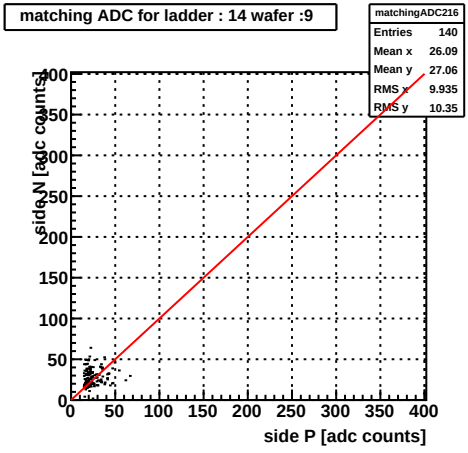

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 25
Mean x 18.6
Mean y 23.16
RMS x 5.246
RMS y 12.25
side N [adc counts]
side P [adc counts]

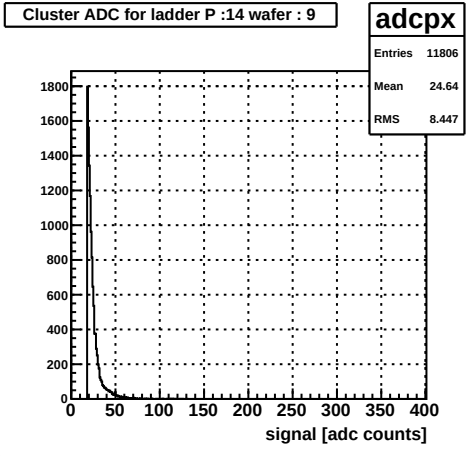

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 3427
Mean 26.37
RMS 8.703
signal [adc counts]

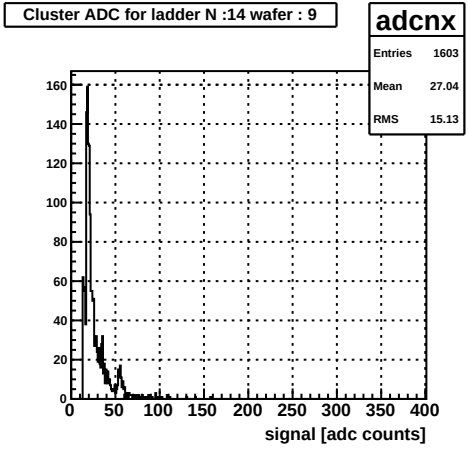

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 813
Mean 19.5
RMS 8.485
signal [adc counts]

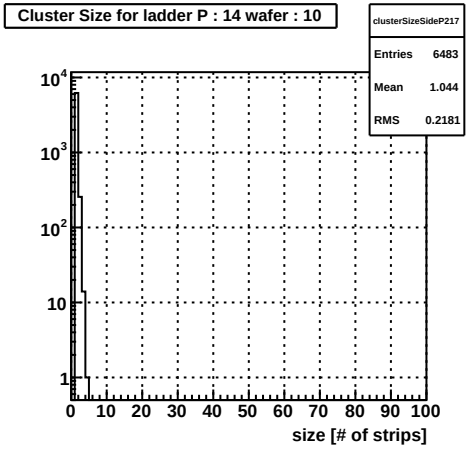

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11806
Mean 1.046
RMS 0.2236
size [# of strips]

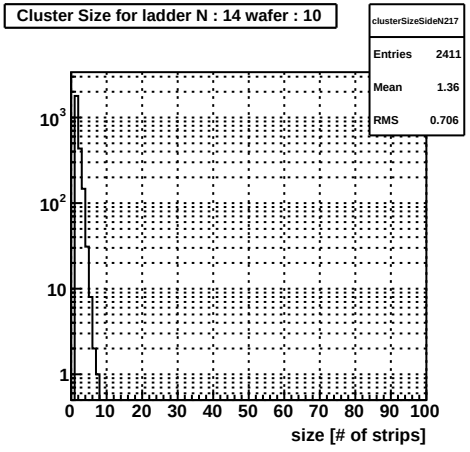

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 1603
Mean 1.25
RMS 0.6804
size [# of strips]

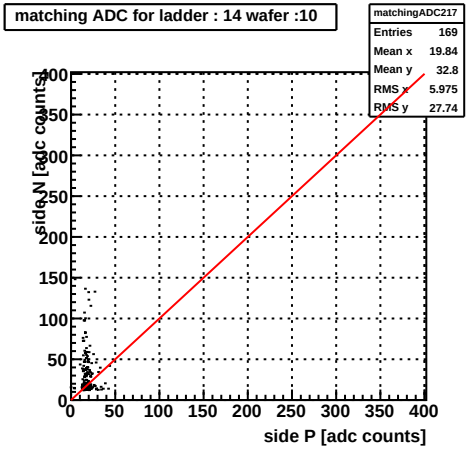

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 140
Mean x 26.09
Mean y 27.06
RMS x 9.935
RMS y 10.35
side N [adc counts]
side P [adc counts]

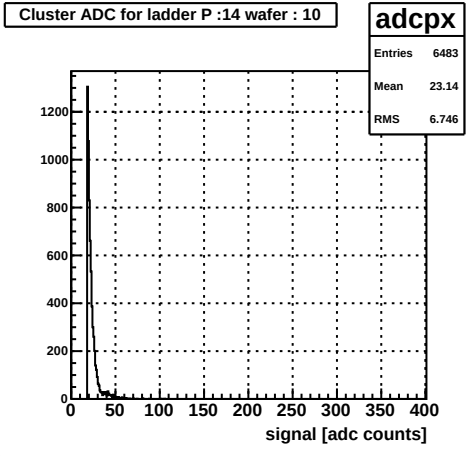

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11806
Mean 24.64
RMS 8.447
signal [adc counts]

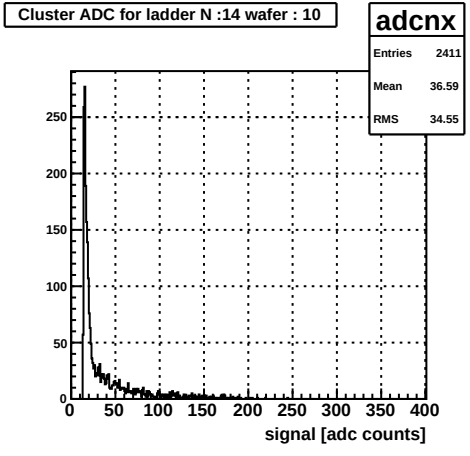

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 1603
Mean 27.04
RMS 15.13
signal [adc counts]

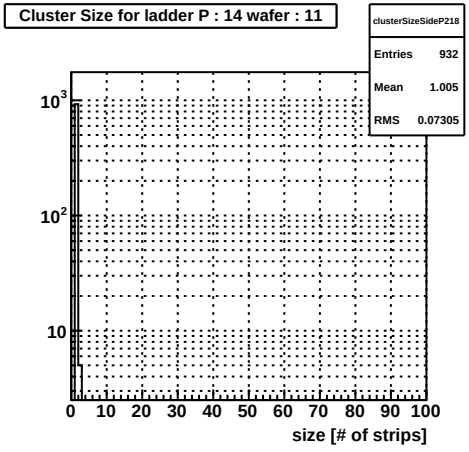

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6483
Mean 1.044
RMS 0.2181
size [# of strips]

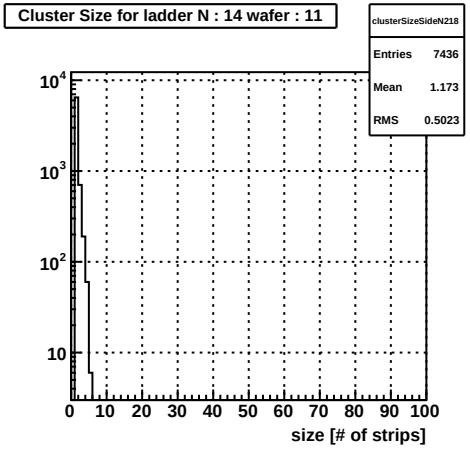

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2411
Mean 1.36
RMS 0.706
size [# of strips]

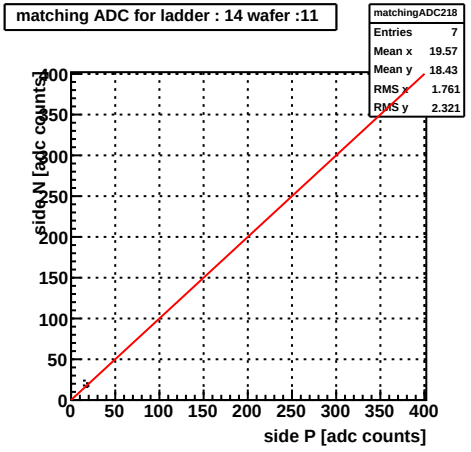

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 169
Mean x 19.84
Mean y 32.8
RMS x 5.975
RMS y 27.74
side N [adc counts]
side P [adc counts]

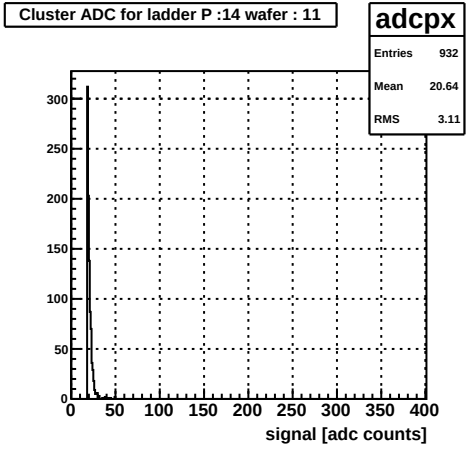

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6483
Mean 23.14
RMS 6.746
signal [adc counts]

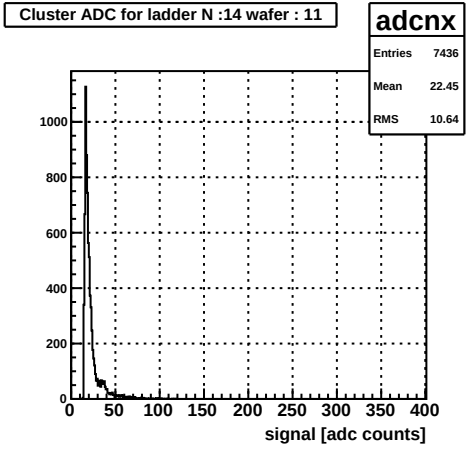

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2411
Mean 36.59
RMS 34.55
signal [adc counts]

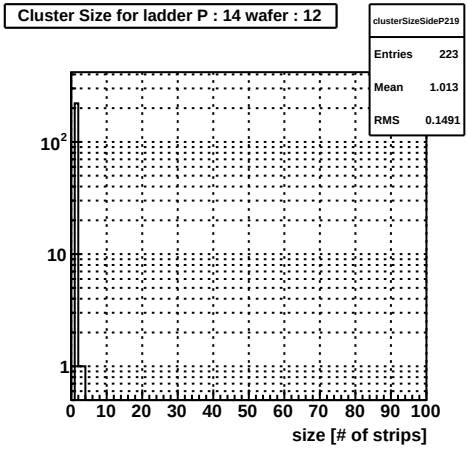

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 932
Mean 1.005
RMS 0.07305
size [# of strips]

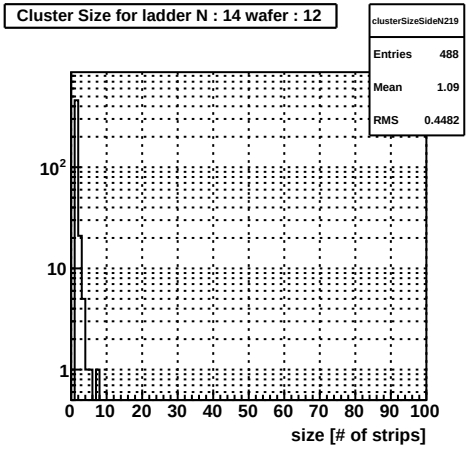

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7436
Mean 1.173
RMS 0.5023
size [# of strips]

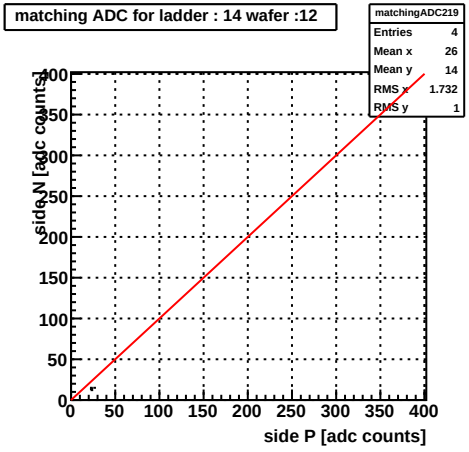

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 7
Mean x 19.57
Mean y 18.43
RMS x 1.761
RMS y 2.321
side N [adc counts]
side P [adc counts]

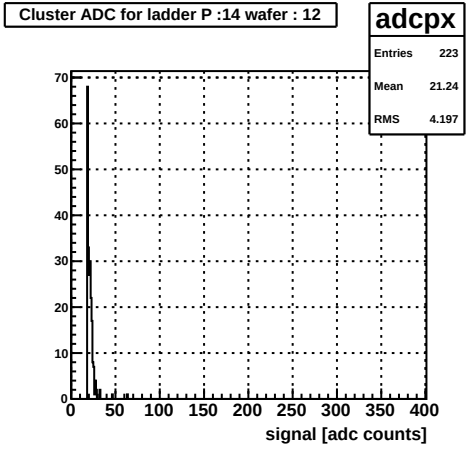

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 932
Mean 20.64
RMS 3.11
signal [adc counts]

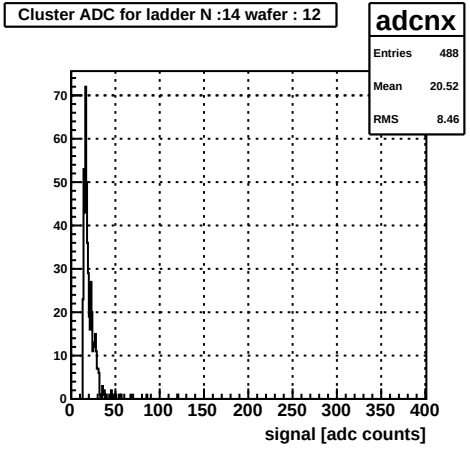

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7436
Mean 22.45
RMS 10.64
signal [adc counts]

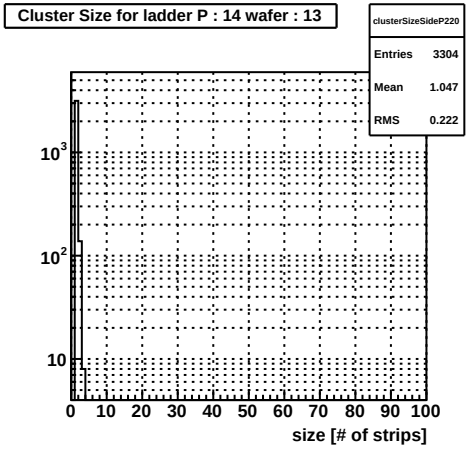

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 223
Mean 1.013
RMS 0.1491
size [# of strips]

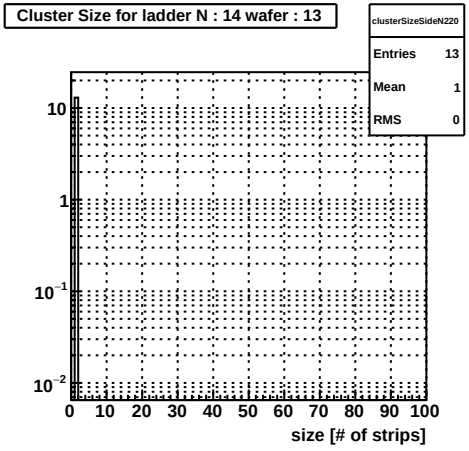

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 488
Mean 1.09
RMS 0.4482
size [# of strips]

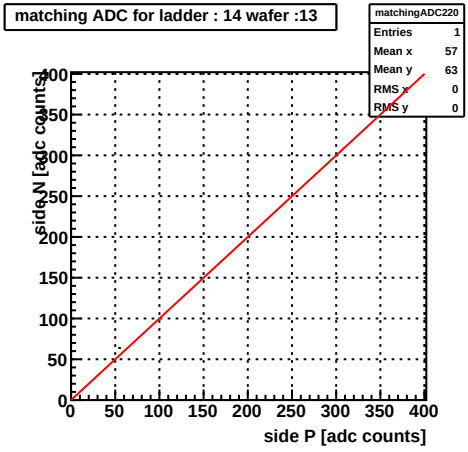

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 4
Mean x 26
Mean y 14
RMS x 1.732
RMS y 1
side N [adc counts]
side P [adc counts]

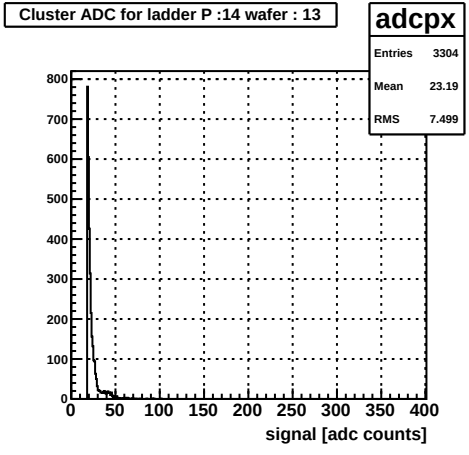

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 223
Mean 21.24
RMS 4.197
signal [adc counts]

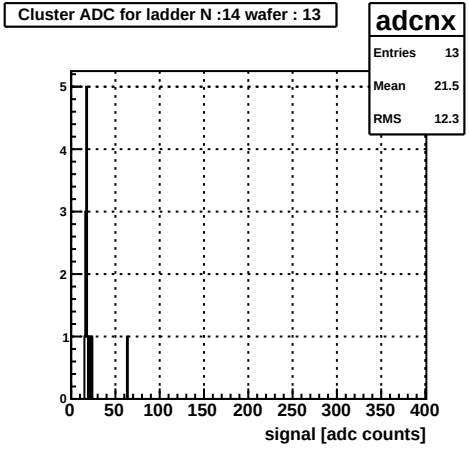

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 488
Mean 20.52
RMS 8.46
signal [adc counts]

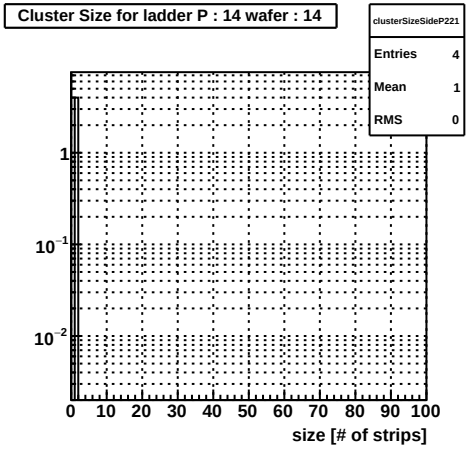

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 3304
Mean 1.047
RMS 0.222
size [# of strips]

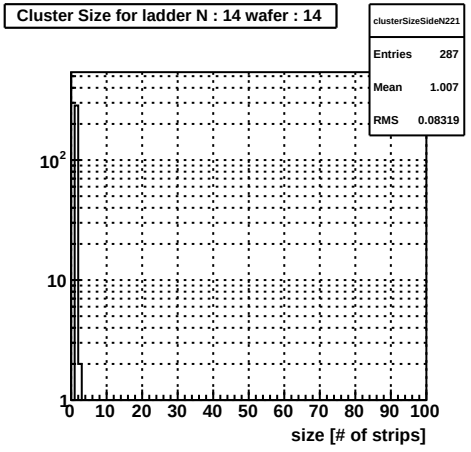

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 13
Mean 1
RMS 0
size [# of strips]

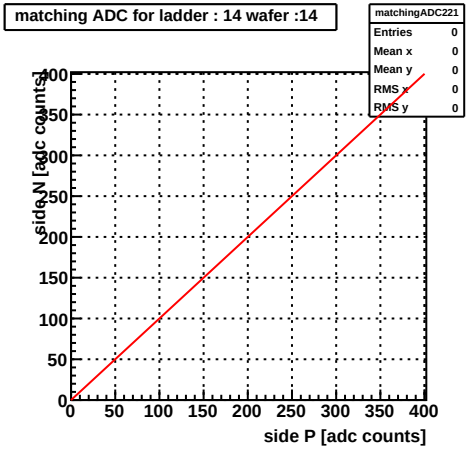

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1
Mean x 57
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

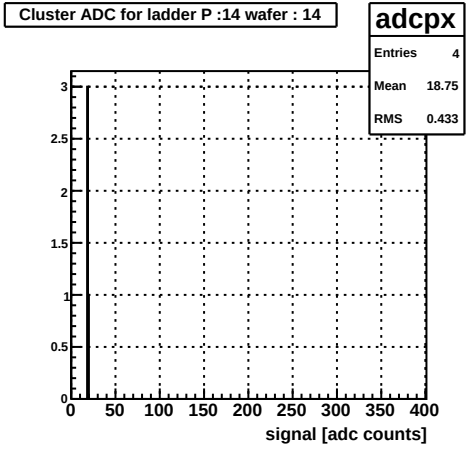

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 3304
Mean 23.19
RMS 7.499
signal [adc counts]

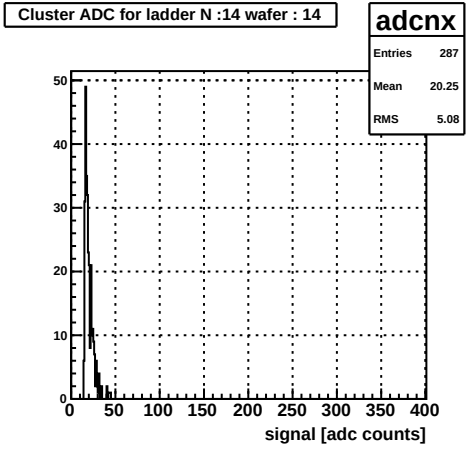

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 13
Mean 21.5
RMS 12.3
signal [adc counts]

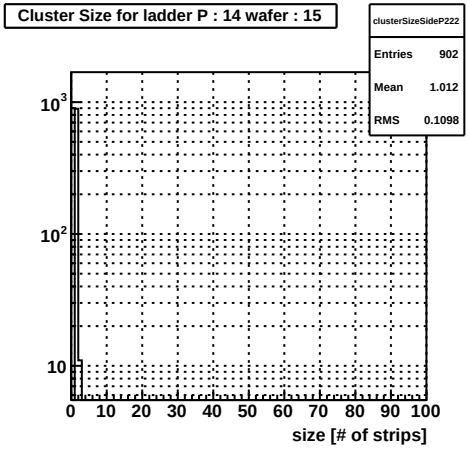

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 4
Mean 1
RMS 0
size [# of strips]

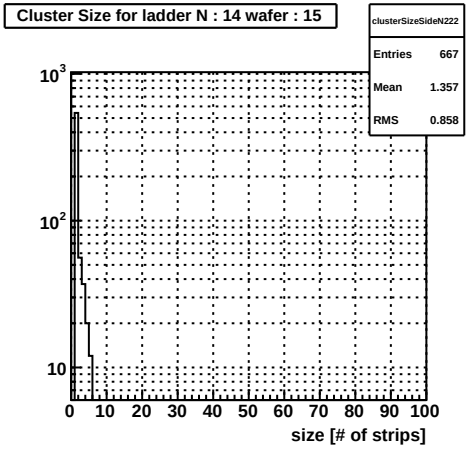

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 287
Mean 1.007
RMS 0.08319
size [# of strips]

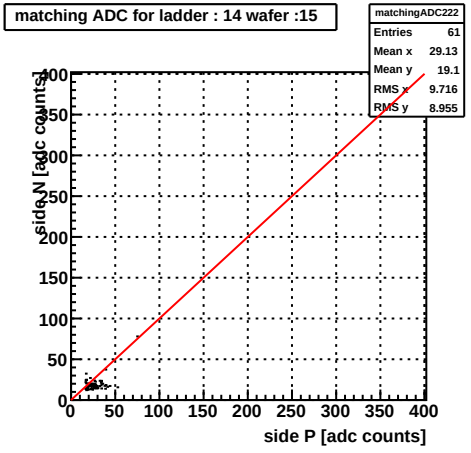

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

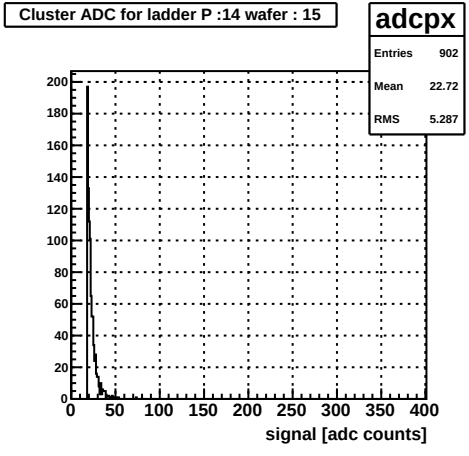

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 4
Mean 18.75
RMS 0.433
signal [adc counts]

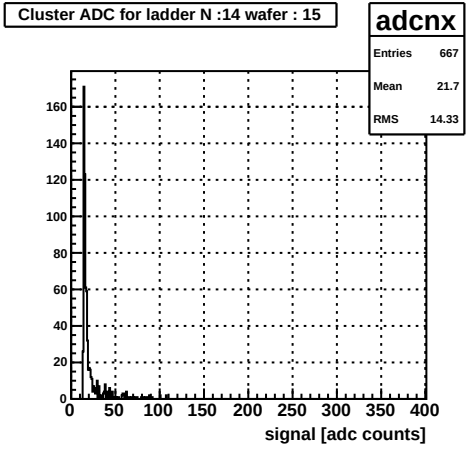

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 287
Mean 20.25
RMS 5.08
signal [adc counts]

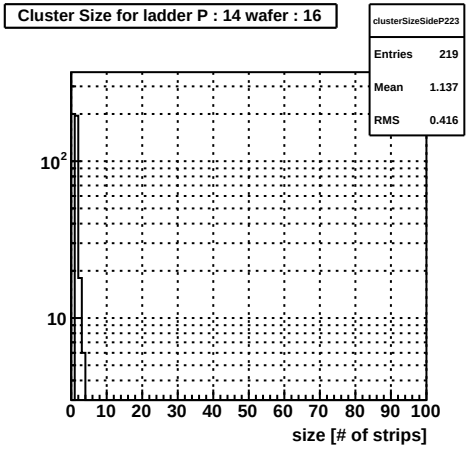

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 902
Mean 1.012
RMS 0.1098
size [# of strips]

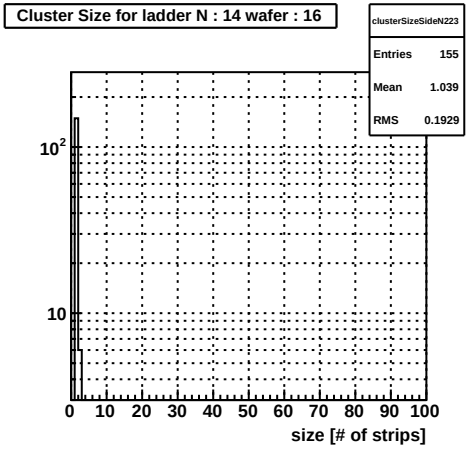

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 667
Mean 1.357
RMS 0.858
size [# of strips]

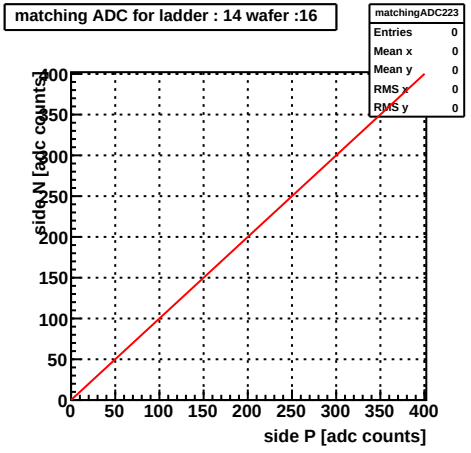

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 61
Mean x 29.13
Mean y 19.1
RMS x 9.716
RMS y 8.955
side N [adc counts]
side P [adc counts]

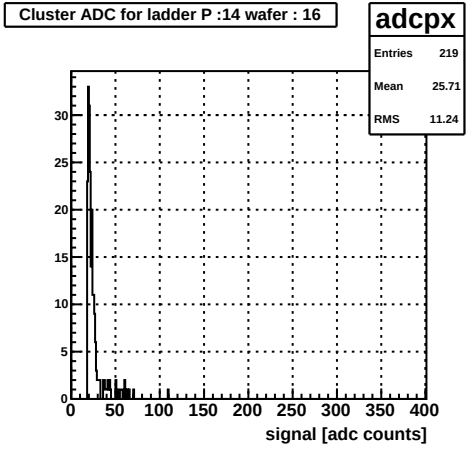

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 902
Mean 22.72
RMS 5.287
signal [adc counts]

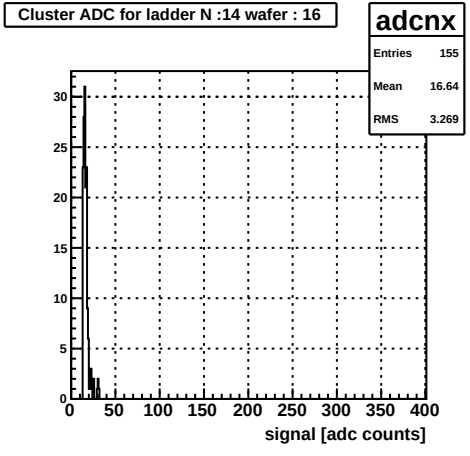

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 667
Mean 21.7
RMS 14.33
signal [adc counts]

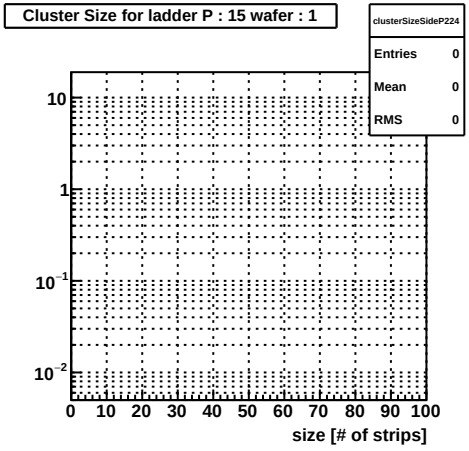

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 219
Mean 1.137
RMS 0.416
size [# of strips]

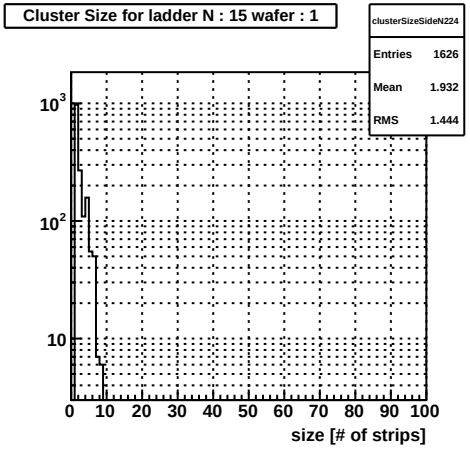

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 155
Mean 1.039
RMS 0.1929
size [# of strips]

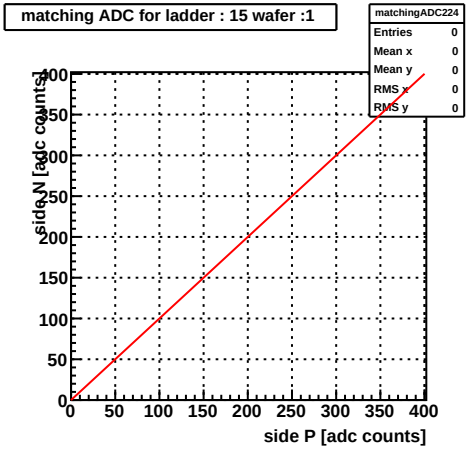

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

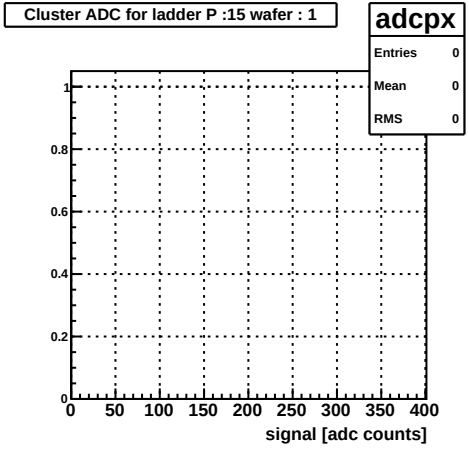

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 219
Mean 25.71
RMS 11.24
signal [adc counts]

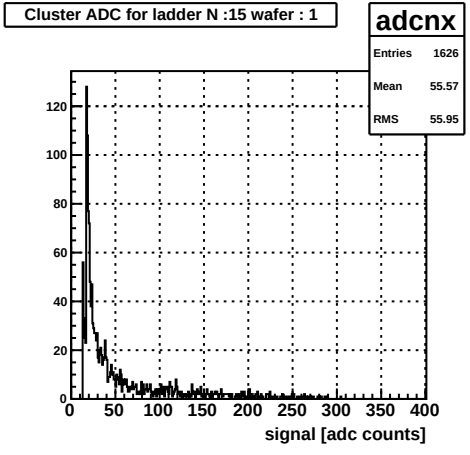

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 155
Mean 16.64
RMS 3.269
signal [adc counts]

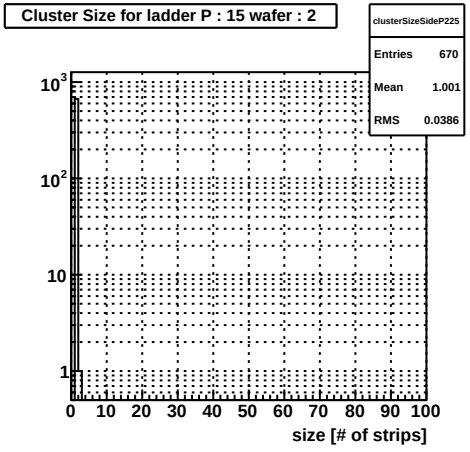

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

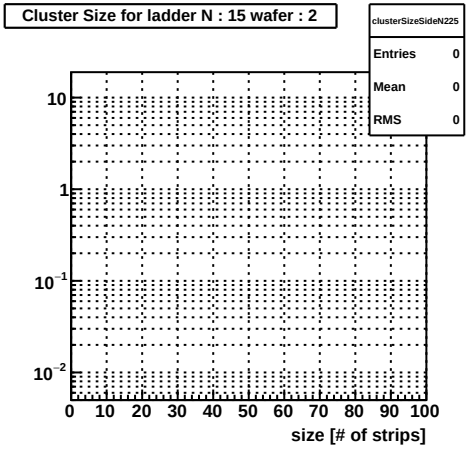

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1626
Mean 1.932
RMS 1.444
size [# of strips]

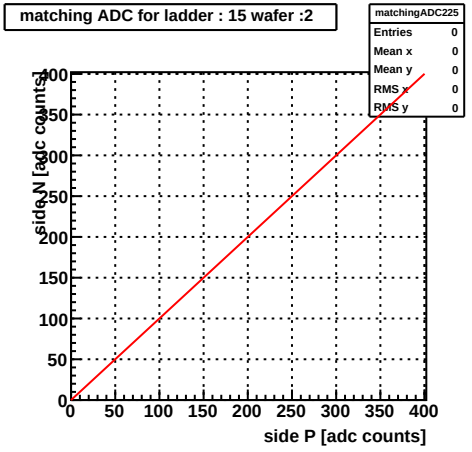

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

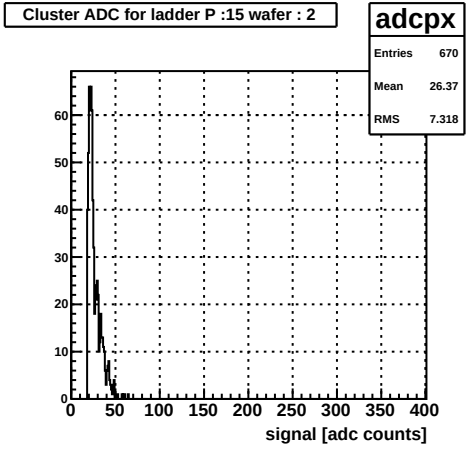

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

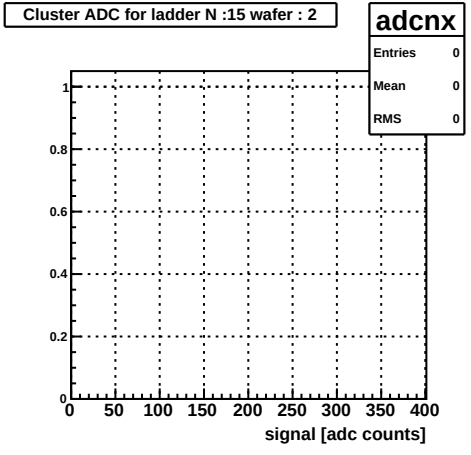

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1626
Mean 55.57
RMS 55.95
signal [adc counts]

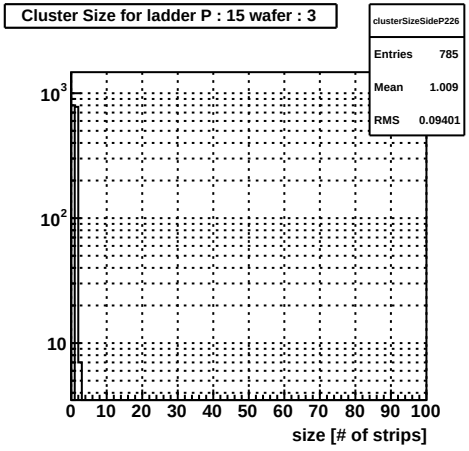

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 670
Mean 1.001
RMS 0.0386
size [# of strips]

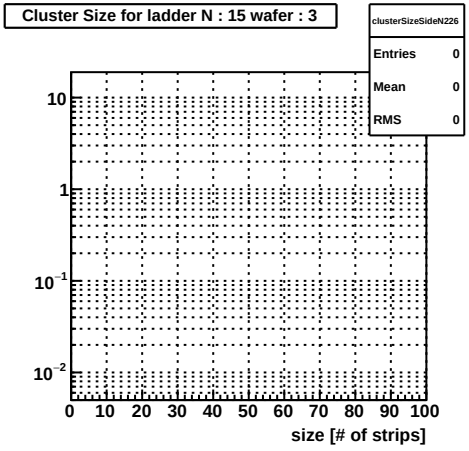

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

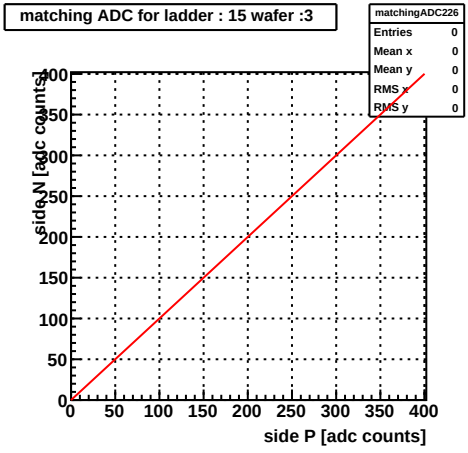

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

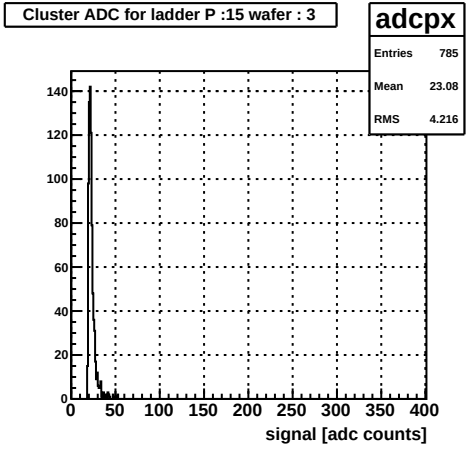

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 670
Mean 26.37
RMS 7.318
signal [adc counts]

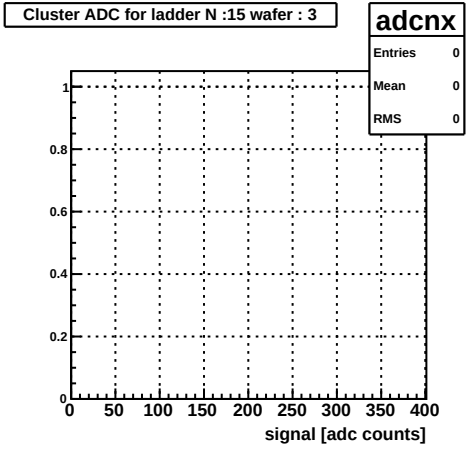

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

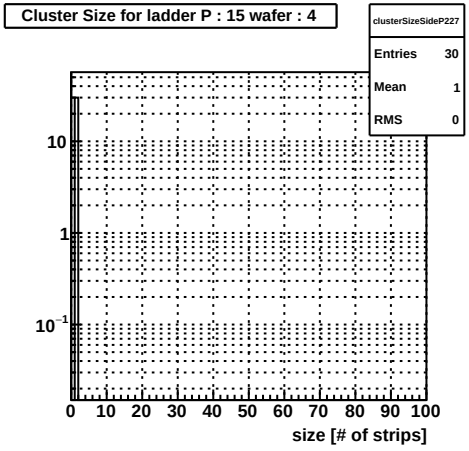

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 785
Mean 1.009
RMS 0.09401
size [# of strips]

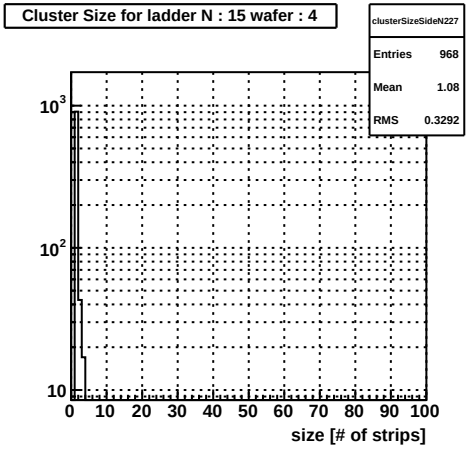

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

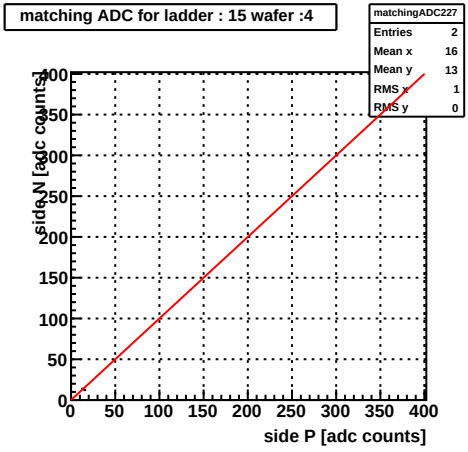

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

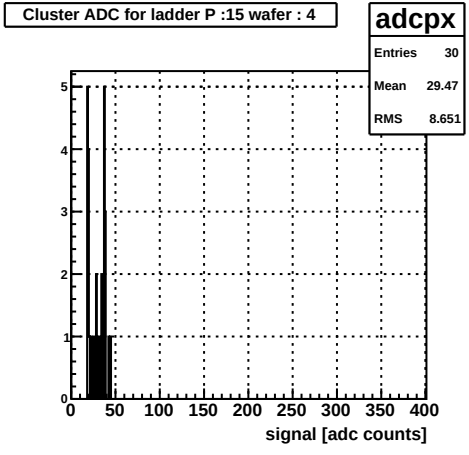

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 785
Mean 23.08
RMS 4.216
signal [adc counts]

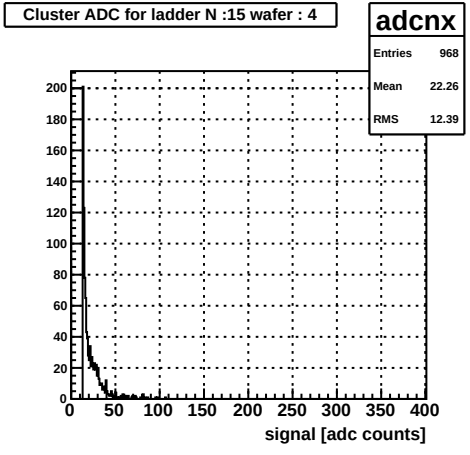

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

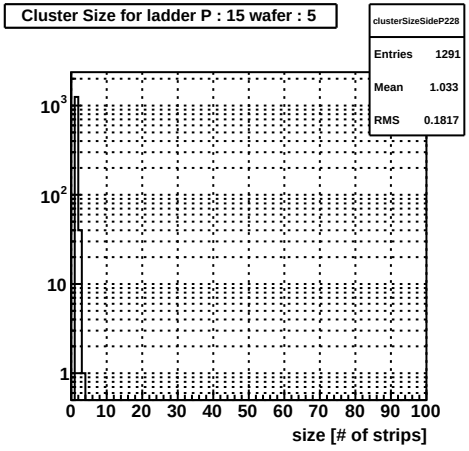

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 30
Mean 1
RMS 0
size [# of strips]

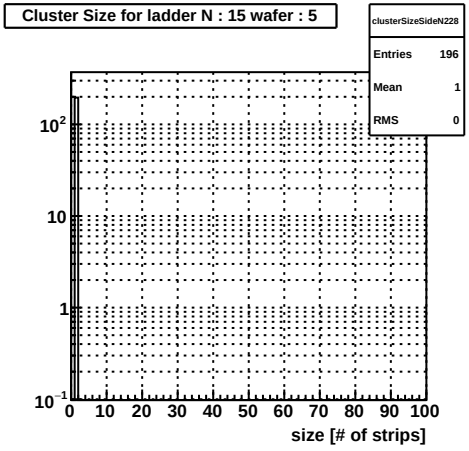

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 968
Mean 1.08
RMS 0.3292
size [# of strips]

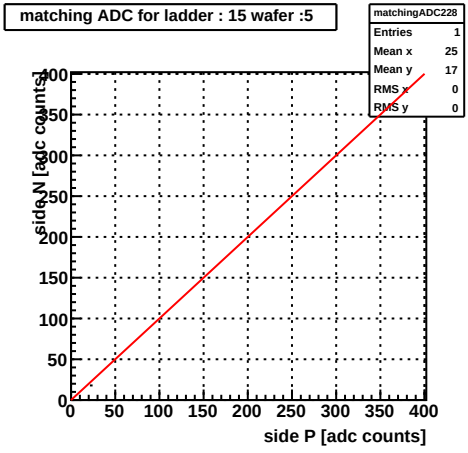

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 2
Mean x 16
Mean y 13
RMS x 1
RMS y 0
side N [adc counts]
side P [adc counts]

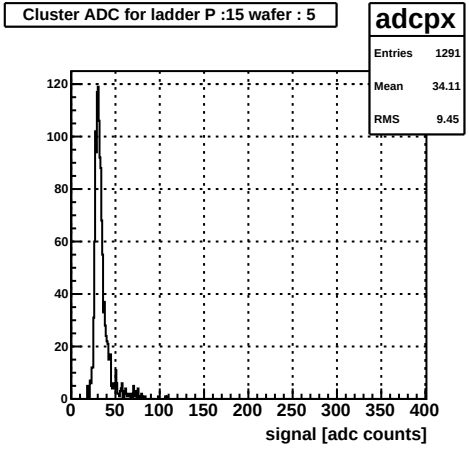

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 30
Mean 29.47
RMS 8.651
signal [adc counts]

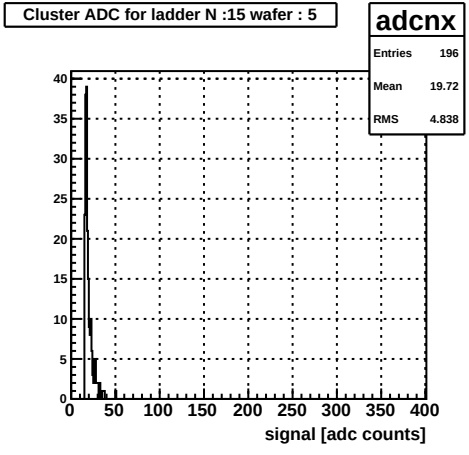

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 968
Mean 22.26
RMS 12.39
signal [adc counts]

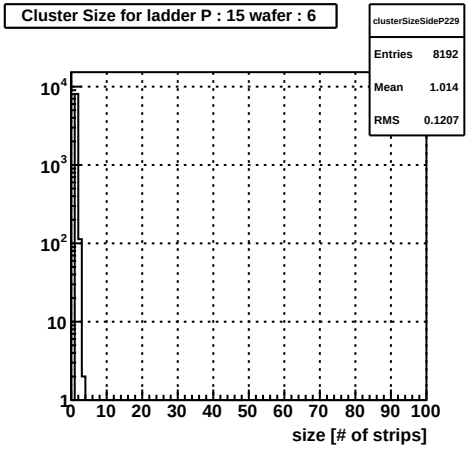

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1291
Mean 1.033
RMS 0.1817
size [# of strips]

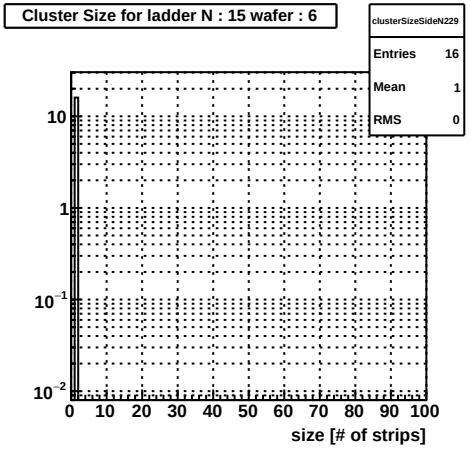

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 196
Mean 1
RMS 0
size [# of strips]

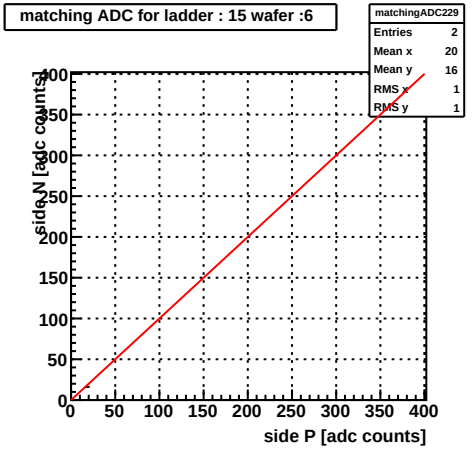

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 1
Mean x 25
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

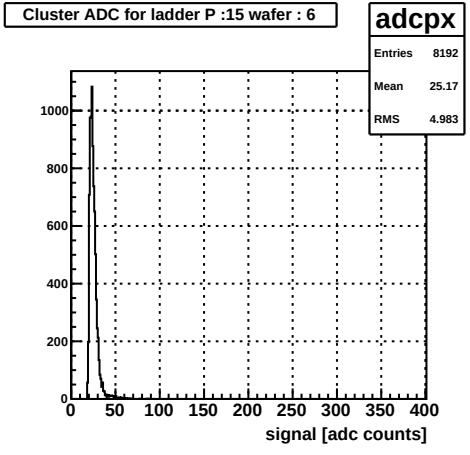

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1291
Mean 34.11
RMS 9.45
signal [adc counts]

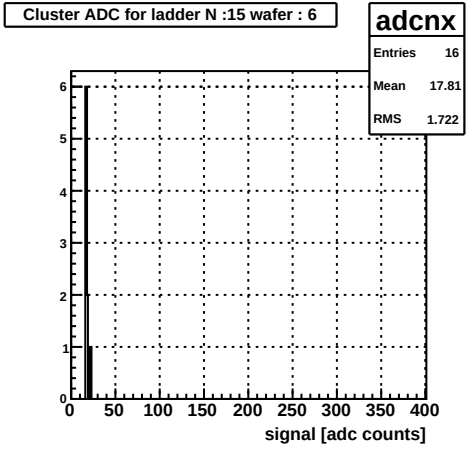

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 196
Mean 19.72
RMS 4.838
signal [adc counts]

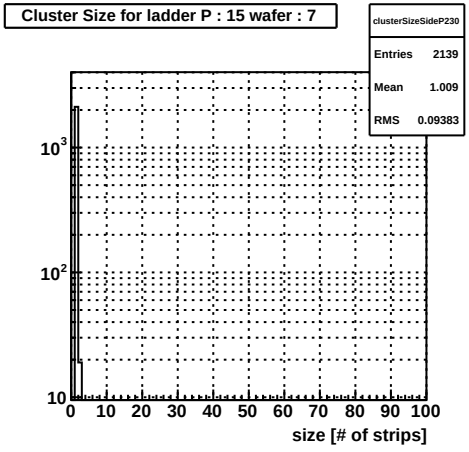

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8192
Mean 1.014
RMS 0.1207
size [# of strips]

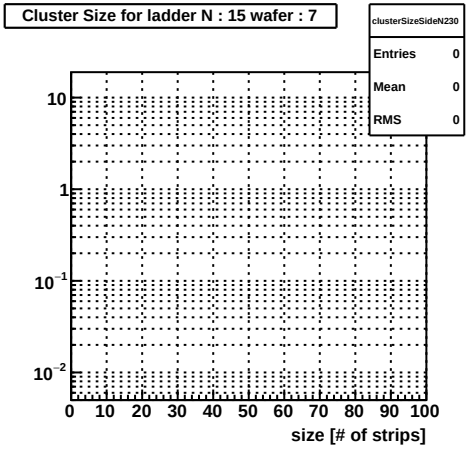

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 16
Mean 1
RMS 0
size [# of strips]

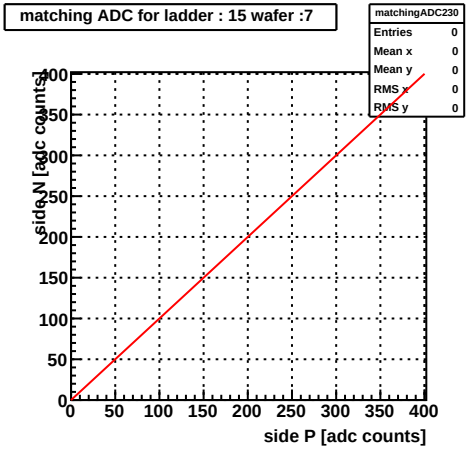

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 2
Mean x 20
Mean y 16
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

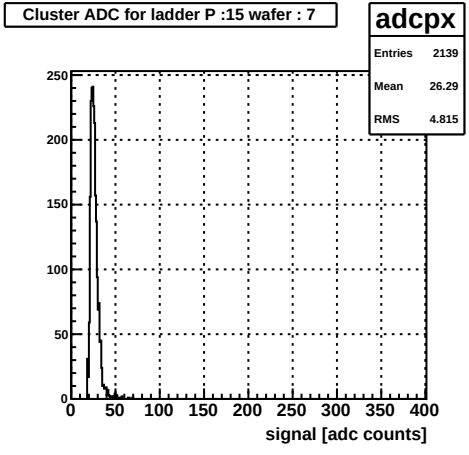

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8192
Mean 25.17
RMS 4.983
signal [adc counts]

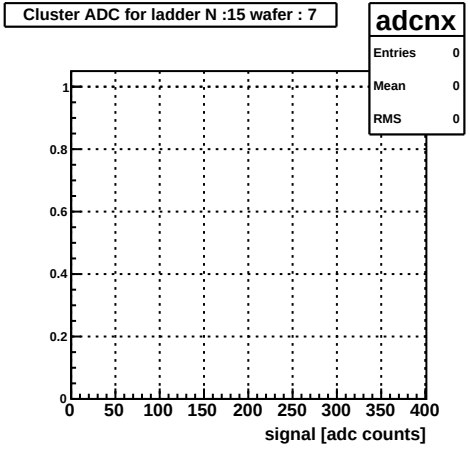

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 16
Mean 17.81
RMS 1.722
signal [adc counts]

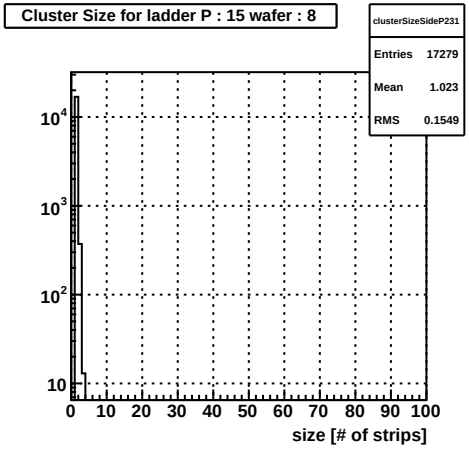

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2139
Mean 1.009
RMS 0.09383
size [# of strips]

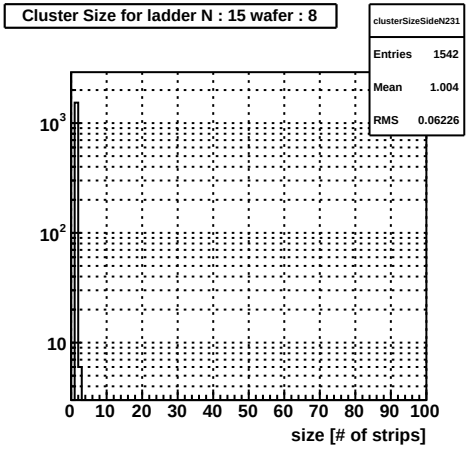

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

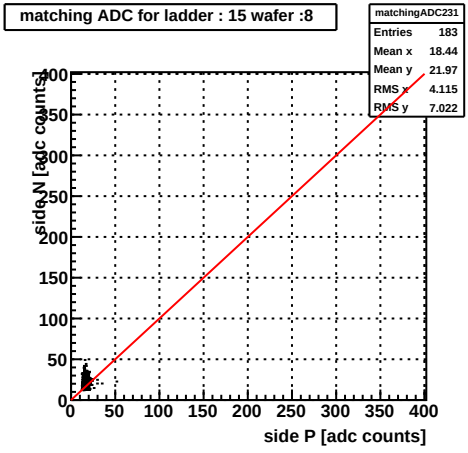

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

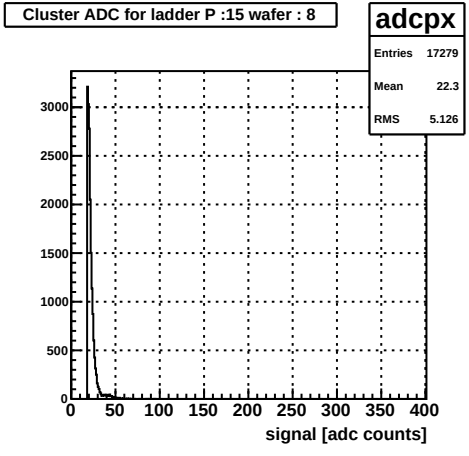

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2139
Mean 26.29
RMS 4.815
signal [adc counts]

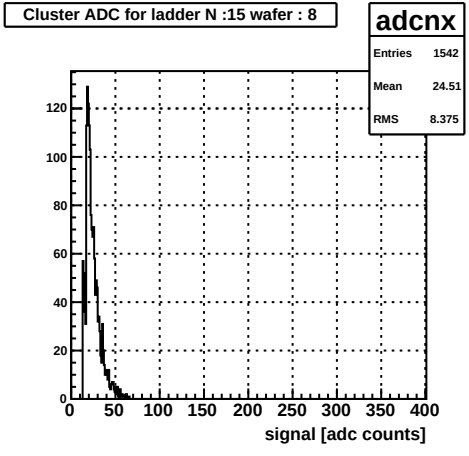

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

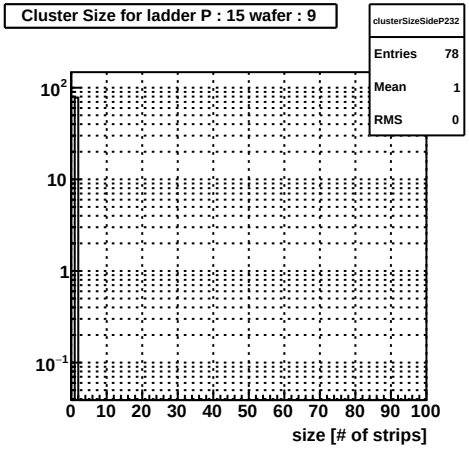

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 17279
Mean 1.023
RMS 0.1549
size [# of strips]

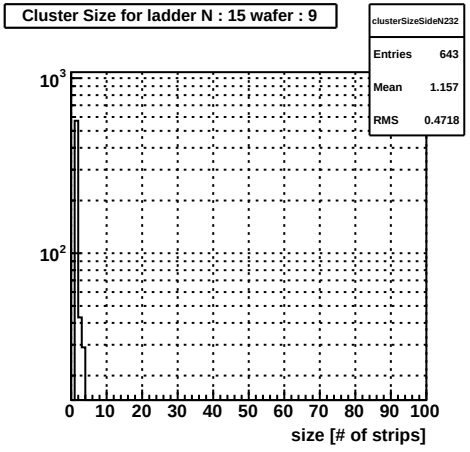

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1542
Mean 1.004
RMS 0.06226
size [# of strips]

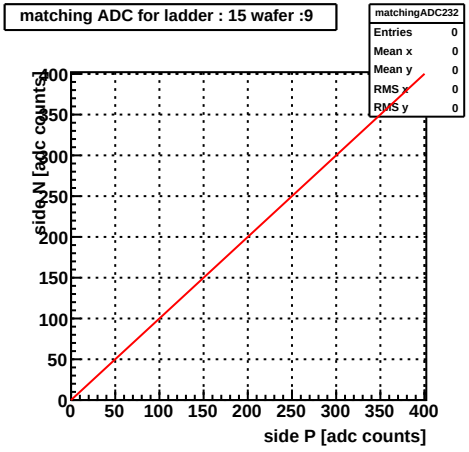

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 183
Mean x 18.44
Mean y 21.97
RMS x 4.115
RMS y 7.022
side N [adc counts]
side P [adc counts]

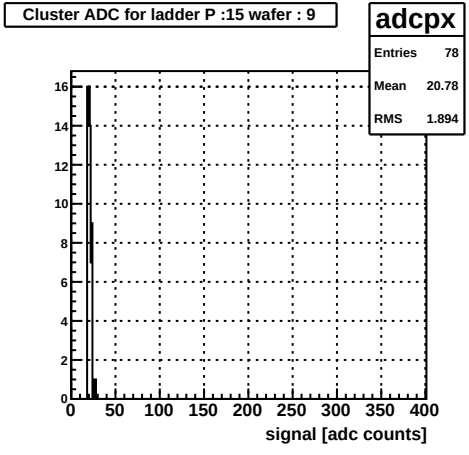

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 17279
Mean 22.3
RMS 5.126
signal [adc counts]

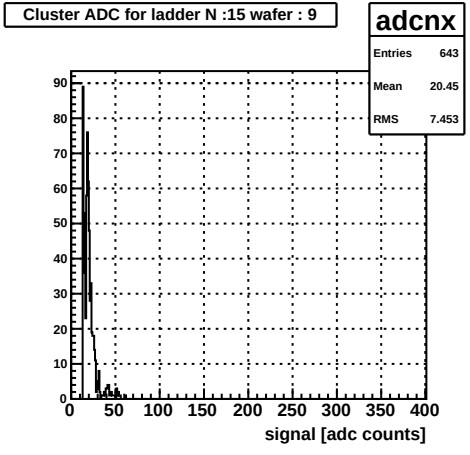

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1542
Mean 24.51
RMS 8.375
signal [adc counts]

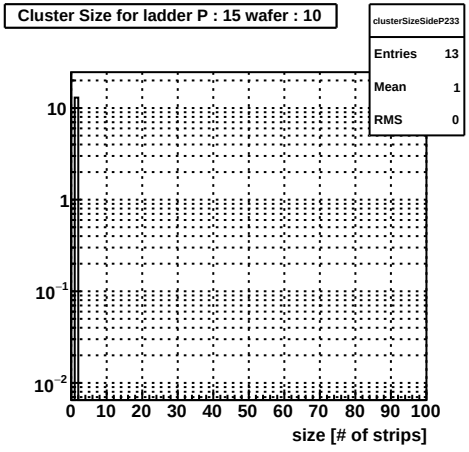

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 78
Mean 1
RMS 0
size [# of strips]

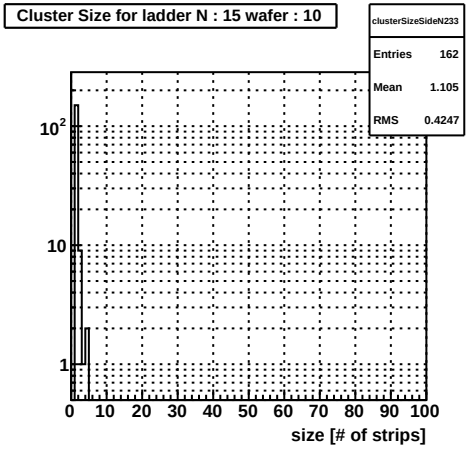

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 643
Mean 1.157
RMS 0.4718
size [# of strips]

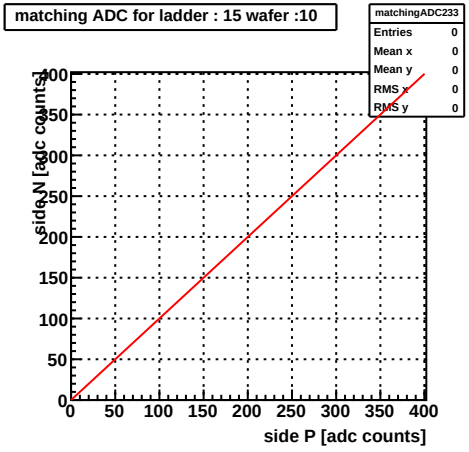

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

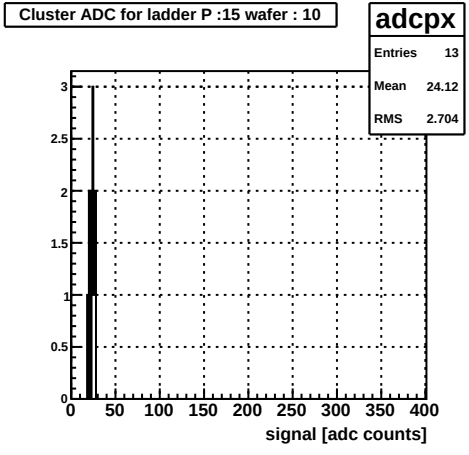

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 78
Mean 20.78
RMS 1.894
signal [adc counts]

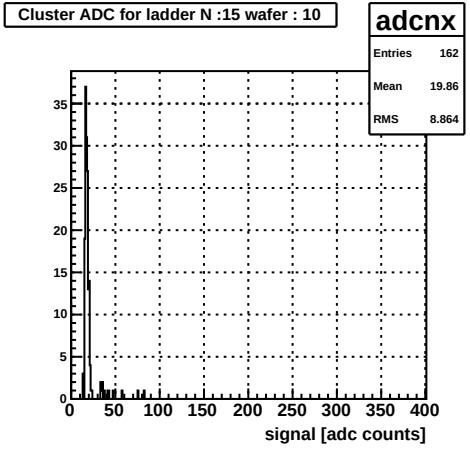

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 643
Mean 20.45
RMS 7.453
signal [adc counts]

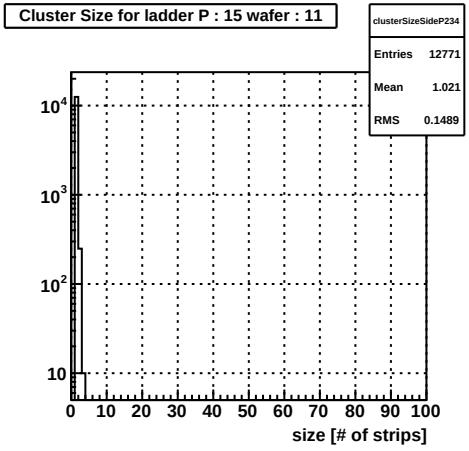

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 13
Mean 1
RMS 0
size [# of strips]

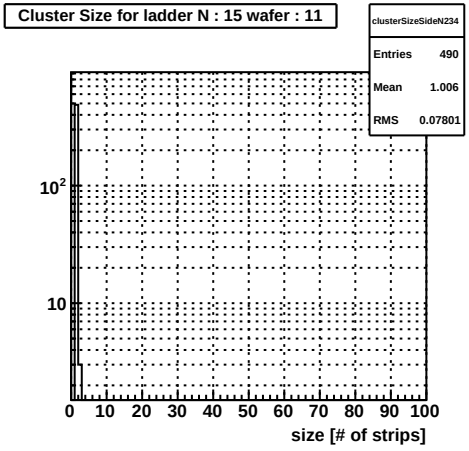

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 162
Mean 1.105
RMS 0.4247
size [# of strips]

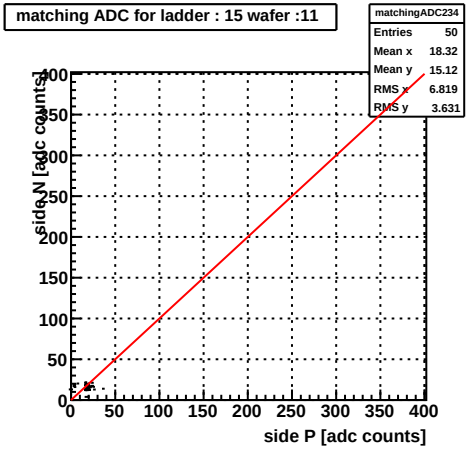

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

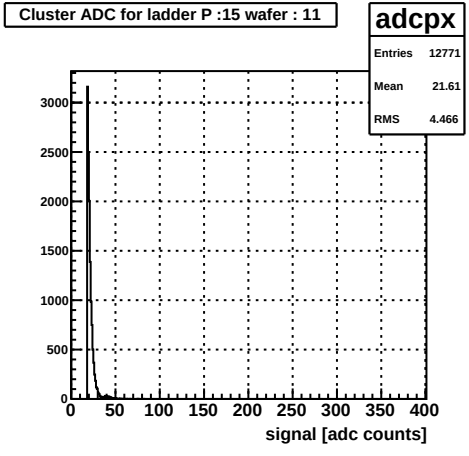

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 13
Mean 24.12
RMS 2.704
signal [adc counts]

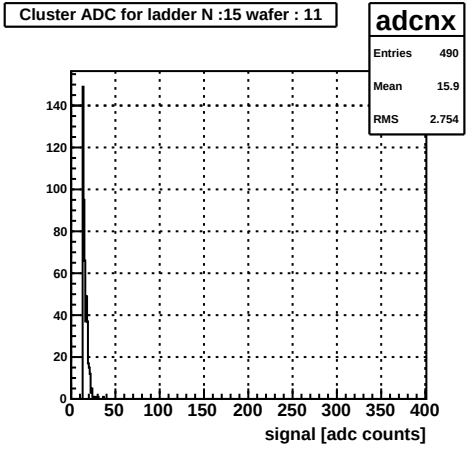

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 162
Mean 19.86
RMS 8.864
signal [adc counts]

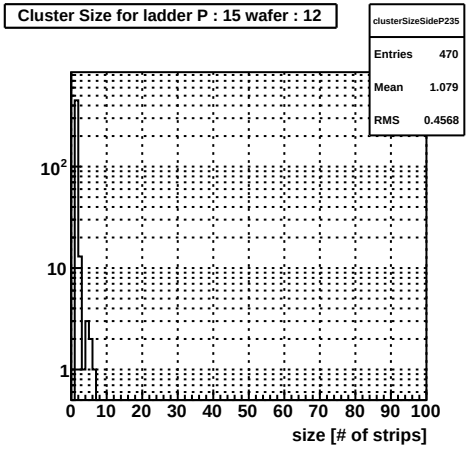

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 12771
Mean 1.021
RMS 0.1489
size [# of strips]

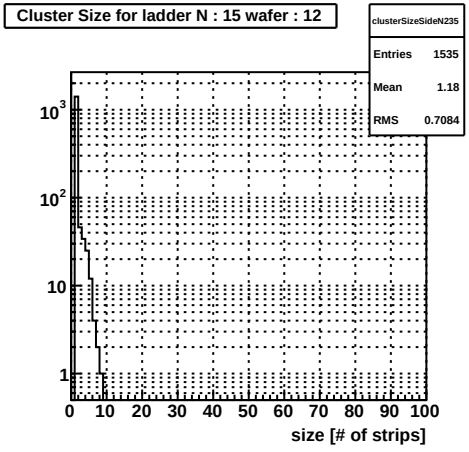

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 490
Mean 1.006
RMS 0.07801
size [# of strips]

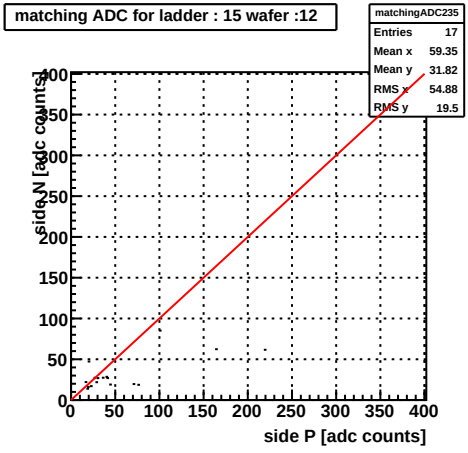

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 50
Mean x 18.32
Mean y 15.12
RMS x 6.819
RMS y 3.631
side N [adc counts]
side P [adc counts]

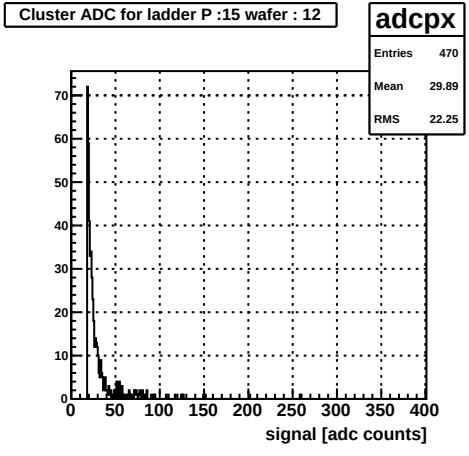

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 12771
Mean 21.61
RMS 4.466
signal [adc counts]

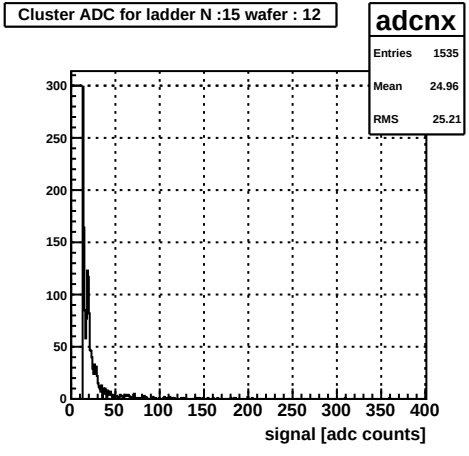

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 490
Mean 15.9
RMS 2.754
signal [adc counts]

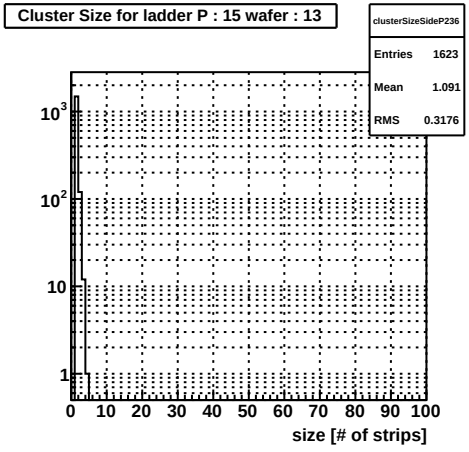

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 470
Mean 1.079
RMS 0.4568
size [# of strips]

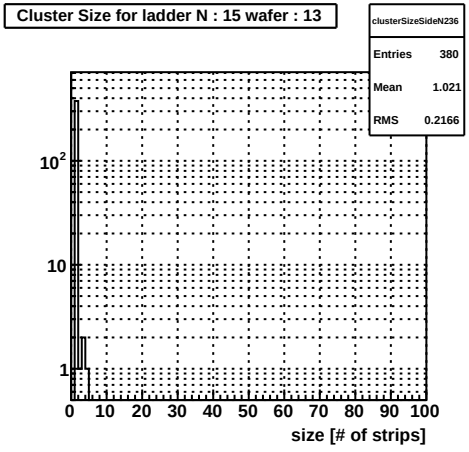

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1535
Mean 1.18
RMS 0.7084
size [# of strips]

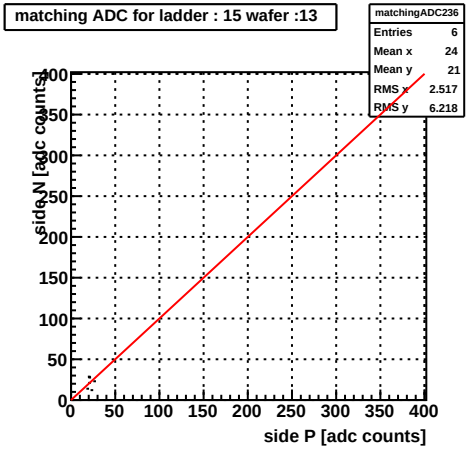

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 17
Mean x 59.35
Mean y 31.82
RMS x 54.88
RMS y 19.5
side N [adc counts]
side P [adc counts]

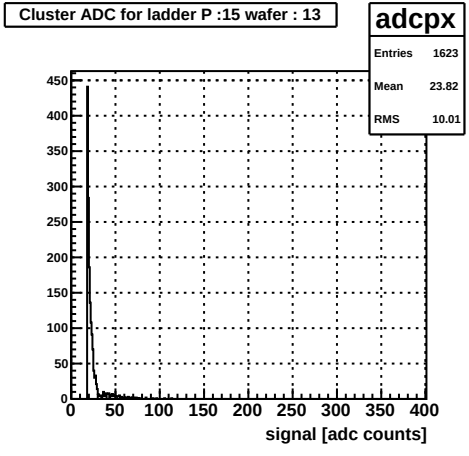

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 470
Mean 29.89
RMS 22.25
signal [adc counts]

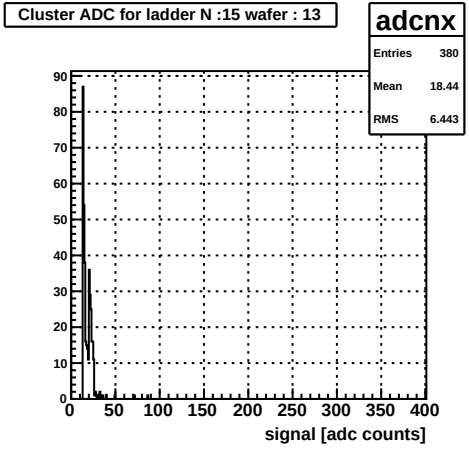

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1535
Mean 24.96
RMS 25.21
signal [adc counts]

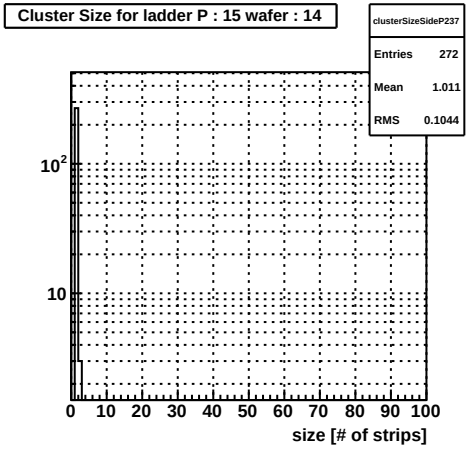

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1623
Mean 1.091
RMS 0.3176
size [# of strips]

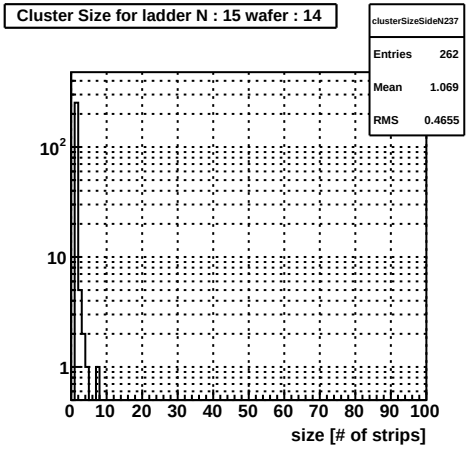

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 380
Mean 1.021
RMS 0.2166
size [# of strips]

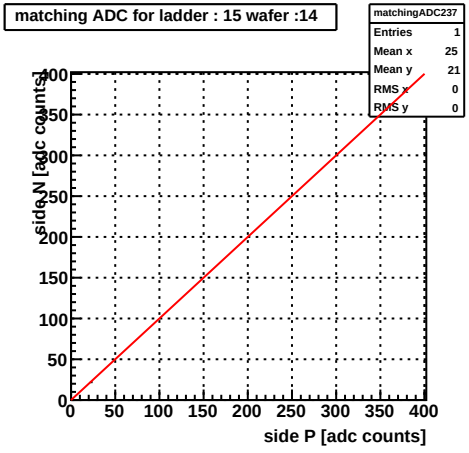

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 6
Mean x 24
Mean y 21
RMS x 2.517
RMS y 6.218
side N [adc counts]
side P [adc counts]

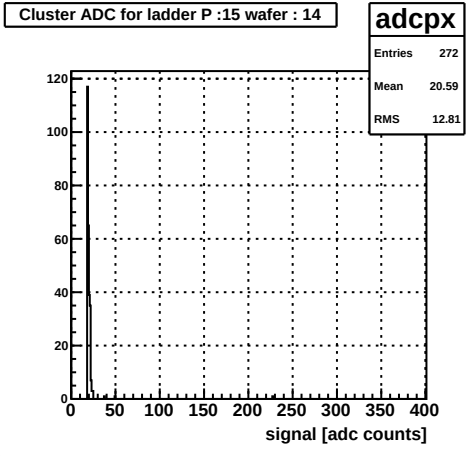

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1623
Mean 23.82
RMS 10.01
signal [adc counts]

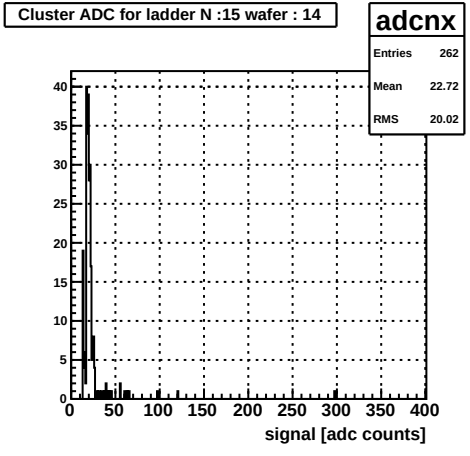

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 380
Mean 18.44
RMS 6.443
signal [adc counts]

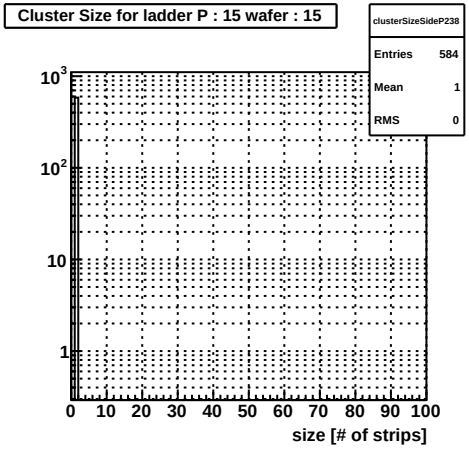

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 272
Mean 1.011
RMS 0.1044
size [# of strips]

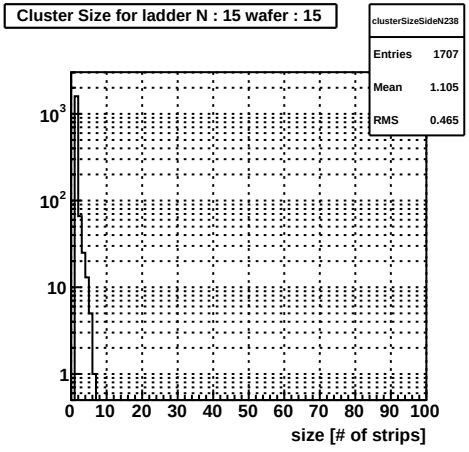

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 262
Mean 1.069
RMS 0.4655
size [# of strips]

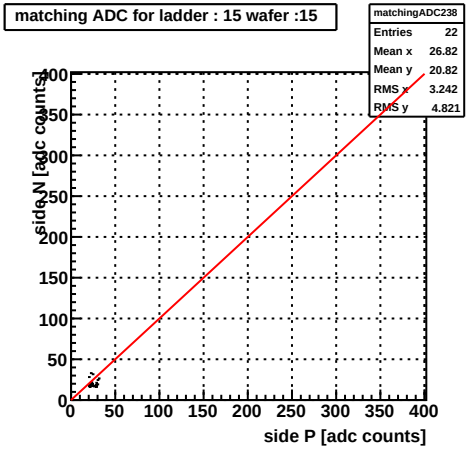

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1
Mean x 25
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

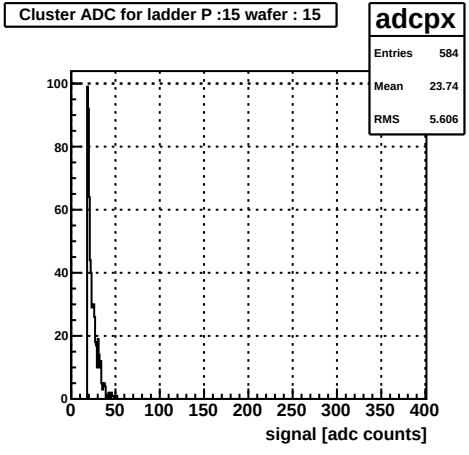

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 272
Mean 20.59
RMS 12.81
signal [adc counts]

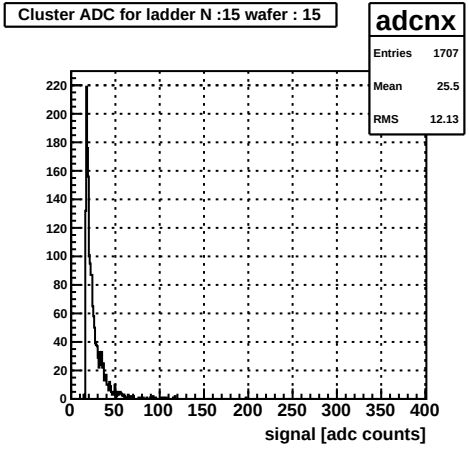

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 262
Mean 22.72
RMS 20.02
signal [adc counts]

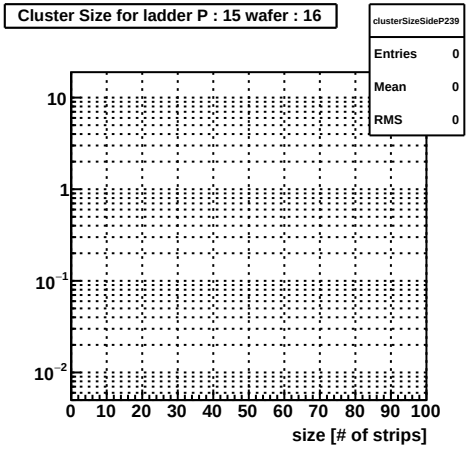

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 584
Mean 1
RMS 0
size [# of strips]

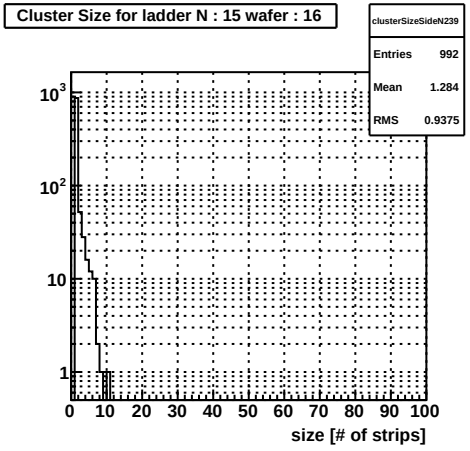

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1707
Mean 1.105
RMS 0.465
size [# of strips]

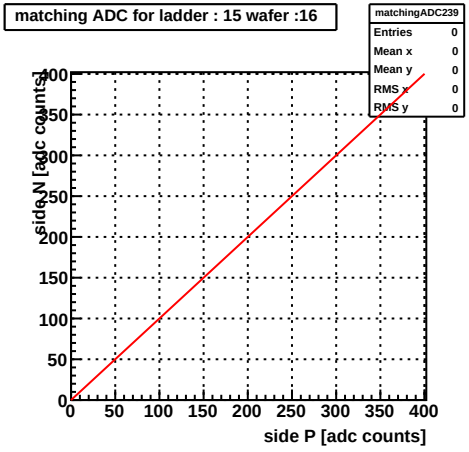

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 22
Mean x 26.82
Mean y 20.82
RMS x 3.242
RMS y 4.821
side N [adc counts]
side P [adc counts]

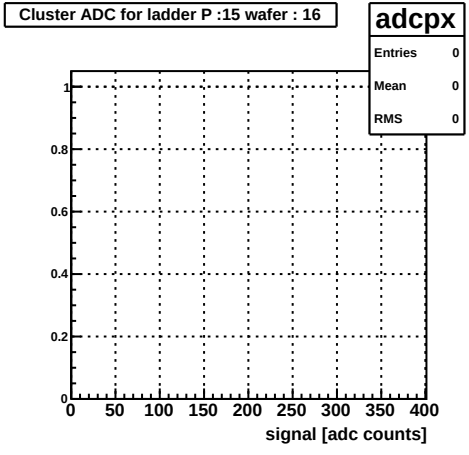

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 584
Mean 23.74
RMS 5.606
signal [adc counts]

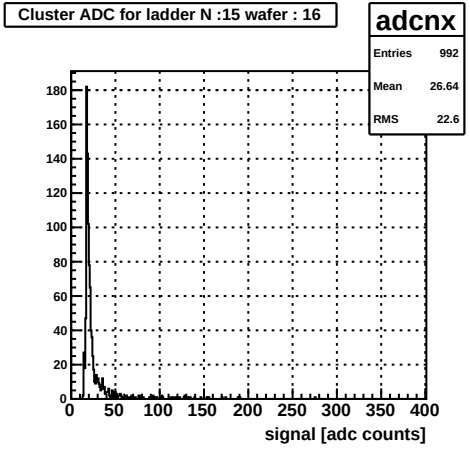

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1707
Mean 25.5
RMS 12.13
signal [adc counts]

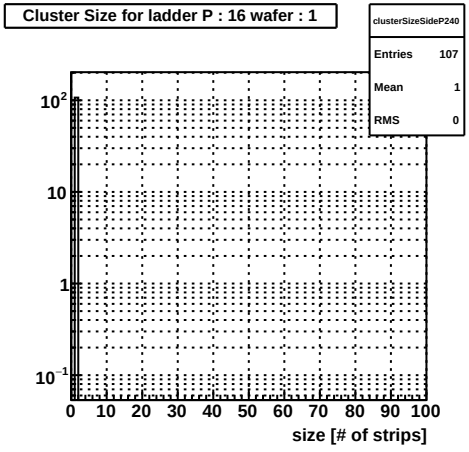

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

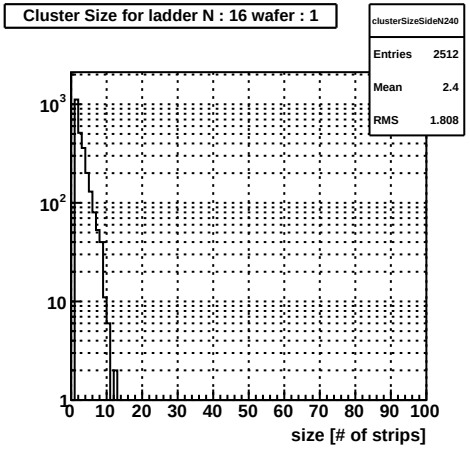

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 992
Mean 1.284
RMS 0.9375
size [# of strips]

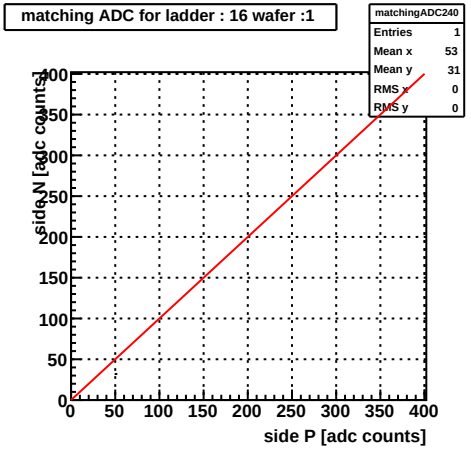

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

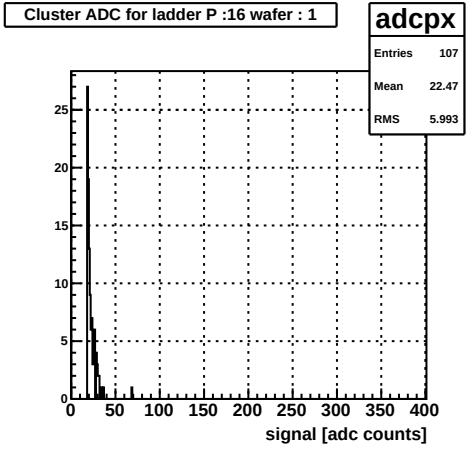

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

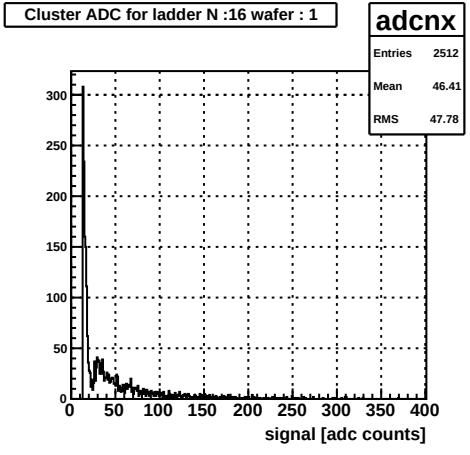

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 992
Mean 26.64
RMS 22.6
signal [adc counts]

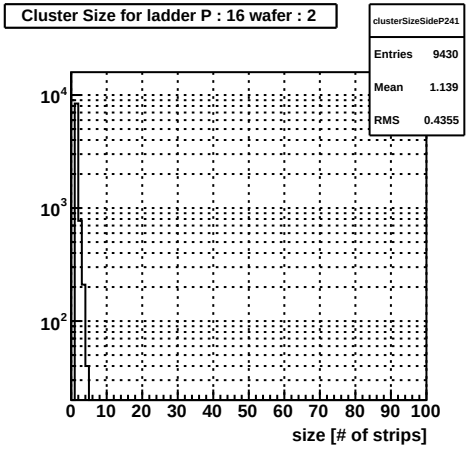

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 107
Mean 1
RMS 0
size [# of strips]

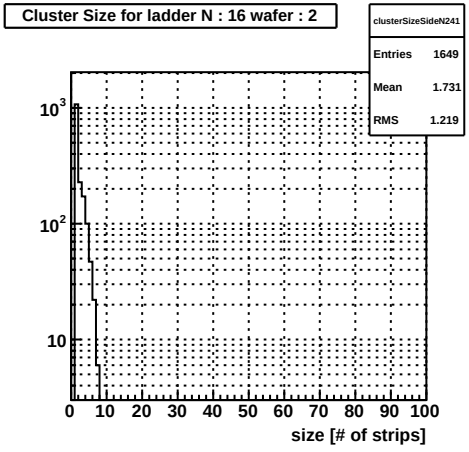

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2512
Mean 2.4
RMS 1.808
size [# of strips]

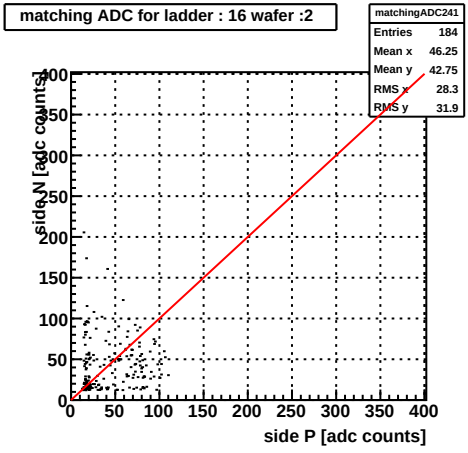

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1
Mean x 53
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

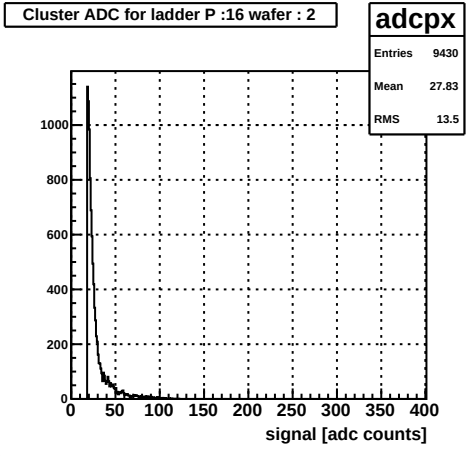

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 107
Mean 22.47
RMS 5.993
signal [adc counts]

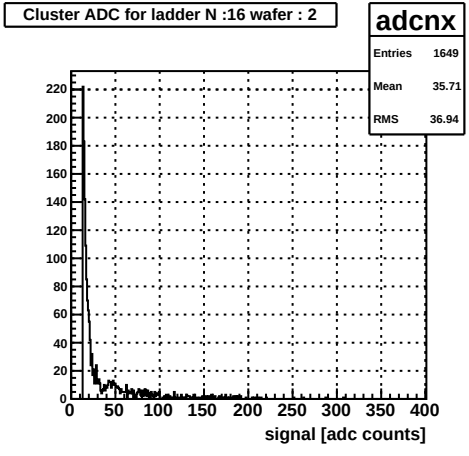

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2512
Mean 46.41
RMS 47.78
signal [adc counts]

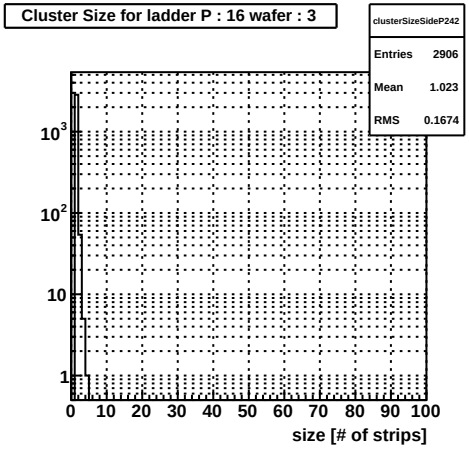

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9430
Mean 1.139
RMS 0.4355
size [# of strips]

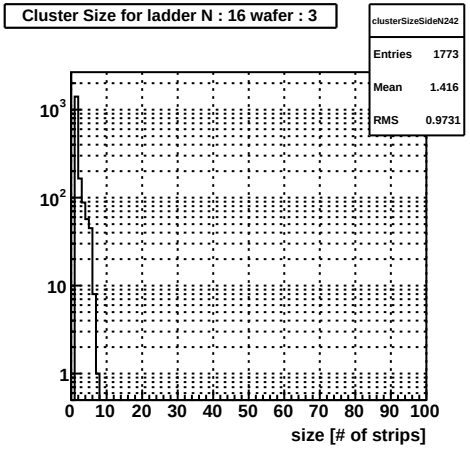

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 1649
Mean 1.731
RMS 1.219
size [# of strips]

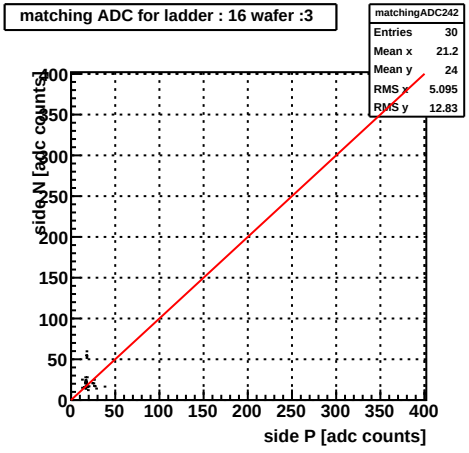

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 184
Mean x 46.25
Mean y 42.75
RMS x 28.3
RMS y 31.9
side N [adc counts]
side P [adc counts]

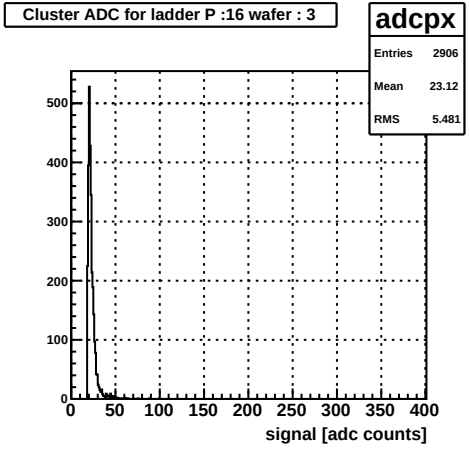

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9430
Mean 27.83
RMS 13.5
signal [adc counts]

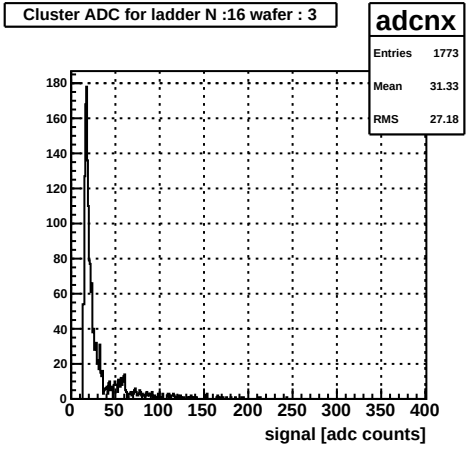

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 1649
Mean 35.71
RMS 36.94
signal [adc counts]

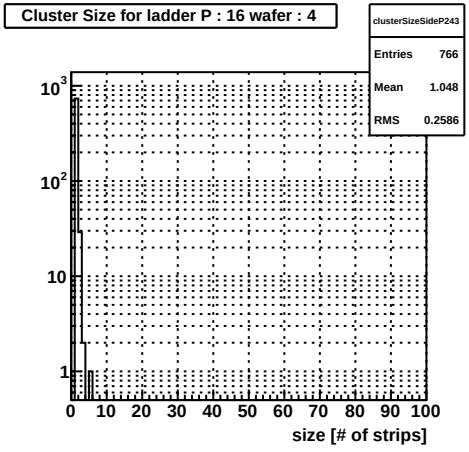

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2906
Mean 1.023
RMS 0.1674
size [# of strips]

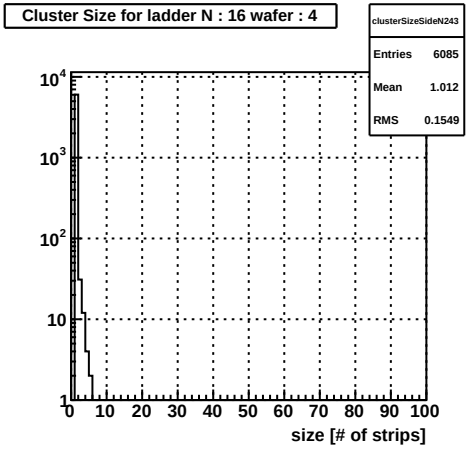

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1773
Mean 1.416
RMS 0.9731
size [# of strips]

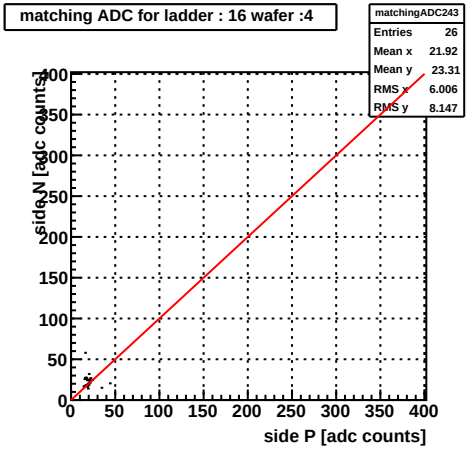

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 30
Mean x 21.2
Mean y 24
RMS x 5.095
RMS y 12.83
side N [adc counts]
side P [adc counts]

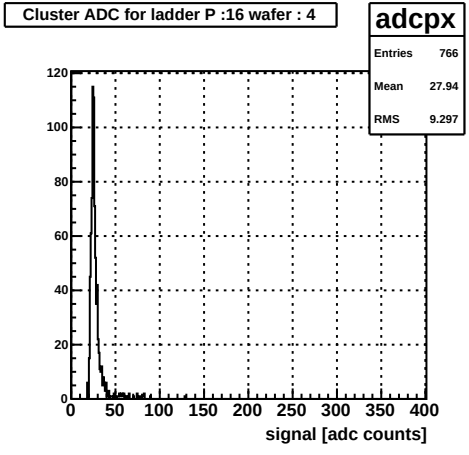

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2906
Mean 23.12
RMS 5.481
signal [adc counts]

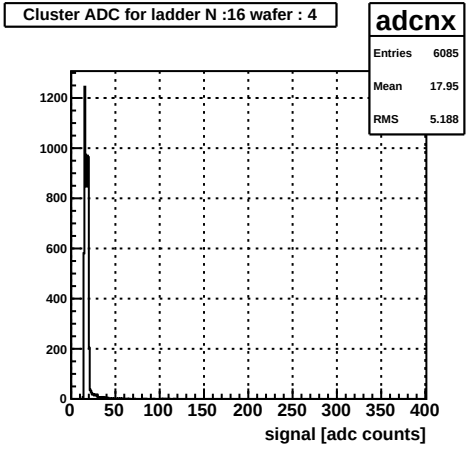

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1773
Mean 31.33
RMS 27.18
signal [adc counts]

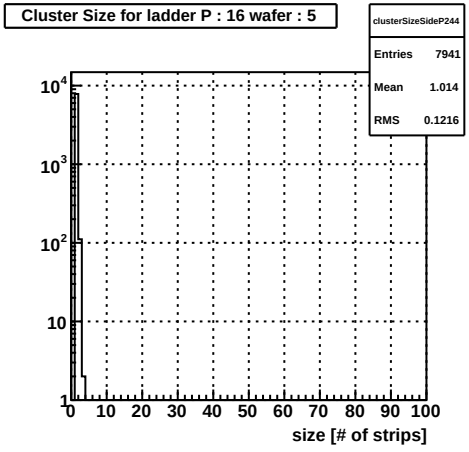

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 766
Mean 1.048
RMS 0.2586
size [# of strips]

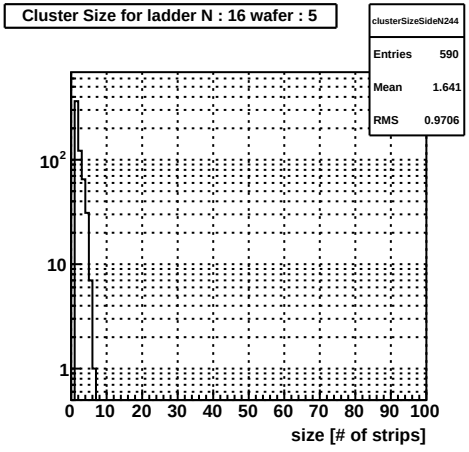

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 6085
Mean 1.012
RMS 0.1549
size [# of strips]

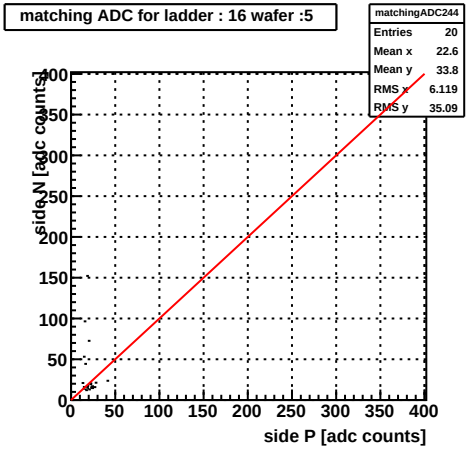

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 26
Mean x 21.92
Mean y 23.31
RMS x 6.006
RMS y 8.147
side N [adc counts]
side P [adc counts]

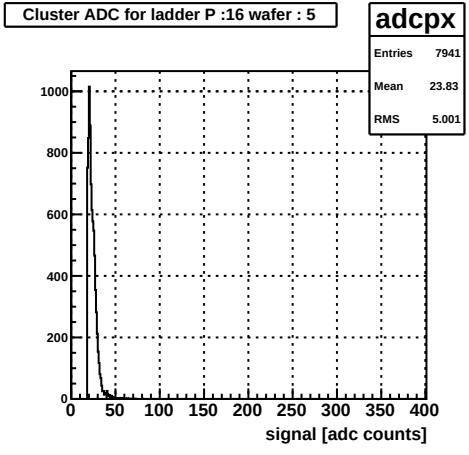

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 766
Mean 27.94
RMS 9.297
signal [adc counts]

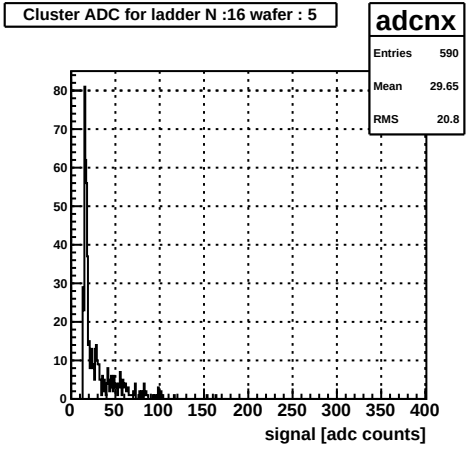

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 6085
Mean 17.95
RMS 5.188
signal [adc counts]

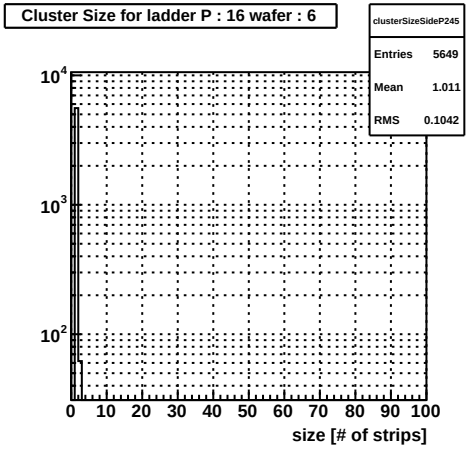

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 7941
Mean 1.014
RMS 0.1216
size [# of strips]

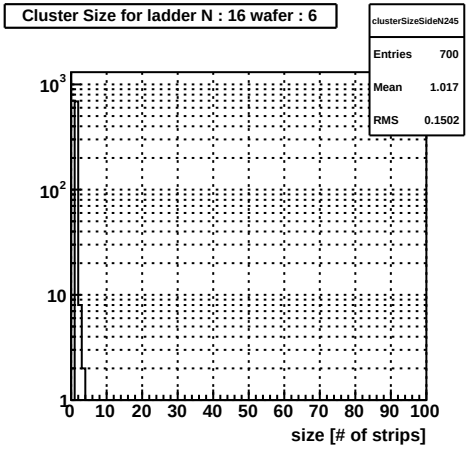

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 590
Mean 1.641
RMS 0.9706
size [# of strips]

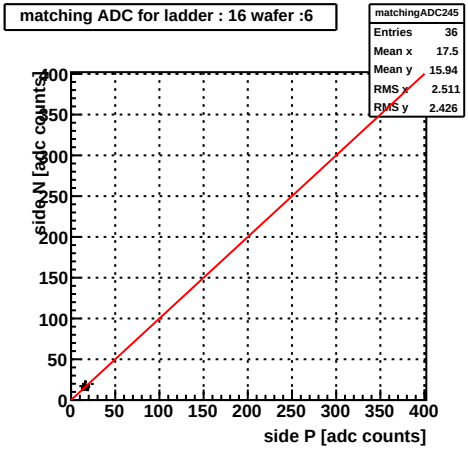

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 20
Mean x 22.6
Mean y 33.8
RMS x 6.119
RMS y 35.09
side N [adc counts]
side P [adc counts]

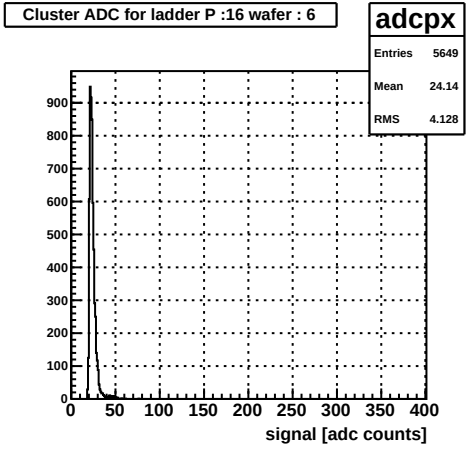

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 7941
Mean 23.83
RMS 5.001
signal [adc counts]

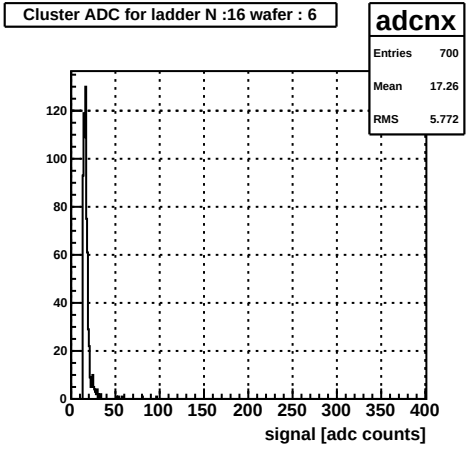

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 590
Mean 29.65
RMS 20.8
signal [adc counts]

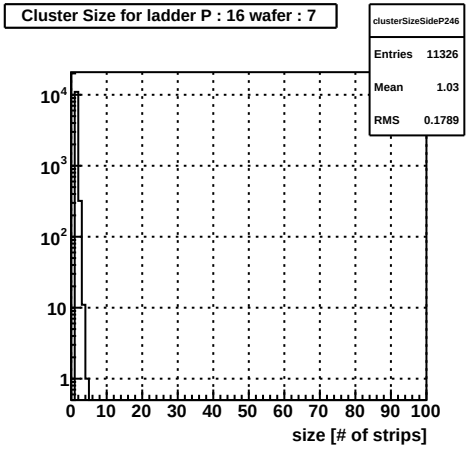

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 5649
Mean 1.011
RMS 0.1042
size [# of strips]

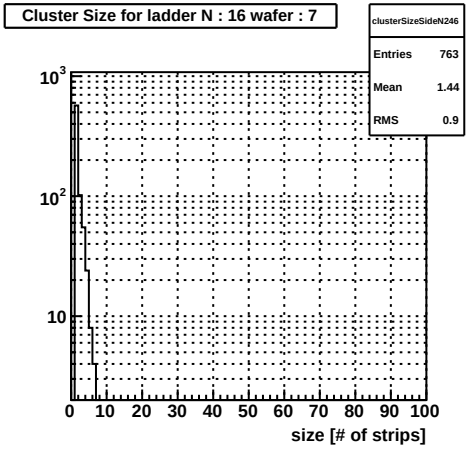

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 700
Mean 1.017
RMS 0.1502
size [# of strips]

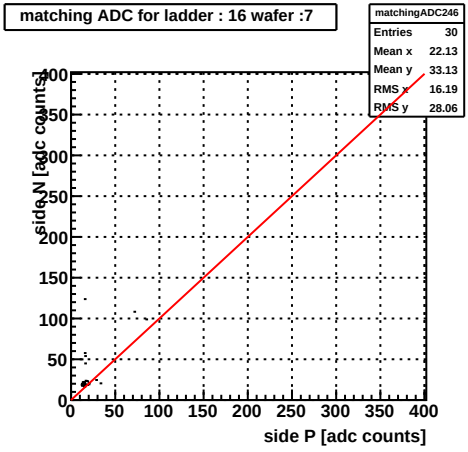

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 36
Mean x 17.5
Mean y 15.94
RMS x 2.511
RMS y 2.426
side N [adc counts]
side P [adc counts]

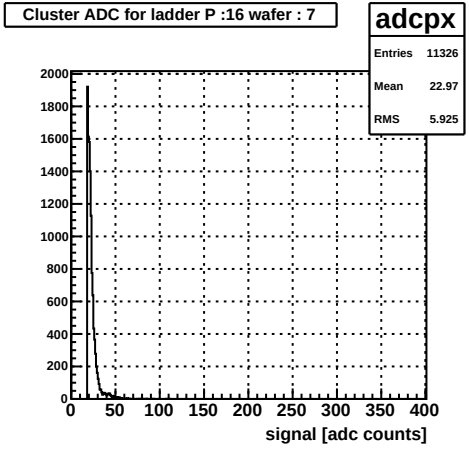

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 5649
Mean 24.14
RMS 4.128
signal [adc counts]

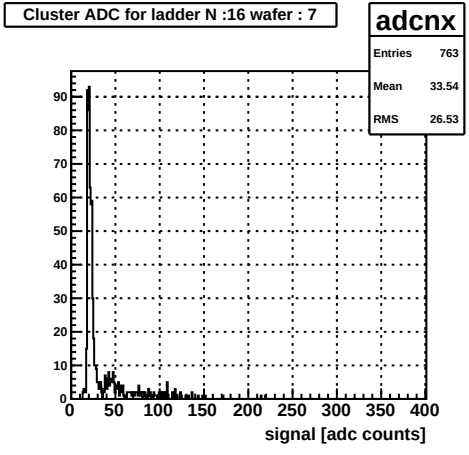

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 700
Mean 17.26
RMS 5.772
signal [adc counts]

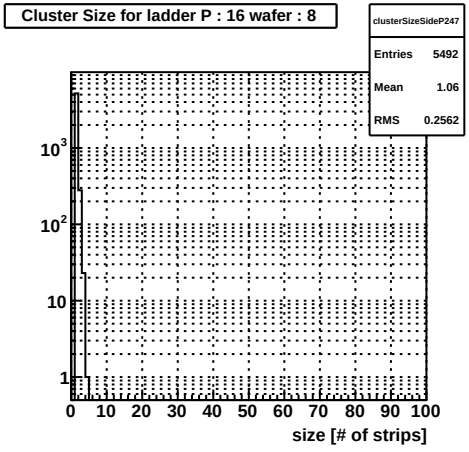

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 11326
Mean 1.03
RMS 0.1789
size [# of strips]

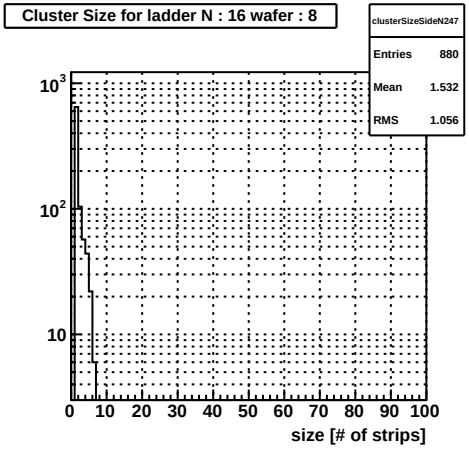

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 763
Mean 1.44
RMS 0.9
size [# of strips]

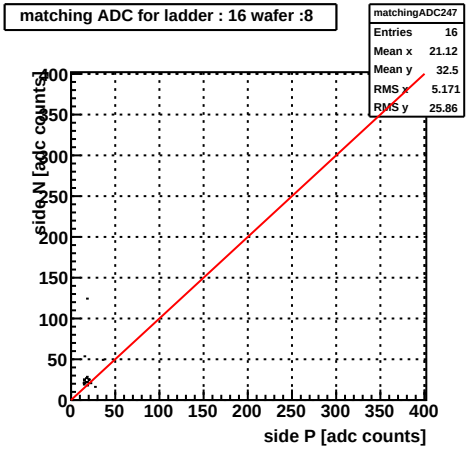

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 30
Mean x 22.13
Mean y 33.13
RMS x 16.19
RMS y 28.06
side N [adc counts]
side P [adc counts]

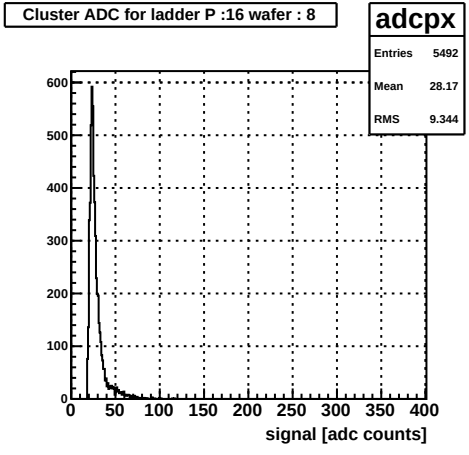

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 11326
Mean 22.97
RMS 5.925
signal [adc counts]

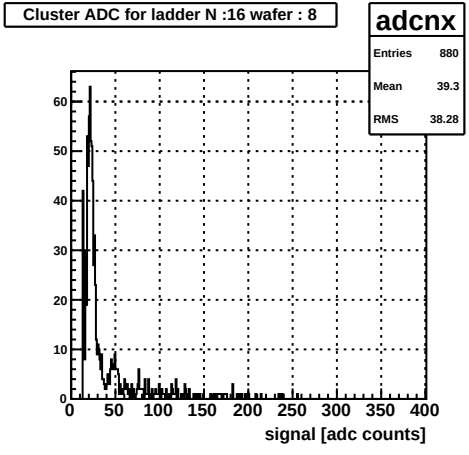

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 763
Mean 33.54
RMS 26.53
signal [adc counts]

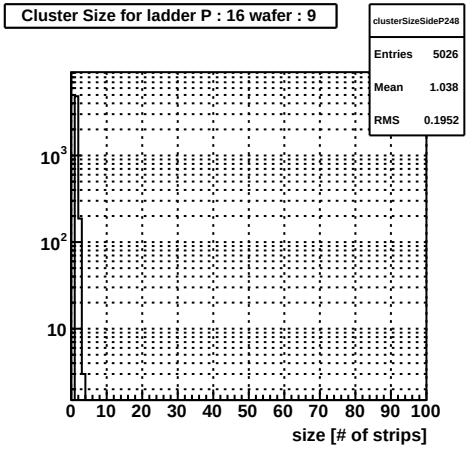

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 5492
Mean 1.06
RMS 0.2562
size [# of strips]

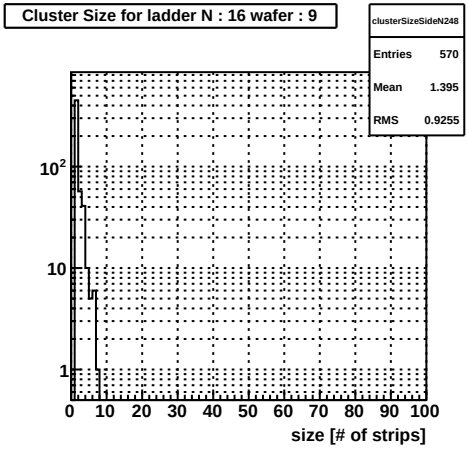

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 880
Mean 1.532
RMS 1.056
size [# of strips]

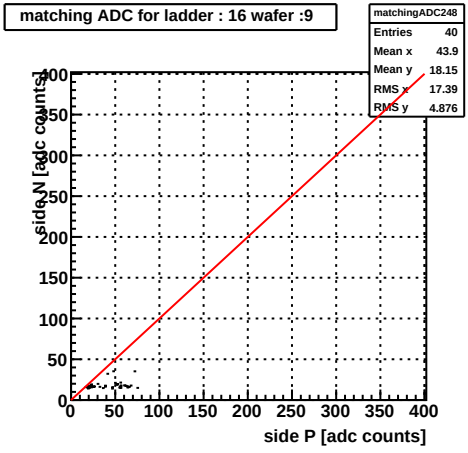

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 16
Mean x 21.12
Mean y 32.5
RMS x 5.171
RMS y 25.86
side N [adc counts]
side P [adc counts]

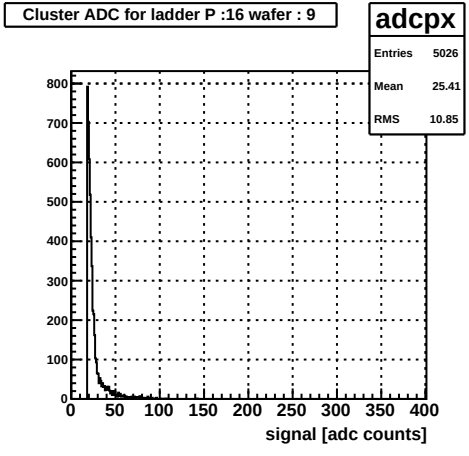

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 5492
Mean 28.17
RMS 9.344
signal [adc counts]

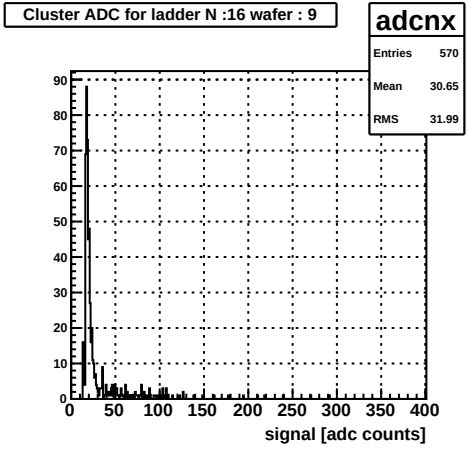

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 880
Mean 39.3
RMS 38.28
signal [adc counts]

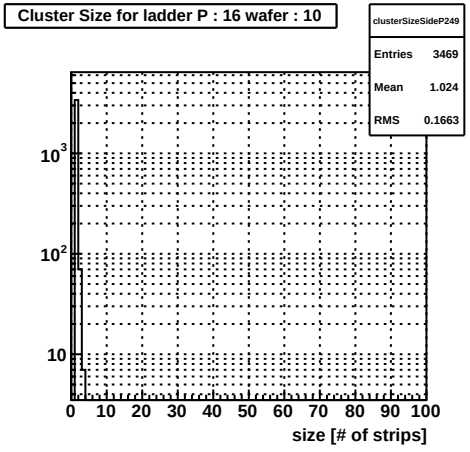

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 5026
Mean 1.038
RMS 0.1952
size [# of strips]

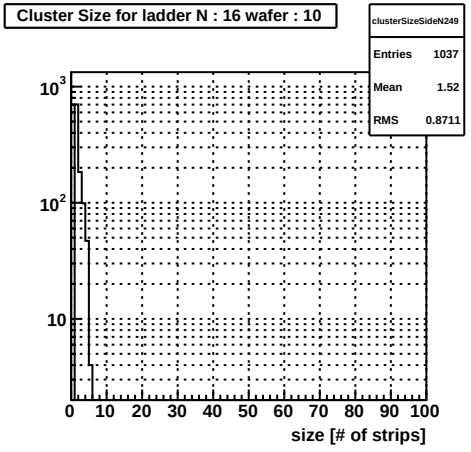

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 570
Mean 1.395
RMS 0.9255
size [# of strips]

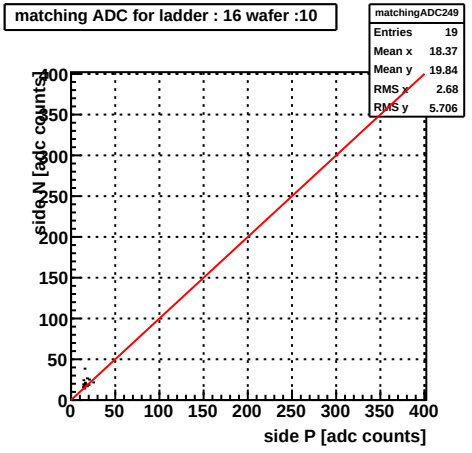

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 40
Mean x 43.9
Mean y 18.15
RMS x 17.39
RMS y 4.876
side N [adc counts]
side P [adc counts]

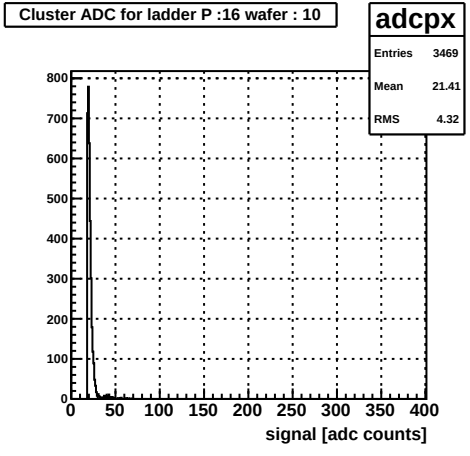

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 5026
Mean 25.41
RMS 10.85
signal [adc counts]

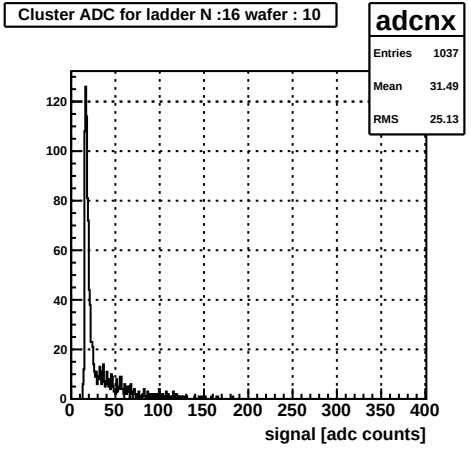

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 570
Mean 30.65
RMS 31.99
signal [adc counts]

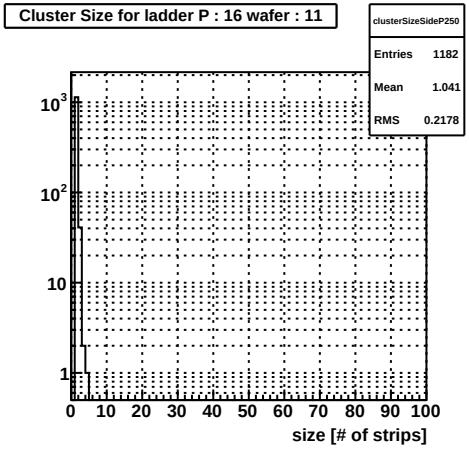

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 3469
Mean 1.024
RMS 0.1663
size [# of strips]

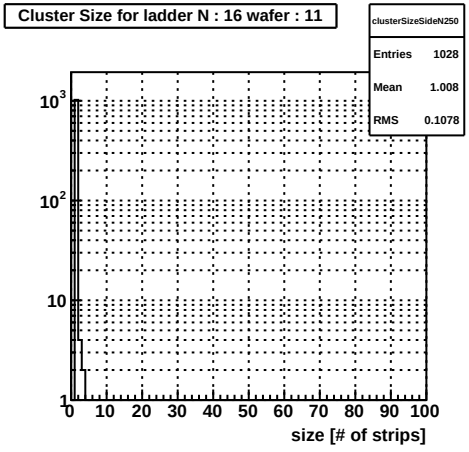

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1037
Mean 1.52
RMS 0.8711
size [# of strips]

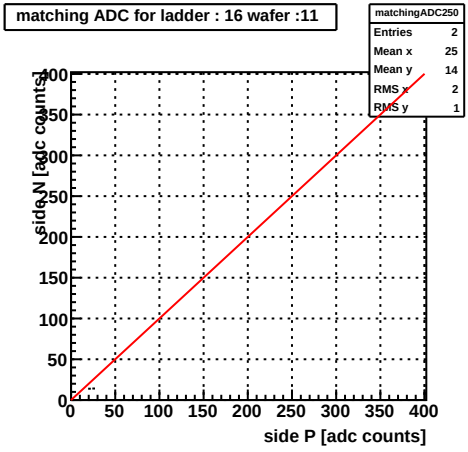

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 19
Mean x 18.37
Mean y 19.84
RMS x 2.68
RMS y 5.706
side N [adc counts]
side P [adc counts]

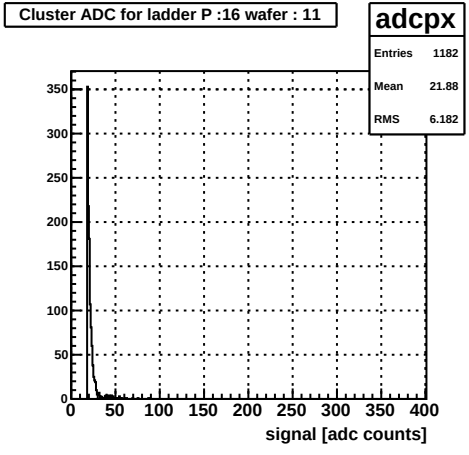

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 3469
Mean 21.41
RMS 4.32
signal [adc counts]

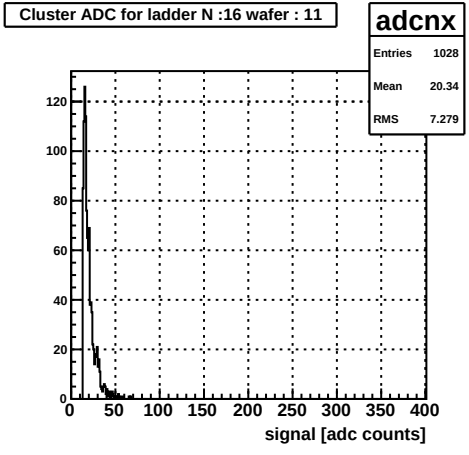

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1037
Mean 31.49
RMS 25.13
signal [adc counts]

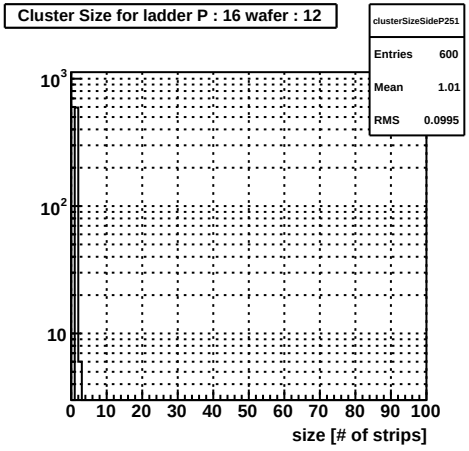

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1182
Mean 1.041
RMS 0.2178
size [# of strips]

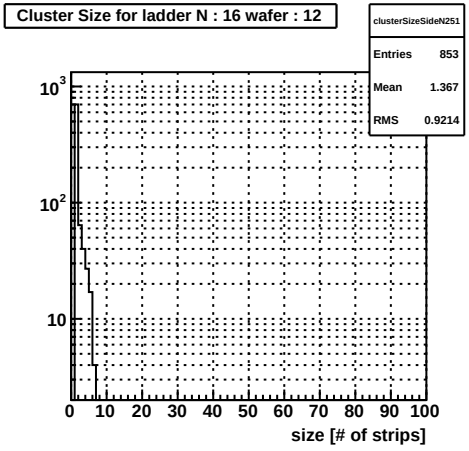

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1028
Mean 1.008
RMS 0.1078
size [# of strips]

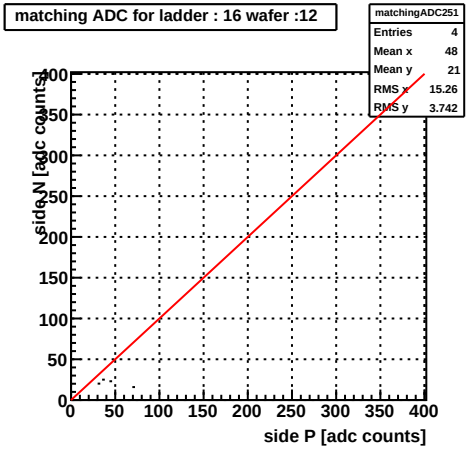

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 2
Mean x 25
Mean y 14
RMS x 2
RMS y 1
side N [adc counts]
side P [adc counts]

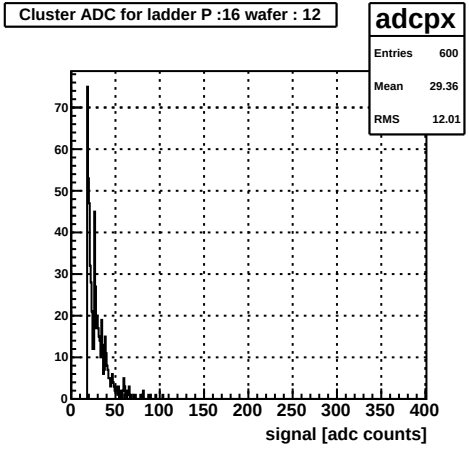

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1182
Mean 21.88
RMS 6.182
signal [adc counts]

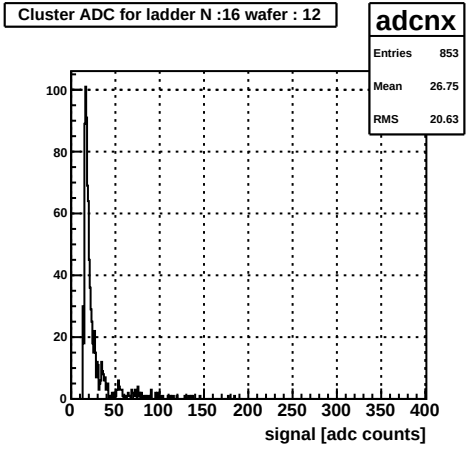

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1028
Mean 20.34
RMS 7.279
signal [adc counts]

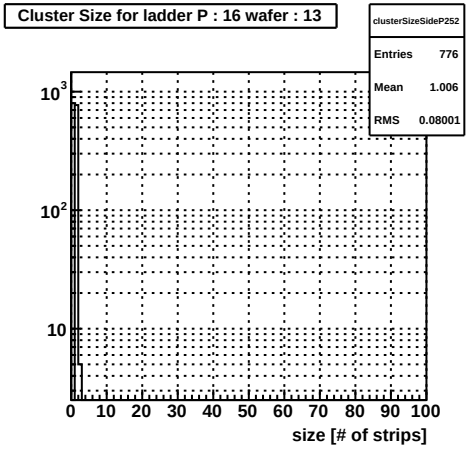

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 600
Mean 1.01
RMS 0.0995
size [# of strips]

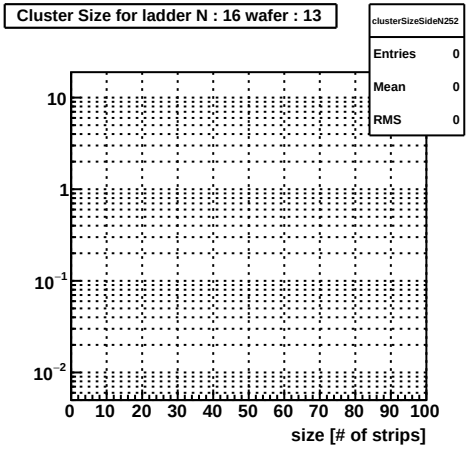

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 853
Mean 1.367
RMS 0.9214
size [# of strips]

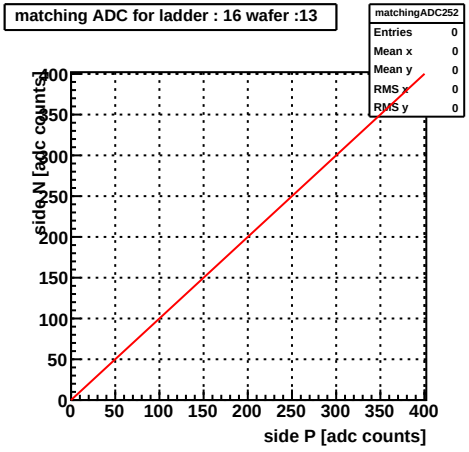

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 4
Mean x 48
Mean y 21
RMS x 15.26
RMS y 3.742
side N [adc counts]
side P [adc counts]

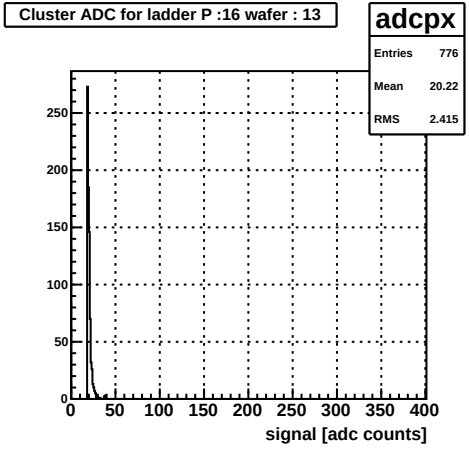

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 600
Mean 29.36
RMS 12.01
signal [adc counts]

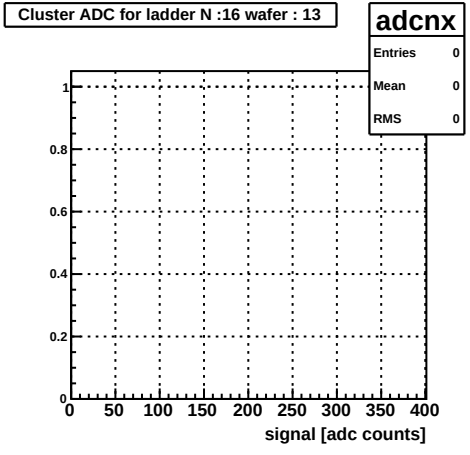

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 853
Mean 26.75
RMS 20.63
signal [adc counts]

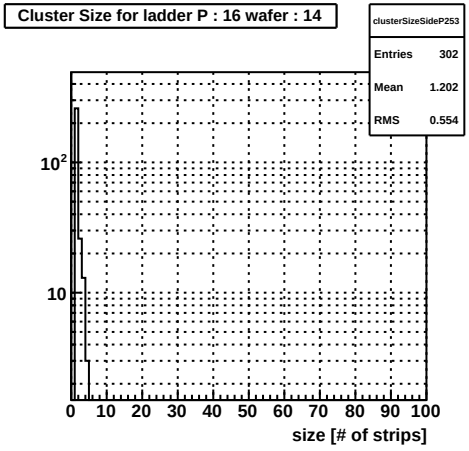

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 776
Mean 1.006
RMS 0.08001
size [# of strips]

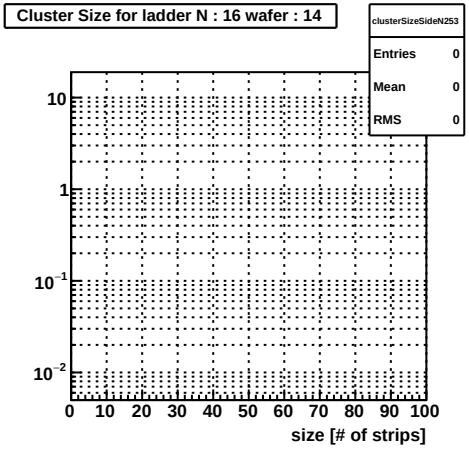

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

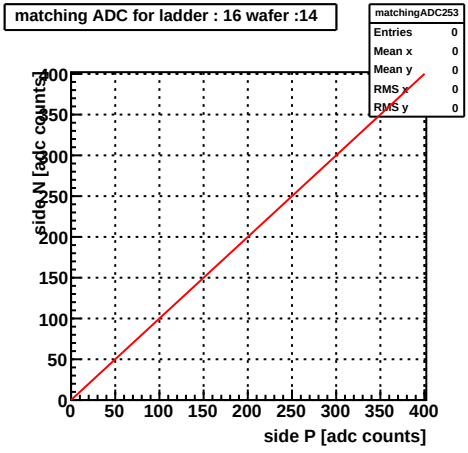

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

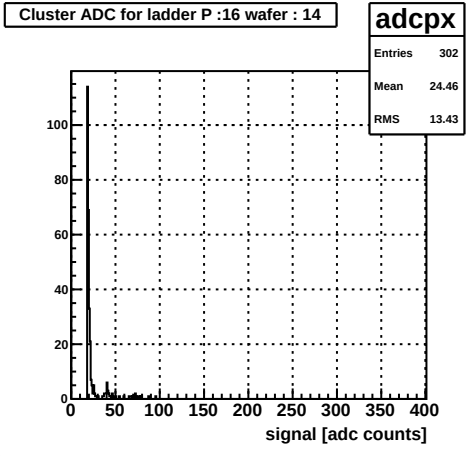

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 776
Mean 20.22
RMS 2.415
signal [adc counts]

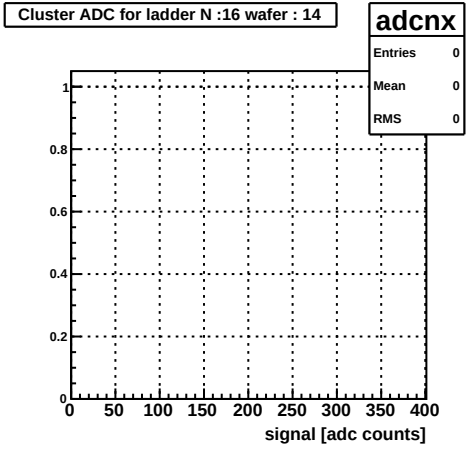

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

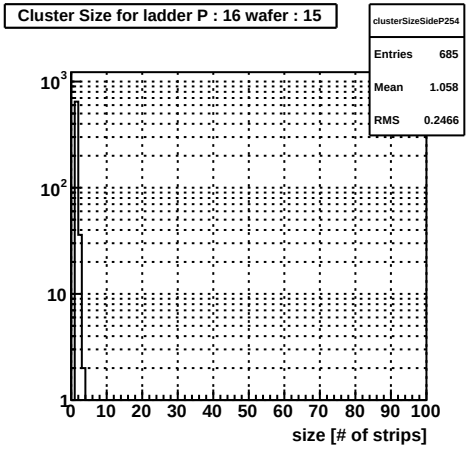

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 302
Mean 1.202
RMS 0.554
size [# of strips]

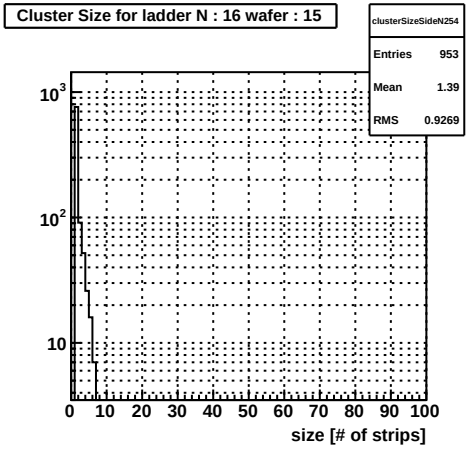

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

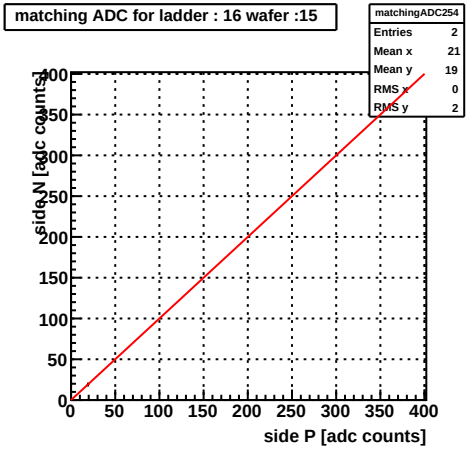

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

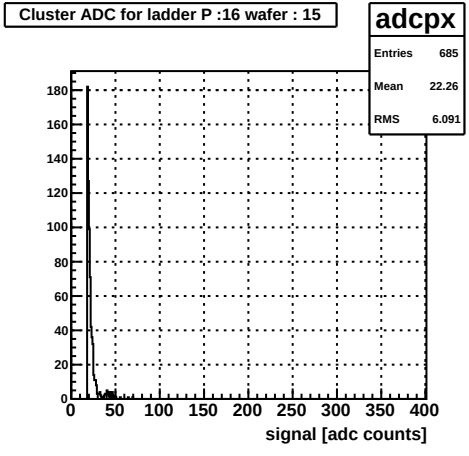

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 302
Mean 24.46
RMS 13.43
signal [adc counts]

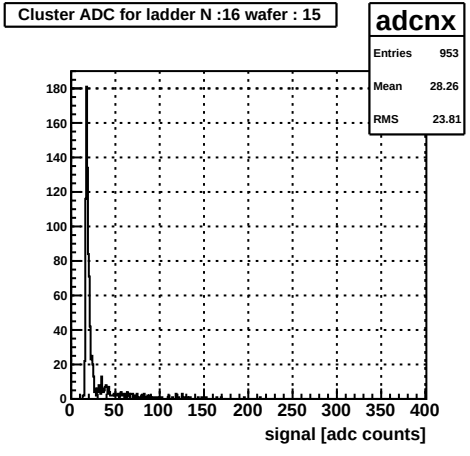

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

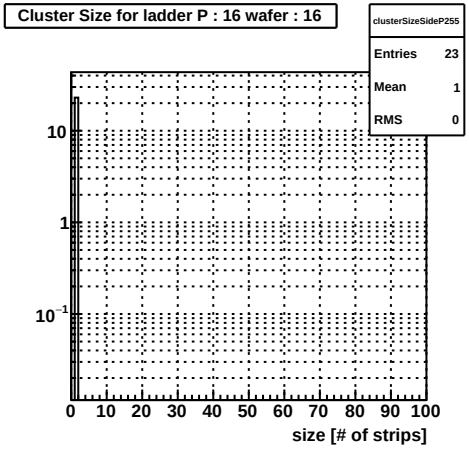

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 685
Mean 1.058
RMS 0.2466
size [# of strips]

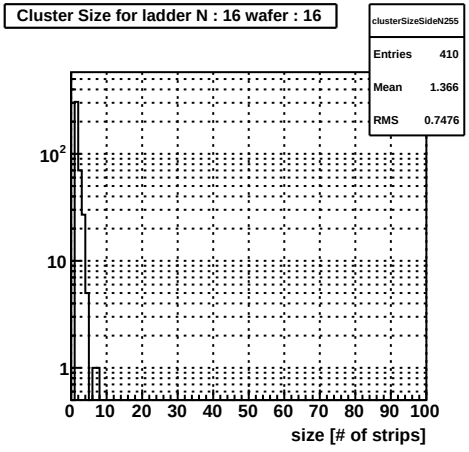

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 953
Mean 1.39
RMS 0.9269
size [# of strips]

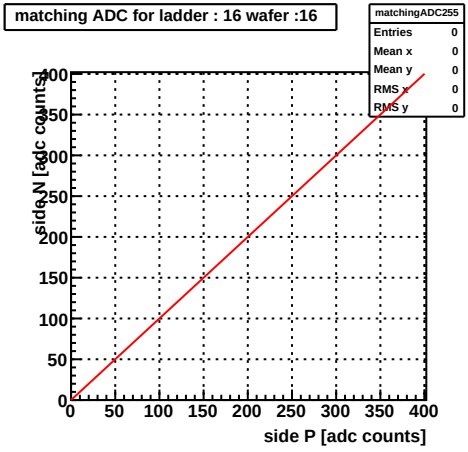

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 2
Mean x 21
Mean y 19
RMS x 0
RMS y 2
side N [adc counts]
side P [adc counts]

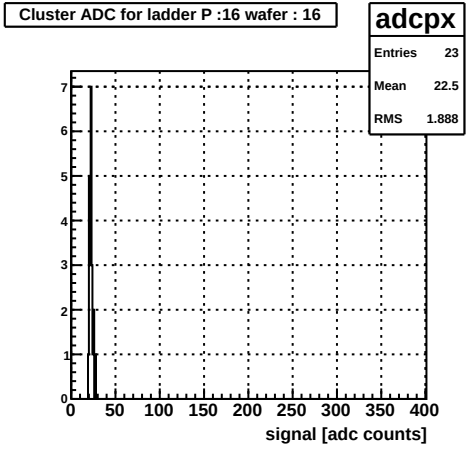

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 685
Mean 22.26
RMS 6.091
signal [adc counts]

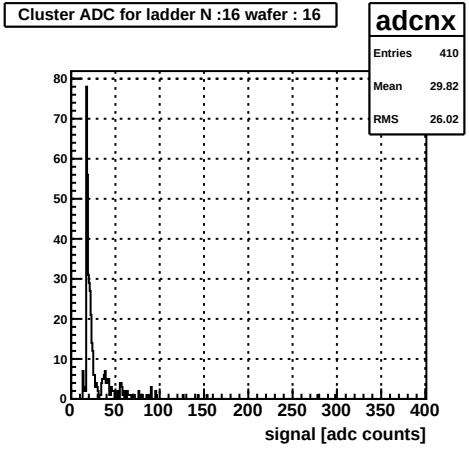

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 953
Mean 28.26
RMS 23.81
signal [adc counts]

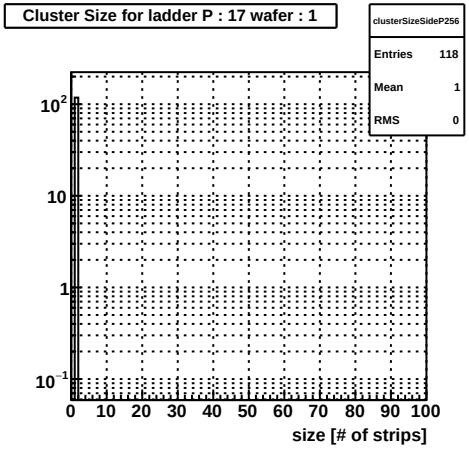

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 23
Mean 1
RMS 0
size [# of strips]

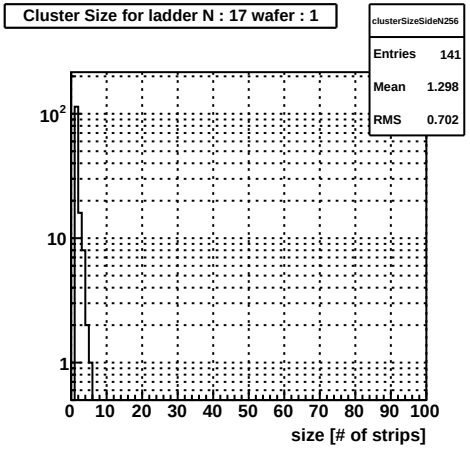

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 410
Mean 1.366
RMS 0.7476
size [# of strips]

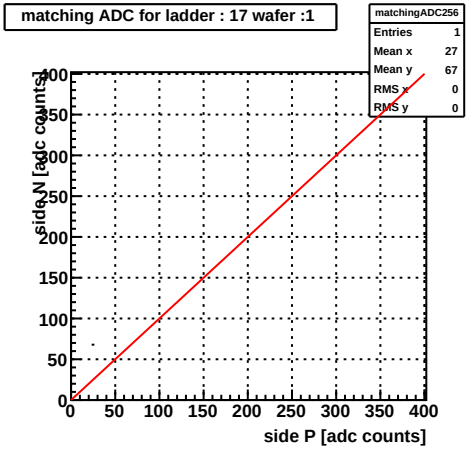

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

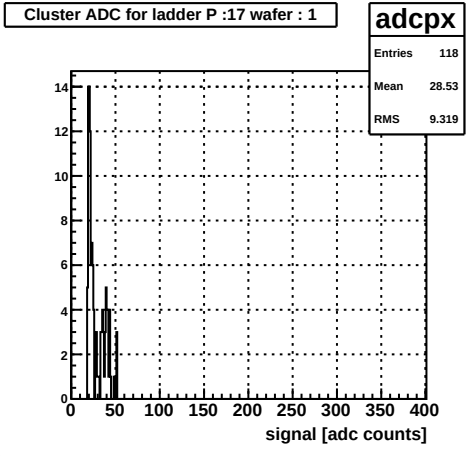

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 23
Mean 22.5
RMS 1.888
signal [adc counts]

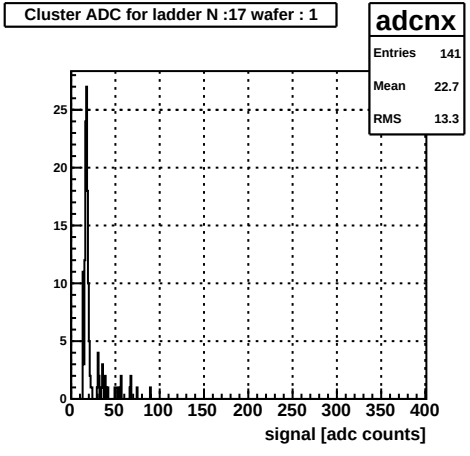

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 410
Mean 29.82
RMS 26.02
signal [adc counts]

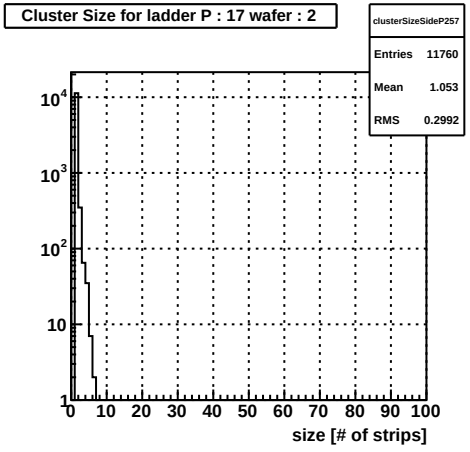

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 118
Mean 1
RMS 0
size [# of strips]

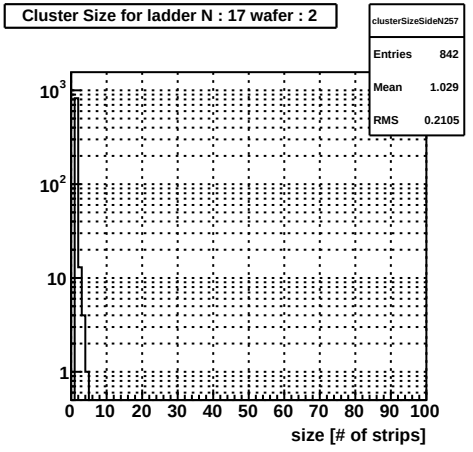

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 141
Mean 1.298
RMS 0.702
size [# of strips]

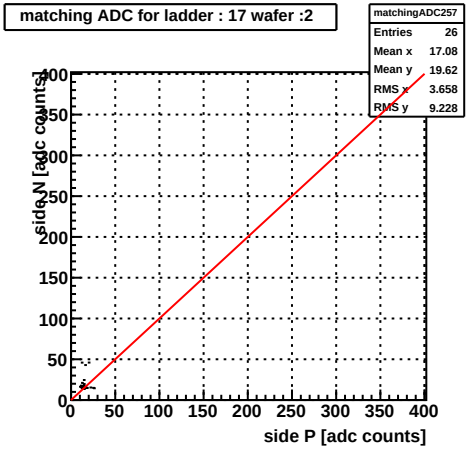

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1
Mean x 27
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

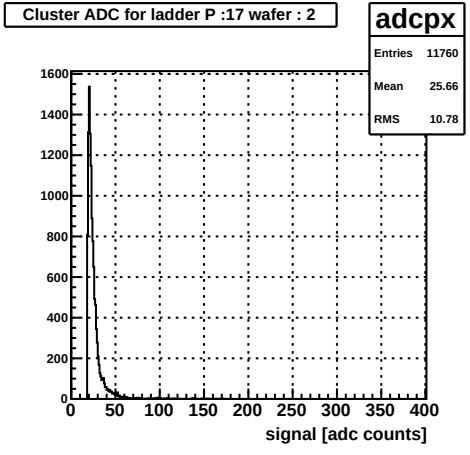

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 118
Mean 28.53
RMS 9.319
signal [adc counts]

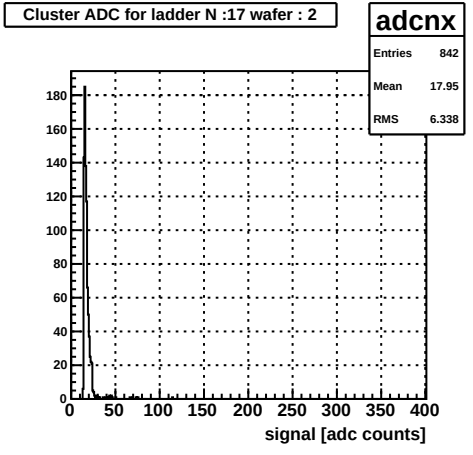

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 141
Mean 22.7
RMS 13.3
signal [adc counts]

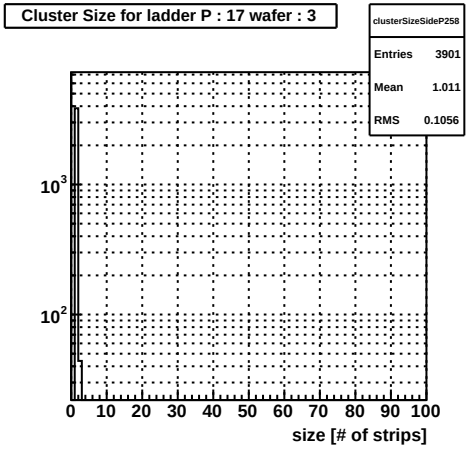

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 11760
Mean 1.053
RMS 0.2992
size [# of strips]

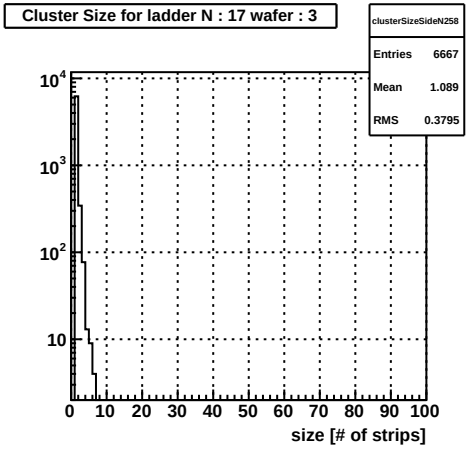

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 842
Mean 1.029
RMS 0.2105
size [# of strips]

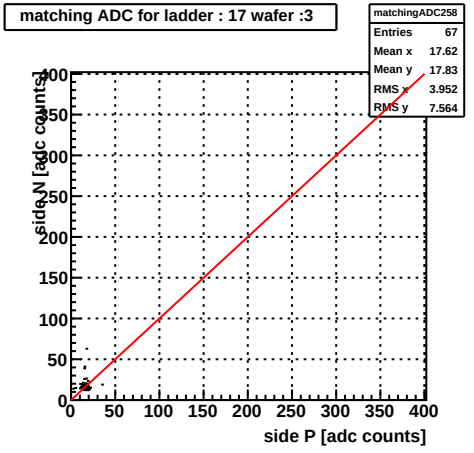

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 26
Mean x 17.08
Mean y 19.62
RMS x 3.658
RMS y 9.228
side N [adc counts]
side P [adc counts]

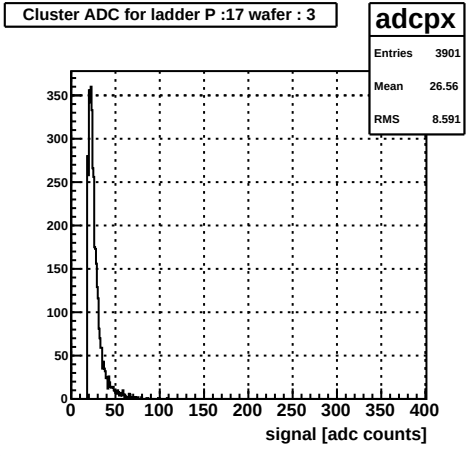

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 11760
Mean 25.66
RMS 10.78
signal [adc counts]

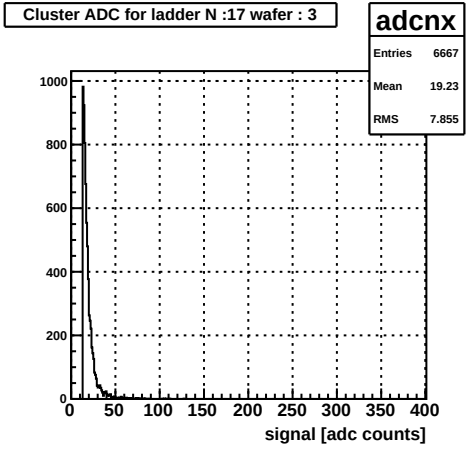

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 842
Mean 17.95
RMS 6.338
signal [adc counts]

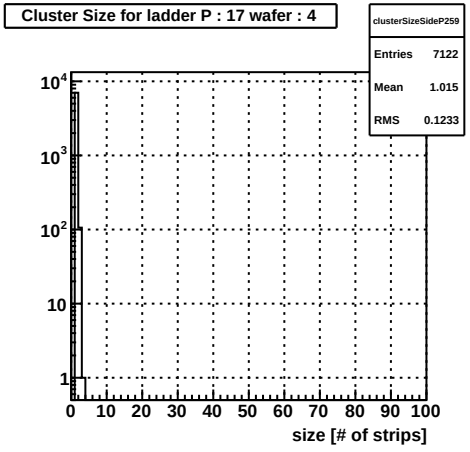

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3901
Mean 1.011
RMS 0.1056
size [# of strips]

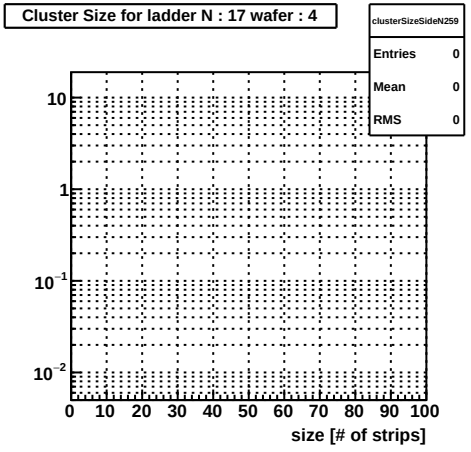

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 6667
Mean 1.089
RMS 0.3795
size [# of strips]

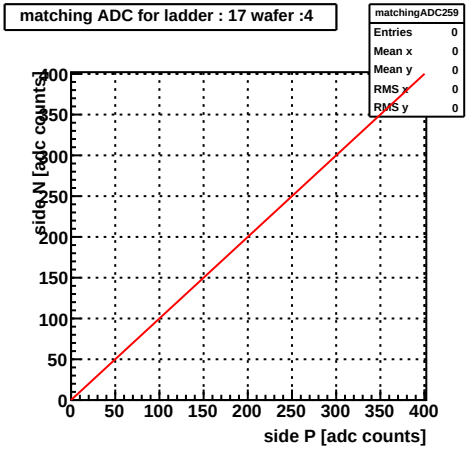

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 67
Mean x 17.62
Mean y 17.83
RMS x 3.952
RMS y 7.564
side N [adc counts]
side P [adc counts]

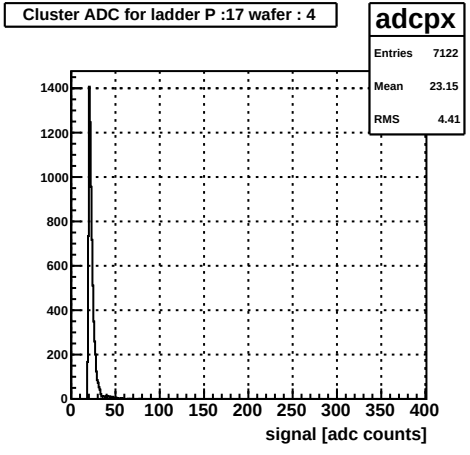

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3901
Mean 26.56
RMS 8.591
signal [adc counts]

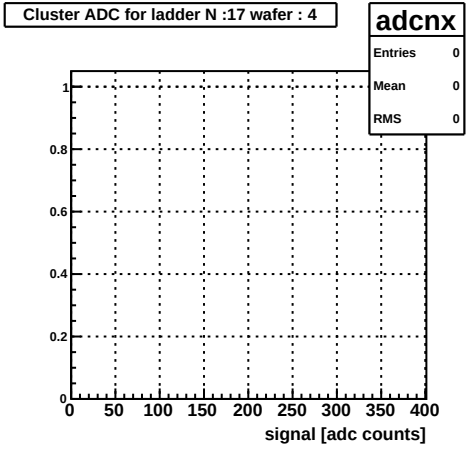

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 6667
Mean 19.23
RMS 7.855
signal [adc counts]

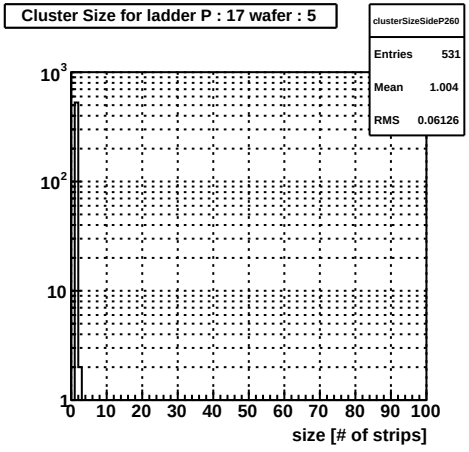

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 7122
Mean 1.015
RMS 0.1233
size [# of strips]

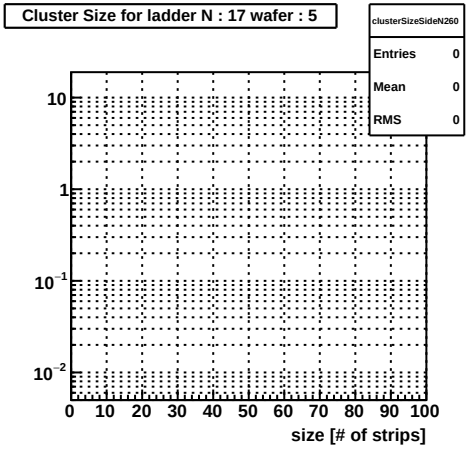

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

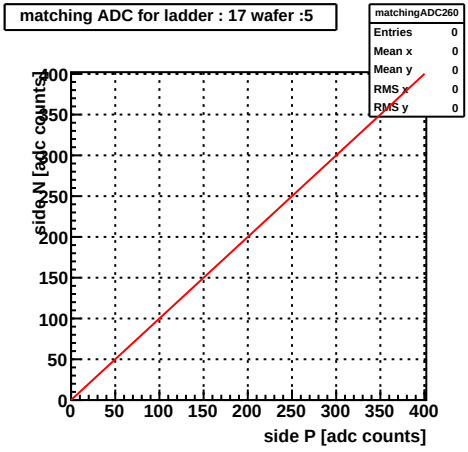

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

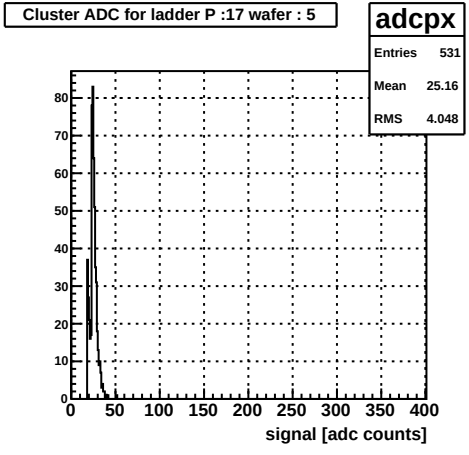

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 7122
Mean 23.15
RMS 4.41
signal [adc counts]

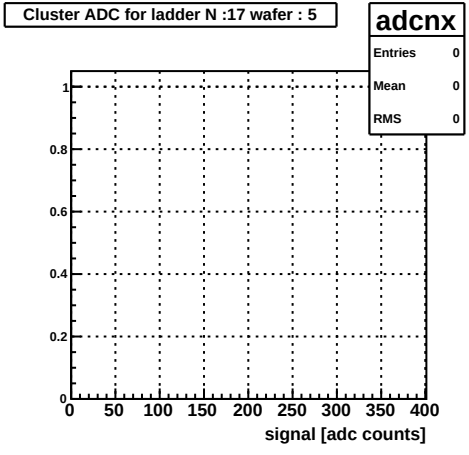

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

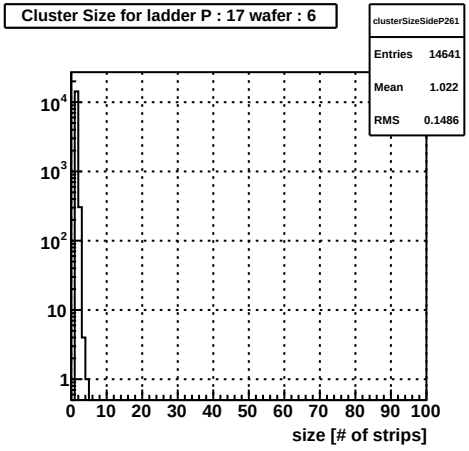

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 531
Mean 1.004
RMS 0.06126
size [# of strips]

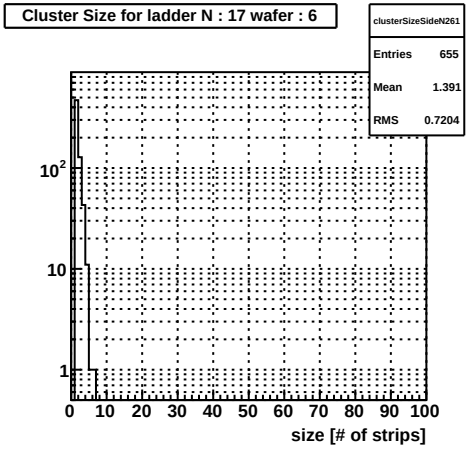

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

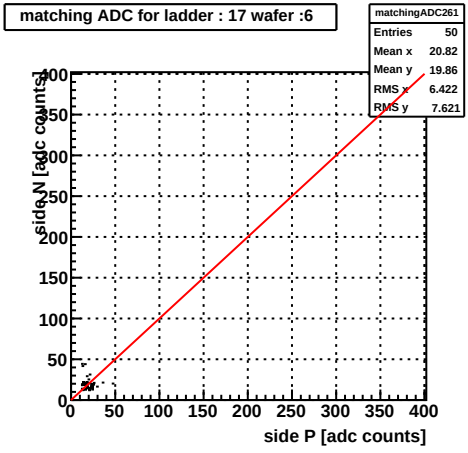

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

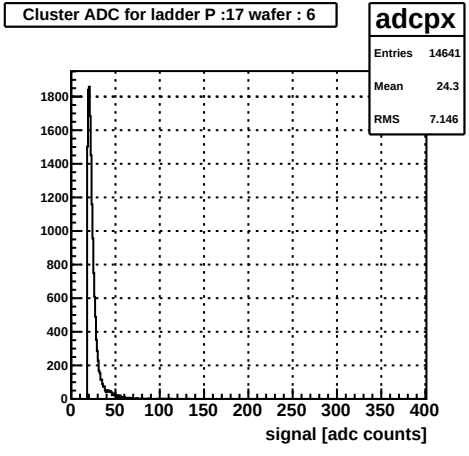

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 531
Mean 25.16
RMS 4.048
signal [adc counts]

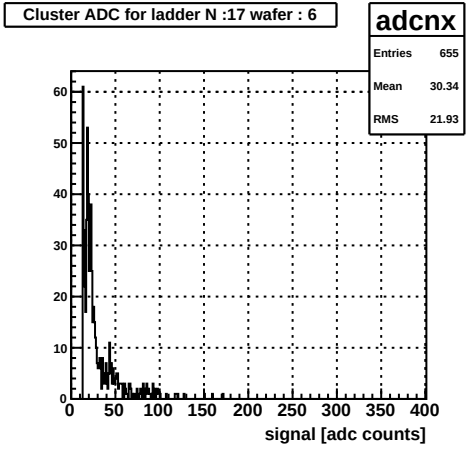

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

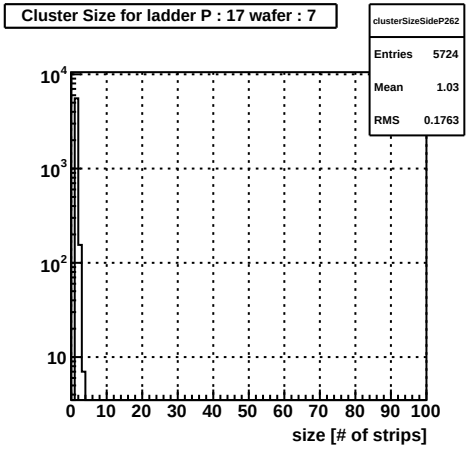

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 14641
Mean 1.022
RMS 0.1486
size [# of strips]

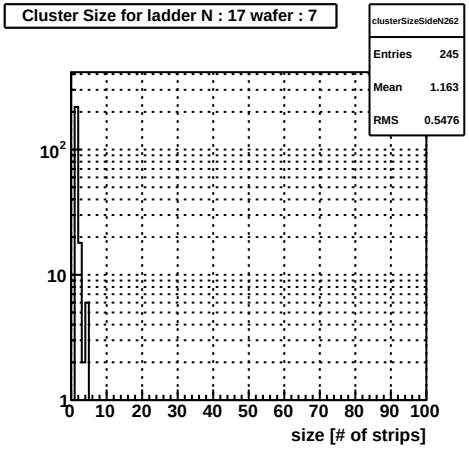

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 655
Mean 1.391
RMS 0.7204
size [# of strips]

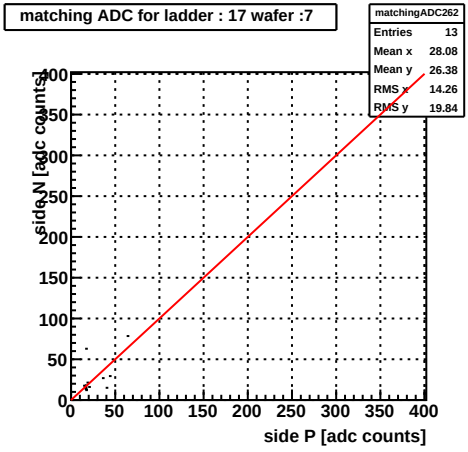

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 50
Mean x 20.82
Mean y 19.86
RMS x 6.422
RMS y 7.621
side N [adc counts]
side P [adc counts]

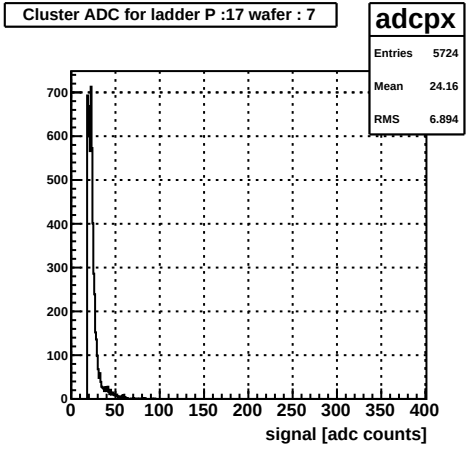

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 14641
Mean 24.3
RMS 7.146
signal [adc counts]

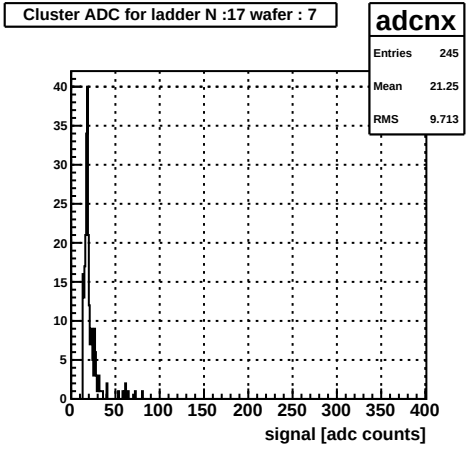

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 655
Mean 30.34
RMS 21.93
signal [adc counts]

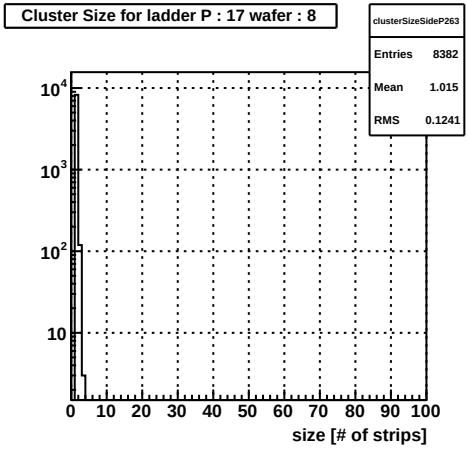

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 5724
Mean 1.03
RMS 0.1763
size [# of strips]

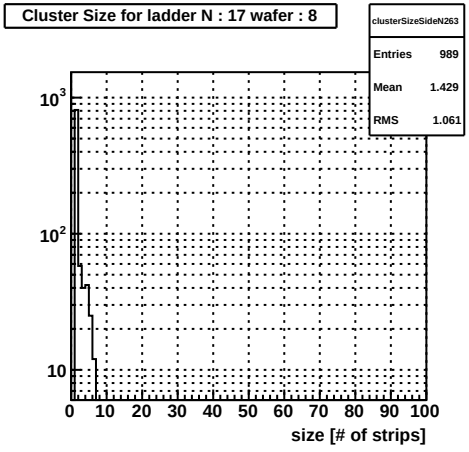

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 245
Mean 1.163
RMS 0.5476
size [# of strips]

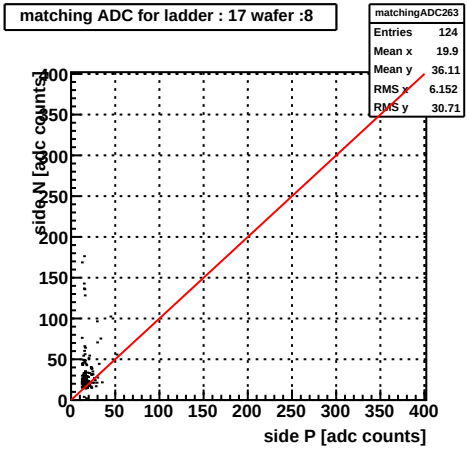

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 13
Mean x 28.08
Mean y 26.38
RMS x 14.26
RMS y 19.84
side N [adc counts]
side P [adc counts]

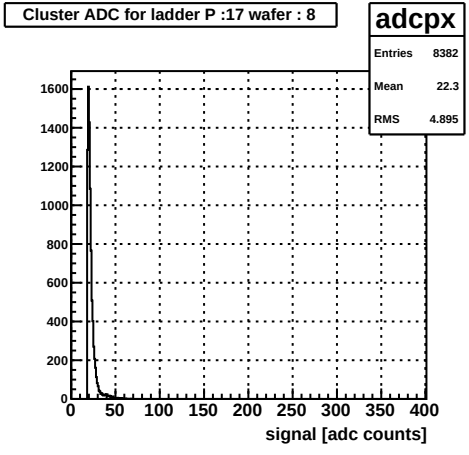

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 5724
Mean 24.16
RMS 6.894
signal [adc counts]

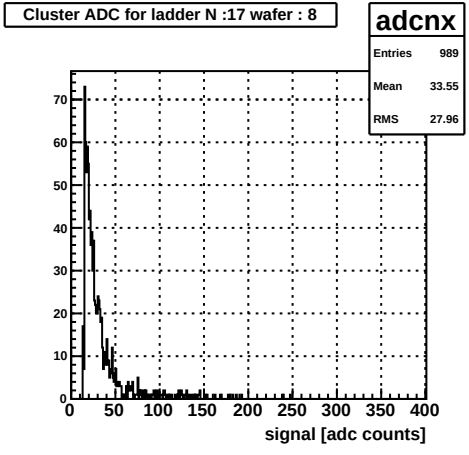

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 245
Mean 21.25
RMS 9.713
signal [adc counts]

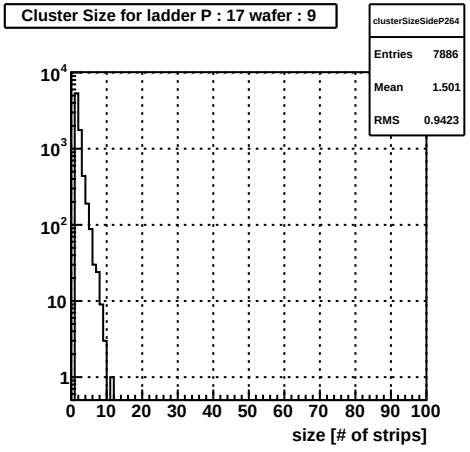

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 8382
Mean 1.015
RMS 0.1241
size [# of strips]

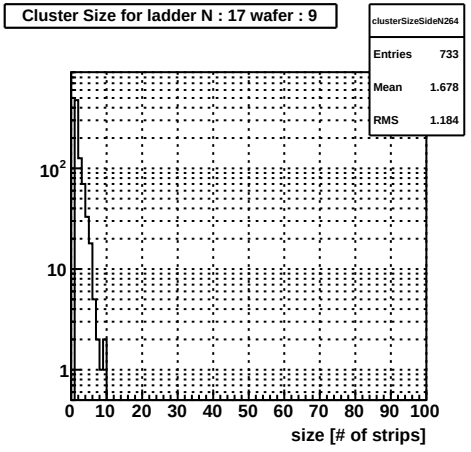

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 989
Mean 1.429
RMS 1.061
size [# of strips]

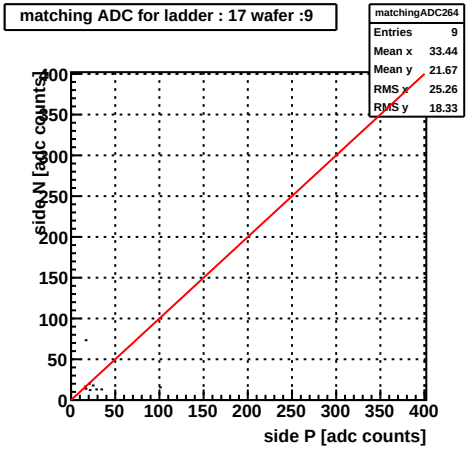

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 124
Mean x 19.9
Mean y 36.11
RMS x 6.152
RMS y 30.71
side N [adc counts]
side P [adc counts]

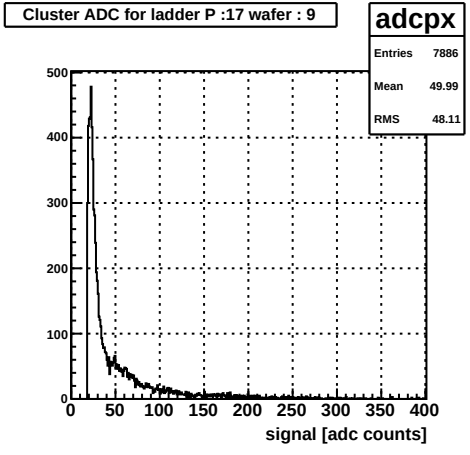

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 8382
Mean 22.3
RMS 4.895
signal [adc counts]

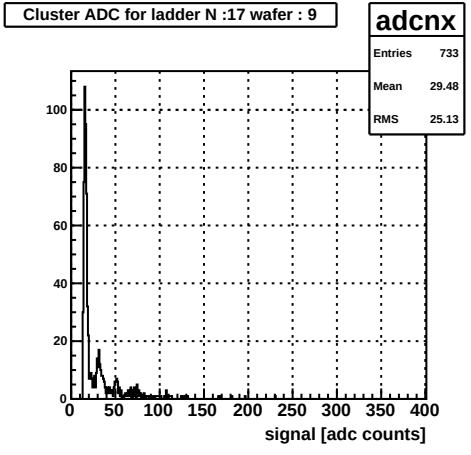

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 989
Mean 33.55
RMS 27.96
signal [adc counts]

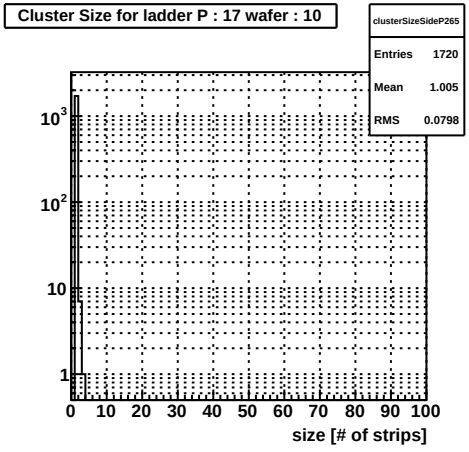

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 7886
Mean 1.501
RMS 0.9423
size [# of strips]

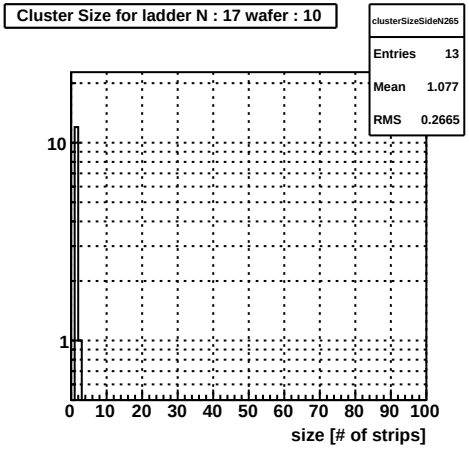

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 733
Mean 1.678
RMS 1.184
size [# of strips]

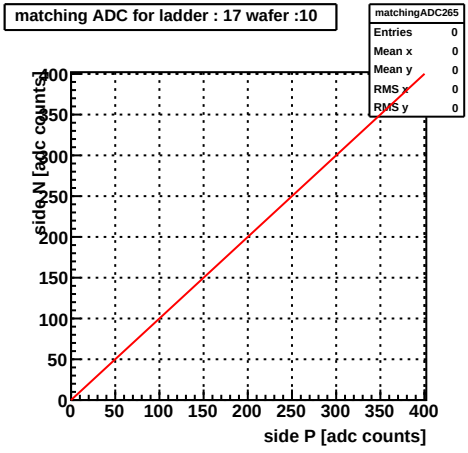

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 9
Mean x 33.44
Mean y 21.67
RMS x 25.26
RMS y 18.33
side N [adc counts]
side P [adc counts]

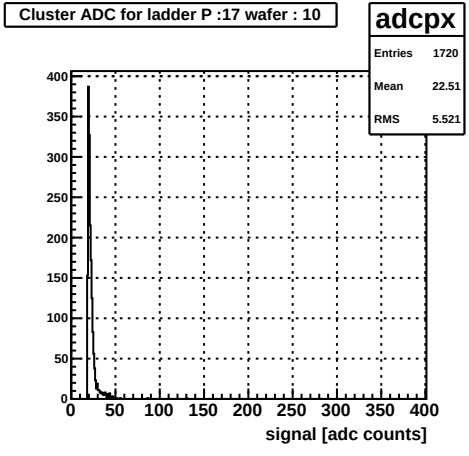

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 7886
Mean 49.99
RMS 48.11
signal [adc counts]

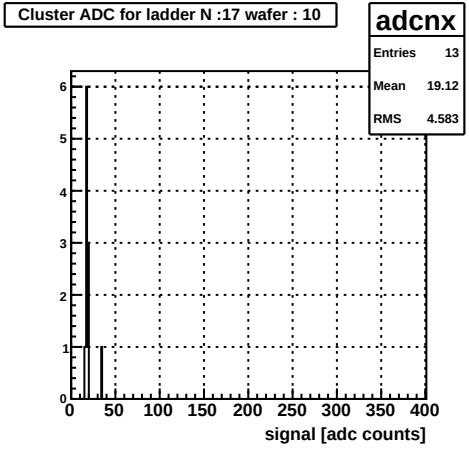

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 733
Mean 29.48
RMS 25.13
signal [adc counts]

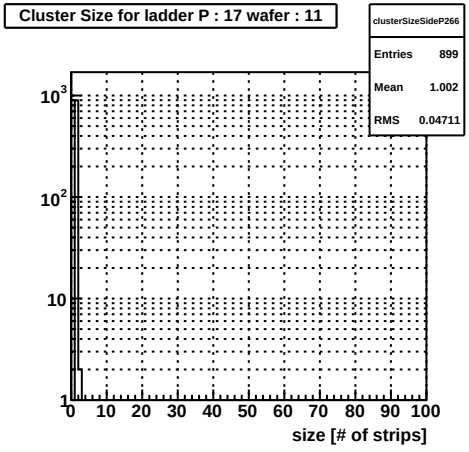

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 1720
Mean 1.005
RMS 0.0798
size [# of strips]

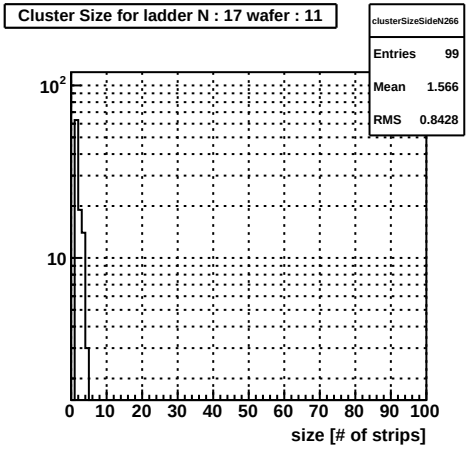

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

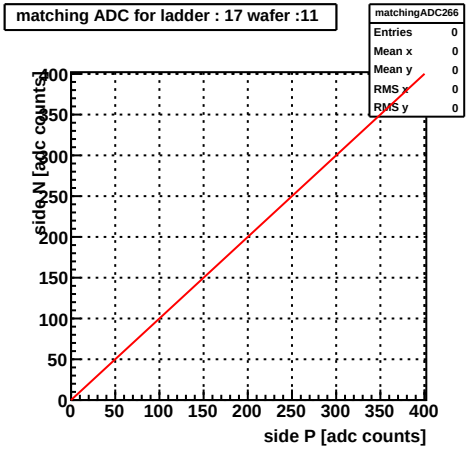

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

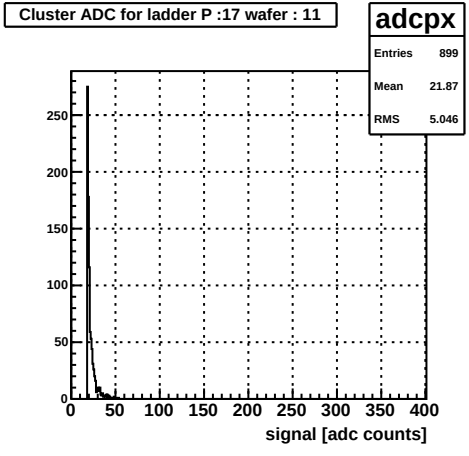

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 1720
Mean 22.51
RMS 5.521
signal [adc counts]

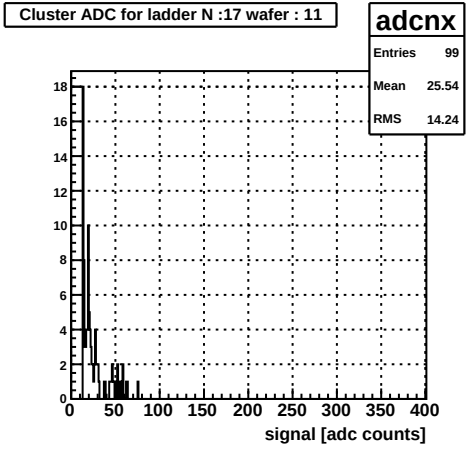

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 13
Mean 19.12
RMS 4.583
signal [adc counts]

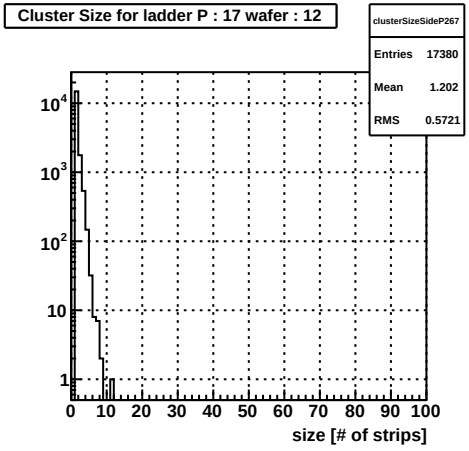

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 899
Mean 1.002
RMS 0.04711
size [# of strips]

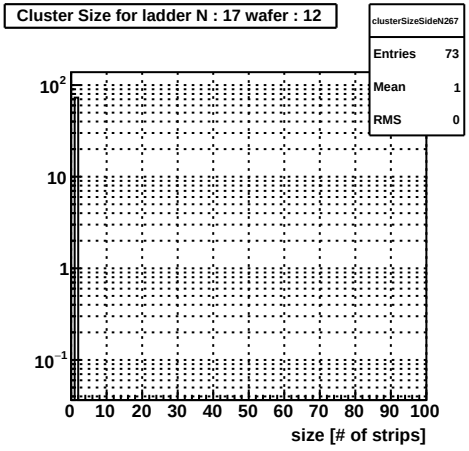

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 99
Mean 1.566
RMS 0.8428
size [# of strips]

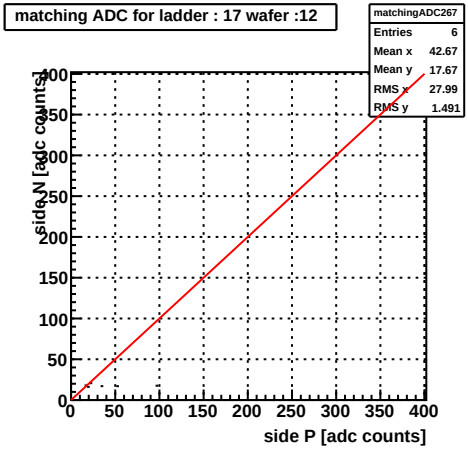

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

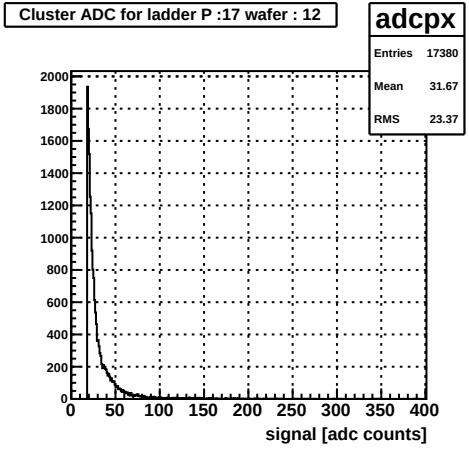

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 899
Mean 21.87
RMS 5.046
signal [adc counts]

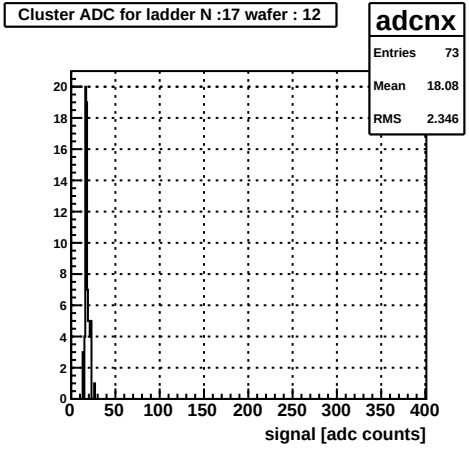

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 99
Mean 25.54
RMS 14.24
signal [adc counts]

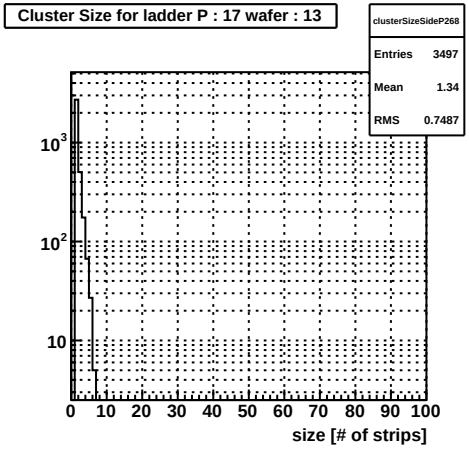

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 17380
Mean 1.202
RMS 0.5721
size [# of strips]

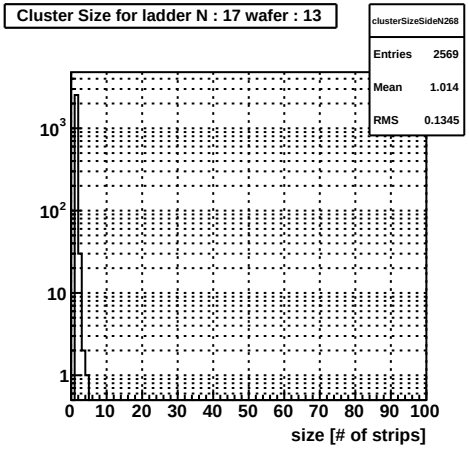

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 73
Mean 1
RMS 0
size [# of strips]

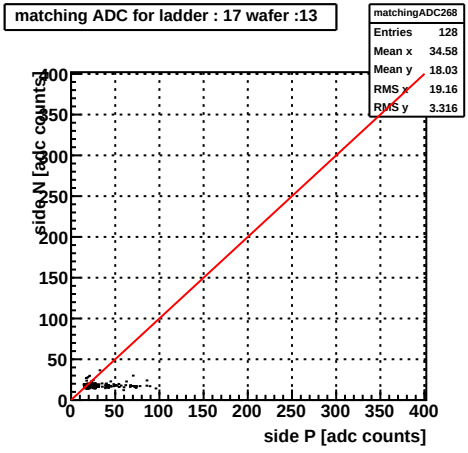

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6
Mean x 42.67
Mean y 17.67
RMS x 27.99
RMS y 1.491
side N [adc counts]
side P [adc counts]

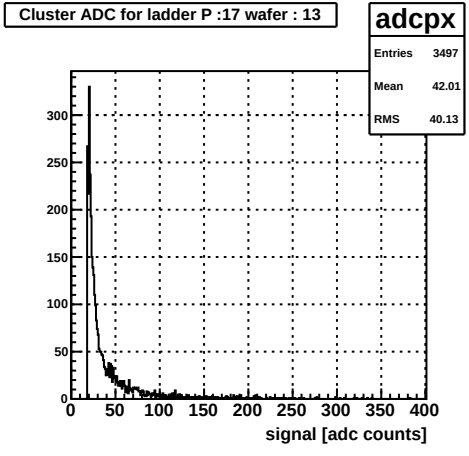

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 17380
Mean 31.67
RMS 23.37
signal [adc counts]

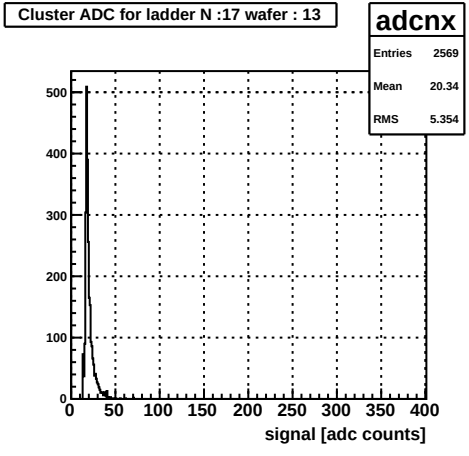

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 73
Mean 18.08
RMS 2.346
signal [adc counts]

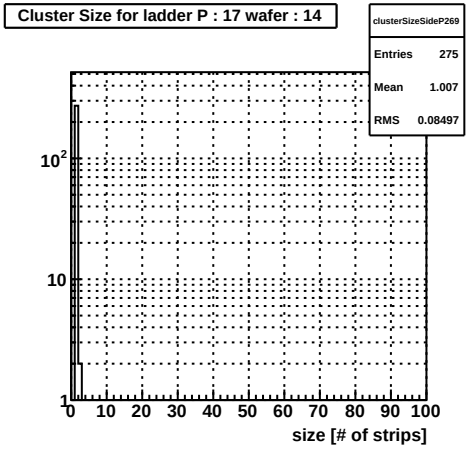

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3497
Mean 1.34
RMS 0.7487
size [# of strips]

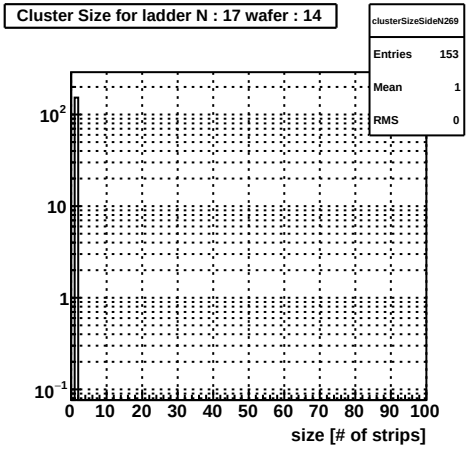

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 2569
Mean 1.014
RMS 0.1345
size [# of strips]

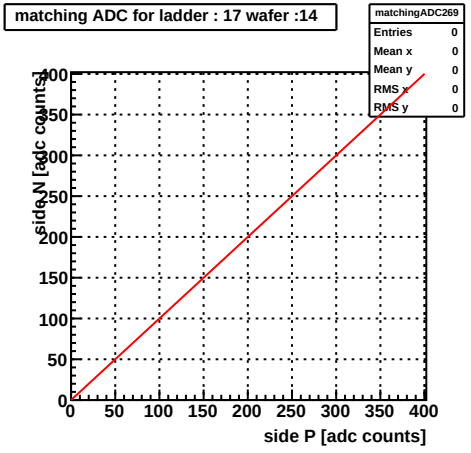

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 128
Mean x 34.58
Mean y 18.03
RMS x 19.16
RMS y 3.316
side N [adc counts]
side P [adc counts]

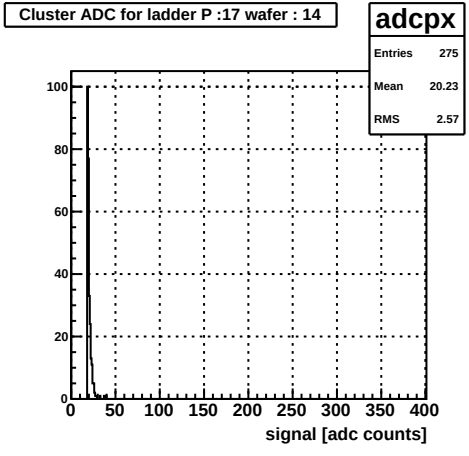

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3497
Mean 42.01
RMS 40.13
signal [adc counts]

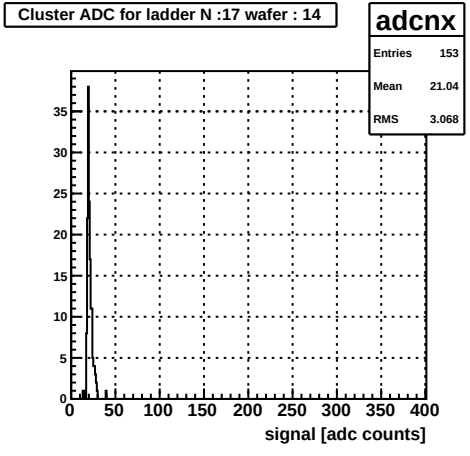

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 2569
Mean 20.34
RMS 5.354
signal [adc counts]

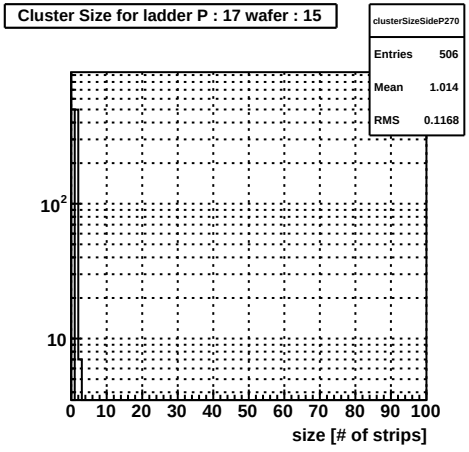

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 275
Mean 1.007
RMS 0.08497
size [# of strips]

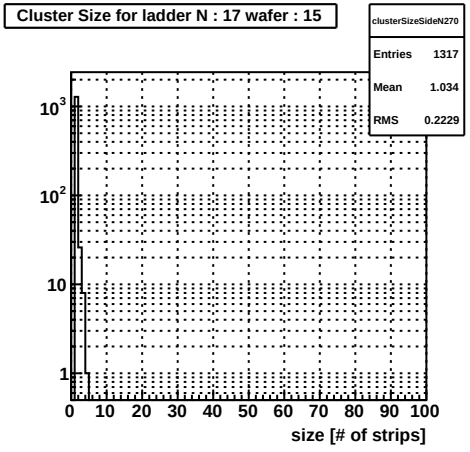

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 153
Mean 1
RMS 0
size [# of strips]

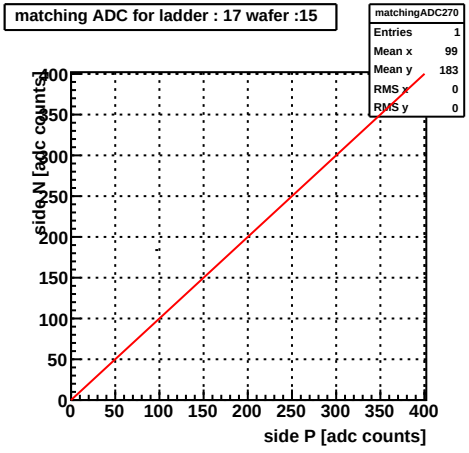

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

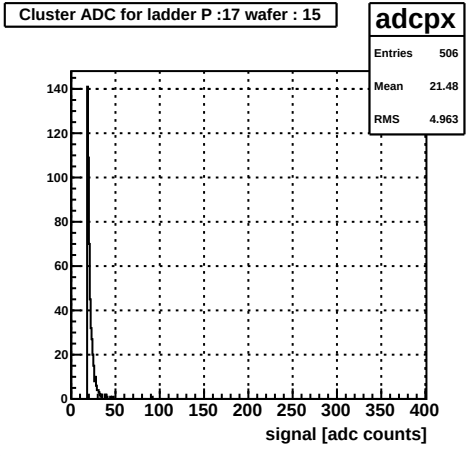

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 275
Mean 20.23
RMS 2.57
signal [adc counts]

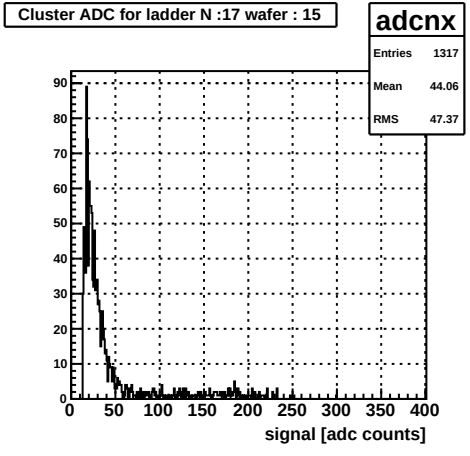

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 153
Mean 21.04
RMS 3.068
signal [adc counts]

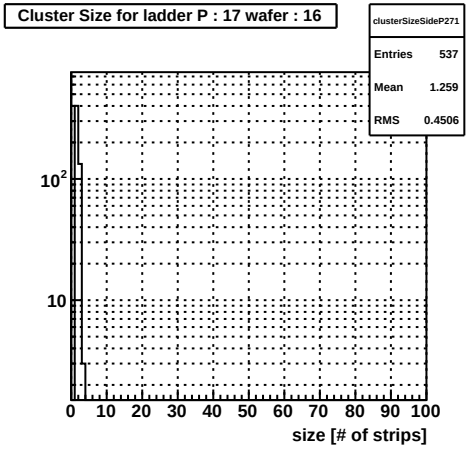

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 506
Mean 1.014
RMS 0.1168
size [# of strips]

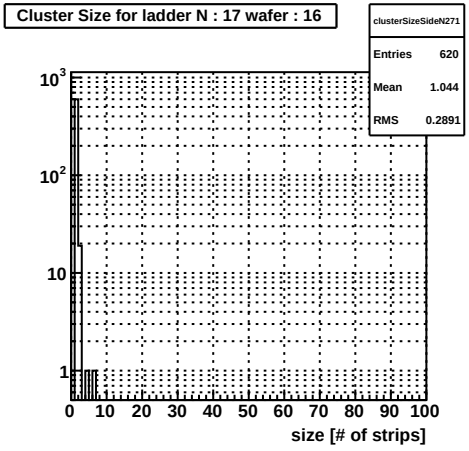

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1317
Mean 1.034
RMS 0.2229
size [# of strips]

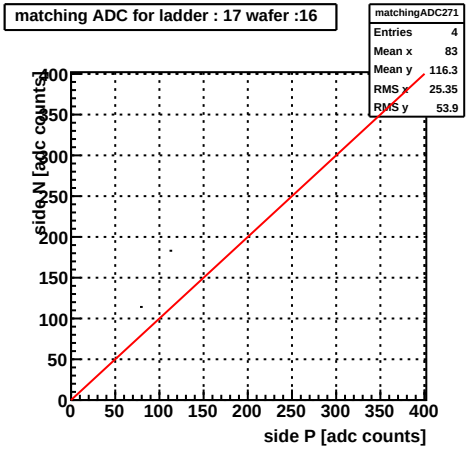

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1
Mean x 99
Mean y 183
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

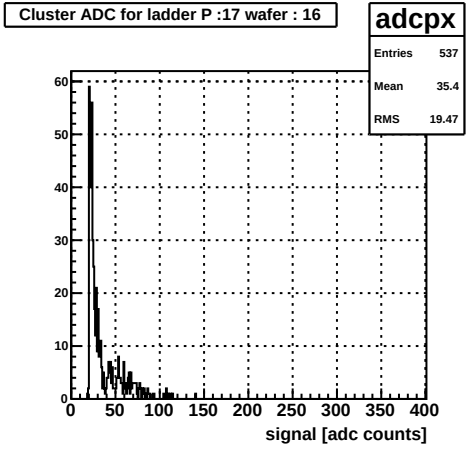

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 506
Mean 21.48
RMS 4.963
signal [adc counts]

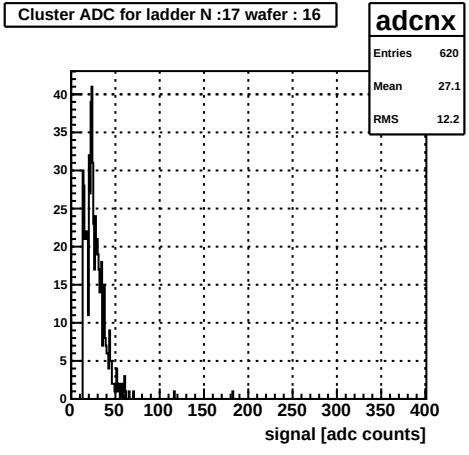

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1317
Mean 44.06
RMS 47.37
signal [adc counts]

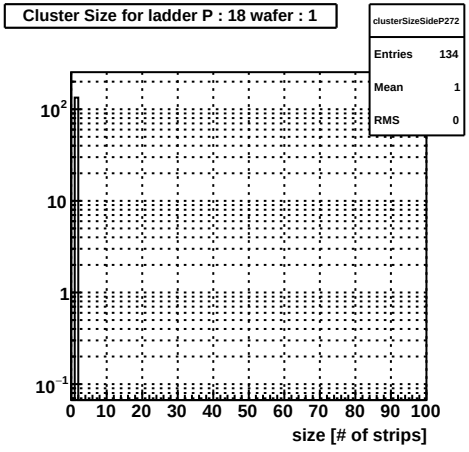

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 537
Mean 1.259
RMS 0.4506
size [# of strips]

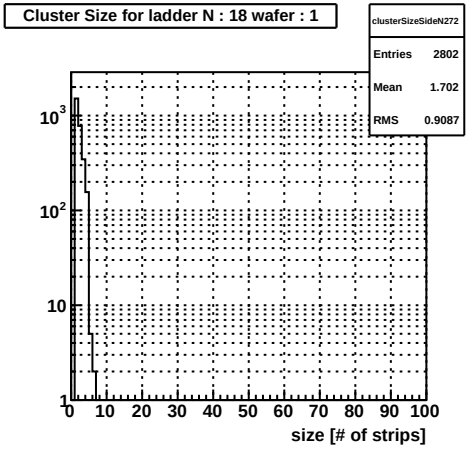

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 620
Mean 1.044
RMS 0.2891
size [# of strips]

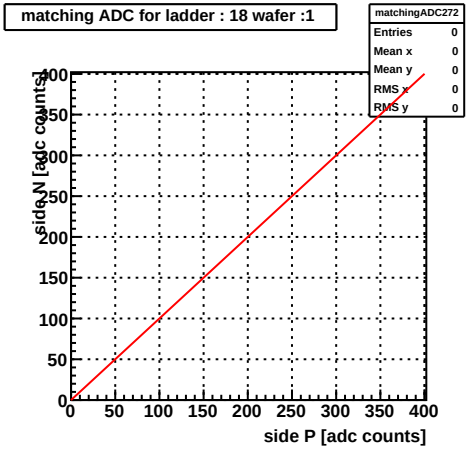

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 4
Mean x 83
Mean y 116.3
RMS x 25.35
RMS y 53.9
side N [adc counts]
side P [adc counts]

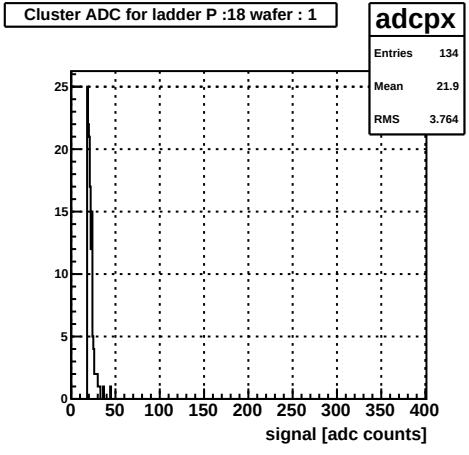

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 537
Mean 35.4
RMS 19.47
signal [adc counts]

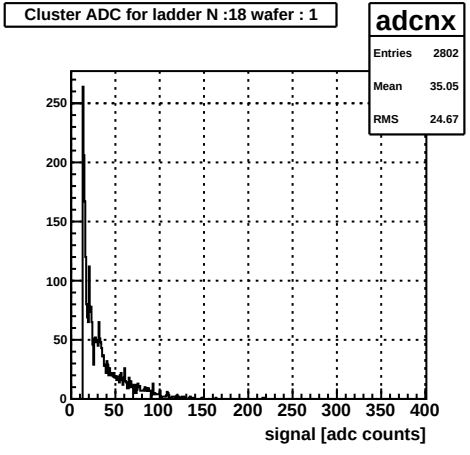

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 620
Mean 27.1
RMS 12.2
signal [adc counts]

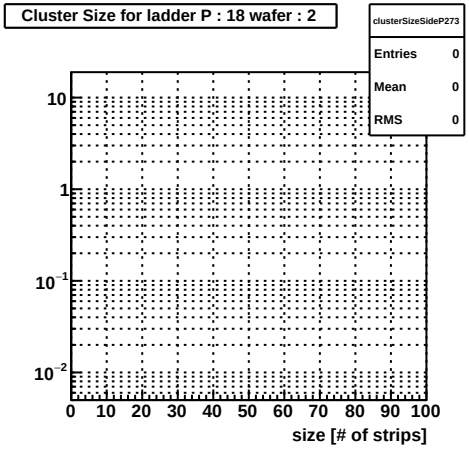

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 134
Mean 1
RMS 0
size [# of strips]

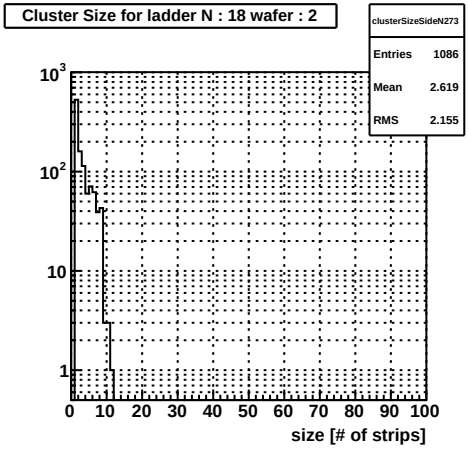

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2802
Mean 1.702
RMS 0.9087
size [# of strips]

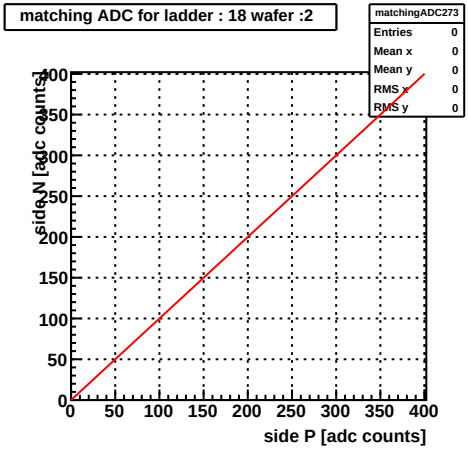

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

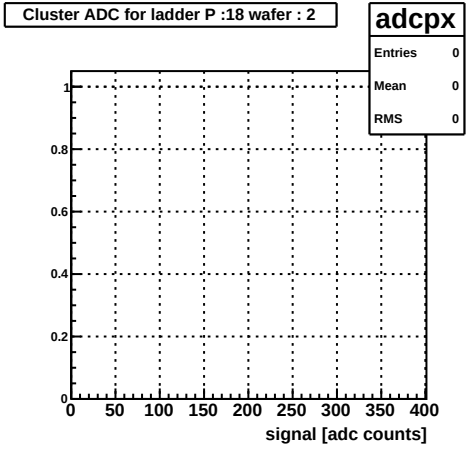

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 134
Mean 21.9
RMS 3.764
signal [adc counts]

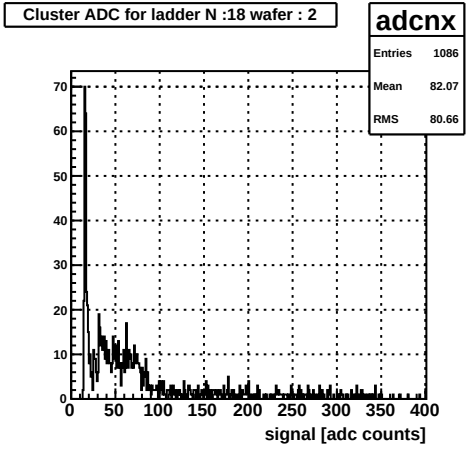

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2802
Mean 35.05
RMS 24.67
signal [adc counts]

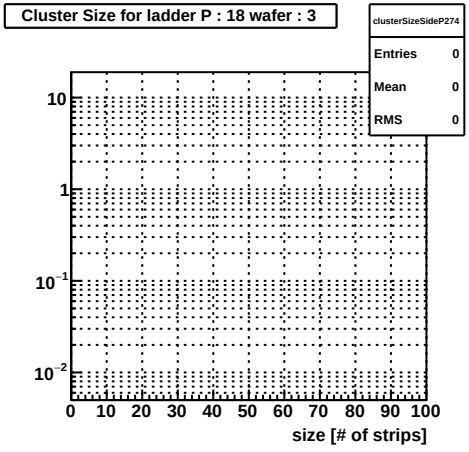

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

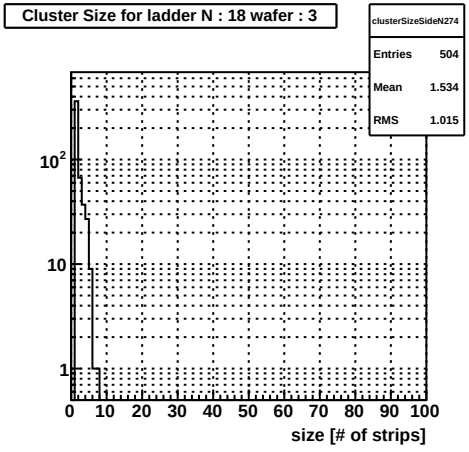

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1086
Mean 2.619
RMS 2.155
size [# of strips]

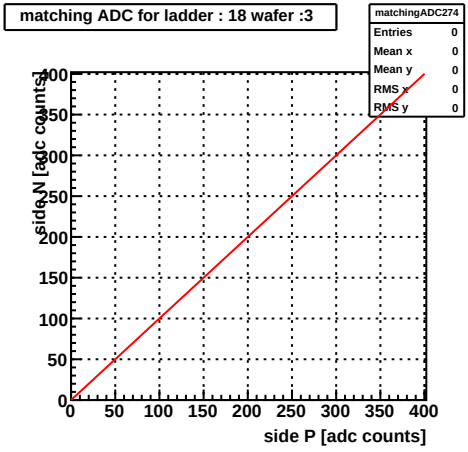

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

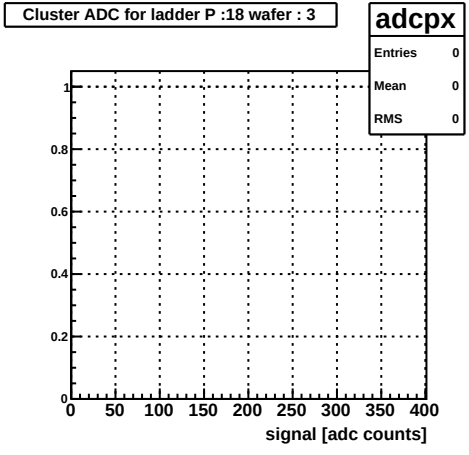

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

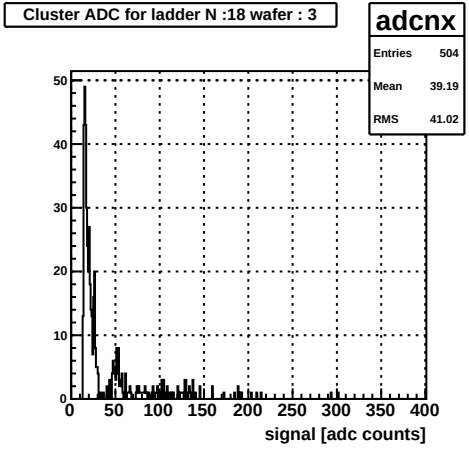

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1086
Mean 82.07
RMS 80.66
signal [adc counts]

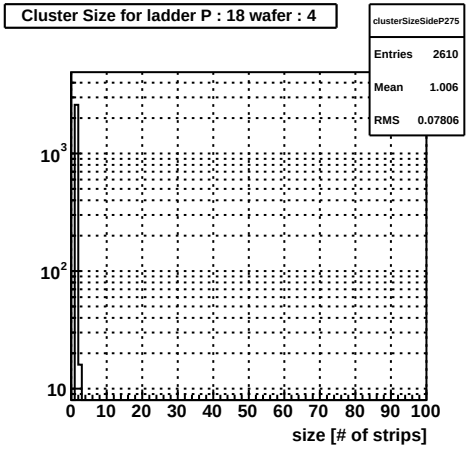

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

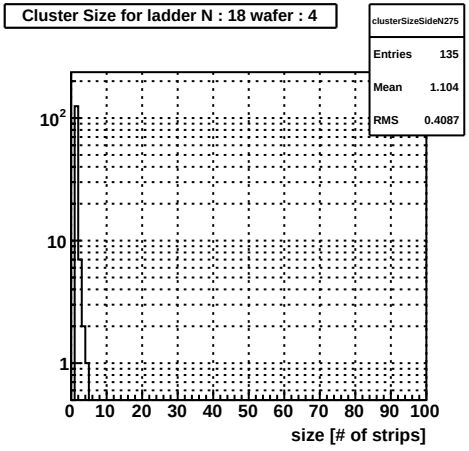

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 504
Mean 1.534
RMS 1.015
size [# of strips]

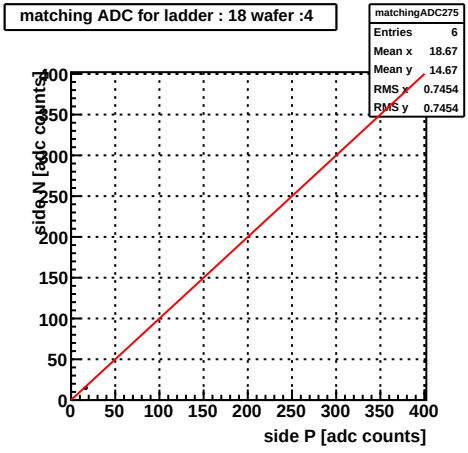

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

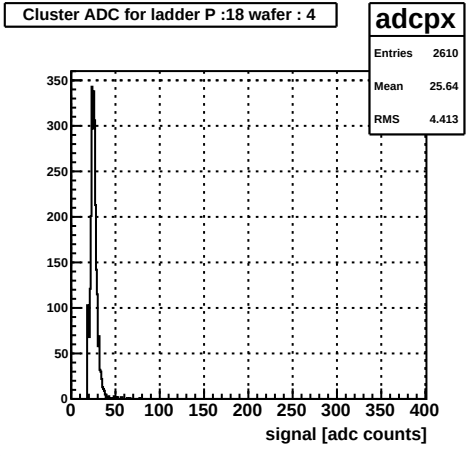

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

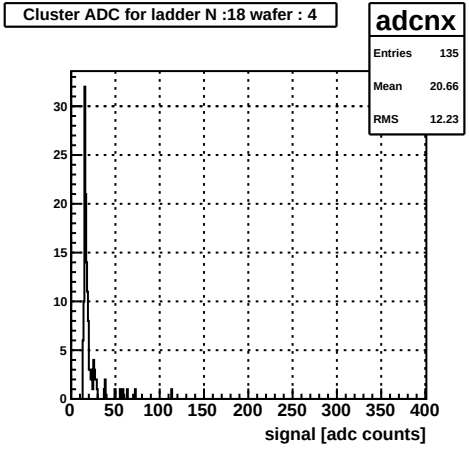

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 504
Mean 39.19
RMS 41.02
signal [adc counts]

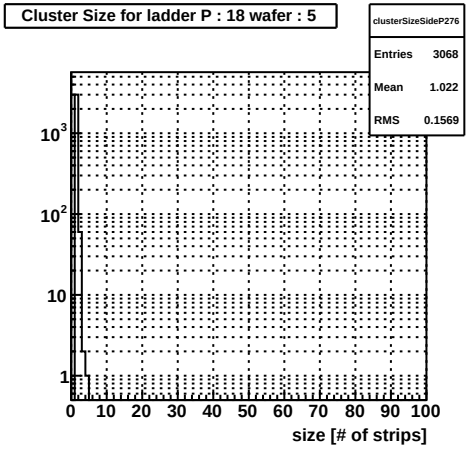

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2610
Mean 1.006
RMS 0.07806
size [# of strips]

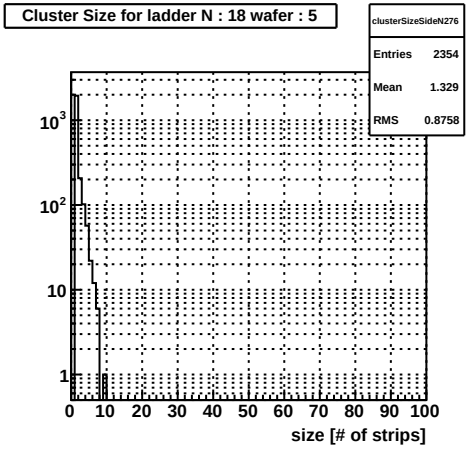

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 135
Mean 1.104
RMS 0.4087
size [# of strips]

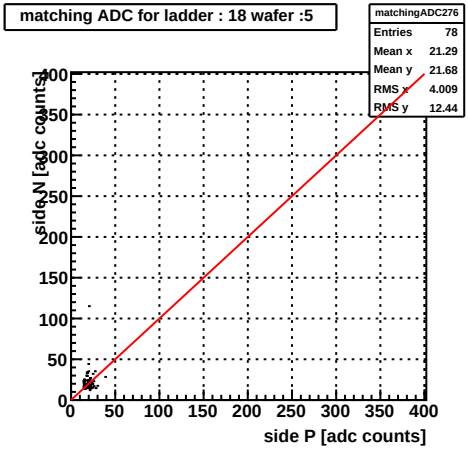

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 6
Mean x 18.67
Mean y 14.67
RMS x 0.7454
RMS y 0.7454
side N [adc counts]
side P [adc counts]

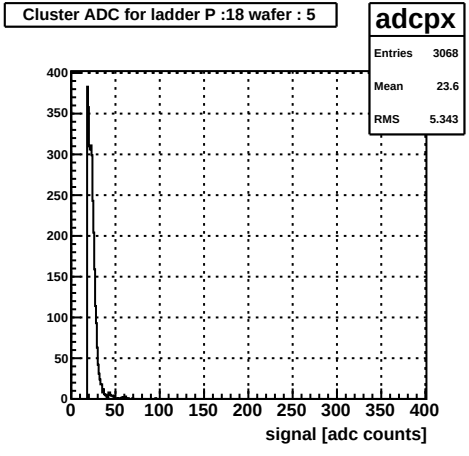

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2610
Mean 25.64
RMS 4.413
signal [adc counts]

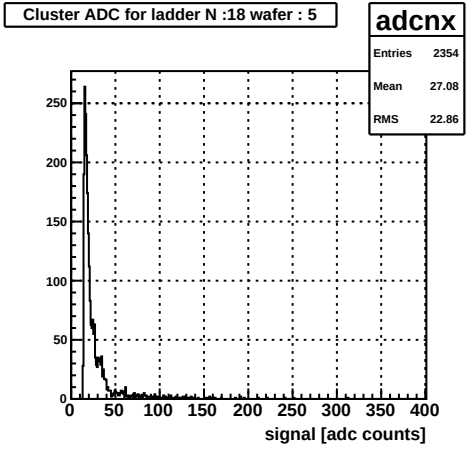

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 135
Mean 20.66
RMS 12.23
signal [adc counts]

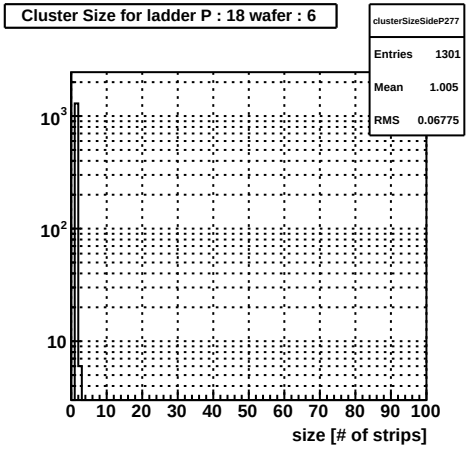

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3068
Mean 1.022
RMS 0.1569
size [# of strips]

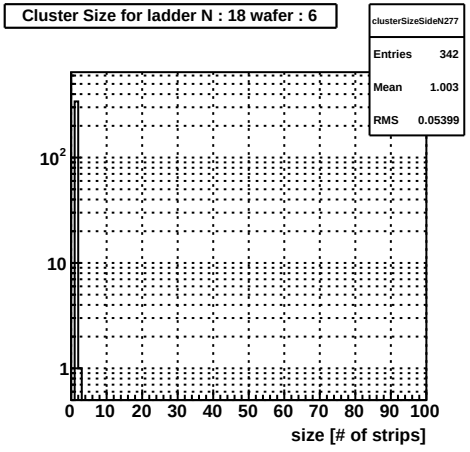

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2354
Mean 1.329
RMS 0.8758
size [# of strips]

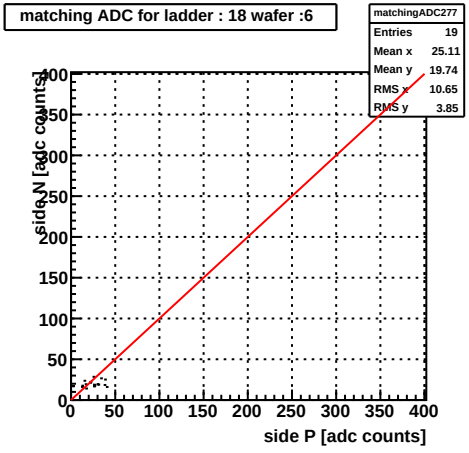

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 78
Mean x 21.29
Mean y 21.68
RMS x 4.009
RMS y 12.44
side N [adc counts]
side P [adc counts]

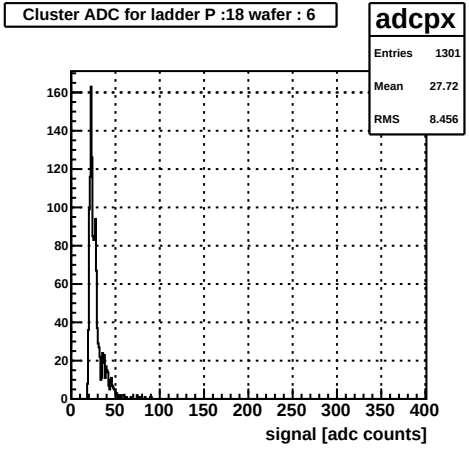

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3068
Mean 23.6
RMS 5.343
signal [adc counts]

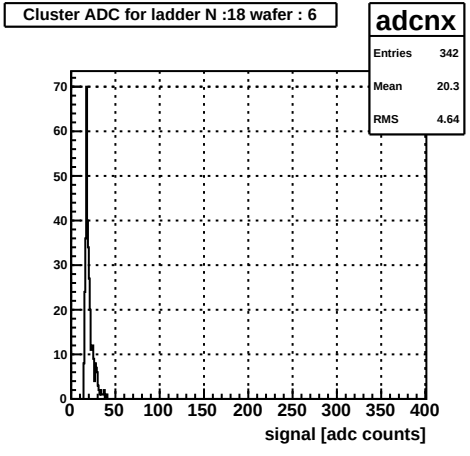

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2354
Mean 27.08
RMS 22.86
signal [adc counts]

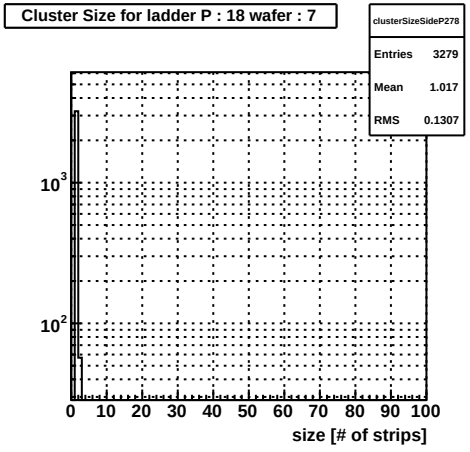

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1301
Mean 1.005
RMS 0.06775
size [# of strips]

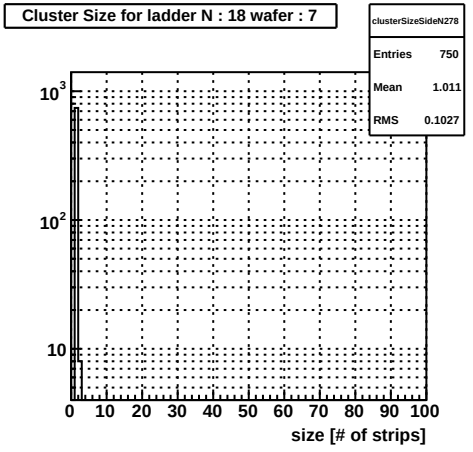

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 342
Mean 1.003
RMS 0.05399
size [# of strips]

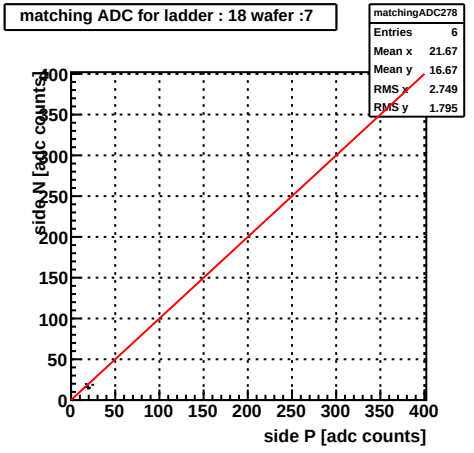

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 19
Mean x 25.11
Mean y 19.74
RMS x 10.65
RMS y 3.85
side N [adc counts]
side P [adc counts]

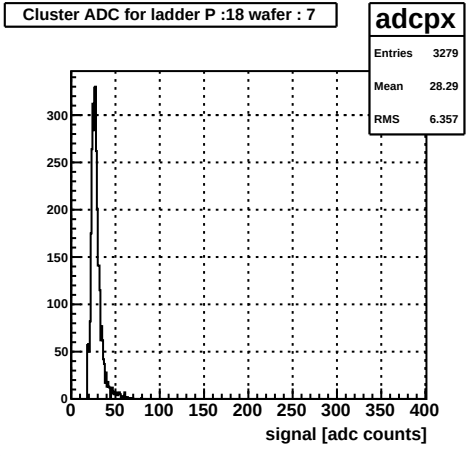

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1301
Mean 27.72
RMS 8.456
signal [adc counts]

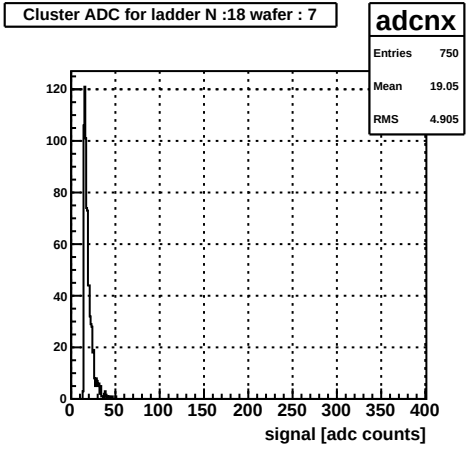

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 342
Mean 20.3
RMS 4.64
signal [adc counts]

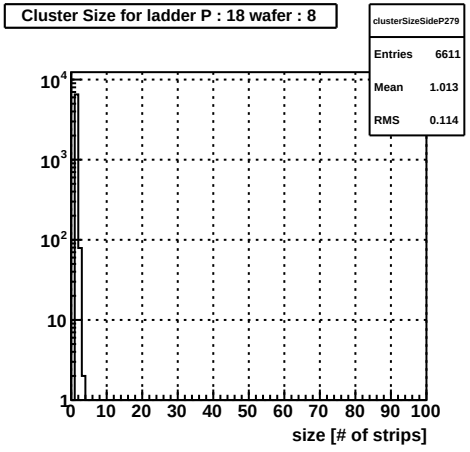

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3279
Mean 1.017
RMS 0.1307
size [# of strips]

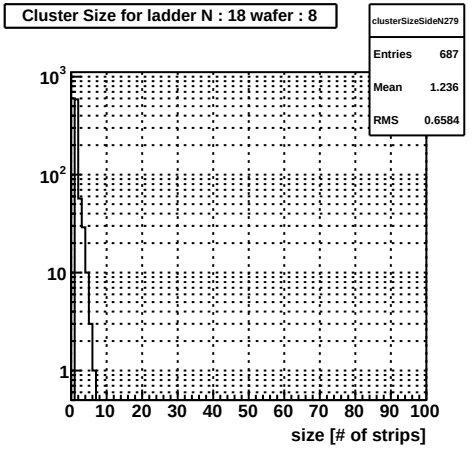

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 750
Mean 1.011
RMS 0.1027
size [# of strips]

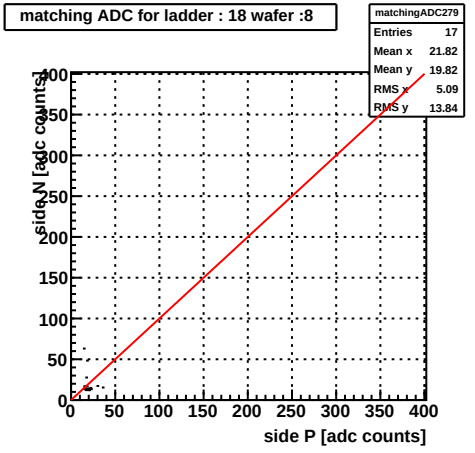

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 6
Mean x 21.67
Mean y 16.67
RMS x 2.749
RMS y 1.795
side N [adc counts]
side P [adc counts]

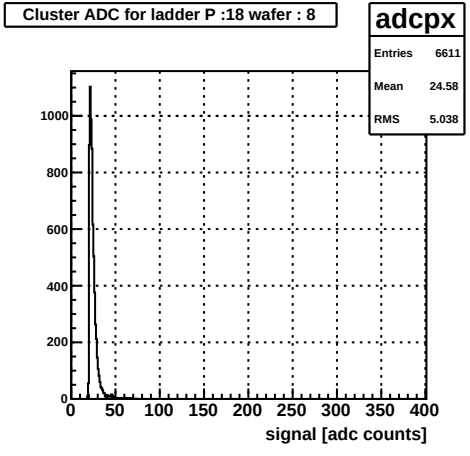

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3279
Mean 28.29
RMS 6.357
signal [adc counts]

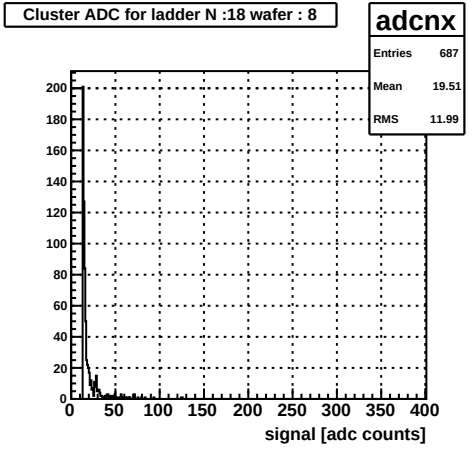

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 750
Mean 19.05
RMS 4.905
signal [adc counts]

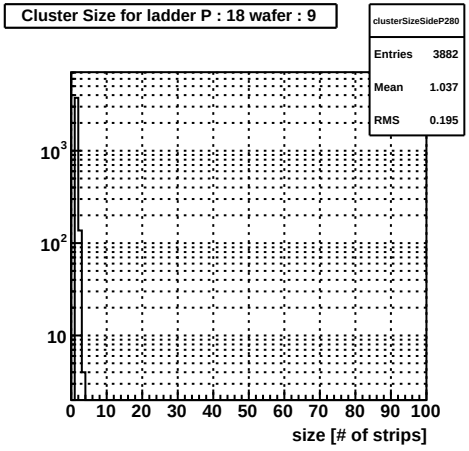

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 6611
Mean 1.013
RMS 0.114
size [# of strips]

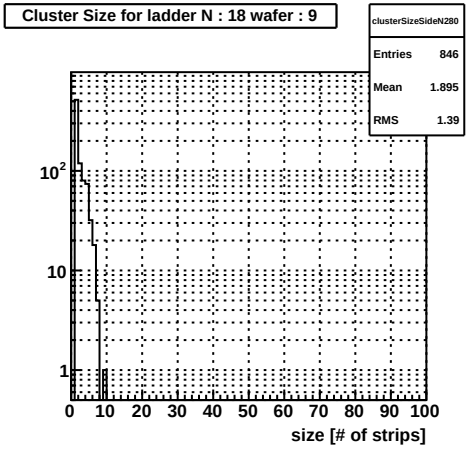

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 687
Mean 1.236
RMS 0.6584
size [# of strips]

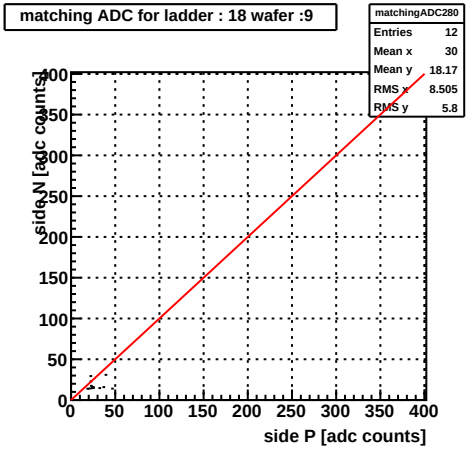

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 17
Mean x 21.82
Mean y 19.82
RMS x 5.09
RMS y 13.84
side N [adc counts]
side P [adc counts]

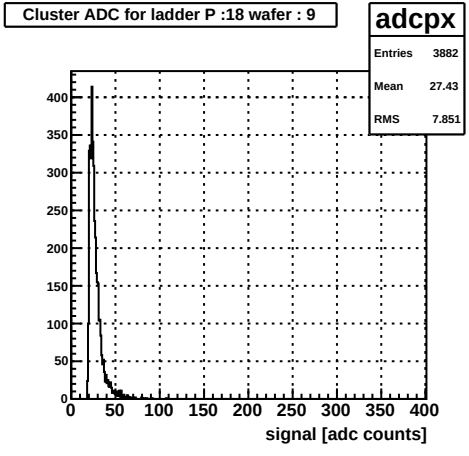

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 6611
Mean 24.58
RMS 5.038
signal [adc counts]

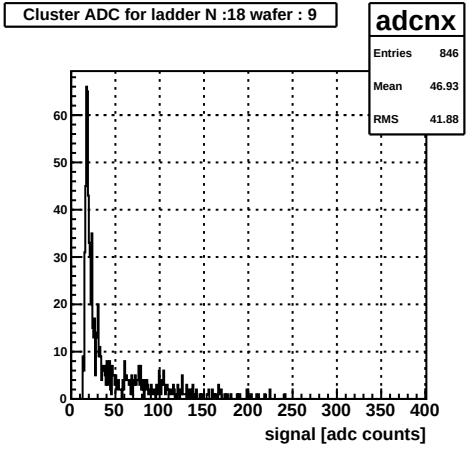

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 687
Mean 19.51
RMS 11.99
signal [adc counts]

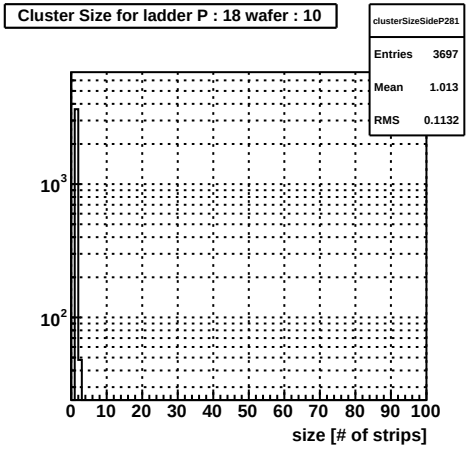

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3882
Mean 1.037
RMS 0.195
size [# of strips]

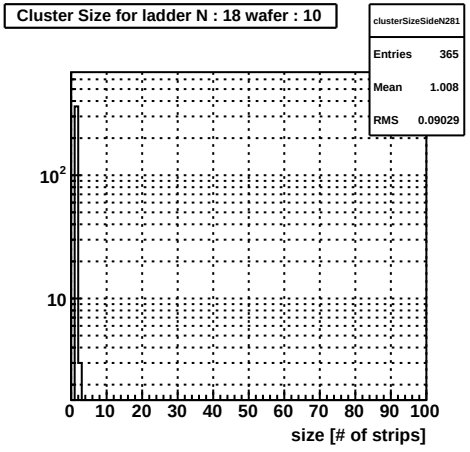

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 846
Mean 1.895
RMS 1.39
size [# of strips]

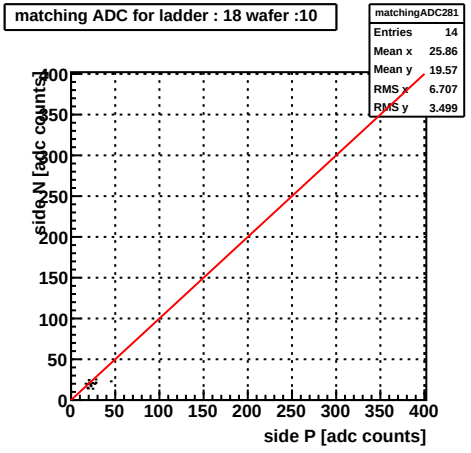

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 12
Mean x 30
Mean y 18.17
RMS x 8.505
RMS y 5.8
side N [adc counts]
side P [adc counts]

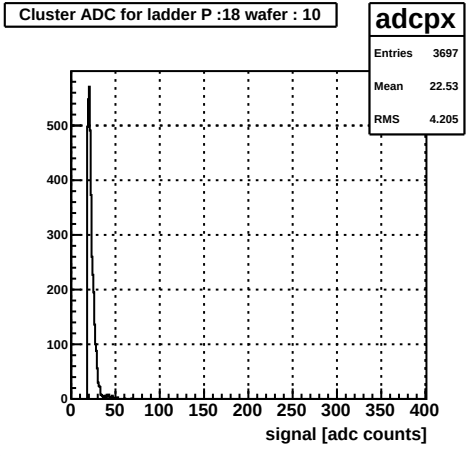

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3882
Mean 27.43
RMS 7.851
signal [adc counts]

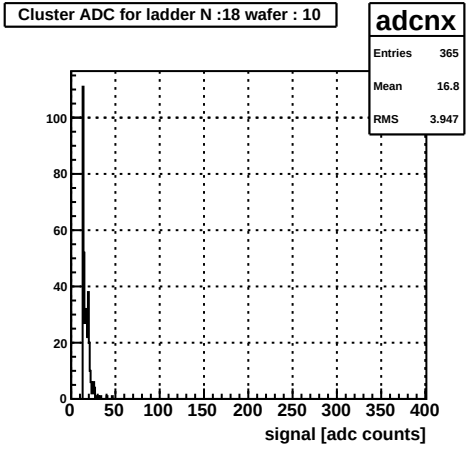

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 846
Mean 46.93
RMS 41.88
signal [adc counts]

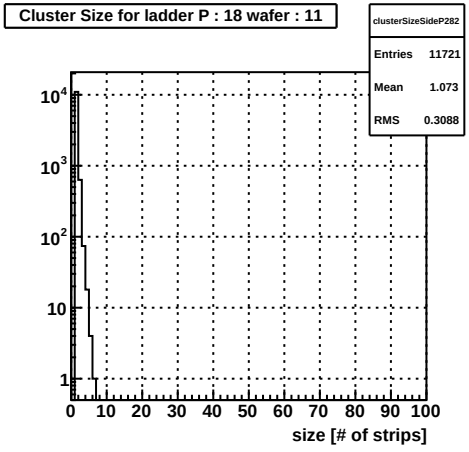

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3697
Mean 1.013
RMS 0.1132
size [# of strips]

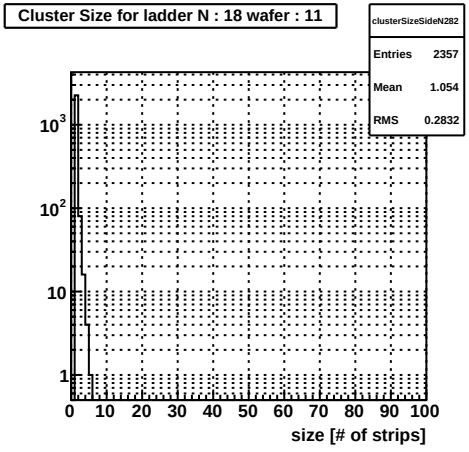

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 365
Mean 1.008
RMS 0.09029
size [# of strips]

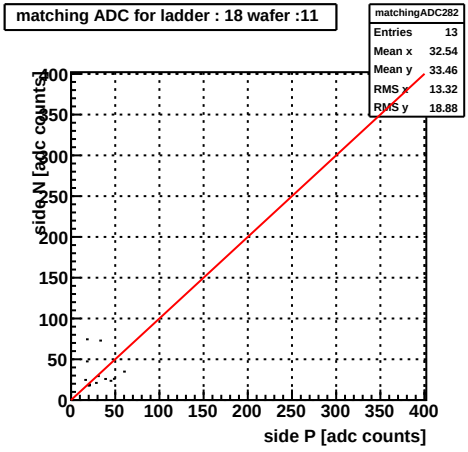

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 14
Mean x 25.86
Mean y 19.57
RMS x 6.707
RMS y 3.499
side N [adc counts]
side P [adc counts]

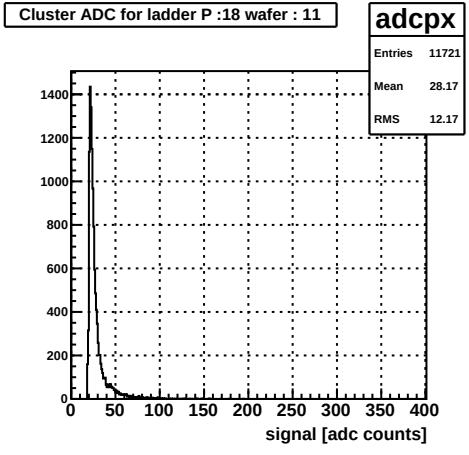

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3697
Mean 22.53
RMS 4.205
signal [adc counts]

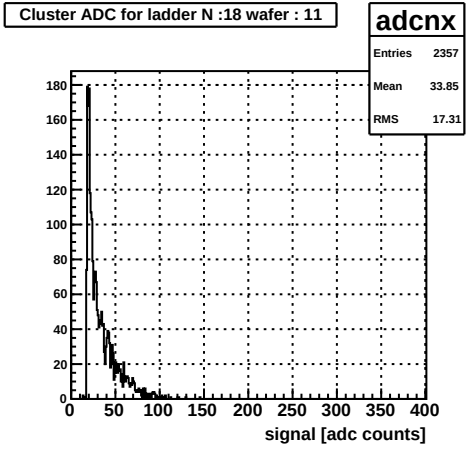

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 365
Mean 16.8
RMS 3.947
signal [adc counts]

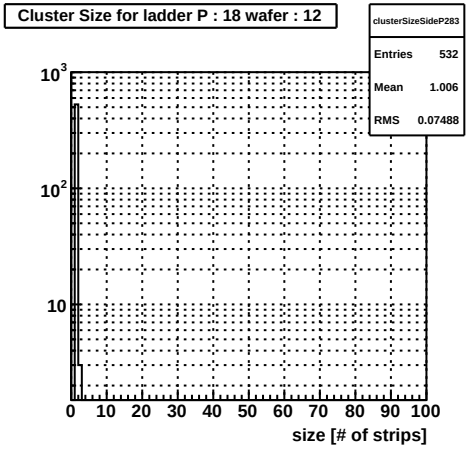

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 11721
Mean 1.073
RMS 0.3088
size [# of strips]

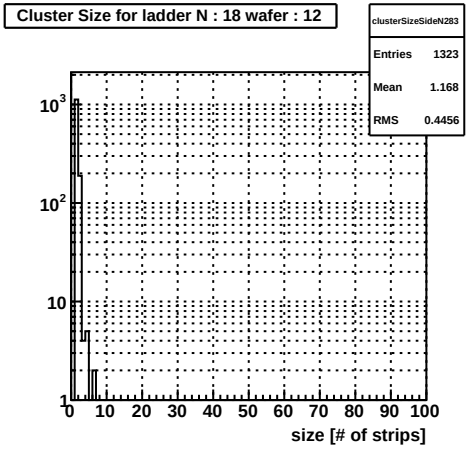

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2357
Mean 1.054
RMS 0.2832
size [# of strips]

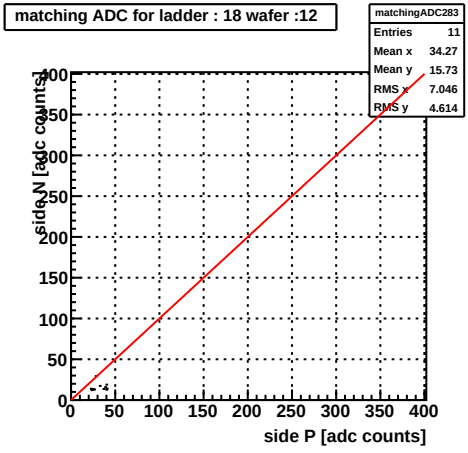

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 13
Mean x 32.54
Mean y 33.46
RMS x 13.32
RMS y 18.88
side N [adc counts]
side P [adc counts]

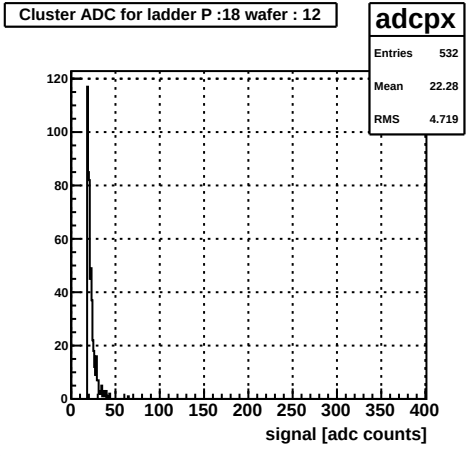

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 11721
Mean 28.17
RMS 12.17
signal [adc counts]

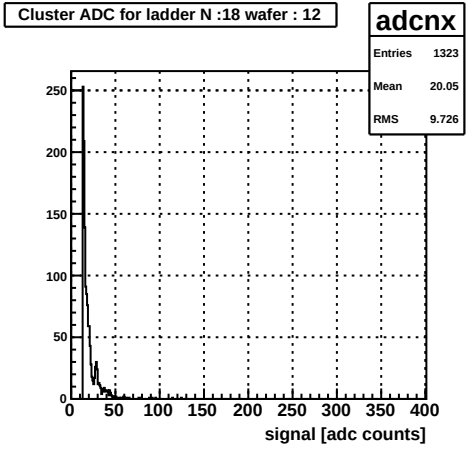

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2357
Mean 33.85
RMS 17.31
signal [adc counts]

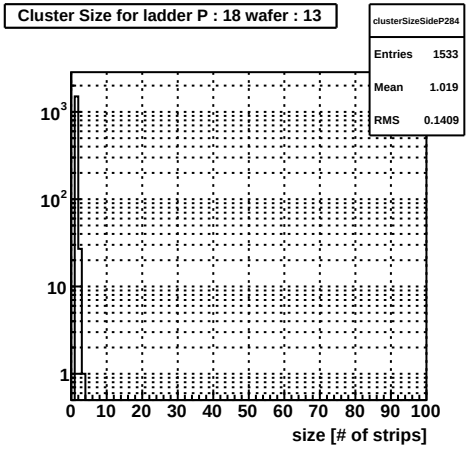

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 532
Mean 1.006
RMS 0.07488
size [# of strips]

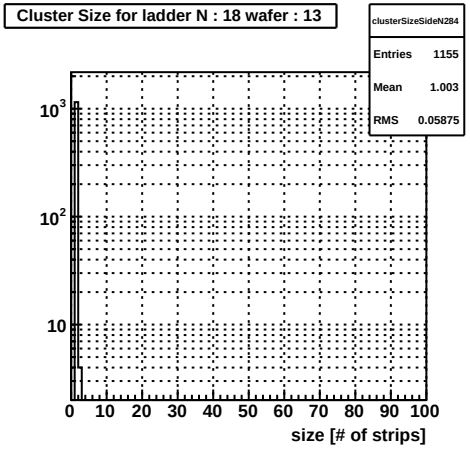

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 1323
Mean 1.168
RMS 0.4456
size [# of strips]

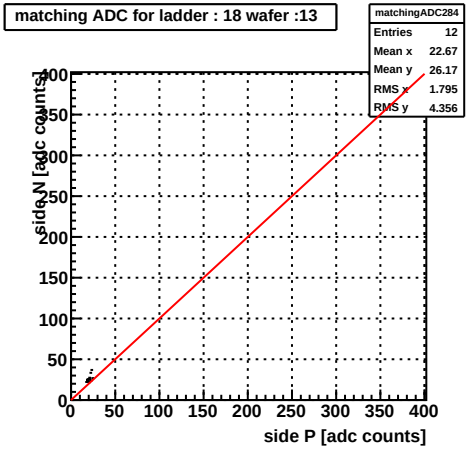

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 11
Mean x 34.27
Mean y 15.73
RMS x 7.046
RMS y 4.614
side N [adc counts]
side P [adc counts]

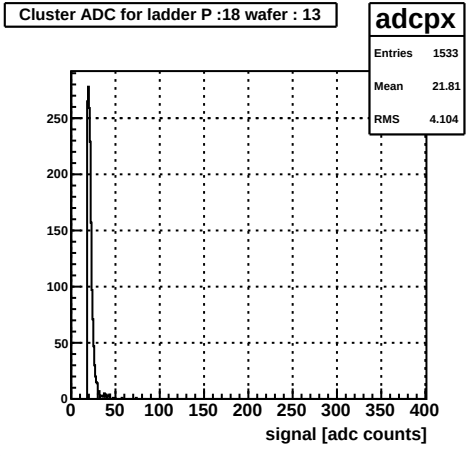

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 532
Mean 22.28
RMS 4.719
signal [adc counts]

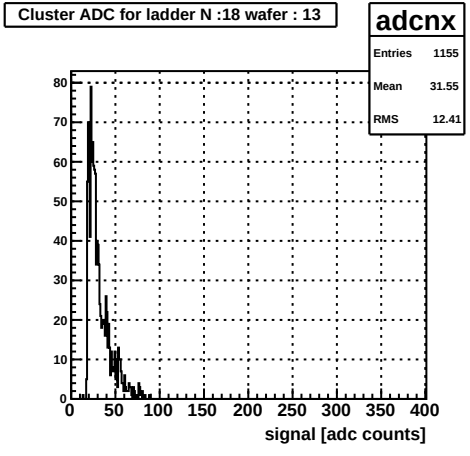

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 1323
Mean 20.05
RMS 9.726
signal [adc counts]

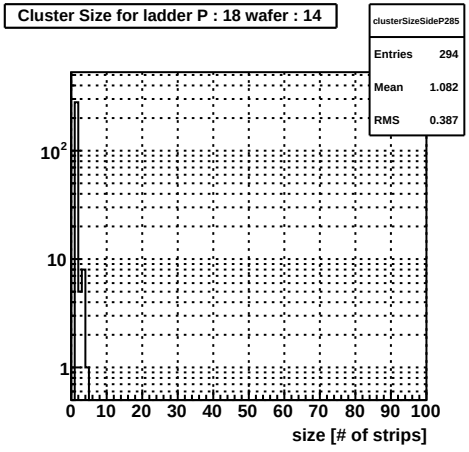

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1533
Mean 1.019
RMS 0.1409
size [# of strips]

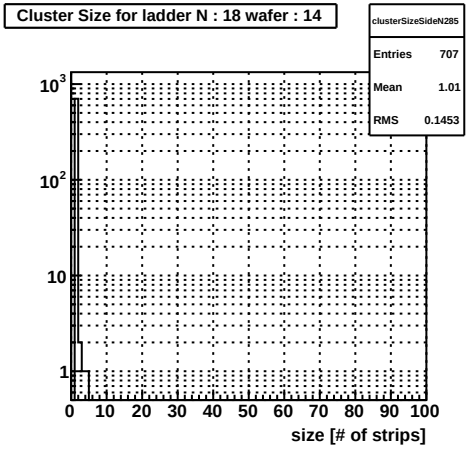

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1155
Mean 1.003
RMS 0.05875
size [# of strips]

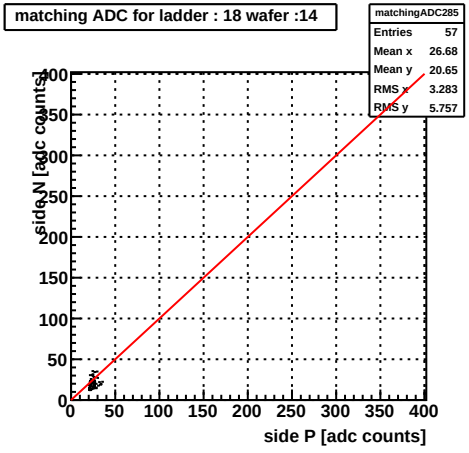

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 12
Mean x 22.67
Mean y 26.17
RMS x 1.795
RMS y 4.356
side N [adc counts]
side P [adc counts]

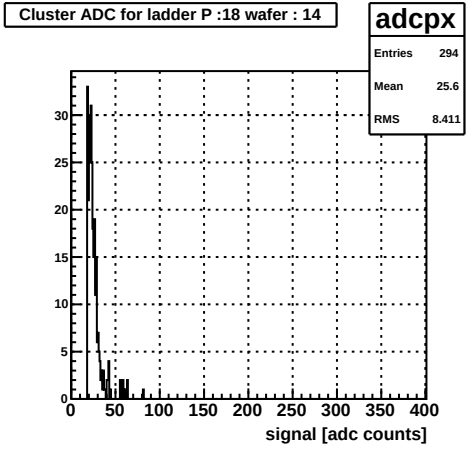

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1533
Mean 21.81
RMS 4.104
signal [adc counts]

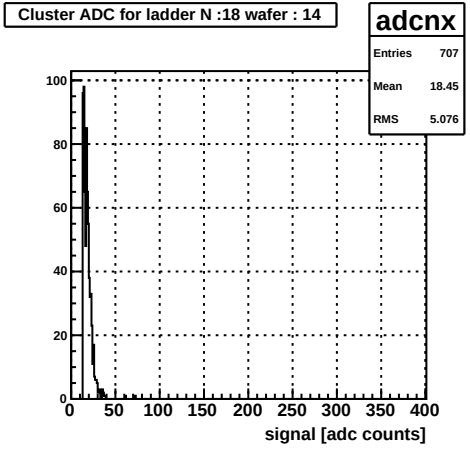

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1155
Mean 31.55
RMS 12.41
signal [adc counts]

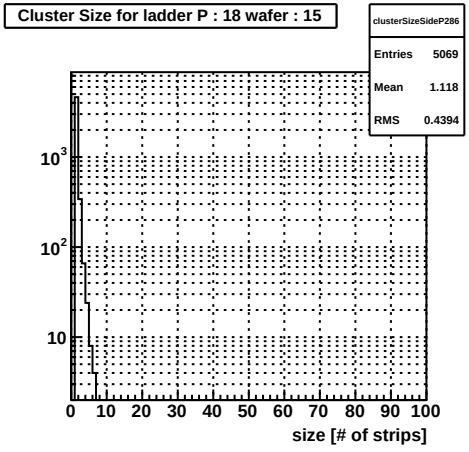

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 294
Mean 1.082
RMS 0.387
size [# of strips]

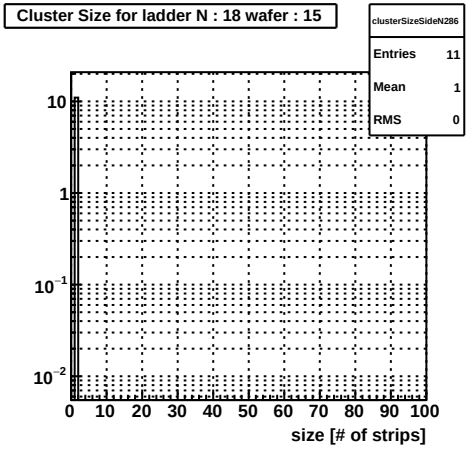

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 707
Mean 1.01
RMS 0.1453
size [# of strips]

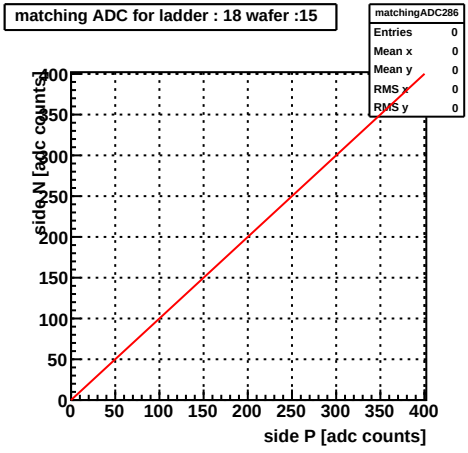

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 57
Mean x 26.68
Mean y 20.65
RMS x 3.283
RMS y 5.757
side N [adc counts]
side P [adc counts]

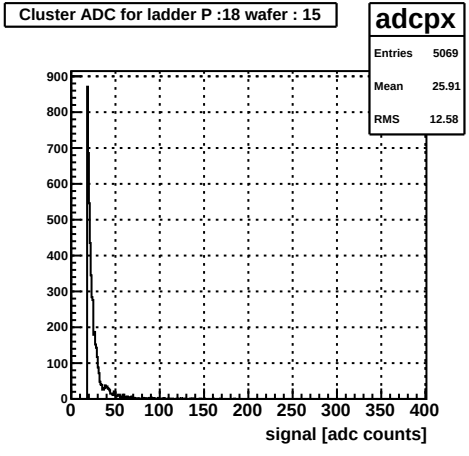

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 294
Mean 25.6
RMS 8.411
signal [adc counts]

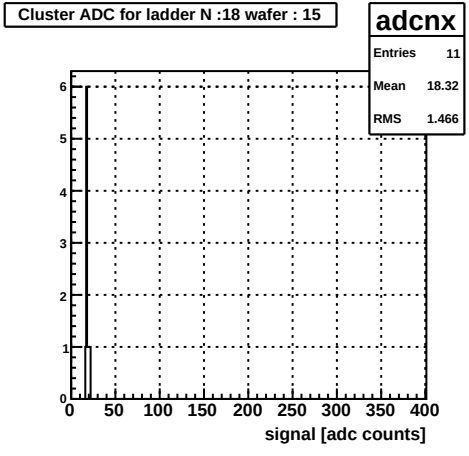

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 707
Mean 18.45
RMS 5.076
signal [adc counts]

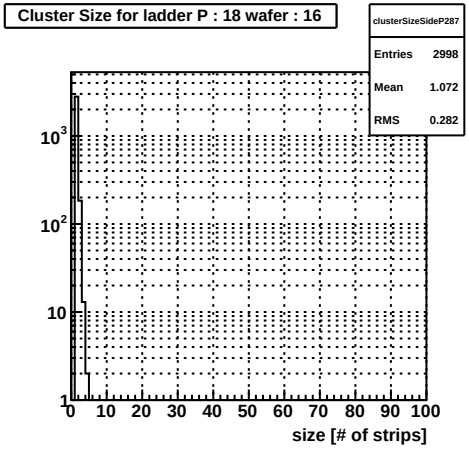

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 5069
Mean 1.118
RMS 0.4394
size [# of strips]

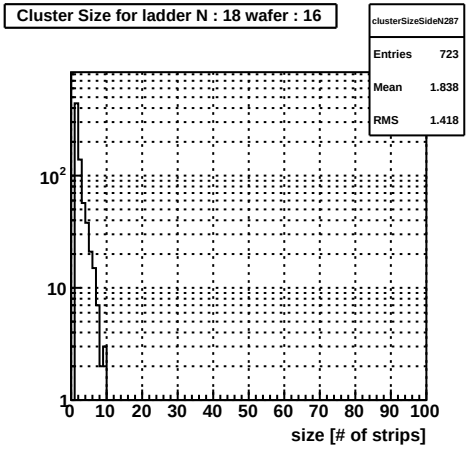

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 11
Mean 1
RMS 0
size [# of strips]

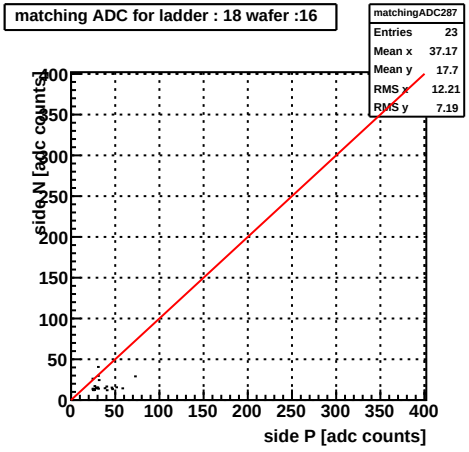

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

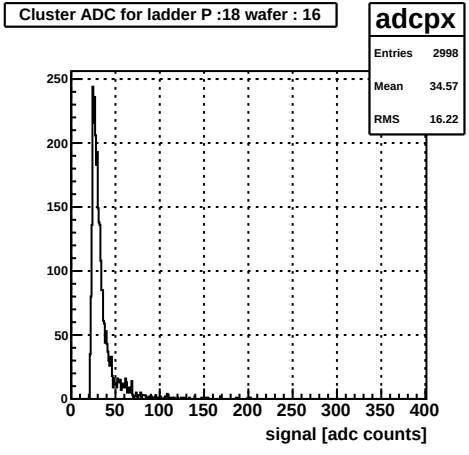

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 5069
Mean 25.91
RMS 12.58
signal [adc counts]

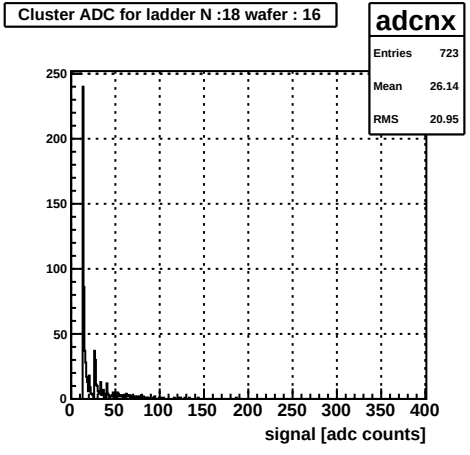

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 11
Mean 18.32
RMS 1.466
signal [adc counts]

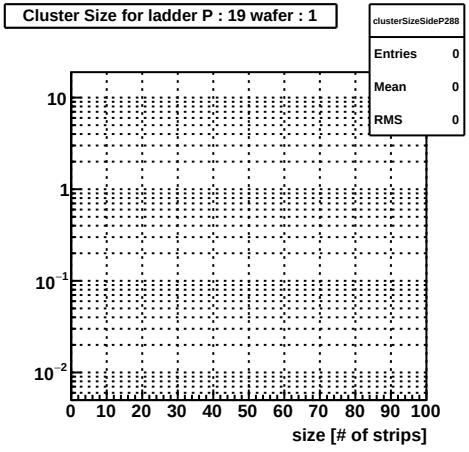

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2998
Mean 1.072
RMS 0.282
size [# of strips]

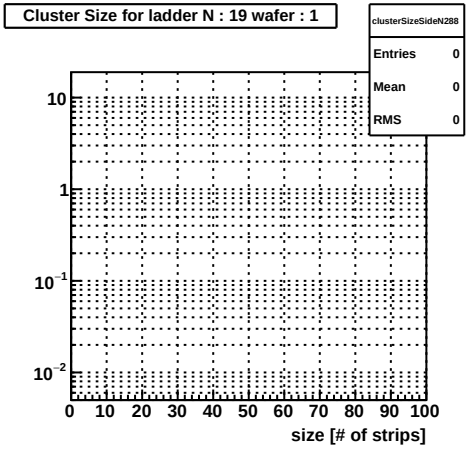

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 723
Mean 1.838
RMS 1.418
size [# of strips]

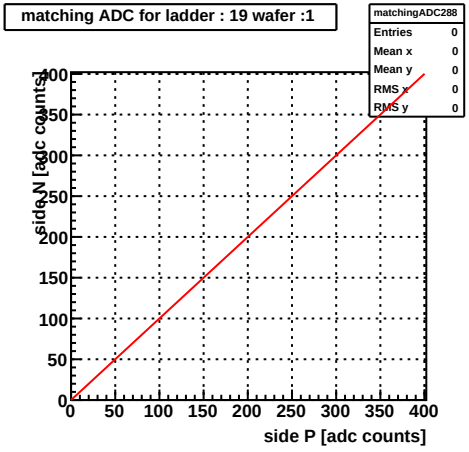

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 23
Mean x 37.17
Mean y 17.7
RMS x 12.21
RMS y 7.19
side N [adc counts]
side P [adc counts]

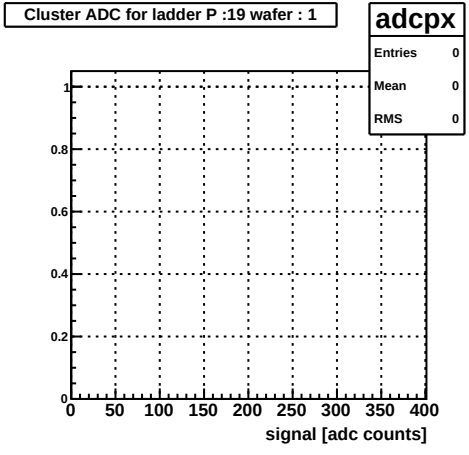

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2998
Mean 34.57
RMS 16.22
signal [adc counts]

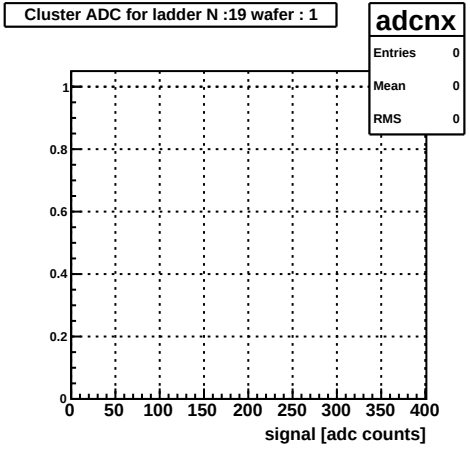

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 723
Mean 26.14
RMS 20.95
signal [adc counts]

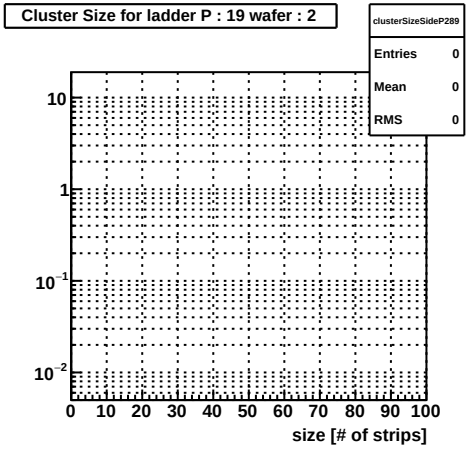

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

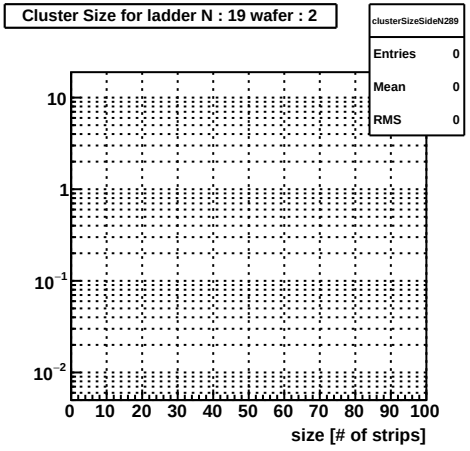

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

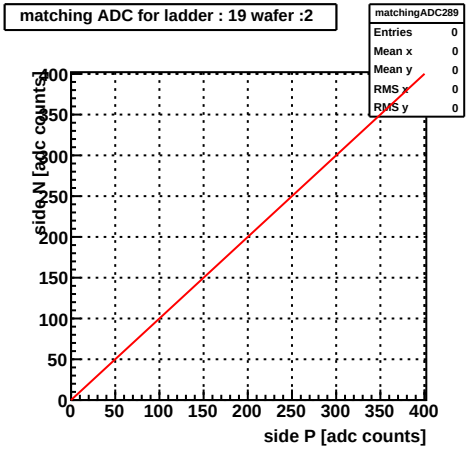

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

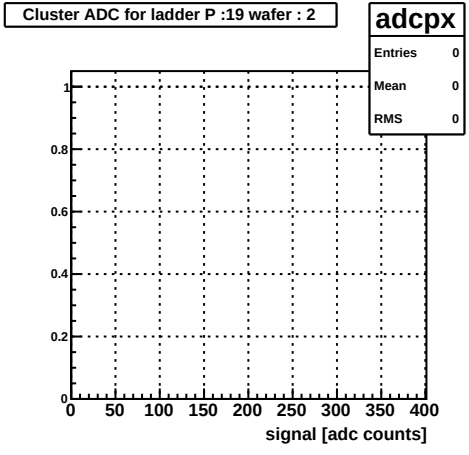

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

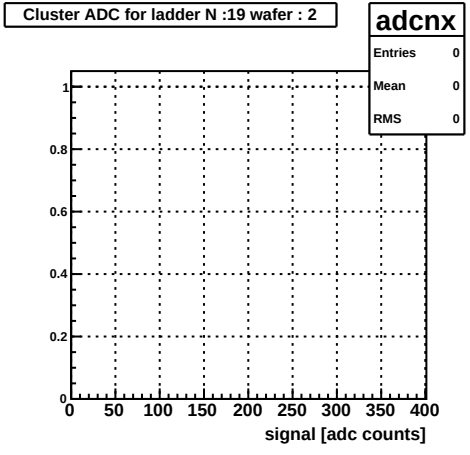

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

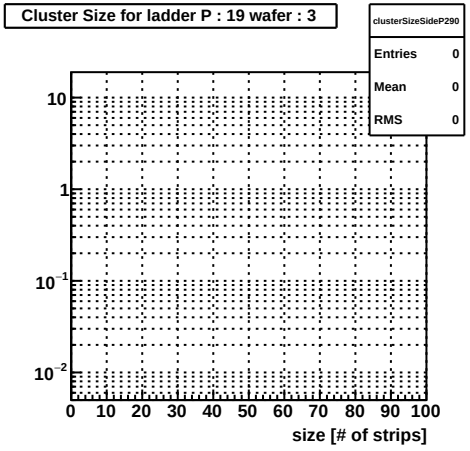

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

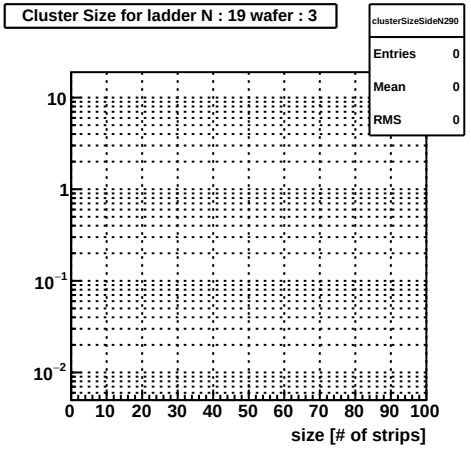

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

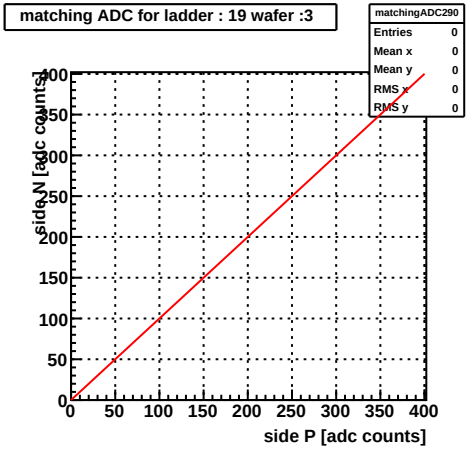

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

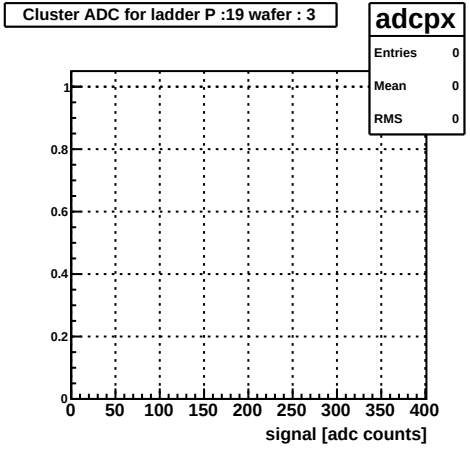

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

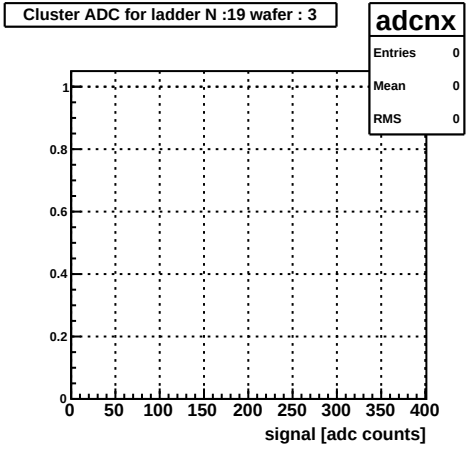

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

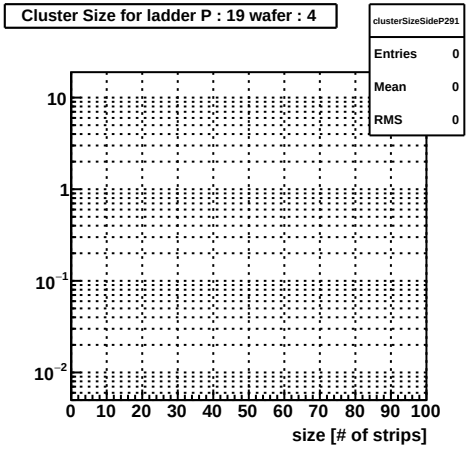

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

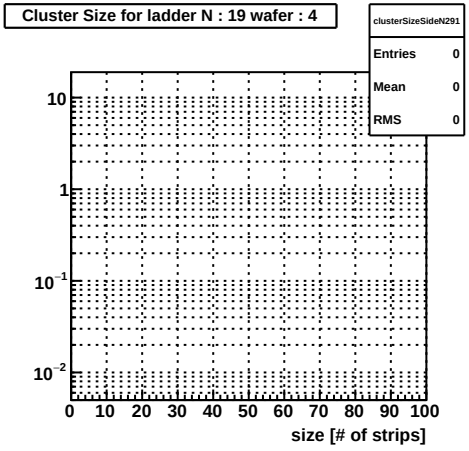

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

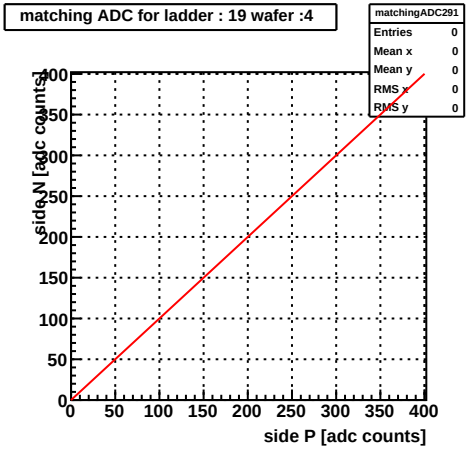

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

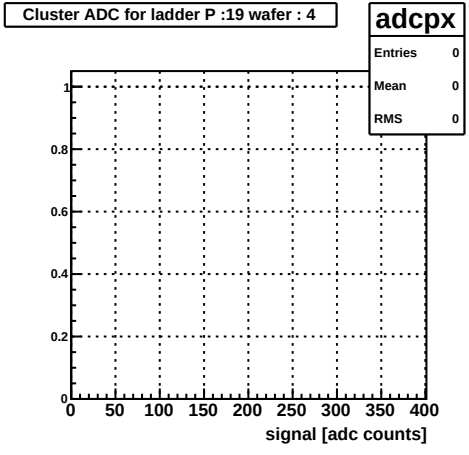

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

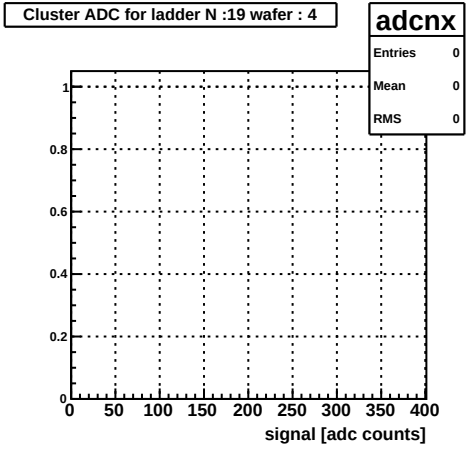

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

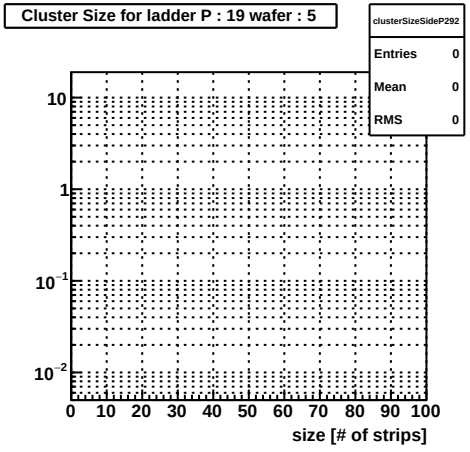

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

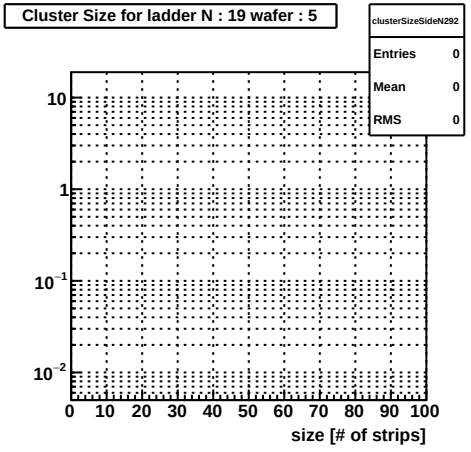

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

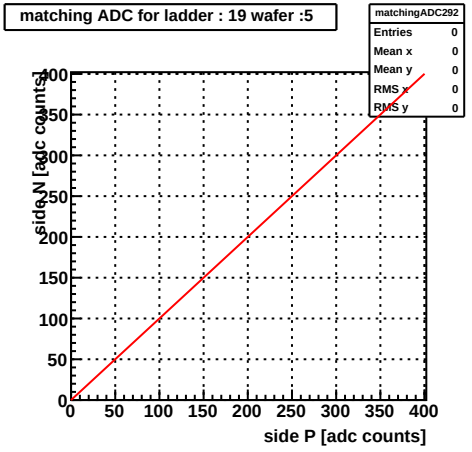

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

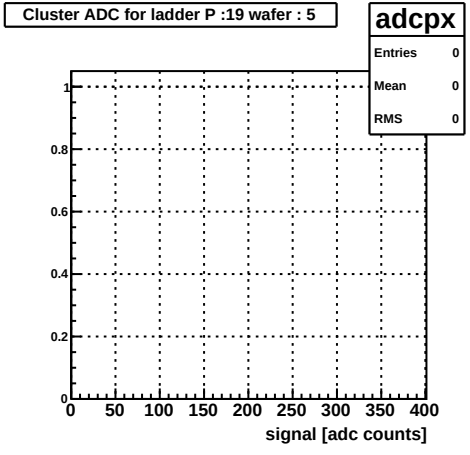

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

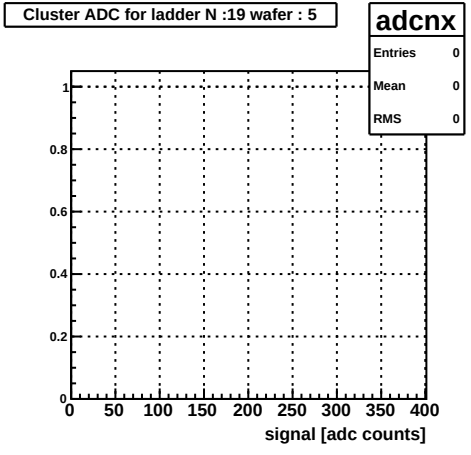

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

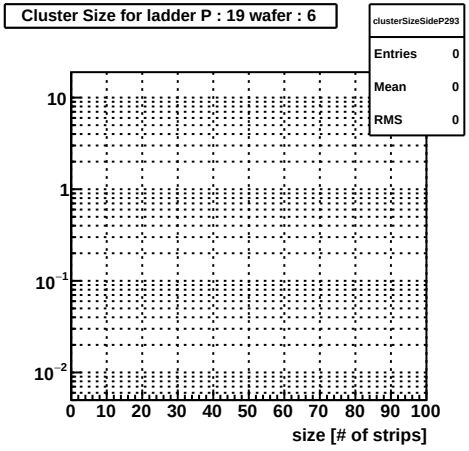

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

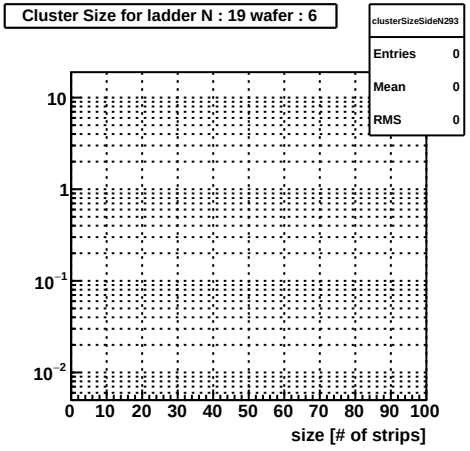

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

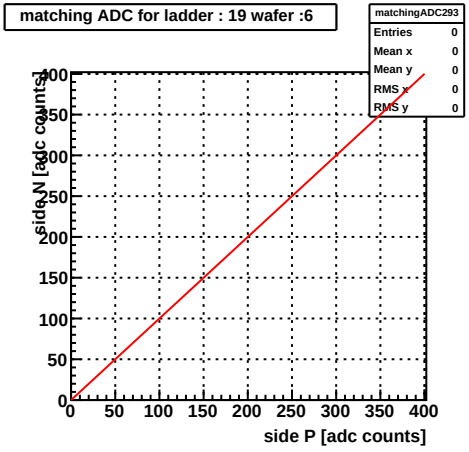

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

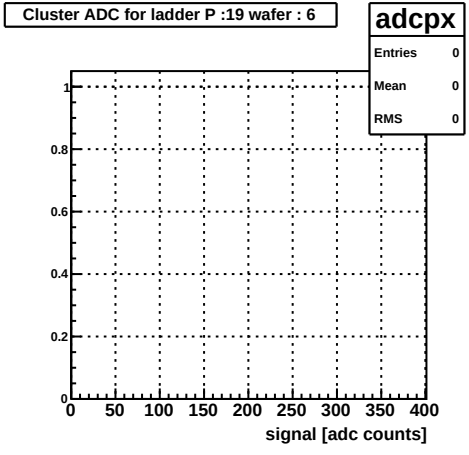

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

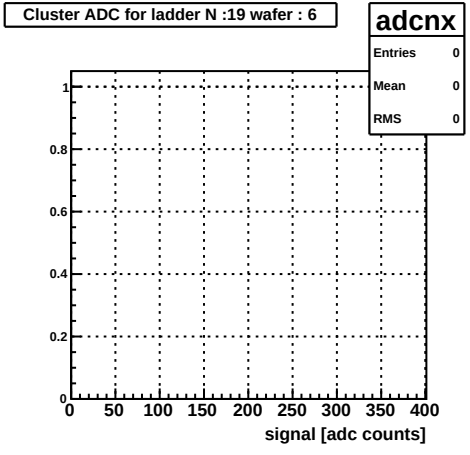

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

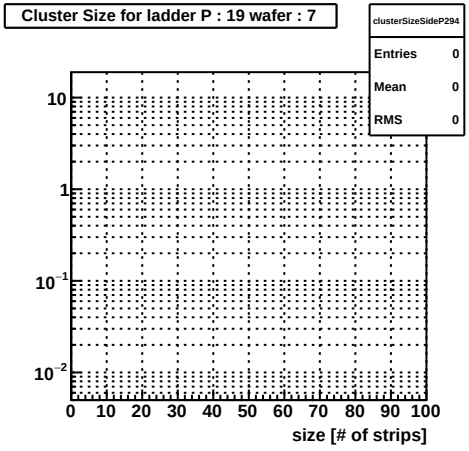

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

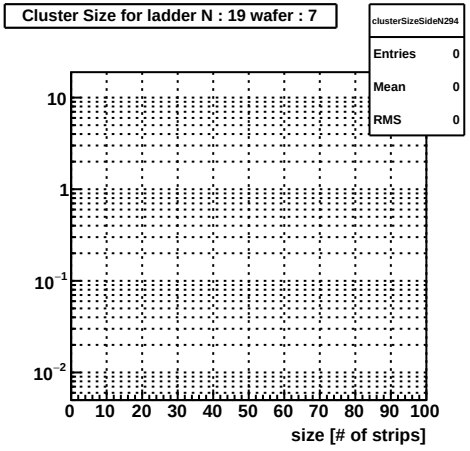

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

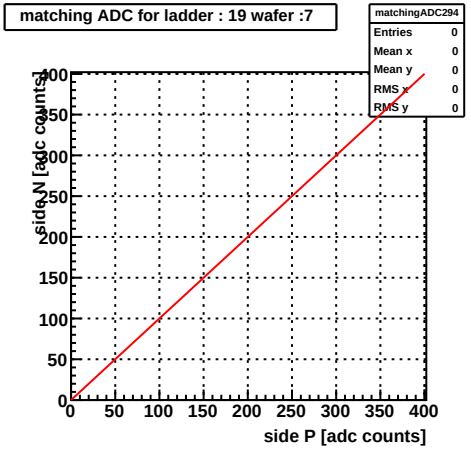

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

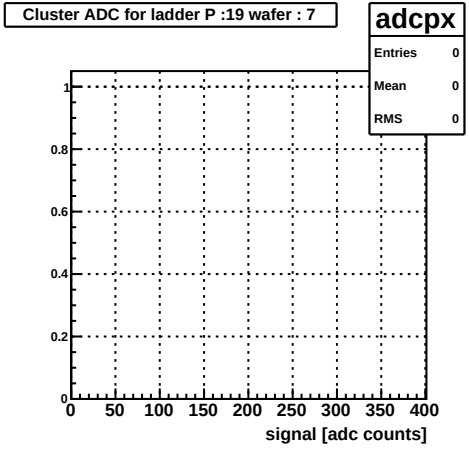

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

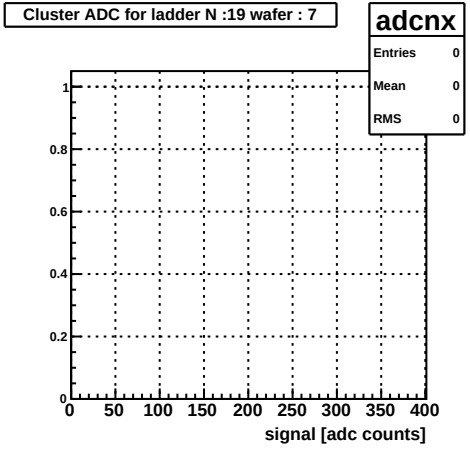

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

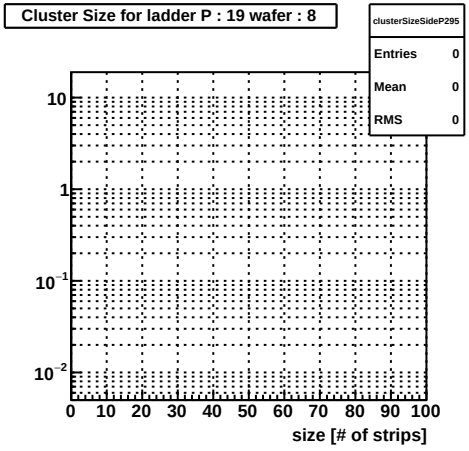

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

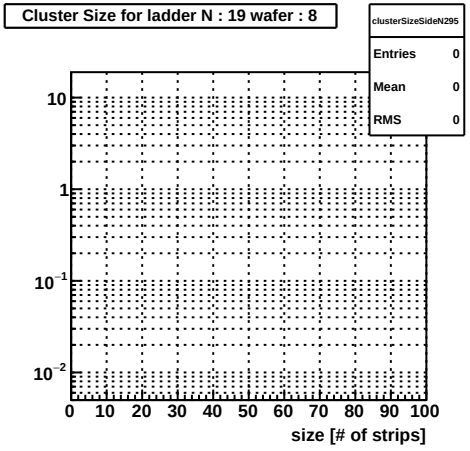

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

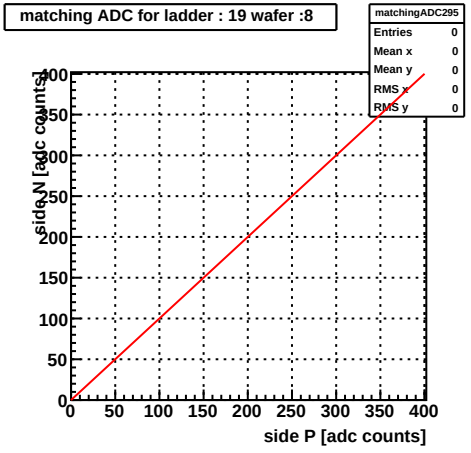

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

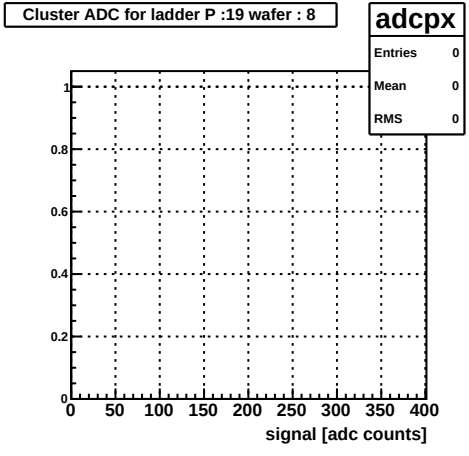

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

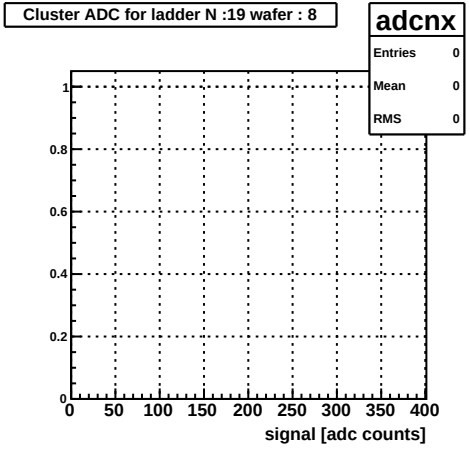

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

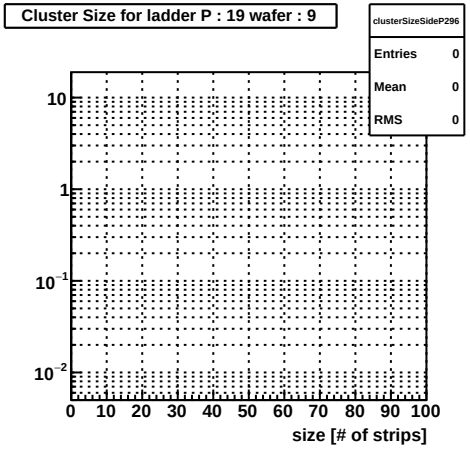

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

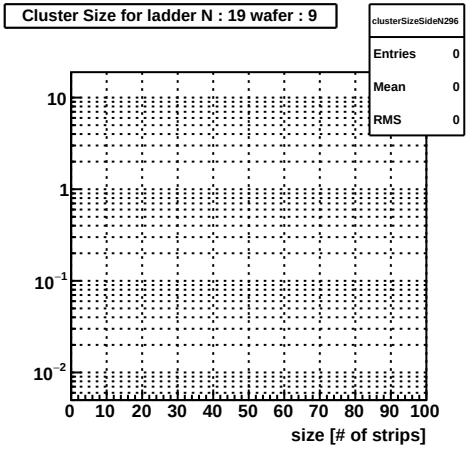

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

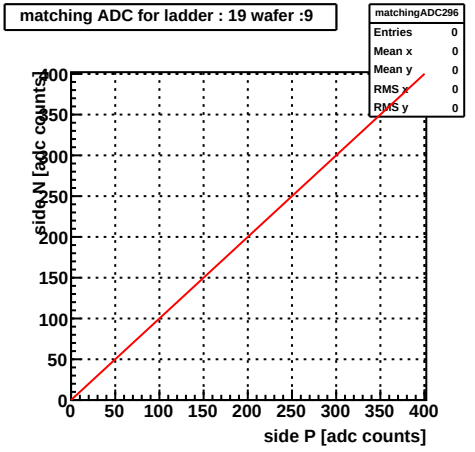

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

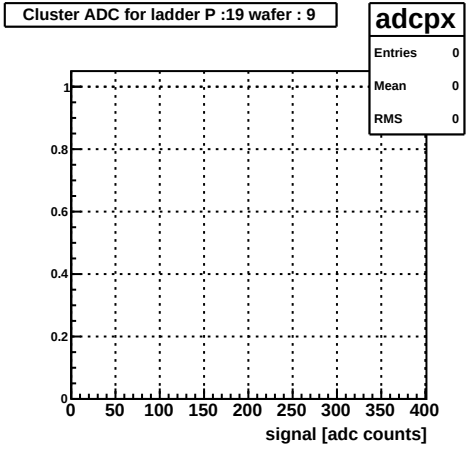

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

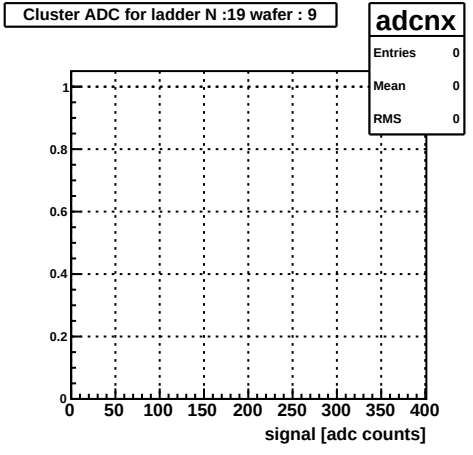

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

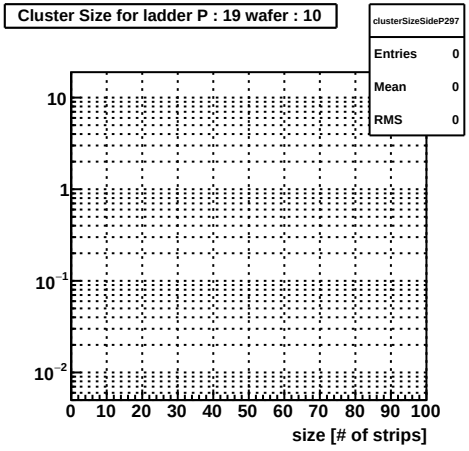

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

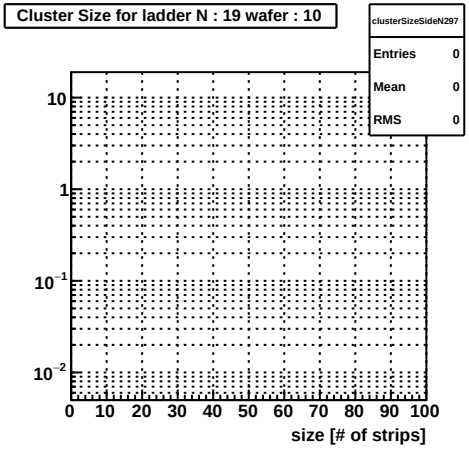

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

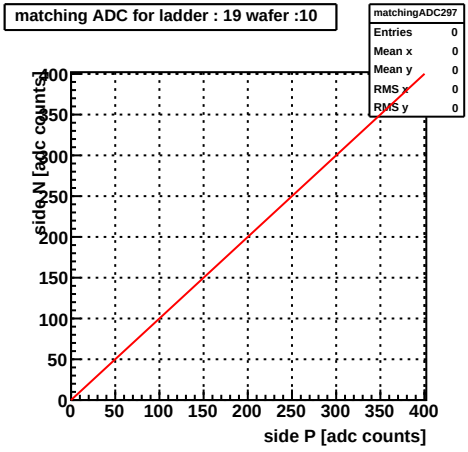

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

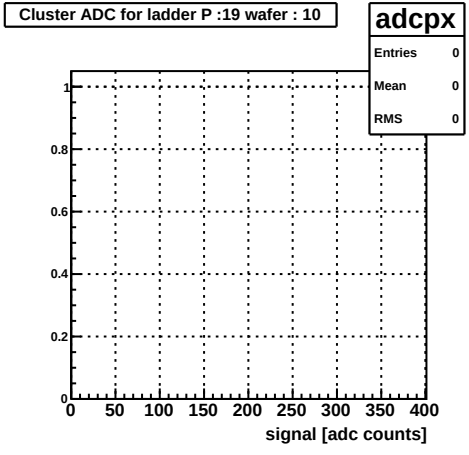

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

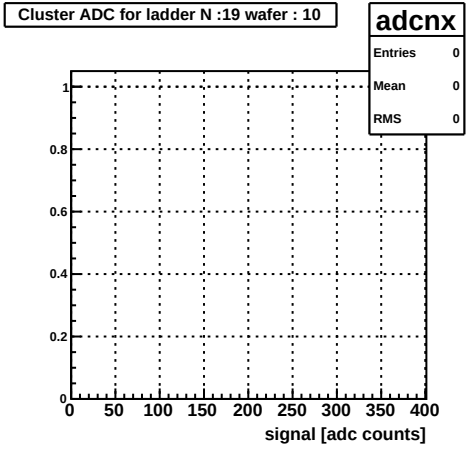

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

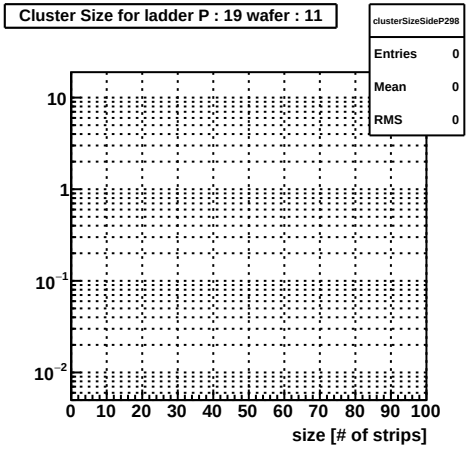

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

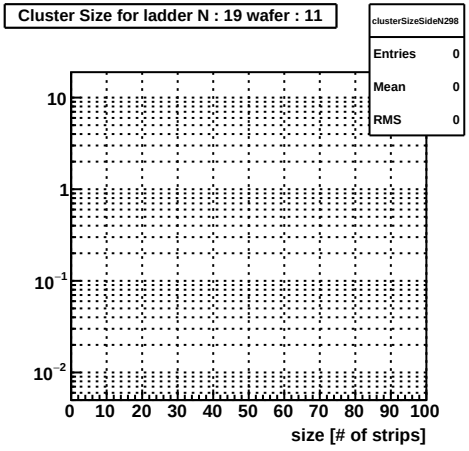

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

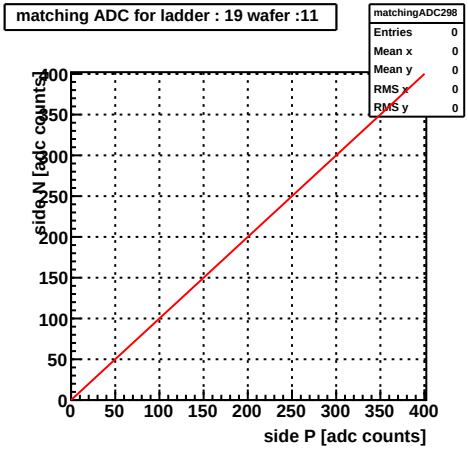

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

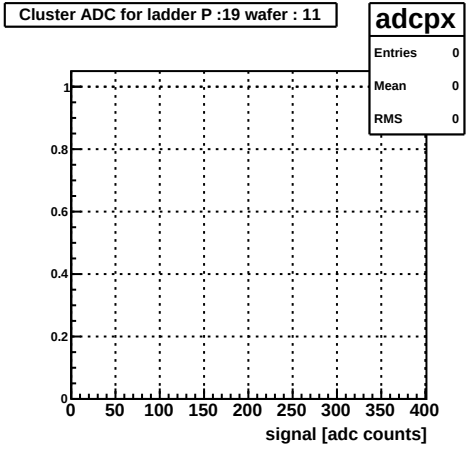

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

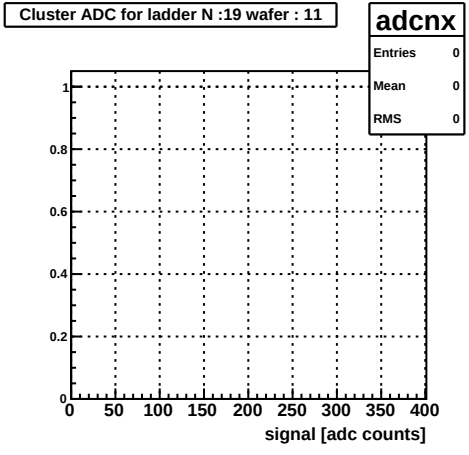

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

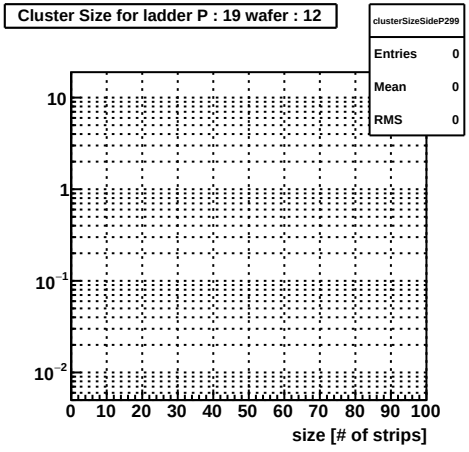

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

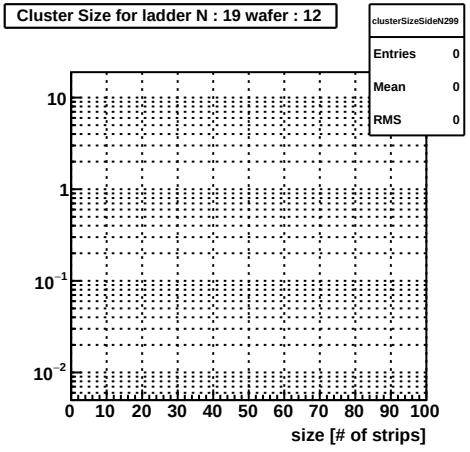

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

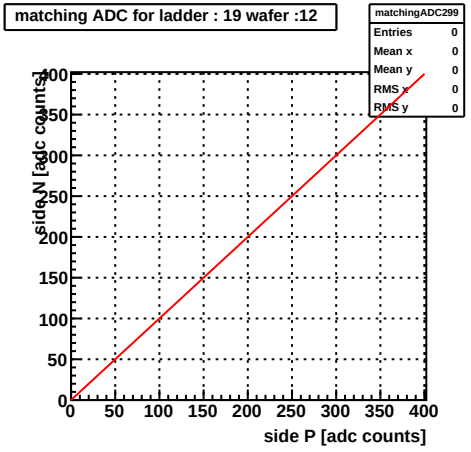

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

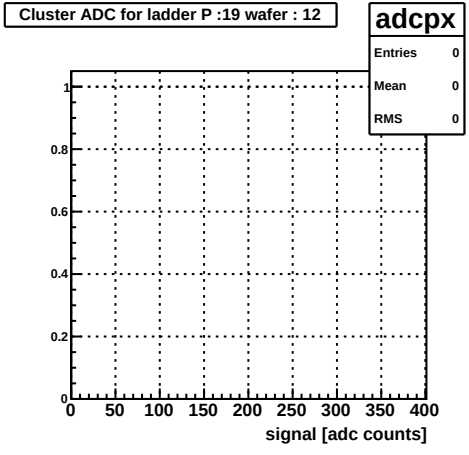

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

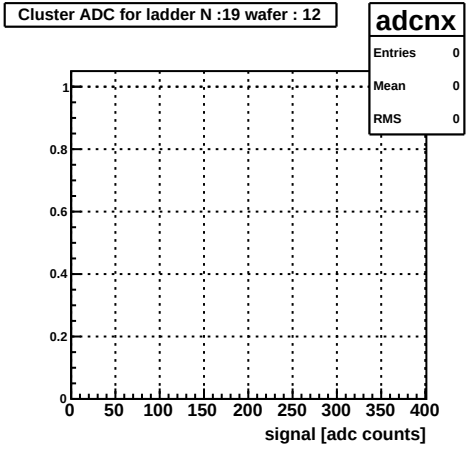

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

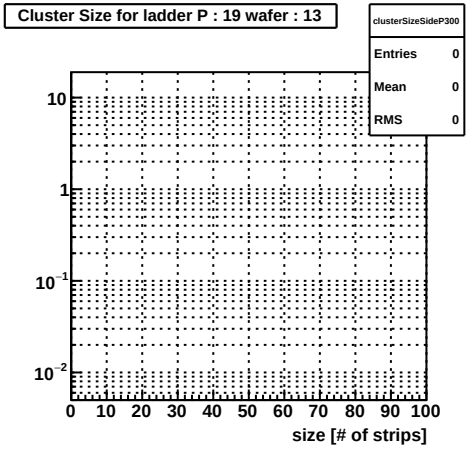

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

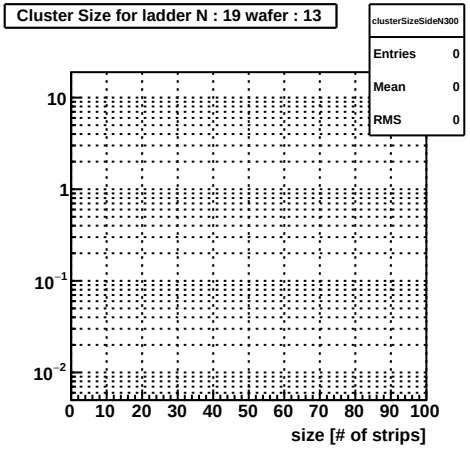

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

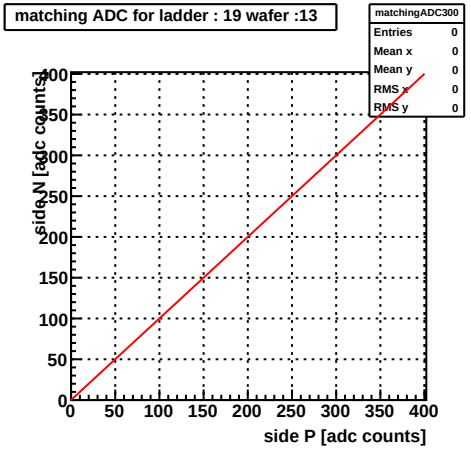

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

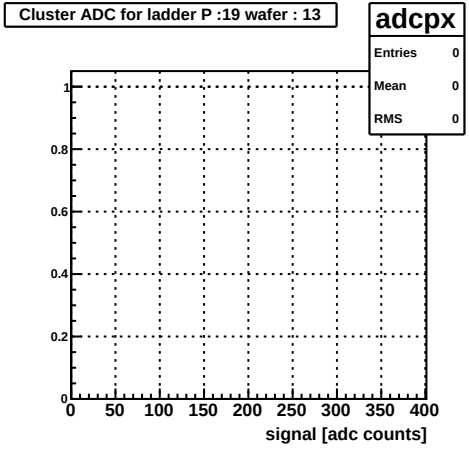

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

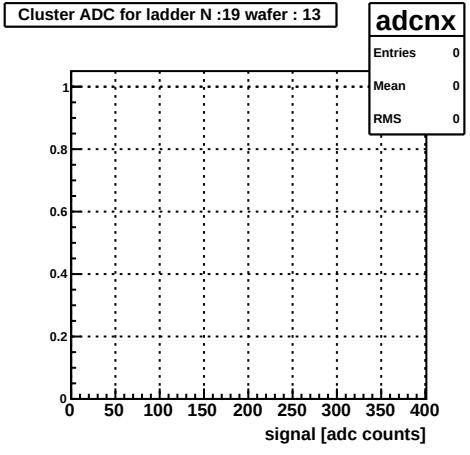

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

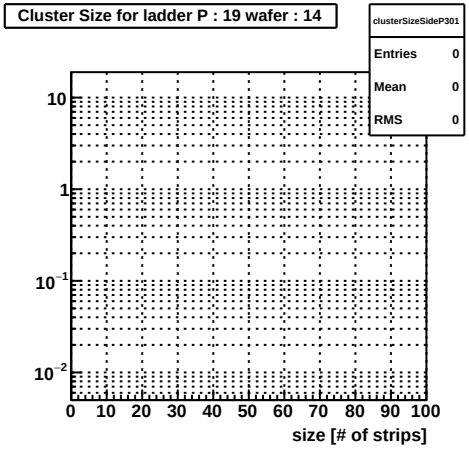

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

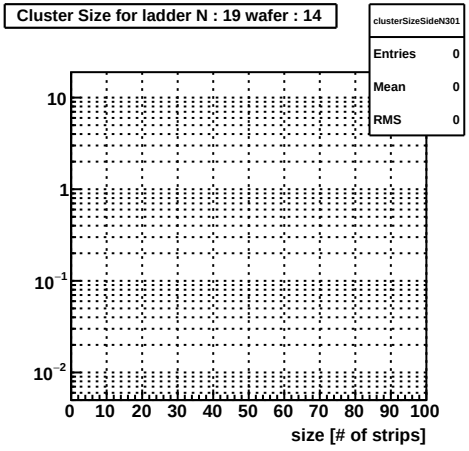

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

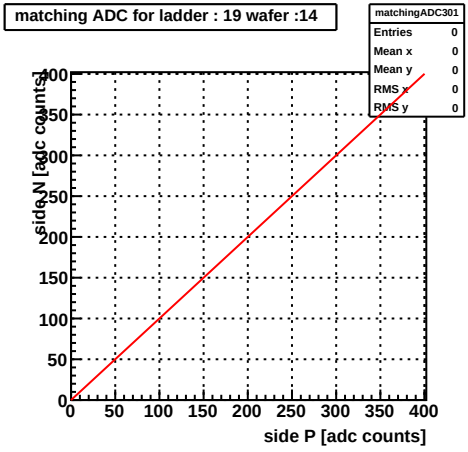

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

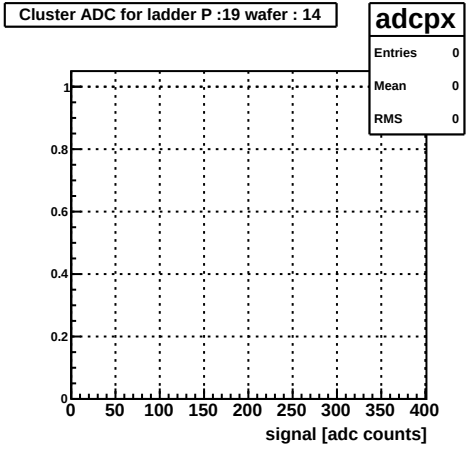

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

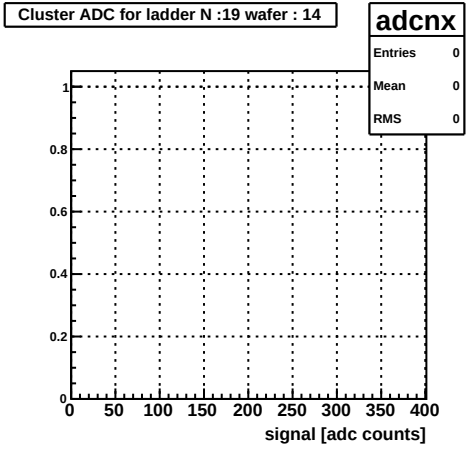

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

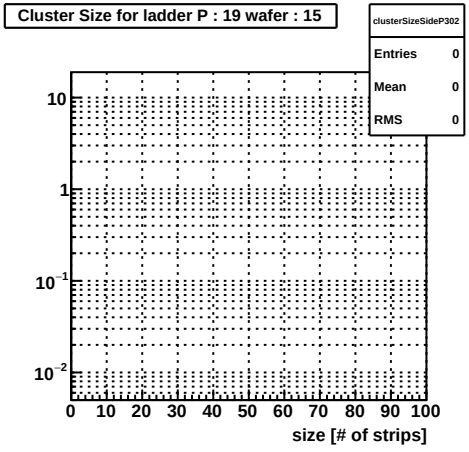

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

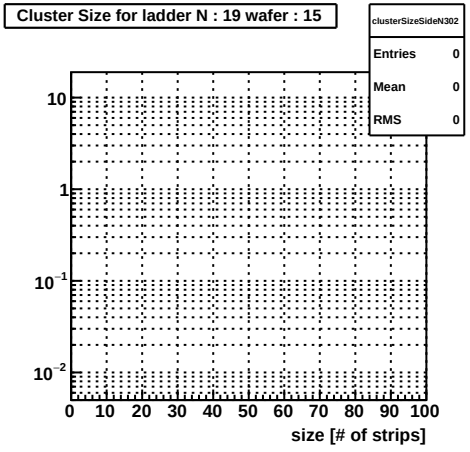

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

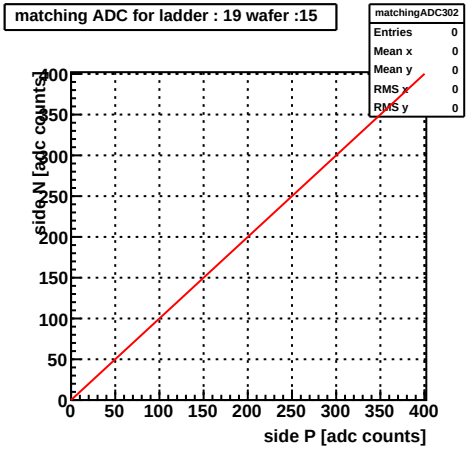

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

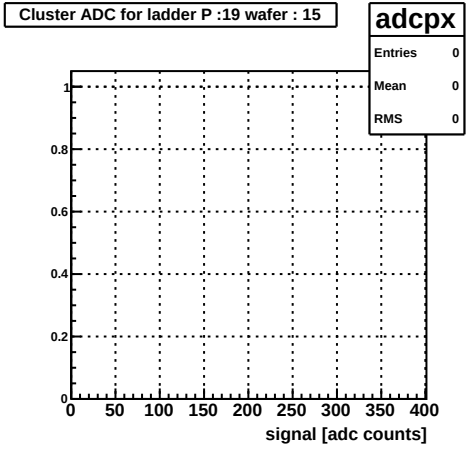

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

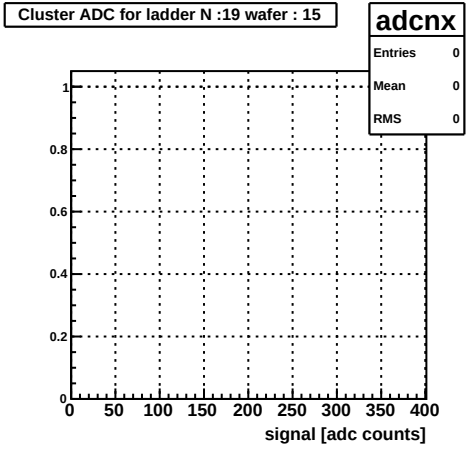

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

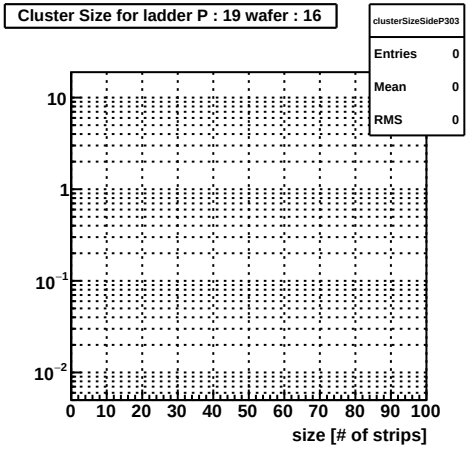

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

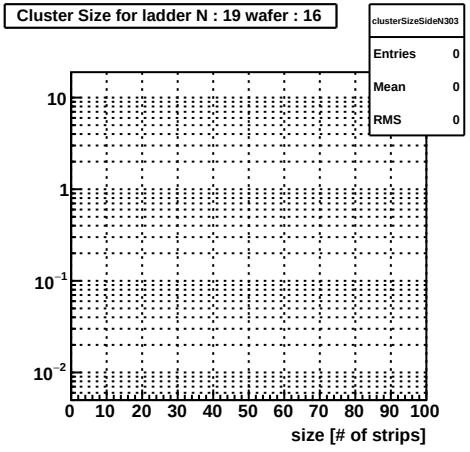

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

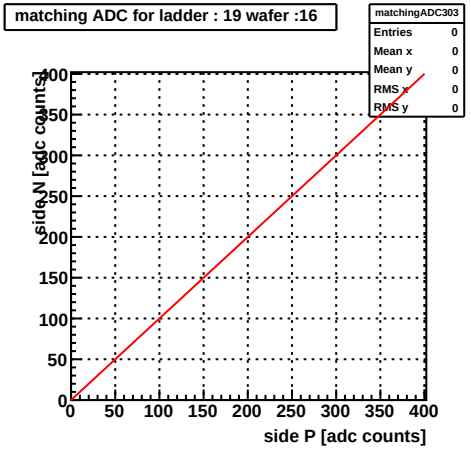

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

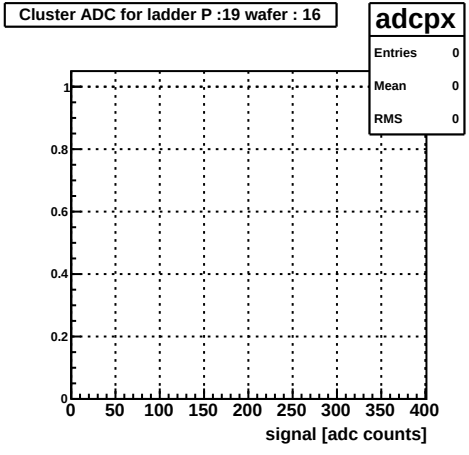

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

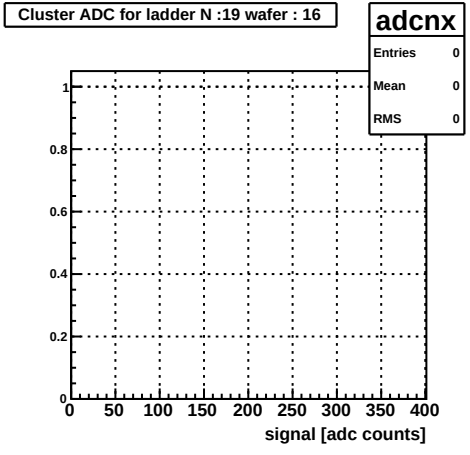

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

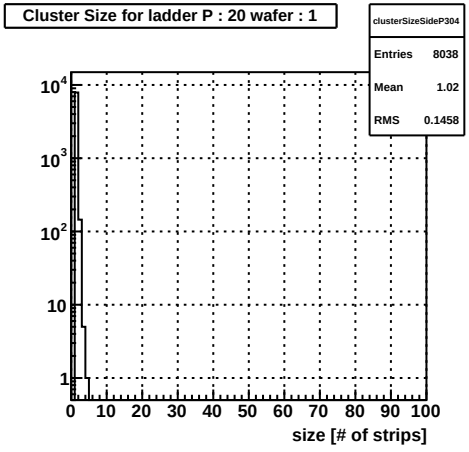

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

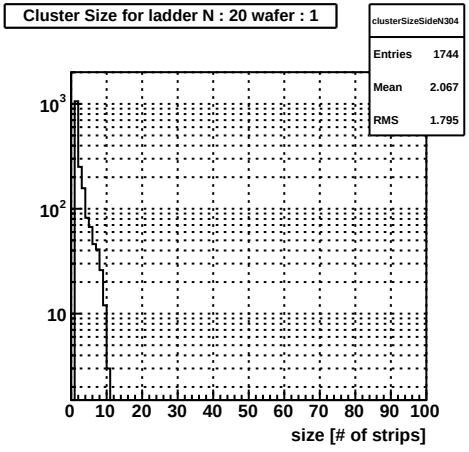

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

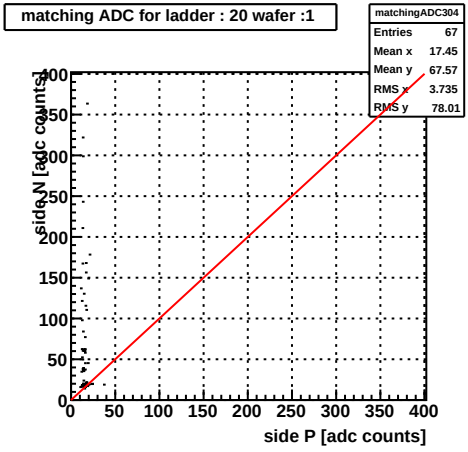

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

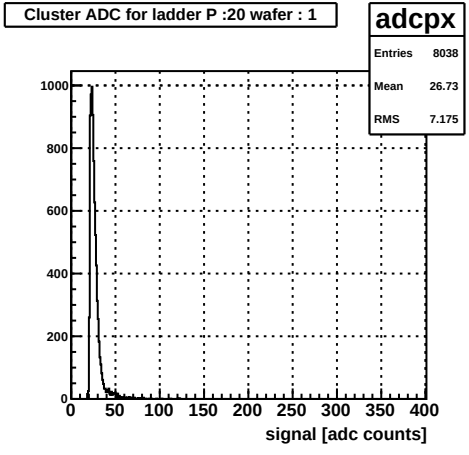

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

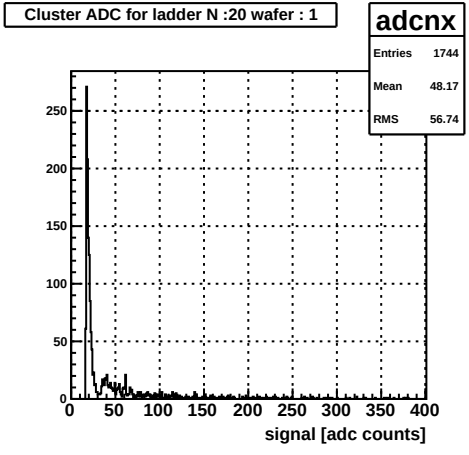

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

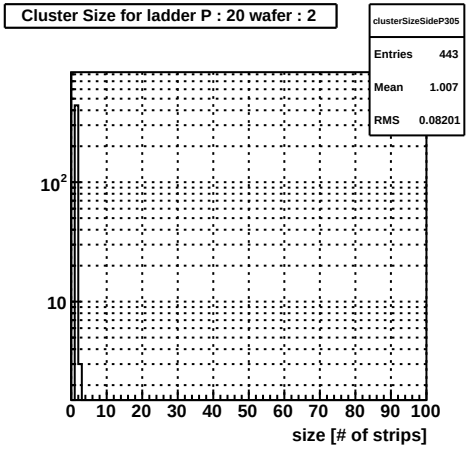

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 8038
Mean 1.02
RMS 0.1458
size [# of strips]

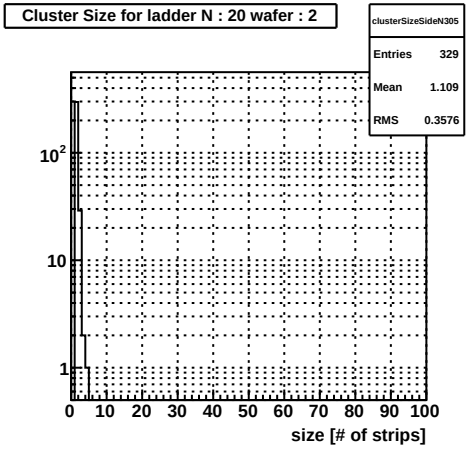

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1744
Mean 2.067
RMS 1.795
size [# of strips]

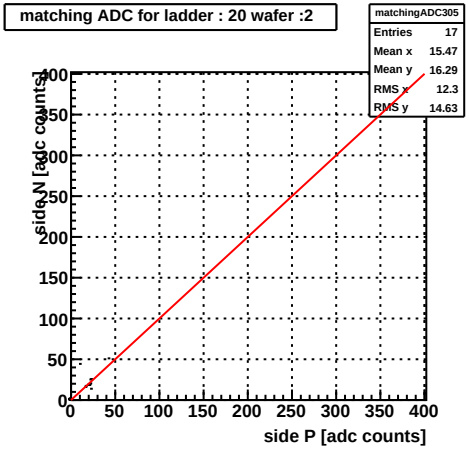

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 67
Mean x 17.45
Mean y 67.57
RMS x 3.735
RMS y 78.01
side N [adc counts]
side P [adc counts]

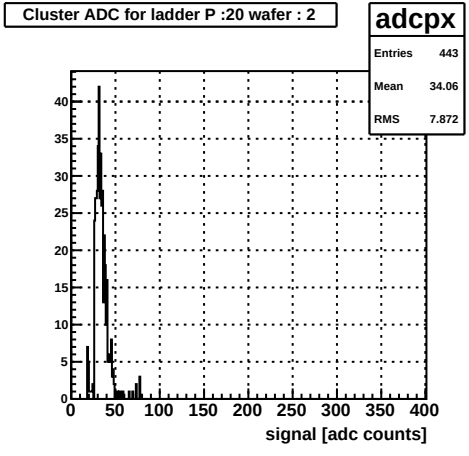

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 8038
Mean 26.73
RMS 7.175
signal [adc counts]

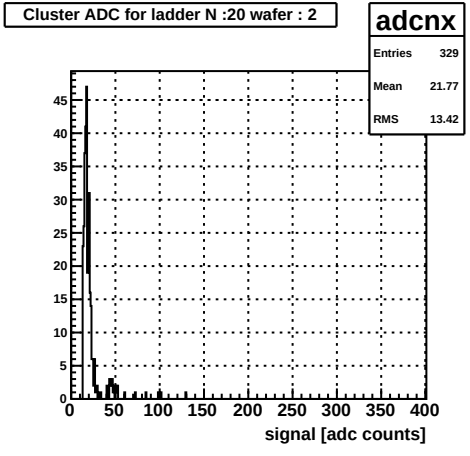

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1744
Mean 48.17
RMS 56.74
signal [adc counts]

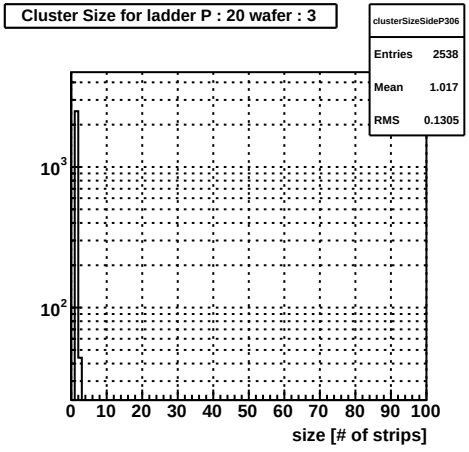

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 443
Mean 1.007
RMS 0.08201
size [# of strips]

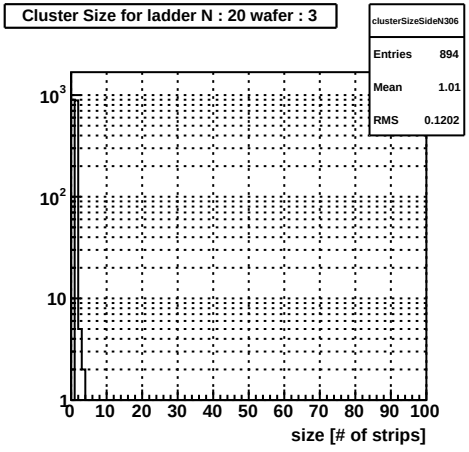

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 329
Mean 1.109
RMS 0.3576
size [# of strips]

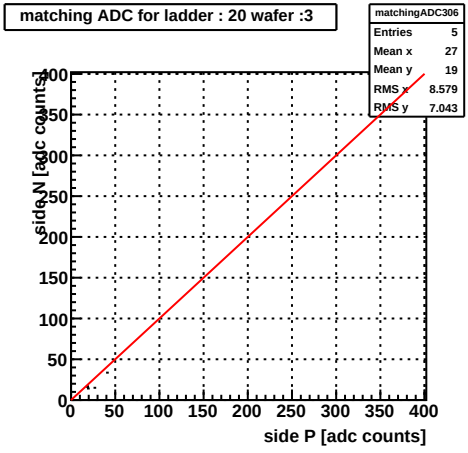

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 17
Mean x 15.47
Mean y 16.29
RMS x 12.3
RMS y 14.63
side N [adc counts]
side P [adc counts]

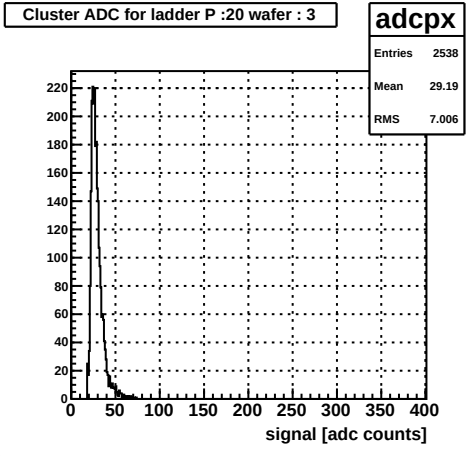

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 443
Mean 34.06
RMS 7.872
signal [adc counts]

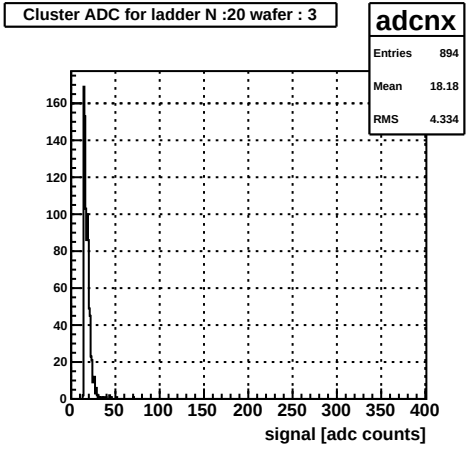

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 329
Mean 21.77
RMS 13.42
signal [adc counts]

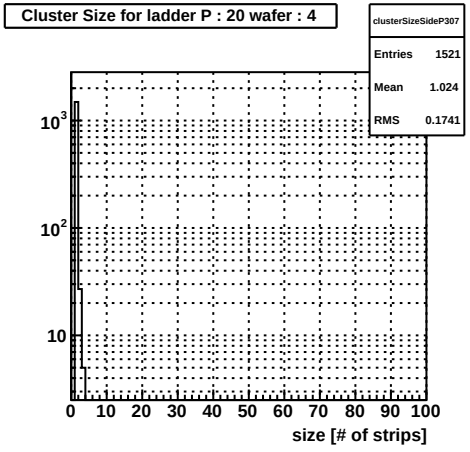

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2538
Mean 1.017
RMS 0.1305
size [# of strips]

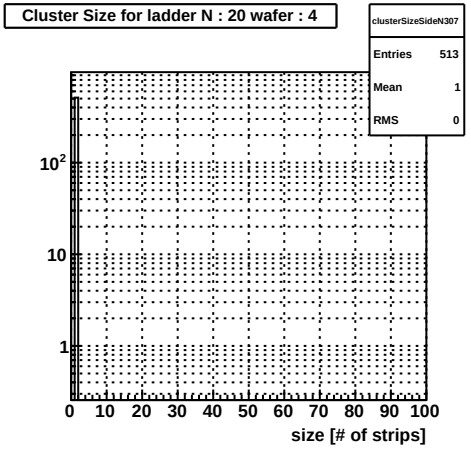

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 894
Mean 1.01
RMS 0.1202
size [# of strips]

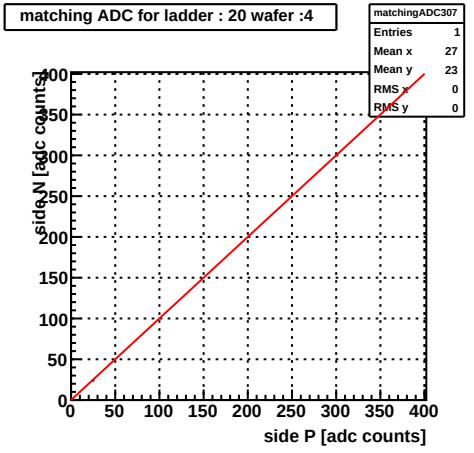

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 5
Mean x 27
Mean y 19
RMS x 8.579
RMS y 7.043
side N [adc counts]
side P [adc counts]

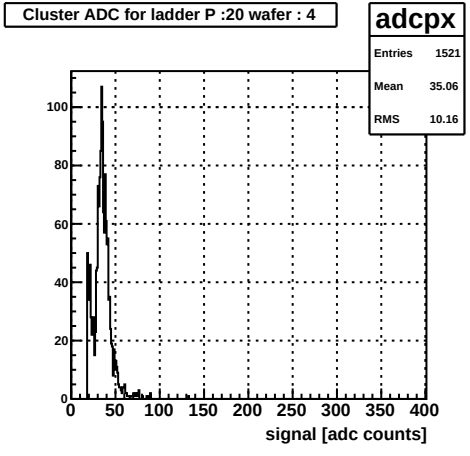

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2538
Mean 29.19
RMS 7.006
signal [adc counts]

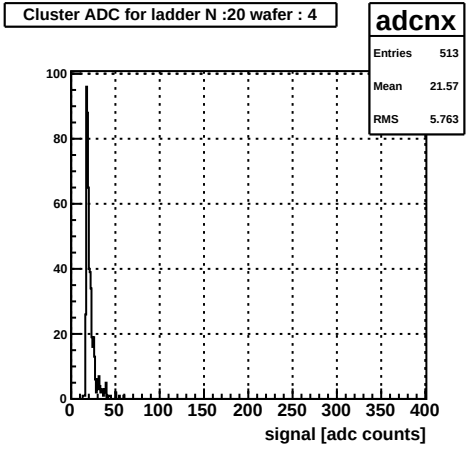

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 894
Mean 18.18
RMS 4.334
signal [adc counts]

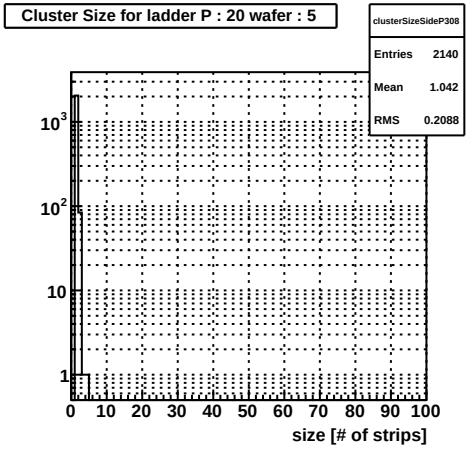

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1521
Mean 1.024
RMS 0.1741
size [# of strips]

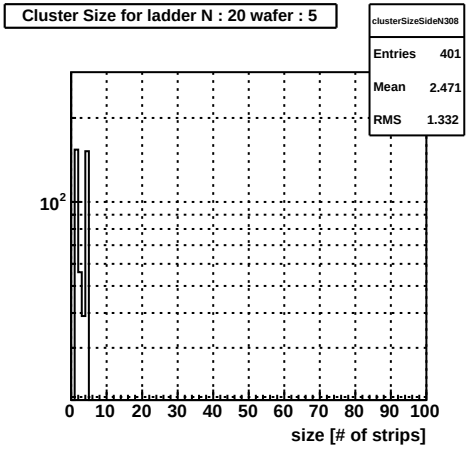

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 513
Mean 1
RMS 0
size [# of strips]

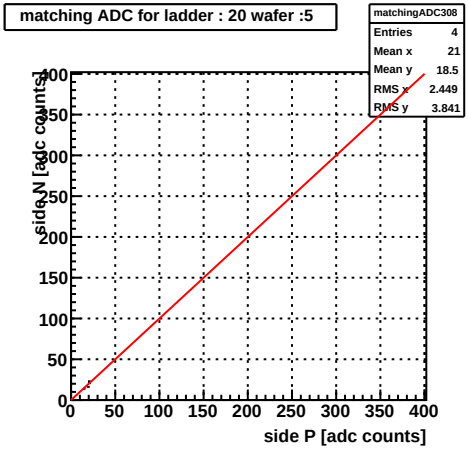

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1
Mean x 27
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

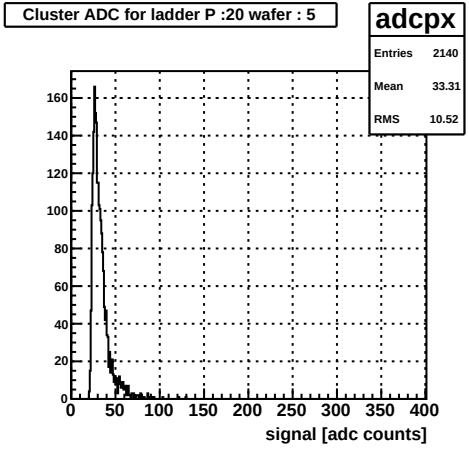

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1521
Mean 35.06
RMS 10.16
signal [adc counts]

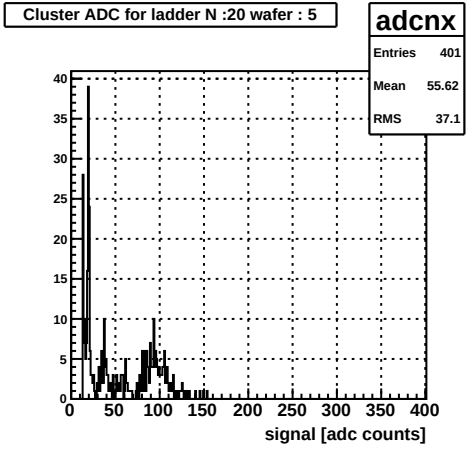

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 513
Mean 21.57
RMS 5.763
signal [adc counts]

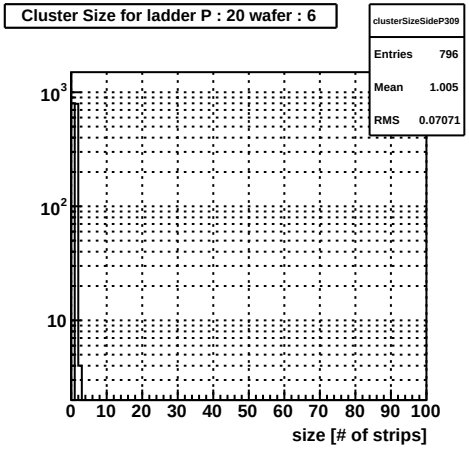

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2140
Mean 1.042
RMS 0.2088
size [# of strips]

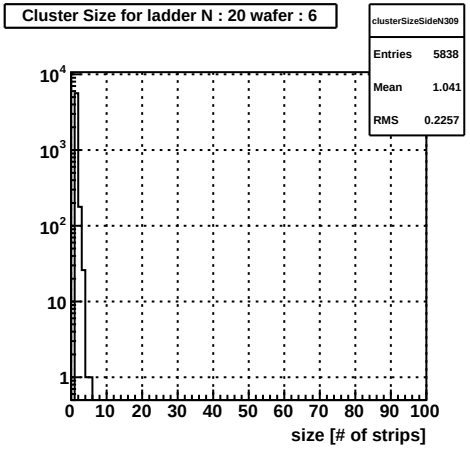

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 401
Mean 2.471
RMS 1.332
size [# of strips]

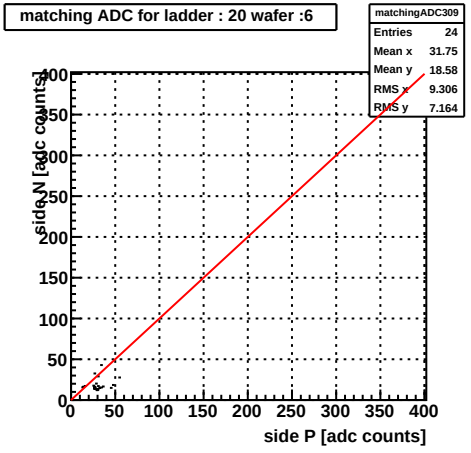

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 4
Mean x 21
Mean y 18.5
RMS x 2.449
RMS y 3.841
side N [adc counts]
side P [adc counts]

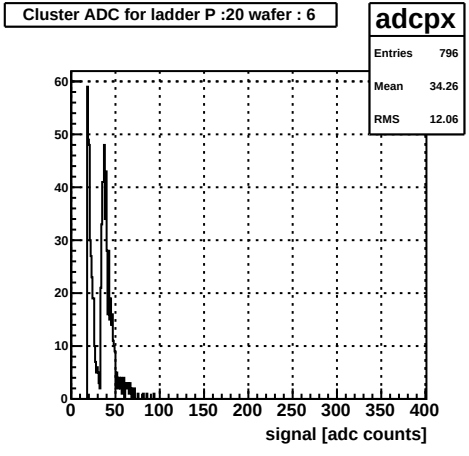

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2140
Mean 33.31
RMS 10.52
signal [adc counts]

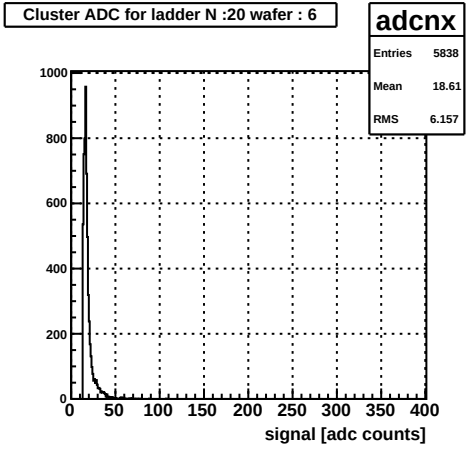

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 401
Mean 55.62
RMS 37.1
signal [adc counts]

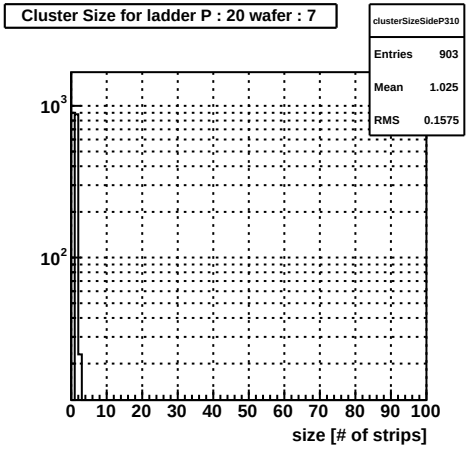

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 796
Mean 1.005
RMS 0.07071
size [# of strips]

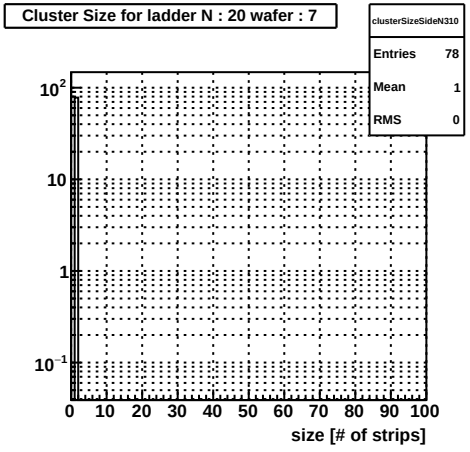

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 5838
Mean 1.041
RMS 0.2257
size [# of strips]

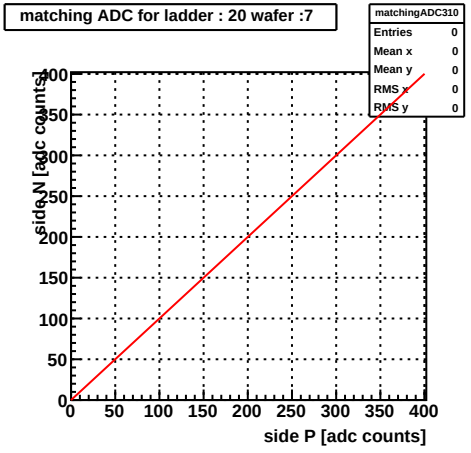

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 24
Mean x 31.75
Mean y 18.58
RMS x 9.306
RMS y 7.164
side N [adc counts]
side P [adc counts]

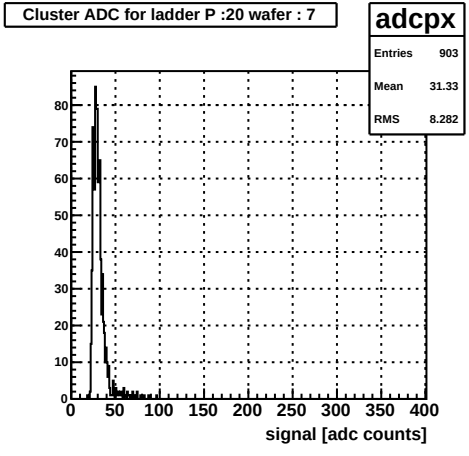

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 796
Mean 34.26
RMS 12.06
signal [adc counts]

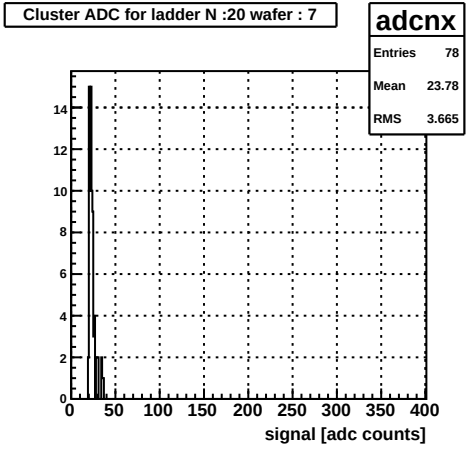

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 5838
Mean 18.61
RMS 6.157
signal [adc counts]

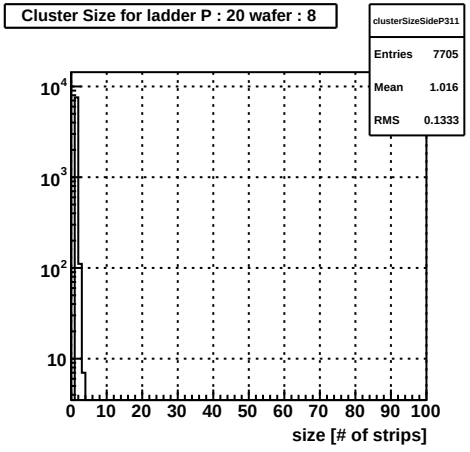

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 903
Mean 1.025
RMS 0.1575
size [# of strips]

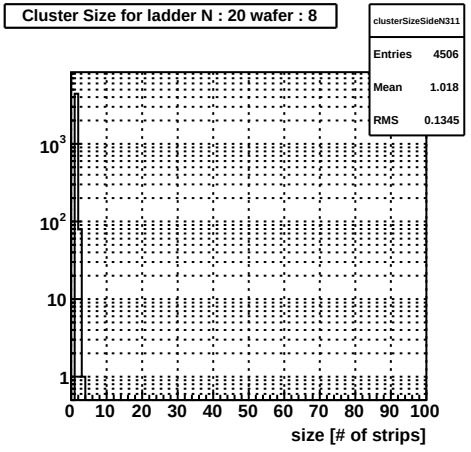

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 78
Mean 1
RMS 0
size [# of strips]

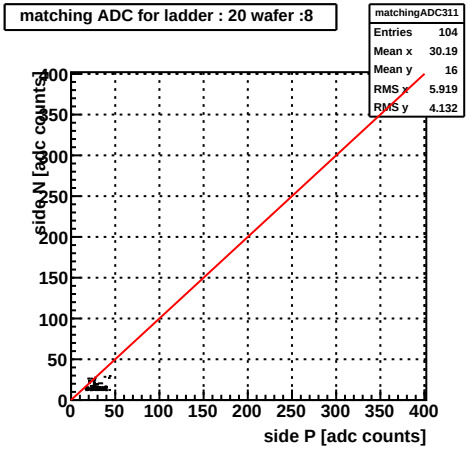

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

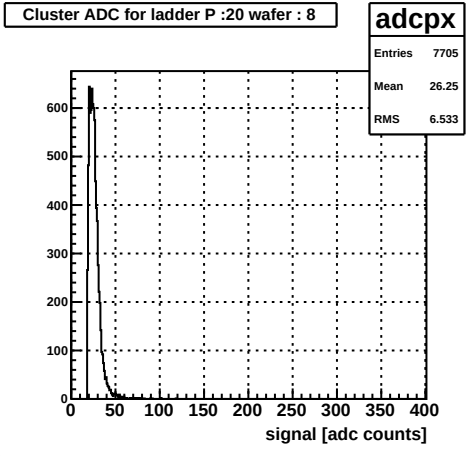

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 903
Mean 31.33
RMS 8.282
signal [adc counts]

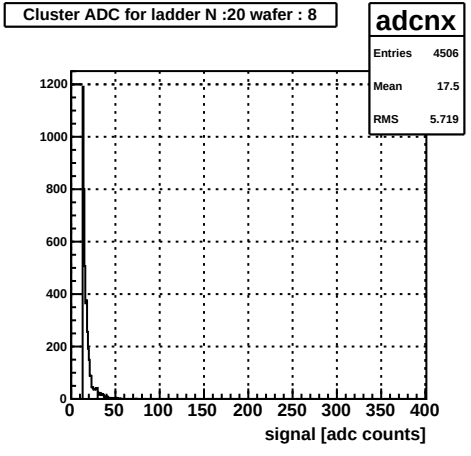

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 78
Mean 23.78
RMS 3.665
signal [adc counts]

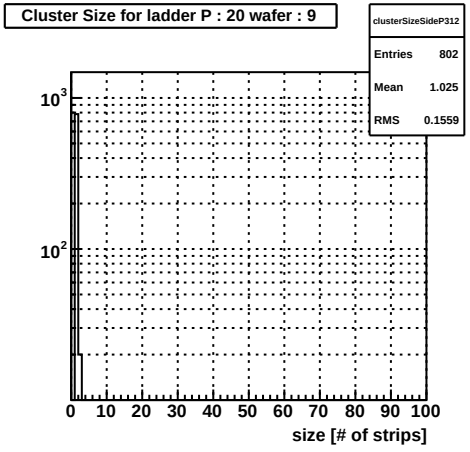

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7705
Mean 1.016
RMS 0.1333
size [# of strips]

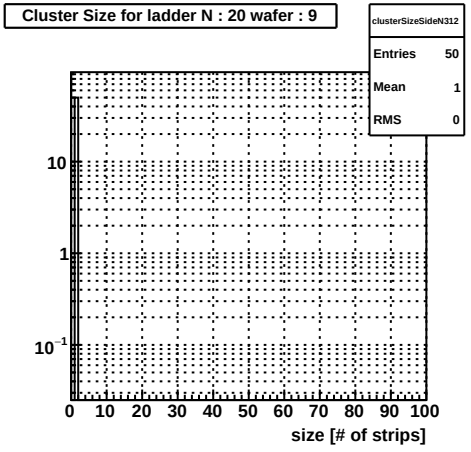

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 4506
Mean 1.018
RMS 0.1345
size [# of strips]

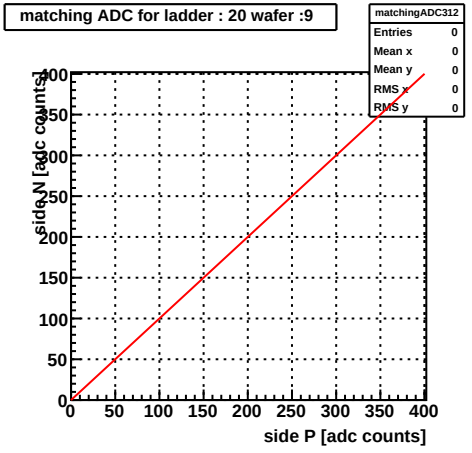

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 104
Mean x 30.19
Mean y 16
RMS x 5.919
RMS y 4.132
side N [adc counts]
side P [adc counts]

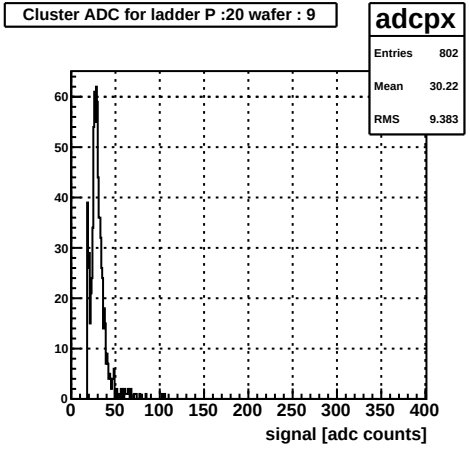

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7705
Mean 26.25
RMS 6.533
signal [adc counts]

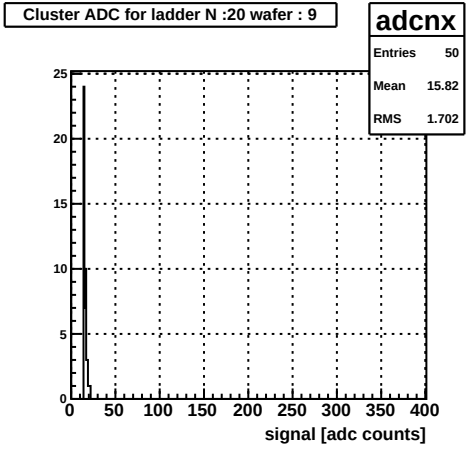

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 4506
Mean 17.5
RMS 5.719
signal [adc counts]

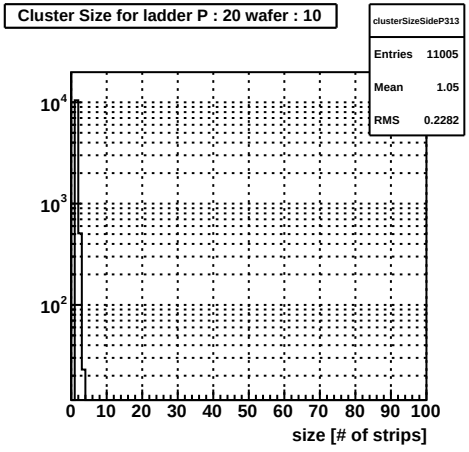

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 802
Mean 1.025
RMS 0.1559
size [# of strips]

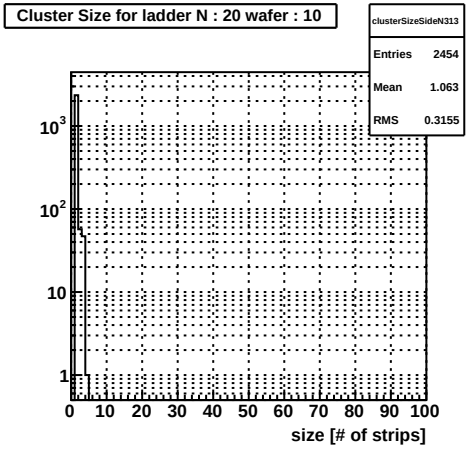

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 50
Mean 1
RMS 0
size [# of strips]

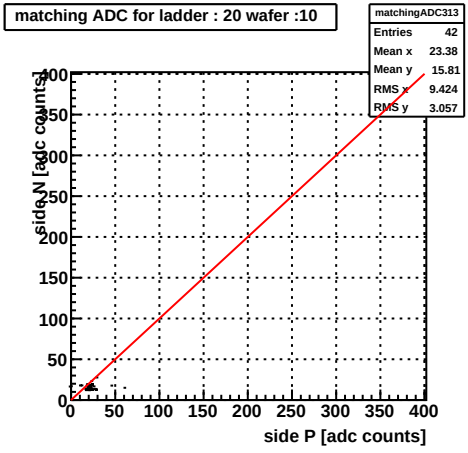

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

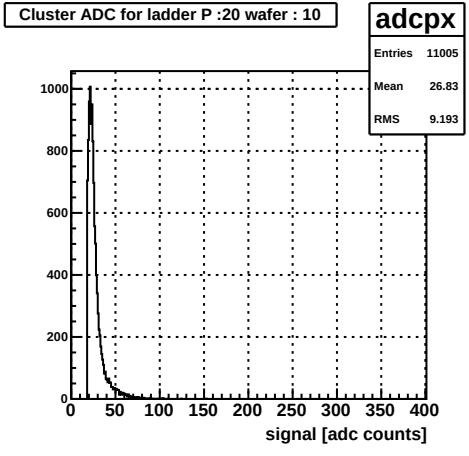

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 802
Mean 30.22
RMS 9.383
signal [adc counts]

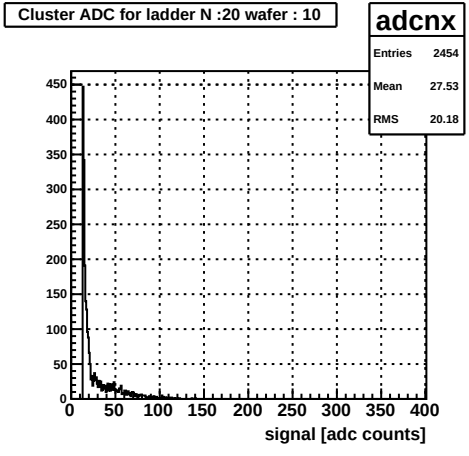

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 50
Mean 15.82
RMS 1.702
signal [adc counts]

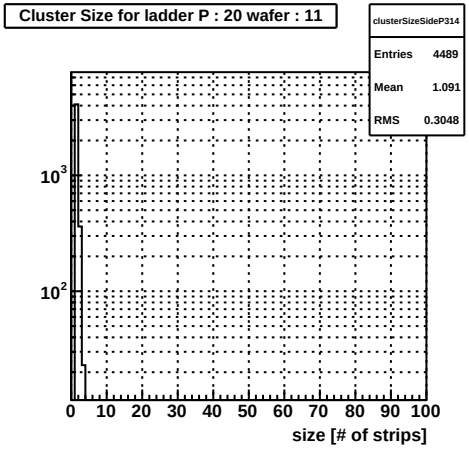

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11005
Mean 1.05
RMS 0.2282
size [# of strips]

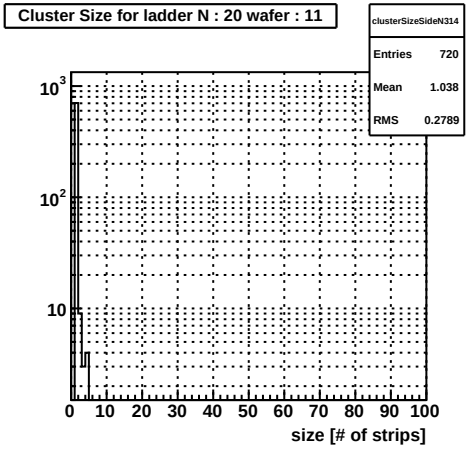

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2454
Mean 1.063
RMS 0.3155
size [# of strips]

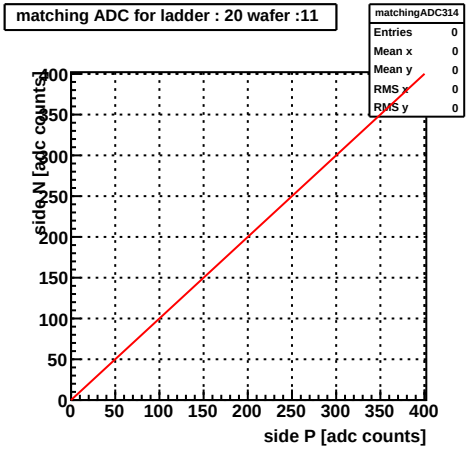

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 42
Mean x 23.38
Mean y 15.81
RMS x 9.424
RMS y 3.057
side N [adc counts]
side P [adc counts]

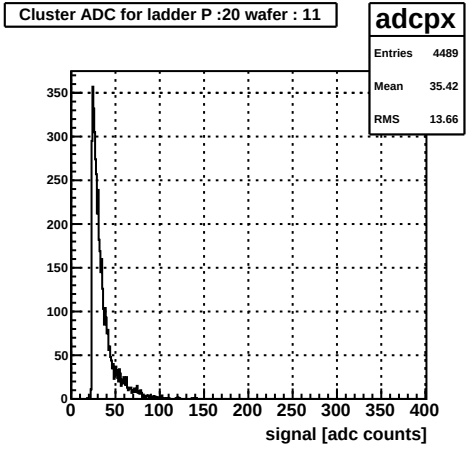

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11005
Mean 26.83
RMS 9.193
signal [adc counts]

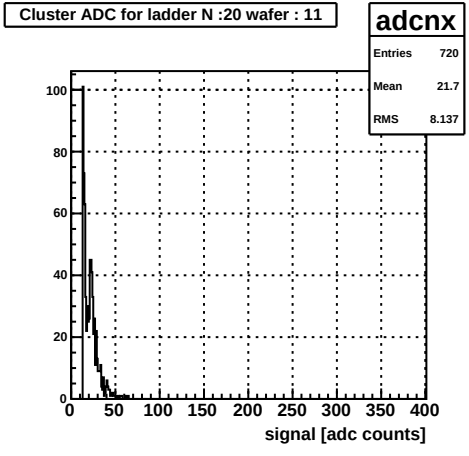

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2454
Mean 27.53
RMS 20.18
signal [adc counts]

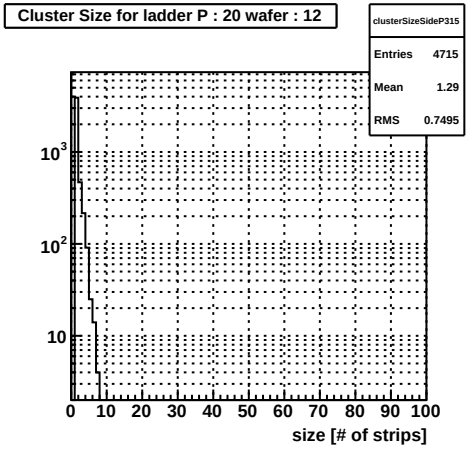

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4489
Mean 1.091
RMS 0.3048
size [# of strips]

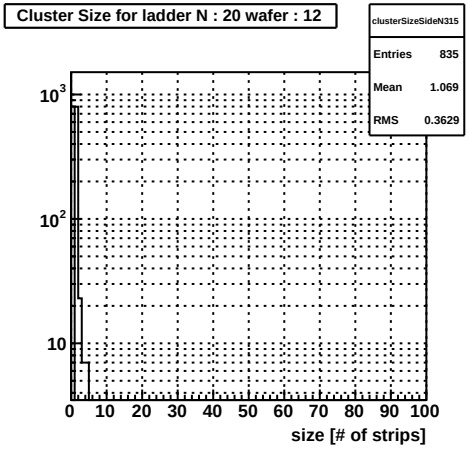

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 720
Mean 1.038
RMS 0.2789
size [# of strips]

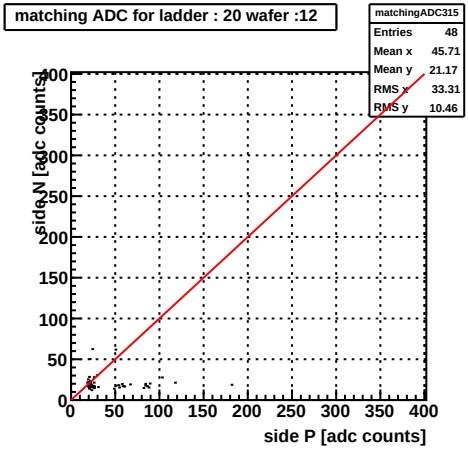

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

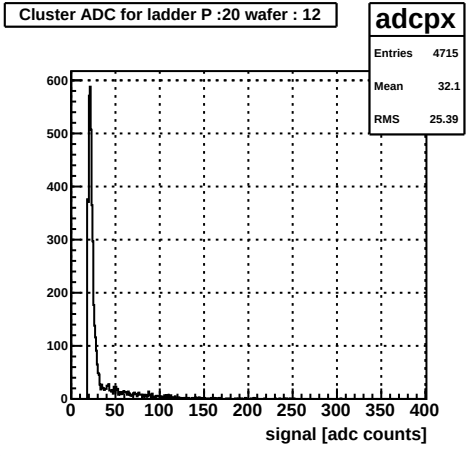

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4489
Mean 35.42
RMS 13.66
signal [adc counts]

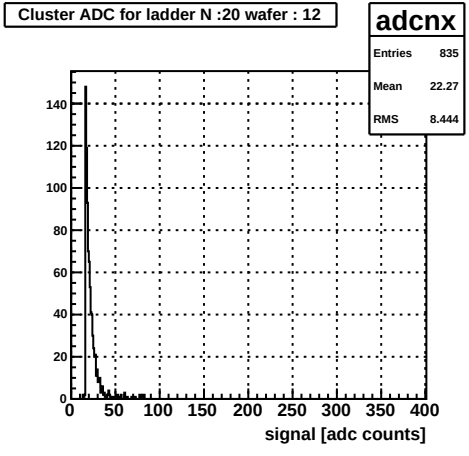

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 720
Mean 21.7
RMS 8.137
signal [adc counts]

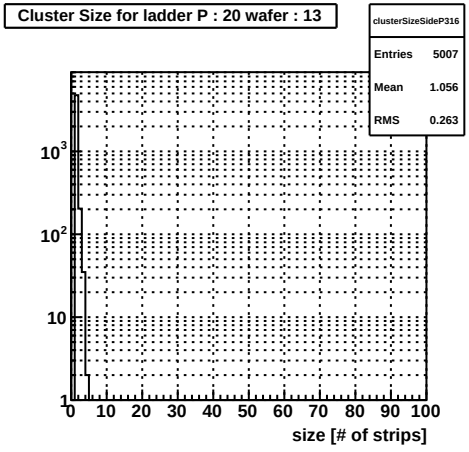

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4715
Mean 1.29
RMS 0.7495
size [# of strips]

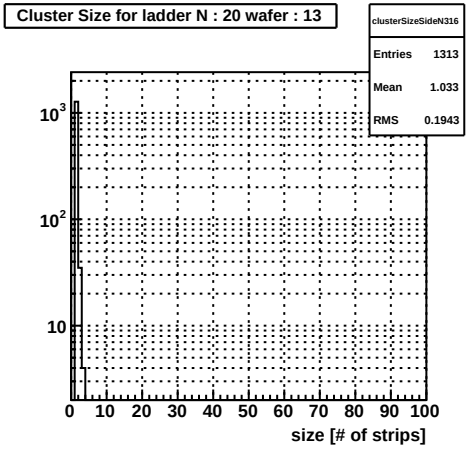

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 835
Mean 1.069
RMS 0.3629
size [# of strips]

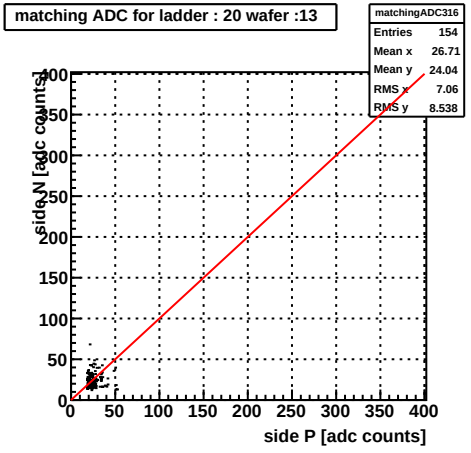

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 48
Mean x 45.71
Mean y 21.17
RMS x 33.31
RMS y 10.46
side N [adc counts]
side P [adc counts]

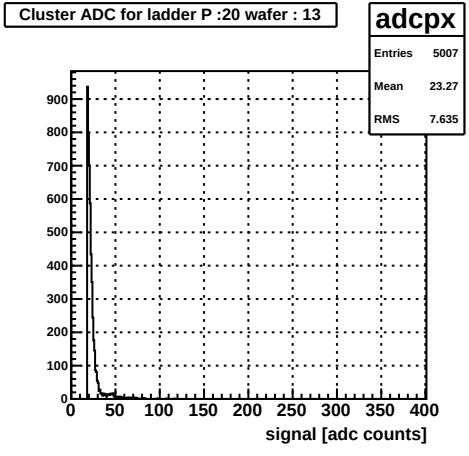

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4715
Mean 32.1
RMS 25.39
signal [adc counts]

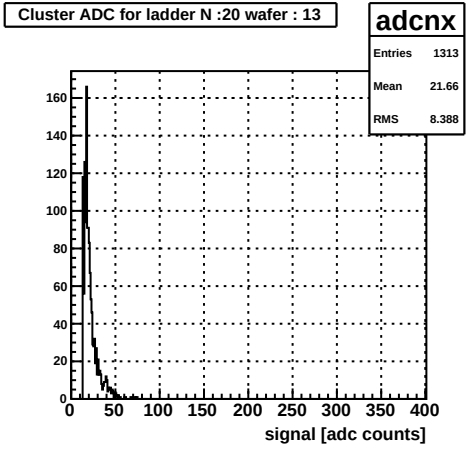

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 835
Mean 22.27
RMS 8.444
signal [adc counts]

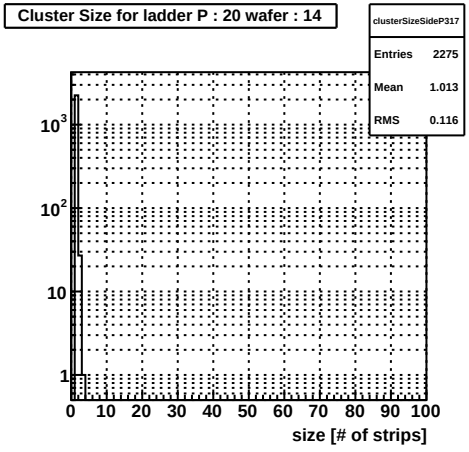

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5007
Mean 1.056
RMS 0.263
size [# of strips]

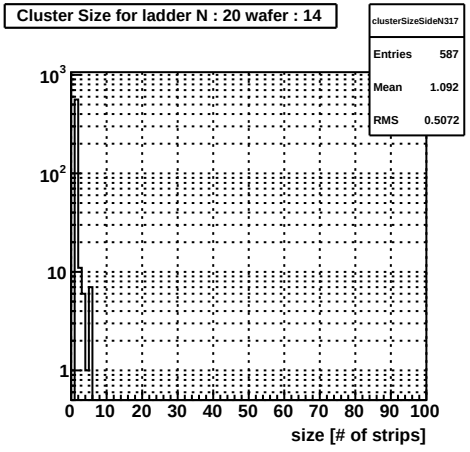

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1313
Mean 1.033
RMS 0.1943
size [# of strips]

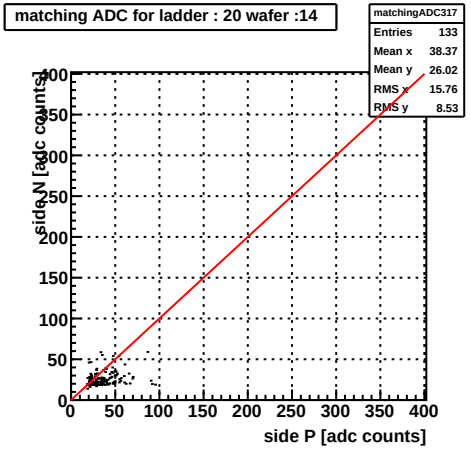

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 154
Mean x 26.71
Mean y 24.04
RMS x 7.06
RMS y 8.538
side N [adc counts]
side P [adc counts]

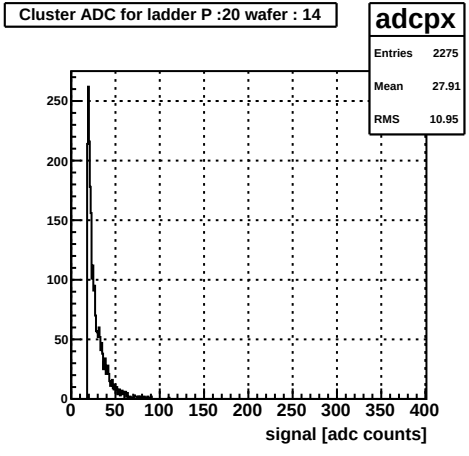

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5007
Mean 23.27
RMS 7.635
signal [adc counts]

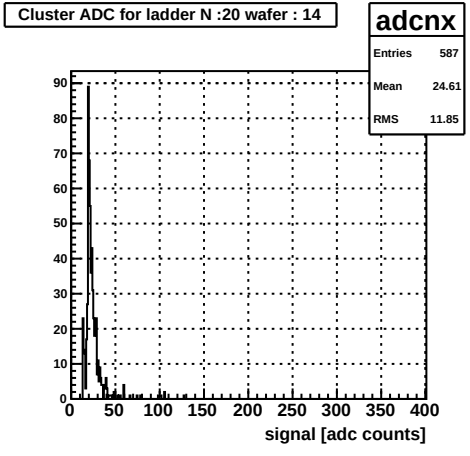

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1313
Mean 21.66
RMS 8.388
signal [adc counts]

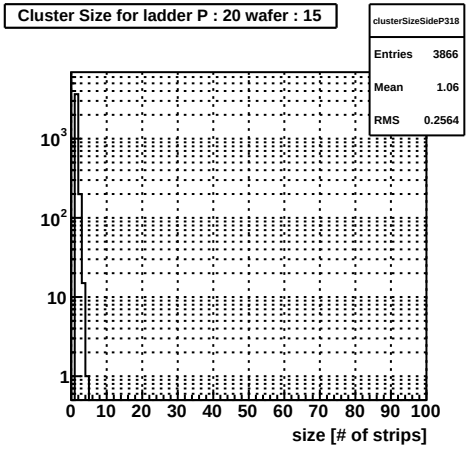

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2275
Mean 1.013
RMS 0.116
size [# of strips]

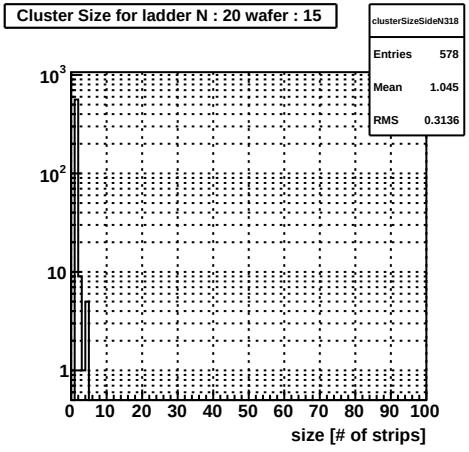

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 587
Mean 1.092
RMS 0.5072
size [# of strips]

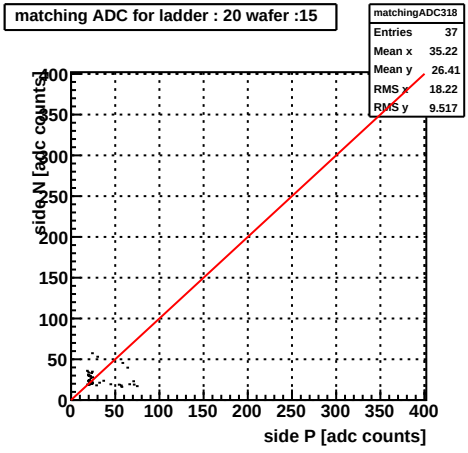

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 133
Mean x 38.37
Mean y 26.02
RMS x 15.76
RMS y 8.53
side N [adc counts]
side P [adc counts]

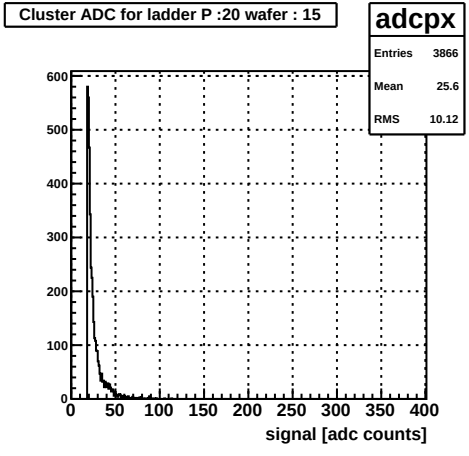

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2275
Mean 27.91
RMS 10.95
signal [adc counts]

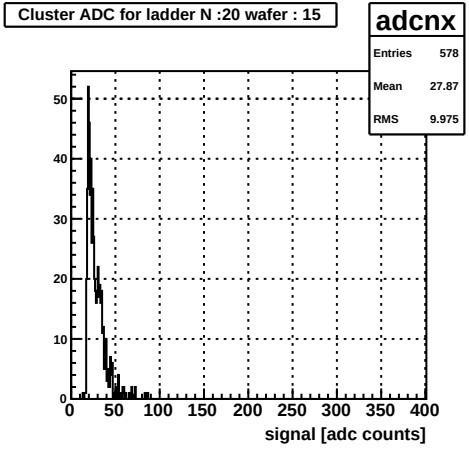

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 587
Mean 24.61
RMS 11.85
signal [adc counts]

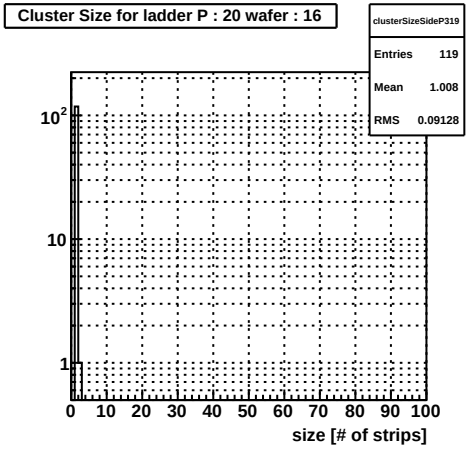

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3866
Mean 1.06
RMS 0.2564
size [# of strips]

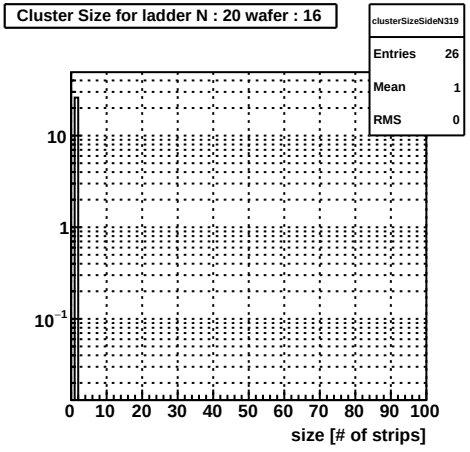

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 578
Mean 1.045
RMS 0.3136
size [# of strips]

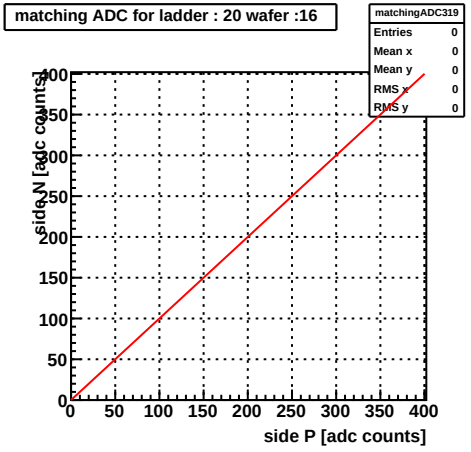

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 37
Mean x 35.22
Mean y 26.41
RMS x 18.22
RMS y 9.517
side N [adc counts]
side P [adc counts]

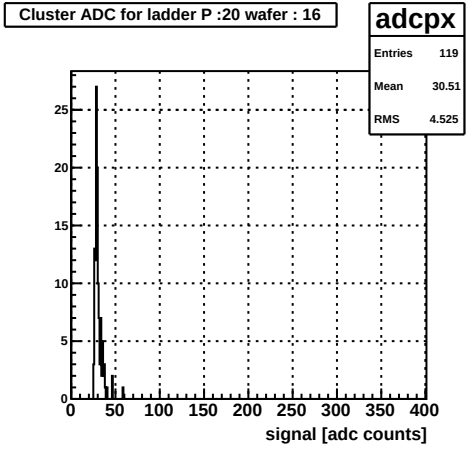

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3866
Mean 25.6
RMS 10.12
signal [adc counts]

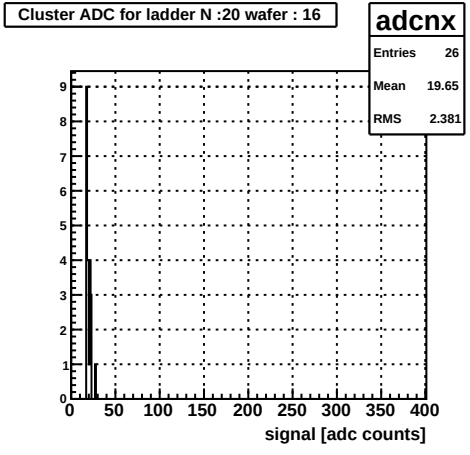

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 578
Mean 27.87
RMS 9.975
signal [adc counts]

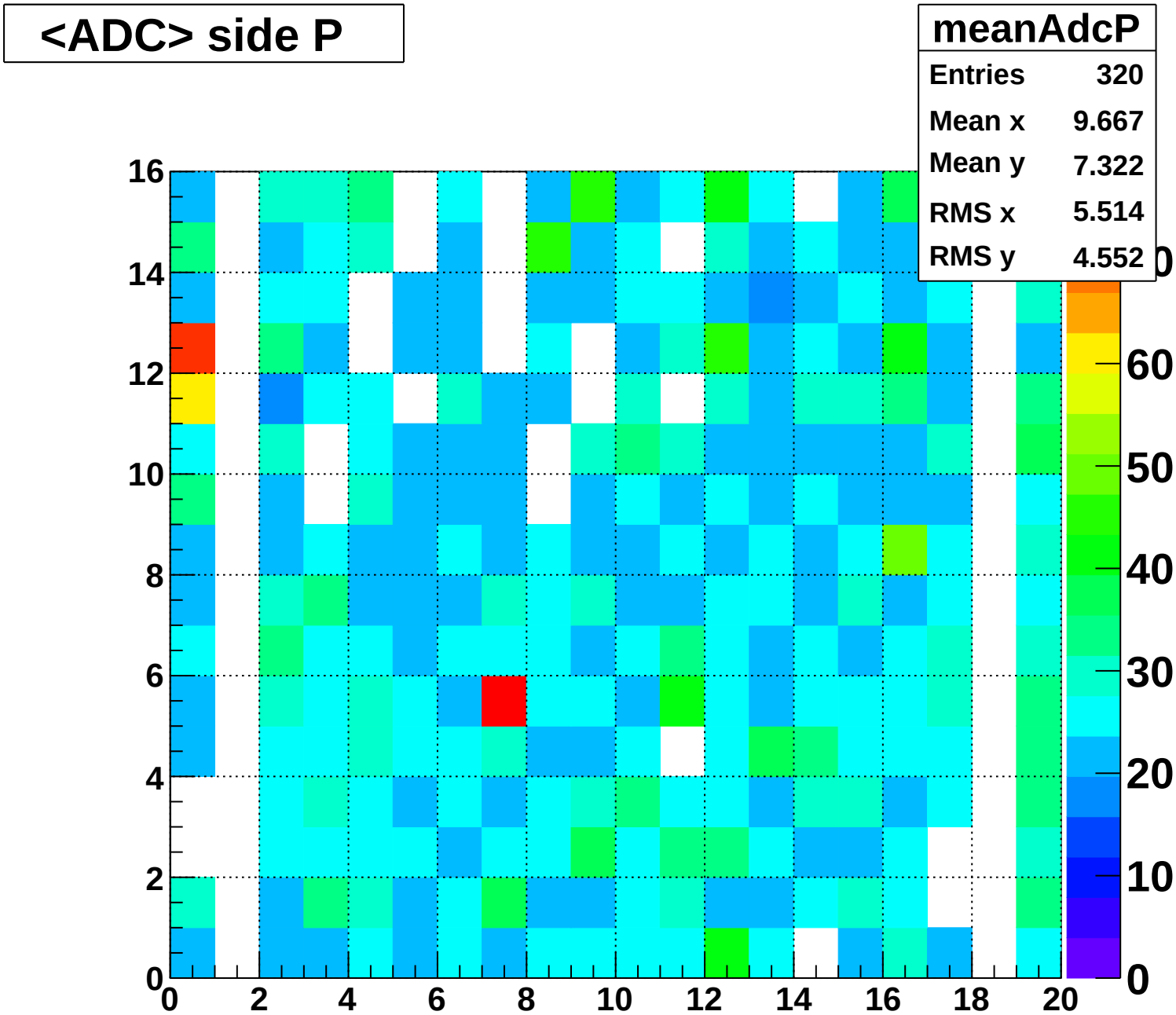

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 119
Mean 1.008
RMS 0.09128
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 26
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 119
Mean 30.51
RMS 4.525
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 26
Mean 19.65
RMS 2.381
signal [adc counts]



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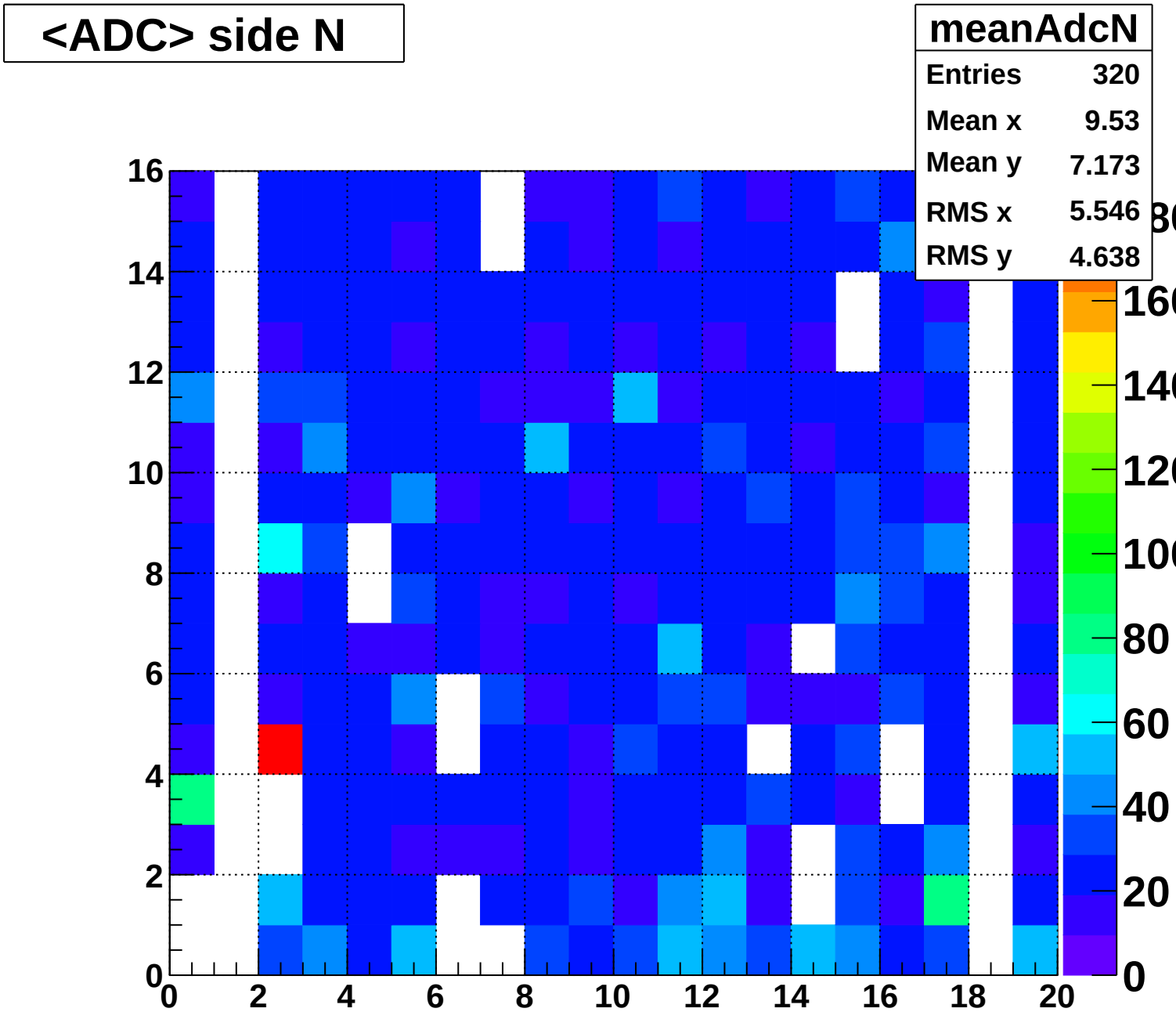

2016-05-20 06:34:46